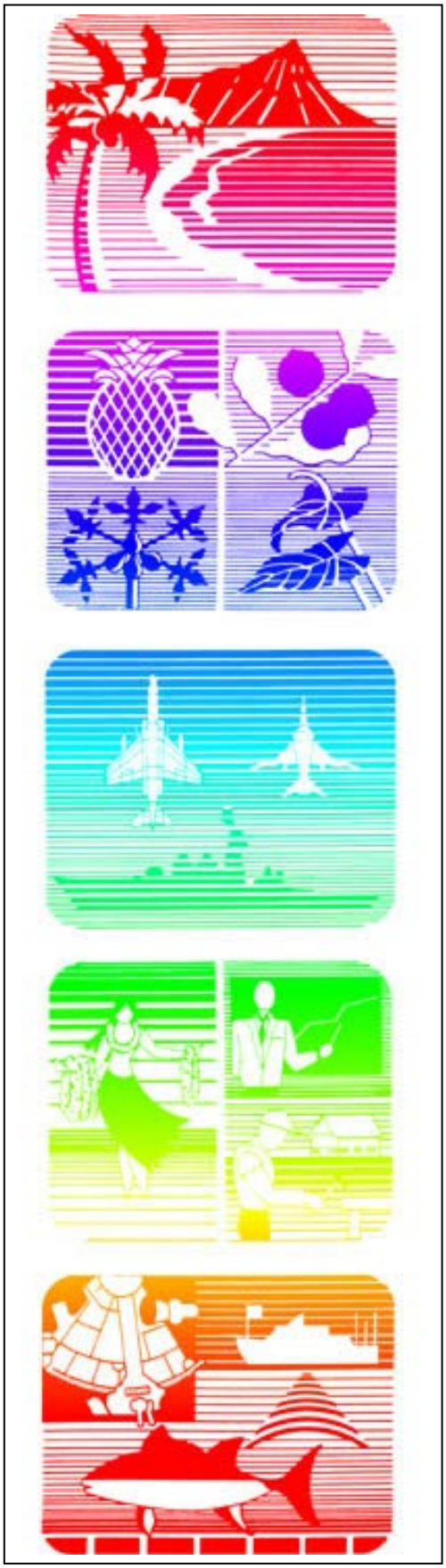

DBEDT

THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

STATE OF HAWAII

Quarterly Statistical & Economic Report

1st Quarter 2023

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

Technical notes and source descriptions have been kept to a minimum. However, the staff of the Research and Economic Analysis Division would be happy to respond to any inquiries of a technical nature that readers may have (586-2466). The quarterly information contained in this report reflects data received by the Research Division on or before March 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 fourth quarter of 2022. Visitor arrivals, wage and salary jobs, State general fund tax revenues, and private building authorizations all increased in the quarter compared to the fourth quarter of 2021. However, Government contracts awarded decreased in the quarter.

In the fourth quarter of 2022, the total number of visitors arriving by air to Hawaii increased 391,994 or 20.4 percent and daily visitor census increased 32,339 or 16.1 percent.

In the fourth quarter of 2022, the construction sector added 1,600 jobs or 4.4 percent compared with the same quarter of 2021. In the fourth quarter of 2022, the permit value for private construction increased $632.3 million or 95.6 percent; however, the Government contract awarded decreased $3,368.0 million or 86.6 percent, compared with the same quarter of 2021. According to the most recent excise tax base data available, construction put-in-place increased $206.0 million or 8.0 percent in the third quarter of 2022, compared with the same quarter of the previous year. For the first three quarters of 2022 construction put-in-place increased $424.4 million or 5.6 percent compared with the same period of the previous year.

In the fourth quarter of 2022, State general fund tax revenues increased $61.2 million or 3.1 percent over the same period of 2021. The state general excise tax revenue increased $126.4 million or 13.8 percent, the transient accommodations tax (TAT) increased $50.2 million or 37.2 percent, the net corporate income tax revenues increased $11.3 million or 20.2 percent, and the net individual income tax revenues decreased $101.3 million or 14.5 percent. In 2022, State general fund tax revenues increased $1,305.4 million or 16.0 percent compared to the previous year.

Labor market conditions were mainly positive. In the fourth quarter of 2022, Hawaii's non-agricultural wage and salary jobs averaged 625,200 jobs, an increase of 25,600 jobs or 4.3 percent from the same quarter of 2021.

The job increase in the fourth quarter of 2022 was due to job increases in both the private sector and the government sector. In this quarter, the private sector added about 23,400 non-agricultural jobs compared to the fourth quarter of 2021. 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 9,500 jobs or 16.2 percent; followed by Accommodation, which added 6,300 jobs or 19.5 percent, Professional & Business Services, which added 2,500 jobs or 3.6 percent, Natural Resources, Mining, and Construction, which added 1,600 jobs or 4.4 percent, and Health Care and Social Services, which also added 1,600 jobs or 2.2 percent in the quarter. The Government sector added 2,200 jobs or 1.8 percent. The Federal Government added 1,000 jobs or 2.9 percent, the State Government added 900 jobs or 1.3 percent, and the Local Government added 200 jobs or 1.1 percent in the quarter.

In the third quarter of 2022, total annualized nominal GDP increased $5,290 million or 5.6 percent, from the third quarter of 2021. In the first three quarters of 2022, total annualized nominal GDP increased $7,341 million or 8.2 percent from the same period of the previous year. In the third quarter of 2022, total annualized real GDP (in chained 2012 dollars) decreased $836 million or 1.1 percent from the third quarter of 2021. In the first three quarters of 2022, total annualized real GDP increased $1,136 million or 1.5 percent from the same period of the previous year.

In the third quarter of 2022, total non-farm private sector annualized earnings increased $1,685.2 million or 4.0 percent from the third quarter of 2021. In dollar terms, the largest increase occurred in adm. & waste management services; followed by accommodation and food services, transportation and warehousing, and retail trade. During the third quarter of 2022, total government earnings increased $44.7 million or 0.3 percent from the same quarter of 2021. Earnings from the federal government increased $30.1 million. Earnings from the state and local governments increased $14.6 million in the quarter.

In the second half of 2022, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 6.3 percent from the same period in 2021 (Table B-14). This is 1.4 percentage point below the 7.7 percent increase for the U.S. average CPI-U but is higher than the second half of 2021 Honolulu CPI-U increase of 5.0 percent from the same period of the previous year. In the second half of 2022, the Honolulu CPI-U increased the most in Transportation (12.6 percent), followed by Medical Care (10.5 percent), Food and Beverages (7.8 percent), Other Goods and Services (7.8 percent), Housing (4.7 percent), Education and Communication (1.7 percent), Apparel (1.5 percent). The only decline was Recreation (-1.3 percent).

Table 1. 2022 QUARTERLY ECONOMIC INDICATORS: STATE OF HAWAII

SERIES	4th QUARTER			YEAR-TO-DATE		
	2021	2022	% CHANGE YEAR AGO	2021	2022	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	676,200	675,450	-0.1	668,400	673,700	0.8
Civilian employed, NSA	644,400	650,700	1.0	630,200	648,900	3.0
Civilian unemployed, NSA	31,800	24,800	-22.0	38,250	24,800	-35.2
Unemployment rate, NSA (%) 1/ 2/	4.7	3.7	-1.0	5.7	3.7	-2.0
Total wage and salary jobs, NSA	604,600	631,200	4.4	588,500	615,200	4.5
Total non-agric. wage & salary jobs	599,600	625,200	4.3	583,500	609,900	4.5
Nat. Resources, Mining, Constr.	36,300	37,900	4.4	36,800	36,600	-0.5
Manufacturing	12,400	12,500	0.8	12,100	12,400	2.5
Wholesale Trade	16,400	15,800	-3.7	16,300	16,000	-1.8
Retail Trade	65,400	65,600	0.3	63,200	64,400	1.9
Transp., Warehousing, Util.	31,400	32,200	2.5	29,500	31,500	6.8
Information	8,200	9,100	11.0	7,900	8,600	8.9
Financial Activities	27,400	25,400	-7.3	27,100	25,900	-4.4
Professional & Business Services	68,800	71,300	3.6	67,700	69,700	3.0
Educational Services	13,600	14,500	6.6	12,800	13,800	7.8
Health Care & Social Assistance	71,500	73,100	2.2	71,600	71,800	0.3
Arts, Entertainment & Recreation	9,800	10,500	7.1	9,200	10,200	10.9
Accommodation	33,200	39,500	19.0	28,600	37,600	31.5
Food Services & Drinking Places	58,800	68,300	16.2	56,200	64,700	15.1
Other Services	25,000	26,000	4.0	24,300	25,600	5.3
Government	121,500	123,700	1.8	120,200	121,100	0.7
Federal	34,800	35,800	2.9	34,700	35,100	1.2
State	68,400	69,300	1.3	66,900	67,400	0.7
Local	18,300	18,500	1.1	18,600	18,500	-0.5
Agriculture wage and salary jobs	5,000	6,000	20.0	5,000	5,300	6.0
State general fund revenues ($1,000)	1,962,857	2,024,093	3.1	8,137,947	9,443,374	16.0
General excise & use tax rev. ($1,000)	917,969	1,044,373	13.8	3,604,330	4,263,353	18.3
Income-individual ($1,000)	700,201	598,929	-14.5	3,355,884	3,497,207	4.2
Declaration estimated taxes ($1,000)	128,131	117,780	-8.1	1,192,377	1,432,741	20.2
Payment with returns ($1,000)	66,438	89,512	34.7	425,111	535,645	26.0
Withholding tax on wages ($1,000)	587,630	641,098	9.1	2,279,315	2,482,684	8.9
Refunds ('-' relative to State) ($1,000)	-81,998	-249,462	204.2	-540,920	-953,864	76.3
Transient accommodations tax ($1,000)	134,951	185,190	37.2	508,298	830,056	63.3
Honolulu County Surcharge ($1,000) 3/	90,459	105,232	16.3	356,949	414,998	16.3
Private Building Permits ($1,000)	661,153	1,281,156	93.8	3,747,106	3,567,020	-4.8
Residential ($1,000)	338,191	702,253	107.6	1,994,753	1,785,072	-10.5
Commercial & industrial ($1,000)	78,031	88,809	13.8	426,166	369,772	-13.2
Additions & alterations ($1,000)	244,931	490,094	100.1	1,326,187	1,412,176	6.5
Visitor Days - by air	18,480,267	21,455,458	16.1	65,312,274	84,793,833	29.8
Domestic visitor days - by air	17,268,665	18,216,804	5.5	63,473,882	75,397,142	18.8
International visitor days - by air	1,211,602	3,238,654	167.3	1,838,392	9,396,691	411.1
Visitor arrivals by air - by air	1,917,643	2,309,637	20.4	6,777,760	9,152,435	35.0
Domestic flight visitors - by air	1,832,710	1,974,071	7.7	6,656,779	8,247,105	23.9
International flight visitors - by air	84,933	335,566	295.1	120,981	905,330	648.3
Visitor expend. - arrivals by air ($1,000)	4,027,171	4,916,394	22.1	13,126,984	19,251,781	46.7
Hotel occupancy rates (%) 2/	62.4	71.3	8.9	57.5	73.6	16.1

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. 2/24/2023

OUTLOOK FOR THE ECONOMY

Hawaii's economy has been greatly impacted by the COVID-19 pandemic. However, during 2022, Hawaii welcomed a total of 9.2 million visitors, representing an 89.4 percent recovery from 2019. U.S. visitor arrivals by air were 12.9 percent higher than those who came during 2019. International visitors arriving by air recovered 30.3 percent. Through 2022 and measured in current prices, total visitor spending was $19.3 billion, or 8.9 percent higher than the spending during 2019.

Visitor arrivals by air to the State during the fourth quarter of 2022 totaled 2,309,637 an increase of 20.4 percent from the same quarter in 2021. The average daily visitor census increased 16.1 percent in the fourth quarter of 2022.

The value of private building permits showed an increase of 95.6 percent or $632.3 million during the fourth quarter of 2022 compared with the same quarter of the previous year. The value for the residential permits increased by $374.4 million or 111.3 percent from the same period in the previous year; followed by the additions & alterations category, which increased by $245.2 million or 100.1 percent, and the value of commercial & industrial building permits, which increased by $10.8 million or 13.8 percent during the same period. In the fourth quarter of 2022, government contracts awarded decreased $3,368.0 million or 86.6 percent compared with the same quarter of the previous year.

At the national level, U.S. real GDP growth began gradually decreasing from the first quarter of 2022, with 3.7 percent growth over the same quarter of the previous year. This was followed by 1.8 percent growth in the second quarter of 2022, 1.9 percent in the third quarter of 2022, and 0.9 percent in the fourth quarter of 2022 as compared to the same quarters of the previous year. The Blue Chip Economic Indicators report from February 10, 2023, which is the consensus of 50 economic forecasting organizations, projected that the U.S. economic growth rate for 2023 will increase by 0.7 percent. The report projected a positive 1.2 percent U.S. economic growth for 2024. For Hawaii, DBEDT estimates that Hawaii's real gross domestic product (GDP) will increase by 1.7 percent in 2023. The forecast then projects 2.1 percent growth in 2024, 1.9 percent in 2025, and 1.8 percent in 2026.

Hawaii will welcome an estimated 9.8 million visitors in 2023, an increase of 6.0 percent from the 2022 level. Visitor arrivals are projected to increase to 10.1 million in 2024, 10.4 million in 2025, and 10.5 million in 2026. Visitor spending is estimated to increase 7.8 percent in 2023. The forecast then projects an increase of 4.6 percent in 2024, 3.8 percent in 2025, and 3.3 percent in 2026.

Non-agriculture payroll jobs are estimated to increase 3.7 percent in 2023. The forecast projects an increase of 2.1 percent in 2024, 1.9 percent in 2025, and 1.4 percent in 2026.

Overall for 2023, the average annual unemployment rate is estimated to be 3.2 percent. The forecast projects a decrease to 2.9 percent in 2024, 2.7 percent in 2025, and 2.6 percent in 2026. These rates are still higher than Hawaii's average unemployment rate of 2.5 percent from 2017 to 2019.

Nominal personal income is estimated to increase by 3.0 percent in 2023. The forecast then projects an increase of 3.1 percent in 2024, 2.9 percent in 2025 and 3.0 percent in 2026.

Hawaii's consumer inflation rate, as measured by the Honolulu Consumer Price Index for All Urban Consumers, is estimated to increase 3.1 percent in 2023. The forecast then projects an increase 2.4 percent in 2024, 2.2 percent in 2025, and 2.1 percent in 2026.

Hawaii's population is expected to remain the same in 2023, and increase 0.1 percent in 2024, 2025, and 2026.

ACTUAL AND FORECAST OF KEY ECONOMIC INDICATORS FOR HAWAII: 2021 TO 2026

Economic Indicators	2021	2022 1/	2023	2024	2025	2026
	Actual		Forecast			
Total population (thousands) 2/	1,447	1,440	1,440	1,441	1,443	1,445
Visitor arrivals (thousands) 3/	6,778	9,248	9,799	10,130	10,369	10,530
Visitor days (thousands) 3/	65,312	85,265	88,697	90,528	92,037	93,130
Visitor expenditures (million dollars) 3/	13,154	19,315	20,825	21,791	22,623	23,364
Honolulu CPI-U (1982-84=100)	296.8	316.1	326.0	333.7	341.0	348.1
Personal income (million dollars)	87,858	87,206	89,822	92,607	95,293	98,151
Real personal income (millions of 2012$)	67,312	64,272	64,917	65,768	66,457	67,290
Personal income deflator (2012=100)	130.5	135.7	138.4	140.8	143.4	145.9
Non-agricultural wage & salary jobs (thousands)	583.5	609.9	632.5	645.7	658.0	667.2
Civilian unemployment rate	6.0	3.5	3.2	2.9	2.7	2.6
Gross domestic product (million dollars)	91,096	97,745	102,060	106,269	110,203	114,107
Real gross domestic product (millions of 2012$)	74,547	75,846	77,135	78,755	80,251	81,696
Gross domestic product deflator (2012=100)	122.2	128.9	132.3	134.9	137.3	139.7
Annual Percentage Change						
Total population	-0.3	-0.5	0.0	0.1	0.1	0.1
Visitor arrivals	150.3	36.4	6.0	3.4	2.4	1.6
Visitor days	127.9	30.6	4.0	2.1	1.7	1.2
Visitor expenditures	154.8	46.8	7.8	4.6	3.8	3.3
Honolulu CPI-U	3.8	6.5	3.1	2.4	2.2	2.1
Personal income	5.7	-0.7	3.0	3.1	2.9	3.0
Real personal income	1.1	-4.5	1.0	1.3	1.0	1.3
Personal income deflator (2012=100)	4.5	4.0	2.0	2.2	2.0	1.9
Non-agricultural wage & salary jobs	4.2	4.5	3.7	2.1	1.9	1.4
Civilian unemployment rate 4/	-5.7	-2.5	-0.3	-0.3	-0.2	-0.1
Gross domestic product	10.4	7.3	4.4	4.1	3.7	3.5
Real gross domestic product	6.3	1.7	1.7	2.1	1.9	1.8
Gross domestic product deflator (2012=100)	3.8	5.5	2.7	2.0	1.8	1.7

NA Not available or not applicable.

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

2/ July 1 count.

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

4/ Absolute change from previous year.

Source: Hawaii State Department of Business, Economic Development & Tourism, March 2, 2023.

COUNTY ECONOMIC CONDITIONS

Overall economic conditions were mainly positive across the counties in the fourth quarter of 2022. The unemployment rate decreased in all counties, while total non-agricultural wage and salary jobs, total visitor arrivals by air, and the value of private building permits all increased in all counties.

In the fourth quarter of 2022, the unemployment rate in Honolulu decreased 0.9 of a percentage point from 4.4 percent to 3.5 percent; the unemployment rate in Maui County decreased 1.7 percentage point from 5.7 percent to 4.0 percent; the unemployment rate in Hawaii County decreased 0.7 of a percentage point from 4.5 percent to 3.8 percent; and the unemployment rate in Kauai County decreased 1.8 percentage point from 5.9 percent to 4.1 percent.

In the fourth quarter of 2022, Honolulu added 17,400 or 4.0 percent non-agricultural wage and salary jobs compared to the same quarter of 2021. The number of jobs increased the most in Food Services and Drinking Places, which added 7,100 jobs or 17.4 percent. This was followed by Accommodation which added 3,600 jobs or 27.1 percent, Professional & Business Services which added 1,200 jobs or 2.2 percent, Other Services which added 1,100 jobs or 5.9 percent, and Natural Resources, Mining, and Construction which added 1,000 jobs or 3.8 percent in the quarter. The Government sector added 2,100 jobs or 2.2 percent in the quarter.

In the fourth quarter of 2022, Hawaii County added 3,000 or 4.5 percent of non-agricultural wage and salary jobs over the same quarter of 2021. The number of jobs increased the most in Accommodation which added 700 jobs or 12.7 percent and also by Food Services and Drinking Places which added 700 jobs or 11.7 percent, Professional & Business Services which added 500 jobs or 8.5 percent, Arts, Entertainment & Recreation which added 300 jobs or 23.1 percent, and Health Care & Social Assistance which added 300 jobs or 4.0 percent in the quarter. The Government sector added 100 jobs or 0.7 percent in the quarter.

Maui County added 3,300 jobs or a 4.6 percent increase in the fourth quarter of 2022 over the same quarter of 2021. The number of jobs increased the most in Food Services and Drinking Places which added 1,200 jobs or 14.5 percent, and by Accommodation which also added 1,200 jobs or 10.9 percent, Professional & Business Services which added 600 jobs or 9.2 percent, and Health Care & Social Assistance which added 400 jobs or 5.1 percent in the quarter. The Government sector jobs was unchanged in the quarter.

Kauai County added 1,900 jobs or a 6.5 percent increase in the fourth quarter of 2022 over the same quarter of 2021. The number of jobs increased the most in Accommodation which added 600 jobs or 17.1 percent. This was followed by Arts, Entertainment & Recreation which added 500 jobs or 55.6 percent, Food Services and Drinking Places which added 500 jobs or 13.5 percent, Professional & Business Services which added 300 jobs or 11.5 percent, and Natural Resources, Mining, and Construction which added 200 jobs or 9.5 percent in the quarter. The Government sector lost 100 jobs or 2.0 percent in the quarter.

In the fourth quarter of 2022, visitor arrivals by air increased in all counties. Visitor arrivals by air increased 35.3 percent in Honolulu, 13.7 percent in Maui, 22.3 percent in Hawaii County, and 22.3 percent in Kauai compared to the same quarter of 2021.

In the fourth quarter of 2022, the value of private building permits increased in all counties. In the fourth quarter of 2022, private building permits increased $565.9 million or 201.7 percent in Honolulu, increased $27.3 million or 16.8 percent in Maui, increased $17.8 million or 21.3 percent in Hawaii County, and increased $9.0 million or 75.0 percent in Kauai (only residential available) from the same quarter of the previous year.

Table 2. 2022 QUARTERLY ECONOMIC INDICATORS: CITY AND COUNTY OF HONOLULU

SERIES	4th QUARTER			YEAR-TO-DATE		
	2021	2022	% CHANGE YEAR AGO	2021	2022	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	456,900	456,800	0.0	451,650	455,900	0.9
Civilian employed, NSA	436,600	440,600	0.9	427,800	439,900	2.8
Civilian unemployed, NSA	20,350	16,200	-20.4	23,900	15,950	-33.3
Unemployment rate, NSA (%) 1/ 2/	4.4	3.5	-0.9	5.3	3.5	-1.8
Total wage and salary jobs, NSA	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	432,500	449,900	4.0	421,800	439,200	4.1
Nat. Resources, Mining, Constr.	26,300	27,300	3.8	26,800	26,500	-1.1
Manufacturing	9,200	9,300	1.1	9,100	9,200	1.1
Wholesale Trade	12,900	12,500	-3.1	12,900	12,700	-1.6
Retail Trade	42,600	42,700	0.2	41,200	41,700	1.2
Transp., Warehousing, Util.	22,900	23,600	3.1	21,500	23,100	7.4
Information	7,000	7,700	10.0	6,700	7,200	7.5
Financial Activities	21,500	19,800	-7.9	21,200	20,200	-4.7
Professional & Business Services	53,700	54,900	2.2	52,800	54,000	2.3
Educational Services	10,800	11,300	4.6	10,100	10,800	6.9
Health Care & Social Assistance	53,400	54,200	1.5	53,400	53,500	0.2
Arts, Entertainment & Recreation	5,800	6,200	6.9	5,400	6,100	13.0
Accommodation	13,300	16,900	27.1	10,800	15,900	47.2
Food Services & Drinking Places	40,700	47,800	17.4	39,100	45,500	16.4
Other Services	18,700	19,800	5.9	18,300	19,300	5.5
Government	93,700	95,800	2.2	92,600	93,600	1.1
Federal	32,200	33,300	3.4	32,100	32,600	1.6
State	49,800	50,700	1.8	48,500	49,200	1.4
Local	11,700	11,800	0.9	11,900	11,800	-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)	280,625	846,522	201.7	2,254,312	2,010,381	-10.8
Residential ($1,000)	98,941	414,610	319.0	1,043,432	806,252	-22.7
Commercial & industrial ($1,000)	2,502	30,564	1,121.6	110,353	115,058	4.3
Additions & alterations ($1,000)	179,182	401,348	124.0	1,100,527	1,089,070	-1.0
Visitor Days - by air	7,302,275	9,293,850	27.3	26,898,075	36,205,901	34.6
Domestic visitor days - by air	6,792,101	7,233,670	6.5	25,893,464	30,198,440	16.6
International visitor days - by air	510,174	2,060,180	303.8	1,004,611	6,007,461	498.0
Visitor arrivals by air - by air	938,544	1,270,275	35.3	3,326,622	4,864,701	46.2
Domestic flight visitors - by air	892,367	1,000,032	12.1	3,250,596	4,144,647	27.5
International flight visitors - by air	46,177	270,244	485.2	76,026	720,054	847.1
Visitor expend. - arrivals by air ($1,000)	1,734,783	2,215,263	27.7	5,708,675	8,517,287	49.2
Hotel occupancy rates (%) 2/	59.1	73.2	14.1	55.6	75.4	19.8

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. 2/22/2023

Table 3. 2022 QUARTERLY ECONOMIC INDICATORS: HAWAII COUNTY

SERIES	4th QUARTER			YEAR-TO-DATE		
	2021	2022	% CHANGE YEAR AGO	2021	2022	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	94,400	94,350	-0.1	93,850	93,700	-0.2
Civilian employed, NSA	90,150	90,750	0.7	88,700	90,200	1.7
Civilian unemployed, NSA	4,250	3,600	-15.3	5,150	3,500	-32.0
Unemployment rate, NSA (%) 1/ 2/	4.5	3.8	-0.7	5.5	3.7	-1.8
Total wage and salary jobs, NSA	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	66,100	69,100	4.5	64,500	67,200	4.2
Nat. Resources, Mining, Constr.	3,700	3,900	5.4	3,700	3,700	0.0
Manufacturing	1,500	1,500	0.0	1,400	1,500	7.1
Wholesale Trade	1,600	1,500	-6.3	1,600	1,500	-6.3
Retail Trade	9,800	9,800	0.0	9,500	9,800	3.2
Transp., Warehousing, Util.	3,000	3,000	0.0	2,900	2,900	0.0
Information	600	600	0.0	600	600	0.0
Financial Activities	2,200	2,100	-4.5	2,300	2,100	-8.7
Professional & Business Services	5,900	6,400	8.5	5,900	6,200	5.1
Educational Services	1,300	1,400	7.7	1,200	1,300	8.3
Health Care & Social Assistance	7,500	7,800	4.0	7,500	7,500	0.0
Arts, Entertainment & Recreation	1,300	1,600	23.1	1,300	1,500	15.4
Accommodation	5,500	6,200	12.7	5,000	6,000	20.0
Food Services & Drinking Places	6,000	6,700	11.7	5,800	6,400	10.3
Other Services	2,100	2,100	0.0	2,000	2,100	5.0
Government	14,300	14,400	0.7	14,100	14,100	0.0
Federal	1,200	1,200	0.0	1,300	1,200	-7.7
State	10,400	10,500	1.0	10,100	10,200	1.0
Local	2,700	2,700	0.0	2,700	2,700	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)	191,060	208,822	9.3	727,067	855,139	17.6
Residential ($1,000)	111,858	147,059	31.5	425,926	502,342	17.9
Commercial & industrial ($1,000)	58,172	18,413	-68.3	188,639	150,239	-20.4
Additions & alterations ($1,000)	21,030	43,349	106.1	112,502	202,558	80.0
Visitor Days - by air	3,180,124	3,541,382	11.4	10,964,869	13,848,075	26.3
Domestic visitor days - by air	3,035,687	3,247,927	7.0	10,799,284	13,098,508	21.3
International visitor days - by air	144,437	293,456	103.2	165,585	749,566	352.7
Visitor arrivals by air - by air	348,745	426,442	22.3	1,183,458	1,674,208	41.5
Domestic flight visitors - by air	338,911	383,987	13.3	1,172,729	1,566,602	33.6
International flight visitors - by air	9,834	42,456	331.7	10,729	107,606	903.0
Visitor expend. - arrivals by air ($1,000)	586,161	698,915	19.2	1,837,189	2,675,271	45.6
Hotel occupancy rates (%) 2/	69.4	72.8	3.4	60.5	74.9	14.4

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. 2/22/2023

Table 4. 2022 QUARTERLY ECONOMIC INDICATORS: MAUI COUNTY

SERIES	4th QUARTER 2021	4th QUARTER 2022	4th QUARTER % CHANGE YEAR AGO	YEAR-TO-DATE 2021	YEAR-TO-DATE 2022	YEAR-TO-DATE % CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	88,050	87,300	-0.9	86,950	87,450	0.6
Civilian employed, NSA	83,000	83,800	1.0	80,600	83,750	3.9
Civilian unemployed, NSA	5,050	3,450	-31.7	6,400	3,700	-42.2
Unemployment rate, NSA (%) 1/ 2/	5.7	4.0	-1.7	7.4	4.2	-3.2
Total wage and salary jobs, NSA	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	71,700	75,000	4.6	69,100	73,300	6.1
Nat. Resources, Mining, Constr.	4,200	4,300	2.4	4,200	4,200	0.0
Manufacturing	1,100	1,200	9.1	1,000	1,100	10.0
Wholesale Trade	1,400	1,400	0.0	1,400	1,400	0.0
Retail Trade	9,100	9,100	0.0	8,900	9,000	1.1
Transp., Warehousing, Util.	4,000	4,000	0.0	3,700	4,000	8.1
Information	500	600	20.0	500	600	20.0
Financial Activities	2,700	2,700	0.0	2,600	2,700	3.8
Professional & Business Services	6,500	7,100	9.2	6,300	6,800	7.9
Educational Services	1,300	1,300	0.0	1,200	1,300	8.3
Health Care & Social Assistance	7,900	8,300	5.1	7,900	8,000	1.3
Arts, Entertainment & Recreation	1,800	1,300	-27.8	1,700	1,500	-11.8
Accommodation	11,000	12,200	10.9	9,900	11,900	20.2
Food Services & Drinking Places	8,300	9,500	14.5	8,000	9,000	12.5
Other Services	3,200	3,100	-3.1	3,000	3,100	3.3
Government	8,700	8,700	0.0	8,700	8,600	-1.1
Federal	900	900	0.0	900	900	0.0
State	5,200	5,100	-1.9	5,200	5,100	-1.9
Local	2,600	2,700	3.8	2,600	2,600	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)	162,490	189,834	16.8	635,569	572,019	-10.0
Residential ($1,000)	100,413	104,605	4.2	395,237	346,996	-12.2
Commercial & industrial ($1,000)	17,358	39,831	129.5	127,174	104,474	-17.8
Additions & alterations ($1,000)	44,719	45,397	1.5	113,158	120,548	6.5
Visitor Days - by air	5,674,675	6,066,263	6.9	20,443,525	24,279,696	18.8
Domestic visitor days - by air	5,177,191	5,313,579	2.6	19,836,684	22,040,947	11.1
International visitor days - by air	497,484	752,683	51.3	606,841	2,238,749	268.9
Visitor arrivals by air - by air	640,476	728,213	13.7	2,340,915	2,959,886	26.4
Domestic flight visitors - by air	604,548	646,505	6.9	2,298,908	2,721,609	18.4
International flight visitors - by air	35,928	81,708	127.4	42,007	238,278	467.2
Visitor expend. - arrivals by air ($1,000)	1,263,488	1,475,896	16.8	4,176,417	5,877,015	40.7
Hotel occupancy rates (%) 2/	64.6	64.7	0.1	60.3	67.6	7.3

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. 2/22/2023

Table 5. 2022 QUARTERLY ECONOMIC INDICATORS: KAUAI COUNTY

SERIES	4th QUARTER			YEAR-TO-DATE		
	2021	2022	% CHANGE YEAR AGO	2021	2022	% CHANGE YEAR AGO
Civilian labor force, NSA (persons) 1/	36,800	37,000	0.5	35,950	36,700	2.1
Civilian employed, NSA	34,600	35,500	2.6	33,150	35,050	5.7
Civilian unemployed, NSA	2,200	1,500	-31.8	2,800	1,600	-42.9
Unemployment rate, NSA (%) 1/ 2/	5.9	4.1	-1.8	7.8	4.4	-3.4
Total wage and salary jobs, NSA	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total non-agric. wage & salary jobs	29,400	31,300	6.5	27,900	30,200	8.2
Nat. Resources, Mining, Constr.	2,100	2,300	9.5	2,100	2,200	4.8
Manufacturing	500	600	20.0	500	600	20.0
Wholesale Trade	500	400	-20.0	500	400	-20.0
Retail Trade	3,900	3,900	0.0	3,600	3,900	8.3
Transp., Warehousing, Util.	1,600	1,600	0.0	1,400	1,600	14.3
Information	200	200	0.0	200	200	0.0
Financial Activities	1,000	900	-10.0	1,000	900	-10.0
Professional & Business Services	2,600	2,900	11.5	2,700	2,700	0.0
Educational Services	300	300	0.0	300	300	0.0
Health Care & Social Assistance	2,800	2,800	0.0	2,800	2,800	0.0
Arts, Entertainment & Recreation	900	1,400	55.6	900	1,200	33.3
Accommodation	3,500	4,100	17.1	2,800	3,800	35.7
Food Services & Drinking Places	3,700	4,200	13.5	3,300	3,900	18.2
Other Services	1,000	1,000	0.0	1,000	1,100	10.0
Government	4,900	4,800	-2.0	5,000	4,900	-2.0
Federal	500	500	0.0	600	500	-16.7
State	3,100	3,000	-3.2	3,100	3,000	-3.2
Local	1,300	1,300	0.0	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)	26,978	48,281	79.0	130,159	141,785	8.9
Residential ($1,000)	26,978	48,281	79.0	130,159	141,785	8.9
Commercial & industrial ($1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Additions & alterations ($1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Visitor Days - by air	2,323,193	2,553,962	9.9	7,005,805	10,460,160	49.3
Domestic visitor days - by air	2,263,686	2,421,628	7.0	6,944,451	10,059,246	44.9
International visitor days - by air	59,507	132,334	122.4	61,355	400,914	553.4
Visitor arrivals by air - by air	275,787	337,201	22.3	813,647	1,345,265	65.3
Domestic flight visitors - by air	270,013	314,122	16.3	807,658	1,285,060	59.1
International flight visitors - by air	5,774	23,079	299.7	5,990	60,205	905.2
Visitor expend. - arrivals by air ($1,000)	442,738	526,320	18.9	1,404,703	2,182,208	55.4
Hotel occupancy rates (%) 2/	69.6	75.3	5.7	57.2	77.7	20.4

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.

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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. 2/22/2023

A. LABOR FORCE AND JOBS

Hawaii's labor market conditions were mostly positive in the fourth quarter of 2022. The civilian labor force and civilian employment increased, while the civilian unemployment and the unemployment rate decreased. Civilian non-agricultural wage and salary jobs increased.

In the fourth quarter of 2022, the civilian labor force averaged 675,450 people, a decrease of 750 people or 0.1 percent from the same quarter of 2021 (Table A-1). In 2022, the civilian labor force increased 5,300 people or 0.8 percent from the previous year.

Civilian employment averaged 650,700 people in the fourth quarter of 2022, an increase of 6,300 people or 1.0 percent compared to the same quarter of 2021 (Table A-2). In 2022, average civilian employment increased 18,700 people or 3.0 percent from the previous year.

In the fourth quarter of 2022, the number of civilian unemployed averaged 24,800, a decrease of 7,000 people or 22.0 percent from the same quarter of 2021 (Table A-3). In 2022, the number of unemployed decreased 13,450 people or 35.2 percent from the previous year.

The unemployment rate (not seasonally adjusted) was 3.7 percent in the fourth quarter of 2022, 1.0 percentage point below the fourth quarter of 2021 (Table A-4). In 2022, the unemployment rate decreased 2.0 percentage points from the previous year's 5.7 percent to 3.7 percent.

In the fourth quarter of 2022, Hawaii's non-agricultural wage and salary jobs averaged 625,200 jobs, an increase of 25,600 jobs or 4.3 percent from the same quarter of 2021 (Table A-6). In 2022, average non-agricultural wage and salary jobs increased 4.5 percent or 26,400 jobs from the previous year.

The job increase in the fourth quarter of 2022 was due to job increases in both the private sector and the government sector. In this quarter, the private sector added about 23,400 non-agricultural jobs compared to the fourth quarter of 2021. 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 9,500 jobs or 16.2 percent (Table A-19); followed by Accommodation, which added 6,300 jobs or 19.0 percent (Table A-18), Professional & Business Services, which added 2,500 jobs or 3.6 percent (Table A-14), Natural Resources, Mining, and Construction, which added 1,600 jobs or 4.4 percent (Table A-7), and Health Care and Social Services, which added 1,600 jobs or 2.2 percent (Table A-16), in the quarter.

The Government sector added 2,200 jobs or 1.8 percent (Table A-21) in the fourth quarter of 2022 compared to the same quarter of 2021. The Federal Government added 1,000 jobs or 2.9 percent (Table A-22), the State Government added 900 jobs or 1.3 percent (Table A-23), and the Local Government added 200 jobs or 1.1 percent (Table A-24), compared to the fourth quarter of 2021.

Table A-1. CIVILIAN LABOR FORCE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1982	451,250	456,600	461,600	462,700	458,050
1983	465,450	468,100	477,200	472,700	470,850
1984	471,550	478,200	474,600	471,550	473,950
1985	475,500	480,250	484,400	486,400	481,650
1986	488,100	491,800	496,800	495,950	493,150
1987	501,800	510,950	515,500	517,800	511,550
1988	516,400	517,550	521,100	518,000	518,250
1989	523,100	529,100	533,750	534,150	530,000
1990	541,000	550,750	553,350	556,800	550,500
1991	561,100	564,700	568,000	565,600	564,850
1992	570,850	577,050	580,700	579,200	576,950
1993	580,350	584,950	582,850	580,300	582,100
1994	583,500	583,500	583,350	582,550	583,200
1995	583,600	587,650	586,900	583,300	585,350
1996	590,050	595,200	596,900	597,800	594,950
1997	601,500	602,850	603,800	598,800	601,750
1998	600,300	603,100	604,950	602,250	602,650
1999	602,100	604,600	604,400	603,550	603,650
2000	607,100	607,550	603,000	603,900	605,400
2001	609,350	608,450	605,550	606,900	607,550
2002	603,750	602,700	601,850	598,900	601,800
2003	603,100	604,150	603,250	605,300	603,950
2004	608,050	610,700	612,700	615,500	611,750
2005	618,300	624,200	629,800	629,800	625,550
2006	631,050	634,500	637,200	638,900	635,400
2007	639,050	637,250	634,500	636,100	636,700
2008	641,050	645,450	642,450	637,150	641,550
2009	633,450	633,750	632,350	628,350	631,950
2010	637,250	648,800	652,850	655,300	648,550
2011	661,650	662,800	660,700	657,400	660,650
2012	652,600	652,000	648,900	648,150	650,400
2013	647,050	651,050	651,200	654,650	651,000
2014	661,650	664,650	664,450	665,350	664,000
2015	669,450	671,600	669,350	671,900	670,600
2016	678,300	678,350	679,950	679,950	679,100
2017 2/ 3/	700,750	698,600	693,150	688,750	695,300
2018 2/ 3/	695,950	695,450	689,550	687,000	692,000
2019 2/ 3/	687,400	682,350	683,250	685,750	684,700
2020 2/ 3/	688,900	648,700	655,150	657,200	662,500
2021 2/ 3/	658,700	665,750	673,000	676,200	668,400
2022 3/	672,650	669,850	676,800	675,450	673,700
Percentage Change from the Same Period in Previous Year 1/					
1983	3.1	2.5	3.4	2.2	2.8
1984	1.3	2.2	-0.5	-0.2	0.7
1985	0.8	0.4	2.1	3.1	1.6
1986	2.6	2.4	2.6	2.0	2.4
1987	2.8	3.9	3.8	4.4	3.7
1988	2.9	1.3	1.1	0.0	1.3
1989	1.3	2.2	2.4	3.1	2.3
1990	3.4	4.1	3.7	4.2	3.9
1991	3.7	2.5	2.6	1.6	2.6
1992	1.7	2.2	2.2	2.4	2.1
1993	1.7	1.4	0.4	0.2	0.9
1994	0.5	-0.2	0.1	0.4	0.2
1995	0.0	0.7	0.6	0.1	0.4
1996	1.1	1.3	1.7	2.5	1.6
1997	1.9	1.3	1.2	0.2	1.1
1998	-0.2	0.0	0.2	0.6	0.1
1999	0.3	0.2	-0.1	0.2	0.2
2000	0.8	0.5	-0.2	0.1	0.3
2001	0.4	0.1	0.4	0.5	0.4
2002	-0.9	-0.9	-0.6	-1.3	-0.9
2003	-0.1	0.2	0.2	1.1	0.4
2004	0.8	1.1	1.6	1.7	1.3
2005	1.7	2.2	2.8	2.3	2.3
2006	2.1	1.7	1.2	1.4	1.6
2007	1.3	0.4	-0.4	-0.4	0.2
2008	0.3	1.3	1.3	0.2	0.8
2009	-1.2	-1.8	-1.6	-1.4	-1.5
2010	0.6	2.4	3.2	4.3	2.6
2011	3.8	2.2	1.2	0.3	1.9
2012	-1.4	-1.6	-1.8	-1.4	-1.6
2013	-0.9	-0.1	0.4	1.0	0.1
2014	2.3	2.1	2.0	1.6	2.0
2015	1.2	1.0	0.7	1.0	1.0
2016	1.3	1.0	1.6	1.2	1.3
2017 2/ 3/	3.3	3.0	1.9	1.3	2.4
2018 2/ 3/	-0.7	-0.5	-0.5	-0.3	-0.5
2019 2/ 3/	-1.2	-1.9	-0.9	-0.2	-1.1
2020 2/ 3/	0.2	-4.9	-4.1	-4.2	-3.2
2021 2/ 3/	-4.4	2.6	2.7	2.9	0.9
2022 3/	2.1	0.6	0.6	-0.1	0.8

1/ Data rounded to nearest 50.
2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimatio
3/ 2022 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table A-2. CIVILIAN EMPLOYED

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1982	424,700	427,450	432,600	435,450	430,050
1983	436,750	438,850	449,550	446,800	443,000
1984	445,950	451,400	448,750	446,700	448,200
1985	451,550	454,250	458,200	462,050	456,500
1986	463,750	466,800	474,050	476,150	470,200
1987	482,300	490,450	496,400	501,400	492,650
1988	500,150	501,150	504,700	503,200	502,300
1989	509,550	515,550	520,800	522,100	517,000
1990	526,800	534,850	538,850	544,100	536,150
1991	546,450	548,600	551,650	549,550	549,050
1992	550,450	552,750	555,500	553,400	553,000
1993	554,350	558,900	557,850	555,850	556,750
1994	553,750	552,700	551,150	554,150	552,950
1995	554,550	554,250	552,050	551,650	553,100
1996	555,150	558,950	561,200	563,200	559,600
1997	565,850	565,800	566,600	565,750	566,000
1998	566,250	567,650	567,900	568,400	567,550
1999	569,400	571,600	572,650	575,550	572,300
2000	580,400	580,750	577,050	580,700	579,750
2001	584,800	582,050	580,800	578,350	579,900
2002	577,400	577,400	578,200	577,450	577,600
2003	581,100	579,200	578,450	582,650	580,350
2004	586,550	589,800	593,100	596,900	591,600
2005	600,350	606,150	611,850	613,000	607,850
2006	614,900	616,200	620,950	625,450	619,350
2007	623,350	620,000	616,100	617,400	619,200
2008	621,450	621,300	614,400	605,900	615,750
2009	593,900	590,550	588,750	586,000	589,800
2010	593,050	604,700	607,700	611,350	604,200
2011	617,350	617,300	613,850	613,400	615,450
2012	610,350	611,100	611,350	615,150	612,000
2013	615,200	619,900	620,350	624,600	620,000
2014	632,000	635,500	636,150	640,050	635,900
2015	644,550	647,200	647,050	651,600	647,600
2016	658,300	657,400	660,150	662,400	659,550
2017 2/	682,900	681,650	678,600	676,350	679,850
2018 2/	681,050	678,950	672,600	670,100	675,700
2019 2/	668,600	664,350	666,600	672,100	667,900
2020 2/	674,500	518,450	555,650	583,350	583,000
2021 2/	614,100	626,200	636,050	644,400	630,200
2022 3/	647,550	644,700	652,650	650,700	648,900
Percentage Change from the Same Period in Previous Year 1/					
1983	2.8	2.7	3.9	2.6	3.0
1984	2.1	2.9	-0.2	0.0	1.2
1985	1.3	0.6	2.1	3.4	1.9
1986	2.7	2.8	3.5	3.1	3.0
1987	4.0	5.1	4.7	5.3	4.8
1988	3.7	2.2	1.7	0.4	2.0
1989	1.9	2.9	3.2	3.8	2.9
1990	3.4	3.7	3.5	4.2	3.7
1991	3.7	2.6	2.4	1.0	2.4
1992	0.7	0.8	0.7	0.7	0.7
1993	0.7	1.1	0.4	0.4	0.7
1994	-0.1	-1.1	-1.2	-0.3	-0.7
1995	0.1	0.3	0.2	-0.5	0.0
1996	0.1	0.8	1.7	2.1	1.2
1997	1.9	1.2	1.0	0.5	1.1
1998	0.1	0.3	0.2	0.5	0.3
1999	0.6	0.7	0.8	1.3	0.8
2000	1.9	1.6	0.8	0.9	1.3
2001	0.8	0.2	0.6	-0.4	0.0
2002	-1.3	-0.8	-0.4	-0.2	-0.4
2003	0.6	0.3	0.0	0.9	0.5
2004	0.9	1.8	2.5	2.4	1.9
2005	2.4	2.8	3.2	2.7	2.7
2006	2.4	1.7	1.5	2.0	1.9
2007	1.4	0.6	-0.8	-1.3	0.0
2008	-0.3	0.2	-0.3	-1.9	-0.6
2009	-4.4	-4.9	-4.2	-3.3	-4.2
2010	-0.1	2.4	3.2	4.3	2.4
2011	4.1	2.1	1.0	0.3	1.9
2012	-1.1	-1.0	-0.4	0.3	-0.6
2013	0.8	1.4	1.5	1.5	1.3
2014	2.7	2.5	2.5	2.5	2.6
2015	2.0	1.8	1.7	1.8	1.8
2016	2.1	1.6	2.0	1.7	1.8
2017 2/	3.7	3.7	2.8	2.1	3.1
2018 2/	-0.3	-0.4	-0.9	-0.9	-0.6
2019 2/	-1.8	-2.2	-0.9	0.3	-1.2
2020 2/	0.9	-22.0	-16.6	-13.2	-12.7
2021 2/	-9.0	20.8	14.5	10.5	8.1
2022 3/	5.4	3.0	2.6	1.0	3.0

1/ Data rounded to nearest 50.
2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestima
3/ 2022 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table A-3. CIVILIAN UNEMPLOYED

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1982	26,550	29,200	29,000	27,250	28,000
1983	28,700	29,250	27,600	25,900	27,850
1984	25,600	26,800	25,850	24,850	25,750
1985	23,950	26,000	26,200	24,350	25,150
1986	24,350	25,000	22,750	19,800	22,950
1987	19,550	20,550	19,150	16,450	18,900
1988	16,250	16,400	16,450	14,800	15,950
1989	13,550	13,550	12,900	12,050	13,000
1990	14,200	15,900	14,550	12,700	14,350
1991	14,600	16,100	16,400	16,050	15,800
1992	20,400	24,300	25,200	25,800	23,950
1993	26,000	26,050	25,050	24,450	25,400
1994	29,750	30,800	32,200	28,400	30,300
1995	29,100	33,450	34,850	31,600	32,250
1996	34,850	36,250	35,700	34,600	35,350
1997	35,650	37,050	37,250	33,100	35,750
1998	34,100	35,450	37,050	33,900	35,100
1999	32,700	33,000	31,750	28,000	31,350
2000	26,650	26,800	25,950	23,200	25,650
2001	24,550	26,350	24,750	28,600	27,650
2002	26,350	25,300	23,600	21,450	24,150
2003	21,950	24,950	24,800	22,650	23,600
2004	21,550	20,900	19,600	18,600	20,150
2005	17,950	18,050	17,950	16,800	17,700
2006	16,200	18,300	16,300	13,450	16,050
2007	15,650	17,250	18,350	18,650	17,500
2008	19,600	24,150	28,050	31,300	25,750
2009	39,550	43,150	43,600	42,350	42,150
2010	44,200	44,050	45,100	44,000	44,350
2011	44,300	45,500	46,850	44,050	45,150
2012	42,250	40,850	37,600	33,000	38,450
2013	31,850	31,150	30,850	30,050	30,950
2014	29,650	29,150	28,350	25,300	28,100
2015	24,900	24,400	22,300	20,300	23,000
2016	20,000	20,950	19,800	17,550	19,550
2017 2/	17,850	16,950	14,550	12,400	15,450
2018 2/	14,850	16,500	16,950	16,900	16,300
2019 2/	18,800	18,000	16,650	13,600	16,800
2020 2/	14,400	130,250	99,500	73,850	79,500
2021 2/	44,600	39,550	37,000	31,800	38,250
2022 3/	25,100	25,150	24,100	24,800	24,800
Percentage Change from the Same Period in Previous Year 1/					
1983	8.1	0.2	-4.8	-5.0	-0.5
1984	-10.8	-8.4	-6.3	-4.1	-7.5
1985	-6.4	-3.0	1.4	-2.0	-2.3
1986	1.7	-3.8	-13.2	-18.7	-8.7
1987	-19.7	-17.8	-15.8	-16.9	-17.6
1988	-16.9	-20.2	-14.1	-10.0	-15.6
1989	-16.6	-17.4	-21.6	-18.6	-18.5
1990	4.8	17.3	12.8	5.4	10.4
1991	2.8	1.3	12.7	26.4	10.1
1992	39.7	50.9	53.7	60.7	51.6
1993	27.5	7.2	-0.6	-5.2	6.1
1994	14.4	18.2	28.5	16.2	19.3
1995	-2.2	8.6	8.2	11.3	6.4
1996	19.8	8.4	2.4	9.5	9.6
1997	2.3	2.2	4.3	-4.3	1.1
1998	-4.3	-4.3	-0.5	2.4	-1.8
1999	-4.1	-6.9	-14.3	-17.4	-10.7
2000	-18.5	-18.8	-18.3	-17.1	-18.2
2001	-7.9	-1.7	-4.6	23.3	7.8
2002	7.3	-4.0	-4.6	-25.0	-12.7
2003	-16.7	-1.4	5.1	5.6	-2.3
2004	-1.8	-16.2	-21.0	-17.9	-14.6
2005	-16.7	-13.6	-8.4	-9.7	-12.2
2006	-9.7	1.4	-9.2	-19.9	-9.3
2007	-3.4	-5.7	12.6	38.7	9.0
2008	25.2	40.0	52.9	67.8	47.1
2009	101.8	78.7	55.4	35.3	63.7
2010	11.8	2.1	3.4	3.9	5.2
2011	0.2	3.3	3.9	0.1	1.8
2012	-4.6	-10.2	-19.7	-25.1	-14.8
2013	-24.6	-23.7	-18.0	-8.9	-19.5
2014	-6.9	-6.4	-8.1	-15.8	-9.2
2015	-16.0	-16.3	-21.3	-19.8	-18.1
2016	-19.7	-14.1	-11.2	-13.5	-15.0
2017 2/	-10.8	-19.1	-26.5	-29.3	-21.0
2018 2/	-16.8	-2.7	16.5	36.3	5.5
2019 2/	26.6	9.1	-1.8	-19.5	3.1
2020 2/	-23.4	623.6	497.6	443.0	373.2
2021 2/	209.7	-69.6	-62.8	-56.9	-51.9
2022 3/	-43.7	-36.4	-34.9	-22.0	-35.2

1/ Data rounded to nearest 50.
2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimatio
3/ 2022 data are preliminary. Q3 revised from previous *QSER.*

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table A-4. CIVILIAN UNEMPLOYMENT RATE

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Percent of the Civilian Labor Force 1/					
1982	5.9	6.4	6.3	5.9	6.1
1983	6.2	6.2	5.8	5.5	5.9
1984	5.4	5.6	5.4	5.3	5.4
1985	5.0	5.4	5.4	5.0	5.2
1986	5.0	5.1	4.6	4.0	4.7
1987	3.9	4.0	3.7	3.2	3.7
1988	3.2	3.2	3.2	2.9	3.1
1989	2.6	2.6	2.4	2.3	2.5
1990	2.6	2.9	2.6	2.3	2.6
1991	2.6	2.8	2.9	2.8	2.8
1992	3.6	4.2	4.4	4.5	4.1
1993	4.5	4.5	4.3	4.2	4.4
1994	5.1	5.3	5.5	4.9	5.2
1995	5.0	5.7	6.0	5.4	5.5
1996	5.9	6.1	6.0	5.8	5.9
1997	5.9	6.1	6.2	5.5	5.9
1998	5.7	5.8	6.1	5.6	5.8
1999	5.4	5.5	5.3	4.6	5.2
2000	4.4	4.4	4.3	3.8	4.2
2001	4.0	4.3	4.1	4.7	4.6
2002	4.3	4.2	3.9	3.6	4.0
2003	3.6	4.1	4.1	3.7	3.9
2004	3.5	3.4	3.2	3.0	3.3
2005	2.9	2.9	2.8	2.7	2.8
2006	2.5	2.9	2.5	2.1	2.5
2007	2.5	2.7	2.9	3.0	2.7
2008	3.0	3.7	4.4	4.9	4.0
2009	6.3	6.8	6.9	6.7	6.7
2010	6.9	6.8	6.9	6.7	6.8
2011	6.7	6.9	7.1	6.7	6.8
2012	6.5	6.3	5.8	5.1	5.9
2013	4.9	4.8	4.7	4.6	4.8
2014	4.5	4.4	4.3	3.8	4.2
2015	3.7	3.6	3.3	3.0	3.4
2016	2.9	3.1	2.9	2.6	2.9
2017 2/	2.6	2.4	2.1	1.8	2.2
2018 2/	2.1	2.4	2.5	2.4	2.4
2019 2/	2.7	2.6	2.4	2.0	2.5
2020 2/	2.1	20.1	15.2	11.2	12.0
2021 2/	6.8	6.0	5.5	4.7	5.7
2022 3/	3.7	3.7	3.6	3.7	3.7

1/ Data rounded to nearest 0.1 percent.
2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimation.
3/ 2022 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

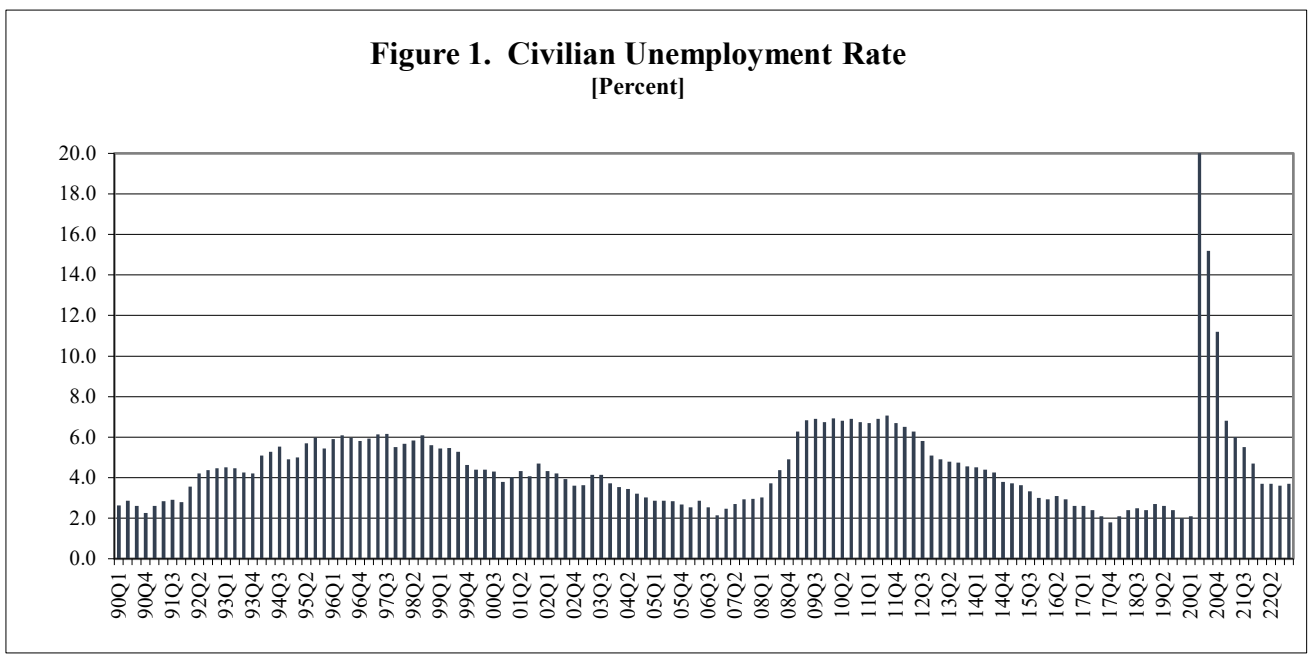


Table A-5. TOTAL WAGE AND SALARY JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	528,900	538,000	536,300	548,800	537,950
1991	546,700	546,600	546,100	555,000	548,550
1992	552,200	553,900	548,300	553,700	552,000
1993	548,800	551,900	540,900	548,000	547,350
1994	543,400	546,100	538,900	548,000	544,100
1995	542,900	543,400	533,600	541,200	540,300
1996	538,600	538,700	533,600	542,000	538,300
1997	539,900	540,400	534,100	541,400	539,000
1998	537,200	540,600	536,200	542,700	539,150
1999	535,600	542,500	541,200	553,400	543,200
2000	550,700	560,600	558,200	569,900	559,800
2001	562,950	566,600	562,200	560,100	563,000
2002	556,350	564,450	562,600	574,800	564,500
2003	571,650	574,350	571,900	583,850	575,400
2004	581,600	589,650	589,250	605,150	591,400
2005	599,700	609,200	608,800	620,050	609,400
2006	616,650	624,900	623,400	634,650	624,850
2007	628,950	632,700	628,100	639,400	632,300
2008	632,850	631,150	620,100	621,700	626,450
2009	606,250	601,950	590,150	596,850	598,750
2010	590,700	595,000	588,500	603,100	594,300
2011 2/ 3/	597,700	600,900	597,200	611,300	601,800
2012 3/	603,200	613,100	612,600	627,300	614,100
2013 3/	619,000	625,400	623,200	638,300	626,500
2014 3/	631,400	634,800	631,200	644,300	635,500
2015 3/	639,700	643,700	641,800	657,000	645,500
2016 3/	649,000	652,500	651,000	661,700	653,600
2017 3/	658,500	662,100	655,500	667,700	661,000
2018 3/	663,600	664,700	658,000	671,500	664,500
2019 3/	662,400	663,000	657,100	669,800	663,100
2020 3/	665,300	519,200	521,600	550,400	564,200
2021 3/	563,200	588,500	597,600	604,600	588,500
2022 3/	604,000	611,200	614,000	631,200	615,200
Percentage Change from the Same Period in Previous Year					
1991	3.4	1.6	1.8	1.1	2.0
1992	1.0	1.3	0.4	-0.2	0.6
1993	-0.6	-0.4	-1.3	-1.0	-0.8
1994	-1.0	-1.1	-0.4	0.0	-0.6
1995	-0.1	-0.5	-1.0	-1.2	-0.7
1996	-0.8	-0.9	0.0	0.1	-0.4
1997	0.2	0.3	0.1	-0.1	0.1
1998	-0.5	0.0	0.4	0.2	0.0
1999	-0.3	0.4	0.9	2.0	0.8
2000	2.8	3.3	3.1	3.0	3.1
2001	2.2	1.1	0.7	-1.7	0.6
2002	-1.2	-0.4	0.1	2.6	0.3
2003	2.8	1.8	1.7	1.6	1.9
2004	1.7	2.7	3.0	3.6	2.8
2005	3.1	3.3	3.3	2.5	3.0
2006	2.8	2.6	2.4	2.4	2.5
2007	2.0	1.2	0.8	0.7	1.2
2008	0.6	-0.2	-1.3	-2.8	-0.9
2009	-4.2	-4.6	-4.8	-4.0	-4.4
2010	-2.6	-1.2	-0.3	1.0	-0.7
2011 2/ 3/	1.2	1.0	1.5	1.4	1.3
2012 3/	0.9	2.0	2.6	2.6	2.0
2013 3/	2.6	2.0	1.7	1.8	2.0
2014 3/	2.0	1.5	1.3	0.9	1.4
2015 3/	1.3	1.4	1.7	2.0	1.6
2016 3/	1.5	1.4	1.4	0.7	1.3
2017 3/	1.5	1.5	0.7	0.9	1.1
2018 3/	0.8	0.4	0.4	0.6	0.5
2019 3/	-0.2	-0.3	-0.1	-0.3	-0.2
2020 3/	0.4	-21.7	-20.6	-17.8	-14.9
2021 3/	-15.3	13.3	14.6	9.8	4.3
2022 3/	7.2	3.9	2.7	4.4	4.5

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

2/ Jobs data for 2011 had been benchmarked by DLIR in March 2013 for Non-Agricultural Wage and Salary Jobs (A-6) and Agriculture jobs (A-25). The estimates for monthly 2011 Agriculture jobs were withdrawn by DLIR as of the March 2014 benchmark.

3/ Non-agricultural jobs for 2019 and 2020 were benchmarked by DLIR in March 2021. Beginning with 2011 Q1, Agriculture jobs estimates are U.S. Department of Agriculture National Agricultural Statistics Service (NASS) quarterly survey conducted for January, April, June and October data. No survey was conducted in April, 2011, 2011Q2 is estimated.

Source: Hawaii Department of Business Economic Development & Tourism, monthly and annual data <https://dbedt.hawaii.gov/economic/job-count-by-industry/>; Hawaii Department of Labor & Industrial Relations <https://www.hirenethawaii.com/gsipub/index.asp?docid=727> and U.S. Department of Agriculture, National Statistics Service <http://quickstats.nass.usda.gov/> accessed February 24, 2023.

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	520,000	528,600	525,900	539,300	528,400
1991	537,900	537,200	535,900	545,100	539,000
1992	543,000	544,600	538,600	544,700	542,700
1993	540,000	543,600	532,100	539,600	538,800
1994	535,300	538,100	530,500	540,500	536,100
1995	535,800	536,400	526,300	533,400	533,000
1996	531,400	531,500	526,100	534,400	530,900
1997	533,100	533,600	526,600	533,800	531,800
1998	530,000	533,200	528,200	535,000	531,600
1999	528,600	535,200	533,000	545,100	535,500
2000	542,700	552,900	550,000	562,100	551,900
2001	555,650	559,450	554,800	552,350	555,600
2002	548,950	557,400	555,450	567,550	557,300
2003	564,550	567,250	564,750	576,800	568,300
2004	574,500	582,450	581,850	597,600	584,100
2005	592,600	602,450	601,950	613,150	602,500
2006	609,700	618,000	616,400	627,650	617,900
2007	622,150	626,150	621,750	633,000	625,800
2008	626,450	624,900	614,050	615,850	620,300
2009	600,200	595,850	583,950	590,450	592,600
2010	584,500	588,800	582,300	596,600	588,000
2011	590,700	593,900	590,200	604,300	594,800
2012	597,200	607,100	605,600	620,300	607,600
2013	613,000	619,400	616,200	631,300	620,000
2014	624,400	627,800	624,200	637,300	628,500
2015	633,700	637,700	634,800	650,000	639,000
2016	643,000	646,500	645,000	655,700	647,600
2017	652,500	656,100	649,500	661,700	655,000
2018	656,600	658,700	652,000	665,500	658,200
2019	657,400	658,000	653,100	665,800	658,600
2020 2/	660,300	515,200	517,600	546,400	559,900
2021 2/	558,200	583,500	592,600	599,600	583,500
2022	599,000	606,200	609,000	625,200	609,900
Percentage Change from the Same Period in Previous Year					
1991	3.4	1.6	1.9	1.1	2.0
1992	0.9	1.4	0.5	-0.1	0.7
1993	-0.6	-0.2	-1.2	-0.9	-0.7
1994	-0.9	-1.0	-0.3	0.2	-0.5
1995	0.1	-0.3	-0.8	-1.3	-0.6
1996	-0.8	-0.9	0.0	0.2	-0.4
1997	0.3	0.4	0.1	-0.1	0.2
1998	-0.6	-0.1	0.3	0.2	0.0
1999	-0.3	0.4	0.9	1.9	0.7
2000	2.7	3.3	3.2	3.1	3.1
2001	2.4	1.2	0.9	-1.7	0.7
2002	-1.2	-0.4	0.1	2.8	0.3
2003	2.8	1.8	1.7	1.6	2.0
2004	1.8	2.7	3.0	3.6	2.8
2005	3.2	3.4	3.5	2.6	3.2
2006	2.9	2.6	2.4	2.4	2.6
2007	2.0	1.3	0.9	0.9	1.3
2008	0.7	-0.2	-1.2	-2.7	-0.9
2009	-4.2	-4.6	-4.9	-4.1	-4.5
2010	-2.6	-1.2	-0.3	1.0	-0.8
2011	1.1	0.9	1.4	1.3	1.2
2012	1.1	2.2	2.6	2.6	2.2
2013	2.6	2.0	1.8	1.8	2.0
2014	1.9	1.4	1.3	1.0	1.4
2015	1.5	1.6	1.7	2.0	1.7
2016	1.5	1.4	1.6	0.9	1.3
2017	1.5	1.5	0.7	0.9	1.1
2018	0.6	0.4	0.4	0.6	0.5
2019	0.1	-0.1	0.2	0.0	0.1
2020 2/	0.4	-21.7	-20.7	-17.9	-15.0
2021 2/	-15.5	13.3	14.5	9.7	4.2
2022	7.3	3.9	2.8	4.3	4.5

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

2/ 2020 and 2021 data benchmarked in March 2022.

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.

Table A-7. NATURAL RESOURCES, MINING & CONSTRUCTION

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	34,400	34,900	36,000	37,000	35,600
1991	36,200	36,500	36,300	35,400	36,100
1992	33,700	33,800	33,900	34,800	34,100
1993	35,000	35,000	34,900	33,400	34,600
1994	31,000	31,300	31,400	30,200	31,000
1995	28,000	27,800	28,200	27,300	27,800
1996	25,200	25,100	25,500	24,900	25,200
1997	23,800	23,500	24,000	23,800	23,800
1998	22,600	22,800	23,500	23,400	23,100
1999	22,200	22,700	23,500	23,600	23,000
2000	23,700	24,800	26,200	26,100	25,200
2001	25,150	25,000	25,450	25,100	25,200
2002	25,050	26,050	27,300	27,550	26,500
2003	27,350	28,350	29,200	29,050	28,500
2004	28,250	29,550	30,750	31,550	30,000
2005	31,850	33,650	35,150	35,650	34,100
2006	35,400	36,400	38,000	39,100	37,200
2007	38,550	39,550	40,550	40,800	39,900
2008	39,750	39,100	38,700	37,100	38,700
2009	34,050	32,600	31,750	30,700	32,300
2010	29,800	29,600	29,700	30,000	29,800
2011	28,800	29,600	30,400	30,200	29,700
2012	29,400	29,900	30,800	31,500	30,400
2013	31,100	32,000	32,500	32,600	32,100
2014	32,000	32,700	33,900	34,300	33,200
2015	33,500	35,200	36,900	38,700	36,100
2016	38,800	39,300	39,800	38,700	39,200
2017	37,300	37,500	37,600	37,100	37,400
2018	36,500	37,500	38,200	38,100	37,600
2019	37,100	37,600	37,900	37,900	37,600
2020 2/	37,000	36,300	36,600	37,000	36,700
2021 2/	36,800	37,200	36,800	36,300	36,800
2022	36,200	35,900	36,300	37,900	36,600
Percentage Change from the Same Period in Previous Year					
1991	5.2	4.6	0.8	-4.3	1.4
1992	-6.9	-7.4	-6.6	-1.7	-5.5
1993	3.9	3.6	2.9	-4.0	1.5
1994	-11.4	-10.6	-10.0	-9.6	-10.4
1995	-9.7	-11.2	-10.2	-9.6	-10.3
1996	-10.0	-9.7	-9.6	-8.8	-9.4
1997	-5.6	-6.4	-5.9	-4.4	-5.6
1998	-5.0	-3.0	-2.1	-1.7	-2.9
1999	-1.8	-0.4	0.0	0.9	-0.4
2000	6.8	9.3	11.5	10.6	9.6
2001	6.1	0.8	-2.9	-3.8	0.0
2002	-0.4	4.2	7.3	9.8	5.2
2003	9.2	8.8	7.0	5.4	7.5
2004	3.3	4.2	5.3	8.6	5.3
2005	12.7	13.9	14.3	13.0	13.7
2006	11.1	8.2	8.1	9.7	9.1
2007	8.9	8.7	6.7	4.3	7.3
2008	3.1	-1.1	-4.6	-9.1	-3.0
2009	-14.3	-16.6	-18.0	-17.3	-16.5
2010	-12.5	-9.2	-6.5	-2.3	-7.7
2011	-3.4	0.0	2.4	0.7	-0.3
2012	2.1	1.0	1.3	4.3	2.4
2013	5.8	7.0	5.5	3.5	5.6
2014	2.9	2.2	4.3	5.2	3.4
2015	4.7	7.6	8.8	12.8	8.7
2016	15.8	11.6	7.9	0.0	8.6
2017	-3.9	-4.6	-5.5	-4.1	-4.6
2018	-2.1	0.0	1.6	2.7	0.5
2019	1.6	0.3	-0.8	-0.5	0.0
2020 2/	-0.3	-3.5	-3.4	-2.4	-2.4
2021 2/	-0.5	2.5	0.5	-1.9	0.3
2022	-1.6	-3.5	-1.4	4.4	-0.5

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2020 and 2021 data benchmarked by DLIR in March 2022.
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.

Table A-8. MANUFACTURING JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	20,800	20,500	20,600	20,400	20,600
1991	20,200	19,900	19,900	19,500	19,900
1992	18,700	18,800	19,200	18,600	18,800
1993	17,700	17,800	17,700	17,200	17,600
1994	16,700	17,100	17,000	16,500	16,800
1995	16,100	16,200	16,400	16,400	16,300
1996	16,000	15,900	16,200	15,900	16,000
1997	15,800	15,900	16,000	15,900	15,900
1998	15,700	15,700	15,900	15,800	15,800
1999	15,600	15,900	16,200	16,300	16,000
2000	16,200	16,400	16,700	16,800	16,500
2001	16,700	16,650	16,650	16,100	16,500
2002	15,750	15,350	15,150	15,050	15,300
2003	14,800	15,050	15,150	15,500	15,100
2004	15,450	15,550	15,500	15,450	15,500
2005	15,350	15,300	15,450	15,450	15,400
2006	15,300	15,400	15,650	15,650	15,500
2007	15,500	15,500	15,450	15,400	15,500
2008	15,250	15,300	15,050	14,650	15,100
2009	14,150	13,850	13,800	13,700	13,900
2010	13,300	13,100	13,100	13,400	13,200
2011	13,400	13,500	13,700	13,800	13,600
2012	13,600	13,400	13,600	13,800	13,600
2013	13,700	13,700	13,900	14,100	13,800
2014	13,900	13,900	14,400	14,400	14,200
2015	14,300	14,300	14,400	14,600	14,400
2016	14,400	14,400	14,600	14,600	14,500
2017	14,400	14,600	14,800	14,900	14,700
2018	14,800	14,500	14,400	14,400	14,500
2019	14,200	14,100	14,000	14,000	14,100
2020 2/	13,800	11,100	11,400	11,700	12,000
2021 2/	11,600	11,800	12,400	12,400	12,100
2022	12,200	12,400	12,500	12,500	12,400
Percentage Change from the Same Period in Previous Year					
1991	-2.9	-2.9	-3.4	-4.4	-3.4
1992	-7.4	-5.5	-3.5	-4.6	-5.5
1993	-5.3	-5.3	-7.8	-7.5	-6.4
1994	-5.6	-3.9	-4.0	-4.1	-4.5
1995	-3.6	-5.3	-3.5	-0.6	-3.0
1996	-0.6	-1.9	-1.2	-3.0	-1.8
1997	-1.3	0.0	-1.2	0.0	-0.6
1998	-0.6	-1.3	-0.6	-0.6	-0.6
1999	-0.6	1.3	1.9	3.2	1.3
2000	3.8	3.1	3.1	3.1	3.1
2001	3.1	1.5	-0.3	-4.2	0.0
2002	-5.7	-7.8	-9.0	-6.5	-7.3
2003	-6.0	-2.0	0.0	3.0	-1.3
2004	4.4	3.3	2.3	-0.3	2.6
2005	-0.6	-1.6	-0.3	0.0	-0.6
2006	-0.3	0.7	1.3	1.3	0.6
2007	1.3	0.6	-1.3	-1.6	0.0
2008	-1.6	-1.3	-2.6	-4.9	-2.6
2009	-7.2	-9.5	-8.3	-6.5	-7.9
2010	-6.0	-5.4	-5.1	-2.2	-5.0
2011	0.8	3.1	4.6	3.0	3.0
2012	1.5	-0.7	-0.7	0.0	0.0
2013	0.7	2.2	2.2	2.2	1.5
2014	1.5	1.5	3.6	2.1	2.9
2015	2.9	2.9	0.0	1.4	1.4
2016	0.7	0.7	1.4	0.0	0.7
2017	0.0	1.4	1.4	2.1	1.4
2018	2.8	-0.7	-2.7	-3.4	-1.4
2019	-4.1	-2.8	-2.8	-2.8	-2.8
2020 2/	-2.8	-21.3	-18.6	-16.4	-14.9
2021 2/	-15.9	6.3	8.8	6.0	0.8
2022	5.2	5.1	0.8	0.8	2.5

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2018, and to 50 for 2001-2009.

2/ 2020 and 2021 data benchmarked by DLIR in March 2022.

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.

Table A-9. WHOLESALE TRADE JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	17,300	17,400	17,700	17,800	17,600
1991	17,300	17,200	17,400	17,500	17,400
1992	17,100	17,100	17,200	17,000	17,100
1993	16,900	17,000	16,700	16,500	16,800
1994	16,300	16,400	16,500	16,400	16,400
1995	16,300	16,300	16,100	16,000	16,200
1996	16,000	15,900	16,000	15,800	15,900
1997	15,600	15,600	15,800	15,900	15,700
1998	15,800	15,900	15,900	16,000	15,900
1999	15,700	15,800	15,900	16,100	15,900
2000	16,100	16,200	16,500	16,600	16,300
2001	16,500	16,600	16,650	16,400	16,500
2002	16,250	16,400	16,650	16,950	16,600
2003	16,750	16,850	17,000	17,050	16,900
2004	16,950	17,200	17,300	17,500	17,200
2005	17,450	17,700	18,000	18,150	17,800
2006	17,900	18,150	18,350	18,550	18,200
2007	18,450	18,650	18,900	19,250	18,800
2008	19,100	19,150	19,150	18,950	19,100
2009	18,400	18,150	18,050	18,050	18,200
2010	17,800	17,900	17,900	18,000	17,900
2011	17,600	17,700	17,800	18,000	17,800
2012	17,800	17,900	18,100	18,200	18,000
2013	18,000	18,000	18,000	18,000	18,000
2014	18,000	18,000	18,000	18,300	18,100
2015	18,200	18,300	18,400	18,300	18,300
2016	18,100	18,200	18,300	18,400	18,300
2017	18,300	18,300	18,400	18,500	18,400
2018	18,300	18,300	18,300	18,400	18,300
2019	18,400	18,300	18,200	18,300	18,300
2020 2/	18,100	16,100	15,800	15,900	16,500
2021 2/	16,000	16,300	16,600	16,400	16,300
2022	16,400	16,100	15,800	15,800	16,000
Percentage Change from the Same Period in Previous Year					
1991	0.0	-1.1	-1.7	-1.7	-1.1
1992	-1.2	-0.6	-1.1	-2.9	-1.7
1993	-1.2	-0.6	-2.9	-2.9	-1.8
1994	-3.6	-3.5	-1.2	-0.6	-2.4
1995	0.0	-0.6	-2.4	-2.4	-1.2
1996	-1.8	-2.5	-0.6	-1.3	-1.9
1997	-2.5	-1.9	-1.3	0.6	-1.3
1998	1.3	1.9	0.6	0.6	1.3
1999	-0.6	-0.6	0.0	0.6	0.0
2000	2.5	2.5	3.8	3.1	2.5
2001	2.5	2.5	0.9	-1.2	1.2
2002	-1.5	-1.2	0.0	3.4	0.6
2003	3.1	2.7	2.1	0.6	1.8
2004	1.2	2.1	1.8	2.6	1.8
2005	2.9	2.9	4.0	3.7	3.5
2006	2.6	2.5	1.9	2.2	2.2
2007	3.1	2.8	3.0	3.8	3.3
2008	3.5	2.7	1.3	-1.6	1.6
2009	-3.7	-5.2	-5.7	-4.7	-4.7
2010	-3.3	-1.4	-0.8	-0.3	-1.6
2011	-1.1	-1.1	-0.6	0.0	-0.6
2012	1.1	1.1	1.7	1.1	1.1
2013	1.1	0.6	-0.6	-1.1	0.0
2014	0.0	0.0	0.0	1.7	0.6
2015	1.1	1.7	2.2	0.0	1.1
2016	-0.5	-0.5	-0.5	0.5	0.0
2017	1.1	0.5	0.5	0.5	0.5
2018	0.0	0.0	-0.5	-0.5	-0.5
2019	0.5	0.0	-0.5	-0.5	0.0
2020 2/	-1.6	-12.0	-13.2	-13.1	-9.8
2021 2/	-11.6	1.2	5.1	3.1	-1.2
2022	2.5	-1.2	-4.8	-3.7	-1.8

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2018, and to 50 for 2001-2009.

2/ 2020 and 2021 data benchmarked by DLIR in March 2022.

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.

Table A-10. RETAIL TRADE JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	66,500	66,600	67,500	68,900	67,400
1991	67,700	66,400	67,200	68,600	67,500
1992	68,000	67,300	67,600	68,400	67,800
1993	66,200	66,900	67,600	68,800	67,400
1994	66,600	66,100	67,000	70,000	67,400
1995	68,200	67,400	68,600	70,500	68,700
1996	68,500	67,300	67,400	68,000	67,800
1997	67,600	66,300	65,600	66,600	66,500
1998	64,900	63,800	63,900	65,600	64,600
1999	63,800	64,000	64,800	67,400	65,000
2000	65,700	65,300	66,400	68,700	66,500
2001	66,950	66,250	66,350	65,850	66,300
2002	63,450	63,350	64,250	65,700	64,200
2003	63,700	63,350	64,550	66,650	64,600
2004	65,550	65,850	67,050	70,200	67,200
2005	68,550	68,350	69,550	71,750	69,500
2006	70,050	69,650	69,800	71,750	70,300
2007	70,250	69,950	70,050	72,300	70,700
2008	70,700	70,100	69,950	69,750	70,100
2009	67,500	65,900	66,100	67,700	66,800
2010	65,900	65,600	66,000	67,800	66,300
2011	66,700	66,300	67,000	69,400	67,400
2012	68,300	68,400	68,800	71,400	69,200
2013	69,500	69,300	69,800	71,900	70,100
2014	69,500	69,400	70,000	72,300	70,300
2015	70,800	70,400	70,800	73,100	71,300
2016	71,000	69,900	70,700	73,100	71,200
2017	71,200	70,900	71,400	73,600	71,800
2018	72,000	71,700	72,200	73,900	72,500
2019	71,700	70,800	70,900	72,400	71,500
2020 2/	70,800	56,000	57,300	61,500	61,400
2021 2/	61,600	62,300	63,400	65,400	63,200
2022	64,700	63,400	64,000	65,600	64,400
Percentage Change from the Same Period in Previous Year					
1991	1.8	-0.3	-0.4	-0.4	0.1
1992	0.4	1.4	0.6	-0.3	0.4
1993	-2.6	-0.6	0.0	0.6	-0.6
1994	0.6	-1.2	-0.9	1.7	0.0
1995	2.4	2.0	2.4	0.7	1.9
1996	0.4	-0.1	-1.7	-3.5	-1.3
1997	-1.3	-1.5	-2.7	-2.1	-1.9
1998	-4.0	-3.8	-2.6	-1.5	-2.9
1999	-1.7	0.3	1.4	2.7	0.6
2000	3.0	2.0	2.5	1.9	2.3
2001	1.9	1.5	-0.1	-4.1	-0.3
2002	-5.2	-4.4	-3.2	-0.2	-3.2
2003	0.4	0.0	0.5	1.4	0.6
2004	2.9	3.9	3.9	5.3	4.0
2005	4.6	3.8	3.7	2.2	3.4
2006	2.2	1.9	0.4	0.0	1.2
2007	0.3	0.4	0.4	0.8	0.6
2008	0.6	0.2	-0.1	-3.5	-0.8
2009	-4.5	-6.0	-5.5	-2.9	-4.7
2010	-2.4	-0.5	-0.2	0.1	-0.7
2011	1.2	1.1	1.5	2.4	1.7
2012	2.4	3.2	2.7	2.9	2.7
2013	1.8	1.3	1.5	0.7	1.3
2014	0.0	0.1	0.3	0.6	0.3
2015	1.9	1.4	1.1	1.1	1.4
2016	0.3	-0.7	-0.1	0.0	-0.1
2017	0.3	1.4	1.0	0.7	0.8
2018	1.1	1.1	1.1	0.4	1.0
2019	-0.4	-1.3	-1.8	-2.0	-1.4
2020 2/	-1.3	-20.9	-19.2	-15.1	-14.1
2021 2/	-13.0	11.3	10.6	6.3	2.9
2022	5.0	1.8	0.9	0.3	1.9

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2020 and 2021 data benchmarked in March 2022.
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.

Table A-11. TRANSP., WAREHOUSING, & UTILITIES JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs					
1990	27,800	28,100	28,600	29,200	28,400
1991	28,900	28,900	29,500	30,000	29,300
1992	29,600	29,700	30,100	29,700	29,800
1993	29,500	29,200	29,100	29,300	29,300
1994	28,900	29,200	28,800	28,700	28,900
1995	28,300	28,500	28,400	28,300	28,400
1996	27,900	27,500	27,800	28,300	27,900
1997	28,300	28,100	28,100	28,100	28,200
1998	27,800	27,900	27,600	27,400	27,700
1999	26,900	27,400	27,600	28,000	27,500
2000	27,800	28,200	28,400	28,800	28,300
2001	28,950	29,200	29,250	26,750	28,500
2002	25,800	26,300	26,700	27,050	26,500
2003	27,150	26,750	26,800	26,950	26,900
2004	27,050	28,350	28,750	29,350	28,400
2005	29,550	30,950	31,750	31,550	31,000
2006	31,950	33,050	33,850	33,250	33,000
2007	32,950	32,900	32,950	33,300	33,000
2008	32,250	30,100	28,500	27,900	29,700
2009	27,350	27,000	26,750	26,450	26,900
2010	26,400	26,500	26,700	27,200	26,700
2011	27,100	27,000	27,200	27,800	27,300
2012	27,900	28,200	28,800	29,200	28,500
2013	29,200	29,500	29,900	30,200	29,700
2014	30,100	30,300	30,200	30,800	30,300
2015	30,900	31,000	31,100	31,400	31,100
2016	31,300	31,600	32,200	32,700	32,000
2017	32,600	32,600	33,200	33,500	33,000
2018	33,400	33,700	33,800	34,100	33,700
2019	33,900	35,600	36,200	36,700	35,600
2020 2/	36,500	24,100	23,600	25,600	27,500
2021 2/	26,500	29,300	30,800	31,400	29,500
2022	31,200	31,000	31,600	32,200	31,500
Percentage Change from the Same Period in Previous Year					
1991	4.0	2.8	3.1	2.7	3.2
1992	2.4	2.8	2.0	-1.0	1.7
1993	-0.3	-1.7	-3.3	-1.3	-1.7
1994	-2.0	0.0	-1.0	-2.0	-1.4
1995	-2.1	-2.4	-1.4	-1.4	-1.7
1996	-1.4	-3.5	-2.1	0.0	-1.8
1997	1.4	2.2	1.1	-0.7	1.1
1998	-1.8	-0.7	-1.8	-2.5	-1.8
1999	-3.2	-1.8	0.0	2.2	-0.7
2000	3.3	2.9	2.9	2.9	2.9
2001	4.1	3.5	3.0	-7.1	0.7
2002	-10.9	-9.9	-8.7	1.1	-7.0
2003	5.2	1.7	0.4	-0.4	1.5
2004	-0.4	6.0	7.3	8.9	5.6
2005	9.2	9.2	10.4	7.5	9.2
2006	8.1	6.8	6.6	5.4	6.5
2007	3.1	-0.5	-2.7	0.2	0.0
2008	-2.1	-8.5	-13.5	-16.2	-10.0
2009	-15.2	-10.3	-6.1	-5.2	-9.4
2010	-3.5	-1.9	-0.2	2.8	-0.7
2011	2.7	1.9	1.9	2.2	2.2
2012	3.0	4.4	5.9	5.0	4.4
2013	4.7	4.6	3.8	3.4	4.2
2014	3.1	2.7	1.0	2.0	2.0
2015	2.7	2.3	3.0	1.9	2.6
2016	1.3	1.9	3.5	4.1	2.9
2017	4.2	3.2	3.1	2.4	3.1
2018	2.5	3.4	1.8	1.8	2.1
2019	1.5	5.6	7.1	7.6	5.6
2020 2/	7.7	-32.3	-34.8	-30.2	-22.8
2021 2/	-27.4	21.6	30.5	22.7	7.3
2022	17.7	5.8	2.6	2.5	6.8

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2020 and 2021 data benchmarked in March 2022.
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.

Table A-12. INFORMATION JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	9,600	9,800	9,800	10,000	9,800
1991	9,800	9,900	9,700	9,900	9,800
1992	10,300	9,700	10,500	10,500	10,300
1993	10,300	9,900	9,900	9,700	10,000
1994	10,200	10,100	10,200	10,900	10,400
1995	10,400	10,200	10,400	10,400	10,400
1996	10,600	10,600	10,400	11,300	10,700
1997	10,600	11,200	11,400	11,000	11,100
1998	11,100	11,500	11,600	11,800	11,500
1999	11,200	11,400	11,800	11,800	11,600
2000	11,600	12,500	12,600	12,500	12,300
2001	12,200	11,950	11,700	11,600	11,900
2002	11,650	11,450	11,500	11,300	11,500
2003	10,850	10,850	10,050	10,100	10,500
2004	10,350	10,550	11,150	11,500	10,900
2005	10,550	10,800	10,900	11,300	10,900
2006	11,050	10,750	10,700	10,750	10,800
2007	10,850	11,000	10,600	10,400	10,700
2008	10,150	10,850	9,800	9,850	10,200
2009	9,400	9,250	8,900	9,150	9,200
2010	9,600	10,100	9,900	9,900	9,900
2011	9,400	8,100	8,400	8,600	8,600
2012	8,500	8,300	8,400	9,000	8,500
2013	8,500	8,200	9,000	9,700	8,900
2014	8,500	8,500	8,700	8,700	8,600
2015	8,700	8,400	8,700	9,400	8,800
2016	8,500	8,800	9,300	9,100	8,900
2017	9,200	9,400	9,500	8,500	9,100
2018	8,900	9,800	9,200	9,100	9,300
2019	9,200	8,300	8,700	8,800	8,800
2020 2/	8,800	6,700	6,500	7,100	7,300
2021 2/	8,100	7,500	7,800	8,200	7,900
2022	8,200	8,400	8,600	9,100	8,600
Percentage Change from the Same Period in Previous Year					
1991	2.1	1.0	-1.0	-1.0	0.0
1992	5.1	-2.0	8.2	6.1	5.1
1993	0.0	2.1	-5.7	-7.6	-2.9
1994	-1.0	2.0	3.0	12.4	4.0
1995	2.0	1.0	2.0	-4.6	0.0
1996	1.9	3.9	0.0	8.7	2.9
1997	0.0	5.7	9.6	-2.7	3.7
1998	4.7	2.7	1.8	7.3	3.6
1999	0.9	-0.9	1.7	0.0	0.9
2000	3.6	9.6	6.8	5.9	6.0
2001	5.2	-4.4	-7.1	-7.2	-3.3
2002	-4.5	-4.2	-1.7	-2.6	-3.4
2003	-6.9	-5.2	-12.6	-10.6	-8.7
2004	-4.6	-2.8	10.9	13.9	3.8
2005	1.9	2.4	-2.2	-1.7	0.0
2006	4.7	-0.5	-1.8	-4.9	-0.9
2007	-1.8	2.3	-0.9	-3.3	-0.9
2008	-6.5	-1.4	-7.5	-5.3	-4.7
2009	-7.4	-14.7	-9.2	-7.1	-9.8
2010	2.1	9.2	11.2	8.2	7.6
2011	-2.1	-19.8	-15.2	-13.1	-13.1
2012	-9.6	2.5	0.0	4.7	-1.2
2013	0.0	-1.2	7.1	7.8	4.7
2014	0.0	3.7	-3.3	-10.3	-3.4
2015	2.4	-1.2	0.0	8.0	2.3
2016	-2.3	4.8	6.9	-3.2	1.1
2017	8.2	6.8	2.2	-6.6	2.2
2018	-3.3	4.3	-3.2	7.1	2.2
2019	3.4	-15.3	-5.4	-3.3	-5.4
2020 2/	-4.3	-19.3	-25.3	-19.3	-17.0
2021 2/	-8.0	11.9	20.0	15.5	8.2
2022	1.2	12.0	10.3	11.0	8.9

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2020 and 2021 data benchmarked in March 2022.
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.

Table A-13. FINANCIAL ACTIVITIES JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	30,700	31,200	31,900	32,000	31,400
1991	31,400	31,400	31,700	31,800	31,600
1992	31,000	31,100	31,300	31,500	31,200
1993	31,900	32,300	32,500	32,400	32,300
1994	32,600	31,700	31,800	31,400	31,900
1995	31,000	30,800	30,900	30,800	30,900
1996	30,800	30,700	30,700	30,500	30,700
1997	30,600	30,200	30,100	29,900	30,200
1998	30,000	30,000	30,400	30,300	30,200
1999	29,900	29,900	29,500	29,300	29,700
2000	28,800	28,800	28,900	28,900	28,900
2001	28,550	28,550	28,350	27,950	28,300
2002	27,650	27,900	28,100	28,450	28,000
2003	28,200	28,600	29,050	29,050	28,700
2004	28,950	29,150	29,200	29,550	29,200
2005	29,300	29,450	29,850	30,100	29,700
2006	30,050	30,450	30,500	30,500	30,400
2007	30,450	30,550	30,550	30,500	30,500
2008	30,050	30,250	29,950	29,300	29,900
2009	28,400	28,350	28,150	28,050	28,200
2010	27,600	27,400	27,400	27,500	27,500
2011	27,200	27,200	27,300	27,300	27,200
2012	27,100	27,300	27,500	27,600	27,400
2013	27,500	27,900	27,900	28,000	27,800
2014	27,900	28,200	28,500	28,600	28,300
2015	28,600	29,000	28,900	28,800	28,800
2016	29,000	29,100	29,500	29,500	29,300
2017	29,400	29,400	29,500	29,600	29,500
2018	29,600	29,700	29,600	29,900	29,700
2019	29,700	30,100	30,000	30,200	30,000
2020 2/	29,900	26,800	26,200	26,500	27,300
2021 2/	26,600	27,000	27,300	27,400	27,100
2022	26,300	26,000	25,700	25,400	25,900
Percentage Change from the Same Period in Previous Year					
1991	2.3	0.6	-0.6	-0.6	0.6
1992	-1.3	-1.0	-1.3	-0.9	-1.3
1993	2.9	3.9	3.8	2.9	3.5
1994	2.2	-1.9	-2.2	-3.1	-1.2
1995	-4.9	-2.8	-2.8	-1.9	-3.1
1996	-0.6	-0.3	-0.6	-1.0	-0.6
1997	-0.6	-1.6	-2.0	-2.0	-1.6
1998	-2.0	-0.7	1.0	1.3	0.0
1999	-0.3	-0.3	-3.0	-3.3	-1.7
2000	-3.7	-3.7	-2.0	-1.4	-2.7
2001	-0.9	-0.9	-1.9	-3.3	-2.1
2002	-3.2	-2.3	-0.9	1.8	-1.1
2003	2.0	2.5	3.4	2.1	2.5
2004	2.7	1.9	0.5	1.7	1.7
2005	1.2	1.0	2.2	1.9	1.7
2006	2.6	3.4	2.2	1.3	2.4
2007	1.3	0.3	0.2	0.0	0.3
2008	-1.3	-1.0	-2.0	-3.9	-2.0
2009	-5.5	-6.3	-6.0	-4.3	-5.7
2010	-2.8	-3.4	-2.7	-2.0	-2.5
2011	-1.4	-0.7	-0.4	-0.7	-1.1
2012	-0.4	0.4	0.7	1.1	0.7
2013	1.5	2.2	1.5	1.4	1.5
2014	1.5	1.1	2.2	2.1	1.8
2015	2.5	2.8	1.4	0.7	1.8
2016	1.4	0.3	2.1	2.4	1.7
2017	1.4	1.0	0.0	0.3	0.7
2018	0.7	1.0	0.3	1.0	0.7
2019	0.3	1.3	1.4	1.0	1.0
2020 2/	0.7	-11.0	-12.7	-12.3	-9.0
2021 2/	-11.0	0.7	4.2	3.4	-0.7
2022	-1.1	-3.7	-5.9	-7.3	-4.4

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2020 and 2021 data benchmarked in March 2022.
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.

Table A-14. PROFESSIONAL & BUSINESS SERVICES JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	49,300	49,600	50,500	50,900	50,100
1991	50,900	50,600	51,000	51,100	50,900
1992	51,000	51,400	51,900	52,000	51,600
1993	51,800	51,800	51,300	51,700	51,700
1994	52,000	52,400	52,300	52,700	52,400
1995	53,000	52,900	52,900	53,000	53,000
1996	54,200	54,100	54,600	54,700	54,400
1997	55,100	54,600	54,600	54,800	54,800
1998	54,500	54,400	54,600	54,200	54,400
1999	54,400	55,100	55,800	57,200	55,600
2000	57,400	58,300	59,200	60,300	58,800
2001	60,200	60,950	61,600	60,800	60,900
2002	61,300	63,250	64,900	65,700	63,800
2003	65,200	65,250	66,250	66,400	65,800
2004	65,900	65,750	66,750	67,450	66,500
2005	67,950	68,950	70,000	71,450	69,600
2006	71,600	72,000	72,400	71,150	71,800
2007	70,350	70,450	71,150	71,900	71,000
2008	70,400	70,050	69,500	68,900	69,700
2009	66,850	65,000	64,050	64,800	65,200
2010	64,100	64,500	65,300	66,200	65,000
2011	67,400	68,100	68,300	69,600	68,300
2012	68,300	69,700	70,000	71,100	69,800
2013	71,300	71,600	72,200	74,000	72,300
2014	73,500	74,000	73,700	74,500	73,900
2015	74,000	73,900	73,700	74,300	74,000
2016	72,800	72,900	72,900	73,100	72,900
2017	72,500	72,900	73,000	73,300	72,900
2018	72,500	72,800	73,200	74,300	73,200
2019 2/	73,200	72,500	73,200	73,900	73,200
2020 2/	73,400	62,100	61,200	64,600	65,300
2021 2/	65,800	68,200	68,100	68,800	67,700
2022 3/	68,300	69,000	70,400	71,300	69,700
Percentage Change from the Same Period in Previous Year					
1991	3.2	2.0	1.0	0.4	1.6
1992	0.2	1.6	1.8	1.8	1.4
1993	1.6	0.8	-1.2	-0.6	0.2
1994	0.4	1.2	1.9	1.9	1.4
1995	1.9	1.0	1.1	0.6	1.1
1996	2.3	2.3	3.2	3.2	2.6
1997	1.7	0.9	0.0	0.2	0.7
1998	-1.1	-0.4	0.0	-1.1	-0.7
1999	-0.2	1.3	2.2	5.5	2.2
2000	5.5	5.8	6.1	5.4	5.8
2001	4.9	4.5	4.1	0.8	3.6
2002	1.8	3.8	5.4	8.1	4.8
2003	6.4	3.2	2.1	1.1	3.1
2004	1.1	0.8	0.8	1.6	1.1
2005	3.1	4.9	4.9	5.9	4.7
2006	5.4	4.4	3.4	-0.4	3.2
2007	-1.7	-2.2	-1.7	1.1	-1.1
2008	0.1	-0.6	-2.3	-4.2	-1.8
2009	-5.0	-7.2	-7.8	-6.0	-6.5
2010	-4.1	-0.8	2.0	2.2	-0.3
2011	5.1	5.6	4.6	5.1	5.1
2012	1.3	2.3	2.5	2.2	2.2
2013	4.4	2.7	3.1	4.1	3.6
2014	3.1	3.4	2.1	0.7	2.2
2015	0.7	-0.1	0.0	-0.3	0.1
2016	-1.6	-1.4	-1.1	-1.6	-1.5
2017	-0.4	0.0	0.1	0.3	0.0
2018	0.0	-0.1	0.3	1.4	0.4
2019 2/	1.0	-0.4	0.0	-0.5	0.0
2020 2/	0.3	-14.3	-16.4	-12.6	-10.8
2021 2/	-10.4	9.8	11.3	6.5	3.7
2022 3/	3.8	1.2	3.4	3.6	3.0

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2019 to 2021 data benchmarked in March 2022.
3/ Q3 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.

Table A-15. EDUCATIONAL SERVICES JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	9,000	8,900	8,400	9,500	8,900
1991	9,400	9,200	9,000	9,500	9,300
1992	9,700	9,600	9,200	9,900	9,600
1993	10,000	9,900	9,300	10,000	9,800
1994	9,800	9,800	9,000	10,200	9,700
1995	9,900	9,900	9,400	10,200	9,800
1996	10,100	10,200	9,700	10,500	10,100
1997	10,400	10,500	10,400	10,900	10,600
1998	10,500	10,800	10,500	11,200	10,800
1999	11,000	11,000	10,700	11,300	11,000
2000	11,400	11,300	10,800	11,700	11,300
2001	11,550	11,750	11,550	12,250	11,800
2002	12,100	12,250	11,800	12,750	12,200
2003	12,600	12,800	12,750	13,250	12,900
2004	13,050	13,300	12,900	13,650	13,200
2005	13,650	13,950	13,450	14,000	13,800
2006	13,900	14,350	13,950	14,250	14,100
2007	14,300	14,850	14,250	14,950	14,600
2008	14,750	15,100	14,600	15,250	14,900
2009	15,050	15,050	14,300	15,000	14,900
2010	14,800	14,700	14,000	15,000	14,600
2011	14,800	14,700	14,200	15,300	14,800
2012	15,200	15,400	15,000	15,400	15,300
2013	15,300	15,500	14,800	15,000	15,200
2014	14,700	14,500	13,900	14,700	14,400
2015	14,900	15,200	14,600	15,400	15,000
2016	14,700	14,700	14,500	14,500	14,600
2017	14,700	14,700	14,000	14,900	14,600
2018	14,900	14,900	14,000	14,700	14,600
2019	14,400	14,200	13,800	14,500	14,200
2020 2/	14,400	11,200	10,900	11,900	12,100
2021 2/	12,400	12,800	12,600	13,600	12,800
2022 3/	13,500	13,800	13,500	14,500	13,800
Percentage Change from the Same Period in Previous Year					
1991	4.4	3.4	7.1	0.0	4.5
1992	3.2	4.3	2.2	4.2	3.2
1993	3.1	3.1	1.1	1.0	2.1
1994	-2.0	-1.0	-3.2	2.0	-1.0
1995	1.0	1.0	4.4	0.0	1.0
1996	2.0	3.0	3.2	2.9	3.1
1997	3.0	2.9	7.2	3.8	5.0
1998	1.0	2.9	1.0	2.8	1.9
1999	4.8	1.9	1.9	0.9	1.9
2000	3.6	2.7	0.9	3.5	2.7
2001	1.3	4.0	6.9	4.7	4.4
2002	4.8	4.3	2.2	4.1	3.4
2003	4.1	4.5	8.1	3.9	5.7
2004	3.6	3.9	1.2	3.0	2.3
2005	4.6	4.9	4.3	2.6	4.5
2006	1.8	2.9	3.7	1.8	2.2
2007	2.9	3.5	2.2	4.9	3.5
2008	3.1	1.7	2.5	2.0	2.1
2009	2.0	-0.3	-2.1	-1.6	0.0
2010	-1.7	-2.3	-2.1	0.0	-2.0
2011	0.0	0.0	1.4	2.0	1.4
2012	2.7	4.8	5.6	0.7	3.4
2013	0.7	0.6	-1.3	-2.6	-0.7
2014	-3.9	-6.5	-6.1	-2.0	-5.3
2015	1.4	4.8	5.0	4.8	4.2
2016	-1.3	-3.3	-0.7	-5.8	-2.7
2017	0.0	0.0	-3.4	2.8	0.0
2018	1.4	1.4	0.0	-1.3	0.0
2019	-3.4	-4.7	-1.4	-1.4	-2.7
2020 2/	0.0	-21.1	-21.0	-17.9	-14.8
2021 2/	-13.9	14.3	15.6	14.3	5.8
2022 3/	8.9	7.8	7.1	6.6	7.8

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2020 and 2021 data benchmarked in March 2022.
3/ Q3 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.

Table A-16. HEALTH CARE & SOCIAL ASSISTANCE JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	36,600	37,400	38,800	38,800	37,900
1991	39,900	39,900	41,000	41,100	40,500
1992	40,900	41,200	42,100	41,400	41,400
1993	41,400	41,700	42,300	42,200	41,900
1994	42,400	42,700	43,000	42,700	42,700
1995	42,600	43,000	43,000	42,800	42,800
1996	42,800	43,000	44,000	44,000	43,500
1997	44,400	45,100	46,100	45,900	45,400
1998	46,100	47,100	48,000	47,900	47,300
1999	47,200	48,300	48,700	48,700	48,200
2000	48,400	49,300	49,700	49,900	49,300
2001	50,050	50,850	51,100	51,300	50,800
2002	51,150	51,900	52,350	52,550	52,000
2003	52,650	53,250	53,650	54,500	53,500
2004	54,450	55,250	55,750	56,850	55,600
2005	56,900	57,350	57,300	57,550	57,300
2006	57,250	58,250	58,550	59,500	58,400
2007	59,250	59,850	59,950	60,150	59,800
2008	60,100	60,650	60,950	61,450	60,800
2009	61,100	61,350	61,350	61,700	61,400
2010	61,900	62,500	62,400	62,800	62,400
2011	62,200	62,700	63,400	63,500	63,000
2012	62,500	63,400	64,200	65,100	63,800
2013	65,100	65,600	66,000	66,400	65,800
2014	65,800	66,400	67,000	67,700	66,700
2015	68,200	68,700	69,000	69,900	69,000
2016	69,700	70,300	70,600	71,100	70,400
2017	71,100	71,600	73,000	73,400	72,300
2018	73,200	72,800	72,900	73,500	73,100
2019	73,200	73,100	73,700	74,400	73,600
2020 2/	74,300	68,200	70,300	71,900	71,200
2021 2/	71,600	71,700	71,800	71,500	71,600
2022	71,000	71,400	71,900	73,100	71,800
Percentage Change from the Same Period in Previous Year					
1991	9.0	6.7	5.7	5.9	6.9
1992	2.5	3.3	2.7	0.7	2.2
1993	1.2	1.2	0.5	1.9	1.2
1994	2.4	2.4	1.7	1.2	1.9
1995	0.5	0.7	0.0	0.2	0.2
1996	0.5	0.0	2.3	2.8	1.6
1997	3.7	4.9	4.8	4.3	4.4
1998	3.8	4.4	4.1	4.4	4.2
1999	2.4	2.5	1.5	1.7	1.9
2000	2.5	2.1	2.1	2.5	2.3
2001	3.4	3.1	2.8	2.8	3.0
2002	2.2	2.1	2.4	2.4	2.4
2003	2.9	2.6	2.5	3.7	2.9
2004	3.4	3.8	3.9	4.3	3.9
2005	4.5	3.8	2.8	1.2	3.1
2006	0.6	1.6	2.2	3.4	1.9
2007	3.5	2.7	2.4	1.1	2.4
2008	1.4	1.3	1.7	2.2	1.7
2009	1.7	1.2	0.7	0.4	1.0
2010	1.3	1.9	1.7	1.8	1.6
2011	0.5	0.3	1.6	1.1	1.0
2012	0.5	1.1	1.3	2.5	1.3
2013	4.2	3.5	2.8	2.0	3.1
2014	1.1	1.2	1.5	2.0	1.4
2015	3.6	3.5	3.0	3.2	3.4
2016	2.2	2.3	2.3	1.7	2.0
2017	2.0	1.8	3.4	3.2	2.7
2018	3.0	1.7	-0.1	0.1	1.1
2019	0.0	0.4	1.1	1.2	0.7
2020 2/	1.5	-6.7	-4.6	-3.4	-3.3
2021 2/	-3.6	5.1	2.1	-0.6	0.6
2022	-0.8	-0.4	0.1	2.2	0.3

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2020 and 2021 data benchmarked in March 2022.
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.

Table A-17. ARTS, ENTERTAINMENT & RECREATION JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	9,100	9,100	9,500	9,300	9,300
1991	9,300	9,500	9,800	9,700	9,600
1992	10,200	10,400	10,500	10,100	10,300
1993	10,300	10,500	10,400	10,000	10,300
1994	10,400	10,700	11,000	10,400	10,600
1995	10,600	11,000	10,700	10,400	10,700
1996	10,000	10,100	10,400	10,400	10,200
1997	10,000	10,500	10,300	10,400	10,300
1998	10,200	10,500	10,600	10,600	10,500
1999	10,500	10,700	10,700	10,600	10,600
2000	10,800	11,000	11,100	11,200	11,000
2001	11,300	11,650	11,550	11,000	11,400
2002	11,050	11,300	11,250	11,350	11,200
2003	11,250	11,450	11,350	11,550	11,400
2004	11,600	11,850	11,900	11,750	11,800
2005	11,600	12,050	12,050	11,950	11,900
2006	11,850	12,250	12,050	12,150	12,100
2007	12,250	12,650	12,750	12,500	12,500
2008	12,250	12,250	12,100	11,700	12,100
2009	11,200	11,250	11,300	11,150	11,200
2010	10,800	10,900	10,900	11,000	10,900
2011	11,000	11,000	11,200	11,300	11,100
2012	11,400	12,000	12,100	12,200	11,900
2013	12,300	12,700	12,800	12,800	12,600
2014	12,700	12,800	12,700	12,700	12,700
2015	12,300	12,600	12,600	12,400	12,500
2016	12,500	12,800	13,000	13,100	12,900
2017	13,300	13,400	13,500	13,700	13,500
2018	14,000	13,900	13,600	14,000	13,900
2019	13,800	13,900	13,800	13,800	13,800
2020 2/	13,500	6,400	6,200	6,500	8,200
2021 2/	7,600	9,200	10,300	9,800	9,200
2022	9,800	10,300	10,200	10,500	10,200
Percentage Change from the Same Period in Previous Year					
1991	2.2	4.4	3.2	4.3	3.2
1992	9.7	9.5	7.1	4.1	7.3
1993	1.0	1.0	-1.0	-1.0	0.0
1994	1.0	1.9	5.8	4.0	2.9
1995	1.9	2.8	-2.7	0.0	0.9
1996	-5.7	-8.2	-2.8	0.0	-4.7
1997	0.0	4.0	-1.0	0.0	1.0
1998	2.0	0.0	2.9	1.9	1.9
1999	2.9	1.9	0.9	0.0	1.0
2000	2.9	2.8	3.7	5.7	3.8
2001	4.6	5.9	4.1	-1.8	3.6
2002	-2.2	-3.0	-2.6	3.2	-1.8
2003	1.8	1.3	0.9	1.8	1.8
2004	3.1	3.5	4.8	1.7	3.5
2005	0.0	1.7	1.3	1.7	0.8
2006	2.2	1.7	0.0	1.7	1.7
2007	3.4	3.3	5.8	2.9	3.3
2008	0.0	-3.2	-5.1	-6.4	-3.2
2009	-8.6	-8.2	-6.6	-4.7	-7.4
2010	-3.6	-3.1	-3.5	-1.3	-2.7
2011	1.9	0.9	2.8	2.7	1.8
2012	3.6	9.1	8.0	8.0	7.2
2013	7.9	5.8	5.8	4.9	5.9
2014	3.3	0.8	-0.8	-0.8	0.8
2015	-3.1	-1.6	-0.8	-2.4	-1.6
2016	1.6	1.6	3.2	5.6	3.2
2017	6.4	4.7	3.8	4.6	4.7
2018	5.3	3.7	0.7	2.2	3.0
2019	-1.4	0.0	1.5	-1.4	-0.7
2020 2/	-2.2	-54.0	-55.1	-52.9	-40.6
2021 2/	-43.7	43.8	66.1	50.8	12.2
2022	28.9	12.0	-1.0	7.1	10.9

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

2/ 2020 and 2021 data benchmarked in March 2022.

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.

Table A-18. ACCOMMODATION JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	37,800	39,000	38,700	39,800	38,800
1991	40,200	39,600	41,300	41,500	40,600
1992	41,500	41,300	40,800	40,200	41,000
1993	38,600	38,100	37,600	37,400	37,900
1994	37,700	37,700	38,000	38,200	37,900
1995	37,900	37,400	37,600	37,600	37,600
1996	38,200	37,900	38,500	38,800	38,400
1997	39,000	37,900	37,900	38,200	38,300
1998	38,400	38,000	37,600	37,500	37,900
1999	37,600	37,600	37,000	38,100	37,600
2000	38,000	38,700	38,700	39,000	38,600
2001	39,050	38,800	38,850	36,150	38,200
2002	36,050	36,350	36,850	36,550	36,400
2003	37,150	36,800	37,200	37,400	37,100
2004	37,750	38,000	38,350	38,650	38,200
2005	38,850	39,050	39,500	39,400	39,200
2006	39,450	39,600	39,800	39,850	39,700
2007	39,950	39,850	39,650	39,450	39,700
2008	39,850	39,200	37,950	36,600	38,400
2009	36,300	35,400	35,300	34,950	35,500
2010	34,900	34,900	35,100	35,600	35,100
2011	35,900	36,000	36,700	37,300	36,500
2012	37,900	38,300	38,700	38,700	38,400
2013	38,900	39,200	39,600	39,700	39,300
2014	40,100	40,100	40,000	39,900	40,000
2015	40,000	39,900	40,100	40,300	40,100
2016	40,800	41,100	41,200	41,400	41,200
2017	41,800	42,500	42,600	42,900	42,500
2018	42,800	42,900	43,000	43,200	43,000
2019	42,600	42,400	42,800	43,200	42,800
2020 2/	43,500	15,700	10,400	17,700	21,800
2021 2/	20,400	27,700	32,900	33,200	28,600
2022	35,000	37,300	38,400	39,500	37,600
Percentage Change from the Same Period in Previous Year					
1991	6.3	1.5	6.7	4.3	4.6
1992	3.2	4.3	-1.2	-3.1	1.0
1993	-7.0	-7.7	-7.8	-7.0	-7.6
1994	-2.3	-1.0	1.1	2.1	0.0
1995	0.5	-0.8	-1.1	-1.6	-0.8
1996	0.8	1.3	2.4	3.2	2.1
1997	2.1	0.0	-1.6	-1.5	-0.3
1998	-1.5	0.3	-0.8	-1.8	-1.0
1999	-2.1	-1.1	-1.6	1.6	-0.8
2000	1.1	2.9	4.6	2.4	2.7
2001	2.8	0.3	0.4	-7.3	-1.0
2002	-7.7	-6.3	-5.1	1.1	-4.7
2003	3.1	1.2	0.9	2.3	1.9
2004	1.6	3.3	3.1	3.3	3.0
2005	2.9	2.8	3.0	1.9	2.6
2006	1.5	1.4	0.8	1.1	1.3
2007	1.3	0.6	-0.4	-1.0	0.0
2008	-0.3	-1.6	-4.3	-7.2	-3.3
2009	-8.9	-9.7	-7.0	-4.5	-7.6
2010	-3.9	-1.4	-0.6	1.9	-1.1
2011	2.9	3.2	4.6	4.8	4.0
2012	5.6	6.4	5.4	3.8	5.2
2013	2.6	2.3	2.3	2.6	2.3
2014	3.1	2.3	1.0	0.5	1.8
2015	-0.2	-0.5	0.3	1.0	0.3
2016	2.0	3.0	2.7	2.7	2.7
2017	2.5	3.4	3.4	3.6	3.2
2018	2.4	0.9	0.9	0.7	1.2
2019	-0.5	-1.2	-0.5	0.0	-0.5
2020 2/	2.1	-63.0	-75.7	-59.0	-49.1
2021 2/	-53.1	76.4	216.3	87.6	31.2
2022	71.6	34.7	16.7	19.0	31.5

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2018, and to 50 for 2001-2009.

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

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.

Table A-19. FOOD SERVICES & DRINKING PLACES JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	46,800	47,400	47,400	47,500	47,300
1991	47,100	47,200	47,900	46,800	47,200
1992	47,600	47,900	47,800	46,200	47,400
1993	46,100	46,200	46,300	45,900	46,100
1994	45,900	46,000	46,800	46,800	46,400
1995	47,100	47,000	47,700	47,200	47,200
1996	47,500	47,300	48,000	47,600	47,600
1997	47,400	47,500	47,800	47,600	47,600
1998	47,600	48,200	48,500	48,300	48,100
1999	48,200	49,000	49,700	49,600	49,100
2000	50,000	51,000	51,900	51,800	51,200
2001	51,200	51,550	51,650	49,400	51,000
2002	50,050	51,550	51,700	51,650	51,200
2003	51,800	52,450	53,450	53,600	52,800
2004	54,250	55,300	56,550	56,500	55,700
2005	56,250	57,450	57,900	57,350	57,200
2006	57,750	58,400	59,400	59,050	58,600
2007	59,550	60,700	60,550	59,450	60,100
2008	59,750	59,750	59,700	57,450	59,200
2009	56,650	57,200	57,300	56,550	56,900
2010	56,500	56,800	57,400	57,800	57,100
2011	58,300	58,700	58,800	58,400	58,600
2012	59,200	60,200	61,100	61,000	60,400
2013	61,600	62,600	63,100	63,500	62,700
2014	63,400	64,000	64,400	64,500	64,100
2015	64,600	65,200	66,400	67,000	65,800
2016	67,200	68,000	69,100	69,400	68,400
2017	70,600	71,200	71,800	71,600	71,300
2018	71,200	70,300	70,600	70,200	70,600
2019	70,100	70,300	70,800	70,100	70,400
2020 2/	69,500	36,100	40,900	44,700	47,800
2021 2/	50,000	56,400	59,700	58,800	56,200
2022	60,900	63,500	66,400	68,300	64,700
Percentage Change from the Same Period in Previous Year					
1991	0.6	-0.4	1.1	-1.5	-0.2
1992	1.1	1.5	-0.2	-1.3	0.4
1993	-3.2	-3.5	-3.1	-0.6	-2.7
1994	-0.4	-0.4	1.1	2.0	0.7
1995	2.6	2.2	1.9	0.9	1.7
1996	0.8	0.6	0.6	0.8	0.8
1997	-0.2	0.4	-0.4	0.0	0.0
1998	0.4	1.5	1.5	1.5	1.1
1999	1.3	1.7	2.5	2.7	2.1
2000	3.7	4.1	4.4	4.4	4.3
2001	2.4	1.1	-0.5	-4.6	-0.4
2002	-2.2	0.0	0.1	4.6	0.4
2003	3.5	1.7	3.4	3.8	3.1
2004	4.7	5.4	5.8	5.4	5.5
2005	3.7	3.9	2.4	1.5	2.7
2006	2.7	1.7	2.6	3.0	2.4
2007	3.1	3.9	1.9	0.7	2.6
2008	0.3	-1.6	-1.4	-3.4	-1.5
2009	-5.2	-4.3	-4.0	-1.6	-3.9
2010	-0.3	-0.7	0.2	2.2	0.4
2011	3.2	3.3	2.4	1.0	2.6
2012	1.5	2.6	3.9	4.5	3.1
2013	4.1	4.0	3.3	4.1	3.8
2014	2.9	2.2	2.1	1.6	2.2
2015	1.9	1.9	3.1	3.9	2.7
2016	4.0	4.3	4.1	3.6	4.0
2017	5.1	4.7	3.9	3.2	4.2
2018	0.8	-1.3	-1.7	-2.0	-1.0
2019	-1.5	0.0	0.3	-0.1	-0.3
2020 2/	-0.9	-48.6	-42.2	-36.2	-32.1
2021 2/	-28.1	56.2	46.0	31.5	17.6
2022	21.8	12.6	11.2	16.2	15.1

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2020 and 2021 data benchmarked in March 2022.
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.

Table A-20. OTHER SERVICES JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	19,400	19,800	19,900	20,000	19,800
1991	20,100	20,200	20,900	20,900	20,500
1992	21,000	21,300	21,700	21,400	21,400
1993	21,300	21,800	22,000	21,800	21,700
1994	21,600	21,900	21,900	21,800	21,800
1995	21,700	21,800	21,900	21,700	21,800
1996	21,800	21,900	22,100	21,900	21,900
1997	21,700	22,000	21,800	21,800	21,800
1998	21,500	22,000	21,900	21,900	21,800
1999	21,600	22,100	22,000	22,400	22,000
2000	22,500	23,000	23,200	23,700	23,100
2001	23,650	23,950	23,950	23,550	23,800
2002	23,600	24,000	24,150	24,200	24,000
2003	24,100	24,600	24,550	24,750	24,500
2004	24,400	24,850	24,750	25,050	24,800
2005	24,900	25,600	25,750	25,950	25,600
2006	26,050	26,500	26,600	26,850	26,500
2007	26,550	26,850	27,150	27,450	27,000
2008	27,550	27,900	27,450	27,400	27,600
2009	26,650	26,400	26,350	26,450	26,500
2010	26,000	26,500	26,400	26,400	26,300
2011	26,200	26,500	26,600	26,700	26,500
2012	26,400	26,900	26,900	27,100	26,800
2013	26,900	27,100	27,300	27,400	27,200
2014	27,100	27,100	27,200	27,500	27,300
2015	27,300	27,500	27,500	27,600	27,500
2016	27,600	28,000	28,100	28,200	28,000
2017	28,300	28,700	28,700	28,800	28,600
2018	28,700	28,800	28,700	28,700	28,700
2019	28,500	28,700	28,500	28,500	28,600
2020 2/	28,100	21,700	22,000	22,900	23,700
2021 2/	23,400	24,000	24,800	25,000	24,300
2022	24,900	25,700	25,700	26,000	25,600
Percentage Change from the Same Period in Previous Year					
1991	3.6	2.0	5.0	4.5	3.5
1992	4.5	5.4	3.8	2.4	4.4
1993	1.4	2.3	1.4	1.9	1.4
1994	1.4	0.5	-0.5	0.0	0.5
1995	0.5	-0.5	0.0	-0.5	0.0
1996	0.5	0.5	0.9	0.9	0.5
1997	-0.5	0.5	-1.4	-0.5	-0.5
1998	-0.9	0.0	0.5	0.5	0.0
1999	0.5	0.5	0.5	2.3	0.9
2000	4.2	4.1	5.5	5.8	5.0
2001	5.1	4.1	3.2	-0.6	3.0
2002	-0.2	0.2	0.8	2.8	0.8
2003	2.1	2.5	1.7	2.3	2.1
2004	1.2	1.0	0.8	1.2	1.2
2005	2.0	3.0	4.0	3.6	3.2
2006	4.6	3.5	3.3	3.5	3.5
2007	1.9	1.3	2.1	2.2	1.9
2008	3.8	3.9	1.1	-0.2	2.2
2009	-3.3	-5.4	-4.0	-3.5	-4.0
2010	-2.4	0.4	0.2	-0.2	-0.8
2011	0.8	0.0	0.8	1.1	0.8
2012	0.8	1.5	1.1	1.5	1.1
2013	1.9	0.7	1.5	1.1	1.5
2014	0.7	0.0	-0.4	0.4	0.4
2015	0.7	1.5	1.1	0.4	0.7
2016	1.1	1.8	2.2	2.2	1.8
2017	2.5	2.5	2.1	2.1	2.1
2018	1.4	0.3	0.0	-0.3	0.3
2019	-0.7	-0.3	-0.7	-0.7	-0.3
2020 2/	-1.4	-24.4	-22.8	-19.6	-17.1
2021 2/	-16.7	10.6	12.7	9.2	2.5
2022	6.4	7.1	3.6	4.0	5.3

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

2/ 2020 and 2021 data benchmarked in March 2022.

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.

Table A-21. GOVERNMENT JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	104,700	109,000	100,600	108,200	105,600
1991	109,600	110,800	103,400	111,800	108,900
1992	112,700	114,000	104,800	113,000	111,100
1993	113,000	115,300	104,600	113,200	111,500
1994	113,200	115,100	105,600	113,600	111,900
1995	114,800	116,100	104,000	110,800	111,400
1996	111,800	114,000	104,900	111,600	110,600
1997	112,800	114,600	106,500	112,900	111,700
1998	113,200	114,700	107,700	113,100	112,200
1999	112,800	114,400	109,000	114,800	112,800
2000	114,400	118,100	109,700	116,300	114,600
2001	113,750	115,750	110,200	118,200	114,500
2002	118,100	120,000	112,850	120,750	117,900
2003	120,950	120,850	113,750	120,950	119,100
2004	120,600	121,950	115,150	122,650	120,100
2005	119,800	121,850	115,400	121,500	119,600
2006	120,150	122,800	116,850	125,250	121,300
2007	123,000	122,900	117,250	125,250	122,100
2008	124,550	125,200	120,650	129,650	125,000
2009	127,050	129,050	120,450	126,150	125,700
2010	125,100	127,800	119,900	127,900	125,200
2011	124,900	126,900	119,200	127,100	124,600
2012	123,600	127,800	121,700	129,100	125,600
2013	124,000	126,500	119,500	127,900	124,500
2014	127,200	127,900	121,600	128,300	126,200
2015	127,300	128,100	121,700	128,600	126,400
2016	126,600	127,300	121,300	128,900	126,000
2017	127,800	128,200	118,700	127,500	125,500
2018	126,000	127,000	120,300	129,200	125,600
2019	127,300	128,000	120,600	129,000	126,200
2020 2/ 3/	128,700	116,700	118,300	120,800	121,100
2021 2/	119,900	122,100	117,400	121,500	120,200
2022 3/	120,400	122,000	118,300	123,700	121,100
Percentage Change from the Same Period in Previous Year					
1991	4.7	1.7	2.8	3.3	3.1
1992	2.8	2.9	1.4	1.1	2.0
1993	0.3	1.1	-0.2	0.2	0.4
1994	0.2	-0.2	1.0	0.4	0.4
1995	1.4	0.9	-1.5	-2.5	-0.4
1996	-2.6	-1.8	0.9	0.7	-0.7
1997	0.9	0.5	1.5	1.2	1.0
1998	0.4	0.1	1.1	0.2	0.4
1999	-0.4	-0.3	1.2	1.5	0.5
2000	1.4	3.2	0.6	1.3	1.6
2001	-0.6	-2.0	0.5	1.6	-0.1
2002	3.8	3.7	2.4	2.2	3.0
2003	2.4	0.7	0.8	0.2	1.0
2004	-0.3	0.9	1.2	1.4	0.8
2005	-0.7	-0.1	0.2	-0.9	-0.4
2006	0.3	0.8	1.3	3.1	1.4
2007	2.4	0.1	0.3	0.0	0.7
2008	1.3	1.9	2.9	3.5	2.4
2009	2.0	3.1	-0.2	-2.7	0.6
2010	-1.5	-1.0	-0.5	1.4	-0.4
2011	-0.2	-0.7	-0.6	-0.6	-0.5
2012	-1.0	0.7	2.1	1.6	0.8
2013	0.3	-1.0	-1.8	-0.9	-0.9
2014	2.6	1.1	1.8	0.3	1.4
2015	0.1	0.2	0.1	0.2	0.2
2016	-0.5	-0.6	-0.3	0.2	-0.3
2017	0.9	0.7	-2.1	-1.1	-0.4
2018	-1.4	-0.9	1.3	1.3	0.1
2019	1.0	0.8	0.2	-0.2	0.5
2020 2/ 3	1.1	-8.8	-1.9	-6.4	-4.0
2021 2/	-6.8	4.6	-0.8	0.6	-0.7
2022 3/	0.4	-0.1	0.8	1.8	0.7

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2020 and 2021 data benchmarked in March 2022.
3/ 2020Q2 and 2022Q3 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.

Table A-22. FEDERAL GOVERNMENT JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	33,900	35,000	34,100	33,700	34,200
1991	33,400	33,500	34,400	34,100	33,900
1992	33,600	33,500	33,100	32,900	33,300
1993	31,800	32,000	31,900	31,700	31,800
1994	31,300	31,600	31,200	31,000	31,300
1995	31,000	31,200	31,200	30,900	31,100
1996	31,300	30,800	31,600	30,900	31,100
1997	30,600	30,800	30,800	30,700	30,700
1998	30,300	30,400	30,400	30,400	30,400
1999	30,100	30,100	30,500	30,500	30,300
2000	30,500	31,900	30,900	30,500	31,000
2001	29,900	30,100	30,350	30,000	30,100
2002	30,100	30,250	30,750	31,650	30,700
2003	31,600	31,400	31,800	31,750	31,600
2004	31,450	31,400	31,650	31,450	31,500
2005	31,100	31,150	31,250	31,600	31,300
2006	31,450	31,850	31,800	32,200	31,800
2007	32,050	31,650	31,450	31,900	31,800
2008	31,650	31,950	32,450	32,700	32,200
2009	32,650	33,250	33,300	34,050	33,300
2010	34,100	35,500	34,800	34,900	34,800
2011	34,800	34,800	34,900	35,100	34,900
2012	34,800	34,800	34,900	35,100	34,900
2013	34,100	34,000	33,700	33,700	33,900
2014	33,200	33,200	33,100	33,100	33,200
2015	33,000	33,000	33,000	33,200	33,100
2016	32,900	33,000	33,200	33,600	33,200
2017	33,400	33,300	33,300	33,600	33,400
2018	33,300	33,600	33,700	34,200	33,700
2019	34,000	33,900	34,300	34,800	34,300
2020 2/	34,900	34,700	35,600	35,100	35,100
2021 2/	34,600	34,800	34,800	34,800	34,700
2022	34,500	34,900	35,200	35,800	35,100
Percentage Change from the Same Period in Previous Year					
1991	-1.5	-4.3	0.9	1.2	-0.9
1992	0.6	0.0	-3.8	-3.5	-1.8
1993	-5.4	-4.5	-3.6	-3.6	-4.5
1994	-1.6	-1.3	-2.2	-2.2	-1.6
1995	-1.0	-1.3	0.0	-0.3	-0.6
1996	1.0	-1.3	1.3	0.0	0.0
1997	-2.2	0.0	-2.5	-0.6	-1.3
1998	-1.0	-1.3	-1.3	-1.0	-1.0
1999	-0.7	-1.0	0.3	0.3	-0.3
2000	1.3	6.0	1.3	0.0	2.3
2001	-2.0	-5.6	-1.8	-1.6	-2.9
2002	0.7	0.5	1.3	5.5	2.0
2003	5.0	3.8	3.4	0.3	2.9
2004	-0.5	0.0	-0.5	-0.9	-0.3
2005	-1.1	-0.8	-1.3	0.5	-0.6
2006	1.1	2.2	1.8	1.9	1.6
2007	1.9	-0.6	-1.1	-0.9	0.0
2008	-1.2	0.9	3.2	2.5	1.3
2009	3.2	4.1	2.6	4.1	3.4
2010	4.4	6.8	4.5	2.5	4.5
2011	2.1	-2.0	0.3	0.6	0.3
2012	0.0	0.0	0.0	0.0	0.0
2013	-2.0	-2.3	-3.4	-4.0	-2.9
2014	-2.6	-2.4	-1.8	-1.8	-2.1
2015	-0.6	-0.6	-0.3	0.3	-0.3
2016	-0.3	0.0	0.6	1.2	0.3
2017	1.5	0.9	0.3	0.0	0.6
2018	-0.3	0.9	1.2	1.8	0.9
2019	2.1	0.9	1.8	1.8	1.8
2020 2/	2.6	2.4	3.8	0.9	2.3
2021 2/	-0.9	0.3	-2.2	-0.9	-1.1
2022	-0.3	0.3	1.1	2.9	1.2

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2020 and 2021 data benchmarked in March 2022.
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.

Table A-23. STATE GOVERNMENT JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	56,900	59,900	51,300	60,200	57,100
1991	61,800	62,800	53,400	63,000	60,300
1992	64,400	65,600	55,500	64,800	62,600
1993	66,100	68,000	56,800	66,100	64,200
1994	66,500	68,100	58,100	67,300	65,000
1995	67,500	68,700	55,800	63,700	63,900
1996	64,300	66,900	55,900	64,300	62,800
1997	65,900	67,300	58,000	65,800	64,300
1998	66,500	67,800	59,400	66,200	64,900
1999	66,300	67,900	61,100	67,900	65,800
2000	67,500	69,800	61,300	69,200	66,900
2001	67,150	68,800	62,150	71,150	67,300
2002	71,000	72,750	64,650	72,200	70,100
2003	72,500	72,500	64,950	72,300	70,600
2004	72,300	73,600	65,900	74,150	71,500
2005	71,800	73,550	66,550	72,700	71,200
2006	71,500	73,550	67,200	75,550	72,000
2007	73,350	73,450	67,450	75,350	72,400
2008	74,750	74,800	69,200	78,400	74,300
2009	75,900	77,150	68,100	73,650	73,700
2010	72,500	73,700	66,000	74,500	71,700
2011	71,700	73,600	65,500	73,700	71,100
2012	70,500	74,500	67,800	75,700	72,100
2013	71,500	73,900	66,800	75,500	71,900
2014	75,400	75,900	69,300	76,400	74,200
2015	75,600	76,200	69,400	76,600	74,500
2016	75,000	75,300	68,800	76,500	73,900
2017	75,600	76,000	66,100	75,100	73,200
2018	73,900	74,500	67,400	76,200	73,000
2019	74,600	75,000	66,800	75,300	72,900
2020 2/ 3/	74,900	63,600	63,800	66,900	67,300
2021 2/	66,700	68,600	63,900	68,400	66,900
2022	67,600	68,500	64,300	69,300	67,400
Percentage Change from the Same Period in Previous Year					
1991	8.6	4.8	4.1	4.7	5.6
1992	4.2	4.5	3.9	2.9	3.8
1993	2.6	3.7	2.3	2.0	2.6
1994	0.6	0.1	2.3	1.8	1.2
1995	1.5	0.9	-4.0	-5.3	-1.7
1996	-4.7	-2.6	0.2	0.9	-1.7
1997	2.5	0.6	3.8	2.3	2.4
1998	0.9	0.7	2.4	0.6	0.9
1999	-0.3	0.1	2.9	2.6	1.4
2000	1.8	2.8	0.3	1.9	1.7
2001	-0.5	-1.4	1.4	2.8	0.6
2002	5.7	5.7	4.0	1.5	4.2
2003	2.1	-0.3	0.5	0.1	0.7
2004	-0.3	1.5	1.5	2.6	1.3
2005	-0.7	-0.1	1.0	-2.0	-0.4
2006	-0.4	0.0	1.0	3.9	1.1
2007	2.6	-0.1	0.4	-0.3	0.6
2008	1.9	1.8	2.6	4.0	2.6
2009	1.5	3.1	-1.6	-6.1	-0.8
2010	-4.5	-4.5	-3.1	1.2	-2.7
2011	-1.1	-0.1	-0.8	-1.1	-0.8
2012	-1.7	1.2	3.5	2.7	1.4
2013	1.4	-0.8	-1.5	-0.3	-0.3
2014	5.5	2.7	3.7	1.2	3.2
2015	0.3	0.4	0.1	0.3	0.4
2016	-0.8	-1.2	-0.9	-0.1	-0.8
2017	0.8	0.9	-3.9	-1.8	-0.9
2018	-2.2	-2.0	2.0	1.5	-0.3
2019	0.9	0.7	-0.9	-1.2	-0.1
2020 2/ 3/	0.4	-15.2	-4.5	-11.2	-7.7
2021 2/	-10.9	7.9	0.2	2.2	-0.6
2022	1.3	-0.1	0.6	1.3	0.7

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2020 and 2021 data benchmarked in March 2022.
3/ Q2 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.

Table A-24. LOCAL GOVERNMENT JOBS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Jobs 1/					
1990	13,900	14,100	15,200	14,300	14,400
1991	14,400	14,500	15,600	14,700	14,800
1992	14,700	14,900	16,200	15,300	15,300
1993	15,200	15,300	15,900	15,400	15,500
1994	15,400	15,400	16,300	15,400	15,600
1995	16,200	16,200	17,100	16,200	16,400
1996	16,300	16,300	17,400	16,500	16,600
1997	16,400	16,500	17,700	16,500	16,800
1998	16,400	16,600	17,900	16,500	16,900
1999	16,400	16,400	17,500	16,400	16,700
2000	16,300	16,500	17,400	16,600	16,700
2001	16,750	16,850	17,700	17,050	17,100
2002	17,000	17,050	17,500	16,850	17,100
2003	16,850	16,950	17,000	16,950	16,900
2004	16,850	16,950	17,650	17,050	17,100
2005	16,900	17,150	17,600	17,200	17,200
2006	17,200	17,350	17,850	17,500	17,500
2007	17,650	17,800	18,350	18,000	17,900
2008	18,150	18,450	19,000	18,550	18,500
2009	18,500	18,650	19,050	18,450	18,700
2010	18,400	18,600	19,100	18,500	18,700
2011	18,400	18,600	18,800	18,300	18,500
2012	18,300	18,500	18,900	18,400	18,500
2013	18,400	18,700	19,000	18,700	18,700
2014	18,600	18,800	19,200	18,800	18,800
2015	18,700	18,900	19,200	18,800	18,900
2016	18,800	19,000	19,300	18,800	19,000
2017	18,800	18,900	19,300	18,900	19,000
2018	18,700	18,900	19,200	18,800	18,900
2019	18,800	19,000	19,500	18,900	19,000
2020 2/	18,800	18,400	18,900	18,800	18,700
2021 2/	18,600	18,700	18,700	18,300	18,600
2022 3/	18,300	18,500	18,800	18,500	18,500
Percentage Change from the Same Period in Previous Year					
1991	3.6	2.8	2.6	2.8	2.8
1992	2.1	2.8	3.8	4.1	3.4
1993	3.4	2.7	-1.9	0.7	1.3
1994	1.3	0.7	2.5	0.0	0.6
1995	5.2	5.2	4.9	5.2	5.1
1996	0.6	0.6	1.8	1.9	1.2
1997	0.6	1.2	1.7	0.0	1.2
1998	0.0	0.6	1.1	0.0	0.6
1999	0.0	-1.2	-2.2	-0.6	-1.2
2000	-0.6	0.6	-0.6	1.2	0.0
2001	2.8	2.1	1.7	2.7	2.4
2002	1.5	1.2	-1.1	-1.2	0.0
2003	-0.9	-0.6	-2.9	0.6	-1.2
2004	0.0	0.0	3.8	0.6	1.2
2005	0.3	1.2	-0.3	0.9	0.6
2006	1.8	1.2	1.4	1.7	1.7
2007	2.6	2.6	2.8	2.9	2.3
2008	2.8	3.7	3.5	3.1	3.4
2009	1.9	1.1	0.3	-0.5	1.1
2010	-0.5	-0.3	0.3	0.3	0.0
2011	0.0	0.0	-1.6	-1.1	-1.1
2012	-0.5	-0.5	0.5	0.5	0.0
2013	0.5	1.1	0.5	1.6	1.1
2014	1.1	0.5	1.1	0.5	0.5
2015	0.5	0.5	0.0	0.0	0.5
2016	0.5	0.5	0.5	0.0	0.5
2017	0.0	-0.5	0.0	0.5	0.0
2018	-0.5	0.0	-0.5	-0.5	-0.5
2019	0.5	0.5	1.6	0.5	0.5
2020 2/	0.0	-3.2	-3.1	-0.5	-1.6
2021 2/	-1.1	1.6	-1.1	-2.7	-0.5
2022 3/	-1.6	-1.1	0.5	1.1	-0.5

1/ Data rounded to nearest 100 for 1990-2000 and 2010-2017, and to 50 for 2001-2009.
2/ 2020 and 2021 data benchmarked in March 2022.
3/ Q3 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.

Table A-25. AGRICULTURE WAGE AND SALARY JOBS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Jobs					
1990	8,850	9,350	10,400	9,550	9,550
1991	8,800	9,350	10,150	9,900	9,550
1992	9,200	9,350	9,650	9,000	9,300
1993	8,750	8,350	8,800	8,350	8,550
1994	8,000	8,000	8,450	7,550	8,000
1995	7,100	6,950	7,350	7,750	7,300
1996	7,200	7,200	7,550	7,600	7,400
1997	6,800	6,800	7,500	7,650	7,200
1998	7,200	7,400	7,950	7,700	7,550
1999	7,050	7,250	8,150	8,350	7,700
2000	7,950	7,700	8,150	7,700	7,900
2001	7,300	7,150	7,400	7,800	7,400
2002	7,400	7,050	7,150	7,250	7,200
2003	7,100	7,100	7,200	7,050	7,100
2004	7,100	7,200	7,400	7,550	7,300
2005	7,100	6,700	6,850	6,900	6,900
2006	6,950	6,900	7,000	6,950	6,950
2007	6,750	6,550	6,350	6,400	6,500
2008	6,400	6,250	6,100	5,850	6,150
2009	6,050	6,100	6,200	6,350	6,150
2010	6,200	6,200	6,250	6,500	6,300
2011 1/ 2/	7,000	7,000	7,000	7,000	7,000
2012 2/	6,000	6,000	7,000	7,000	6,500
2013 2/	6,000	6,000	7,000	7,000	6,500
2014 2/	7,000	7,000	7,000	7,000	7,000
2015 2/	6,000	6,000	7,000	7,000	6,500
2016 2/	6,000	6,000	6,000	6,000	6,000
2017 2/	6,000	6,000	6,000	6,000	6,000
2018 2/	7,000	6,000	6,000	6,000	6,300
2019 2/	5,000	5,000	4,000	4,000	4,500
2020 2/	5,000	4,000	4,000	4,000	4,300
2021 2/	5,000	5,000	5,000	5,000	5,000
2022 2/	5,000	5,000	5,000	6,000	5,300
Percentage Change from the Same Period in Previous Year					
1991	-0.6	0.0	-2.4	3.7	0.0
1992	4.5	0.0	-4.9	-9.1	-2.6
1993	-4.9	-10.7	-8.8	-7.2	-8.1
1994	-8.6	-4.2	-4.0	-9.6	-6.4
1995	-11.3	-13.1	-13.0	2.6	-8.8
1996	1.4	3.6	2.7	-1.9	1.4
1997	-5.6	-5.6	-0.7	0.7	-2.7
1998	5.9	8.8	6.0	0.7	4.9
1999	-2.1	-2.0	2.5	8.4	2.0
2000	12.8	6.2	0.0	-7.8	2.6
2001	-8.2	-7.1	-9.2	1.3	-6.3
2002	1.4	-1.4	-3.4	-7.1	-2.7
2003	-4.1	0.7	0.7	-2.8	-1.4
2004	0.0	1.4	2.8	7.1	2.8
2005	0.0	-6.9	-7.4	-8.6	-5.5
2006	-2.1	3.0	2.2	0.7	0.7
2007	-2.9	-5.1	-9.3	-7.9	-6.5
2008	-5.2	-4.6	-3.9	-8.6	-5.4
2009	-5.5	-2.4	1.6	8.5	0.0
2010	2.5	1.6	0.8	2.4	2.4
2011 1/ 2/	12.9	12.9	12.0	7.7	11.1
2012 2/	-14.3	-14.3	0.0	0.0	-7.1
2013 2/	0.0	0.0	0.0	0.0	0.0
2014 2/	16.7	16.7	0.0	0.0	7.7
2015 2/	-14.3	-14.3	0.0	0.0	-7.1
2016 2/	0.0	0.0	-14.3	-14.3	-7.7
2017 2/	0.0	0.0	0.0	0.0	0.0
2018 2/	16.7	0.0	0.0	0.0	5.0
2019 2/	-28.6	-16.7	-33.3	-33.3	-28.6
2020 2/	0.0	-20.0	0.0	0.0	-4.4
2021 2/	0.0	25.0	25.0	25.0	16.3
2022 2/	0.0	0.0	0.0	20.0	6.0

1/ Jobs data for 2011 had been benchmarked by DLIR in March 2013 for Non-Agricultural Wage and Salary Jobs (A-6) and Agriculture jobs (A-25). The estimates for 2011 Agriculture jobs were withdrawn by DLIR as of the March 2014 benchmark.

2/ Non-agricultural jobs for 2011 to 2013 were benchmarked by DLIR in March 2014 and beginning with 2011 Q1, Agriculture jobs estimates are U.S. Department of Agriculture National Agrucultural Statistics Service (NASS) quarterly survey conducted for January, April, June and October data. No survey was conducted in April, 2011, 2011Q2 is estimated. Jobs are rounded to the nearest 50 through 2010 and 100 thereafter.

Source: Hawaii Department of Labor & Industrial Relations monthly and annual data <http://www.hiwi.org/gsipub/index.asp?docid=421> and U.S. Department of Agriculture, National Agricultural Statistics Service <http://quickstats.nass.usda.gov/>.

B. INCOME AND PRICES

In the third quarter of 2022, total annualized nominal GDP increased $5,290 million or 5.6 percent, from the third quarter of 2021. In the first three quarters of 2022, total annualized nominal GDP increased $7,341 million or 8.2 percent from the same period of the previous year. In the third quarter of 2022, total annualized real GDP (in chained 2012 dollars) decreased $836 million or 1.1 percent from the third quarter of 2021. In the first three quarters of 2022, total annualized real GDP increased $1,136 million or 1.5 percent from the same period of the previous year (Tables B-1 to B-3).

Hawaii's total personal income increased slightly during the third quarter of 2022, over the same quarter of 2021; decreased personal current transfer receipts and proprietors' income were less than increased values in other components of personal income in the quarter.

In the third quarter of 2022, total nominal annualized personal income (i.e. not adjusted for inflation) increased $741.0 million or 0.9 percent over that of 2021 (Table B-5). In the first three quarters of 2022, average personal income was $86,820.8 million, a decrease of $1,672.7 million or 1.9 percent from the same period of the previous year. In the third quarter of 2022, personal income per capita was $61,358, a 1.4 percent increase over the same quarter of the previous year (Table B-6).

In the third quarter of 2022, wages and salaries increased $1,723.3 million or 4.2 percent over the same quarter of 2021. In the first three quarters of 2022, wages and salaries increased $3,042.0 million or 7.8 percent from the same period of the previous year (Table B-8).

Supplements to wages and salaries, consisting of employer payments to retirement plans, private group health insurance plans, private workers compensation plans, and other such benefits, increased $178.2 million or 1.5 percent in the third quarter of 2022 from the same quarter of 2021 (Table B-9). In the first three quarters of 2022, supplements to wages and salaries increased $308.1 million or 2.6 percent from the previous year.

Proprietors' income decreased $147.1 million or 2.2 percent in the third quarter of 2022 over that of 2021 (Table B-10). In the first three quarters of 2022, proprietors' income was up $59.6 million or 0.9 percent from the same period of the previous year.

Dividends, interest, and rent increased $820.8 million or 5.0 percent in the third quarter of 2022 from the same quarter of 2021. In the first three quarters of 2022, income in this category was up $729.3 million or 4.5 percent from the same period of the previous year (Table B-11).

The annualized personal current transfer receipts decreased $1,535.4 million or 8.7 percent in the third quarter of 2022 from the same quarter of 2021 (Table B-12). In the first three quarters of 2022, personal current transfer receipts decreased $5,331.6 million or 24.8 percent from the same period of the previous year.

Contributions to government social insurance (which is subtracted from total personal income, increased $298.8 million or 4.4 percent in the third quarter of 2022 compared to the third quarter of 2021. In the first three quarters of 2022, these contributions increased $480.1 million or 7.3 percent from the same period of the previous year (Table B-13).

In the third quarter of 2022, total non-farm private sector annualized earnings increased $1,685.2 million or 4.0 percent from the third quarter of 2021. In dollar terms, the largest increase occurred in administrative and support & waste management services; followed by accommodation and food services, transportation and warehousing, and retail trade. During the third quarter of 2022, total government earnings increased $44.7 million or 0.3 percent from the same quarter of 2021. Earnings from the federal government increased $30.1 million. Earnings from the state and local governments increased $14.6 million in the quarter.

In the second half of 2022, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 6.3 percent from the same period in 2021 (Table B-14). This is 1.4 percentage point below the 7.7 percent increase for the U.S. average CPI-U but is higher than the second half of 2021 Honolulu CPI-U increase of 5.0 percent from the same period of the previous year. In the second half of 2022, the Honolulu CPI-U increased the most in Transportation (12.6 percent), followed by Medical Care (10.5 percent), Food and Beverages (7.8 percent), Other Goods and Services (7.8 percent), Housing (4.7 percent), Education and Communication (1.7 percent), and Apparel (1.5 percent) compared to the second half of 2021. Recreation decreased 1.3 percent in the second half of 2022.

Table B-1. GROSS DOMESTIC PRODUCT

[In millions of dollars at seasonally adjusted annual rates and quarterly year-over-year percent. According to NAICS classification]

Series	Third Quarter 2021	First Quarter 2022	Second Quarter 2022	Third Quarter 2022	YTD 2021	YTD 2022	Percentage change: Third Quarter 2022: Third Quarter 2021	Percentage change: Third Quarter 2022: Second Quarter 2022	Percentage change: YTD 2022: YTD 2021
Current dollar All industry total	94,062	95,279	96,979	99,352	89,862	97,203	5.6	2.4	8.2
Private industries	74,469	75,621	77,148	79,194	70,347	77,321	6.3	2.7	9.9
Agric., forestry, fishing & hunting	(D)	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Mining, quarrying, & oil & gas extraction	85	106	125	116	86	115	36.4	-7.7	34.2
Utilities	2,068	2,238	2,625	2,771	1,995	2,544	34.0	5.6	27.6
Construction	5,251	5,066	5,020	5,101	5,256	5,062	-2.9	1.6	-3.7
Manufacturing	(D)	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Durable goods manufacturing	(D)	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Nondurable goods manufacturing	1,259	1,352	1,424	1,429	1,143	1,401	13.5	0.4	22.6
Wholesale trade	3,294	3,241	3,214	3,175	3,106	3,210	-3.6	-1.2	3.4
Retail trade	6,213	6,315	6,382	6,589	6,074	6,429	6.1	3.2	5.8
Transportation and warehousing	3,775	4,314	4,440	4,600	3,246	4,451	21.9	3.6	37.2
Information	2,359	2,309	2,443	2,559	2,210	2,437	8.5	4.8	10.3
Finance and insurance	4,045	4,000	3,965	3,911	4,087	3,959	-3.3	-1.3	-3.1
Real estate and rental and leasing	16,156	16,696	16,945	17,329	15,801	16,990	7.3	2.3	7.5
Prof., scientific, & technical services	4,212	4,265	4,322	4,394	4,052	4,327	4.3	1.7	6.8
Mgmt of companies & enterprises	1,193	1,221	1,226	1,245	1,120	1,231	4.4	1.5	9.9
Admin. & supp. & waste mgmt & remed. se	2,755	2,864	2,906	3,029	2,631	2,933	9.9	4.2	11.5
Educational services	1,062	1,057	1,069	1,091	1,004	1,072	2.7	2.0	6.8
Health care and social assistance	7,139	7,236	7,272	7,412	7,054	7,307	3.8	1.9	3.6
Arts, entertainment, and recreation	1,100	1,149	1,158	1,251	935	1,186	13.8	8.1	26.8
Accommodation and food services	9,484	9,072	9,450	9,924	7,662	9,482	4.6	5.0	23.8
Other serv. (except gov't & gov't enterprise	2,212	2,307	2,356	2,426	2,098	2,363	9.7	3.0	12.6
Gov't & gov't enterprises	19,592	19,658	19,831	20,158	19,514	19,882	2.9	1.6	1.9
Federal	10,984	10,963	11,022	11,139	10,773	11,041	1.4	1.1	2.5
Federal civilian	5,319	5,357	5,471	5,570	5,251	5,466	4.7	1.8	4.1
Military	5,665	5,606	5,551	5,568	5,521	5,575	-1.7	0.3	1.0
State and local	8,608	8,694	8,809	9,020	8,742	8,841	4.8	2.4	1.1
Constant 2012 dollar All industry total	76,531	74,973	75,084	75,695	74,115	75,250	-1.1	0.8	1.5
Private industries	60,808	59,477	59,606	60,181	58,304	59,755	-1.0	1.0	2.5
Agric., forestry, fishing & hunting	(D)	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Mining, quarrying, & oil & gas extraction	93	98	93	94	87	95	1.8	1.5	8.8
Utilities	1,534	1,607	1,640	1,589	1,523	1,612	3.6	-3.1	5.8
Construction	3,686	3,263	3,060	2,899	3,773	3,074	-21.4	-5.3	-18.5
Manufacturing	(D)	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Durable goods manufacturing	(D)	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Nondurable goods manufacturing	1,148	1,126	1,101	1,109	1,117	1,112	-3.4	0.8	-0.4
Wholesale trade	2,599	2,414	2,312	2,282	2,535	2,336	-12.2	-1.3	-7.9
Retail trade	4,839	4,632	4,651	4,798	4,936	4,693	-0.9	3.2	-4.9
Transportation and warehousing	3,305	3,430	3,411	3,545	2,932	3,462	7.2	3.9	18.1
Information	2,713	2,675	2,823	2,967	2,514	2,822	9.4	5.1	12.2
Finance and insurance	3,067	3,014	3,002	2,942	3,104	2,986	-4.1	-2.0	-3.8
Real estate and rental and leasing	13,059	13,287	13,369	13,496	12,841	13,384	3.4	1.0	4.2
Prof., scientific, & technical services	3,835	3,810	3,849	3,898	3,670	3,853	1.6	1.3	5.0
Mgmt of companies & enterprises	1,299	1,332	1,365	1,380	1,214	1,359	6.2	1.1	11.9
Admin. & supp. & waste mgmt & remed. se	2,284	2,315	2,324	2,395	2,190	2,345	4.9	3.1	7.1
Educational services	834	821	825	830	795	825	-0.5	0.6	3.8
Health care and social assistance	6,108	6,104	6,122	6,178	6,065	6,135	1.1	0.9	1.2
Arts, entertainment, and recreation	866	886	911	963	746	920	11.3	5.8	23.4
Accommodation and food services	7,364	6,668	6,886	7,052	6,087	6,869	-4.2	2.4	12.8
Other serv. (except gov't & gov't enterprise	1,644	1,655	1,674	1,680	1,569	1,670	2.2	0.3	6.4
Gov't & gov't enterprises	15,729	15,505	15,485	15,521	15,805	15,504	-1.3	0.2	-1.9
Federal	9,165	8,973	8,954	8,917	9,072	8,948	-2.7	-0.4	-1.4
Federal civilian	4,438	4,384	4,444	4,459	4,422	4,429	0.5	0.3	0.2
Military	4,727	4,588	4,510	4,458	4,650	4,519	-5.7	-1.1	-2.8
State and local	6,580	6,542	6,541	6,609	6,736	6,564	0.4	1.0	-2.6

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

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Gross Domestic Product, by State, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 2022.

Table B-2. GROSS DOMESTIC PRODUCT

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	*Annual Average 1/*
In Millions of Dollars at Seasonally Adjusted Annual Rates					
1997	(NA)	(NA)	(NA)	(NA)	37,707
1998	(NA)	(NA)	(NA)	(NA)	37,623
1999	(NA)	(NA)	(NA)	(NA)	38,991
2000	(NA)	(NA)	(NA)	(NA)	41,097
2001	(NA)	(NA)	(NA)	(NA)	42,585
2002	(NA)	(NA)	(NA)	(NA)	44,644
2003	(NA)	(NA)	(NA)	(NA)	48,166
2004	(NA)	(NA)	(NA)	(NA)	52,354
2005	55,900	56,858	57,759	58,960	57,369
2006	59,484	60,433	61,438	62,031	60,846
2007	62,649	63,345	64,893	65,768	64,164
2008	65,609	66,107	65,710	65,287	65,678
2009	64,737	64,563	64,189	64,710	64,550
2010	65,574	66,299	67,501	68,118	66,873
2011	68,422	68,635	69,014	70,265	69,084
2012	70,855	71,866	72,410	72,489	71,905
2013	74,122	73,987	74,656	75,456	74,555
2014	75,233	76,275	77,438	78,148	76,773
2015	79,894	80,914	81,707	82,406	81,230
2016	82,999	83,640	84,150	84,868	83,914
2017	86,119	86,674	87,764	88,313	87,217
2018	89,058	90,420	90,736	91,109	90,331
2019	90,974	91,423	92,524	92,730	91,913
2020	89,334	77,205	80,577	83,026	82,536
2021	85,331	90,192	94,062	94,800	91,096
2022	95,279	96,979	99,352	Year-to-Date	97,203
Percentage Change from the Same Period in Previous Year					
1998	(NA)	(NA)	(NA)	(NA)	-0.2
1999	(NA)	(NA)	(NA)	(NA)	3.6
2000	(NA)	(NA)	(NA)	(NA)	5.4
2001	(NA)	(NA)	(NA)	(NA)	3.6
2002	(NA)	(NA)	(NA)	(NA)	4.8
2003	(NA)	(NA)	(NA)	(NA)	7.9
2004	(NA)	(NA)	(NA)	(NA)	8.7
2005	(NA)	(NA)	(NA)	(NA)	9.6
2006	6.4	6.3	6.4	5.2	6.1
2007	5.3	4.8	5.6	6.0	5.5
2008	4.7	4.4	1.3	-0.7	2.4
2009	-1.3	-2.3	-2.3	-0.9	-1.7
2010	1.3	2.7	5.2	5.3	3.6
2011	4.3	3.5	2.2	3.2	3.3
2012	3.6	4.7	4.9	3.2	4.1
2013	4.6	3.0	3.1	4.1	3.7
2014	1.5	3.1	3.7	3.6	3.0
2015	6.2	6.1	5.5	5.4	5.8
2016	3.9	3.4	3.0	3.0	3.3
2017	3.8	3.6	4.3	4.1	3.9
2018	3.4	4.3	3.4	3.2	3.6
2019	2.2	1.1	2.0	1.8	1.8
2020	-1.8	-15.6	-12.9	-10.5	-10.2
2021	-4.5	16.8	16.7	14.2	10.4
2022	11.7	7.5	5.6	Year-to-Date	8.2

NA Not available.

1/ BEA annual Gross Domestic Product estimates for 1982 to 2004 and annual averages thereafter.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Gross Domestic Product, by State, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 2022.

Table B-3. GROSS DOMESTIC PRODUCT IN CHAINED $2012

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	*Annual Average*
In Millions of Dollars at Seasonally Adjusted Annual Rates					
1997	(NA)	(NA)	(NA)	(NA)	55,804
1998	(NA)	(NA)	(NA)	(NA)	54,405
1999	(NA)	(NA)	(NA)	(NA)	54,852
2000	(NA)	(NA)	(NA)	(NA)	55,891
2001	(NA)	(NA)	(NA)	(NA)	55,679
2002	(NA)	(NA)	(NA)	(NA)	56,991
2003	(NA)	(NA)	(NA)	(NA)	59,979
2004	(NA)	(NA)	(NA)	(NA)	63,318
2005	66,097	66,775	67,374	68,249	67,124
2006	68,079	68,669	69,150	69,140	68,759
2007	69,085	69,428	70,550	71,259	70,080
2008	71,001	71,403	70,478	68,962	70,461
2009	68,110	68,024	67,634	67,943	67,928
2010	68,728	69,124	70,150	70,510	69,628
2011	70,545	70,433	70,244	71,364	70,647
2012	71,501	71,956	72,215	71,949	71,905
2013	73,260	72,765	73,023	73,205	73,063
2014	72,820	73,307	73,905	74,018	73,512
2015	75,067	75,773	76,100	76,537	75,869
2016	76,896	77,135	77,423	77,762	77,304
2017	78,552	78,687	79,251	79,300	78,947
2018	79,489	80,092	80,021	79,780	79,845
2019	78,924	78,929	79,499	79,502	79,213
2020	76,310	65,798	68,279	70,051	70,109
2021	71,311	74,502	76,531	75,845	74,547
2022	74,973	75,084	75,695	Year-to-Date	75,250
Percentage Change from the Same Period in Previous Year					
1998	(NA)	(NA)	(NA)	(NA)	-2.5
1999	(NA)	(NA)	(NA)	(NA)	0.8
2000	(NA)	(NA)	(NA)	(NA)	1.9
2001	(NA)	(NA)	(NA)	(NA)	-0.4
2002	(NA)	(NA)	(NA)	(NA)	2.4
2003	(NA)	(NA)	(NA)	(NA)	5.2
2004	(NA)	(NA)	(NA)	(NA)	5.6
2005	(NA)	(NA)	(NA)	(NA)	6.0
2006	3.0	2.8	2.6	1.3	2.4
2007	1.5	1.1	2.0	3.1	1.9
2008	2.8	2.8	-0.1	-3.2	0.5
2009	-4.1	-4.7	-4.0	-1.5	-3.6
2010	0.9	1.6	3.7	3.8	2.5
2011	2.6	1.9	0.1	1.2	1.5
2012	1.4	2.2	2.8	0.8	1.8
2013	2.5	1.1	1.1	1.7	1.6
2014	-0.6	0.7	1.2	1.1	0.6
2015	3.1	3.4	3.0	3.4	3.2
2016	2.4	1.8	1.7	1.6	1.9
2017	2.2	2.0	2.4	2.0	2.1
2018	1.2	1.8	1.0	0.6	1.1
2019	-0.7	-1.5	-0.7	-0.3	-0.8
2020	-3.3	-16.6	-14.1	-11.9	-11.5
2021	-6.6	13.2	12.1	8.3	6.3
2022	5.1	0.8	-1.1	Year-to-Date	1.5

NA Not available.
1/ BEA annual Gross Domestic Product estimates for 1982 to 2004 and annual averages thereafter.
Source: U.S. Department of Commerce, Bureau of Economic Analysis, Gross Domestic Product, by State, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 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,* according to NAICS classification]

Series 1/	First Quarter 2022	Second Quarter 2022	Third Quarter 2022	AnnAver 2020	AnnAver 2021	YTD 2021	YTD 2022	Percentage change: Third Quarter 2022 — Third Quarter 2021	Third Quarter 2022 — Second Quarter 2022	Ann Aver 2021 from 2020	YTD 2022 — YTD 2021
PERSONAL INCOME	85,811,331	86,742,935	87,908,083	83,109,524	87,857,663	88,493,451	86,820,783	0.9	1.3	5.7	-1.9
Earnings By Place of Work	59,891,633	60,566,536	61,672,887	53,939,388	57,921,085	57,300,612	60,710,352	2.9	1.8	7.4	6.0
Wages and salaries	41,462,235	42,094,408	42,967,481	36,709,625	39,663,860	39,132,661	42,174,708	4.2	2.1	8.0	7.8
Supplements to wages and salaries	11,886,007	11,940,917	12,109,651	11,141,936	11,691,722	11,670,760	11,978,858	1.5	1.4	4.9	2.6
Emp'er contrib. for emp'ee pension & ins. funds	8,602,760	8,609,052	8,711,107	8,199,564	8,561,872	8,578,919	8,640,973	0.2	1.2	4.4	0.7
Employer contributions for gov't social ins.	3,283,247	3,331,865	3,398,544	2,942,372	3,129,850	3,091,841	3,337,885	4.9	2.0	6.4	8.0
Proprietors' income	6,543,391	6,531,211	6,595,755	6,087,827	6,565,503	6,497,191	6,556,786	-2.2	1.0	7.8	0.9
Farm proprietors' income	-39,248	-51,056	-38,591	-12,188	-29,714	-31,512	-42,965	(2/)	(2/)	(2/)	(2/)
Nonfarm proprietors' income	6,582,639	6,582,267	6,634,346	6,100,015	6,595,217	6,528,703	6,599,751	-2.2	0.8	8.1	1.1
Dividends, interest, and rent	16,710,076	17,043,112	17,254,909	16,077,824	16,367,252	16,273,429	17,002,699	5.0	1.2	1.8	4.5
plus: Personal current transfer receipts	16,126,341	16,153,231	16,137,081	19,329,728	20,193,288	21,470,444	16,138,884	-8.7	-0.1	4.5	-24.8
Social Security benefits	5,415,100	5,455,378	5,493,513	4,784,652	4,994,484	4,972,736	5,454,664	9.7	0.7	4.4	9.7
Medicare benefits	3,336,544	3,351,213	3,383,539	2,977,952	3,231,990	3,207,129	3,357,099	3.6	1.0	8.5	4.7
Medicaid	2,803,369	2,891,042	2,937,112	2,445,353	2,815,492	2,821,961	2,877,174	4.1	1.6	15.1	2.0
State unempl. ins. comp.	158,778	134,548	124,024	3,891,579	2,139,511	2,776,955	139,117	-91.8	-7.8	-45.0	-95.0
All other personal current transfer receipts	4,412,550	4,321,050	4,198,893	5,230,192	7,011,811	7,691,663	4,310,831	-17.2	-2.8	34.1	-44.0
Less: Contributions for gov't social insurance	6,916,719	7,019,944	7,156,794	6,237,416	6,623,962	6,551,035	7,031,152	4.4	1.9	6.2	7.3
Personal contributions for gov't social ins.	3,633,472	3,688,079	3,758,250	3,295,044	3,494,112	3,459,193	3,693,267	3.9	1.9	6.0	6.8
Employer contributions for gov't social ins.	3,283,247	3,331,865	3,398,544	2,942,372	3,129,850	3,091,841	3,337,885	4.9	2.0	6.4	8.0
Earnings By Industry	59,891,633	60,566,536	61,672,887	53,939,388	57,921,085	57,300,612	60,710,352	2.9	1.8	7.4	6.0
Farm Earnings	209,570	204,480	219,869	205,730	204,924	200,892	211,306	12.5	7.5	-0.4	5.2
Nonfarm Earnings	59,682,063	60,362,056	61,453,018	53,733,658	57,716,161	57,099,720	60,499,046	2.9	1.8	7.4	6.0
Private earnings	42,614,101	43,388,159	44,247,533	37,163,414	40,639,902	39,925,932	43,416,598	4.0	2.0	9.4	8.7
Forestry, fishing, & related activities	(D)	(D)	(D)	84,850	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Mining	32,594	32,994	32,896	29,903	29,898	29,579	32,828	13.4	-0.3	0.0	11.0
Utilities	694,920	594,825	600,376	634,740	617,187	638,372	630,040	-7.2	0.9	-2.8	-1.3
Construction	4,601,971	4,674,196	4,692,991	4,594,454	4,676,401	4,636,809	4,656,386	-0.8	0.4	1.8	0.4
Manufacturing	(D)	(D)	(D)	947,207	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Durable goods	(D)	(D)	(D)	335,730	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Nondurable goods	649,416	663,332	679,017	611,477	623,933	614,347	663,922	5.2	2.4	2.0	8.1
Wholesale trade	1,539,811	1,597,726	1,591,186	1,422,728	1,496,632	1,471,149	1,576,241	2.2	-0.4	5.2	7.1
Retail trade	3,455,229	3,517,993	3,599,992	3,054,362	3,323,729	3,282,035	3,524,405	6.2	2.3	8.8	7.4
Transportation and warehousing	2,853,813	2,816,496	2,886,437	2,223,653	2,397,440	2,339,253	2,852,249	11.4	2.5	7.8	21.9
Information	1,057,488	1,068,627	1,117,074	780,000	983,624	971,738	1,081,063	4.4	4.5	26.1	11.3
Finance and insurance	1,991,702	1,895,537	1,881,824	1,877,783	2,005,530	2,015,304	1,923,021	-3.5	-0.7	6.8	-4.6
Real estate and rental and leasing	2,144,690	2,106,497	2,043,109	1,922,127	2,046,162	2,009,125	2,098,099	-2.5	-3.0	6.5	4.4
Prof., scientific, & technical services	3,682,683	3,751,954	3,803,293	3,250,837	3,535,247	3,499,443	3,745,977	5.4	1.4	8.7	7.0
Management of companies and enterprises	1,051,827	1,113,848	1,134,665	969,434	1,008,892	995,305	1,100,113	7.6	1.9	4.1	10.5
Admin. & waste management services	2,384,129	2,493,218	2,595,156	2,135,171	2,170,618	2,146,148	2,490,834	16.0	4.1	1.7	16.1
Educational services	917,084	931,107	948,459	839,126	916,236	898,934	932,217	2.0	1.9	9.2	3.7
Health care and social assistance	6,639,702	6,608,218	6,716,890	6,259,180	6,502,605	6,431,761	6,654,937	1.9	1.6	3.9	3.5
Arts, entertainment, and recreation	797,584	815,879	853,191	569,328	713,026	669,989	822,218	7.2	4.6	25.2	22.7
Accommodation and food services	5,422,094	5,963,125	6,294,142	3,440,278	4,983,792	4,694,310	5,893,120	5.3	5.6	44.9	25.5
Other services, except public admin.	2,325,085	2,352,762	2,379,988	2,128,253	2,208,217	2,179,617	2,352,612	5.5	1.2	3.8	7.9
Government and government enterprises	17,067,962	16,973,897	17,205,485	16,570,244	17,076,259	17,173,788	17,082,448	0.3	1.4	3.1	-0.5
Federal	9,360,095	9,414,425	9,486,013	8,843,121	9,348,008	9,326,776	9,420,178	0.3	0.8	5.7	1.0
Federal, civilian	4,354,578	4,447,211	4,510,905	4,177,414	4,332,559	4,333,204	4,437,565	3.3	1.4	3.7	2.4
Military	5,005,517	4,967,214	4,975,108	4,665,707	5,015,449	4,993,572	4,982,613	-2.3	0.2	7.5	-0.2
State and local	7,707,867	7,559,472	7,719,472	7,727,123	7,728,251	7,847,012	7,662,270	0.2	2.1	0.0	-2.4

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

1/ 2022Q1 and 2022Q2 revised from previous *QSER.*

2/ Percentage change involving negative values not meaningful.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 2022.

Table B-5. PERSONAL INCOME

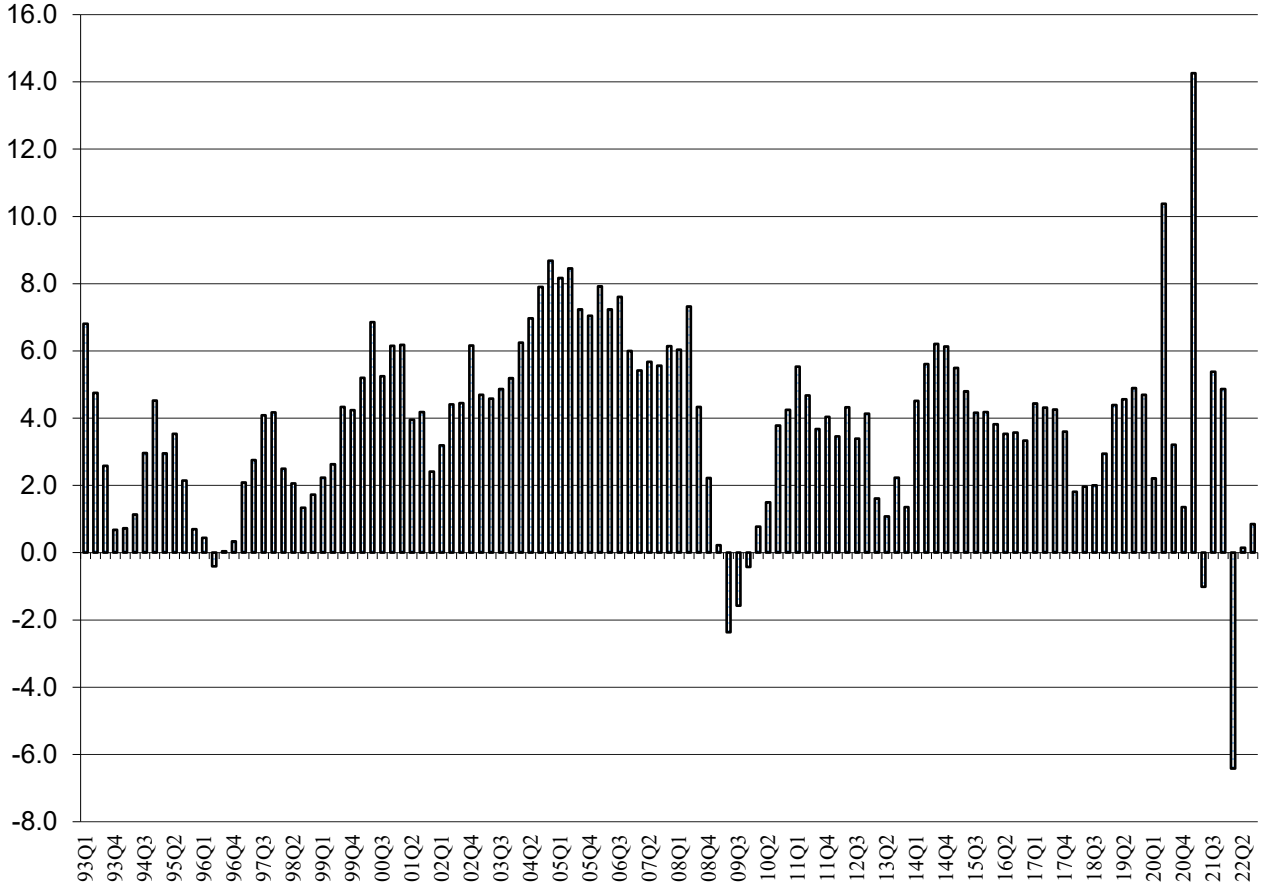
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	12,850,116	13,038,624	13,272,932	13,503,248	13,166,230
1983	14,174,288	14,290,260	14,407,944	14,900,768	14,443,315
1984	14,989,660	15,416,528	15,646,728	15,837,380	15,472,574
1985	16,165,136	16,359,104	16,546,976	16,738,836	16,452,513
1986	17,054,424	17,299,624	17,618,992	17,859,512	17,458,138
1987	18,041,348	18,377,060	18,779,656	19,276,736	18,618,700
1988	19,708,076	20,239,868	20,719,508	21,242,612	20,477,516
1989	21,805,200	22,286,220	23,242,704	24,160,212	22,873,584
1990	24,140,760	24,725,588	25,239,788	25,810,168	24,979,076
1991	25,993,160	26,138,392	26,522,260	27,077,888	26,432,925
1992	27,697,684	28,256,884	28,632,208	29,151,216	28,434,498
1993	29,583,148	29,600,600	29,372,120	29,350,124	29,476,498
1994	29,799,120	29,937,072	30,241,264	30,677,368	30,163,706
1995	30,678,928	30,995,828	30,890,928	30,890,388	30,864,018
1996	30,813,856	30,869,172	30,903,044	30,993,660	30,894,933
1997	31,458,580	31,720,076	32,165,524	32,286,008	31,907,547
1998	32,244,678	32,372,626	32,596,214	32,844,994	32,514,628
1999	32,963,167	33,225,423	34,008,011	34,235,963	33,608,141
2000	34,678,251	35,503,419	35,793,723	36,340,699	35,579,023
2001	36,821,004	36,905,844	37,291,356	37,216,220	37,058,606
2002	37,994,692	38,533,044	38,950,036	39,510,616	38,747,097
2003	39,780,052	40,298,976	40,845,204	41,561,396	40,621,407
2004	42,266,288	43,109,360	44,073,772	45,169,224	43,654,661
2005	45,720,592	46,753,556	47,263,400	48,353,864	47,022,853
2006	49,344,284	50,136,596	50,860,208	51,255,040	50,399,032
2007	52,018,048	52,982,156	53,687,444	54,400,656	53,272,076
2008	55,157,516	56,862,060	56,014,188	55,610,628	55,911,098
2009	55,278,280	55,519,884	55,131,836	55,373,952	55,325,988
2010	55,706,808	56,352,800	57,217,468	57,727,320	56,751,099
2011	58,786,928	58,986,092	59,319,896	60,059,548	59,288,116
2012	60,817,592	61,537,280	61,333,464	62,539,832	61,557,042
2013	61,799,468	62,199,984	62,699,240	63,386,276	62,521,242
2014	64,590,196	65,691,496	66,591,592	67,273,440	66,036,681
2015	68,137,900	68,846,940	69,365,756	70,085,620	69,109,054
2016	70,737,936	71,280,036	71,845,360	72,423,332	71,571,666
2017	73,879,836	74,355,244	74,904,112	75,032,068	74,542,815
2018	75,215,872	75,813,792	76,403,648	77,239,896	76,168,302
2019	78,519,200	79,272,764	80,143,024	80,863,852	79,699,710
2020	80,257,496	87,501,765	82,719,565	81,959,270	83,109,524
2021	91,698,041	86,615,221	87,167,091	85,950,299	87,857,663
2022 1/	85,811,331	86,742,935	87,908,083	Year-to-Date	86,820,783
Percentage Change from the Same Period in Previous Year					
1983	10.3	9.6	8.6	10.3	9.7
1984	5.8	7.9	8.6	6.3	7.1
1985	7.8	6.1	5.8	5.7	6.3
1986	5.5	5.7	6.5	6.7	6.1
1987	5.8	6.2	6.6	7.9	6.6
1988	9.2	10.1	10.3	10.2	10.0
1989	10.6	10.1	12.2	13.7	11.7
1990	10.7	10.9	8.6	6.8	9.2
1991	7.7	5.7	5.1	4.9	5.8
1992	6.6	8.1	8.0	7.7	7.6
1993	6.8	4.8	2.6	0.7	3.7
1994	0.7	1.1	3.0	4.5	2.3
1995	3.0	3.5	2.1	0.7	2.3
1996	0.4	-0.4	0.0	0.3	0.1
1997	2.1	2.8	4.1	4.2	3.3
1998	2.5	2.1	1.3	1.7	1.9
1999	2.2	2.6	4.3	4.2	3.4
2000	5.2	6.9	5.3	6.1	5.9
2001	6.2	4.0	4.2	2.4	4.2
2002	3.2	4.4	4.4	6.2	4.6
2003	4.7	4.6	4.9	5.2	4.8
2004	6.2	7.0	7.9	8.7	7.5
2005	8.2	8.5	7.2	7.1	7.7
2006	7.9	7.2	7.6	6.0	7.2
2007	5.4	5.7	5.6	6.1	5.7
2008	6.0	7.3	4.3	2.2	5.0
2009	0.2	-2.4	-1.6	-0.4	-1.0
2010	0.8	1.5	3.8	4.2	2.6
2011	5.5	4.7	3.7	4.0	4.5
2012	3.5	4.3	3.4	4.1	3.8
2013	1.6	1.1	2.2	1.4	1.6
2014	4.5	5.6	6.2	6.1	5.6
2015	5.5	4.8	4.2	4.2	4.7
2016	3.8	3.5	3.6	3.3	3.6
2017	4.4	4.3	4.3	3.6	4.2
2018	1.8	2.0	2.0	2.9	2.2
2019	4.4	4.6	4.9	4.7	4.6
2020	2.2	10.4	3.2	1.4	4.3
2021	14.3	-1.0	5.4	4.9	5.7
2022 1/	-6.4	0.1	0.9	Year-to-Date	-1.9

1/ 2022Q1 and 2022Q2 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 2022.

Figure 2. Growth in Personal Income

[percentage change from the same period in previous year]



Source: Table B-5. Personal Income.

Table B-6. PERSONAL INCOME PER CAPITA

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average 1/
In dollars 1/					
1982	(NA)	(NA)	(NA)	(NA)	13,249
1983	(NA)	(NA)	(NA)	(NA)	14,262
1984	(NA)	(NA)	(NA)	(NA)	15,052
1985	(NA)	(NA)	(NA)	(NA)	15,824
1986	(NA)	(NA)	(NA)	(NA)	16,599
1987	(NA)	(NA)	(NA)	(NA)	17,435
1988	(NA)	(NA)	(NA)	(NA)	18,964
1989	(NA)	(NA)	(NA)	(NA)	20,897
1990	(NA)	(NA)	(NA)	(NA)	22,433
1991	(NA)	(NA)	(NA)	(NA)	23,253
1992	(NA)	(NA)	(NA)	(NA)	24,542
1993	(NA)	(NA)	(NA)	(NA)	25,133
1994	(NA)	(NA)	(NA)	(NA)	25,400
1995	(NA)	(NA)	(NA)	(NA)	25,788
1996	(NA)	(NA)	(NA)	(NA)	25,665
1997	(NA)	(NA)	(NA)	(NA)	26,334
1998	(NA)	(NA)	(NA)	(NA)	26,756
1999	(NA)	(NA)	(NA)	(NA)	27,768
2000	(NA)	(NA)	(NA)	(NA)	29,319
2001	(NA)	(NA)	(NA)	(NA)	30,229
2002	(NA)	(NA)	(NA)	(NA)	31,257
2003	(NA)	(NA)	(NA)	(NA)	32,467
2004	(NA)	(NA)	(NA)	(NA)	34,277
2005	(NA)	(NA)	(NA)	(NA)	36,375
2006	(NA)	(NA)	(NA)	(NA)	38,480
2007	(NA)	(NA)	(NA)	(NA)	40,490
2008	(NA)	(NA)	(NA)	(NA)	41,969
2009	(NA)	(NA)	(NA)	(NA)	41,082
2010	41,015	41,355	41,835	42,048	41,563
2011	42,669	42,667	42,749	43,119	42,801
2012	43,511	43,875	43,573	44,273	43,808
2013	43,615	43,773	44,011	44,397	43,949
2014	45,157	45,848	46,373	46,736	46,029
2015	47,244	47,645	47,906	48,311	47,777
2016	48,678	48,968	49,298	49,671	49,154
2017	50,664	50,992	51,347	51,407	51,103
2018	51,525	51,929	52,332	52,921	52,177
2019	53,836	54,393	55,007	55,511	54,687
2020	55,128	60,201	57,016	56,586	57,233
2021	63,440	60,039	60,502	59,731	60,928
2022 2/	59,725	60,468	61,358	Year-to-Date	60,517
Percentage Change from the Same Period in Previous Year					
1983	(NA)	(NA)	(NA)	(NA)	7.6
1984	(NA)	(NA)	(NA)	(NA)	5.5
1985	(NA)	(NA)	(NA)	(NA)	5.1
1986	(NA)	(NA)	(NA)	(NA)	4.9
1987	(NA)	(NA)	(NA)	(NA)	5.0
1988	(NA)	(NA)	(NA)	(NA)	8.8
1989	(NA)	(NA)	(NA)	(NA)	10.2
1990	(NA)	(NA)	(NA)	(NA)	7.4
1991	(NA)	(NA)	(NA)	(NA)	3.7
1992	(NA)	(NA)	(NA)	(NA)	5.5
1993	(NA)	(NA)	(NA)	(NA)	2.4
1994	(NA)	(NA)	(NA)	(NA)	1.1
1995	(NA)	(NA)	(NA)	(NA)	1.5
1996	(NA)	(NA)	(NA)	(NA)	-0.5
1997	(NA)	(NA)	(NA)	(NA)	2.6
1998	(NA)	(NA)	(NA)	(NA)	1.6
1999	(NA)	(NA)	(NA)	(NA)	3.8
2000	(NA)	(NA)	(NA)	(NA)	5.6
2001	(NA)	(NA)	(NA)	(NA)	3.1
2002	(NA)	(NA)	(NA)	(NA)	3.4
2003	(NA)	(NA)	(NA)	(NA)	3.9
2004	(NA)	(NA)	(NA)	(NA)	5.6
2005	(NA)	(NA)	(NA)	(NA)	6.1
2006	(NA)	(NA)	(NA)	(NA)	5.8
2007	(NA)	(NA)	(NA)	(NA)	5.2
2008	(NA)	(NA)	(NA)	(NA)	3.7
2009	(NA)	(NA)	(NA)	(NA)	-2.1
2010	(NA)	(NA)	(NA)	(NA)	1.2
2011	4.0	3.2	2.2	2.5	3.0
2012	2.0	2.8	1.9	2.7	2.4
2013	0.2	-0.2	1.0	0.3	0.3
2014	3.5	4.7	5.4	5.3	4.7
2015	4.6	3.9	3.3	3.4	3.8
2016	3.0	2.8	2.9	2.8	2.9
2017	4.1	4.1	4.2	3.5	4.0
2018	1.7	1.8	1.9	2.9	2.1
2019	4.5	4.7	5.1	4.9	4.8
2020	2.4	10.7	3.7	1.9	4.7
2021	15.1	-0.3	6.1	5.6	6.5
2022 2/	-5.9	0.7	1.4	Year-to-Date	-1.3

NA Not available.

1/ BEA Annual estimates for 1982 to 2009 and average of quarterly estimates thereafter.

2/ 2022Q1 and 2022Q2 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 2022.

Table B-7. POPULATION

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual 1/
In persons 2/					
1982	(NA)	(NA)	(NA)	(NA)	993,780
1983	(NA)	(NA)	(NA)	(NA)	1,012,717
1984	(NA)	(NA)	(NA)	(NA)	1,027,922
1985	(NA)	(NA)	(NA)	(NA)	1,039,698
1986	(NA)	(NA)	(NA)	(NA)	1,051,762
1987	(NA)	(NA)	(NA)	(NA)	1,067,917
1988	(NA)	(NA)	(NA)	(NA)	1,079,827
1989	(NA)	(NA)	(NA)	(NA)	1,094,588
1990	(NA)	(NA)	(NA)	(NA)	1,113,491
1991	(NA)	(NA)	(NA)	(NA)	1,136,754
1992	(NA)	(NA)	(NA)	(NA)	1,158,613
1993	(NA)	(NA)	(NA)	(NA)	1,172,838
1994	(NA)	(NA)	(NA)	(NA)	1,187,536
1995	(NA)	(NA)	(NA)	(NA)	1,196,854
1996	(NA)	(NA)	(NA)	(NA)	1,203,755
1997	(NA)	(NA)	(NA)	(NA)	1,211,640
1998	(NA)	(NA)	(NA)	(NA)	1,215,233
1999	(NA)	(NA)	(NA)	(NA)	1,210,300
2000	(NA)	(NA)	(NA)	(NA)	1,213,519
2001	(NA)	(NA)	(NA)	(NA)	1,225,948
2002	(NA)	(NA)	(NA)	(NA)	1,239,613
2003	(NA)	(NA)	(NA)	(NA)	1,251,154
2004	(NA)	(NA)	(NA)	(NA)	1,273,569
2005	(NA)	(NA)	(NA)	(NA)	1,292,729
2006	(NA)	(NA)	(NA)	(NA)	1,309,731
2007	(NA)	(NA)	(NA)	(NA)	1,315,675
2008	(NA)	(NA)	(NA)	(NA)	1,332,213
2009	(NA)	(NA)	(NA)	(NA)	1,346,717
2010	1,358,217	1,362,657	1,367,695	1,372,894	1,365,366
2011	1,377,749	1,382,477	1,387,627	1,392,865	1,385,180
2012	1,397,756	1,402,555	1,407,604	1,412,605	1,405,130
2013	1,416,938	1,420,983	1,424,629	1,427,712	1,422,566
2014	1,430,340	1,432,818	1,435,999	1,439,421	1,434,645
2015	1,442,263	1,444,989	1,447,944	1,450,726	1,446,481
2016	1,453,183	1,455,649	1,457,362	1,458,057	1,456,063
2017	1,458,222	1,458,178	1,458,785	1,459,568	1,458,688
2018	1,459,800	1,459,949	1,459,988	1,459,519	1,459,814
2019	1,458,502	1,457,404	1,456,969	1,456,718	1,457,398
2020	1,455,836	1,453,501	1,450,808	1,448,407	1,452,138
2021	1,445,425	1,442,654	1,440,725	1,438,955	1,441,940
2022	1,436,786	1,434,535	1,432,711	Year-to-Date	1,434,677
Percentage Change from the Same Period in Previous Year					
1983	(NA)	(NA)	(NA)	(NA)	1.9
1984	(NA)	(NA)	(NA)	(NA)	1.5
1985	(NA)	(NA)	(NA)	(NA)	1.1
1986	(NA)	(NA)	(NA)	(NA)	1.2
1987	(NA)	(NA)	(NA)	(NA)	1.5
1988	(NA)	(NA)	(NA)	(NA)	1.1
1989	(NA)	(NA)	(NA)	(NA)	1.4
1990	(NA)	(NA)	(NA)	(NA)	1.7
1991	(NA)	(NA)	(NA)	(NA)	2.1
1992	(NA)	(NA)	(NA)	(NA)	1.9
1993	(NA)	(NA)	(NA)	(NA)	1.2
1994	(NA)	(NA)	(NA)	(NA)	1.3
1995	(NA)	(NA)	(NA)	(NA)	0.8
1996	(NA)	(NA)	(NA)	(NA)	0.6
1997	(NA)	(NA)	(NA)	(NA)	0.7
1998	(NA)	(NA)	(NA)	(NA)	0.3
1999	(NA)	(NA)	(NA)	(NA)	-0.4
2000	(NA)	(NA)	(NA)	(NA)	0.3
2001	(NA)	(NA)	(NA)	(NA)	1.0
2002	(NA)	(NA)	(NA)	(NA)	1.1
2003	(NA)	(NA)	(NA)	(NA)	0.9
2004	(NA)	(NA)	(NA)	(NA)	1.8
2005	(NA)	(NA)	(NA)	(NA)	1.5
2006	(NA)	(NA)	(NA)	(NA)	1.3
2007	(NA)	(NA)	(NA)	(NA)	0.5
2008	(NA)	(NA)	(NA)	(NA)	1.3
2009	(NA)	(NA)	(NA)	(NA)	1.1
2010	(NA)	(NA)	(NA)	(NA)	1.4
2011	1.4	1.5	1.5	1.5	1.5
2012	1.5	1.5	1.4	1.4	1.4
2013	1.4	1.3	1.2	1.1	1.2
2014	0.9	0.8	0.8	0.8	0.8
2015	0.8	0.8	0.8	0.8	0.8
2016	0.8	0.7	0.7	0.5	0.7
2017	0.3	0.2	0.1	0.1	0.2
2018	0.1	0.1	0.1	0.0	0.1
2019	-0.1	-0.2	-0.2	-0.2	-0.2
2020	-0.2	-0.3	-0.4	-0.6	-0.4
2021	-0.7	-0.7	-0.7	-0.7	-0.7
2022	-0.6	-0.6	-0.6	Year-to-Date	-0.6

NA Not available.

1/ BEA Annual estimates for 1982 to 2009 and average of quarterly estimates thereafter.

2/ Census Bureau midyear population estimate through 2009. BEA produced intercensal quarterly and annual state p statistics for 2010 to 2019 that are tied to the Census Bureau decennial counts for 2010 and 2020. BEA developed interc population statistics because this data was not published when Census released state population data for 2020 and 2021. are based on the 2020 decennial counts and BEA statistics will be used until Census releases its official intercensal popu

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 2022.

Table B-8. TOTAL WAGES AND SALARIES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	7,390,532	7,536,624	7,697,388	7,798,476	7,605,755
1983	7,963,136	8,024,164	8,036,048	8,314,832	8,084,545
1984	8,362,084	8,610,816	8,659,696	8,743,292	8,593,972
1985	8,918,572	9,073,544	9,251,028	9,396,264	9,159,852
1986	9,502,636	9,618,768	9,828,236	10,105,052	9,763,673
1987	10,274,900	10,524,864	10,782,512	11,083,548	10,666,456
1988	11,287,304	11,640,504	11,894,180	12,247,440	11,767,357
1989	12,471,900	12,817,668	13,160,156	13,541,768	12,997,873
1990	13,783,456	14,252,692	14,591,348	14,991,544	14,404,760
1991	15,012,300	15,140,180	15,379,604	15,651,964	15,296,012
1992	16,080,268	16,281,772	16,289,356	16,377,456	16,257,213
1993	16,687,672	16,687,976	16,415,652	16,272,392	16,515,923
1994	16,645,160	16,573,708	16,670,592	16,776,052	16,666,378
1995	16,655,312	16,784,084	16,631,696	16,649,440	16,680,133
1996	16,648,548	16,678,548	16,752,192	16,793,280	16,718,142
1997	17,042,872	17,133,772	17,371,680	17,315,148	17,215,868
1998	17,580,240	17,529,348	17,623,988	17,750,568	17,621,036
1999	17,817,392	17,951,288	18,459,076	18,513,988	18,185,436
2000	18,786,964	19,173,688	19,226,908	19,504,560	19,173,030
2001	19,727,744	19,694,288	20,030,616	19,871,720	19,831,092
2002	20,400,996	20,739,588	21,022,696	21,306,916	20,867,549
2003	21,524,496	21,866,016	22,110,932	22,521,000	22,005,611
2004	22,825,116	23,325,240	24,029,052	24,480,168	23,664,894
2005	24,596,228	25,001,612	25,300,644	25,844,628	25,185,778
2006	26,336,472	26,617,592	27,083,980	27,444,260	26,870,576
2007	27,960,964	28,151,316	28,569,236	28,895,452	28,394,242
2008	29,279,376	29,262,116	29,121,972	29,119,812	29,195,819
2009	28,494,424	28,738,524	28,408,836	28,424,364	28,516,537
2010	28,253,704	28,467,804	28,824,880	28,851,296	28,599,421
2011	29,342,576	29,224,556	29,551,952	29,685,944	29,451,257
2012	30,200,324	30,595,980	30,698,240	31,174,716	30,667,315
2013	31,377,660	31,434,460	31,450,344	31,794,136	31,514,150
2014	32,343,276	32,619,124	32,938,716	33,422,132	32,830,812
2015	34,052,156	34,461,104	34,725,712	35,130,720	34,592,423
2016	35,445,760	35,754,472	36,075,816	36,374,244	35,912,573
2017	36,820,964	37,054,988	37,532,516	37,606,772	37,253,810
2018	37,583,124	38,012,392	38,274,544	38,566,200	38,109,065
2019	38,778,012	38,928,676	39,424,028	39,967,228	39,274,486
2020	40,060,744	34,792,244	35,108,856	36,876,656	36,709,625
2021	36,990,476	39,163,340	41,244,168	41,257,456	39,663,860
2022 1/	41,462,235	42,094,408	42,967,481	Year-to-Date	42,174,708
Percentage Change from the Same Period in Previous Year					
1983	7.7	6.5	4.4	6.6	6.3
1984	5.0	7.3	7.8	5.2	6.3
1985	6.7	5.4	6.8	7.5	6.6
1986	6.5	6.0	6.2	7.5	6.6
1987	8.1	9.4	9.7	9.7	9.2
1988	9.9	10.6	10.3	10.5	10.3
1989	10.5	10.1	10.6	10.6	10.5
1990	10.5	11.2	10.9	10.7	10.8
1991	8.9	6.2	5.4	4.4	6.2
1992	7.1	7.5	5.9	4.6	6.3
1993	3.8	2.5	0.8	-0.6	1.6
1994	-0.3	-0.7	1.6	3.1	0.9
1995	0.1	1.3	-0.2	-0.8	0.1
1996	0.0	-0.6	0.7	0.9	0.2
1997	2.4	2.7	3.7	3.1	3.0
1998	3.2	2.3	1.5	2.5	2.4
1999	1.3	2.4	4.7	4.3	3.2
2000	5.4	6.8	4.2	5.4	5.4
2001	5.0	2.7	4.2	1.9	3.4
2002	3.4	5.3	5.0	7.2	5.2
2003	5.5	5.4	5.2	5.7	5.5
2004	6.0	6.7	8.7	8.7	7.5
2005	7.8	7.2	5.3	5.6	6.4
2006	7.1	6.5	7.0	6.2	6.7
2007	6.2	5.8	5.5	5.3	5.7
2008	4.7	3.9	1.9	0.8	2.8
2009	-2.7	-1.8	-2.4	-2.4	-2.3
2010	-0.8	-0.9	1.5	1.5	0.3
2011	3.9	2.7	2.5	2.9	3.0
2012	2.9	4.7	3.9	5.0	4.1
2013	3.9	2.7	2.4	2.0	2.8
2014	3.1	3.8	4.7	5.1	4.2
2015	5.3	5.6	5.4	5.1	5.4
2016	4.1	3.8	3.9	3.5	3.8
2017	3.9	3.6	4.0	3.4	3.7
2018	2.1	2.6	2.0	2.6	2.3
2019	3.2	2.4	3.0	3.6	3.1
2020	3.3	-10.6	-10.9	-7.7	-6.5
2021	-7.7	12.6	17.5	11.9	8.0
2022 1/	12.1	7.5	4.2	Year-to-Date	7.8

1/ 2022Q1 and 2022Q2 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 2022.

Table B-9. SUPPLEMENTS TO WAGES AND SALARIES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	1,710,792	1,761,792	1,813,756	1,854,160	1,785,125
1983	1,929,728	1,946,976	1,952,400	2,015,996	1,961,275
1984	2,086,060	2,151,472	2,172,468	2,200,136	2,152,534
1985	2,237,144	2,279,636	2,331,240	2,371,688	2,304,927
1986	2,418,120	2,467,184	2,519,928	2,567,940	2,493,293
1987	2,547,500	2,584,728	2,623,648	2,662,416	2,604,573
1988	2,738,316	2,803,380	2,863,020	2,943,408	2,837,031
1989	3,000,980	3,108,256	3,199,612	3,281,260	3,147,527
1990	3,350,296	3,420,536	3,496,928	3,612,000	3,469,940
1991	3,664,464	3,709,616	3,798,868	3,917,748	3,772,674
1992	4,085,056	4,168,608	4,194,448	4,171,976	4,155,022
1993	4,309,780	4,255,644	4,191,156	4,149,760	4,226,585
1994	4,308,600	4,267,848	4,289,340	4,280,268	4,286,514
1995	4,216,792	4,221,368	4,148,296	4,118,460	4,176,229
1996	4,071,788	4,030,952	4,012,876	3,997,524	4,028,285
1997	4,015,988	4,023,944	4,078,120	4,054,016	4,043,017
1998	4,094,176	4,085,708	4,098,504	4,115,952	4,098,585
1999	4,113,144	4,146,920	4,304,144	4,293,044	4,214,313
2000	4,328,544	4,465,084	4,499,320	4,604,168	4,474,279
2001	4,687,116	4,724,312	4,885,484	4,915,292	4,803,051
2002	5,083,980	5,197,500	5,344,016	5,552,220	5,294,429
2003	5,764,464	5,914,200	5,992,068	6,049,280	5,930,003
2004	6,149,520	6,209,284	6,359,336	6,521,008	6,309,787
2005	6,698,684	6,828,500	6,849,556	6,947,544	6,831,071
2006	6,912,012	6,937,752	7,038,240	7,091,388	6,994,848
2007	7,170,900	7,275,768	7,451,624	7,553,060	7,362,838
2008	7,642,332	7,672,848	7,608,528	7,559,708	7,620,854
2009	7,525,228	7,527,232	7,466,000	7,509,756	7,507,054
2010	7,757,700	7,838,744	8,053,220	8,200,332	7,962,499
2011	8,596,944	8,654,712	8,749,196	8,858,984	8,714,959
2012	8,783,836	8,861,624	8,888,656	8,956,768	8,872,721
2013	9,134,940	9,254,372	9,355,692	9,483,588	9,307,148
2014	9,592,188	9,633,896	9,688,824	9,743,412	9,664,580
2015	9,804,768	9,897,332	9,962,256	10,032,852	9,924,302
2016	10,158,368	10,171,292	10,177,504	10,235,748	10,185,728
2017	10,279,944	10,369,944	10,532,428	10,644,752	10,456,767
2018	10,735,576	10,973,720	11,049,860	11,125,216	10,971,093
2019	11,002,204	11,027,268	11,175,784	11,385,080	11,147,584
2020	11,580,020	10,750,768	10,915,024	11,321,932	11,141,936
2021	11,398,408	11,682,460	11,931,412	11,754,608	11,691,722
2022 1/	11,886,007	11,940,917	12,109,651	Year-to-Date	11,978,858
Percentage Change from the Same Period in Previous Year					
1983	12.8	10.5	7.6	8.7	9.9
1984	8.1	10.5	11.3	9.1	9.8
1985	7.2	6.0	7.3	7.8	7.1
1986	8.1	8.2	8.1	8.3	8.2
1987	5.4	4.8	4.1	3.7	4.5
1988	7.5	8.5	9.1	10.6	8.9
1989	9.6	10.9	11.8	11.5	10.9
1990	11.6	10.0	9.3	10.1	10.2
1991	9.4	8.5	8.6	8.5	8.7
1992	11.5	12.4	10.4	6.5	10.1
1993	5.5	2.1	-0.1	-0.5	1.7
1994	0.0	0.3	2.3	3.1	1.4
1995	-2.1	-1.1	-3.3	-3.8	-2.6
1996	-3.4	-4.5	-3.3	-2.9	-3.5
1997	-1.4	-0.2	1.6	1.4	0.4
1998	1.9	1.5	0.5	1.5	1.4
1999	0.5	1.5	5.0	4.3	2.8
2000	5.2	7.7	4.5	7.2	6.2
2001	8.3	5.8	8.6	6.8	7.3
2002	8.5	10.0	9.4	13.0	10.2
2003	13.4	13.8	12.1	9.0	12.0
2004	6.7	5.0	6.1	7.8	6.4
2005	8.9	10.0	7.7	6.5	8.3
2006	3.2	1.6	2.8	2.1	2.4
2007	3.7	4.9	5.9	6.5	5.3
2008	6.6	5.5	2.1	0.1	3.5
2009	-1.5	-1.9	-1.9	-0.7	-1.5
2010	3.1	4.1	7.9	9.2	6.1
2011	10.8	10.4	8.6	8.0	9.5
2012	2.2	2.4	1.6	1.1	1.8
2013	4.0	4.4	5.3	5.9	4.9
2014	5.0	4.1	3.6	2.7	3.8
2015	2.2	2.7	2.8	3.0	2.7
2016	3.6	2.8	2.2	2.0	2.6
2017	1.2	2.0	3.5	4.0	2.7
2018	4.4	5.8	4.9	4.5	4.9
2019	2.5	0.5	1.1	2.3	1.6
2020	5.3	-2.5	-2.3	-0.6	-0.1
2021	-1.6	8.7	9.3	3.8	4.9
2022 1/	4.3	2.2	1.5	Year-to-Date	2.6

1/ 2022Q1 and 2022Q2 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 2022.

Table B-10. PROPRIETORS' INCOME

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	712,308	754,320	774,488	784,032	756,287
1983	1,076,756	957,528	874,816	919,292	957,098
1984	901,092	939,780	969,912	950,332	940,279
1985	1,028,524	1,016,588	987,528	976,840	1,002,370
1986	989,520	1,067,696	1,181,908	1,152,596	1,097,930
1987	1,169,888	1,154,120	1,159,896	1,212,844	1,174,187
1988	1,400,232	1,509,372	1,529,904	1,450,036	1,472,386
1989	1,441,300	1,339,860	1,802,300	2,206,596	1,697,514
1990	1,847,700	1,885,624	1,950,052	1,962,384	1,911,440
1991	2,027,004	1,913,476	1,888,912	1,907,248	1,934,160
1992	1,771,840	1,880,032	2,080,136	2,268,504	2,000,128
1993	2,214,608	2,180,124	2,158,116	2,203,992	2,189,210
1994	2,095,516	2,151,252	2,195,304	2,270,692	2,178,191
1995	2,224,264	2,254,396	2,295,232	2,342,764	2,279,164
1996	2,259,112	2,342,360	2,383,316	2,431,120	2,353,977
1997	2,432,636	2,458,096	2,502,096	2,539,884	2,483,178
1998	2,293,694	2,361,090	2,431,030	2,510,526	2,399,085
1999	2,606,727	2,650,119	2,693,675	2,754,355	2,676,219
2000	2,792,259	2,908,027	2,982,695	3,098,415	2,945,349
2001	3,360,832	3,423,728	3,497,920	3,433,336	3,428,954
2002	3,584,736	3,641,376	3,702,400	3,772,032	3,675,136
2003	3,685,324	3,776,740	3,886,116	3,952,012	3,825,048
2004	3,985,548	4,084,400	4,108,772	4,116,420	4,073,785
2005	4,309,044	4,425,920	4,575,284	4,712,764	4,505,753
2006	4,692,028	4,745,096	4,736,600	4,725,388	4,724,778
2007	4,348,108	4,172,944	4,045,860	3,954,836	4,130,437
2008	3,913,012	3,938,664	3,855,352	3,749,156	3,864,046
2009	3,937,056	3,991,392	4,162,072	4,484,236	4,143,689
2010	4,280,264	4,365,968	4,418,180	4,500,092	4,391,126
2011	4,125,880	4,223,176	4,354,824	4,445,240	4,287,280
2012	4,878,764	4,964,392	4,967,124	5,012,856	4,955,784
2013	4,978,876	5,017,052	4,996,632	5,007,828	5,000,097
2014	5,017,064	5,119,096	5,215,640	5,207,044	5,139,711
2015	5,468,772	5,429,436	5,498,148	5,585,796	5,495,538
2016	5,458,688	5,491,392	5,573,244	5,576,960	5,525,071
2017	6,158,036	6,115,392	6,058,336	6,065,480	6,099,311
2018	6,366,272	6,361,632	6,415,516	6,464,760	6,402,045
2019	6,805,028	6,841,916	6,882,156	6,848,864	6,844,491
2020	5,964,948	5,454,705	6,718,549	6,213,106	6,087,827
2021	6,132,001	6,616,669	6,742,903	6,770,439	6,565,503
2022 1/	6,543,391	6,531,211	6,595,755	Year-to-Date	6,556,786
Percentage Change from the Same Period in Previous Year					
1983	51.2	26.9	13.0	17.3	26.6
1984	-16.3	-1.9	10.9	3.4	-1.8
1985	14.1	8.2	1.8	2.8	6.6
1986	-3.8	5.0	19.7	18.0	9.5
1987	18.2	8.1	-1.9	5.2	6.9
1988	19.7	30.8	31.9	19.6	25.4
1989	2.9	-11.2	17.8	52.2	15.3
1990	28.2	40.7	8.2	-11.1	12.6
1991	9.7	1.5	-3.1	-2.8	1.2
1992	-12.6	-1.7	10.1	18.9	3.4
1993	25.0	16.0	3.7	-2.8	9.5
1994	-5.4	-1.3	1.7	3.0	-0.5
1995	6.1	4.8	4.6	3.2	4.6
1996	1.6	3.9	3.8	3.8	3.3
1997	7.7	4.9	5.0	4.5	5.5
1998	-5.7	-3.9	-2.8	-1.2	-3.4
1999	13.6	12.2	10.8	9.7	11.6
2000	7.1	9.7	10.7	12.5	10.1
2001	20.4	17.7	17.3	10.8	16.4
2002	6.7	6.4	5.8	9.9	7.2
2003	2.8	3.7	5.0	4.8	4.1
2004	8.1	8.1	5.7	4.2	6.5
2005	8.1	8.4	11.4	14.5	10.6
2006	8.9	7.2	3.5	0.3	4.9
2007	-7.3	-12.1	-14.6	-16.3	-12.6
2008	-10.0	-5.6	-4.7	-5.2	-6.4
2009	0.6	1.3	8.0	19.6	7.2
2010	8.7	9.4	6.2	0.4	6.0
2011	-3.6	-3.3	-1.4	-1.2	-2.4
2012	18.2	17.6	14.1	12.8	15.6
2013	2.1	1.1	0.6	-0.1	0.9
2014	0.8	2.0	4.4	4.0	2.8
2015	9.0	6.1	5.4	7.3	6.9
2016	-0.2	1.1	1.4	-0.2	0.5
2017	12.8	11.4	8.7	8.8	10.4
2018	3.4	4.0	5.9	6.6	5.0
2019	6.9	7.5	7.3	5.9	6.9
2020	-12.3	-20.3	-2.4	-9.3	-11.1
2021	2.8	21.3	0.4	9.0	7.8
2022 1/	6.7	-1.3	-2.2	Year-to-Date	0.9

1/ 2022Q1 and 2022Q2 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 2022.

Table B-11. DIVIDENDS, INTEREST, AND RENT

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	2,770,580	2,724,900	2,704,264	2,743,728	2,735,868
1983	2,912,460	3,044,344	3,216,792	3,327,808	3,125,351
1984	3,351,600	3,441,612	3,563,876	3,626,604	3,495,923
1985	3,684,312	3,707,320	3,706,604	3,749,132	3,711,842
1986	3,884,592	3,899,456	3,872,692	3,863,516	3,880,064
1987	3,873,560	3,945,412	4,068,692	4,194,532	4,020,549
1988	4,192,344	4,233,652	4,392,344	4,582,192	4,350,133
1989	4,794,436	4,948,956	5,041,712	5,137,344	4,980,612
1990	5,167,368	5,231,608	5,330,872	5,362,784	5,273,158
1991	5,373,248	5,430,396	5,510,752	5,569,752	5,471,037
1992	5,717,344	5,817,980	5,868,656	5,958,412	5,840,598
1993	6,127,884	6,151,824	6,162,392	6,187,112	6,157,303
1994	6,275,364	6,392,860	6,497,920	6,628,024	6,448,542
1995	6,659,148	6,736,344	6,749,176	6,763,408	6,727,019
1996	6,717,532	6,670,572	6,689,676	6,741,232	6,704,753
1997	6,888,588	7,042,684	7,169,700	7,306,268	7,101,810
1998	7,202,300	7,299,352	7,353,296	7,347,852	7,300,700
1999	7,250,480	7,291,292	7,380,448	7,477,052	7,349,818
2000	7,571,276	7,711,744	7,817,200	7,880,180	7,745,100
2001	7,743,396	7,668,228	7,565,736	7,394,436	7,592,949
2002	7,308,476	7,356,144	7,342,524	7,381,988	7,347,283
2003	7,324,308	7,274,736	7,390,208	7,567,260	7,389,128
2004	7,699,324	7,864,412	7,981,124	8,382,188	7,981,762
2005	8,370,276	8,646,792	8,721,792	9,090,400	8,707,315
2006	9,558,428	10,068,920	10,183,236	10,247,480	10,014,516
2007	10,509,776	11,218,160	11,418,052	11,615,732	11,190,430
2008	11,860,468	11,895,884	12,256,252	12,128,692	12,035,324
2009	11,809,168	11,386,760	11,124,964	11,043,028	11,340,980
2010	11,079,372	11,192,228	11,209,868	11,389,048	11,217,629
2011	11,501,132	11,579,828	11,614,108	11,939,120	11,658,547
2012	11,941,228	12,161,980	11,975,880	12,640,008	12,179,774
2013	12,004,912	12,129,504	12,349,216	12,510,560	12,248,548
2014	12,768,000	13,154,828	13,406,280	13,571,208	13,225,079
2015	13,549,428	13,760,888	13,848,296	13,979,804	13,784,604
2016	14,164,492	14,276,064	14,390,056	14,523,264	14,338,469
2017	14,817,188	14,941,452	14,904,464	14,813,776	14,869,220
2018	14,515,676	14,591,892	14,851,332	15,315,636	14,818,634
2019	15,827,100	16,278,644	16,461,452	16,503,600	16,267,699
2020	16,350,780	16,019,604	15,891,304	16,049,608	16,077,824
2021	16,106,284	16,279,888	16,434,116	16,648,720	16,367,252
2022	16,710,076	17,043,112	17,254,909	Year-to-Date	17,002,699
Percentage Change from the Same Period in Previous Year					
1983	5.1	11.7	19.0	21.3	14.2
1984	15.1	13.0	10.8	9.0	11.9
1985	9.9	7.7	4.0	3.4	6.2
1986	5.4	5.2	4.5	3.1	4.5
1987	-0.3	1.2	5.1	8.6	3.6
1988	8.2	7.3	8.0	9.2	8.2
1989	14.4	16.9	14.8	12.1	14.5
1990	7.8	5.7	5.7	4.4	5.9
1991	4.0	3.8	3.4	3.9	3.8
1992	6.4	7.1	6.5	7.0	6.8
1993	7.2	5.7	5.0	3.8	5.4
1994	2.4	3.9	5.4	7.1	4.7
1995	6.1	5.4	3.9	2.0	4.3
1996	0.9	-1.0	-0.9	-0.3	-0.3
1997	2.5	5.6	7.2	8.4	5.9
1998	4.6	3.6	2.6	0.6	2.8
1999	0.7	-0.1	0.4	1.8	0.7
2000	4.4	5.8	5.9	5.4	5.4
2001	2.3	-0.6	-3.2	-6.2	-2.0
2002	-5.6	-4.1	-3.0	-0.2	-3.2
2003	0.2	-1.1	0.6	2.5	0.6
2004	5.1	8.1	8.0	10.8	8.0
2005	8.7	9.9	9.3	8.4	9.1
2006	14.2	16.4	16.8	12.7	15.0
2007	10.0	11.4	12.1	13.4	11.7
2008	12.9	6.0	7.3	4.4	7.6
2009	-0.4	-4.3	-9.2	-9.0	-5.8
2010	-6.2	-1.7	0.8	3.1	-1.1
2011	3.8	3.5	3.6	4.8	3.9
2012	3.8	5.0	3.1	5.9	4.5
2013	0.5	-0.3	3.1	-1.0	0.6
2014	6.4	8.5	8.6	8.5	8.0
2015	6.1	4.6	3.3	3.0	4.2
2016	4.5	3.7	3.9	3.9	4.0
2017	4.6	4.7	3.6	2.0	3.7
2018	-2.0	-2.3	-0.4	3.4	-0.3
2019	9.0	11.6	10.8	7.8	9.8
2020	3.3	-1.6	-3.5	-2.8	-1.2
2021	-1.5	1.6	3.4	3.7	1.8
2022	3.7	4.7	5.0	Year-to-Date	4.5

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 2022.

Table B-12. PERSONAL CURRENT TRANSFER RECEIPTS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	1,188,652	1,198,088	1,238,556	1,291,564	1,229,215
1983	1,318,144	1,348,620	1,356,724	1,381,832	1,351,330
1984	1,400,712	1,411,732	1,421,340	1,466,876	1,425,165
1985	1,491,776	1,504,184	1,523,096	1,523,848	1,510,726
1986	1,563,988	1,573,736	1,580,492	1,578,084	1,574,075
1987	1,599,700	1,625,216	1,637,804	1,655,072	1,629,448
1988	1,714,660	1,728,284	1,754,652	1,788,128	1,746,431
1989	1,886,720	1,922,700	1,955,060	1,983,608	1,937,022
1990	2,054,588	2,077,840	2,087,504	2,171,220	2,097,788
1991	2,214,916	2,266,772	2,302,816	2,431,564	2,304,017
1992	2,532,932	2,625,760	2,710,380	2,832,984	2,675,514
1993	2,852,064	2,889,368	2,965,100	3,015,240	2,930,443
1994	3,073,424	3,118,172	3,174,072	3,322,368	3,172,009
1995	3,501,032	3,598,596	3,645,796	3,603,044	3,587,117
1996	3,696,744	3,731,740	3,661,156	3,628,708	3,679,587
1997	3,696,368	3,683,484	3,692,636	3,702,460	3,693,737
1998	3,746,428	3,756,596	3,758,936	3,803,044	3,766,251
1999	3,866,700	3,894,300	3,946,608	3,981,120	3,922,182
2000	4,016,168	4,123,956	4,167,340	4,213,212	4,130,169
2001	4,317,800	4,421,796	4,396,968	4,664,920	4,450,371
2002	4,774,616	4,812,868	4,808,760	4,832,040	4,807,071
2003	4,902,036	4,952,032	4,980,092	5,017,504	4,962,916
2004	5,195,448	5,246,844	5,295,904	5,428,292	5,291,622
2005	5,572,164	5,750,416	5,773,864	5,812,780	5,727,306
2006	6,001,932	5,979,788	6,106,024	6,079,140	6,041,721
2007	6,425,568	6,571,264	6,665,688	6,883,900	6,636,605
2008	7,017,404	8,637,368	7,689,352	7,562,848	7,726,743
2009	7,952,384	8,366,624	8,433,820	8,422,052	8,293,720
2010	8,960,268	9,168,692	9,464,096	9,556,252	9,287,327
2011	9,678,788	9,751,116	9,545,952	9,636,416	9,653,068
2012	9,566,676	9,564,652	9,441,604	9,484,964	9,514,474
2013	9,678,376	9,787,680	9,967,544	10,021,504	9,863,776
2014	10,260,376	10,585,100	10,805,876	10,863,588	10,628,735
2015	10,898,280	10,988,592	11,044,804	11,114,024	11,011,425
2016	11,270,416	11,392,116	11,484,268	11,612,076	11,439,719
2017	11,806,184	11,911,160	11,994,196	12,037,856	11,937,349
2018	12,192,740	12,135,372	12,128,368	12,149,448	12,151,482
2019	12,543,844	12,673,868	12,769,160	12,831,476	12,704,587
2020	13,039,688	26,498,408	20,074,060	17,706,756	19,329,728
2021	27,311,200	19,427,692	17,672,440	16,361,820	20,193,288
2022 1/	16,126,341	16,153,231	16,137,081	Year-to-Date	16,138,884
Percentage Change from the Same Period in Previous Year					
1983	10.9	12.6	9.5	7.0	9.9
1984	6.3	4.7	4.8	6.2	5.5
1985	6.5	6.5	7.2	3.9	6.0
1986	4.8	4.6	3.8	3.6	4.2
1987	2.3	3.3	3.6	4.9	3.5
1988	7.2	6.3	7.1	8.0	7.2
1989	10.0	11.2	11.4	10.9	10.9
1990	8.9	8.1	6.8	9.5	8.3
1991	7.8	9.1	10.3	12.0	9.8
1992	14.4	15.8	17.7	16.5	16.1
1993	12.6	10.0	9.4	6.4	9.5
1994	7.8	7.9	7.0	10.2	8.2
1995	13.9	15.4	14.9	8.4	13.1
1996	5.6	3.7	0.4	0.7	2.6
1997	0.0	-1.3	0.9	2.0	0.4
1998	1.4	2.0	1.8	2.7	2.0
1999	3.2	3.7	5.0	4.7	4.1
2000	3.9	5.9	5.6	5.8	5.3
2001	7.5	7.2	5.5	10.7	7.8
2002	10.6	8.8	9.4	3.6	8.0
2003	2.7	2.9	3.6	3.8	3.2
2004	6.0	6.0	6.3	8.2	6.6
2005	7.3	9.6	9.0	7.1	8.2
2006	7.7	4.0	5.8	4.6	5.5
2007	7.1	9.9	9.2	13.2	9.8
2008	9.2	31.4	15.4	9.9	16.4
2009	13.3	-3.1	9.7	11.4	7.3
2010	12.7	9.6	12.2	13.5	12.0
2011	8.0	6.4	0.9	0.8	3.9
2012	-1.2	-1.9	-1.1	-1.6	-1.4
2013	1.2	2.3	5.6	5.7	3.7
2014	6.0	8.1	8.4	8.4	7.8
2015	6.2	3.8	2.2	2.3	3.6
2016	3.4	3.7	4.0	4.5	3.9
2017	4.8	4.6	4.4	3.7	4.4
2018	3.3	1.9	1.1	0.9	1.8
2019	2.9	4.4	5.3	5.6	4.6
2020	4.0	109.1	57.2	38.0	52.1
2021	109.4	-26.7	-12.0	-7.6	4.5
2022 1/	-41.0	-16.9	-8.7	Year-to-Date	-24.8

1/ 2022Q1 and 2022Q2 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 2022.

Table B-13. CONTRIBUTIONS FOR GOV'T SOCIAL INSURANCE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual Average
In Thousands of Dollars at Seasonally Adjusted Annual Rates					
1982	922,748	937,100	955,520	968,712	946,020
1983	1,025,936	1,031,372	1,028,836	1,058,992	1,036,284
1984	1,111,888	1,138,884	1,140,564	1,149,860	1,135,299
1985	1,195,192	1,222,168	1,252,520	1,278,936	1,237,204
1986	1,304,432	1,327,216	1,364,264	1,407,676	1,350,897
1987	1,424,200	1,457,280	1,492,896	1,531,676	1,476,513
1988	1,624,780	1,675,324	1,714,592	1,768,592	1,695,822
1989	1,790,136	1,851,220	1,916,136	1,990,364	1,886,964
1990	2,062,648	2,142,712	2,216,916	2,289,764	2,178,010
1991	2,298,772	2,322,048	2,358,692	2,400,388	2,344,975
1992	2,489,756	2,517,268	2,510,768	2,458,116	2,493,977
1993	2,608,860	2,564,336	2,520,296	2,478,372	2,542,966
1994	2,598,944	2,566,768	2,585,964	2,600,036	2,587,928
1995	2,577,620	2,598,960	2,579,268	2,586,728	2,585,644
1996	2,579,868	2,585,000	2,596,172	2,598,204	2,589,811
1997	2,617,872	2,621,904	2,648,708	2,631,768	2,630,063
1998	2,672,160	2,659,468	2,669,540	2,682,948	2,671,029
1999	2,691,276	2,708,496	2,775,940	2,783,596	2,739,827
2000	2,816,960	2,879,080	2,899,740	2,959,836	2,888,904
2001	3,015,884	3,026,508	3,085,368	3,063,484	3,047,811
2002	3,158,112	3,214,432	3,270,360	3,334,580	3,244,371
2003	3,420,576	3,484,748	3,514,212	3,545,660	3,491,299
2004	3,588,668	3,620,820	3,700,416	3,758,852	3,667,189
2005	3,825,804	3,899,684	3,957,740	4,054,252	3,934,370
2006	4,156,588	4,212,552	4,287,872	4,332,616	4,247,407
2007	4,397,268	4,407,296	4,463,016	4,502,324	4,442,476
2008	4,555,076	4,544,820	4,517,268	4,509,588	4,531,688
2009	4,439,980	4,490,648	4,463,856	4,509,484	4,475,992
2010	4,624,500	4,680,636	4,752,776	4,769,700	4,706,903
2011	4,458,392	4,447,296	4,496,136	4,506,156	4,476,995
2012	4,553,236	4,611,348	4,638,040	4,729,480	4,633,026
2013	5,375,296	5,423,084	5,420,188	5,431,340	5,412,477
2014	5,390,708	5,420,548	5,463,744	5,533,944	5,452,236
2015	5,635,504	5,690,412	5,713,460	5,757,576	5,699,238
2016	5,759,788	5,805,300	5,855,528	5,898,960	5,829,894
2017	6,002,480	6,037,692	6,117,828	6,136,568	6,073,642
2018	6,177,516	6,261,216	6,315,972	6,381,364	6,284,017
2019	6,436,988	6,477,608	6,569,556	6,672,396	6,539,137
2020	6,738,684	6,013,964	5,988,228	6,208,788	6,237,416
2021	6,240,328	6,554,828	6,857,948	6,842,744	6,623,962
2022 1/	6,916,719	7,019,944	7,156,794	Year-to-Date	7,031,152
Percentage Change from the Same Period in Previous Year					
1983	11.2	10.1	7.7	9.3	9.5
1984	8.4	10.4	10.9	8.6	9.6
1985	7.5	7.3	9.8	11.2	9.0
1986	9.1	8.6	8.9	10.1	9.2
1987	9.2	9.8	9.4	8.8	9.3
1988	14.1	15.0	14.9	15.5	14.9
1989	10.2	10.5	11.8	12.5	11.3
1990	15.2	15.7	15.7	15.0	15.4
1991	11.4	8.4	6.4	4.8	7.7
1992	8.3	8.4	6.4	2.4	6.4
1993	4.8	1.9	0.4	0.8	2.0
1994	-0.4	0.1	2.6	4.9	1.8
1995	-0.8	1.3	-0.3	-0.5	-0.1
1996	0.1	-0.5	0.7	0.4	0.2
1997	1.5	1.4	2.0	1.3	1.6
1998	2.1	1.4	0.8	1.9	1.6
1999	0.7	1.8	4.0	3.8	2.6
2000	4.7	6.3	4.5	6.3	5.4
2001	7.1	5.1	6.4	3.5	5.5
2002	4.7	6.2	6.0	8.8	6.4
2003	8.3	8.4	7.5	6.3	7.6
2004	4.9	3.9	5.3	6.0	5.0
2005	6.6	7.7	7.0	7.9	7.3
2006	8.6	8.0	8.3	6.9	8.0
2007	5.8	4.6	4.1	3.9	4.6
2008	3.6	3.1	1.2	0.2	2.0
2009	-2.5	-1.2	-1.2	0.0	-1.2
2010	4.2	4.2	6.5	5.8	5.2
2011	-3.6	-5.0	-5.4	-5.5	-4.9
2012	2.1	3.7	3.2	5.0	3.5
2013	18.1	17.6	16.9	14.8	16.8
2014	0.3	0.0	0.8	1.9	0.7
2015	4.5	5.0	4.6	4.0	4.5
2016	2.2	2.0	2.5	2.5	2.3
2017	4.2	4.0	4.5	4.0	4.2
2018	2.9	3.7	3.2	4.0	3.5
2019	4.2	3.5	4.0	4.6	4.1
2020	4.7	-7.2	-8.8	-6.9	-4.6
2021	-7.4	9.0	14.5	10.2	6.2
2022 1/	10.8	7.1	4.4	Year-to-Date	7.3

1/ 2022Q1 and 2022Q2 revised from previous QSER.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, December 23, 2022 <https://apps.bea.gov/itable/?ReqID=70&step=1> accessed December 23, 2022.

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	Transpor-tation	Medical Care	Recre-ation	Educ. & Comm.	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	(2/)	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	307.889	114.795	223.689	(2/)	130.977	143.547	504.378
2020	258.811	286.008	301.370	314.089	113.298	212.767	(2/)	135.660	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	102.1	103.5	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	266.236	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

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 January 12, 2023, and BLS Honolulu CPI News Releases and <http://www.bls.gov/ro9/cpihono.htm> accessed January 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	Transpor-tation	Medical Care	Recre-ation	Educ. & Comm.	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	(1/)	(1/)	9.5
1992	3.0	4.8	1.8	5.8	3.3	5.8	6.6	(1/)	(1/)	7.6
1993	3.0	3.2	3.0	3.0	2.0	2.1	8.1	(1/)	(1/)	5.9
1994	2.6	2.7	0.3	3.1	1.9	3.9	4.4	(1/)	(1/)	4.7
1995	2.8	2.2	2.2	1.8	-1.0	3.8	1.8	(1/)	(1/)	3.4
1996	3.0	1.5	0.0	1.2	0.9	2.8	2.5	(1/)	(1/)	4.5
1997	2.3	0.7	1.5	0.2	-1.0	-0.5	1.1	(1/)	(1/)	5.5
1998	1.6	-0.2	-0.1	-0.6	-4.3	-2.2	4.0	(1/)	(1/)	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	(1/)	(1/)	2.9
H2	3.1	0.9	-0.5	0.5	0.0	1.7	1.5	(1/)	(1/)	6.0
1997H1	2.6	0.9	1.6	0.3	-0.2	0.9	0.3	(1/)	(1/)	5.4
H2	2.1	0.5	1.7	0.1	-1.8	-1.8	1.9	(1/)	(1/)	5.6
1998H1	1.5	-0.1	0.4	-0.6	-2.8	-2.7	3.2	(1/)	(1/)	9.4
H2	1.6	-0.5	-0.5	-0.7	-5.9	-1.7	4.9	(1/)	(1/)	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

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.

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

C. TAX REVENUES

The State general fund tax revenues increased in the fourth quarter of 2022 compared to the same quarter of 2021.[1] Among the components shown, the Transient Accommodations Tax (TAT) increased the most in percentage terms, followed by the Net Corporate Income Tax and the GET. Net Individual Income Tax revenues decreased.

In the fourth quarter of 2022, total tax collections distributed to the State general fund totaled $2,024.1 million, an increase of $61.2 million or 3.1 percent over the same quarter of 2021 (Tables C-1 and C-2). In 2022, State general fund tax revenues increased $1,305.4 million or 16.0 percent over the previous year.

During the fourth quarter of 2022, GET revenues (excluding the Honolulu County Surcharge) totaled $1,044.4 million, an increase of $126.4 million or 13.8 percent over the same quarter of 2021 (Table C-3). In 2022, GET revenues increased $659.0 million or 18.3 percent from the previous year.

Compared to the fourth quarter of 2021, Net Individual Income Tax revenues decreased $101.3 million or 14.5 percent to $598.9 million in the fourth quarter of 2022 (Table C-4). In the fourth quarter of 2022, Declaration of Estimated Taxes decreased $10.4 million or 8.1 percent (Table C-5), Payments with Returns increased $23.1 million or 34.7 percent (Table C-6), Revenues from Withholding Tax on Wages increased $53.5 million or 9.1 percent (Table C-7), and Refunds increased $167.5 million or 204.2 percent (Table C-8). In 2022, Net Individual Income Tax collections increased 141.3 million or 4.2 percent from the previous year.

Net Corporate Income Tax revenues, which tend to be volatile by nature, increased from $55.7 million in the fourth quarter of 2021 to $67.0 million in the fourth quarter of 2022, an increase of $11.3 million (Table C-9). In the fourth quarter of 2022, the Declaration of Estimated Taxes decreased $2.2 million or 3.2 percent (Table C-10), the Payment with Returns decreased $1.2 million or 9.7 percent (Table C-11), and the Refunds decreased $14.6 million or 59.0 percent (Table C-12), compared with the same quarter of 2021. In 2022, Net Corporate Income Tax revenues increased $44.6 million or 18.9 percent from the previous year.

In the fourth quarter of 2022, Transient Accommodations Tax (TAT) revenues increased $50.2 million or 37.2 percent compared to the same quarter of 2021 (Table C-13). In 2022, TAT revenues increased $321.8 million or 37.2 percent from the previous year.

According to the most recent data available, in the third quarter of 2022, the Retailing tax base increased 12.5 percent or $1,328.6 million (Table C-14), the Services tax base increased 13.3 percent or $593.2 million (Table C-15), the Contracting tax base increased 8.0 percent or $206.0 million (Table C-16), and the Hotel Rentals tax base increased 23.2 percent or $409.3 million (Table C-17), compared to the same quarter of the previous year. For the first three quarters of 2022, the Retailing tax base increased 18.7 percent, the Services tax base increased 15.5 percent, the Contracting tax base increased 5.6 percent, and the Hotel Rentals tax base increased 73.8 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	951,405	22,239	2,555,912
1994		1,347,945	1,003,479	34,228	2,672,291
1995		1,386,684	918,811	37,336	2,614,713
1996		1,469,766	995,456	51,243	2,799,972
1997		1,433,012	985,000	55,594	2,756,621
1998		1,436,654	1,093,241	50,112	2,889,291
1999		1,454,778	1,053,858	47,692	2,841,290
2000		1,611,446	1,080,371	67,650	3,067,622
2001		1,660,764	1,100,317	48,269	3,172,250
2002		1,679,840	1,059,646	55,373	3,116,029
2003		1,820,498	1,071,356	5,189	3,211,431
2004		1,991,539	1,235,721	75,171	3,652,686
2005		2,263,393	1,447,744	132,589	4,252,231
2006		2,457,379	1,576,674	86,975	4,522,261
2007		2,623,514	1,579,138	80,014	4,683,086
2008		2,567,821	1,564,708	76,602	4,608,569
2009		2,296,288	1,267,602	36,683	4,018,215
2010		2,379,942	1,375,120	52,815	4,312,342
2011		2,588,488	1,460,621	19,548	4,662,521
2012		2,844,741	1,651,212	112,695	5,259,149
2013		2,907,622	1,745,615	135,338	5,451,640
2014		2,979,776	1,820,693	65,746	5,535,709
2015		3,141,489	2,054,098	76,462	5,998,615
2016		3,205,733	2,118,219	89,697	6,215,407
2017		3,349,822	2,263,183	64,901	6,484,975
2018		3,426,525	2,523,786	126,138	6,933,078
2019		3,602,222	2,683,592	137,143	7,316,550
2020		3,038,781	2,597,385	41,288	6,415,089
2021		3,604,330	3,355,884	236,276	8,137,947
2022		4,263,353	3,497,207	280,916	9,443,374
2002	1 Qtr.	395,795	266,388	18,655	761,922
	2 Qtr.	400,462	255,030	25,751	757,798
	3 Qtr.	473,241	266,331	4,267	820,290
	4 Qtr.	410,341	271,897	6,700	776,019
2003	1 Qtr.	455,018	254,081	-25,417	772,047
	2 Qtr.	454,098	245,799	22,712	813,686
	3 Qtr.	473,268	274,359	8,154	819,182
	4 Qtr.	438,113	297,117	-260	806,515
2004	1 Qtr.	506,097	261,760	12,022	874,018
	2 Qtr.	482,899	335,713	36,737	946,670
	3 Qtr.	519,129	325,902	15,156	946,218
	4 Qtr.	483,415	312,346	11,257	885,780
2005	1 Qtr.	579,475	338,591	12,413	1,054,797
	2 Qtr.	554,585	404,642	46,779	1,110,743
	3 Qtr.	579,607	361,900	67,092	1,099,688
	4 Qtr.	549,727	342,612	6,305	987,002
2006	1 Qtr.	638,194	355,719	1,330	1,106,472
	2 Qtr.	587,788	490,365	55,282	1,241,830
	3 Qtr.	605,813	361,508	22,781	1,076,795
	4 Qtr.	625,584	369,081	7,582	1,097,164
2007	1 Qtr.	662,362	341,183	9,136	1,116,467
	2 Qtr.	662,003	488,514	42,336	1,295,154
	3 Qtr.	646,384	379,033	27,297	1,146,614
	4 Qtr.	652,765	370,408	1,245	1,124,851
2008	1 Qtr.	678,489	336,354	14,593	1,138,545
	2 Qtr.	641,149	459,040	41,946	1,231,862
	3 Qtr.	655,075	382,982	17,117	1,161,528
	4 Qtr.	593,107	386,333	2,945	1,076,634
2009	1 Qtr.	589,891	265,502	9,201	954,075
	2 Qtr.	579,506	304,239	24,259	1,010,064
	3 Qtr.	577,836	357,169	12,451	1,051,792
	4 Qtr.	549,055	340,692	-9,229	1,002,283
2010	1 Qtr.	616,777	428,586	18,696	1,192,489
	2 Qtr.	572,766	401,662	37,267	1,117,994
	3 Qtr.	611,575	165,284	1,752	908,912
	4 Qtr.	578,824	379,587	-4,900	1,092,946
2011	1 Qtr.	652,857	289,893	-8,202	1,068,341
	2 Qtr.	652,551	412,388	45,923	1,259,112
	3 Qtr.	655,038	395,424	10,662	1,215,241
	4 Qtr.	628,042	362,916	-28,835	1,119,826
2012	1 Qtr.	711,092	276,663	33,542	1,186,786
	2 Qtr.	703,779	506,048	57,658	1,455,995
	3 Qtr.	738,753	435,471	21,335	1,346,738
	4 Qtr.	691,117	433,030	160	1,269,630
2013	1 Qtr.	757,923	351,323	14,909	1,282,926
	2 Qtr.	756,693	516,183	64,584	1,572,719
	3 Qtr.	698,689	454,022	39,471	1,311,027
	4 Qtr.	694,316	424,087	16,374	1,284,968
2014	1 Qtr.	746,724	346,914	-11,265	1,286,988
	2 Qtr.	740,811	520,787	42,441	1,487,285
	3 Qtr.	754,466	453,178	15,558	1,348,688
	4 Qtr.	737,774	499,814	19,012	1,412,748
2015	1 Qtr.	782,302	464,230	9,632	1,444,563
	2 Qtr.	773,665	570,972	8,118	1,529,142
	3 Qtr.	831,149	520,447	50,082	1,593,064
	4 Qtr.	754,374	498,450	8,630	1,431,846
2016	1 Qtr.	818,316	495,998	-17,278	1,504,155
	2 Qtr.	802,314	601,965	51,601	1,665,290
	3 Qtr.	801,115	509,507	18,476	1,545,715
	4 Qtr.	783,988	510,748	36,898	1,500,247
2017	1 Qtr.	831,893	556,351	-31,911	1,575,636
	2 Qtr.	822,229	616,196	53,298	1,693,618
	3 Qtr.	901,033	539,171	35,995	1,691,534
	4 Qtr.	794,667	551,465	7,520	1,524,187
2018	1 Qtr.	959,068	508,708	19,302	1,710,827
	2 Qtr.	740,798	858,475	40,839	1,869,488
	3 Qtr.	880,361	579,322	22,188	1,697,744
	4 Qtr.	846,297	577,281	43,810	1,655,019
2019	1 Qtr.	916,354	524,252	17,491	1,688,188
	2 Qtr.	898,376	887,762	80,188	2,100,839
	3 Qtr.	923,136	659,199	26,198	1,852,368
	4 Qtr.	864,355	612,379	13,267	1,675,155
2020	1 Qtr.	971,273	560,056	-24,900	1,791,047
	2 Qtr.	677,373	528,181	-6,157	1,376,238
	3 Qtr.	696,048	915,885	43,710	1,793,371
	4 Qtr.	694,087	593,262	28,637	1,454,433
2021	1 Qtr.	793,430	657,418	-1,423	1,592,332
	2 Qtr.	896,630	1,188,886	115,757	2,410,125
	3 Qtr.	996,301	809,379	66,202	2,172,633
	4 Qtr.	917,969	700,201	55,741	1,962,857
2022	1 Qtr.	1,016,322	814,226	19,221	2,217,471
	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 Qtr.	1,044,373	598,929	66,997	2,024,093

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	(3/)	1.3
	2 Qtr.	13.4	-3.6	-11.8	7.4
	3 Qtr.	0.0	3.0	91.1	-0.1
	4 Qtr.	6.8	9.3	(3/)	3.9
2004	1 Qtr.	11.2	3.0	(3/)	13.2
	2 Qtr.	6.3	36.6	61.7	16.3
	3 Qtr.	9.7	18.8	85.9	15.5
	4 Qtr.	10.3	5.1	(3/)	9.8
2005	1 Qtr.	14.5	29.4	3.2	20.7
	2 Qtr.	14.8	20.5	27.3	17.3
	3 Qtr.	11.6	11.0	342.7	16.2
	4 Qtr.	13.7	9.7	-44.0	11.4
2006	1 Qtr.	10.1	5.1	-89.3	4.9
	2 Qtr.	6.0	21.2	18.2	11.8
	3 Qtr.	4.5	-0.1	-66.0	-2.1
	4 Qtr.	13.8	7.7	20.2	11.2
2007	1 Qtr.	3.8	-4.1	586.7	0.9
	2 Qtr.	12.6	-0.4	-23.4	4.3
	3 Qtr.	6.7	4.8	19.8	6.5
	4 Qtr.	4.3	0.4	-83.6	2.5
2008	1 Qtr.	2.4	-1.4	59.7	2.0
	2 Qtr.	-3.2	-6.0	-0.9	-4.9
	3 Qtr.	1.3	1.0	-37.3	1.3
	4 Qtr.	-9.1	4.3	136.6	-4.3
2009	1 Qtr.	-13.1	-21.1	-36.9	-16.2
	2 Qtr.	-9.6	-33.7	-42.2	-18.0
	3 Qtr.	-11.8	-6.7	-27.3	-9.4
	4 Qtr.	-7.4	-11.8	(3/)	-6.9
2010	1 Qtr.	4.6	61.4	103.2	25.0
	2 Qtr.	-1.2	32.0	53.6	10.7
	3 Qtr.	5.8	-53.7	-85.9	-13.6
	4 Qtr.	5.4	11.4	(3/)	9.0
2011	1 Qtr.	5.8	-32.4	(3/)	-10.4
	2 Qtr.	13.9	2.7	23.2	12.6
	3 Qtr.	7.1	139.2	508.6	33.7
	4 Qtr.	8.5	-4.4	(3/)	2.5
2012	1 Qtr.	8.9	-4.6	(3/)	11.1
	2 Qtr.	7.9	22.7	25.6	15.6
	3 Qtr.	12.8	10.1	100.1	10.8
	4 Qtr.	10.0	19.3	(3/)	13.4
2013	1 Qtr.	6.6	27.0	-55.6	8.1
	2 Qtr.	7.5	2.0	12.0	8.0
	3 Qtr.	-5.4	4.3	85.0	-2.7
	4 Qtr.	0.5	-2.1	10,135.3	1.2
2014	1 Qtr.	-1.5	-1.3	(3/)	0.3
	2 Qtr.	-2.1	0.9	-34.3	-5.4
	3 Qtr.	8.0	-0.2	-60.6	2.9
	4 Qtr.	6.3	17.9	16.1	9.9
2015	1 Qtr.	4.8	33.8	(3/)	12.2
	2 Qtr.	4.4	9.6	-80.9	2.8
	3 Qtr.	10.2	14.8	221.9	18.1
	4 Qtr.	2.3	-0.3	-54.6	1.4
2016	1 Qtr.	4.6	6.8	(3/)	4.1
	2 Qtr.	3.7	5.4	535.7	8.9
	3 Qtr.	-3.6	-2.1	-63.1	-3.0
	4 Qtr.	3.9	2.5	327.5	4.8
2017	1 Qtr.	1.7	12.2	(3/)	4.8
	2 Qtr.	2.5	2.4	3.3	1.7
	3 Qtr.	12.5	5.8	94.8	9.4
	4 Qtr.	1.4	8.0	-79.6	1.6
2018	1 Qtr.	15.3	-8.6	(3/)	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	(3/)	6.1
	2 Qtr.	-24.6	-40.5	(3/)	-34.5
	3 Qtr.	-24.6	38.9	66.8	-3.2
	4 Qtr.	-19.7	-3.1	115.9	-13.2
2021	1 Qtr.	-18.3	17.4	(3/)	-11.1
	2 Qtr.	32.4	125.1	(3/)	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	(3/)	39.3
	2 Qtr.	20.4	20.9	-0.8	24.7
3/	3 Qtr.	12.8	-20.1	20.6	1.1
	4 Qtr.	13.8	-14.5	20.2	3.1

1/ Declaration of estimated taxes, plus payments with returns, plus withholding tax on wages, less refunds. Individual income tax rates changed effective January 1, 1999, 2001 and 2002.
2/ Declaration of estimated taxes, plus payments with returns, less refunds.
3/ Tax Revenues Distributed to State General Fund revised from previous QSER.
4/ Percentage changes involving negative values not meaningful.
Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

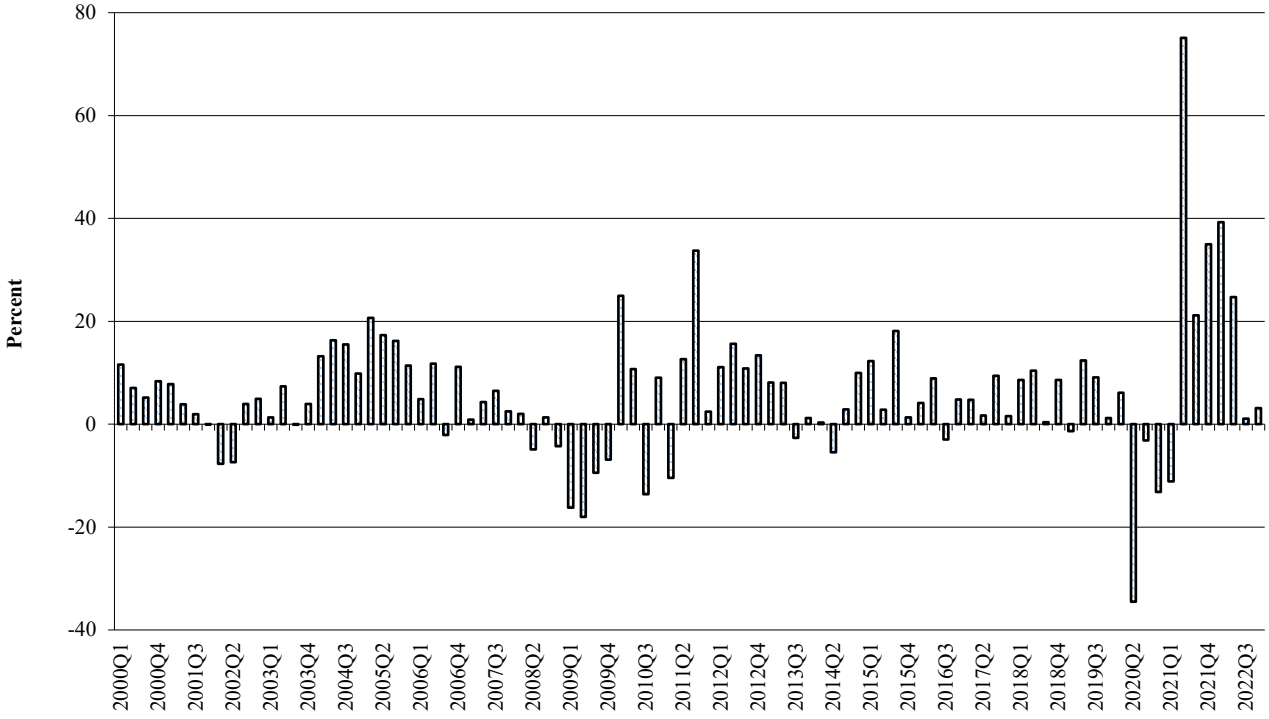
Table C-2. STATE GENERAL FUND TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	248,406	219,138	284,382	259,539	1,011,465
1983	267,915	270,679	295,506	275,775	1,109,876
1984	293,272	313,706	317,326	316,049	1,240,352
1985	315,085	344,413	344,675	321,618	1,325,791
1986	347,122	393,178	377,598	368,586	1,486,484
1987	400,595	461,147	430,015	438,903	1,730,661
1988	466,092	514,559	483,626	484,896	1,949,173
1989	554,241	593,091	441,009	401,572	1,989,914
1990	595,970	530,495	531,249	589,038	2,246,752
1991	654,222	600,830	557,568	584,670	2,397,289
1992	629,722	638,901	640,253	614,794	2,523,670
1993	646,216	617,400	674,236	618,060	2,555,912
1994	681,253	647,987	703,935	639,117	2,672,291
1995	671,365	577,803	705,999	659,548	2,614,713
1996	725,284	667,712	738,963	668,014	2,799,972
1997	688,683	676,222	704,749	686,967	2,756,621
1998	714,466	743,003	738,957	692,866	2,889,291
1999	686,437	735,905	735,969	682,978	2,841,290
2000	765,790	787,612	774,265	739,955	3,067,622
2001	825,236	818,204	789,090	739,719	3,172,250
2002	761,922	757,798	820,290	776,019	3,116,029
2003	772,047	813,686	819,182	806,515	3,211,431
2004	874,018	946,670	946,218	885,780	3,652,686
2005	1,054,797	1,110,743	1,099,688	987,002	4,252,231
2006	1,106,472	1,241,830	1,076,795	1,097,164	4,522,261
2007	1,116,467	1,295,154	1,146,614	1,124,851	4,683,086
2008	1,138,545	1,231,862	1,161,528	1,076,634	4,608,569
2009	954,075	1,010,064	1,051,792	1,002,283	4,018,215
2010	1,192,489	1,117,994	908,912	1,092,946	4,312,342
2011	1,068,341	1,259,112	1,215,241	1,119,826	4,662,521
2012	1,186,786	1,455,995	1,346,738	1,269,630	5,259,149
2013	1,282,926	1,572,719	1,311,027	1,284,968	5,451,640
2014	1,286,988	1,487,285	1,348,688	1,412,748	5,535,709
2015	1,444,563	1,529,142	1,593,064	1,431,846	5,998,615
2016	1,504,155	1,665,290	1,545,715	1,500,247	6,215,407
2017	1,575,636	1,693,618	1,691,534	1,524,187	6,484,975
2018	1,710,827	1,869,488	1,697,744	1,655,019	6,933,078
2019	1,688,188	2,100,839	1,852,368	1,675,155	7,316,550
2020	1,791,047	1,376,238	1,793,371	1,454,433	6,415,089
2021	1,592,332	2,410,125	2,172,633	1,962,857	8,137,947
2022 1/	2,217,471	3,005,887	2,195,923	2,024,093	9,443,374
Percentage Change from the Same Period in Previous Year					
1983	7.9	23.5	3.9	6.3	9.7
1984	9.5	15.9	7.4	14.6	11.8
1985	7.4	9.8	8.6	1.8	6.9
1986	10.2	14.2	9.6	14.6	12.1
1987	15.4	17.3	13.9	19.1	16.4
1988	16.4	11.6	12.5	10.5	12.6
1989	18.9	15.3	-8.8	-17.2	2.1
1990	7.5	-10.6	20.5	46.7	12.9
1991	9.8	13.3	5.0	-0.7	6.7
1992	-3.7	6.3	14.8	5.2	5.3
1993	2.6	-3.4	5.3	0.5	1.3
1994	5.4	5.0	4.4	3.4	4.6
1995	-1.5	-10.8	0.3	3.2	-2.2
1996	8.0	15.6	4.7	1.3	7.1
1997	-5.0	1.3	-4.6	2.8	-1.5
1998	3.7	9.9	4.9	0.9	4.8
1999	-3.9	-1.0	-0.4	-1.4	-1.7
2000	11.6	7.0	5.2	8.3	8.0
2001	7.8	3.9	1.9	0.0	3.4
2002	-7.7	-7.4	4.0	4.9	-1.8
2003	1.3	7.4	-0.1	3.9	3.1
2004	13.2	16.3	15.5	9.8	13.7
2005	20.7	17.3	16.2	11.4	16.4
2006	4.9	11.8	-2.1	11.2	6.4
2007	0.9	4.3	6.5	2.5	3.6
2008	2.0	-4.9	1.3	-4.3	-1.6
2009	-16.2	-18.0	-9.4	-6.9	-12.8
2010	25.0	10.7	-13.6	9.0	7.3
2011	-10.4	12.6	33.7	2.5	8.1
2012	11.1	15.6	10.8	13.4	12.8
2013	8.1	8.0	-2.7	1.2	3.7
2014	0.3	-5.4	2.9	9.9	1.5
2015	12.2	2.8	18.1	1.4	8.4
2016	4.1	8.9	-3.0	4.8	3.6
2017	4.8	1.7	9.4	1.6	4.3
2018	8.6	10.4	0.4	8.6	6.9
2019	-1.3	12.4	9.1	1.2	5.5
2020	6.1	-34.5	-3.2	-13.2	-12.3
2021	-11.1	75.1	21.1	35.0	26.9
2022 1/	39.3	24.7	1.1	3.1	16.0

1/ Q3 revised from previous *QSER*.

Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Figure 3. Annual Growth in General Fund Revenue
[percentage change from same period in previous year]



Source: Table C-2. State General Tax Revenues.

Table C-3. GENERAL EXCISE & USE TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	141,147	147,532	151,149	134,763	574,591
1983	155,780	159,436	151,498	148,822	615,536
1984	165,120	173,806	165,634	165,245	669,805
1985	174,055	178,697	176,769	177,860	707,381
1986	192,020	200,047	198,275	187,620	777,961
1987	216,698	214,933	219,312	218,096	869,039
1988	240,506	241,951	241,340	242,153	965,952
1989	270,801	270,683	272,645	282,347	1,096,476
1990	313,129	308,567	314,328	314,180	1,250,204
1991	345,988	304,240	335,721	301,869	1,287,818
1992	338,289	318,844	325,339	317,342	1,299,814
1993	332,689	327,549	332,661	315,898	1,308,797
1994	353,369	330,321	345,772	318,484	1,347,945
1995	363,101	335,906	348,033	339,643	1,386,684
1996	386,709	357,416	379,032	346,610	1,469,766
1997	365,069	366,563	356,533	344,846	1,433,012
1998	375,018	348,955	360,313	352,368	1,436,654
1999	369,292	365,306	372,436	347,745	1,454,778
2000	422,221	393,873	400,698	394,653	1,611,446
2001	436,888	407,800	406,544	409,532	1,660,764
2002	395,795	400,462	473,241	410,341	1,679,840
2003	455,018	454,098	473,268	438,113	1,820,498
2004	506,097	482,899	519,129	483,415	1,991,539
2005	579,475	554,585	579,607	549,727	2,263,393
2006	638,194	587,788	605,813	625,584	2,457,379
2007	662,362	662,003	646,384	652,765	2,623,514
2008	678,489	641,149	655,075	593,107	2,567,821
2009	589,891	579,506	577,836	549,055	2,296,288
2010	616,777	572,766	611,575	578,824	2,379,942
2011	652,857	652,551	655,038	628,042	2,588,488
2012	711,092	703,779	738,753	691,117	2,844,741
2013	757,923	756,693	698,689	694,316	2,907,622
2014	746,724	740,811	754,466	737,774	2,979,776
2015	782,302	773,665	831,149	754,374	3,141,489
2016	818,316	802,314	801,115	783,988	3,205,733
2017	831,893	822,229	901,033	794,667	3,349,822
2018	959,068	740,798	880,361	846,297	3,426,525
2019	916,354	898,376	923,136	864,355	3,602,222
2020	971,273	677,373	696,048	694,087	3,038,781
2021	793,430	896,630	996,301	917,969	3,604,330
2022	1,016,322	1,079,317	1,123,341	1,044,373	4,263,353
Percentage Change from the Same Period in Previous Year					
1983	10.4	8.1	0.2	10.4	7.1
1984	6.0	9.0	9.3	11.0	8.8
1985	5.4	2.8	6.7	7.6	5.6
1986	10.3	11.9	12.2	5.5	10.0
1987	12.9	7.4	10.6	16.2	11.7
1988	11.0	12.6	10.0	11.0	11.2
1989	12.6	11.9	13.0	16.6	13.5
1990	15.6	14.0	15.3	11.3	14.0
1991	10.5	-1.4	6.8	-3.9	3.0
1992	-2.2	4.8	-3.1	5.1	0.9
1993	-1.7	2.7	2.3	-0.5	0.7
1994	6.2	0.8	3.9	0.8	3.0
1995	2.8	1.7	0.7	6.6	2.9
1996	6.5	6.4	8.9	2.1	6.0
1997	-5.6	2.6	-5.9	-0.5	-2.5
1998	2.7	-4.8	1.1	2.2	0.3
1999	-1.5	4.7	3.4	-1.3	1.3
2000	14.3	7.8	7.6	13.5	10.8
2001	3.5	3.5	1.5	3.8	3.1
2002	-9.4	-1.8	16.4	0.2	1.1
2003	15.0	13.4	0.0	6.8	8.4
2004	11.2	6.3	9.7	10.3	9.4
2005	14.5	14.8	11.6	13.7	13.7
2006	10.1	6.0	4.5	13.8	8.6
2007	3.8	12.6	6.7	4.3	6.8
2008	2.4	-3.2	1.3	-9.1	-2.1
2009	-13.1	-9.6	-11.8	-7.4	-10.6
2010	4.6	-1.2	5.8	5.4	3.6
2011	5.8	13.9	7.1	8.5	8.8
2012	8.9	7.9	12.8	10.0	9.9
2013	6.6	7.5	-5.4	0.5	2.2
2014	-1.5	-2.1	8.0	6.3	2.5
2015	4.8	4.4	10.2	2.3	5.4
2016	4.6	3.7	-3.6	3.9	2.0
2017	1.7	2.5	12.5	1.4	4.5
2018	15.3	-9.9	-2.3	6.5	2.3
2019	-4.5	21.3	4.9	2.1	5.1
2020	6.0	-24.6	-24.6	-19.7	-15.6
2021	-18.3	32.4	43.1	32.3	18.6
2022	28.1	20.4	12.8	13.8	18.3

Manufactured goods shipped out of state have been exempted from the general excise tax by Act 239, SLH 1987, effective January 1, 1988.

Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-4. NET INDIVIDUAL INCOME TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	85,998	12,566	98,191	102,059	298,814
1983	94,527	54,183	107,922	102,844	359,476
1984	112,154	81,345	111,966	108,421	413,885
1985	108,567	100,301	125,692	115,999	450,559
1986	125,668	99,847	129,120	135,552	490,187
1987	134,393	143,625	138,773	157,936	574,727
1988	159,295	170,005	168,975	182,516	680,790
1989	205,046	211,019	176,720	209,181	801,966
1990	201,606	107,591	215,990	217,927	743,114
1991	252,599	186,218	240,436	221,709	900,962
1992	228,846	215,991	244,012	233,357	922,206
1993	233,868	211,674	262,953	242,909	951,405
1994	236,377	220,304	281,470	265,328	1,003,479
1995	224,594	154,311	277,058	262,848	918,811
1996	242,252	217,770	276,896	258,539	995,456
1997	227,409	213,468	269,597	274,526	985,000
1998	247,815	291,713	283,430	270,283	1,093,241
1999	238,606	276,392	277,965	260,895	1,053,858
2000	247,129	278,567	285,983	268,692	1,080,371
2001	265,834	284,310	289,424	260,749	1,100,317
2002	266,388	255,030	266,331	271,897	1,059,646
2003	254,081	245,799	274,359	297,117	1,071,356
2004	261,760	335,713	325,902	312,346	1,235,721
2005	338,591	404,642	361,900	342,612	1,447,744
2006	355,719	490,365	361,508	369,081	1,576,674
2007	341,183	488,514	379,033	370,408	1,579,138
2008	336,354	459,040	382,982	386,333	1,564,708
2009	265,502	304,239	357,169	340,692	1,267,602
2010	428,586	401,662	165,284	379,587	1,375,120
2011	289,893	412,388	395,424	362,916	1,460,621
2012	276,663	506,048	435,471	433,030	1,651,212
2013	351,323	516,183	454,022	424,087	1,745,615
2014	346,914	520,787	453,178	499,814	1,820,693
2015	464,230	570,972	520,447	498,450	2,054,098
2016	495,998	601,965	509,507	510,748	2,118,219
2017	556,351	616,196	539,171	551,465	2,263,183
2018	508,708	858,475	579,322	577,281	2,523,786
2019	524,252	887,762	659,199	612,379	2,683,592
2020	560,056	528,181	915,885	593,262	2,597,385
2021	657,418	1,188,886	809,379	700,201	3,355,884
2022	814,226	1,437,463	646,588	598,929	3,497,207
Percentage Change from the Same Period in Previous Year					
1983	9.9	331.2	9.9	0.8	20.3
1984	18.6	50.1	3.7	5.4	15.1
1985	-3.2	23.3	12.3	7.0	8.9
1986	15.8	-0.5	2.7	16.9	8.8
1987	6.9	43.8	7.5	16.5	17.2
1988	18.5	18.4	21.8	15.6	18.5
1989	28.7	24.1	4.6	14.6	17.8
1990	-1.7	-49.0	22.2	4.2	-7.3
1991	25.3	73.1	11.3	1.7	21.2
1992	-9.4	16.0	1.5	5.3	2.4
1993	2.2	-2.0	7.8	4.1	3.2
1994	1.1	4.1	7.0	9.2	5.5
1995	-5.0	-30.0	-1.6	-0.9	-8.4
1996	7.9	41.1	-0.1	-1.6	8.3
1997	-6.1	-2.0	-2.6	6.2	-1.1
1998	9.0	36.7	5.1	-1.5	11.0
1999	-3.7	-5.3	-1.9	-3.5	-3.6
2000	3.6	0.8	2.9	3.0	2.5
2001	7.6	2.1	1.2	-3.0	1.8
2002	0.2	-10.3	-8.0	4.3	-3.7
2003	-4.6	-3.6	3.0	9.3	1.1
2004	3.0	36.6	18.8	5.1	15.3
2005	29.4	20.5	11.0	9.7	17.2
2006	5.1	21.2	-0.1	7.7	8.9
2007	-4.1	-0.4	4.8	0.4	0.2
2008	-1.4	-6.0	1.0	4.3	-0.9
2009	-21.1	-33.7	-6.7	-11.8	-19.0
2010	61.4	32.0	-53.7	11.4	8.5
2011	-32.4	2.7	139.2	-4.4	6.2
2012	-4.6	22.7	10.1	19.3	13.0
2013	27.0	2.0	4.3	-2.1	5.7
2014	-1.3	0.9	-0.2	17.9	4.3
2015	33.8	9.6	14.8	-0.3	12.8
2016	6.8	5.4	-2.1	2.5	3.1
2017	12.2	2.4	5.8	8.0	6.8
2018	-8.6	39.3	7.4	4.7	11.5
2019	3.1	3.4	13.8	6.1	6.3
2020	6.8	-40.5	38.9	-3.1	-3.2
2021	17.4	125.1	-11.6	18.0	29.2
2022	23.9	20.9	-20.1	-14.5	4.2

Net Individual Income tax includes declaration of estimated taxes plus payments with returns plus withholding tax on wages less refunds.

Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-5. DECLARATION OF ESTIMATED TAXES - INDIVIDUAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	10,662	15,533	8,515	4,669	39,379
1983	10,618	16,827	8,374	5,895	41,713
1984	11,135	19,527	9,844	6,048	46,555
1985	13,054	24,046	11,262	4,606	52,969
1986	18,072	24,902	10,270	11,276	64,520
1987	24,231	36,322	11,000	17,991	89,544
1988	32,825	46,532	19,783	20,040	119,180
1989	54,823	60,432	22,282	24,566	162,104
1990	54,441	54,768	31,377	29,780	170,366
1991	83,829	72,867	36,623	22,118	215,437
1992	49,738	68,535	31,351	17,657	167,281
1993	48,738	59,889	40,904	17,164	166,694
1994	46,629	60,087	31,385	16,766	154,867
1995	34,625	56,884	28,113	16,929	136,552
1996	35,618	63,964	30,363	21,420	151,365
1997	39,376	69,322	32,743	24,806	166,247
1998	41,013	83,620	40,061	29,539	194,233
1999	40,633	88,883	42,225	25,301	197,042
2000	58,812	90,171	42,780	26,298	218,061
2001	55,467	97,989	41,145	25,355	219,957
2002	57,223	75,652	37,421	25,121	195,417
2003	46,307	64,396	30,037	34,607	175,347
2004	57,186	114,939	56,255	36,491	264,871
2005	84,512	155,550	75,850	41,219	357,131
2006	96,491	213,304	66,214	50,670	426,679
2007	97,956	213,915	70,039	58,609	440,518
2008	101,818	199,732	63,003	32,882	397,434
2009	60,701	105,954	46,047	22,807	235,509
2010	60,678	127,797	25,123	36,794	250,392
2011	80,939	158,621	53,153	29,689	322,401
2012	69,104	212,524	69,243	44,505	395,376
2013	93,034	260,153	94,414	34,665	482,267
2014	101,955	214,397	68,310	64,723	449,385
2015	116,530	248,855	119,875	69,928	555,188
2016	124,311	244,555	85,733	75,286	529,884
2017	177,743	213,475	149,959	87,910	629,088
2018	185,385	276,762	114,327	72,152	648,627
2019	140,390	397,455	170,817	67,179	775,842
2020	200,257	146,286	361,432	89,712	797,685
2021	214,006	593,624	256,616	128,131	1,192,377
2022	300,917	778,203	235,841	117,780	1,432,741
Percentage Change from the Same Period in Previous Year					
1983	-0.4	8.3	-1.7	26.3	5.9
1984	4.9	16.0	17.6	2.6	11.6
1985	17.2	23.1	14.4	-23.8	13.8
1986	38.4	3.6	-8.8	144.8	21.8
1987	34.1	45.9	7.1	59.6	38.8
1988	35.5	28.1	79.8	11.4	33.1
1989	67.0	29.9	12.6	22.6	36.0
1990	-0.7	-9.4	40.8	21.2	5.1
1991	54.0	33.0	16.7	-25.7	26.5
1992	-40.7	-5.9	-14.4	-20.2	-22.4
1993	-2.0	-12.6	30.5	-2.8	-0.4
1994	-4.3	0.3	-23.3	-2.3	-7.1
1995	-25.7	-5.3	-10.4	1.0	-11.8
1996	2.9	12.4	8.0	26.5	10.8
1997	10.6	8.4	7.8	15.8	9.8
1998	4.2	20.6	22.3	19.1	16.8
1999	-0.9	6.3	5.4	-14.3	1.4
2000	44.7	1.4	1.3	3.9	10.7
2001	-5.7	8.7	-3.8	-3.6	0.9
2002	3.2	-22.8	-9.1	-0.9	-11.2
2003	-19.1	-14.9	-19.7	37.8	-10.3
2004	23.5	78.5	87.3	5.4	51.1
2005	47.8	35.3	34.8	13.0	34.8
2006	14.2	37.1	-12.7	22.9	19.5
2007	1.5	0.3	5.8	15.7	3.2
2008	3.9	-6.6	-10.0	-43.9	-9.8
2009	-40.4	-47.0	-26.9	-30.6	-40.7
2010	0.0	20.6	-45.4	61.3	6.3
2011	33.4	24.1	111.6	-19.3	28.8
2012	-14.6	34.0	30.3	49.9	22.6
2013	34.6	22.4	36.4	-22.1	22.0
2014	9.6	-17.6	-27.6	86.7	-6.8
2015	14.3	16.1	75.5	8.0	23.5
2016	6.7	-1.7	-28.5	7.7	-4.6
2017	43.0	-12.7	74.9	16.8	18.7
2018	4.3	29.6	-23.8	-17.9	3.1
2019	-24.3	43.6	49.4	-6.9	19.6
2020	42.6	-63.2	111.6	33.5	2.8
2021	6.9	305.8	-29.0	42.8	49.5
2022	40.6	31.1	-8.1	-8.1	20.2

Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-6. PAYMENT WITH RETURNS - INDIVIDUAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	3,124	20,064	1,572	1,224	25,984
1983	4,293	19,810	2,317	2,493	28,914
1984	4,545	24,776	2,671	2,792	34,784
1985	4,804	30,817	3,397	1,791	40,810
1986	3,381	32,043	4,365	3,256	43,046
1987	5,798	40,987	5,304	4,677	56,766
1988	7,483	47,588	7,327	5,765	68,163
1989	6,877	59,173	7,112	7,410	80,572
1990	6,756	50,732	8,199	7,647	73,334
1991	5,705	66,503	9,113	7,424	88,744
1992	9,151	58,339	7,405	7,033	81,928
1993	7,809	52,486	8,956	6,861	76,112
1994	9,388	44,085	7,194	7,849	68,517
1995	9,613	35,705	6,645	7,610	59,573
1996	8,725	43,125	7,072	7,452	66,374
1997	8,594	47,163	7,039	10,585	73,381
1998	10,673	65,897	9,645	7,731	93,947
1999	12,575	65,967	8,615	8,158	95,315
2000	10,645	64,651	9,596	8,747	93,639
2001	11,075	75,310	8,373	8,961	103,719
2002	16,571	77,080	8,196	7,867	109,713
2003	4,045	44,089	-21	13,231	61,343
2004	14,706	92,622	13,991	15,122	136,441
2005	17,867	105,939	20,867	22,669	167,342
2006	26,978	140,115	18,372	31,454	216,919
2007	66,773	113,364	15,933	17,124	213,194
2008	13,686	132,466	15,626	23,925	185,703
2009	16,097	79,707	29,250	40,052	165,106
2010	18,044	70,480	14,268	24,929	127,720
2011	17,711	80,847	10,306	19,069	127,932
2012	15,714	84,582	13,088	21,552	134,935
2013	12,448	102,190	13,723	28,018	156,379
2014	15,988	95,920	16,883	25,735	154,526
2015	19,877	118,647	18,206	32,414	189,143
2016	22,260	126,147	20,514	33,810	202,731
2017	25,329	112,245	18,999	36,017	192,590
2018	29,022	135,950	23,751	33,767	222,490
2019	38,831	165,974	24,815	50,039	279,659
2020	41,907	72,019	136,353	49,116	299,395
2021	61,324	244,434	52,915	66,438	425,111
2022	90,353	305,249	50,531	89,512	535,645
Percentage Change from the Same Period in Previous Year					
1983	37.4	-1.3	47.4	103.7	11.3
1984	5.8	25.1	15.3	12.0	20.3
1985	5.7	24.4	27.2	-35.8	17.3
1986	-29.6	4.0	28.5	81.8	5.5
1987	71.5	27.9	21.5	43.6	31.9
1988	29.1	16.1	38.1	23.3	20.1
1989	-8.1	24.3	-2.9	28.5	18.2
1990	-1.8	-14.3	15.3	3.2	-9.0
1991	-15.5	31.1	11.1	-2.9	21.0
1992	60.4	-12.3	-18.7	-5.3	-7.7
1993	-14.7	-10.0	20.9	-2.4	-7.1
1994	20.2	-16.0	-19.7	14.4	-10.0
1995	2.4	-19.0	-7.6	-3.1	-13.1
1996	-9.2	20.8	6.4	-2.1	11.4
1997	-1.5	9.4	-0.5	42.0	10.6
1998	24.2	39.7	37.0	-27.0	28.0
1999	17.8	0.1	-10.7	5.5	1.5
2000	-15.4	-2.0	11.4	7.2	-1.8
2001	4.0	16.5	-12.7	2.4	10.8
2002	49.6	2.3	-2.1	-12.2	5.8
2003	-75.6	-42.8	(1/)	68.2	-44.1
2004	263.6	110.1	(1/)	14.3	122.4
2005	21.5	14.4	49.1	49.9	22.6
2006	51.0	32.3	-12.0	38.8	29.6
2007	147.5	-19.1	-13.3	-45.6	-1.7
2008	-79.5	16.8	-1.9	39.7	-12.9
2009	17.6	-39.8	87.2	67.4	-11.1
2010	12.1	-11.6	-51.2	-37.8	-22.6
2011	-1.8	14.7	-27.8	-23.5	0.2
2012	-11.3	4.6	27.0	13.0	5.5
2013	-20.8	20.8	4.9	30.0	15.9
2014	28.4	-6.1	23.0	-8.1	-1.2
2015	24.3	23.7	7.8	26.0	22.4
2016	12.0	6.3	12.7	4.3	7.2
2017	13.8	-11.0	-7.4	6.5	-5.0
2018	14.6	21.1	25.0	-6.2	15.5
2019	33.8	22.1	4.5	48.2	25.7
2020	7.9	-56.6	449.5	-1.8	7.1
2021	46.3	239.4	-61.2	35.3	42.0
2022	47.3	24.9	-4.5	34.7	26.0

1/ Percentage change involving negative values not meaningful.
Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-7. WITHHOLDING TAX ON WAGES - INDIVIDUAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	94,279	82,909	97,494	97,677	372,359
1983	103,313	97,717	105,636	96,360	403,025
1984	112,647	104,792	111,812	102,881	432,132
1985	114,606	111,848	118,662	113,646	458,763
1986	121,509	118,875	126,057	126,628	493,069
1987	134,033	133,524	135,160	140,521	543,239
1988	155,432	151,872	154,805	163,618	625,727
1989	180,767	174,513	174,237	187,230	716,747
1990	197,928	191,244	198,960	195,611	783,743
1991	227,136	205,838	221,287	215,702	869,962
1992	238,334	220,440	226,698	223,665	909,136
1993	255,001	230,927	233,087	230,764	949,779
1994	267,685	250,469	261,194	253,143	1,032,491
1995	277,740	254,134	266,301	253,661	1,051,836
1996	275,532	263,054	261,439	245,463	1,045,488
1997	260,823	244,151	247,865	253,504	1,006,343
1998	266,564	259,812	249,448	251,042	1,026,866
1999	257,327	234,529	242,458	242,843	977,157
2000	256,249	250,020	252,605	252,899	1,011,772
2001	269,733	247,723	259,321	248,574	1,025,350
2002	263,733	255,403	251,737	253,623	1,024,498
2003	280,874	259,948	266,017	266,842	1,073,681
2004	291,814	276,370	283,007	291,825	1,143,016
2005	349,489	285,420	302,274	311,439	1,248,622
2006	315,340	300,964	318,924	328,862	1,264,090
2007	302,253	329,610	330,102	350,484	1,312,449
2008	365,291	324,976	342,584	366,702	1,399,554
2009	346,959	342,393	330,818	327,396	1,347,566
2010	360,742	336,081	341,635	351,301	1,389,759
2011	363,193	362,028	359,267	364,262	1,448,750
2012	375,629	360,611	376,985	395,651	1,508,876
2013	402,762	386,928	388,840	404,942	1,583,472
2014	425,352	405,860	412,937	439,693	1,683,842
2015	435,563	440,317	438,402	442,605	1,756,888
2016	469,338	459,509	464,235	461,271	1,854,354
2017	525,779	465,064	459,901	497,558	1,948,302
2018	464,653	637,964	507,467	522,791	2,132,875
2019	547,265	524,730	528,430	552,222	2,152,647
2020	571,532	479,059	522,049	524,125	2,096,764
2021	562,169	552,761	576,756	587,630	2,279,315
2022	632,681	593,709	615,196	641,098	2,482,684
Percentage Change from the Same Period in Previous Year					
1983	9.6	17.9	8.4	-1.3	8.2
1984	9.0	7.2	5.8	6.8	7.2
1985	1.7	6.7	6.1	10.5	6.2
1986	6.0	6.3	6.2	11.4	7.5
1987	10.3	12.3	7.2	11.0	10.2
1988	16.0	13.7	14.5	16.4	15.2
1989	16.3	14.9	12.6	14.4	14.5
1990	9.5	9.6	14.2	4.5	9.3
1991	14.8	7.6	11.2	10.3	11.0
1992	4.9	7.1	2.4	3.7	4.5
1993	7.0	4.8	2.8	3.2	4.5
1994	5.0	8.5	12.1	9.7	8.7
1995	3.8	1.5	2.0	0.2	1.9
1996	-0.8	3.5	-1.8	-3.2	-0.6
1997	-5.3	-7.2	-5.2	3.3	-3.7
1998	2.2	6.4	0.6	-1.0	2.0
1999	-3.5	-9.7	-2.8	-3.3	-4.8
2000	-0.4	6.6	4.2	4.1	3.5
2001	5.3	-0.9	2.7	-1.7	1.3
2002	-2.2	3.1	-2.9	2.0	-0.1
2003	6.5	1.8	5.7	5.2	4.8
2004	3.9	6.3	6.4	9.4	6.5
2005	19.8	3.3	6.8	6.7	9.2
2006	-9.8	5.4	5.5	5.6	1.2
2007	-4.2	9.5	3.5	6.6	3.8
2008	20.9	-1.4	3.8	4.6	6.6
2009	-5.0	5.4	-3.4	-10.7	-3.7
2010	4.0	-1.8	3.3	7.3	3.1
2011	0.7	7.7	5.2	3.7	4.2
2012	3.4	-0.4	4.9	8.6	4.2
2013	7.2	7.3	3.1	2.3	4.9
2014	5.6	4.9	6.2	8.6	6.3
2015	2.4	8.5	6.2	0.7	4.3
2016	7.8	4.4	5.9	4.2	5.5
2017	12.0	1.2	-0.9	7.9	5.1
2018	-11.6	37.2	10.3	5.1	9.5
2019	17.8	-17.7	4.1	5.6	0.9
2020	4.4	-8.7	-1.2	-5.1	-2.6
2021	-1.6	15.4	10.5	12.1	8.7
2022	12.5	7.4	6.7	9.1	8.9

Net Individual Income tax includes declaration of estimated taxes plus payments with returns plus withholding tax on wages less refunds.

Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-8. REFUNDS - INDIVIDUAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	22,394	105,940	9,390	3,240	140,964
1983	23,912	80,171	8,405	3,092	115,580
1984	16,173	67,750	12,361	3,300	99,585
1985	23,898	66,411	7,630	4,045	101,983
1986	17,294	75,973	11,572	5,608	110,447
1987	29,669	67,208	12,692	5,253	114,821
1988	36,446	75,988	12,940	6,907	132,281
1989	37,421	83,099	26,911	10,025	157,456
1990	57,520	189,153	22,546	15,110	284,329
1991	64,072	158,990	26,586	23,534	273,182
1992	68,377	131,323	21,442	14,998	236,140
1993	77,680	131,627	19,994	11,879	241,180
1994	87,326	134,337	18,303	12,430	252,396
1995	97,385	192,411	24,001	15,352	329,150
1996	77,623	152,372	21,979	15,796	267,771
1997	81,384	147,168	18,050	14,370	260,971
1998	70,436	117,616	15,724	18,029	221,805
1999	71,929	112,987	15,334	15,407	215,656
2000	78,576	126,275	18,999	19,252	243,101
2001	70,442	136,711	19,415	22,141	248,709
2002	71,139	153,105	31,023	14,715	269,982
2003	77,145	122,634	21,674	17,563	239,016
2004	101,946	148,218	27,351	31,092	308,607
2005	113,276	142,267	37,092	32,715	325,350
2006	83,091	164,018	42,001	41,905	331,015
2007	125,799	168,375	37,040	55,809	387,024
2008	144,441	198,134	38,231	37,176	417,982
2009	158,255	223,816	48,946	49,563	480,579
2010	10,878	132,696	215,741	33,437	392,751
2011	171,949	189,107	27,302	50,104	438,463
2012	183,785	151,668	23,845	28,678	387,976
2013	156,920	233,088	42,956	43,538	476,503
2014	196,381	195,390	44,952	30,337	467,060
2015	107,740	236,847	56,037	46,497	447,121
2016	119,911	228,246	60,975	59,619	468,750
2017	172,500	174,588	89,689	70,020	506,797
2018	170,352	192,201	66,224	51,429	480,205
2019	202,234	200,398	64,863	57,061	524,556
2020	253,639	169,182	103,948	69,690	596,460
2021	180,081	201,932	76,909	81,998	540,920
2022	209,724	239,698	254,980	249,462	953,864
Percentage Change from the Same Period in Previous Year					
1983	6.8	-24.3	-10.5	-4.6	-18.0
1984	-32.4	-15.5	47.1	6.7	-13.8
1985	47.8	-2.0	-38.3	22.6	2.4
1986	-27.6	14.4	51.7	38.6	8.3
1987	71.6	-11.5	9.7	-6.3	4.0
1988	22.8	13.1	2.0	31.5	15.2
1989	2.7	9.4	108.0	45.1	19.0
1990	53.7	127.6	-16.2	50.7	80.6
1991	11.4	-15.9	17.9	55.7	-3.9
1992	6.7	-17.4	-19.3	-36.3	-13.6
1993	13.6	0.2	-6.8	-20.8	2.1
1994	12.4	2.1	-8.5	4.6	4.7
1995	11.5	43.2	31.1	23.5	30.4
1996	-20.3	-20.8	-8.4	2.9	-18.6
1997	4.8	-3.4	-17.9	-9.0	-2.5
1998	-13.5	-20.1	-12.9	25.5	-15.0
1999	2.1	-3.9	-2.5	-14.5	-2.8
2000	9.2	11.8	23.9	25.0	12.7
2001	-10.4	8.3	2.2	15.0	2.3
2002	1.0	12.0	59.8	-33.5	8.6
2003	8.4	-19.9	-30.1	19.4	-11.5
2004	32.1	20.9	26.2	77.0	29.1
2005	11.1	-4.0	35.6	5.2	5.4
2006	-26.6	15.3	13.2	28.1	1.7
2007	51.4	2.7	-11.8	33.2	16.9
2008	14.8	17.7	3.2	-33.4	8.0
2009	9.6	13.0	28.0	33.3	15.0
2010	-93.1	-40.7	340.8	-32.5	-18.3
2011	1,480.7	42.5	-87.3	49.8	11.6
2012	6.9	-19.8	-12.7	-42.8	-11.5
2013	-14.6	53.7	80.1	51.8	22.8
2014	25.1	-16.2	4.6	-30.3	-2.0
2015	-45.1	21.2	24.7	53.3	-4.3
2016	11.3	-3.6	8.8	28.2	4.8
2017	43.9	-23.5	47.1	17.4	8.1
2018	-1.2	10.1	-26.2	-26.6	-5.2
2019	18.7	4.3	-2.1	11.0	9.2
2020	25.4	-15.6	60.3	22.1	13.7
2021	-29.0	19.4	-26.0	17.7	-9.3
2022	16.5	18.7	231.5	204.2	76.3

Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-9. NET CORPORATE INCOME TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	10,512	15,604	7,294	1,373	34,784
1983	6,455	9,343	11,331	831	27,960
1984	9,588	14,681	10,437	4,975	39,681
1985	7,521	21,903	11,552	3,097	44,074
1986	7,783	17,157	14,902	6,376	46,217
1987	13,646	26,593	17,857	9,176	67,272
1988	18,135	20,850	16,226	7,883	63,094
1989	23,553	24,709	18,757	5,690	72,710
1990	22,507	27,904	29,076	6,783	86,269
1991	23,720	36,369	11,090	-611	70,568
1992	17,439	15,863	11,156	-1,722	42,737
1993	6,535	13,374	13,514	-11,184	22,239
1994	10,452	26,213	9,133	-11,571	34,228
1995	12,869	19,818	12,030	-7,380	37,336
1996	15,451	28,338	9,910	-2,456	51,243
1997	18,055	32,330	10,594	-5,386	55,594
1998	10,592	30,408	15,479	-6,368	50,112
1999	7,428	26,104	14,119	41	47,692
2000	17,358	36,696	9,985	3,610	67,650
2001	17,933	29,265	11,224	-10,152	48,269
2002	18,655	25,751	4,267	6,700	55,373
2003	-25,417	22,712	8,154	-260	5,189
2004	12,022	36,737	15,156	11,257	75,171
2005	12,413	46,779	67,092	6,305	132,589
2006	1,330	55,282	22,781	7,582	86,975
2007	9,136	42,336	27,297	1,245	80,014
2008	14,593	41,946	17,117	2,945	76,602
2009	9,201	24,259	12,451	-9,229	36,683
2010	18,696	37,267	1,752	-4,900	52,815
2011	-8,202	45,923	10,662	-28,835	19,548
2012	33,542	57,658	21,335	160	112,695
2013	14,909	64,584	39,471	16,374	135,338
2014	-11,265	42,441	15,558	19,012	65,746
2015	9,632	8,118	50,082	8,630	76,462
2016	-17,278	51,601	18,476	36,898	89,697
2017	-31,911	53,298	35,995	7,520	64,901
2018	19,302	40,839	22,188	43,810	126,138
2019	17,491	80,188	26,198	13,267	137,143
2020	-24,900	-6,157	43,710	28,637	41,288
2021	-1,423	115,757	66,202	55,741	236,276
2022	19,221	114,870	79,829	66,997	280,916
Percentage Change from the Same Period in Previous Year					
1983	-38.6	-40.1	55.3	-39.5	-19.6
1984	48.5	57.1	-7.9	498.9	41.9
1985	-21.6	49.2	10.7	-37.7	11.1
1986	3.5	-21.7	29.0	105.9	4.9
1987	75.3	55.0	19.8	43.9	45.6
1988	32.9	-21.6	-9.1	-14.1	-6.2
1989	29.9	18.5	15.6	-27.8	15.2
1990	-4.4	12.9	55.0	19.2	18.6
1991	5.4	30.3	-61.9	(1/)	-18.2
1992	-26.5	-56.4	0.6	(1/)	-39.4
1993	-62.5	-15.7	21.1	(1/)	-48.0
1994	60.0	96.0	-32.4	(1/)	53.9
1995	23.1	-24.4	31.7	(1/)	9.1
1996	20.1	43.0	-17.6	(1/)	37.2
1997	16.9	14.1	6.9	(1/)	8.5
1998	-41.3	-5.9	46.1	(1/)	-9.9
1999	-29.9	-14.2	-8.8	(1/)	-4.8
2000	133.7	40.6	-29.3	8,776.4	41.8
2001	3.3	-20.3	12.4	(1/)	-28.6
2002	4.0	-12.0	-62.0	(1/)	14.7
2003	(1/)	-11.8	91.1	(1/)	-90.6
2004	(1/)	61.7	85.9	(1/)	1,348.7
2005	3.2	27.3	342.7	-44.0	76.4
2006	-89.3	18.2	-66.0	20.2	-34.4
2007	586.7	-23.4	19.8	-83.6	-8.0
2008	59.7	-0.9	-37.3	136.6	-4.3
2009	-36.9	-42.2	-27.3	(1/)	-52.1
2010	103.2	53.6	-85.9	(1/)	44.0
2011	(1/)	23.2	508.6	(1/)	-63.0
2012	(1/)	25.6	100.1	(1/)	476.5
2013	-55.6	12.0	85.0	10,135.3	20.1
2014	(1/)	-34.3	-60.6	16.1	-51.4
2015	(1/)	-80.9	221.9	-54.6	16.3
2016	(1/)	535.7	-63.1	327.5	17.3
2017	(1/)	3.3	94.8	(1/)	-27.6
2018	(1/)	-23.4	-38.4	(1/)	94.4
2019	-9.4	96.4	18.1	-69.7	8.7
2020	(1/)	(1/)	66.8	115.9	-69.9
2021	(1/)	(1/)	51.5	94.6	472.3
2022	(1/)	-0.8	20.6	20.2	18.9

Net Individual Income tax includes declaration of estimated taxes plus payments with returns plus withholding tax on wages less refunds.

1/ Percentage change involving negative values not meaningful.

Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-10. DECLARATION OF ESTIMATED TAXES - CORPORATE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	10,316	13,980	7,696	3,914	35,906
1983	8,427	9,854	11,008	4,720	34,009
1984	10,363	14,272	10,343	5,435	40,414
1985	10,065	20,703	11,204	4,919	46,892
1986	6,899	16,141	13,783	8,228	45,051
1987	13,848	25,171	18,229	8,651	65,899
1988	18,559	21,577	17,944	8,733	66,813
1989	23,599	23,158	19,775	9,818	76,349
1990	24,238	29,810	29,837	15,853	99,738
1991	28,257	38,849	21,596	12,849	101,551
1992	23,809	20,506	17,337	12,358	74,012
1993	17,294	17,203	19,955	10,232	64,684
1994	18,048	29,934	19,092	10,075	77,149
1995	17,214	26,846	16,498	10,198	70,756
1996	22,423	30,651	15,409	12,077	80,559
1997	21,651	33,029	19,673	14,235	88,587
1998	15,930	33,419	19,273	13,035	81,657
1999	14,832	31,644	19,049	24,640	90,166
2000	19,221	41,845	19,007	15,475	95,548
2001	21,726	35,748	17,669	13,297	88,440
2002	31,607	30,666	12,620	11,821	86,714
2003	1,472	29,696	11,575	9,000	51,743
2004	21,573	39,223	26,425	15,353	102,574
2005	40,643	44,441	71,123	14,562	170,770
2006	17,670	58,440	36,772	32,610	145,492
2007	22,730	46,657	38,785	23,763	131,935
2008	24,662	44,253	24,155	16,015	109,084
2009	20,556	36,731	21,243	14,449	92,979
2010	23,764	37,399	13,358	19,745	94,266
2011	26,263	50,495	26,981	20,526	124,265
2012	25,427	52,449	25,769	26,266	129,910
2013	24,649	61,666	51,318	34,531	172,163
2014	27,105	49,087	27,317	38,576	142,085
2015	30,630	58,756	35,862	27,578	152,826
2016	39,998	57,125	33,213	50,461	180,797
2017	33,313	56,271	40,688	34,728	165,000
2018	24,123	95,733	48,171	46,335	214,363
2019	44,335	89,062	50,265	51,280	234,942
2020	37,609	37,793	61,560	55,142	192,103
2021	37,665	114,172	81,237	67,961	301,035
2022	46,195	131,023	81,357	65,804	324,379
Percentage Change from the Same Period in Previous Year					
1983	-18.3	-29.5	43.0	20.6	-5.3
1984	23.0	44.8	-6.0	15.1	18.8
1985	-2.9	45.1	8.3	-9.5	16.0
1986	-31.5	-22.0	23.0	67.3	-3.9
1987	100.7	55.9	32.3	5.1	46.3
1988	34.0	-14.3	-1.6	0.9	1.4
1989	27.2	7.3	10.2	12.4	14.3
1990	2.7	28.7	50.9	61.5	30.6
1991	16.6	30.3	-27.6	-19.0	1.8
1992	-15.7	-47.2	-19.7	-3.8	-27.1
1993	-27.4	-16.1	15.1	-17.2	-12.6
1994	4.4	74.0	-4.3	-1.5	19.3
1995	-4.6	-10.3	-13.6	1.2	-8.3
1996	30.3	14.2	-6.6	18.4	13.9
1997	-3.4	7.8	27.7	17.9	10.0
1998	-26.4	1.2	-2.0	-8.4	-7.8
1999	-6.9	-5.3	-1.2	89.0	10.4
2000	29.6	32.2	-0.2	-37.2	6.0
2001	13.0	-14.6	-7.0	-14.1	-7.4
2002	45.5	-14.2	-28.6	-11.1	-2.0
2003	-95.3	-3.2	-8.3	-23.9	-40.3
2004	1,365.4	32.1	128.3	70.6	98.2
2005	88.4	13.3	169.2	-5.2	66.5
2006	-56.5	31.5	-48.3	123.9	-14.8
2007	28.6	-20.2	5.5	-27.1	-9.3
2008	8.5	-5.2	-37.7	-32.6	-17.3
2009	-16.6	-17.0	-12.1	-9.8	-14.8
2010	15.6	1.8	-37.1	36.7	1.4
2011	10.5	35.0	102.0	4.0	31.8
2012	-3.2	3.9	-4.5	28.0	4.5
2013	-3.1	17.6	99.1	31.5	32.5
2014	10.0	-20.4	-46.8	11.7	-17.5
2015	13.0	19.7	31.3	-28.5	7.6
2016	30.6	-2.8	-7.4	83.0	18.3
2017	-16.7	-1.5	22.5	-31.2	-8.7
2018	-27.6	70.1	18.4	33.4	29.9
2019	83.8	-7.0	4.3	10.7	9.6
2020	-15.2	-57.6	22.5	7.5	-18.2
2021	0.1	202.1	32.0	23.2	56.7
2022	22.6	14.8	0.1	-3.2	7.8

Net Individual Income tax includes declaration of estimated taxes plus payments with returns plus withholding tax on wages less refunds.

Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-11. PAYMENT WITH RETURNS - CORPORATE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	1,014	2,317	403	-668	3,065
1983	-1,131	306	1,221	-2,651	-2,255
1984	-58	1,417	763	38	2,159
1985	-1,552	1,889	1,210	240	1,787
1986	1,082	2,239	2,346	1,742	7,410
1987	2,517	2,994	1,864	3,495	10,870
1988	1,784	3,152	2,733	3,284	10,953
1989	2,169	3,867	2,062	3,349	11,447
1990	3,062	2,398	3,374	4,221	13,055
1991	3,335	4,006	2,303	2,708	12,352
1992	6,467	2,741	1,555	2,847	13,609
1993	4,321	1,881	2,899	2,150	11,252
1994	3,009	1,471	3,087	2,255	9,821
1995	1,925	1,531	1,796	1,640	6,891
1996	1,999	2,586	1,782	3,917	10,283
1997	2,273	3,481	2,126	2,410	10,290
1998	2,043	1,200	1,358	3,055	7,656
1999	2,469	1,588	1,573	2,199	7,828
2000	4,808	1,581	1,586	1,386	9,361
2001	2,329	1,707	2,466	5,929	12,430
2002	1,672	2,025	2,405	2,313	8,415
2003	-4,236	1,062	108	2,546	-521
2004	3,781	2,946	1,040	4,397	12,164
2005	2,803	11,174	2,553	4,337	20,867
2006	3,342	4,886	4,660	6,832	19,720
2007	3,791	7,369	2,779	6,646	20,585
2008	4,911	7,516	4,436	8,786	25,648
2009	2,288	7,798	4,452	4,691	19,229
2010	5,874	3,893	2,157	3,993	15,917
2011	2,793	5,039	2,789	4,889	15,510
2012	21,515	19,301	6,251	4,220	51,287
2013	4,159	5,956	3,979	4,185	18,279
2014	8,480	10,835	2,206	4,884	26,405
2015	8,121	-20,226	19,924	7,714	15,533
2016	4,089	7,731	2,919	16,553	31,292
2017	3,841	5,899	3,128	3,913	16,781
2018	4,370	-13,102	8,977	6,143	6,389
2019	5,148	9,823	1,661	-428	16,204
2020	2,311	4,348	10,395	3,557	20,612
2021	3,545	11,270	9,049	12,584	36,449
2022	9,246	16,637	5,760	11,357	43,000
Percentage Change from the Same Period in Previous Year					
1983	(1/)	-86.8	203.2	(1/)	(1/)
1984	(1/)	362.5	-37.5	(1/)	(1/)
1985	(1/)	33.4	58.7	528.2	-17.2
1986	(1/)	18.5	93.8	627.0	314.6
1987	132.5	33.7	-20.5	100.6	46.7
1988	-29.1	5.3	46.6	-6.0	0.8
1989	21.6	22.7	-24.6	2.0	4.5
1990	41.2	-38.0	63.6	26.0	14.1
1991	8.9	67.0	-31.8	-35.8	-5.4
1992	93.9	-31.6	-32.5	5.1	10.2
1993	-33.2	-31.4	86.5	-24.5	-17.3
1994	-30.4	-21.8	6.5	4.9	-12.7
1995	-36.0	4.1	-41.8	-27.3	-29.8
1996	3.8	68.9	-0.8	138.8	49.2
1997	13.7	34.6	19.3	-38.5	0.1
1998	-10.1	-65.5	-36.1	26.8	-25.6
1999	20.8	32.4	15.8	-28.0	2.2
2000	94.7	-0.4	0.9	-37.0	19.6
2001	-51.6	7.9	55.4	327.8	32.8
2002	-28.2	18.6	-2.5	-61.0	-32.3
2003	(1/)	-47.6	-95.5	10.1	(1/)
2004	(1/)	177.4	867.5	72.7	(1/)
2005	-25.9	279.3	145.4	-1.4	71.5
2006	19.2	-56.3	82.5	57.5	-5.5
2007	13.4	50.8	-40.4	-2.7	4.4
2008	29.5	2.0	59.6	32.2	24.6
2009	-53.4	3.8	0.4	-46.6	-25.0
2010	156.8	-50.1	-51.6	-14.9	-17.2
2011	-52.4	29.4	29.3	22.4	-2.6
2012	670.3	283.0	124.1	-13.7	230.7
2013	-80.7	-69.1	-36.3	-0.8	-64.4
2014	103.9	81.9	-44.6	16.7	44.5
2015	-4.2	(1/)	803.3	58.0	-41.2
2016	-49.6	(1/)	-85.4	114.6	101.5
2017	-6.1	-23.7	7.2	-76.4	-46.4
2018	13.8	(1/)	187.0	57.0	-61.9
2019	17.8	(1/)	-81.5	(1/)	153.6
2020	-55.1	-55.7	526.0	(1/)	27.2
2021	53.4	159.2	-12.9	253.8	76.8
2022	160.8	47.6	-36.3	-9.7	18.0

1/ Percentage change involving negative numbers not meaningful.
Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-12. REFUNDS - CORPORATE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	818	694	804	1,872	4,188
1983	842	817	898	1,239	3,795
1984	717	1,007	668	499	2,892
1985	992	689	862	2,061	4,605
1986	199	1,224	1,227	3,594	6,244
1987	2,719	1,572	2,236	2,970	9,497
1988	2,208	3,879	4,451	4,134	14,672
1989	2,215	2,315	3,080	7,476	15,086
1990	4,793	4,304	4,135	13,291	26,524
1991	7,873	6,486	12,808	16,167	43,334
1992	12,837	7,385	7,736	16,927	44,884
1993	15,081	5,710	9,340	23,566	53,697
1994	10,605	5,192	13,045	23,901	52,742
1995	6,270	8,559	6,264	19,219	40,311
1996	8,971	4,899	7,281	18,449	39,599
1997	5,868	4,180	11,205	22,030	43,283
1998	7,381	4,210	5,151	22,459	39,201
1999	9,873	7,128	6,503	26,798	50,302
2000	6,670	6,730	10,608	13,251	37,259
2001	6,122	8,190	8,911	29,378	52,602
2002	14,624	6,941	10,758	7,433	39,755
2003	22,654	8,046	3,529	11,805	46,033
2004	13,332	5,432	12,309	8,493	39,567
2005	31,033	8,836	6,585	12,594	59,048
2006	19,682	8,043	18,651	31,861	78,237
2007	17,385	11,691	14,267	29,164	72,507
2008	14,979	9,822	11,474	21,855	58,130
2009	13,642	20,270	13,243	28,369	75,525
2010	10,942	4,025	13,762	28,638	57,368
2011	37,258	9,611	19,108	54,250	120,227
2012	13,400	14,092	10,685	30,326	68,503
2013	13,898	3,038	15,827	22,341	55,104
2014	46,851	17,481	13,964	24,448	102,744
2015	29,119	30,413	5,703	26,662	91,897
2016	61,365	13,255	17,655	30,116	122,391
2017	69,066	8,872	7,821	31,121	116,880
2018	9,191	41,793	34,961	8,668	94,613
2019	31,993	18,698	25,727	37,585	114,003
2020	64,820	48,298	28,246	30,063	171,427
2021	42,634	9,685	24,085	24,804	101,208
2022	36,219	32,791	7,288	10,165	86,463
Percentage Change from the Same Period in Previous Year					
1983	2.9	17.7	11.6	-33.8	-9.4
1984	-14.8	23.3	-25.5	-59.7	-23.8
1985	38.3	-31.6	29.0	313.2	59.2
1986	-80.0	77.5	42.3	74.4	35.6
1987	1,269.8	28.4	82.3	-17.4	52.1
1988	-18.8	146.8	99.1	39.2	54.5
1989	0.3	-40.3	-30.8	80.9	2.8
1990	116.4	85.9	34.3	77.8	75.8
1991	64.2	50.7	209.7	21.6	63.4
1992	63.1	13.9	-39.6	4.7	3.6
1993	17.5	-22.7	20.7	39.2	19.6
1994	-29.7	-9.1	39.7	1.4	-1.8
1995	-40.9	64.9	-52.0	-19.6	-23.6
1996	43.1	-42.8	16.2	-4.0	-1.8
1997	-34.6	-14.7	53.9	19.4	9.3
1998	25.8	0.7	-54.0	1.9	-9.4
1999	33.8	69.3	26.2	19.3	28.3
2000	-32.4	-5.6	63.1	-50.6	-25.9
2001	-8.2	21.7	-16.0	121.7	41.2
2002	138.9	-15.3	20.7	-74.7	-24.4
2003	54.9	15.9	-67.2	58.8	15.8
2004	-41.1	-32.5	248.9	-28.1	-14.0
2005	132.8	62.7	-46.5	48.3	49.2
2006	-36.6	-9.0	183.2	153.0	32.5
2007	-11.7	45.4	-23.5	-8.5	-7.3
2008	-13.8	-16.0	-19.6	-25.1	-19.8
2009	-8.9	106.4	15.4	29.8	29.9
2010	-19.8	-80.1	3.9	0.9	-24.0
2011	240.5	138.8	38.8	89.4	109.6
2012	-64.0	46.6	-44.1	-44.1	-43.0
2013	3.7	-78.4	48.1	-26.3	-19.6
2014	237.1	475.5	-11.8	9.4	86.5
2015	-37.8	74.0	-59.2	9.1	-10.6
2016	110.7	-56.4	209.6	13.0	33.2
2017	12.5	-33.1	-55.7	3.3	-4.5
2018	-86.7	371.1	347.0	-72.1	-19.1
2019	248.1	-55.3	-26.4	333.6	20.5
2020	102.6	158.3	9.8	-20.0	50.4
2021	-34.2	-79.9	-14.7	-17.5	-41.0
2022	-15.0	238.6	-69.7	-59.0	-14.6

Source: Hawaii State Department of Taxation and <http://www.hawaii.gov/tax/a5_3txcolrpt.htm>.

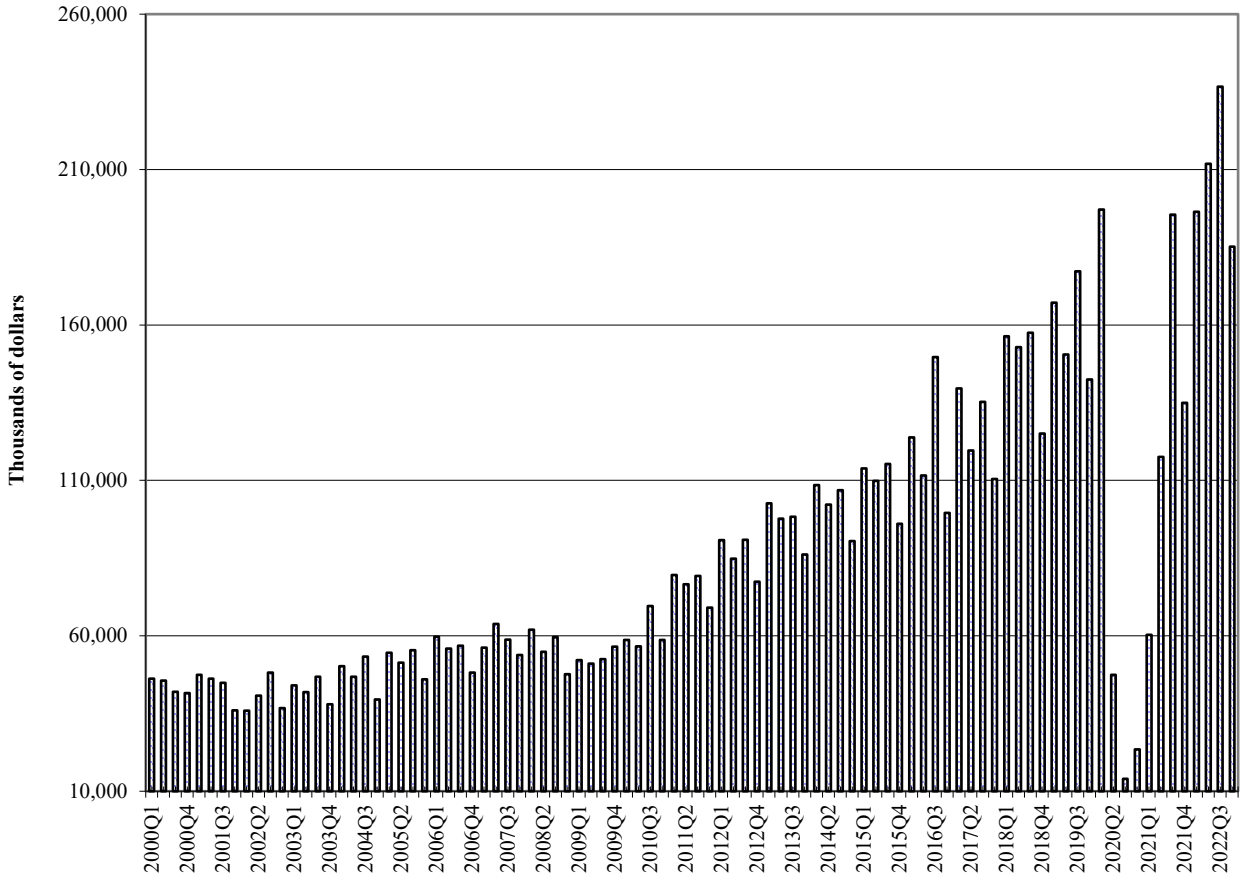
Table C-13. TRANSIENT ACCOMMODATIONS TAX REVENUES

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1987 1/	7,216	16,294	16,164	13,554	53,228
1988	18,468	19,093	17,890	15,239	70,689
1989	20,823	22,022	18,438	19,712	80,995
1990	22,359	21,928	21,292	17,877	83,456
1991	20,926	19,127	20,019	17,859	77,931
1992	20,903	21,195	19,355	19,395	80,848
1993	20,893	20,665	17,156	16,692	75,406
1994 2/	22,909	19,765	22,254	21,570	86,497
1995	27,219	26,997	26,601	24,801	105,618
1996	34,193	30,146	32,397	27,246	123,983
1997	32,015	33,797	31,899	29,181	126,892
1998	34,047	31,949	31,231	28,655	125,882
1999 3/	37,219	39,428	40,767	35,953	153,367
2000	46,216	45,631	41,949	41,564	175,361
2001	47,423	46,228	44,901	36,050	174,602
2002	35,919	40,765	48,199	36,750	161,633
2003	44,038	41,878	46,802	37,963	170,681
2004	50,204	46,879	53,338	39,487	189,908
2005	54,583	51,366	55,381	46,052	207,381
2006	59,698	55,865	56,782	48,204	220,550
2007	56,161	63,784	58,726	53,871	232,542
2008	61,952	54,829	59,640	47,700	224,122
2009 4/	52,211	51,062	52,518	56,483	212,274
2010	58,631	56,610	69,617	58,703	243,562
2011	79,592	76,551	79,292	69,116	304,551
2012	90,752	84,780	90,859	77,389	343,780
2013	102,663	97,645	98,264	86,148	384,720
2014	108,548	102,268	106,848	90,476	408,141
2015	113,836	109,810	115,292	96,088	435,025
2016	123,793	111,609	149,651	99,521	484,574
2017	139,611	119,573	135,310	110,404	504,898
2018 4/	156,356	152,821	157,537	125,083	591,796
2019 4/	167,156	150,535	177,232	142,453	637,375
2020 4/	197,145	47,469	13,958	23,444	282,016
2021 4/	60,366	117,525	195,456	134,951	508,298
2022 4/	196,418	211,808	236,640	185,190	830,056
Percentage Change from the Same Period in Previous Year					
1988 1/	155.9	17.2	10.7	12.4	32.8
1989	12.7	15.3	3.1	29.4	14.6
1990	7.4	-0.4	15.5	-9.3	3.0
1991	-6.4	-12.8	-6.0	-0.1	-6.6
1992	-0.1	10.8	-3.3	8.6	3.7
1993	0.0	-2.5	-11.4	-13.9	-6.7
1994 2/	9.6	-4.4	29.7	29.2	14.7
1995	18.8	36.6	19.5	15.0	22.1
1996	25.6	11.7	21.8	9.9	17.4
1997	-6.4	12.1	-1.5	7.1	2.3
1998	6.3	-5.5	-2.1	-1.8	-0.8
1999 3/	9.3	23.4	30.5	25.5	21.8
2000	24.2	15.7	2.9	15.6	14.3
2001	2.6	1.3	7.0	-13.3	-0.4
2002	-24.3	-11.8	7.3	1.9	-7.4
2003	22.6	2.7	-2.9	3.3	5.6
2004	14.0	11.9	14.0	4.0	11.3
2005	8.7	9.6	3.8	16.6	9.2
2006	9.4	8.8	2.5	4.7	6.3
2007	-5.9	14.2	3.4	11.8	5.4
2008	10.3	-14.0	1.6	-11.5	-3.6
2009 4/	-15.7	-6.9	-11.9	18.4	-5.3
2010 4/	12.3	10.9	32.6	3.9	14.7
2011	35.8	35.2	13.9	17.7	25.0
2012	14.0	10.8	14.6	12.0	12.9
2013	13.1	15.2	8.1	11.3	11.9
2014	5.7	4.7	8.7	5.0	6.1
2015	4.9	7.4	7.9	6.2	6.6
2016	8.7	1.6	29.8	3.6	11.4
2017	12.8	7.1	-9.6	10.9	4.2
2018 4/	12.0	27.8	16.4	13.3	17.2
2019 4/	6.9	-1.5	12.5	13.9	7.7
2020 4/	17.9	-68.5	-92.1	-83.5	-55.8
2021 4/	-69.4	147.6	1,300.3	475.6	80.2
2022 4/	225.4	80.2	21.1	37.2	63.3

1/ Tax collection for this category began in February 1987 and therefore a large increase in 1st Q 1988.
2/ Rate increased from 5% to 6% on July 1, 1994.
3/ Rate increased from 6% to 7.25% and tax base increased to include time-share units on January 1, 1999.
4/ Act 61, SLH 2009, increased the transient accommodations tax from 7.25% to 8.25% on July 1, 2009; on July 1, 2010 to 9.25% and beginning on January 1, 2018, to 10.25% until December 31, 2030.
Source: Hawaii State Department of Taxation <http://www6.hawaii.gov/tax/a5_3txcolrpt.htm>.

Figure 4. Transient Accommodations Tax Revenues

[Thousands of dollars]



Source: Table C-13. Transient Accommodations Tax Revenues.

Table C-14. RETAILING TAX BASE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	1,710,281	1,750,597	1,813,302	1,600,783	6,874,963
1983	1,948,082	1,885,630	1,830,416	1,774,065	7,438,193
1984	2,034,424	2,047,426	1,981,977	2,048,066	8,111,893
1985	2,148,440	2,101,998	2,136,843	2,111,973	8,499,254
1986	2,370,712	2,336,286	2,330,069	2,202,306	9,239,373
1987	2,392,313	2,277,522	2,374,945	2,404,893	9,449,673
1988	2,653,942	2,612,874	2,573,969	2,545,189	10,385,974
1989	3,016,917	2,814,070	2,884,282	2,892,510	11,607,779
1990	3,320,274	3,124,012	3,169,330	3,214,267	12,827,883
1991	3,658,962	3,068,027	3,525,630	3,145,763	13,398,382
1992	3,668,603	3,282,789	3,484,491	3,410,449	13,846,332
1993	3,617,266	3,394,978	3,594,944	3,368,861	13,976,049
1994	3,848,492	3,527,809	3,697,657	3,495,841	14,569,798
1995	3,931,088	3,576,608	3,845,592	3,696,824	15,050,113
1996	4,206,451	3,826,770	4,247,406	3,810,802	16,091,429
1997	4,030,822	4,023,946	3,968,269	3,950,919	15,973,955
1998	4,087,163	3,834,383	3,843,435	3,965,877	15,730,858
1999	4,050,978	3,992,427	4,024,697	3,889,277	15,957,379
2000	4,606,401	4,342,393	4,186,470	4,318,671	17,453,936
2001	4,669,056	4,297,529	4,387,085	4,469,628	17,823,297
2002	4,091,384	4,302,040	5,122,051	4,358,012	17,873,487
2003	4,668,769	4,657,861	4,812,325	4,696,086	18,835,041
2004	5,417,977	5,080,797	5,385,246	5,165,632	21,049,652
2005	6,081,366	5,945,365	6,197,716	5,632,927	23,857,373
2006	6,912,004	6,069,155	6,220,418	5,992,699	25,194,276
2007	6,727,451	6,568,361	6,643,954	6,509,009	26,448,775
2008	6,588,242	6,442,289	6,573,006	5,894,990	25,498,527
2009	5,986,987	5,863,222	5,847,500	5,869,742	23,567,451
2010	6,304,979	5,896,802	6,182,402	5,914,471	24,298,654
2011	6,941,788	6,847,961	7,051,703	6,908,811	27,750,263
2012	7,716,520	7,418,084	7,570,566	7,271,254	29,976,424
2013	7,197,579	7,596,756	7,531,736	7,340,944	29,667,015
2014	8,106,083	8,172,751	7,135,693	7,351,659	30,766,186
2015	7,574,592	7,925,270	8,308,361	7,254,488	31,062,711
2016	6,642,756	7,292,180	7,435,573	7,668,929	29,039,438
2017	8,226,356	7,415,644	8,676,570	8,408,707	32,727,277
2018	9,136,809	9,232,310	9,066,686	8,920,413	36,356,218
2019	9,348,182	9,465,708	9,486,712	9,158,455	37,459,057
2020	9,972,382	7,061,957	7,348,236	7,486,622	31,869,197
2021	8,574,191	9,958,834	10,626,630	10,027,367	39,187,022
2022	10,843,861	11,809,033	11,955,218	Year to date	34,608,112
Percentage Change from the Same Period in Previous Year					
1983	13.9	7.7	0.9	10.8	8.2
1984	4.4	8.6	8.3	15.4	9.1
1985	5.6	2.7	7.8	3.1	4.8
1986	10.3	11.1	9.0	4.3	8.7
1987	0.9	-2.5	1.9	9.2	2.3
1988	10.9	14.7	8.4	5.8	9.9
1989	13.7	7.7	12.1	13.6	11.8
1990	10.1	11.0	9.9	11.1	10.5
1991	10.2	-1.8	11.2	-2.1	4.4
1992	0.3	7.0	-1.2	8.4	3.3
1993	-1.4	3.4	3.2	-1.2	0.9
1994	6.4	3.9	2.9	3.8	4.2
1995	2.1	1.4	4.0	5.7	3.3
1996	7.0	7.0	10.4	3.1	6.9
1997	-4.2	5.2	-6.6	3.7	-0.7
1998	1.4	-4.7	-3.1	0.4	-1.5
1999	-0.9	4.1	4.7	-1.9	1.4
2000	13.7	8.8	4.0	11.0	9.4
2001	1.4	-1.0	4.8	3.5	2.1
2002	-12.4	0.1	16.8	-2.5	0.3
2003	14.1	8.3	-6.0	7.8	5.4
2004	16.0	9.1	11.9	10.0	11.8
2005	12.2	17.0	15.1	9.0	13.3
2006	13.7	2.1	0.4	6.4	5.6
2007	-2.7	8.2	6.8	8.6	5.0
2008	-2.1	-1.9	-1.1	-9.4	-3.6
2009	-9.1	-9.0	-11.0	-0.4	-7.6
2010	5.3	0.6	5.7	0.8	3.1
2011	10.1	16.1	14.1	16.8	14.2
2012	11.2	8.3	7.4	5.2	8.0
2013	-6.7	2.4	-0.5	1.0	-1.0
2014	12.6	7.6	-5.3	0.1	3.7
2015	-6.6	-3.0	16.4	-1.3	1.0
2016	-12.3	-8.0	-10.5	5.7	-6.5
2017	23.8	1.7	16.7	9.6	12.7
2018	11.1	24.5	4.5	6.1	11.1
2019	2.3	2.5	4.6	2.7	3.0
2020	6.7	-25.4	-22.5	-18.3	-14.9
2021	-14.0	41.0	44.6	33.9	23.0
2022	26.5	18.6	12.5	Year to date	18.7

Source: Hawaii State Department of Taxation <http://hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-15. SERVICES TAX BASE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	448,031	497,732	497,222	462,083	1,905,068
1983	519,248	566,201	536,793	512,282	2,134,524
1984	560,466	619,006	599,583	589,360	2,368,415
1985	592,615	646,397	627,910	614,747	2,481,669
1986	660,272	703,850	714,171	705,876	2,784,169
1987	713,389	725,796	732,601	724,373	2,896,159
1988	773,998	837,229	813,591	862,897	3,287,715
1989	904,992	937,746	918,812	937,453	3,699,003
1990	1,020,581	1,106,744	1,061,941	1,087,610	4,276,876
1991	1,235,423	1,229,726	1,253,564	1,169,451	4,888,164
1992	1,260,576	1,279,770	1,284,820	1,207,516	5,032,682
1993	1,233,391	1,316,712	1,300,445	1,242,108	5,092,656
1994	1,359,555	1,300,699	1,413,352	1,197,238	5,270,844
1995	1,371,021	1,312,002	1,342,238	1,325,818	5,351,079
1996	1,372,410	1,433,612	1,480,344	1,331,660	5,618,027
1997	1,340,742	1,423,370	1,361,714	1,288,866	5,414,691
1998	1,391,578	1,405,487	1,393,036	1,354,900	5,545,001
1999	1,422,571	1,463,868	1,422,224	1,338,985	5,647,648
2000	1,511,314	1,549,332	1,510,073	1,474,977	6,045,695
2001	1,597,791	1,612,081	1,601,639	1,614,942	6,426,452
2002	1,635,523	1,701,907	1,812,937	1,681,279	6,831,646
2003	1,753,575	1,865,362	1,880,554	1,797,268	7,296,759
2004	2,011,484	2,039,851	2,035,240	2,021,673	8,108,248
2005	2,367,480	2,355,615	2,533,842	2,449,635	9,706,571
2006	2,667,163	2,663,755	2,795,145	2,598,776	10,724,839
2007	2,817,123	2,994,012	2,673,799	2,712,810	11,197,744
2008	2,816,834	2,869,281	2,844,864	2,668,631	11,199,610
2009	2,637,094	2,908,324	2,789,983	2,658,579	10,993,980
2010	2,892,003	2,812,988	2,954,857	2,696,496	11,356,344
2011	3,103,143	3,189,334	3,137,297	3,031,026	12,460,800
2012	3,255,486	3,272,797	3,217,791	3,152,552	12,898,626
2013	3,157,484	3,457,651	3,439,361	3,286,945	13,341,441
2014	3,516,466	3,551,825	3,072,965	3,386,420	13,527,676
2015	3,341,242	3,560,433	3,668,571	3,418,844	13,989,090
2016	3,041,872	3,537,823	3,489,720	3,481,649	13,551,064
2017	3,731,376	3,458,898	4,046,482	3,860,888	15,097,644
2018	4,187,407	4,280,391	4,179,277	4,016,273	16,663,348
2019	4,293,885	4,437,607	4,434,198	4,175,902	17,341,592
2020	4,499,485	3,640,661	3,640,735	3,550,703	15,331,584
2021	3,902,722	4,250,607	4,456,942	4,290,994	16,901,265
2022	4,631,385	4,877,130	5,050,180	Year to date	14,558,694
Percentage Change from the Same Period in Previous Year					
1983	15.9	13.8	8.0	10.9	12.0
1984	7.9	9.3	11.7	15.0	11.0
1985	5.7	4.4	4.7	4.3	4.8
1986	11.4	8.9	13.7	14.8	12.2
1987	8.0	3.1	2.6	2.6	4.0
1988	8.5	15.4	11.1	19.1	13.5
1989	16.9	12.0	12.9	8.6	12.5
1990	12.8	18.0	15.6	16.0	15.6
1991	21.1	11.1	18.0	7.5	14.3
1992	2.0	4.1	2.5	3.3	3.0
1993	-2.2	2.9	1.2	2.9	1.2
1994	10.2	-1.2	8.7	-3.6	3.5
1995	0.8	0.9	-5.0	10.7	1.5
1996	0.1	9.3	10.3	0.4	5.0
1997	-2.3	-0.7	-8.0	-3.2	-3.6
1998	3.8	-1.3	2.3	5.1	2.4
1999	2.2	4.2	2.1	-1.2	1.9
2000	6.2	5.8	6.2	10.2	7.0
2001	5.7	4.1	6.1	9.5	6.3
2002	2.4	5.6	13.2	4.1	6.3
2003	7.2	9.6	3.7	6.9	6.8
2004	14.7	9.4	8.2	12.5	11.1
2005	17.7	15.5	24.5	21.2	19.7
2006	12.7	13.1	10.3	6.1	10.5
2007	5.6	12.4	-4.3	4.4	4.4
2008	0.0	-4.2	6.4	-1.6	0.0
2009	-6.4	1.4	-1.9	-0.4	-1.8
2010	9.7	-3.3	5.9	1.4	3.3
2011	7.3	13.4	6.2	12.4	9.7
2012	4.9	2.6	2.6	4.0	3.5
2013	-3.0	5.6	6.9	4.3	3.4
2014	11.4	2.7	-10.7	3.0	1.4
2015	-5.0	0.2	19.4	1.0	3.4
2016	-9.0	-0.6	-4.9	1.8	-3.1
2017	22.7	-2.2	16.0	10.9	11.4
2018	12.2	23.8	3.3	4.0	10.4
2019	2.5	3.7	6.1	4.0	4.1
2020	4.8	-18.0	-17.9	-15.0	-11.6
2021	-13.3	16.8	22.4	20.8	10.2
2022	18.7	14.7	13.3	Year to date	15.5

Source: Hawaii State Department of Taxation <http://hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-16. CONTRACTING TAX BASE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	334,272	338,664	334,815	287,120	1,294,871
1983	340,254	359,006	334,889	319,256	1,353,405
1984	312,026	361,768	320,497	248,638	1,242,929
1985	257,651	311,747	364,373	433,962	1,367,733
1986	394,202	467,996	497,432	448,394	1,808,024
1987	450,880	484,490	521,333	546,353	2,003,056
1988	544,825	587,327	601,054	754,365	2,487,571
1989	640,644	757,843	795,745	918,614	3,112,846
1990	870,004	922,296	1,108,676	1,102,674	4,003,650
1991	1,126,100	1,043,738	1,164,504	999,709	4,334,051
1992	1,023,106	1,051,525	977,649	960,408	4,012,688
1993	964,878	960,832	965,176	912,719	3,803,605
1994	827,452	837,888	838,504	818,495	3,322,339
1995	776,553	760,576	751,328	845,053	3,133,510
1996	824,546	814,374	838,572	807,614	3,285,106
1997	685,943	777,106	734,054	747,325	2,944,427
1998	757,080	706,282	793,592	759,022	3,015,977
1999	732,065	736,979	758,140	764,017	2,991,201
2000	877,591	869,143	894,905	971,846	3,613,485
2001	920,452	918,441	893,249	1,034,262	3,766,404
2002	913,738	1,025,016	1,213,709	1,122,492	4,274,956
2003	1,122,284	1,139,346	1,179,566	1,095,127	4,536,323
2004	1,143,340	1,126,029	1,345,886	1,306,258	4,921,512
2005	1,440,933	1,429,833	1,608,131	1,545,100	6,023,997
2006	1,714,743	1,677,120	1,920,216	1,911,257	7,223,336
2007	1,990,971	2,081,107	1,924,934	2,075,898	8,072,910
2008	1,885,061	1,977,544	2,095,930	2,028,593	7,987,128
2009	1,779,892	1,726,610	1,580,058	1,555,100	6,641,660
2010	1,426,981	1,301,908	1,487,692	1,373,185	5,589,766
2011	1,382,930	1,443,626	1,468,186	1,542,703	5,837,445
2012	1,561,390	1,680,769	1,858,493	1,905,481	7,006,133
2013	1,847,561	1,935,348	1,844,945	1,702,107	7,329,961
2014	1,732,266	1,766,648	1,666,409	1,858,720	7,024,043
2015	1,801,390	1,995,322	2,212,250	2,103,277	8,112,239
2016	1,745,438	2,123,874	2,196,444	2,222,452	8,288,208
2017	2,170,743	1,828,289	2,206,070	2,179,257	8,384,359
2018	2,202,605	2,326,471	2,521,477	2,405,071	9,455,624
2019	2,349,370	2,430,306	2,445,243	2,384,357	9,609,276
2020	2,467,737	2,243,688	2,647,917	2,397,874	9,757,216
2021	2,338,979	2,643,768	2,580,593	2,545,090	10,108,430
2022	2,558,774	2,642,465	2,786,548	Year to date	7,987,788
Percentage Change from the Same Period in Previous Year					
1983	1.8	6.0	0.0	11.2	4.5
1984	-8.3	0.8	-4.3	-22.1	-8.2
1985	-17.4	-13.8	13.7	74.5	10.0
1986	53.0	50.1	36.5	3.3	32.2
1987	14.4	3.5	4.8	21.8	10.8
1988	20.8	21.2	15.3	38.1	24.2
1989	17.6	29.0	32.4	21.8	25.1
1990	35.8	21.7	39.3	20.0	28.6
1991	29.4	13.2	5.0	-9.3	8.3
1992	-9.1	0.7	-16.0	-3.9	-7.4
1993	-5.7	-8.6	-1.3	-5.0	-5.2
1994	-14.2	-12.8	-13.1	-10.3	-12.7
1995	-6.2	-9.2	-10.4	3.2	-5.7
1996	6.2	7.1	11.6	-4.4	4.8
1997	-16.8	-4.6	-12.5	-7.5	-10.4
1998	10.4	-9.1	8.1	1.6	2.4
1999	-3.3	4.3	-4.5	0.7	-0.8
2000	19.9	17.9	18.0	27.2	20.8
2001	4.9	5.7	-0.2	6.4	4.2
2002	-0.7	11.6	35.9	8.5	13.5
2003	22.8	11.2	-2.8	-2.4	6.1
2004	1.9	-1.2	14.1	19.3	8.5
2005	26.0	27.0	19.5	18.3	22.4
2006	19.0	17.3	19.4	23.7	19.9
2007	16.1	24.1	0.2	8.6	11.8
2008	-5.3	-5.0	8.9	-2.3	-1.1
2009	-5.6	-12.7	-24.6	-23.3	-16.8
2010	-19.8	-24.6	-5.8	-11.7	-15.8
2011	-3.1	10.9	-1.3	12.3	4.4
2012	12.9	16.4	26.6	23.5	20.0
2013	18.3	15.1	-0.7	-10.7	4.6
2014	-6.2	-8.7	-9.7	9.2	-4.2
2015	4.0	12.9	32.8	13.2	15.5
2016	-3.1	6.4	-0.7	5.7	2.2
2017	24.4	-13.9	0.4	-1.9	1.2
2018	1.5	27.2	14.3	10.4	12.8
2019	6.7	4.5	-3.0	-0.9	1.6
2020	5.0	-7.7	8.3	0.6	1.5
2021	-5.2	17.8	-2.5	6.1	3.6
2022	9.4	0.0	8.0	Year to date	5.6

Source: Hawaii State Department of Taxation <http://hawaii.gov/tax/a5_3txcolrpt.htm>.

Table C-17. HOTEL RENTALS TAX BASE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars					
1982	195,584	243,439	209,859	196,044	844,926
1983	214,692	253,165	189,028	219,342	876,227
1984	232,715	275,023	246,471	230,309	984,518
1985	295,480	326,170	246,638	253,980	1,122,268
1986	275,501	359,893	297,845	279,543	1,212,782
1987	353,207	361,774	346,049	308,371	1,369,401
1988	400,643	361,727	328,343	318,178	1,408,891
1989	374,604	419,068	341,650	369,749	1,505,071
1990	419,848	417,017	377,150	358,979	1,572,994
1991	403,527	366,835	395,916	346,712	1,512,990
1992	409,099	424,199	406,846	381,607	1,621,751
1993	398,447	419,241	355,320	354,033	1,527,041
1994	436,808	417,732	421,288	390,579	1,666,406
1995	478,430	447,116	434,281	416,701	1,776,527
1996	518,041	518,184	548,120	473,455	2,057,800
1997	531,801	561,954	561,841	499,723	2,155,319
1998	584,846	550,858	524,625	486,887	2,147,217
1999	561,297	539,708	559,379	497,809	2,158,193
2000	637,549	622,051	580,275	579,412	2,419,287
2001	635,679	654,739	632,841	498,554	2,421,813
2002	490,145	563,821	672,811	500,563	2,227,341
2003	626,061	552,681	636,857	506,835	2,322,434
2004	680,980	619,439	662,828	554,810	2,518,058
2005	770,498	739,112	848,838	655,139	3,013,586
2006	918,680	828,551	979,459	726,568	3,453,258
2007	901,823	871,811	879,847	753,096	3,406,577
2008	881,770	806,297	829,303	613,389	3,130,759
2009	705,049	664,363	676,599	572,851	2,618,862
2010	719,362	637,698	768,600	629,353	2,755,013
2011	840,986	784,912	843,134	716,452	3,185,484
2012	969,649	901,307	986,042	809,327	3,666,325
2013	1,053,756	1,021,794	1,091,781	902,535	4,069,866
2014	1,195,930	1,088,813	1,060,967	968,378	4,314,088
2015	1,225,480	1,072,680	1,241,762	953,060	4,492,982
2016	1,165,451	1,081,514	1,204,144	1,051,277	4,502,386
2017	1,429,976	1,212,570	1,431,767	1,112,181	5,186,494
2018	1,505,888	1,477,272	1,496,958	1,164,071	5,644,189
2019	1,582,361	1,425,715	1,660,192	1,279,126	5,947,394
2020	1,805,785	469,428	162,922	221,726	2,659,861
2021	556,811	1,047,981	1,764,641	1,212,242	4,581,675
2022	1,812,159	1,868,977	2,173,903	Year to date	5,855,040
Percentage Change from the Same Period in Previous Year					
1983	9.8	4.0	-9.9	11.9	3.7
1984	8.4	8.6	30.4	5.0	12.4
1985	27.0	18.6	0.1	10.3	14.0
1986	-6.8	10.3	20.8	10.1	8.1
1987	28.2	0.5	16.2	10.3	12.9
1988	13.4	0.0	-5.1	3.2	2.9
1989	-6.5	15.9	4.1	16.2	6.8
1990	12.1	-0.5	10.4	-2.9	4.5
1991	-3.9	-12.0	5.0	-3.4	-3.8
1992	1.4	15.6	2.8	10.1	7.2
1993	-2.6	-1.2	-12.7	-7.2	-5.8
1994	9.6	-0.4	18.6	10.3	9.1
1995	9.5	7.0	3.1	6.7	6.6
1996	8.3	15.9	26.2	13.6	15.8
1997	2.7	8.4	2.5	5.5	4.7
1998	10.0	-2.0	-6.6	-2.6	-0.4
1999	-4.0	-2.0	6.6	2.2	0.5
2000	13.6	15.3	3.7	16.4	12.1
2001	-0.3	5.3	9.1	-14.0	0.1
2002	-22.9	-13.9	6.3	0.4	-8.0
2003	27.7	-2.0	-5.3	1.3	4.3
2004	8.8	12.1	4.1	9.5	8.4
2005	13.1	19.3	28.1	18.1	19.7
2006	19.2	12.1	15.4	10.9	14.6
2007	-1.8	5.2	-10.2	3.7	-1.4
2008	-2.2	-7.5	-5.7	-18.6	-8.1
2009	-20.0	-17.6	-18.4	-6.6	-16.4
2010	2.0	-4.0	13.6	9.9	5.2
2011	16.9	23.1	9.7	13.8	15.6
2012	15.3	14.8	16.9	13.0	15.1
2013	8.7	13.4	10.7	11.5	11.0
2014	13.5	6.6	-2.8	7.3	6.0
2015	2.5	-1.5	17.0	-1.6	4.1
2016	-4.9	0.8	-3.0	10.3	0.2
2017	22.7	12.1	18.9	5.8	15.2
2018	5.3	21.8	4.6	4.7	8.8
2019	5.1	-3.5	10.9	9.9	5.4
2020	14.1	-67.1	-90.2	-82.7	-55.3
2021	-69.2	123.2	983.1	446.7	72.3
2022	225.5	78.3	23.2	Year to date	73.8

Source: Hawaii State Department of Taxation <http://hawaii.gov/tax/a5_3txcolrpt.htm>.

D. TOURISM

Domestic visitor arrivals and international visitor arrivals both increased in the fourth quarter of 2022.

The total number of visitor arrivals by air increased 391,994 or 20.4 percent in the fourth quarter of 2022, compared to the same quarter of 2021 (Table D-2). The total average daily census Increased by 32,339 or 16.1 percent in the quarter. In 2022, total visitor arrivals by air increased 2,374,674 or 35.0 percent, while the average daily census increased 53,374 or 29.8 percent from the previous year.

In the fourth quarter of 2022, total visitor arrivals on domestic flights increased 141,361 or 7.7 percent compared to the same quarter of 2021 (Table D-3). In 2022, domestic arrivals were up 1,590,325 or 23.9 percent from the previous year.

Arrivals on international flights increased 250,633 or 295.1 percent in the fourth quarter of 2022 compared to the fourth quarter of 2021 (Table D-4). In 2022, international arrivals increased 784,349 or 648.3 percent from the previous year.

In terms of major market areas, from the fourth quarter of 2021 to the same period of 2022, arrivals from the U.S. West increased 51,408 or 4.2 percent (Table D-5), arrivals from the U.S. East increased 28,509 or 5.3 percent (Table D-6), and arrivals from Japan increased 82,758 or 1,279.6 percent (Table D-7). In 2022, arrivals from the U.S. West were up 813,237 or 18.2 percent; arrivals from the U.S. East were up 477,995 or 24.0 percent; and Japanese arrivals were up 180,823 or 954.9 percent from the previous year.

The total average daily visitor census was up 16.1 percent or 32,339 visitors per day in the fourth quarter of 2022, over the same quarter of 2021 (Table D-8). The domestic average daily census increased 5.5 percent or 10,306 visitors per day (Table D-9), while the international average daily census increased 167.3 percent or 20,033 visitors per day (Table D-10). In 2022, the domestic average daily census increased 32,666 or 18.8 percent; and the international average daily census inclined 20,708 or 411.1 percent from the same period of the previous year.

Nominal visitor expenditures by air totaled $4,916.4 million in the fourth quarter of 2022, an increase of $889.2 million or 22.1 percent from the fourth quarter of 2021 (Table D-11). In 2022, visitor expenditures totaled $19,251.8 million, an increase of $6,124.8 million or 46.7 percent from the previous year.

Total airline capacity, as measured by the number of available seats flown to Hawaii, increased 2.3 percent or 71,842 seats (Table D-12) in the fourth quarter of 2022, domestic seats decreased 9.3 percent or 269,240 seats (Table D-13); international seats increased 158.1 percent or 341,082 seats (Table D-14), compared to the same quarter of 2021. 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 fourth quarter of 2022, the statewide hotel occupancy rate averaged 71.3 percent, 8.9 percentage points higher than that of the same quarter of 2021 (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/	2,678,073	2,065,689	612,384	77,915	63,921	13,993
2021 2/	6,777,760	6,656,779	120,981	178,938	173,901	5,037
2022 2/	9,152,435	8,247,105	905,330	232,312	206,568	25,744
2001 1 Qtr.	1,715,088	1,079,787	635,301	176,954	126,606	50,348
2 Qtr.	1,673,990	1,129,578	544,413	159,596	120,781	38,816
3 Qtr.	1,647,049	1,091,324	555,725	162,674	119,887	42,787
4 Qtr.	1,267,662	923,632	344,030	134,185	105,365	28,821
2002 1 Qtr.	1,537,636	1,042,844	494,792	162,745	122,622	40,124
2 Qtr.	1,583,029	1,115,788	467,241	153,178	119,430	33,749
3 Qtr.	1,694,239	1,170,113	524,126	167,584	126,274	41,310
4 Qtr.	1,574,155	1,030,106	544,049	157,250	115,809	41,441
2003 1 Qtr.	1,562,878	1,049,338	513,540	163,475	118,886	44,588
2 Qtr.	1,501,363	1,168,919	332,444	150,775	123,760	27,016
3 Qtr.	1,719,130	1,234,881	484,249	171,357	131,942	39,415
4 Qtr.	1,597,067	1,078,150	518,917	158,528	118,874	39,654
2004 1 Qtr.	1,639,213	1,138,607	500,606	171,479	128,237	43,242
2 Qtr.	1,712,588	1,252,707	459,881	164,897	131,766	33,132
3 Qtr.	1,852,939	1,318,363	534,576	180,936	140,130	40,806
4 Qtr.	1,707,354	1,183,283	524,071	168,540	129,234	39,306
2005 1 Qtr.	1,821,151	1,279,704	541,447	192,126	146,732	45,394
2 Qtr.	1,787,046	1,304,549	482,497	172,635	137,683	34,952
3 Qtr.	1,995,901	1,452,425	543,476	196,484	153,816	42,667
4 Qtr.	1,812,476	1,276,603	535,873	180,542	139,332	41,209
2006 1 Qtr.	1,836,867	1,300,840	536,027	198,665	149,596	49,069
2 Qtr.	1,865,545	1,410,404	455,141	180,356	147,415	32,942
3 Qtr.	1,992,088	1,496,473	495,615	195,968	156,511	39,457
4 Qtr.	1,833,607	1,342,409	491,198	182,876	144,638	38,238
2007 1 Qtr.	1,826,527	1,323,255	503,272	193,365	149,663	43,701
2 Qtr.	1,856,609	1,434,445	422,164	184,702	150,976	33,726
3 Qtr.	2,002,719	1,491,746	510,973	195,509	156,793	38,716
4 Qtr.	1,810,966	1,333,085	477,881	184,106	146,380	37,727
2008 1 Qtr.	1,841,516	1,347,836	493,680	196,032	152,981	43,051
2 Qtr.	1,668,379	1,251,941	416,438	166,503	134,204	32,299
3 Qtr.	1,670,428	1,202,383	468,045	167,502	129,701	37,801
4 Qtr.	1,533,113	1,099,733	433,380	160,101	124,250	35,851
2009 1 Qtr.	1,568,857	1,106,530	462,327	169,946	130,386	39,561
2 Qtr.	1,595,081	1,232,085	362,996	161,808	130,589	31,219
3 Qtr.	1,715,358	1,253,208	462,150	169,752	133,326	36,426
4 Qtr.	1,541,152	1,080,178	460,974	158,893	122,142	36,751
2010 1 Qtr.	1,638,407	1,118,852	519,555	177,714	131,507	46,207
2 Qtr.	1,696,892	1,261,393	435,499	169,223	133,002	36,221
3 Qtr.	1,856,948	1,351,315	505,633	186,931	144,558	42,373
4 Qtr.	1,724,647	1,225,792	498,855	177,829	136,417	41,412
2011 1 Qtr.	1,781,445	1,241,338	540,107	196,827	146,802	50,025
2 Qtr.	1,724,205	1,297,685	426,520	173,967	138,108	35,858
3 Qtr.	1,872,833	1,335,712	537,121	186,064	143,099	42,965
4 Qtr.	1,795,914	1,252,556	543,358	186,549	140,159	46,391
2012 1 Qtr.	1,933,991	1,301,730	632,261	210,680	151,796	58,884
2 Qtr.	1,910,870	1,368,575	542,295	191,073	146,486	44,587
3 Qtr.	2,042,534	1,389,278	653,256	201,523	148,332	53,191
4 Qtr.	1,979,748	1,343,442	636,306	201,785	148,940	52,845
2013 1 Qtr.	2,022,871	1,356,149	666,722	216,218	156,744	59,474
2 Qtr.	1,974,892	1,399,913	574,979	194,526	148,513	46,013
3 Qtr.	2,077,453	1,392,557	684,896	205,127	149,990	55,138
4 Qtr.	1,928,258	1,256,681	671,577	195,832	141,761	54,072
2014 1 Qtr.	2,028,633	1,318,882	709,751	217,477	154,902	62,576
2 Qtr.	2,011,759	1,402,026	609,733	198,049	149,363	48,687
3 Qtr.	2,120,639	1,424,360	696,279	204,784	151,815	52,969
4 Qtr.	2,035,311	1,340,791	694,520	204,713	148,289	56,424
2015 1 Qtr.	2,097,862	1,371,980	725,882	224,128	158,420	65,709
2 Qtr.	2,145,806	1,513,399	632,407	208,378	157,721	50,657
3 Qtr.	2,197,037	1,483,636	713,401	212,094	154,700	57,394
4 Qtr.	2,122,312	1,413,124	709,188	211,299	153,335	57,963
2016 1 Qtr.	2,173,406	1,427,670	745,736	226,150	158,576	67,575
2 Qtr.	2,182,867	1,532,889	649,978	210,576	158,125	52,452
3 Qtr.	2,265,810	1,542,019	723,791	217,543	158,635	58,908
4 Qtr.	2,199,720	1,466,202	733,518	216,446	156,484	59,962
2017 1 Qtr.	2,233,387	1,451,371	782,016	235,110	162,699	72,411
2 Qtr.	2,318,012	1,617,920	700,092	224,262	166,207	58,055
3 Qtr.	2,399,481	1,621,643	777,838	228,534	165,431	63,103
4 Qtr.	2,326,733	1,548,814	777,919	228,427	162,740	65,687
2018 1 Qtr.	2,428,102	1,614,588	813,514	252,318	176,689	75,629
2 Qtr.	2,457,716	1,752,412	705,304	238,325	178,577	59,749
3 Qtr.	2,484,272	1,719,849	764,423	238,258	174,031	64,227
4 Qtr.	2,391,358	1,649,887	741,471	232,703	169,234	63,469
2019 1 Qtr.	2,487,105	1,682,020	805,085	251,520	178,065	73,454
2 Qtr.	2,607,041	1,915,973	691,068	244,561	188,140	56,420
3 Qtr.	2,639,669	1,887,558	752,111	247,924	184,744	63,180
4 Qtr.	2,509,350	1,768,255	741,095	239,040	178,173	60,866
2/ 2020 1 Qtr.	2,083,958	1,483,458	600,500	212,108	157,883	54,225
2/ 2 Qtr.	32,731	31,468	1,263	9,758	9,581	177
2/ 3 Qtr.	64,339	61,456	2,883	20,469	19,995	474
2/ 4 Qtr.	497,045	489,307	7,738	70,042	68,657	1,385
2/ 2021 1 Qtr.	847,047	839,458	7,589	103,398	101,408	1,990
2/ 2 Qtr.	1,905,914	1,897,256	8,658	199,230	197,587	1,643
2/ 3 Qtr.	2,107,156	2,087,355	19,801	210,829	207,587	3,241
2/ 4 Qtr.	1,917,643	1,832,710	84,933	200,872	187,703	13,170
2/ 2022 1 Qtr.	1,976,585	1,840,316	136,269	212,568	191,813	20,755
2 Qtr.	2,425,566	2,243,890	181,676	240,481	220,925	19,556
3 Qtr.	2,440,647	2,188,828	251,819	242,647	215,359	27,288
4 Qtr.	2,309,637	1,974,071	335,566	233,211	198,009	35,203

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

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

Year	Visitor Arrivals 1/			Average Daily Visitor Census		
	Total	Domestic	International	**Total**	Domestic	International
	Percentage Change from the Same Period in Previous Year					
1991	-3.1	-5.7	1.7	-4.7	-6.5	0.5
1992	-0.7	-6.8	9.5	3.3	0.9	9.7
1993	-6.2	-5.9	-6.7	-3.1	-5.8	3.1
1994	4.8	6.8	2.0	6.2	7.4	3.5
1995	2.9	-1.8	9.9	0.3	-2.1	5.6
1996	2.7	1.4	4.5	0.8	0.7	0.9
1997	0.6	2.5	-2.0	-0.7	1.5	-5.2
1998	-2.4	3.2	-10.1	0.1	3.7	-7.8
1999	2.2	6.0	-3.7	4.5	5.3	2.5
2000	3.1	4.5	0.7	2.6	4.6	-2.7
2001	-9.3	-5.0	-16.9	-6.2	-4.3	-11.2
2002	1.4	3.2	-2.4	1.2	2.5	-2.4
2003	-0.1	4.0	-8.9	0.5	1.9	-3.8
2004	8.3	8.0	9.2	6.5	7.3	3.9
2005	7.3	8.6	4.2	8.1	9.1	4.9
2006	1.5	4.5	-6.0	2.2	3.6	-2.8
2007	-0.4	0.6	-3.2	0.0	0.9	-3.6
2008	-10.4	-12.2	-5.4	-8.9	-10.4	-3.1
2009	-4.4	-4.7	-3.5	-4.3	-4.5	-3.4
2010	7.7	6.1	12.1	7.8	5.7	15.4
2011	3.7	3.4	4.5	4.4	4.1	5.4
2012	9.7	5.4	20.4	8.3	4.8	19.6
2013	1.7	0.0	5.4	0.8	0.2	2.4
2014	2.4	1.5	4.3	1.6	1.2	2.8
2015	4.5	5.4	2.6	3.7	3.3	5.0
2016	3.0	3.2	2.6	1.7	1.2	3.1
2017	5.2	4.5	6.5	5.2	4.0	8.5
2018	5.2	8.0	-0.4	4.9	6.3	1.5
2019	4.9	7.7	-1.2	2.2	4.4	-3.5
2020 2/	-73.9	-71.5	-79.5	-68.3	-64.9	-77.9
2021 2/	153.1	222.3	-80.2	129.7	172.1	-64.0
2022 2/	35.0	23.9	648.3	29.8	18.8	411.1
2002 1 Qtr.	-10.3	-3.4	-22.1	-8.0	-3.1	-20.3
2 Qtr.	-5.4	-1.2	-14.2	-4.0	-1.1	-13.1
3 Qtr.	2.9	7.2	-5.7	3.0	5.3	-3.5
4 Qtr.	24.2	11.5	58.1	17.2	9.9	43.8
2003 1 Qtr.	1.6	0.6	3.8	0.4	-3.0	11.1
2 Qtr.	-5.2	4.8	-28.8	-1.6	3.6	-20.0
3 Qtr.	1.5	5.5	-7.6	2.3	4.5	-4.6
4 Qtr.	1.5	4.7	-4.6	0.8	2.6	-4.3
2004 1 Qtr.	4.9	8.5	-2.5	4.9	7.9	-3.0
2 Qtr.	14.1	7.2	38.3	9.4	6.5	22.6
3 Qtr.	7.8	6.8	10.4	5.6	6.2	3.5
4 Qtr.	6.9	9.8	1.0	6.3	8.7	-0.9
2005 1 Qtr.	11.1	12.4	8.2	12.0	14.4	5.0
2 Qtr.	4.3	4.1	4.9	4.7	4.5	5.5
3 Qtr.	7.7	10.2	1.7	8.6	9.8	4.6
4 Qtr.	6.2	7.9	2.3	7.1	7.8	4.8
2006 1 Qtr.	0.9	1.7	-1.0	3.4	2.0	8.1
2 Qtr.	4.4	8.1	-5.7	4.5	7.1	-5.8
3 Qtr.	-0.2	3.0	-8.8	-0.3	1.8	-7.5
4 Qtr.	1.2	5.2	-8.3	1.3	3.8	-7.2
2007 1 Qtr.	-0.6	1.7	-6.1	-2.7	0.0	-10.9
2 Qtr.	-0.5	1.7	-7.2	2.4	2.4	2.4
3 Qtr.	0.5	-0.3	3.1	-0.2	0.2	-1.9
4 Qtr.	-1.2	-0.7	-2.7	0.7	1.2	-1.3
2008 1 Qtr.	0.8	1.9	-1.9	1.4	2.2	-1.5
2 Qtr.	-10.1	-12.7	-1.4	-9.9	-11.1	-4.2
3 Qtr.	-16.6	-19.4	-8.4	-14.3	-17.3	-2.4
4 Qtr.	-15.3	-17.5	-9.3	-13.0	-15.1	-5.0
2009 1 Qtr.	-14.8	-17.9	-6.4	-13.3	-14.8	-8.1
2 Qtr.	-4.4	-1.6	-12.8	-2.8	-2.7	-3.3
3 Qtr.	2.7	4.2	-1.3	1.3	2.8	-3.6
4 Qtr.	0.5	-1.8	6.4	-0.8	-1.7	2.5
2010 1 Qtr.	4.4	1.1	12.4	4.6	0.9	16.8
2 Qtr.	6.4	2.4	20.0	4.6	1.8	16.0
3 Qtr.	8.3	7.8	9.4	10.1	8.4	16.3
4 Qtr.	11.9	13.5	8.2	11.9	11.7	12.7
2011 1 Qtr.	8.7	10.9	4.0	10.8	11.6	8.3
2 Qtr.	1.6	2.9	-2.1	2.8	3.8	-1.0
3 Qtr.	0.9	-1.2	6.2	-0.5	-1.0	1.4
4 Qtr.	4.1	2.2	8.9	4.9	2.7	12.0
2012 1 Qtr.	8.6	4.9	17.1	7.0	3.4	17.7
2 Qtr.	10.8	5.5	27.1	9.8	6.1	24.3
3 Qtr.	9.1	4.0	21.6	8.3	3.7	23.8
4 Qtr.	10.2	7.3	17.1	8.2	6.3	13.9
2013 1 Qtr.	4.6	4.2	5.5	2.6	3.3	1.0
2 Qtr.	3.4	2.3	6.0	1.8	1.4	3.2
3 Qtr.	1.7	0.2	4.8	1.8	1.1	3.7
4 Qtr.	-2.6	-6.5	5.5	-3.0	-4.8	2.3
2014 1 Qtr.	0.3	-2.7	6.5	0.6	-1.2	5.2
2 Qtr.	1.9	0.2	6.0	1.8	0.6	5.8
3 Qtr.	2.1	2.3	1.7	-0.2	1.2	-3.9
4 Qtr.	5.6	6.7	3.4	4.5	4.6	4.4
2015 1 Qtr.	3.4	4.0	2.3	3.1	2.3	5.0
2 Qtr.	6.7	7.9	3.7	5.2	5.6	4.0
3 Qtr.	3.6	4.2	2.5	3.6	1.9	8.4
4 Qtr.	4.3	5.4	2.1	3.2	3.4	2.7
2016 1 Qtr.	3.6	4.1	2.7	0.9	0.1	2.8
2 Qtr.	1.7	1.3	2.8	1.1	0.3	3.5
3 Qtr.	3.1	3.9	1.5	2.6	2.5	2.6
4 Qtr.	3.6	3.8	3.4	2.4	2.1	3.4
2017 1 Qtr.	2.8	1.7	4.9	4.0	2.6	7.2
2 Qtr.	6.2	5.5	7.7	6.5	5.1	10.7
3 Qtr.	5.9	5.2	7.5	5.1	4.3	7.1
4 Qtr.	5.8	5.6	6.1	5.5	4.0	9.5
2018 1 Qtr.	8.7	11.2	4.0	7.3	8.6	4.4
2 Qtr.	6.0	8.3	0.7	6.3	7.4	2.9
3 Qtr.	3.5	6.1	-1.7	4.3	5.2	1.8
4 Qtr.	2.8	6.5	-4.7	1.9	4.0	-3.4
2019 1 Qtr.	2.4	4.2	-1.0	-0.3	0.8	-2.9
2 Qtr.	6.1	9.3	-2.0	2.6	5.4	-5.6
3 Qtr.	6.3	9.8	-1.6	4.1	6.2	-1.6
4 Qtr.	4.9	7.2	-0.1	2.7	5.3	-4.1
2/ 2020 1 Qtr.	-16.2	-11.8	-25.4	-15.7	-11.3	-26.2
2/ 2 Qtr.	-98.7	-98.4	-99.8	-96.0	-94.9	-99.7
2/ 3 Qtr.	-97.6	-96.7	-99.6	-91.7	-89.2	-99.2
2/ 4 Qtr.	-80.2	-72.3	-99.0	-70.7	-61.5	-97.7
2/ 2021 1 Qtr.	-59.4	-43.4	-98.7	-51.3	-35.8	-96.3
2/ 2 Qtr.	5,723.0	5,929.2	585.5	1,941.8	1,962.3	829.3
2/ 3 Qtr.	3,175.1	3,296.5	586.8	930.0	938.2	583.9
2/ 4 Qtr.	285.8	274.6	997.6	186.8	173.4	851.1
2/ 2022 1 Qtr.	133.4	119.2	1,695.6	105.6	89.1	943.1
2 Qtr.	27.3	18.3	1,998.4	20.7	11.8	1090.4
3 Qtr.	15.8	4.9	1,171.7	15.1	3.7	741.8
4 Qtr.	20.4	7.7	295.1	16.1	5.5	167.3

1/ Staying overnight or longer.
2/ 2022 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-2. TOTAL VISITOR ARRIVALS - BY AIR

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	1,655,161	1,663,777	1,803,195	1,601,398	6,723,531
1991	1,447,222	1,623,820	1,847,875	1,599,544	6,518,460
1992	1,613,620	1,589,013	1,692,377	1,578,659	6,473,669
1993	1,548,386	1,460,771	1,575,663	1,486,175	6,070,995
1994	1,599,015	1,507,791	1,677,357	1,580,510	6,364,674
1995	1,591,918	1,566,221	1,765,085	1,623,535	6,546,759
1996	1,713,427	1,638,364	1,785,297	1,586,054	6,723,141
1997	1,704,050	1,616,539	1,798,790	1,641,757	6,761,135
1998	1,668,494	1,616,987	1,724,849	1,585,460	6,595,790
1999	1,688,751	1,615,842	1,799,719	1,636,726	6,741,037
2000	1,720,922	1,739,432	1,818,701	1,669,539	6,948,594
2001	1,715,088	1,673,990	1,647,049	1,267,662	6,303,789
2002	1,537,636	1,583,029	1,694,239	1,574,155	6,389,059
2003	1,562,878	1,501,363	1,719,130	1,597,067	6,380,439
2004	1,639,213	1,712,588	1,852,939	1,707,354	6,912,094
2005	1,821,151	1,787,046	1,995,901	1,812,476	7,416,574
2006	1,836,867	1,865,545	1,992,088	1,833,607	7,528,106
2007	1,826,527	1,856,609	2,002,719	1,810,966	7,496,820
2008	1,841,516	1,668,379	1,670,428	1,533,113	6,713,436
2009	1,568,857	1,595,081	1,715,358	1,541,152	6,420,448
2010	1,638,407	1,696,892	1,856,948	1,724,647	6,916,894
2011	1,781,445	1,724,205	1,872,833	1,795,914	7,174,397
2012	1,933,991	1,910,870	2,042,534	1,979,748	7,867,143
2013	2,022,871	1,974,892	2,077,453	1,928,258	8,003,474
2014	2,028,633	2,011,759	2,120,639	2,035,311	8,196,342
2015	2,097,862	2,145,806	2,197,037	2,122,312	8,563,018
2016	2,173,406	2,182,867	2,265,810	2,199,720	8,821,802
2017	2,233,387	2,318,012	2,399,481	2,326,733	9,277,613
2018	2,428,102	2,457,716	2,484,272	2,391,358	9,761,448
2019	2,487,105	2,607,041	2,639,669	2,509,350	10,243,165
2020	2,083,958	32,731	64,339	497,045	2,678,073
2021	847,047	1,905,914	2,107,156	1,917,643	6,777,760
2022 2/	1,976,585	2,425,566	2,440,647	2,309,637	9,152,435
Percentage Change from the Same Period in Previous Year					
1991	-12.6	-2.4	2.5	-0.1	-3.1
1992	11.5	-2.1	-8.4	-1.3	-0.7
1993	-4.0	-8.1	-6.9	-5.9	-6.2
1994	3.3	3.2	6.5	6.3	4.8
1995	-0.4	3.9	5.2	2.7	2.9
1996	7.6	4.6	1.1	-2.3	2.7
1997	-0.5	-1.3	0.8	3.5	0.6
1998	-2.1	0.0	-4.1	-3.4	-2.4
1999	1.2	-0.1	4.3	3.2	2.2
2000	1.9	7.6	1.1	2.0	3.1
2001	-0.3	-3.8	-9.4	-24.1	-9.3
2002	-10.3	-5.4	2.9	24.2	1.4
2003	1.6	-5.2	1.5	1.5	-0.1
2004	4.9	14.1	7.8	6.9	8.3
2005	11.1	4.3	7.7	6.2	7.3
2006	0.9	4.4	-0.2	1.2	1.5
2007	-0.6	-0.5	0.5	-1.2	-0.4
2008	0.8	-10.1	-16.6	-15.3	-10.4
2009	-14.8	-4.4	2.7	0.5	-4.4
2010	4.4	6.4	8.3	11.9	7.7
2011	8.7	1.6	0.9	4.1	3.7
2012	8.6	10.8	9.1	10.2	9.7
2013	4.6	3.4	1.7	-2.6	1.7
2014	0.3	1.9	2.1	5.6	2.4
2015	3.4	6.7	3.6	4.3	4.5
2016	3.6	1.7	3.1	3.6	3.0
2017	2.8	6.2	5.9	5.8	5.2
2018	8.7	6.0	3.5	2.8	5.2
2019	2.4	6.1	6.3	4.9	4.9
2020	-16.2	-98.7	-97.6	-80.2	-73.9
2021	-59.4	5,723.0	3,175.1	285.8	153.1
2022 2/	133.4	27.3	15.8	20.4	35.0

1/ Staying overnight or longer.
2/ 2022 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-3. DOMESTIC VISITOR ARRIVALS - BY AIR

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	1,039,445	1,108,654	1,151,752	1,015,310	4,315,161
1991	932,347	1,053,156	1,127,974	955,031	4,068,508
1992	922,725	948,382	976,407	944,431	3,791,945
1993	899,585	890,477	908,086	871,911	3,570,059
1994	936,856	951,487	988,317	936,619	3,813,279
1995	940,217	941,555	955,961	905,741	3,743,474
1996	962,066	976,277	991,937	863,833	3,794,113
1997	952,515	966,338	1,021,590	950,355	3,890,798
1998	973,221	1,035,106	1,040,587	965,226	4,014,140
1999	1,021,745	1,058,106	1,132,114	1,043,657	4,255,621
2000	1,070,247	1,165,262	1,159,909	1,051,518	4,446,936
2001	1,079,787	1,129,578	1,091,324	923,632	4,224,321
2002	1,042,844	1,115,788	1,170,113	1,030,106	4,358,851
2003	1,049,338	1,168,919	1,234,881	1,078,150	4,531,289
2004	1,138,607	1,252,707	1,318,363	1,183,283	4,892,960
2005	1,279,704	1,304,549	1,452,425	1,276,603	5,313,281
2006	1,300,840	1,410,404	1,496,473	1,342,409	5,550,125
2007	1,323,255	1,434,445	1,491,746	1,333,085	5,582,530
2008	1,347,836	1,251,941	1,202,383	1,099,733	4,901,893
2009	1,106,530	1,232,085	1,253,208	1,080,178	4,672,001
2010	1,118,852	1,261,393	1,351,315	1,225,792	4,957,352
2011	1,241,338	1,297,685	1,335,712	1,252,556	5,127,291
2012	1,301,730	1,368,575	1,389,278	1,343,442	5,403,025
2013	1,356,149	1,399,913	1,392,557	1,256,681	5,405,300
2014	1,318,882	1,402,026	1,424,360	1,340,791	5,486,059
2015	1,371,980	1,513,399	1,483,636	1,413,124	5,782,140
2016	1,427,670	1,532,889	1,542,019	1,466,202	5,968,779
2017	1,451,371	1,617,920	1,621,643	1,548,814	6,239,748
2018	1,614,588	1,752,412	1,719,849	1,649,887	6,736,736
2019	1,682,020	1,915,973	1,887,558	1,768,255	7,253,806
2020	1,483,458	31,468	61,456	489,307	2,065,689
2021	839,458	1,897,256	2,087,355	1,832,710	6,656,779
2022 2/	1,840,316	2,243,890	2,188,828	1,974,071	8,247,105
Percentage Change from the Same Period in Previous Year					
1991	-10.3	-5.0	-2.1	-5.9	-5.7
1992	-1.0	-9.9	-13.4	-1.1	-6.8
1993	-2.5	-6.1	-7.0	-7.7	-5.9
1994	4.1	6.9	8.8	7.4	6.8
1995	0.4	-1.0	-3.3	-3.3	-1.8
1996	2.3	3.7	3.8	-4.6	1.4
1997	-1.0	-1.0	3.0	10.0	2.5
1998	2.2	7.1	1.9	1.6	3.2
1999	5.0	2.2	8.8	8.1	6.0
2000	4.7	10.1	2.5	0.8	4.5
2001	0.9	-3.1	-5.9	-12.2	-5.0
2002	-3.4	-1.2	7.2	11.5	3.2
2003	0.6	4.8	5.5	4.7	4.0
2004	8.5	7.2	6.8	9.8	8.0
2005	12.4	4.1	10.2	7.9	8.6
2006	1.7	8.1	3.0	5.2	4.5
2007	1.7	1.7	-0.3	-0.7	0.6
2008	1.9	-12.7	-19.4	-17.5	-12.2
2009	-17.9	-1.6	4.2	-1.8	-4.7
2010	1.1	2.4	7.8	13.5	6.1
2011	10.9	2.9	-1.2	2.2	3.4
2012	4.9	5.5	4.0	7.3	5.4
2013	4.2	2.3	0.2	-6.5	0.0
2014	-2.7	0.2	2.3	6.7	1.5
2015	4.0	7.9	4.2	5.4	5.4
2016	4.1	1.3	3.9	3.8	3.2
2017	1.7	5.5	5.2	5.6	4.5
2018	11.2	8.3	6.1	6.5	8.0
2019	4.2	9.3	9.8	7.2	7.7
2020	-11.8	-98.4	-96.7	-72.3	-71.5
2021	-43.4	5,929.2	3,296.5	274.6	222.3
2022 2/	119.2	18.3	4.9	7.7	23.9

1/ Staying overnight or longer.
2/ 2022 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-4. INTERNATIONAL VISITOR ARRIVALS - BY AIR

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
In Thousands of Persons 1/					
1990	615,716	555,123	651,442	586,088	2,408,370
1991	514,875	570,664	719,901	644,512	2,449,952
1992	690,895	640,631	715,970	634,228	2,681,724
1993	648,801	570,294	667,577	614,264	2,500,936
1994	662,159	556,304	689,040	643,891	2,551,395
1995	651,701	624,666	809,124	717,794	2,803,285
1996	751,361	662,087	793,360	722,221	2,929,028
1997	751,535	650,201	777,200	691,402	2,870,337
1998	695,273	581,881	684,262	620,234	2,581,650
1999	667,006	557,736	667,605	593,069	2,485,416
2000	650,675	574,171	658,792	618,021	2,501,659
2001	635,301	544,413	555,725	344,030	2,079,468
2002	494,792	467,241	524,126	544,049	2,030,208
2003	513,540	332,444	484,249	518,917	1,849,150
2004	500,606	459,881	534,576	524,071	2,019,134
2005	541,447	482,497	543,476	535,873	2,103,293
2006	536,027	455,141	495,615	491,198	1,977,981
2007	503,272	422,164	510,973	477,881	1,914,290
2008	493,680	416,438	468,045	433,380	1,811,543
2009	462,327	362,996	462,150	460,974	1,748,447
2010	519,555	435,499	505,633	498,855	1,959,542
2011	540,107	426,520	537,121	543,358	2,047,106
2012	632,261	542,295	653,256	636,306	2,464,118
2013	666,722	574,979	684,896	671,577	2,598,174
2014	709,751	609,733	696,279	694,520	2,710,283
2015	725,882	632,407	713,401	709,188	2,780,878
2016	745,736	649,978	723,791	733,518	2,853,023
2017	782,016	700,092	777,838	777,919	3,037,865
2018	813,514	705,304	764,423	741,471	3,024,712
2019	805,085	691,068	752,111	741,095	2,989,359
2020	600,500	1,263	2,883	7,738	612,384
2021	7,589	8,658	19,801	84,933	120,981
2022 2/	136,269	181,676	251,819	335,566	905,330
Percentage Change from the Same Period in Previous Year					
1991	-16.4	2.8	10.5	10.0	1.7
1992	34.2	12.3	-0.5	-1.6	9.5
1993	-6.1	-11.0	-6.8	-3.1	-6.7
1994	2.1	-2.5	3.2	4.8	2.0
1995	-1.6	12.3	17.4	11.5	9.9
1996	15.3	6.0	-1.9	0.6	4.5
1997	0.0	-1.8	-2.0	-4.3	-2.0
1998	-7.5	-10.5	-12.0	-10.3	-10.1
1999	-4.1	-4.1	-2.4	-4.4	-3.7
2000	-2.4	2.9	-1.3	4.2	0.7
2001	-2.4	-5.2	-15.6	-44.3	-16.9
2002	-22.1	-14.2	-5.7	58.1	-2.4
2003	3.8	-28.8	-7.6	-4.6	-8.9
2004	-2.5	38.3	10.4	1.0	9.2
2005	8.2	4.9	1.7	2.3	4.2
2006	-1.0	-5.7	-8.8	-8.3	-6.0
2007	-6.1	-7.2	3.1	-2.7	-3.2
2008	-1.9	-1.4	-8.4	-9.3	-5.4
2009	-6.4	-12.8	-1.3	6.4	-3.5
2010	12.4	20.0	9.4	8.2	12.1
2011	4.0	-2.1	6.2	8.9	4.5
2012	17.1	27.1	21.6	17.1	20.4
2013	5.5	6.0	4.8	5.5	5.4
2014	6.5	6.0	1.7	3.4	4.3
2015	2.3	3.7	2.5	2.1	2.6
2016	2.7	2.8	1.5	3.4	2.6
2017	4.9	7.7	7.5	6.1	6.5
2018	4.0	0.7	-1.7	-4.7	-0.4
2019	-1.0	-2.0	-1.6	-0.1	-1.2
2020	-25.4	-99.8	-99.6	-99.0	-79.5
2021	-98.7	585.5	586.8	997.6	-80.2
2022 2/	1,695.6	1,998.4	1,171.7	295.1	648.3

1/ Staying overnight or longer.
2/ 2022 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-5. VISITOR ARRIVALS - US WEST

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1989	466,373	541,491	577,419	540,178	2,125,460
1990	487,785	606,791	607,149	517,923	2,219,649
1991	432,094	588,140	673,083	532,521	2,225,838
1992	436,504	533,627	546,112	518,267	2,034,510
1993	449,967	505,363	493,791	460,690	1,909,811
1994	448,497	529,366	558,888	512,590	2,049,341
1995	453,939	528,594	560,206	492,591	2,035,329
1996	469,927	556,051	567,063	472,107	2,065,147
1997	438,959	539,591	574,317	518,555	2,071,423
1998	458,681	576,202	578,160	512,950	2,125,993
1999	492,934	595,307	649,293	571,304	2,308,838
2000	519,103	654,522	678,186	580,633	2,432,444
2001	536,370	645,139	649,202	541,359	2,372,070
2002	547,569	657,698	700,803	580,845	2,486,914
2003	543,030	696,887	751,194	618,751	2,609,862
2004	583,594	725,192	782,123	677,095	2,768,002
2005	662,916	760,780	867,512	741,284	3,032,492
2006	670,186	840,421	908,762	800,579	3,219,948
2007	717,131	843,873	894,178	789,525	3,244,707
2008	724,869	714,537	699,783	630,040	2,769,229
2009	595,438	731,767	756,228	635,384	2,718,818
2010	614,182	764,670	812,901	732,677	2,924,430
2011	667,394	787,267	799,648	740,423	2,994,731
2012	705,974	820,085	835,317	817,448	3,178,824
2013	765,146	859,294	825,826	761,163	3,211,429
2014	719,236	852,161	859,704	824,374	3,255,475
2015	793,786	934,257	904,188	875,421	3,507,652
2016	836,582	961,253	947,261	919,053	3,664,150
2017	857,363	1,019,889	1,002,550	988,393	3,868,195
2018	956,778	1,102,820	1,072,606	1,071,690	4,203,894
2019	1,028,938	1,229,375	1,189,235	1,147,771	4,595,319
2020	911,800	20,038	36,159	343,180	1,311,176
2021	573,188	1,292,160	1,386,340	1,221,900	4,473,588
2022 2/	1,156,009	1,467,226	1,390,283	1,273,307	5,286,825
Percentage Change from the Same Period in Previous Year					
1990	4.6	12.1	5.1	-4.1	4.4
1991	-11.4	-3.1	10.9	2.8	0.3
1992	1.0	-9.3	-18.9	-2.7	-8.6
1993	3.1	-5.3	-9.6	-11.1	-6.1
1994	-0.3	4.7	13.2	11.3	7.3
1995	1.2	-0.1	0.2	-3.9	-0.7
1996	3.5	5.2	1.2	-4.2	1.5
1997	-6.6	-3.0	1.3	9.8	0.3
1998	4.5	6.8	0.7	-1.1	2.6
1999	7.5	3.3	12.3	11.4	8.6
2000	5.3	9.9	4.4	1.6	5.4
2001	3.3	-1.4	-4.3	-6.8	-2.5
2002	2.1	1.9	7.9	7.3	4.8
2003	-0.8	6.0	7.2	6.5	4.9
2004	7.5	4.1	4.1	9.4	6.1
2005	13.6	4.9	10.9	9.5	9.6
2006	1.1	10.5	4.8	8.0	6.2
2007	7.0	0.4	-1.6	-1.4	0.8
2008	1.1	-15.3	-21.7	-20.2	-14.7
2009	-17.9	2.4	8.1	0.8	-1.8
2010	3.1	4.5	7.5	15.3	7.6
2011	8.7	3.0	-1.6	1.1	2.4
2012	5.8	4.2	4.5	10.4	6.1
2013	8.4	4.8	-1.1	-6.9	1.0
2014	-6.0	-0.8	4.1	8.3	1.4
2015	10.4	9.6	5.2	6.2	7.7
2016	5.4	2.9	4.8	5.0	4.5
2017	2.5	6.1	5.8	7.5	5.6
2018	11.6	8.1	7.0	8.4	8.7
2019	7.5	11.5	10.9	7.1	9.3
2020	-11.4	-98.4	-97.0	-70.1	-71.5
2021	-37.1	6,348.7	3,734.0	256.1	241.2
2022 2/	101.7	13.5	0.3	4.2	18.2

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

Table D-6. VISITOR ARRIVALS - US EAST

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1989	596,938	510,969	482,240	469,476	2,059,623
1990	525,001	500,153	484,219	425,623	1,934,996
1991	472,752	499,120	485,440	433,816	1,891,128
1992	430,347	411,722	392,717	378,467	1,613,254
1993	431,203	345,339	326,984	316,080	1,419,605
1994	441,419	349,537	323,737	346,401	1,461,094
1995	417,332	340,176	346,984	353,115	1,457,608
1996	445,277	384,365	364,485	329,390	1,523,516
1997	411,704	342,756	337,163	352,723	1,444,346
1998	412,354	388,260	357,111	350,973	1,508,698
1999	452,146	394,559	372,747	381,785	1,601,238
2000	471,596	431,367	413,329	396,419	1,712,711
2001	475,569	420,960	363,767	327,868	1,588,164
2002	439,218	408,506	378,364	356,475	1,582,563
2003	439,470	416,640	417,243	380,003	1,653,356
2004	485,487	456,446	451,175	412,269	1,805,377
2005	534,048	474,085	488,325	432,836	1,929,294
2006	544,446	491,385	483,280	434,205	1,953,316
2007	510,399	501,066	479,856	410,181	1,901,502
2008	498,365	443,513	392,388	348,846	1,683,112
2009	412,539	415,079	395,517	338,334	1,561,468
2010	408,812	416,228	416,499	368,882	1,610,421
2011	445,330	412,478	409,962	374,509	1,642,279
2012	456,121	439,283	421,446	382,774	1,699,625
2013	458,123	441,287	433,683	368,760	1,701,852
2014	462,762	441,280	424,253	384,790	1,713,085
2015	470,119	473,975	439,892	419,683	1,803,670
2016	507,436	476,405	468,882	440,044	1,892,768
2017	523,877	532,738	508,803	475,376	2,040,795
2018	573,917	566,329	544,049	489,163	2,173,458
2019	587,678	598,683	576,341	513,818	2,276,520
2020	513,500	9,947	21,271	131,432	676,150
2021	247,955	562,671	641,958	542,727	1,995,311
2022 2/	604,008	660,696	637,366	571,236	2,473,306
Percentage Change from the Same Period in Previous Year					
1990	-12.1	-2.1	0.4	-9.3	-6.1
1991	-10.0	-0.2	0.3	1.9	-2.3
1992	-9.0	-17.5	-19.1	-12.8	-14.7
1993	0.2	-16.1	-16.7	-16.5	-12.0
1994	2.4	1.2	-1.0	9.6	2.9
1995	-5.5	-2.7	7.2	1.9	-0.2
1996	6.7	13.0	5.0	-6.7	4.5
1997	-7.5	-10.8	-7.5	7.1	-5.2
1998	0.2	13.3	5.9	-0.5	4.5
1999	9.7	1.6	4.4	8.8	6.1
2000	4.3	9.3	10.9	3.8	7.0
2001	0.8	-2.4	-12.0	-17.3	-7.3
2002	-7.6	-3.0	4.0	8.7	-0.4
2003	0.1	2.0	10.3	6.6	4.5
2004	10.5	9.6	8.1	8.5	9.2
2005	10.0	3.9	8.2	5.0	6.9
2006	1.9	3.6	-1.0	0.3	1.2
2007	-6.3	2.0	-0.7	-5.5	-2.7
2008	-2.4	-11.5	-18.2	-15.0	-11.5
2009	-17.2	-6.4	0.8	-3.0	-7.2
2010	-0.9	0.3	5.3	9.0	3.1
2011	8.9	-0.9	-1.6	1.5	2.0
2012	2.4	6.5	2.8	2.2	3.5
2013	0.4	0.5	2.9	-3.7	0.1
2014	1.0	0.0	-2.2	4.3	0.7
2015	1.6	7.4	3.7	9.1	5.3
2016	7.9	0.5	6.6	4.9	4.9
2017	3.2	11.8	8.5	8.0	7.8
2017	9.6	6.3	6.9	2.9	6.5
2018	2.4	5.7	5.9	5.0	4.7
2019	-12.6	-98.3	-96.3	-74.4	-70.3
2020	-51.7	5,556.6	2,917.9	312.9	195.1
2022 2/	143.6	17.4	-0.7	5.3	24.0

1/ Staying overnight or longer.
2/ 2022 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-7. VISITOR ARRIVALS - JAPAN

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1989	345,803	307,901	380,100	326,446	1,360,249
1990	390,807	324,293	395,050	382,636	1,492,786
1991	286,006	321,777	442,532	388,269	1,438,585
1992	463,344	390,581	455,710	396,225	1,705,860
1993	380,443	368,229	473,076	444,527	1,666,275
1994	435,663	406,760	526,962	449,948	1,819,332
1995	463,858	472,995	591,904	519,654	2,048,411
1996	544,749	475,377	598,843	527,915	2,146,883
1997	560,956	497,754	626,863	531,317	2,216,890
1998	535,149	451,371	556,731	461,103	2,004,354
1999	468,374	412,403	526,292	418,518	1,825,587
2000	460,862	423,728	485,885	447,169	1,817,644
2001	452,715	413,455	434,059	228,334	1,528,563
2002	337,213	337,633	397,114	411,162	1,483,121
2003	353,386	224,748	363,338	398,561	1,340,033
2004	342,945	340,511	407,119	391,511	1,482,085
2005	386,239	347,289	403,439	380,472	1,517,439
2006	347,786	304,752	368,279	342,059	1,362,876
2007	314,009	282,784	373,081	326,549	1,296,423
2008	305,544	266,296	319,743	283,615	1,175,198
2009	297,070	235,161	330,311	305,538	1,168,080
2010	301,472	278,736	353,494	305,604	1,239,307
2011	304,221	241,751	372,293	323,540	1,241,805
2012	345,895	317,323	424,351	378,085	1,465,654
2013	375,544	325,479	427,726	389,768	1,518,517
2014	376,652	326,713	425,446	382,929	1,511,739
2015	354,237	327,688	420,938	379,440	1,482,304
2016	357,534	332,189	411,177	387,080	1,487,979
2017	376,884	341,870	435,119	371,471	1,525,343
2018	364,454	337,796	413,555	373,974	1,489,778
2019	374,929	359,306	439,242	402,728	1,576,205
2020	286,250	78	473	2,336	289,137
2021	2,741	3,524	6,204	6,467	18,936
2022 2/	9,068	25,856	75,609	89,226	199,760
Percentage Change from the Same Period in Previous Year					
1990	13.0	5.3	3.9	17.2	9.7
1991	-26.8	-0.8	12.0	1.5	-3.6
1992	62.0	21.4	3.0	2.0	18.6
1993	-17.9	-5.7	3.8	12.2	-2.3
1994	14.5	10.5	11.4	1.2	9.2
1995	6.5	16.3	12.3	15.5	12.6
1996	17.4	0.5	1.2	1.6	4.8
1997	3.0	4.7	4.7	0.6	3.3
1998	-4.6	-9.3	-11.2	-13.2	-9.6
1999	-12.5	-8.6	-5.5	-9.2	-8.9
2000	-1.6	2.7	-7.7	6.8	-0.4
2001	-1.8	-2.4	-10.7	-48.9	-15.9
2002	-25.5	-18.3	-8.5	80.1	-3.0
2003	4.8	-33.4	-8.5	-3.1	-9.6
2004	-3.0	51.5	12.0	-1.8	10.6
2005	12.6	2.0	-0.9	-2.8	2.4
2006	-10.0	-12.2	-8.7	-10.1	-10.2
2007	-9.7	-7.2	1.3	-4.5	-4.9
2008	-2.7	-5.8	-14.3	-13.1	-9.4
2009	-2.8	-11.7	3.3	7.7	-0.6
2010	1.5	18.5	7.0	0.0	6.1
2011	0.9	-13.3	5.3	5.9	0.2
2012	13.7	31.3	14.0	16.9	18.0
2013	8.6	2.6	0.8	3.1	3.6
2014	0.3	0.4	-0.5	-1.8	-0.4
2015	-6.0	0.3	-1.1	-0.9	-1.9
2016	0.9	1.4	-2.3	2.0	0.4
2017	5.4	2.9	5.8	-4.0	2.5
2018	-3.3	-1.2	-5.0	0.7	-2.3
2019	2.9	6.4	6.2	7.7	5.8
2020	-23.7	-100.0	-99.9	-99.4	-81.7
2021	-99.0	4,403.6	1,211.2	176.9	-93.5
2022 2/	230.9	633.7	1,118.7	1,279.6	954.9

1/ Staying overnight or longer.
2/ 2022 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-8. AVERAGE DAILY VISITOR CENSUS - TOTAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	153,433	154,837	164,211	145,565	154,517
1991	133,709	148,630	164,788	141,881	147,323
1992	151,630	151,089	157,684	148,571	152,249
1993	152,152	143,526	151,195	143,177	147,498
1994	158,799	150,606	163,160	153,936	156,630
1995	156,122	152,567	165,953	153,680	157,098
1996	162,055	157,296	166,586	147,280	158,297
1997	159,456	152,281	165,342	151,665	157,187
1998	168,313	148,818	158,423	154,146	157,389
1999	174,588	151,621	169,672	161,956	164,439
2000	175,797	164,816	171,435	162,537	168,637
2001	176,954	159,596	162,674	134,185	158,247
2002	162,745	153,178	167,584	157,250	160,195
2003	163,475	150,775	171,357	158,528	161,048
2004	171,479	164,897	180,936	168,540	171,481
2005	192,126	172,635	196,484	180,542	185,445
2006	198,665	180,356	195,968	182,876	189,441
2007	193,365	184,702	195,509	184,106	189,412
2008	196,032	166,503	167,502	160,101	172,487
2009	169,946	161,808	169,752	158,893	165,082
2010	177,714	169,223	186,931	177,829	177,949
2011	196,827	173,967	186,064	186,549	185,824
2012	210,680	191,073	201,523	201,785	201,267
2013	216,218	194,526	205,127	195,832	202,876
2014	217,477	198,049	204,784	204,713	206,217
2015	224,128	208,378	212,094	211,299	213,934
2016	226,150	210,576	217,543	216,446	217,675
2017	235,110	224,262	228,534	228,427	229,063
2018	252,318	238,325	238,258	232,703	240,341
2019	251,520	244,561	247,924	239,040	245,733
2020	212,108	9,758	20,469	70,042	77,915
2021	103,398	199,230	210,829	200,872	178,938
2022 2/	212,568	240,481	242,647	233,211	232,312
Percentage Change from the Same Period in Previous Year					
1991	-12.9	-4.0	0.4	-2.5	-4.7
1992	13.4	1.7	-4.3	4.7	3.3
1993	0.3	-5.0	-4.1	-3.6	-3.1
1994	4.4	4.9	7.9	7.5	6.2
1995	-1.7	1.3	1.7	-0.2	0.3
1996	3.8	3.1	0.4	-4.2	0.8
1997	-1.6	-3.2	-0.7	3.0	-0.7
1998	5.6	-2.3	-4.2	1.6	0.1
1999	3.7	1.9	7.1	5.1	4.5
2000	0.7	8.7	1.0	0.4	2.6
2001	0.7	-3.2	-5.1	-17.4	-6.2
2002	-8.0	-4.0	3.0	17.2	1.2
2003	0.4	-1.6	2.3	0.8	0.5
2004	4.9	9.4	5.6	6.3	6.5
2005	12.0	4.7	8.6	7.1	8.1
2006	3.4	4.5	-0.3	1.3	2.2
2007	-2.7	2.4	-0.2	0.7	0.0
2008	1.4	-9.9	-14.3	-13.0	-8.9
2009	-13.3	-2.8	1.3	-0.8	-4.3
2010	4.6	4.6	10.1	11.9	7.8
2011	10.8	2.8	-0.5	4.9	4.4
2012	7.0	9.8	8.3	8.2	8.3
2013	2.6	1.8	1.8	-3.0	0.8
2014	0.6	1.8	-0.2	4.5	1.6
2015	3.1	5.2	3.6	3.2	3.7
2016	0.9	1.1	2.6	2.4	1.7
2017	4.0	6.5	5.1	5.5	5.2
2018	7.3	6.3	4.3	1.9	4.9
2019	-0.3	2.6	4.1	2.7	2.2
2020	-15.7	-96.0	-91.7	-70.7	-68.3
2021	-51.3	1,941.8	930.0	186.8	129.7
2022 2/	105.6	20.7	15.1	16.1	35.2

1/ Staying overnight or longer.
2/ 2022 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-9. AVERAGE DAILY VISITOR CENSUS - DOMESTIC

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	110,456	116,515	119,729	105,546	113,066
1991	98,222	109,730	116,248	98,425	105,686
1992	104,319	107,219	109,188	105,612	106,589
1993	102,631	100,476	101,349	97,312	100,430
1994	107,513	107,992	110,953	105,149	107,904
1995	107,614	106,582	107,037	101,414	105,649
1996	108,516	110,119	110,669	96,377	106,404
1997	107,247	107,608	112,524	104,678	108,019
1998	117,377	110,319	111,721	108,952	112,068
1999	120,018	112,905	121,730	117,326	117,998
2000	124,638	125,173	126,075	117,911	123,442
2001	126,606	120,781	119,887	105,365	118,106
2002	122,622	119,430	126,274	115,809	121,029
2003	118,886	123,760	131,942	118,874	123,389
2004	128,237	131,766	140,130	129,234	132,355
2005	146,732	137,683	153,816	139,332	144,396
2006	149,596	147,415	156,511	144,638	149,545
2007	149,663	150,976	156,793	146,380	150,960
2008	152,981	134,204	129,701	124,250	135,239
2009	130,386	130,589	133,326	122,142	129,100
2010	131,507	133,002	144,558	136,417	136,407
2011	146,802	138,108	143,099	140,159	142,027
2012	151,796	146,486	148,332	148,940	148,887
2013	156,744	148,513	149,990	141,761	149,213
2014	154,902	149,363	151,815	148,289	151,076
2015	158,420	157,721	154,700	153,335	156,026
2016	158,576	158,125	158,635	156,484	157,953
2017	162,699	166,207	165,431	162,740	164,273
2018	176,689	178,577	174,031	169,234	174,611
2019	178,065	188,140	184,744	178,173	182,288
2020	157,883	9,581	19,995	68,657	63,921
2021	101,408	197,587	207,587	187,703	173,901
2022 2/	191,813	220,925	215,359	198,009	206,568
Percentage Change from the Same Period in Previous Year					
1991	-11.1	-5.8	-2.9	-6.7	-6.5
1992	6.2	-2.3	-6.1	7.3	0.9
1993	-1.6	-6.3	-7.2	-7.9	-5.8
1994	4.8	7.5	9.5	8.1	7.4
1995	0.1	-1.3	-3.5	-3.6	-2.1
1996	0.8	3.3	3.4	-5.0	0.7
1997	-1.2	-2.3	1.7	8.6	1.5
1998	9.4	2.5	-0.7	4.1	3.7
1999	2.3	2.3	9.0	7.7	5.3
2000	3.8	10.9	3.6	0.5	4.6
2001	1.6	-3.5	-4.9	-10.6	-4.3
2002	-3.1	-1.1	5.3	9.9	2.5
2003	-3.0	3.6	4.5	2.6	1.9
2004	7.9	6.5	6.2	8.7	7.3
2005	14.4	4.5	9.8	7.8	9.1
2006	2.0	7.1	1.8	3.8	3.6
2007	0.0	2.4	0.2	1.2	0.9
2008	2.2	-11.1	-17.3	-15.1	-10.4
2009	-14.8	-2.7	2.8	-1.7	-4.5
2010	0.9	1.8	8.4	11.7	5.7
2011	11.6	3.8	-1.0	2.7	4.1
2012	3.4	6.1	3.7	6.3	4.8
2013	3.3	1.4	1.1	-4.8	0.2
2014	-1.2	0.6	1.2	4.6	1.2
2015	2.3	5.6	1.9	3.4	3.3
2016	0.1	0.3	2.5	2.1	1.2
2017	2.6	5.1	4.3	4.0	4.0
2018	8.6	7.4	5.2	4.0	6.3
2019	0.8	5.4	6.2	5.3	4.4
2020	-11.3	-94.9	-89.2	-61.5	-64.9
2021	-35.8	1,962.3	938.2	173.4	172.1
2022 2/	89.1	11.8	3.7	5.5	18.8

1/ Staying overnight or longer.
2/ 2022 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-10. AVERAGE DAILY VISITOR CENSUS - INTERNATIONAL

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
In Persons 1/					
1990	42,977	38,322	44,482	40,020	41,450
1991	35,487	38,900	48,540	43,457	41,637
1992	47,312	43,870	48,496	42,959	45,660
1993	49,520	43,050	49,846	45,865	47,068
1994	51,285	42,613	52,207	48,786	48,726
1995	48,508	45,985	58,916	52,266	51,450
1996	53,539	47,177	55,917	50,903	51,892
1997	52,209	44,673	52,819	46,988	49,168
1998	50,936	38,499	46,701	45,193	45,320
1999	54,570	38,716	47,942	44,630	46,441
2000	51,158	39,642	45,360	44,626	45,196
2001	50,348	38,816	42,787	28,821	40,141
2002	40,124	33,749	41,310	41,441	39,165
2003	44,588	27,016	39,415	39,654	37,659
2004	43,242	33,132	40,806	39,306	39,126
2005	45,394	34,952	42,667	41,209	41,049
2006	49,069	32,942	39,457	38,238	39,895
2007	43,701	33,726	38,716	37,727	38,452
2008	43,051	32,299	37,801	35,851	37,248
2009	39,561	31,219	36,426	36,751	35,983
2010	46,207	36,221	42,373	41,412	41,542
2011	50,025	35,858	42,965	46,391	43,797
2012	58,884	44,587	53,191	52,845	52,380
2013	59,474	46,013	55,138	54,072	53,663
2014	62,576	48,687	52,969	56,424	55,141
2015	65,709	50,657	57,394	57,963	57,908
2016	67,575	52,452	58,908	59,962	59,723
2017	72,411	58,055	63,103	65,687	64,791
2018	75,629	59,749	64,227	63,469	65,731
2019	73,454	56,420	63,180	60,866	63,445
2020	54,225	177	474	1,385	13,993
2021	1,990	1,643	3,241	13,170	5,037
2022 2/	20,755	19,556	27,288	35,203	25,744
Percentage Change from the Same Period in Previous Year					
1991	-17.4	1.5	9.1	8.6	0.5
1992	33.3	12.8	-0.1	-1.1	9.7
1993	4.7	-1.9	2.8	6.8	3.1
1994	3.6	-1.0	4.7	6.4	3.5
1995	-5.4	7.9	12.9	7.1	5.6
1996	10.4	2.6	-5.1	-2.6	0.9
1997	-2.5	-5.3	-5.5	-7.7	-5.2
1998	-2.4	-13.8	-11.6	-3.8	-7.8
1999	7.1	0.6	2.7	-1.2	2.5
2000	-6.3	2.4	-5.4	0.0	-2.7
2001	-1.6	-2.1	-5.7	-35.4	-11.2
2002	-20.3	-13.1	-3.5	43.8	-2.4
2003	11.1	-20.0	-4.6	-4.3	-3.8
2004	-3.0	22.6	3.5	-0.9	3.9
2005	5.0	5.5	4.6	4.8	4.9
2006	8.1	-5.8	-7.5	-7.2	-2.8
2007	-10.9	2.4	-1.9	-1.3	-3.6
2008	-1.5	-4.2	-2.4	-5.0	-3.1
2009	-8.1	-3.3	-3.6	2.5	-3.4
2010	16.8	16.0	16.3	12.7	15.4
2011	8.3	-1.0	1.4	12.0	5.4
2012	17.7	24.3	23.8	13.9	19.6
2013	1.0	3.2	3.7	2.3	2.4
2014	5.2	5.8	-3.9	4.4	2.8
2015	5.0	4.0	8.4	2.7	5.0
2016	2.8	3.5	2.6	3.4	3.1
2017	7.2	10.7	7.1	9.5	8.5
2018	4.4	2.9	1.8	-3.4	1.5
2019	-2.9	-5.6	-1.6	-4.1	-3.5
2020	-26.2	-99.7	-99.2	-97.7	-77.9
2021	-96.3	829.3	583.9	851.1	-64.0
2022 2/	943.1	1,090.4	741.8	167.3	411.1

1/ Staying overnight or longer.
2/ 2022 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-11. VISITOR EXPENDITURES - BY AIR

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Thousands of Dollars 1/					
2003	2,468,001	2,202,398	2,594,522	2,579,493	9,844,414
2004	2,576,737	2,539,741	2,797,349	2,733,780	10,647,607
2005	2,820,132	2,673,379	3,158,543	2,998,127	11,650,180
2006	2,985,757	2,930,702	3,249,653	3,076,637	12,242,749
2007	3,114,704	3,015,353	3,280,691	3,167,506	12,578,254
2008	3,122,489	2,734,083	2,750,330	2,574,917	11,181,819
2009	2,567,984	2,326,803	2,450,464	2,449,038	9,794,289
2010	2,602,527	2,490,022	2,965,132	2,908,917	10,966,599
2011	3,110,565	2,740,109	3,063,151	3,133,576	12,047,402
2012	3,582,915	3,301,831	3,649,045	3,658,884	14,192,674
2013	3,795,826	3,367,871	3,644,906	3,543,838	14,352,441
2014	3,834,305	3,458,693	3,727,646	3,787,975	14,808,619
2015	3,819,968	3,630,552	3,718,208	3,769,772	14,938,499
2016	3,949,273	3,755,694	4,001,262	4,047,234	15,753,463
2017	4,252,251	3,971,023	4,186,748	4,212,316	16,622,337
2018	4,578,125	4,372,640	4,345,139	4,168,477	17,464,381
2019	4,481,063	4,347,732	4,433,427	4,395,474	17,657,697
2020	3,914,750	(NA)	(NA)	(NA)	(NA)
2021	1,576,807	3,502,336	4,020,670	4,027,171	13,126,984
2022 2/	4,227,973	4,987,588	5,119,827	4,916,394	19,251,781
Percentage Change from the Same Period in Previous Year					
2004	4.4	15.3	7.8	6.0	8.2
2005	9.4	5.3	12.9	9.7	9.4
2006	5.9	9.6	2.9	2.6	5.1
2007	4.3	2.9	1.0	3.0	2.7
2008	0.2	-9.3	-16.2	-18.7	-11.1
2009	-17.8	-14.9	-10.9	-4.9	-12.4
2010	1.3	7.0	21.0	18.8	12.0
2011	19.5	10.0	3.3	7.7	9.9
2012	15.2	20.5	19.1	16.8	17.8
2013	5.9	2.0	-0.1	-3.1	1.1
2014	1.0	2.7	2.3	6.9	3.2
2015	-0.4	5.0	-0.3	-0.5	0.9
2016	3.4	3.4	7.6	7.4	5.5
2017	7.7	5.7	4.6	4.1	5.5
2018	7.7	10.1	3.8	-1.0	5.1
2019	-2.1	-0.6	2.0	5.4	1.1
2020	-12.6	(NA)	(NA)	(NA)	(NA)
2021	-59.7	(NA)	(NA)	(NA)	(NA)
2022 2/	168.1	42.4	27.3	22.1	46.7

NA Not available.

1/ By persons arriving by air and staying overnight or longer. Excludes supplemental business expenditures.

2/ 2022 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-12. AIR SEATS OPERATED TO HAWAII - TOTAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Total Seats (Scheduled + Chartered)					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	2,192,010	1,923,953	(NA)
2002	1,995,837	2,097,859	2,304,618	2,255,438	8,653,752
2003	2,225,300	2,087,538	2,339,117	2,224,956	8,876,911
2004	2,328,139	2,329,177	2,506,098	2,468,236	9,631,650
2005	2,571,187	2,617,980	2,642,047	2,477,098	10,308,312
2006	2,556,265	2,630,440	2,771,804	2,634,993	10,593,502
2007	2,629,341	2,591,214	2,653,122	2,530,151	10,403,828
2008	2,636,838	2,246,199	2,277,991	2,182,465	9,343,493
2009	2,154,749	2,235,548	2,263,754	2,132,670	8,786,721
2010	2,260,814	2,327,445	2,415,229	2,296,425	9,299,913
2011	2,354,347	2,326,988	2,395,944	2,315,012	9,392,291
2012	2,462,035	2,444,549	2,698,831	2,603,801	10,209,216
2013	2,732,243	2,681,677	2,797,923	2,679,977	10,891,820
2014	2,776,672	2,753,598	2,916,059	2,816,614	11,262,943
2015	2,934,730	3,000,731	3,053,829	2,923,561	11,912,851
2016	3,039,564	3,002,704	3,054,914	2,926,487	12,023,669
2017	2,987,920	3,016,375	3,161,450	3,069,863	12,235,608
2018	3,302,061	3,316,439	3,381,932	3,238,743	13,239,175
2019	3,257,433	3,412,897	3,453,357	3,389,198	13,512,885
2020	3,252,800	304,308	497,920	1,263,639	5,318,667
2021	1,791,410	2,551,923	3,288,233	3,103,518	10,735,084
2022	3,137,184	3,174,918	3,258,168	3,175,360	12,745,630
Scheduled Seats					
1999	2,166,977	2,076,688	2,241,009	2,251,245	8,735,919
2000	2,312,601	2,279,033	2,364,292	2,359,088	9,315,014
2001	2,297,909	2,132,015	2,113,464	1,867,016	8,410,404
2002	1,906,555	1,995,969	2,200,970	2,148,812	8,252,306
2003	2,161,729	2,016,915	2,257,507	2,121,619	8,557,770
2004	2,259,346	2,264,991	2,418,798	2,374,110	9,317,245
2005	2,496,267	2,564,740	2,577,441	2,385,158	10,023,606
2006	2,482,495	2,580,060	2,717,404	2,581,093	10,361,052
2007	2,561,381	2,545,294	2,595,892	2,488,131	10,190,698
2008	2,572,018	2,210,759	2,237,211	2,142,025	9,162,013
2009	2,126,021	2,210,420	2,238,295	2,102,037	8,676,773
2010	2,227,202	2,308,181	2,387,334	2,267,523	9,190,240
2011	2,326,688	2,303,612	2,364,133	2,281,389	9,275,822
2012	2,428,801	2,419,371	2,663,651	2,578,570	10,090,393
2013	2,691,176	2,653,037	2,765,575	2,653,936	10,763,724
2014	2,755,562	2,739,228	2,883,402	2,792,540	11,170,732
2015	2,919,243	2,985,730	3,027,796	2,898,871	11,831,640
2016	3,012,671	2,982,390	3,027,523	2,907,169	11,929,753
2017	2,966,915	2,996,155	3,140,541	3,046,928	12,150,539
2018	3,282,207	3,289,905	3,353,071	3,213,319	13,138,502
2019	3,238,886	3,383,887	3,430,943	3,363,984	13,417,700
2020	3,222,541	296,632	493,491	1,254,672	5,267,336
2021	1,785,543	2,537,273	3,266,774	3,095,564	10,685,154
2022	3,132,470	3,166,861	3,254,015	3,169,022	12,722,368
Chartered Seats					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	78,546	56,937	(NA)
2002	89,282	101,890	103,648	106,626	401,446
2003	63,571	70,623	81,610	103,337	319,141
2004	68,793	64,186	87,300	94,126	314,405
2005	74,920	53,240	64,606	91,940	284,706
2006	73,770	50,380	54,400	53,900	232,450
2007	67,960	45,920	57,230	42,020	213,130
2008	64,820	35,440	40,780	40,440	181,480
2009	28,728	25,128	25,459	30,633	109,948
2010	33,612	19,264	27,895	28,902	109,673
2011	27,659	23,376	31,811	33,623	116,469
2012	33,234	25,178	35,180	25,231	118,823
2013	41,067	28,640	32,348	26,041	128,096
2014	21,110	14,370	32,657	24,074	92,211
2015	15,487	15,001	26,033	24,690	81,211
2016	26,893	20,314	27,391	19,318	93,916
2017	21,005	20,220	20,909	22,935	85,069
2018	19,854	26,534	28,861	25,424	100,673
2019	18,547	29,010	22,414	25,214	95,185
2020	30,259	7,676	4,429	8,967	51,331
2021	5,867	14,650	21,459	7,954	49,930
2022	4,714	8,057	4,153	6,338	23,262

NA Not available.

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-12. AIR SEATS OPERATED TO HAWAII - TOTAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
[Percentage change from the same period in previous year]					
Total Seats (Scheduled + Chartered) - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	5.1	17.2	(NA)
2003	11.5	-0.5	1.5	-1.4	2.6
2004	4.6	11.6	7.1	10.9	8.5
2005	10.4	12.4	5.4	0.4	7.0
2006	-0.6	0.5	4.9	6.4	2.8
2007	2.9	-1.5	-4.3	-4.0	-1.8
2008	0.3	-13.3	-14.1	-13.7	-10.2
2009	-18.3	-0.5	-0.6	-2.3	-6.0
2010	4.9	4.1	6.7	7.7	5.8
2011	4.1	0.0	-0.8	0.8	1.0
2012	4.6	5.1	12.6	12.5	8.7
2013	11.0	9.7	3.7	2.9	6.7
2014	1.6	2.7	4.2	5.1	3.4
2015	5.7	9.0	4.7	3.8	5.8
2016	3.6	0.1	0.0	0.1	0.9
2017	-1.7	0.5	3.5	4.9	1.8
2018	10.5	9.9	7.0	5.5	8.2
2019	-1.4	2.9	2.1	4.6	2.1
2020	-0.1	-91.1	-85.6	-62.7	-60.6
2021	-44.9	738.6	560.4	145.6	101.8
2022	75.1	24.4	-0.9	2.3	18.7
Scheduled Seats - in percent					
2000	6.7	9.7	5.5	4.8	6.6
2001	-0.6	-6.5	-10.6	-20.9	-9.7
2002	-17.0	-6.4	4.1	15.1	-1.9
2003	13.4	1.0	2.6	-1.3	3.7
2004	4.5	12.3	7.1	11.9	8.9
2005	10.5	13.2	6.6	0.5	7.6
2006	-0.6	0.6	5.4	8.2	3.4
2007	3.2	-1.3	-4.5	-3.6	-1.6
2008	0.4	-13.1	-13.8	-13.9	-10.1
2009	-17.3	0.0	0.0	-1.9	-5.3
2010	4.8	4.4	6.7	7.9	5.9
2011	4.5	-0.2	-1.0	0.6	0.9
2012	4.4	5.0	12.7	13.0	8.8
2013	10.8	9.7	3.8	2.9	6.7
2014	2.4	3.2	4.3	5.2	3.8
2015	5.9	9.0	5.0	3.8	5.9
2016	3.2	-0.1	0.0	0.3	0.8
2017	-1.5	0.5	3.7	4.8	1.9
2018	10.6	9.8	6.8	5.5	8.1
2019	-1.3	2.9	2.3	4.7	2.1
2020	-0.5	-91.2	-85.6	-62.7	-60.7
2021	-44.6	755.4	562.0	146.7	102.9
2022	75.4	24.8	-0.4	2.4	19.1
Chartered Seats - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	32.0	87.3	(NA)
2003	-28.8	-30.7	-21.3	-3.1	-20.5
2004	8.2	-9.1	7.0	-8.9	-1.5
2005	8.9	-17.1	-26.0	-2.3	-9.4
2006	-1.5	-5.4	-15.8	-41.4	-18.4
2007	-7.9	-8.9	5.2	-22.0	-8.3
2008	-4.6	-22.8	-28.7	-3.8	-14.9
2009	-55.7	-29.1	-37.6	-24.3	-39.4
2010	17.0	-23.3	9.6	-5.7	-0.3
2011	-17.7	21.3	14.0	16.3	6.2
2012	20.2	7.7	10.6	-25.0	2.0
2013	23.6	13.8	-8.1	3.2	7.8
2014	-48.6	-49.8	1.0	-7.6	-28.0
2015	-26.6	4.4	-20.3	2.6	-11.9
2016	73.6	35.4	5.2	-21.8	15.6
2017	-21.9	-0.5	-23.7	18.7	-9.4
2018	-5.5	31.2	38.0	10.9	18.3
2019	-6.6	9.3	-22.3	-0.8	-5.5
2020	63.1	-73.5	-80.2	-64.4	-46.1
2021	-80.6	90.9	384.5	-11.3	-2.7
2022	-19.7	-45.0	-80.6	-20.3	-53.4

NA Not available.

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-13. AIR SEATS OPERATED TO HAWAII - DOMESTIC

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Total Seats (Scheduled + Chartered)					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	1,401,305	1,283,898	(NA)
2002	1,324,661	1,406,941	1,565,011	1,497,980	5,794,593
2003	1,461,443	1,528,413	1,661,770	1,558,075	6,209,701
2004	1,654,050	1,682,217	1,773,314	1,724,617	6,834,198
2005	1,809,471	1,891,777	1,892,885	1,742,418	7,336,551
2006	1,808,635	1,958,862	2,060,688	1,898,119	7,726,304
2007	1,855,547	1,894,335	1,954,422	1,856,518	7,560,822
2008	1,949,847	1,636,823	1,657,331	1,560,743	6,804,744
2009	1,539,210	1,633,614	1,654,555	1,498,743	6,326,122
2010	1,572,490	1,718,216	1,791,648	1,659,178	6,741,532
2011	1,639,049	1,692,366	1,703,130	1,595,122	6,629,667
2012	1,627,240	1,698,681	1,875,708	1,773,482	6,975,111
2013	1,788,878	1,821,008	1,887,603	1,746,508	7,243,997
2014	1,795,104	1,865,382	2,031,888	1,901,062	7,593,436
2015	1,956,910	2,111,394	2,131,944	2,000,947	8,201,195
2016	2,044,030	2,104,694	2,161,164	2,005,965	8,315,853
2017	1,996,549	2,108,126	2,214,920	2,090,145	8,409,740
2018	2,274,133	2,376,759	2,394,892	2,242,794	9,288,578
2019	2,216,640	2,511,237	2,564,813	2,440,994	9,733,684
2020	2,369,831	268,899	459,554	1,194,974	4,293,258
2021	1,714,632	2,487,538	3,191,303	2,887,796	10,281,269
2022	2,795,026	2,850,419	2,827,247	2,618,556	11,091,248
Scheduled Seats					
1999	1,233,878	1,244,910	1,370,212	1,342,235	5,191,235
2000	1,413,788	1,423,766	1,483,918	1,453,831	5,775,303
2001	1,422,430	1,349,219	1,328,649	1,228,725	5,329,023
2002	1,258,617	1,322,385	1,471,423	1,409,133	5,461,558
2003	1,403,566	1,462,693	1,589,798	1,495,587	5,951,644
2004	1,598,197	1,629,951	1,700,354	1,648,491	6,576,993
2005	1,766,151	1,854,537	1,851,079	1,700,478	7,172,245
2006	1,769,075	1,918,882	2,019,848	1,858,219	7,566,024
2007	1,813,587	1,854,815	1,905,972	1,825,698	7,400,072
2008	1,908,987	1,603,763	1,626,551	1,531,103	6,670,404
2009	1,517,682	1,612,086	1,634,959	1,476,663	6,241,390
2010	1,553,170	1,700,552	1,773,708	1,640,962	6,668,392
2011	1,621,937	1,674,702	1,685,190	1,577,182	6,559,011
2012	1,608,748	1,682,121	1,860,528	1,758,578	6,909,975
2013	1,775,078	1,806,656	1,873,251	1,731,604	7,186,589
2014	1,781,028	1,851,306	2,017,260	1,886,710	7,536,304
2015	1,944,214	2,098,146	2,117,316	1,985,760	8,145,436
2016	2,024,558	2,086,927	2,145,779	1,990,623	8,247,887
2017	1,978,616	2,091,981	2,199,554	2,073,373	8,343,524
2018	2,257,480	2,357,528	2,379,540	2,225,085	9,219,633
2019	2,199,732	2,494,774	2,548,903	2,423,534	9,666,943
2020	2,353,271	262,331	457,274	1,187,046	4,259,922
2021	1,709,583	2,474,781	3,173,996	2,880,361	10,238,721
2022	2,792,914	2,845,234	2,824,541	2,613,790	11,076,479
Chartered Seats					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	72,656	55,173	(NA)
2002	66,044	84,556	93,588	88,847	333,035
2003	57,877	65,720	71,972	62,488	258,057
2004	55,853	52,266	72,960	76,126	257,205
2005	43,320	37,240	41,806	41,940	164,306
2006	39,640	41,260	40,840	39,900	161,640
2007	41,960	39,520	48,450	30,820	160,750
2008	40,860	33,060	30,780	29,640	134,340
2009	21,528	21,528	19,596	22,080	84,732
2010	19,320	17,664	17,940	18,216	73,140
2011	17,112	17,664	17,940	17,940	70,656
2012	18,492	16,560	15,180	14,904	65,136
2013	13,800	14,352	14,352	14,904	57,408
2014	14,076	14,076	14,628	14,352	57,132
2015	12,696	13,248	14,628	15,187	55,759
2016	19,472	17,767	15,385	15,342	67,966
2017	17,933	16,145	15,366	16,772	66,216
2018	16,653	19,231	15,352	17,709	68,945
2019	16,908	16,463	15,910	17,460	66,741
2020	16,560	6,568	2,280	7,928	33,336
2021	5,049	12,757	17,307	7,435	42,548
2022	2,112	5,185	2,706	4,766	14,769

NA Not available.

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-13. AIR SEATS OPERATED TO HAWAII - DOMESTIC

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
[Percentage change from the same period in previous year]					
Total Seats (Scheduled + Chartered) - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	11.7	16.7	(NA)
2003	10.3	8.6	6.2	4.0	7.2
2004	13.2	10.1	6.7	10.7	10.1
2005	9.4	12.5	6.7	1.0	7.4
2006	0.0	3.5	8.9	8.9	5.3
2007	2.6	-3.3	-5.2	-2.2	-2.1
2008	5.1	-13.6	-15.2	-15.9	-10.0
2009	-21.1	-0.2	-0.2	-4.0	-7.0
2010	2.2	5.2	8.3	10.7	6.6
2011	4.2	-1.5	-4.9	-3.9	-1.7
2012	-0.7	0.4	10.1	11.2	5.2
2013	9.9	7.2	0.6	-1.5	3.9
2014	0.3	2.4	7.6	8.8	4.8
2015	9.0	13.2	4.9	5.3	8.0
2016	4.5	-0.3	1.4	0.3	1.4
2017	-2.3	0.2	2.5	4.2	1.1
2018	13.9	12.7	8.1	7.3	10.5
2019	-2.5	5.7	7.1	8.8	4.8
2020	6.9	-89.3	-82.1	-51.0	-55.9
2021	-27.6	825.1	594.4	141.7	139.5
2022	63.0	14.6	-11.4	-9.3	7.9
Scheduled Seats - in percent					
2000	14.6	14.4	8.3	8.3	11.3
2001	0.6	-5.2	-10.5	-15.5	-7.7
2002	-11.5	-2.0	10.7	14.7	2.5
2003	11.5	10.6	8.0	6.1	9.0
2004	13.9	11.4	7.0	10.2	10.5
2005	10.5	13.8	8.9	3.2	9.1
2006	0.2	3.5	9.1	9.3	5.5
2007	2.5	-3.3	-5.6	-1.8	-2.2
2008	5.3	-13.5	-14.7	-16.1	-9.9
2009	-20.5	0.5	0.5	-3.6	-6.4
2010	2.3	5.5	8.5	11.1	6.8
2011	4.4	-1.5	-5.0	-3.9	-1.6
2012	-0.8	0.4	10.4	11.5	5.4
2013	10.3	7.4	0.7	-1.5	4.0
2014	0.3	2.5	7.7	9.0	4.9
2015	9.2	13.3	5.0	5.2	8.1
2016	4.1	-0.5	1.3	0.2	1.3
2017	-2.3	0.2	2.5	4.2	1.2
2018	14.1	12.7	8.2	7.3	10.5
2019	-2.6	5.8	7.1	8.9	4.9
2020	7.0	-89.5	-82.1	-51.0	-55.9
2021	-27.4	843.4	594.1	142.6	140.3
2022	63.4	15.0	-11.0	-9.3	8.2
Chartered Seats - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	28.8	61.0	(NA)
2003	-12.4	-22.3	-23.1	-29.7	-22.5
2004	-3.5	-20.5	1.4	21.8	-0.3
2005	-22.4	-28.7	-42.7	-44.9	-36.1
2006	-8.5	10.8	-2.3	-4.9	-1.6
2007	5.9	-4.2	18.6	-22.8	-0.6
2008	-2.6	-16.3	-36.5	-3.8	-16.4
2009	-47.3	-34.9	-36.3	-25.5	-36.9
2010	-10.3	-17.9	-8.5	-17.5	-13.7
2011	-11.4	0.0	0.0	-1.5	-3.4
2012	8.1	-6.3	-15.4	-16.9	-7.8
2013	-25.4	-13.3	-5.5	0.0	-11.9
2014	2.0	-1.9	1.9	-3.7	-0.5
2015	-9.8	-5.9	0.0	5.8	-2.4
2016	53.4	34.1	5.2	1.0	21.9
2017	-7.9	-9.1	-0.1	9.3	-2.6
2018	-7.1	19.1	-0.1	5.6	4.1
2019	1.5	-14.4	3.6	-1.4	-3.2
2020	-2.1	-60.1	-85.7	-54.6	-50.1
2021	-69.5	94.2	659.1	-6.2	27.6
2022	-58.2	-59.4	-84.4	-35.9	-65.3

NA Not available.

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-14. AIR SEATS OPERATED TO HAWAII - INTERNATIONAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Total Seats (Scheduled + Chartered)					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	790,705	640,055	(NA)
2002	671,176	690,918	739,607	757,458	2,859,159
2003	763,857	559,125	677,347	666,881	2,667,210
2004	674,089	646,960	732,784	743,619	2,797,452
2005	761,716	726,203	749,162	734,680	2,971,761
2006	747,630	671,578	711,116	736,874	2,867,198
2007	773,794	696,879	698,700	673,633	2,843,006
2008	686,991	609,376	620,660	621,722	2,538,749
2009	615,539	601,934	609,199	633,927	2,460,599
2010	688,324	609,229	623,581	637,247	2,558,381
2011	715,298	634,622	692,814	719,890	2,762,624
2012	834,795	745,868	823,123	830,319	3,234,105
2013	943,365	860,669	910,320	933,469	3,647,823
2014	981,568	888,216	884,171	915,552	3,669,507
2015	977,820	889,337	921,885	922,614	3,711,656
2016	995,534	898,010	893,750	920,522	3,707,816
2017	991,371	908,249	946,530	979,718	3,825,868
2018	1,027,928	939,680	987,040	995,949	3,950,597
2019	1,040,793	901,660	888,544	948,204	3,779,201
2020	882,969	35,409	38,366	68,665	1,025,409
2021	76,778	64,385	96,930	215,722	453,815
2022	342,158	324,499	430,921	556,804	1,654,382
Scheduled Seats					
1999	933,099	831,778	870,797	909,010	3,544,684
2000	898,813	855,267	880,374	905,257	3,539,711
2001	875,479	782,796	784,815	638,291	3,081,381
2002	647,938	673,584	729,547	739,679	2,790,748
2003	758,163	554,222	667,709	626,032	2,606,126
2004	661,149	635,040	718,444	725,619	2,740,252
2005	730,116	710,203	726,362	684,680	2,851,361
2006	713,420	661,178	697,556	722,874	2,795,028
2007	747,794	690,479	689,920	662,433	2,790,626
2008	663,031	606,996	610,660	610,922	2,491,609
2009	608,339	598,334	603,336	625,374	2,435,383
2010	674,032	607,629	613,626	626,561	2,521,848
2011	704,751	628,910	678,943	704,207	2,716,811
2012	820,053	737,250	803,123	819,992	3,180,418
2013	916,098	846,381	892,324	922,332	3,577,135
2014	974,534	887,922	866,142	905,830	3,634,428
2015	975,029	887,584	910,480	913,111	3,686,204
2016	988,113	895,463	881,744	916,546	3,681,866
2017	988,299	904,174	940,987	973,555	3,807,015
2018	1,024,727	932,377	973,531	988,234	3,918,869
2019	1,039,154	889,113	882,040	940,450	3,750,757
2020	869,270	34,301	36,217	67,626	1,007,414
2021	75,960	62,492	92,778	215,203	446,433
2022	339,556	321,627	429,474	555,232	1,645,889
Chartered Seats					
1999	(NA)	(NA)	(NA)	(NA)	(NA)
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	5,890	1,764	(NA)
2002	23,238	17,334	10,060	17,779	68,411
2003	5,694	4,903	9,638	40,849	61,084
2004	12,940	11,920	14,340	18,000	57,200
2005	31,600	16,000	22,800	50,000	120,400
2006	34,210	10,400	13,560	14,000	72,170
2007	26,000	6,400	8,780	11,200	52,380
2008	23,960	2,380	10,000	10,800	47,140
2009	7,200	3,600	5,863	8,553	25,216
2010	14,292	1,600	9,955	10,686	36,533
2011	10,547	5,712	13,871	15,683	45,813
2012	14,742	8,618	20,000	10,327	53,687
2013	27,267	14,288	17,996	11,137	70,688
2014	7,034	294	18,029	9,722	35,079
2015	2,791	1,753	11,405	9,503	25,452
2016	7,421	2,547	12,006	3,976	25,950
2017	3,072	4,075	5,543	6,163	18,853
2018	3,201	7,303	13,509	7,715	31,728
2019	1,639	12,547	6,504	7,754	28,444
2020	13,699	1,108	2,149	1,039	17,995
2021	818	1,893	4,152	519	7,382
2022	2,602	2,872	1,447	1,572	8,493

NA Not available.

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-14. AIR SEATS OPERATED TO HAWAII - INTERNATIONAL

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
[Percentage change from the same period in previous year]					
Total Seats (Scheduled + Chartered) - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	-6.5	18.3	(NA)
2003	13.8	-19.1	-8.4	-12.0	-6.7
2004	-11.8	15.7	8.2	11.5	4.9
2005	13.0	12.2	2.2	-1.2	6.2
2006	-1.8	-7.5	-5.1	0.3	-3.5
2007	3.5	3.8	-1.7	-8.6	-0.8
2008	-11.2	-12.6	-11.2	-7.7	-10.7
2009	-10.4	-1.2	-1.8	2.0	-3.1
2010	11.8	1.2	2.4	0.5	4.0
2011	3.9	4.2	11.1	13.0	8.0
2012	16.7	17.5	18.8	15.3	17.1
2013	13.0	15.4	10.6	12.4	12.8
2014	4.0	3.2	-2.9	-1.9	0.6
2015	-0.4	0.1	4.3	0.8	1.1
2016	1.8	1.0	-3.1	-0.2	-0.1
2017	-0.4	1.1	5.9	6.4	3.2
2018	3.7	3.5	4.3	1.7	3.3
2019	1.3	-4.0	-10.0	-4.8	-4.3
2020	-15.2	-96.1	-95.7	-92.8	-72.9
2021	-91.3	81.8	152.6	214.2	-55.7
2022	345.6	404.0	344.6	158.1	264.5
Scheduled Seats - in percent					
2000	-3.7	2.8	1.1	-0.4	-0.1
2001	-2.6	-8.5	-10.9	-29.5	-12.9
2002	-26.0	-14.0	-7.0	15.9	-9.4
2003	17.0	-17.7	-8.5	-15.4	-6.6
2004	-12.8	14.6	7.6	15.9	5.1
2005	10.4	11.8	1.1	-5.6	4.1
2006	-2.3	-6.9	-4.0	5.6	-2.0
2007	4.8	4.4	-1.1	-8.4	-0.2
2008	-11.3	-12.1	-11.5	-7.8	-10.7
2009	-8.2	-1.4	-1.2	2.4	-2.3
2010	10.8	1.6	1.7	0.2	3.6
2011	4.6	3.5	10.6	12.4	7.7
2012	16.4	17.2	18.3	16.4	17.1
2013	11.7	14.8	11.1	12.5	12.5
2014	6.4	4.9	-2.9	-1.8	1.6
2015	0.1	0.0	5.1	0.8	1.4
2016	1.3	0.9	-3.2	0.4	-0.1
2017	0.0	1.0	6.7	6.2	3.4
2018	3.7	3.1	3.5	1.5	2.9
2019	1.4	-4.6	-9.4	-4.8	-4.3
2020	-16.3	-96.1	-95.9	-92.8	-73.1
2021	-91.3	82.2	156.2	218.2	-55.7
2022	347.0	414.7	362.9	158.0	268.7
Chartered Seats - in percent					
2000	(NA)	(NA)	(NA)	(NA)	(NA)
2001	(NA)	(NA)	(NA)	(NA)	(NA)
2002	(NA)	(NA)	70.8	907.9	(NA)
2003	-75.5	-71.7	-4.2	129.8	-10.7
2004	127.3	143.1	48.8	-55.9	-6.4
2005	144.2	34.2	59.0	177.8	110.5
2006	8.3	-35.0	-40.5	-72.0	-40.1
2007	-24.0	-38.5	-35.3	-20.0	-27.4
2008	-7.8	-62.8	13.9	-3.6	-10.0
2009	-69.9	51.3	-41.4	-20.8	-46.5
2010	98.5	-55.6	69.8	24.9	44.9
2011	-26.2	257.0	39.3	46.8	25.4
2012	39.8	50.9	44.2	-34.2	17.2
2013	85.0	65.8	-10.0	7.8	31.7
2014	-74.2	-97.9	0.2	-12.7	-50.4
2015	-60.3	496.3	-36.7	-2.3	-27.4
2016	165.9	45.3	5.3	-58.2	2.0
2017	-58.6	60.0	-53.8	55.0	-27.3
2018	4.2	79.2	143.7	25.2	68.3
2019	-48.8	71.8	-51.9	0.5	-10.4
2020	735.8	-91.2	-67.0	-86.6	-36.7
2021	-94.0	70.8	93.2	-50.0	-59.0
2022	218.1	51.7	-65.1	202.9	15.1

NA Not available.

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

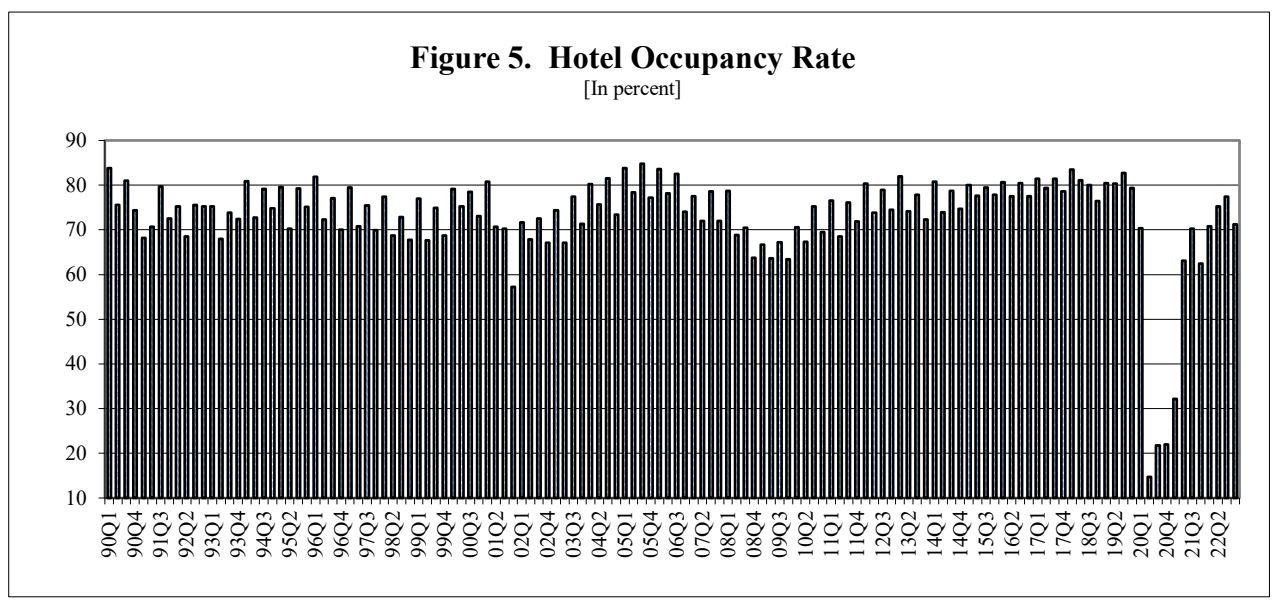
Table D-15. HOTEL OCCUPANCY RATE

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 1/	32.2	63.1	70.2	62.4	57.5
2022 1/	70.8	75.3	77.4	71.3	73.6

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

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

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



E. CONSTRUCTION

The indicators of Hawaii's construction industry were mixed in the fourth quarter of 2022. Construction jobs and private building authorizations increased in the quarter, but Government contracts awarded and State government CIP expenditures decreased.

In the fourth quarter of 2022, the number of jobs in the construction sector increased 4.4 percent or 1,600 jobs compared with the same quarter of 2021. In 2022, the construction sector lost 700 jobs or 1.9 percent (Table A-7) from the previous year.

In the fourth quarter of 2022, private building authorizations in the state increased $620.0 million or 93.8 percent, compared with the fourth quarter of 2021 (Table E-8). In 2022, private building authorizations in the state decreased $180.1 million or 4.8 percent compared with the previous year.

In the fourth quarter of 2022, private building authorizations in Honolulu increased $565.9 million or 201.7 percent, compared with the fourth quarter of 2021 (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 fourth quarter of 2022, private building authorizations in Hawaii County increased $17.8 million or 9.3 percent, compared with the fourth quarter of 2021 (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 fourth quarter of 2022, private building authorizations in Maui increased $127.3 million or 16.8 percent, compared with the fourth quarter of 2021 (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 fourth quarter of 2022, private building authorizations (residential only) in Kauai increased $9.0 million or 33.4 percent, compared with the fourth quarter of 2021 (Table E-8). In 2022, private building authorizations in Kauai County decreased $0.7 million or 0.5 percent compared with the previous year.

In the fourth quarter of 2022, government contracts awarded decreased $3,368.0 million or 86.6 percent, compared with the fourth quarter of 2021 (Table E-1). In 2022, government contracts awarded increased $818.9 million or 15.9 percent compared with the previous year. A Navy contract was awarded in June 2022 that designated Hawaii as 'place of performance' for 95 percent or $945.3 million of the contract. The Navy awarded a $32.4 million contract in August; however, Hawaii was not designated as place of performance.

State government CIP expenditures decreased $4.4 million or 1.4 percent in the fourth quarter of 2022 compared with the same quarter of 2021. 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 6.3 percent in the fourth quarter of 2022 compared to the same quarter of 2021 and similarly increased 6.6 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 1.9 percent in the fourth quarter of 2022, with single family home prices down 10.4 percent and condo prices up 5.1 percent over the same quarter of the previous year (Table E-9). The purchase of homes decreased 43.1 percent for local buyers, declined 39.6 percent for mainland buyers, and decreased 31.0 percent for foreign buyers over the same quarter of the previous year (Table E-10).

In the fourth quarter of 2022, Honolulu's median price for single family resales was $1,083,500, up $33,500 or 3.2 percent over the same quarter of 2021 (Table E-11). The median price for condominium units was $500,000, up $5,000 or 1.0 percent over the same quarter of 2021 (Table E-12). In the fourth quarter of 2022, the number of single-family unit resales decreased 45.5 percent, and the number of condominium unit resales decreased 37.1 percent, compared with the fourth quarter of 2021 (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 tax base 1/	Private Building Authorization 4/				Government
		Total Private Authorizations	Residential 4/	Commercial & Industrial 2/	Additions & Alterations	Contracts Awarded
In Millions of Dollars						
1982	1,294.9	683.1	299.2	242.9	141.1	391.6
1983	1,353.4	685.2	296.2	203.2	185.9	275.0
1984	1,242.9	581.5	327.7	104.0	149.9	388.7
1985	1,367.7	888.9	500.1	208.8	180.1	248.9
1986	1,808.0	1,025.2	455.5	267.4	302.3	422.7
1987	2,003.1	1,161.9	507.0	344.4	310.5	370.9
1988	2,487.6	1,546.5	689.2	541.2	316.1	665.0
1989	3,112.8	1,882.4	910.7	561.8	409.9	725.2
1990	4,003.7	2,101.8	952.3	698.0	451.5	825.5
1991	4,334.1	2,151.8	1,192.0	556.2	403.7	729.4
1992	4,012.7	1,751.9	811.1	532.3	408.5	1,159.1
1993	3,803.6	1,505.4	742.1	308.0	455.3	651.8
1994	3,322.3	1,612.9	849.3	370.3	393.4	693.0
1995	3,133.5	1,531.3	745.5	368.3	417.5	490.2
1996	3,285.1	1,117.8	487.0	252.8	378.0	885.5
1997	2,944.4	1,179.2	542.5	264.5	372.2	615.6
1998	3,016.0	1,054.3	485.5	205.6	363.2	685.1
1999	2,991.2	1,320.2	628.8	306.2	385.3	584.8
2000 3/	3,613.5	1,512.6	800.1	246.2	466.2	810.9
2001	3,766.4	1,585.7	882.4	329.1	374.2	715.7
2002 4/	4,275.0	1,772.0	1,112.9	254.2	404.9	768.3
2003 4/	4,536.3	2,361.2	1,345.1	507.5	508.6	685.8
2004 4/	4,921.5	2,726.5	1,767.7	303.3	655.6	638.2
2005 4/	6,024.0	3,492.0	2,259.3	433.5	799.1	610.8
2006 4/	7,223.3	3,770.1	1,811.8	732.0	1,226.2	633.4
2007 4/	8,072.9	3,585.4	1,855.4	703.9	1,026.2	721.8
2008 4/	7,987.1	2,906.6	1,381.6	427.1	1,097.9	1,439.9
2009 4/	6,641.7	1,998.9	799.2	284.8	914.9	1,398.8
2010 4/	5,589.8	1,980.3	779.0	377.5	823.8	1,057.6
2011 4/	5,837.4	1,858.8	687.9	285.9	884.9	430.7
2012 4/	7,006.1	2,643.8	837.2	271.1	1,535.5	772.9
2013 4/	7,330.0	2,720.5	1,025.0	296.5	1,399.0	1,194.2
2014 4/	7,024.0	3,315.1	985.9	498.5	1,830.6	1,096.6
2015 4/	8,112.2	3,963.6	1,651.3	702.9	1,609.4	1,554.6
2016 4/	8,288.2	3,240.6	1,448.0	211.0	1,581.7	1,673.3
2017 4/	8,384.4	3,127.8	1,504.7	395.9	1,227.3	1,191.6
2018 4/	9,455.6	3,268.3	1,395.8	402.2	1,470.3	1,948.5
2019 4/	9,609.3	3,221.4	1,211.6	352.7	1,657.1	593.8
2020 4/	9,757.2	3,108.5	1,145.0	478.6	1,484.9	3,080.8
2021 4/	10,108.4	3,747.1	1,994.8	426.2	1,326.2	5,141.8
2022 4/	(NA)	3,579.3	1,797.4	369.8	1,412.2	5,960.8
1998 1 Qtr.	757.1	260.4	118.2	50.4	91.9	155.3
2 Qtr.	706.3	246.7	121.3	48.4	76.9	127.5
3 Qtr.	793.6	296.0	123.5	55.1	117.3	218.7
4 Qtr.	759.0	251.3	122.6	51.7	77.0	183.5
1999 1 Qtr.	732.1	342.9	141.6	125.0	76.3	177.3
2 Qtr.	737.0	314.3	153.4	72.3	88.5	104.6
3 Qtr.	758.1	314.0	151.1	63.9	99.0	147.1
4 Qtr.	764.0	349.0	182.6	45.0	121.4	155.8
2000 1 Qtr.	877.6	351.8	203.3	61.3	87.3	217.1
2 Qtr.	869.1	392.9	194.9	72.9	125.1	96.6
3 Qtr.	894.9	377.4	204.1	59.1	114.2	405.1
3/ 4 Qtr.	971.8	390.4	197.9	52.9	139.6	92.1
2001 1 Qtr.	920.5	362.5	186.3	96.6	79.6	178.0
2 Qtr.	918.4	423.6	234.3	77.9	111.5	175.7
3 Qtr.	893.2	421.0	256.3	68.3	96.4	113.1
4 Qtr.	1,034.3	378.6	205.6	86.3	86.7	248.9
2002 4/ 1 Qtr.	913.7	336.3	191.7	47.0	97.6	250.8
4/ 2 Qtr.	1,025.0	437.1	276.9	59.3	100.9	133.6
4/ 3 Qtr.	1,213.7	497.6	346.6	47.2	103.8	255.7
4/ 4 Qtr.	1,122.5	501.1	297.7	100.7	102.6	128.2
2003 4/ 1 Qtr.	1,122.3	655.1	326.0	217.9	111.3	168.3
4/ 2 Qtr.	1,139.3	716.7	398.1	155.3	163.3	86.0
4/ 3 Qtr.	1,179.6	531.0	316.5	87.9	126.6	228.3
4/ 4 Qtr.	1,095.1	458.4	304.6	46.4	107.4	150.8
2004 4/ 1 Qtr.	1,143.3	780.8	542.5	107.4	130.8	256.7
4/ 2 Qtr.	1,126.0	718.9	440.5	50.8	227.6	804.1
4/ 3 Qtr.	1,345.9	597.6	366.0	73.0	158.6	187.2
4/ 4 Qtr.	1,306.3	629.3	418.7	72.1	138.5	136.6
2005 4/ 1 Qtr.	1,440.9	706.5	420.3	48.7	237.6	213.6
4/ 2 Qtr.	1,429.8	728.5	450.7	103.4	174.4	105.5
4/ 3 Qtr.	1,608.1	1,050.5	662.1	220.1	168.4	314.4
4/ 4 Qtr.	1,545.1	1,006.4	726.2	61.4	218.8	91.5
2006 4/ 1 Qtr.	1,714.7	766.2	481.1	61.1	224.0	297.2
4/ 2 Qtr.	1,677.1	908.1	451.6	160.7	295.9	174.4
4/ 3 Qtr.	1,920.2	1,051.5	460.5	206.5	384.5	220.6
4/ 4 Qtr.	1,911.3	1,044.2	418.6	303.8	321.8	161.6
2007 4/ 1 Qtr.	1,991.0	737.1	412.1	59.7	265.3	180.1
4/ 2 Qtr.	2,081.1	1,085.7	668.8	222.6	194.2	317.7
4/ 3 Qtr.	1,924.9	896.3	412.1	144.3	339.9	255.1
4/ 4 Qtr.	2,075.9	866.3	362.3	277.2	226.8	116.5
2008 4/ 1 Qtr.	1,885.1	741.1	353.2	94.0	293.9	196.2
4/ 2 Qtr.	1,977.5	1,048.5	517.4	154.7	376.5	132.8
4/ 3 Qtr.	2,095.9	690.0	346.5	132.3	211.3	351.8
4/ 4 Qtr.	2,028.6	426.8	164.5	46.2	216.2	272.0
2009 4/ 1 Qtr.	1,779.9	542.2	276.3	38.8	227.0	167.2
4/ 2 Qtr.	1,726.6	470.7	160.5	97.3	212.8	197.3
4/ 3 Qtr.	1,580.1	558.8	193.4	56.5	308.9	233.8
4/ 4 Qtr.	1,555.1	427.3	169.0	92.1	166.1	180.4
2010 4/ 1 Qtr.	1,427.0	455.3	235.4	53.1	166.9	83.1
4/ 2 Qtr.	1,301.9	537.3	184.9	123.5	228.9	353.7
4/ 3 Qtr.	1,487.7	552.4	196.3	84.3	271.8	352.6
4/ 4 Qtr.	1,373.2	435.3	162.5	116.6	156.2	268.2
2011 4/ 1 Qtr.	1,382.9	380.9	146.8	48.1	186.1	75.4
4/ 2 Qtr.	1,443.6	438.4	178.4	47.2	212.7	63.0
4/ 3 Qtr.	1,468.2	537.7	206.7	80.2	250.8	124.5
4/ 4 Qtr.	1,542.7	501.8	156.1	110.4	235.3	167.7
2012 4/ 1 Qtr.	1,561.4	556.7	145.3	61.5	349.9	71.4
4/ 2 Qtr.	1,680.8	647.3	246.6	50.6	350.1	280.6
4/ 3 Qtr.	1,858.5	686.6	200.2	75.7	410.7	323.3
4/ 4 Qtr.	1,905.5	753.2	245.1	83.3	424.8	97.5
2013 4/ 1 Qtr.	1,847.6	629.1	289.1	46.9	293.0	228.8
4/ 2 Qtr.	1,935.3	714.0	193.3	145.7	375.1	371.0
4/ 3 Qtr.	1,844.9	688.4	317.4	27.5	343.6	481.4
4/ 4 Qtr.	1,702.1	689.0	225.2	76.5	387.3	113.1
2014 4/ 1 Qtr.	1,732.3	758.4	150.6	94.9	512.9	155.7
4/ 2 Qtr.	1,766.6	806.5	305.6	80.7	420.2	291.3
4/ 3 Qtr.	1,666.4	789.6	230.4	73.8	485.4	394.9
4/ 4 Qtr.	1,858.7	960.6	299.3	249.2	412.1	254.7
2015 4/ 1 Qtr.	1,801.4	1,297.6	482.5	383.6	431.5	225.0
4/ 2 Qtr.	1,995.3	840.4	412.7	113.9	313.7	680.8
4/ 3 Qtr.	2,212.3	892.2	338.3	111.0	442.9	487.1
4/ 4 Qtr.	2,103.3	933.4	417.8	94.4	421.2	161.7
2016 4/ 1 Qtr.	1,745.4	545.6	223.1	30.2	292.3	175.0
4/ 2 Qtr.	2,123.9	960.2	429.6	75.6	455.0	328.9
4/ 3 Qtr.	2,196.4	889.4	429.2	39.3	420.9	913.1
4/ 4 Qtr.	2,222.5	845.6	366.1	65.9	413.5	256.3
2017 4/ 1 Qtr.	2,170.7	919.5	507.4	101.4	310.7	213.8
4/ 2 Qtr.	1,828.3	821.0	359.4	131.4	330.3	236.2
4/ 3 Qtr.	2,206.1	722.4	374.1	85.4	262.9	644.3
4/ 4 Qtr.	2,179.3	664.9	263.8	77.7	323.4	97.3
2018 4/ 1 Qtr.	2,202.6	699.8	382.4	76.1	241.4	532.4
4/ 2 Qtr.	2,326.5	1,108.6	392.0	185.1	531.5	598.4
4/ 3 Qtr.	2,521.5	743.2	365.6	70.3	307.3	394.1
4/ 4 Qtr.	2,405.1	716.6	255.9	70.7	390.1	423.6
2019 4/ 1 Qtr.	2,349.4	761.0	309.9	46.2	404.9	155.9
4/ 2 Qtr.	2,430.3	809.0	323.2	66.5	419.3	129.1
4/ 3 Qtr.	2,445.2	798.8	267.0	89.9	441.8	165.6
4/ 4 Qtr.	2,384.4	852.7	311.5	150.1	391.1	143.2
2020 4/ 5/ 1 Qtr.	2,467.7	784.8	228.7	120.5	435.7	1,342.3
4/ 2 Qtr.	2,243.7	693.1	310.6	133.8	248.8	582.4
4/ 3 Qtr.	2,647.9	843.2	297.1	129.9	416.3	266.5
4/ 4 Qtr.	2,397.9	787.3	308.6	94.5	384.2	889.5
2021 4/ 1 Qtr.	2,339.0	802.7	305.4	116.9	380.4	493.5
4/ 2 Qtr.	2,643.8	1,345.8	818.0	101.8	426.0	274.9
4/ 6/ 3 Qtr.	2,580.6	937.4	533.2	129.4	274.9	483.0
4/ 7/ 4 Qtr.	2,545.1	661.2	338.2	78.0	244.9	3,890.4
2022 4/ 1 Qtr.	2,558.8	868.1	480.3	99.0	288.9	220.5
4/ 8/ 2 Qtr.	2,642.5	634.8	281.2	84.1	269.5	4,230.2
4/ 9/ 3 Qtr.	2,786.5	782.9	321.4	97.9	363.7	987.5
4 Qtr.	(NA)	1,293.5	714.6	88.8	490.1	522.5

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 (I

6/ In one U.S. Navy September contract, Hawaii was designated 'place of performance' for 40 percent or $200 million and the remainder as other NAVFAC Pacific

7/ In one U.S. Navy November contract Hawaii was designated 'place of performance' for 40 percent or $3.2 billion and the remainder as Washington (state).

8/ In one U.S. Navy June contract, Hawaii was designated 'place of performance' for 95 percent or $945.3 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 place of performance (POP).

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

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

Year	Contracting tax base 1/	Private Building Authorization 4/				Government
		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	69.8
1987	10.8	13.3	11.3	28.8	2.7	-12.3
1988	24.2	33.1	35.9	57.1	1.8	79.3
1989	25.1	21.7	32.1	3.8	29.7	9.1
1990	28.6	11.7	4.6	24.2	10.1	13.8
1991	8.3	2.4	25.2	-20.3	-10.6	-11.6
1992	-7.4	-18.6	-32.0	-4.3	1.2	58.9
1993	-5.2	-14.1	-8.5	-42.1	11.5	-43.8
1994	-12.7	7.1	14.4	20.2	-13.6	6.3
1995	-5.7	-5.1	-12.2	-0.5	6.1	-29.3
1996	4.8	-27.0	-34.7	-31.4	-9.5	80.6
1997	-10.4	5.5	11.4	4.6	-1.5	-30.5
1998	2.4	-10.6	-10.5	-22.3	-2.4	11.3
1999	-0.8	25.2	29.5	48.9	6.1	-14.6
2000 3/	20.8	14.6	27.3	-19.6	21.0	38.7
2001	4.2	4.8	10.3	33.7	-19.7	-11.7
2002 4/	13.5	11.7	26.1	-22.8	8.2	7.3
2003 4/	6.1	33.3	20.9	99.7	25.6	-10.7
2004 4/	8.5	15.5	31.4	-40.2	28.9	-6.9
2005 4/	22.4	28.1	27.8	43.0	21.9	-4.3
2006 4/	19.9	8.0	-19.8	68.8	53.4	3.7
2007 4/	11.8	-4.9	2.4	-3.8	-16.3	14.0
2008 4/	-1.1	-18.9	-25.5	-39.3	7.0	99.5
2009 4/	-16.8	-31.2	-42.2	-33.3	-16.7	-2.9
2010 4/	-15.8	-0.9	-2.5	32.5	-10.0	-24.4
2011 4/	4.4	-6.1	-11.7	-24.3	7.4	-59.3
2012 4/	20.0	42.2	21.7	-5.2	73.5	79.4
2013 4/	4.6	2.9	22.4	9.4	-8.9	54.5
2014 4/	-4.2	21.9	-3.8	68.1	30.8	-8.2
2015 4/	15.5	19.6	67.5	41.0	-12.1	41.8
2016 4/	2.2	-18.2	-12.3	-70.0	-1.7	7.6
2017 4/	1.2	-3.5	3.9	87.6	-22.4	-28.8
2018 4/	12.8	4.5	-7.2	1.6	19.8	63.5
2019 4/	1.6	-1.4	-13.2	-12.3	12.7	-69.5
2020 4/	1.5	-3.5	-5.5	35.7	-10.4	418.8
2021 4/	3.6	20.5	74.2	-11.0	-10.7	66.9
2022 4/	(NA)	-4.5	-9.9	-13.2	6.5	15.9
1999 1 Qtr.	-3.3	31.7	19.8	148.2	-17.0	14.1
2 Qtr.	4.3	27.4	26.5	49.4	15.1	-18.0
3 Qtr.	-4.5	6.1	22.4	15.9	-15.6	-32.8
4 Qtr.	0.7	38.9	49.0	-13.1	57.7	-15.1
2000 1 Qtr.	19.9	2.6	43.6	-51.0	14.4	22.4
2 Qtr.	17.9	25.0	27.0	0.8	41.3	-7.6
3 Qtr.	18.0	20.2	35.0	-7.4	15.3	175.4
3/ 4 Qtr.	27.2	11.9	8.4	17.6	15.0	-40.9
2001 1 Qtr.	4.9	3.0	-8.3	57.6	-8.8	-18.0
2 Qtr.	5.7	7.8	20.2	6.8	-10.9	81.9
3 Qtr.	-0.2	11.5	25.6	15.5	-15.6	-72.1
4 Qtr.	6.4	-3.0	3.9	63.3	-37.9	170.2
2002 4/ 1 Qtr.	-0.7	-7.2	2.9	-51.4	22.6	40.9
4/ 2 Qtr.	11.6	3.2	18.2	-23.8	-9.5	-24.0
4/ 3 Qtr.	35.9	18.2	35.2	-31.0	7.7	126.1
4/ 4 Qtr.	8.5	32.4	44.8	16.7	18.4	-48.5
2003 4/ 1 Qtr.	22.8	94.8	70.0	364.0	14.0	-32.9
4/ 2 Qtr.	11.2	64.0	43.8	161.6	61.9	-35.6
4/ 3 Qtr.	-2.8	6.7	-8.7	86.3	22.0	-10.7
4/ 4 Qtr.	-2.4	-8.5	2.3	-53.9	4.7	17.6
2004 4/ 1 Qtr.	1.9	19.2	66.4	-50.7	17.6	52.5
4/ 2 Qtr.	-1.2	0.3	10.6	-67.3	39.4	835.0
4/ 3 Qtr.	14.1	12.5	15.7	-17.0	25.3	-18.0
4/ 4 Qtr.	19.3	37.3	37.5	55.2	29.0	-9.4
2005 4/ 1 Qtr.	26.0	-9.5	-22.5	-54.7	81.6	-16.8
4/ 2 Qtr.	27.0	1.3	2.3	103.7	-23.4	-86.9
4/ 3 Qtr.	19.5	75.8	80.9	201.6	6.2	68.0
4/ 4 Qtr.	18.3	59.9	73.4	-14.8	57.9	-33.0
2006 4/ 1 Qtr.	19.0	8.5	14.5	25.6	-5.7	39.1
4/ 2 Qtr.	17.3	24.7	0.2	55.4	69.6	65.3
4/ 3 Qtr.	19.4	0.1	-30.4	-6.2	128.4	-29.8
4/ 4 Qtr.	23.7	3.8	-42.3	394.5	47.1	76.6
2007 4/ 1 Qtr.	16.1	-3.8	-14.3	-2.3	18.4	-39.4
4/ 2 Qtr.	24.1	19.6	48.1	38.6	-34.4	82.1
4/ 3 Qtr.	0.2	-14.8	-10.5	-30.1	-11.6	15.7
4/ 4 Qtr.	8.6	-17.0	-13.4	-8.7	-29.5	-27.9
2008 4/ 1 Qtr.	-5.3	0.5	-14.3	57.4	10.8	8.9
4/ 2 Qtr.	-5.0	-3.4	-22.6	-30.5	93.8	-58.2
4/ 3 Qtr.	8.9	-23.0	-15.9	-8.3	-37.8	37.9
4/ 4 Qtr.	-2.3	-50.7	-54.6	-83.3	-4.7	133.4
2009 4/ 1 Qtr.	-5.6	-26.8	-21.8	-58.7	-22.8	-14.8
4/ 2 Qtr.	-12.7	-55.1	-69.0	-37.1	-43.5	48.5
4/ 3 Qtr.	-24.6	-19.0	-44.2	-57.3	46.2	-33.5
4/ 4 Qtr.	-23.3	0.1	2.8	99.3	-23.1	-33.7
2010 4/ 1 Qtr.	-19.8	-16.0	-14.8	36.7	-26.5	-50.3
4/ 2 Qtr.	-24.6	14.2	15.2	26.9	7.6	79.3
4/ 3 Qtr.	-5.8	-1.2	1.5	49.1	-12.0	50.8
4/ 4 Qtr.	-11.7	1.9	-3.9	26.6	-6.0	48.7
2011 4/ 1 Qtr.	-3.1	-16.4	-37.7	-9.5	11.5	-9.2
4/ 2 Qtr.	10.9	-18.4	-3.5	-61.8	-7.1	-82.2
4/ 3 Qtr.	-1.3	-2.7	5.3	-4.8	-7.7	-64.7
4/ 4 Qtr.	12.3	15.3	-3.9	-5.3	50.6	-37.4
2012 4/ 1 Qtr.	12.9	46.2	-1.0	27.9	88.1	-5.3
4/ 2 Qtr.	16.4	47.7	38.2	7.2	64.6	345.3
4/ 3 Qtr.	26.6	27.7	-3.1	-5.6	63.8	159.6
4/ 4 Qtr.	23.5	50.1	57.0	-24.6	80.5	-41.9
2013 4/ 1 Qtr.	18.3	13.0	99.0	-23.7	-16.3	220.2
4/ 2 Qtr.	15.1	10.3	-21.6	187.8	7.1	32.2
4/ 3 Qtr.	-0.7	0.3	58.6	-63.7	-16.3	48.9
4/ 4 Qtr.	-10.7	-8.5	-8.1	-8.2	-8.8	16.0
2014 4/ 1 Qtr.	-6.2	20.6	-47.9	102.3	75.0	-31.9
4/ 2 Qtr.	-8.7	12.9	58.1	-44.6	12.0	-21.5
4/ 3 Qtr.	-9.7	14.7	-27.4	168.5	41.3	-18.0
4/ 4 Qtr.	9.2	39.4	32.9	225.8	6.4	125.2
2015 4/ 1 Qtr.	4.0	71.1	220.3	304.3	-15.9	44.5
4/ 2 Qtr.	12.9	4.2	35.1	41.2	-25.3	133.7
4/ 3 Qtr.	32.8	13.0	46.8	50.3	-8.8	23.4
4/ 4 Qtr.	13.2	-2.8	39.6	-62.1	2.2	-36.5
2016 4/ 1 Qtr.	-3.1	-58.0	-53.8	-92.1	-32.3	-22.2
4/ 2 Qtr.	6.4	14.3	4.1	-33.7	45.0	-51.7
4/ 3 Qtr.	-0.7	-0.3	26.9	-64.6	-5.0	87.5
4/ 4 Qtr.	5.7	-9.4	-12.4	-30.1	-1.8	58.5
2017 4/ 1 Qtr.	24.4	68.5	127.5	236.0	6.3	22.1
4/ 2 Qtr.	-13.9	-14.5	-16.3	73.8	-27.4	-28.2
4/ 3 Qtr.	0.4	-18.8	-12.9	117.5	-37.5	-29.4
4/ 4 Qtr.	-1.9	-21.4	-27.9	17.8	-21.8	-62.0
2018 4/ 1 Qtr.	1.5	-23.9	-24.6	-25.0	-22.3	149.1
4/ 2 Qtr.	27.2	35.0	9.1	40.9	60.9	153.3
4/ 3 Qtr.	14.3	2.9	-2.3	-17.6	16.9	-38.8
4/ 4 Qtr.	10.4	7.8	-3.0	-9.1	20.6	335.2
2019 4/ 1 Qtr.	6.7	8.7	-19.0	-39.3	67.8	-70.7
4/ 2 Qtr.	4.5	-27.0	-17.5	-64.1	-21.1	-78.4
4/ 3 Qtr.	-3.0	7.5	-27.0	27.9	43.8	-58.0
4/ 4 Qtr.	-0.9	19.0	21.7	112.5	0.3	-66.2
2020 4/ 5/ 1 Qtr.	5.0	3.1	-26.2	160.9	7.6	760.8
4/ 2 Qtr.	-7.7	-14.3	-3.9	101.2	-40.7	351.2
4/ 3 Qtr.	8.3	5.6	11.3	44.4	-5.8	61.0
4/ 4 Qtr.	0.6	-7.7	-0.9	-37.1	-1.8	521.3
2021 4/ 1 Qtr.	-5.2	2.3	33.5	-2.9	-12.7	-63.2
4/ 2 Qtr.	17.8	94.2	163.4	-23.9	71.2	-52.8
4/ 6/ 3 Qtr.	-2.5	11.2	79.4	-0.4	-34.0	81.2
4/ 7/ 4 Qtr.	6.1	-16.0	9.6	-17.4	-36.3	337.4
2022 4/ 1 Qtr.	9.4	8.2	57.3	-15.3	-24.1	-55.3
4/ 8/ 2 Qtr.	0.0	-52.8	-65.6	-17.4	-36.7	1,438.7
4/ 9/ 3 Qtr.	8.0	-16.5	-39.7	-24.3	32.3	104.5
4/ 4 Qtr.	(NA)	95.6	111.3	13.8	100.1	-86.6

NA Not available.

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

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

2/ Includes hotels.

3/ Kauai 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 performanc

6/ In one U.S. Navy September contract, Hawaii was designated 'place of performance' for 40 percent or $200 million and the remainder as other NAVFAC Pac

7/ In one U.S. Navy November contract Hawaii was designated 'place of performance' for 40 percent or $3.2 billion and the remainder as Washington (state).

8/ In one U.S. Navy June contract, Hawaii was designated 'place of performance' for 95 percent or $945.3 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 place of performance (POP).

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

Table E-2. STATE GOVERNMENT CAPITAL IMPROVEMENT PROJECT EXPENDITURES

Year	Total Expenditures	General Oblig. Bond 1/	Revenue Bond 2/	General Fund (Cash)	Special Fund	Federal Funds 3/
	In Thousands of Dollars					
1990	995,163	248,379	368,502	133,529	79,998	164,755
1991	1,027,189	210,022	326,414	121,108	164,915	204,730
1992	1,323,450	331,720	512,432	138,867	124,605	215,826
1993	1,188,315	472,515	225,431	89,917	147,351	253,101
1994	1,214,487	492,048	327,980	56,662	135,440	202,357
1995	822,327	342,423	77,560	19,672	169,901	212,772
1996	720,580	286,472	66,625	6,719	165,426	195,338
1997	898,496	345,440	220,496	3,181	163,130	166,249
1998	818,181	329,218	199,294	1,963	192,397	95,309
1999	626,916	293,229	35,735	348	212,446	85,159
2000	612,559	295,988	34,114	305	179,336	102,817
2001	611,167	328,885	44,123	331	114,234	123,594
2002	654,804	387,088	45,962	133	123,084	98,538
2003	847,667	416,975	197,475	1	119,653	113,563
2004	400,707	236,176	-67,498	38	92,046	139,944
2005	765,953	337,222	98,672	-973	173,610	157,422
2006	652,664	349,222	48,946	1,873	157,239	95,384
2007	1,131,450	545,559	95,979	33,812	247,366	208,734
2008	980,061	387,376	165,319	53,366	137,322	236,677
2009	1,102,080	507,997	114,942	24,568	223,789	230,784
2010	1,052,636	496,579	106,669	5,948	213,535	229,905
2011	1,004,491	517,179	95,371	2,579	182,313	207,049
2012	1,300,621	557,695	264,699	645	267,253	210,329
2013	1,150,213	588,437	150,063	1,970	215,374	194,369
2014	1,277,887	573,308	247,380	555	195,183	261,460
2015	1,265,048	659,172	196,761	17	158,538	250,559
2016	1,159,995	641,758	142,448	4,214	180,103	191,473
2017	1,311,263	740,920	196,618	82,061	138,118	153,545
2018	1,636,182	729,365	420,108	22,670	205,416	258,623
2019	1,447,221	675,605	411,558	5,842	96,982	257,234
2020	1,645,833	1,069,829	251,614	2,096	141,340	180,955
2021	1,340,417	682,603	314,147	134	131,873	211,660
2022	1,319,011	722,335	257,658	264	86,566	252,187
2002 1 Qtr.	121,679	64,628	13,482	54	22,683	20,832
2 Qtr.	178,987	112,419	11,584	52	32,207	22,724
3 Qtr.	181,365	110,889	5,562	18	34,222	30,674
4 Qtr.	172,774	99,151	15,335	9	33,971	24,308
2003 1 Qtr.	169,524	87,674	14,837	0.3	39,003	28,010
2 Qtr.	358,774	127,436	166,097	0.3	32,368	32,873
3 Qtr.	159,404	101,960	8,979	0	23,290	25,174
4 Qtr.	159,965	99,905	7,562	0	24,992	27,506
2004 1 Qtr.	94,169	47,430	4,885	33	19,092	22,729
2 Qtr.	40,185	71,596	-86,215	3	24,038	30,763
3 Qtr.	135,001	62,052	6,288	3	23,121	43,537
4 Qtr.	131,352	55,099	7,544	0	25,795	42,915
2005 1 Qtr.	151,389	67,637	22,324	-973	24,947	37,454
2 Qtr.	248,284	106,252	58,577	0	35,076	48,379
3 Qtr.	165,864	74,692	9,050	0	44,490	37,632
4 Qtr.	200,416	88,640	8,722	0	69,096	33,957
2006 1 Qtr.	150,483	66,393	16,355	0	39,343	28,392
2 Qtr.	204,923	120,021	19,844	1,611	38,593	24,854
3 Qtr.	144,883	84,102	4,103	0	37,867	18,812
4 Qtr.	152,375	78,707	8,644	262	41,436	23,326
2007 1 Qtr.	292,980	150,020	11,894	5,571	74,589	50,906
2 Qtr.	264,572	114,646	21,488	8,799	59,681	59,958
3 Qtr.	263,935	127,198	21,735	10,341	56,481	48,180
4 Qtr.	309,963	153,695	40,861	9,102	56,615	49,690
2008 1 Qtr.	235,135	97,527	32,379	10,213	44,688	50,328
2 Qtr.	254,233	113,438	29,866	6,393	40,591	63,945
3 Qtr.	264,175	78,109	78,741	22,655	27,450	57,219
4 Qtr.	226,517	98,301	24,333	14,105	24,593	65,185
2009 1 Qtr.	241,809	103,766	27,827	8,187	47,964	54,065
2 Qtr.	279,653	124,933	33,489	8,176	49,754	63,300
3 Qtr.	317,911	169,637	22,579	6,803	62,518	56,375
4 Qtr.	262,707	109,661	31,046	1,403	63,553	57,044
2010 1 Qtr.	310,966	130,724	55,435	1,655	54,771	68,381
2 Qtr.	275,978	141,421	13,315	1,802	61,607	57,833
3 Qtr.	273,489	138,696	21,981	1,243	53,937	57,631
4 Qtr.	192,202	85,739	15,937	1,247	43,220	46,060
2011 1 Qtr.	208,602	91,389	21,690	663	35,018	59,842
2 Qtr.	311,430	178,094	28,710	343	46,171	58,111
3 Qtr.	223,862	100,458	19,558	750	56,140	46,956
4 Qtr.	260,598	147,238	25,413	823	44,985	42,140
2012 1 Qtr.	238,553	107,262	22,943	383	55,412	52,554
2 Qtr.	494,187	164,697	178,274	60	90,075	61,081
3 Qtr.	255,990	127,106	25,104	165	56,987	46,629
4 Qtr.	311,890	158,629	38,378	38	64,779	50,066
2013 1 Qtr.	295,735	122,859	81,145	621	47,676	43,435
2 Qtr.	275,615	156,027	26,152	465	40,252	52,719
3 Qtr.	277,644	148,406	19,276	390	64,628	44,944
4 Qtr.	301,219	161,146	23,490	495	62,818	53,271
2014 1 Qtr.	343,352	113,564	123,343	526	49,223	56,696
2 Qtr.	353,937	194,736	41,362	18	51,681	66,139
3 Qtr.	331,618	157,680	40,351	7	49,870	83,711
4 Qtr.	248,979	107,329	42,323	5	44,409	54,914
2015 1 Qtr.	263,824	103,945	74,266	5	33,090	52,519
2 Qtr.	380,961	198,859	44,414	0	45,574	92,115
3 Qtr.	262,964	139,891	43,781	1	27,831	51,460
4 Qtr.	357,299	216,478	34,300	11	52,043	54,466
2016 1 Qtr.	258,881	132,248	47,991	2	30,510	48,130
2 Qtr.	451,160	308,937	37,805	0.5	35,037	69,382
3 Qtr.	255,140	141,698	27,050	284	44,061	42,047
4 Qtr.	194,814	58,874	29,602	3,927	70,495	31,915
2017 1 Qtr.	262,974	157,371	43,220	7,016	27,469	27,898
2 Qtr.	300,048	182,592	41,886	15,339	21,689	38,541
3 Qtr.	377,499	183,035	61,059	37,791	38,281	57,331
4 Qtr.	370,742	217,921	50,453	21,915	50,678	29,775
2018 1 Qtr.	262,742	148,046	48,064	7,733	24,637	34,261
2 Qtr.	591,340	249,538	173,024	5,809	86,294	76,674
3 Qtr.	423,968	171,015	107,748	5,626	39,341	100,238
4 Qtr.	358,133	160,765	91,271	3,503	55,143	47,450
2019 1 Qtr.	295,533	152,967	68,173	3,008	25,955	45,431
2 Qtr.	425,443	190,763	78,186	1,078	58,602	96,814
3 Qtr.	428,702	172,471	153,966	1,033	28,542	72,688
4 Qtr.	297,543	159,404	111,232	722	-16,117	42,302
2020 1 Qtr.	318,454	167,131	79,069	606	32,361	39,288
2 Qtr.	471,050	299,784	84,843	431	49,551	36,440
3 Qtr.	260,631	151,050	-1,447	751	34,457	75,819
4 Qtr.	595,698	451,864	89,148	308	24,971	29,407
2021 1 Qtr.	259,633	127,492	83,630	30	24,153	24,329
2 Qtr.	441,948	201,148	108,479	58	59,086	73,177
3 Qtr.	317,431	168,459	60,840	0	27,574	60,559
4 Qtr.	321,405	185,504	61,199	46	21,060	53,596
2022 1 Qtr.	313,703	175,842	76,578	25	8,000	53,258
2 Qtr.	350,120	199,046	72,423	47	12,078	66,527
3 Qtr.	338,136	184,512	61,401	96	13,266	78,861
4 Qtr.	317,051	162,936	47,257	95	53,222	53,541

This table is not directly comparable to Contracts Awarded data in Table E-1.
1/ Consists of general obligation bonds and reimbursable general obligation bonds.
2/ Consists of revenue bonds and special purpose revenue bonds.
3/ Includes special federal aid: interstate, primary, secondary; and federal funds.
Source: Hawaii State Department of Accounting and General Services, Report 300s.

Table E-2. STATE GOVERNMENT CAPITAL IMPROVEMENT PROJECT EXPENDITURES

Year	Total Expenditures	General Oblig. Bond 1/	Revenue Bond 2/	General Fund (Cash)	Special Fund	Federal Funds 3/
Percent change from corresponding period in previous year						
1991	3.2	-15.4	-11.4	-9.3	106.1	24.3
1992	28.8	57.9	57.0	14.7	-24.4	5.4
1993	-10.2	42.4	-56.0	-35.2	18.3	17.3
1994	2.2	4.1	45.5	-37.0	-8.1	-20.0
1995	-32.3	-30.4	-76.4	-65.3	25.4	5.1
1996	-12.4	-16.3	-14.1	-65.8	-2.6	-8.2
1997	24.7	20.6	231.0	-52.7	-1.4	-14.9
1998	-8.9	-4.7	-9.6	-38.3	17.9	-42.7
1999	-23.4	-10.9	-82.1	-82.3	10.4	-10.6
2000	-2.3	0.9	-4.5	-12.3	-15.6	20.7
2001	-0.2	11.1	29.3	8.4	-36.3	20.2
2002	7.1	17.7	4.2	-59.9	7.7	-20.3
2003	29.5	7.7	329.6	-99.6	-2.8	15.2
2004	-52.7	-43.4	(4/)	7,595.1	-23.1	23.2
2005	91.2	42.8	(4/)	(4/)	88.6	12.5
2006	-14.8	3.6	-50.4	(4/)	-9.4	-39.4
2007	73.4	56.2	96.1	1,705.0	57.3	118.8
2008	-13.4	-29.0	72.2	57.8	-44.5	13.4
2009	12.5	31.1	-30.5	-54.0	63.0	-2.5
2010	-4.5	-2.2	-7.2	-75.8	-4.6	-0.4
2011	-4.6	4.1	-10.6	-56.6	-14.6	-9.9
2012	29.5	7.8	177.5	-75.0	46.6	1.6
2013	-11.6	5.5	-43.3	205.3	-19.4	-7.6
2014	11.1	-2.6	64.9	-71.8	-9.4	34.5
2015	-1.0	15.0	-20.5	-96.9	-18.8	-4.2
2016	-8.3	-2.6	-27.6	24,538.3	13.6	-23.6
2017	13.0	15.5	38.0	1,847.5	-23.3	-19.8
2018	24.8	-1.6	113.7	-72.4	48.7	68.4
2019	-11.5	-7.4	-2.0	-74.2	-52.8	-0.5
2020	13.7	58.4	-38.9	-64.1	45.7	-29.7
2021	-18.6	-36.2	24.9	-93.6	-6.7	17.0
2022	-1.6	5.8	-18.0	97.1	-34.4	19.1
2003 1 Qtr.	39.3	35.7	10.1	(4/)	71.9	34.5
2 Qtr.	100.4	13.4	1,333.8	(4/)	0.5	44.7
3 Qtr.	-12.1	-8.1	61.4	(4/)	-31.9	-17.9
4 Qtr.	-7.4	0.8	-50.7	(4/)	-26.4	13.2
2004 1 Qtr.	-44.5	-45.9	-67.1	(4/)	-51.0	-18.9
2 Qtr.	-88.8	-43.8	(4/)	(4/)	-25.7	-6.4
3 Qtr.	-15.3	-39.1	-30.0	(4/)	-0.7	72.9
4 Qtr.	-17.9	-44.8	-0.2	(4/)	3.2	56.0
2005 1 Qtr.	60.8	42.6	357.0	(4/)	30.7	64.8
2 Qtr.	517.8	48.4	(4/)	(4/)	45.9	57.3
3 Qtr.	22.9	20.4	43.9	(4/)	92.4	-13.6
4 Qtr.	52.6	60.9	15.6	(4/)	167.9	-20.9
2006 1 Qtr.	-0.6	-1.8	-26.7	(4/)	57.7	-24.2
2 Qtr.	-17.5	13.0	-66.1	(4/)	10.0	-48.6
3 Qtr.	-12.6	12.6	-54.7	(4/)	-14.9	-50.0
4 Qtr.	-24.0	-11.2	-0.9	(4/)	-40.0	-31.3
2007 1 Qtr.	94.7	126.0	-27.3	(4/)	89.6	79.3
2 Qtr.	29.1	-4.5	8.3	446.0	54.6	141.2
3 Qtr.	82.2	51.2	429.8	(4/)	49.2	156.1
4 Qtr.	103.4	95.3	372.7	3,376.8	36.6	113.0
2008 1 Qtr.	-19.7	-35.0	172.2	83.3	-40.1	-1.1
2 Qtr.	-3.9	-1.1	39.0	-27.3	-32.0	6.6
3 Qtr.	0.1	-38.6	262.3	119.1	-51.4	18.8
4 Qtr.	-26.9	-36.0	-40.4	55.0	-56.6	31.2
2009 1 Qtr.	2.8	6.4	-14.1	-19.8	7.3	7.4
2 Qtr.	10.0	10.1	12.1	27.9	22.6	-1.0
3 Qtr.	20.3	117.2	-71.3	-70.0	127.7	-1.5
4 Qtr.	16.0	11.6	27.6	-90.1	158.4	-12.5
2010 1 Qtr.	28.6	26.0	99.2	-79.8	14.2	26.5
2 Qtr.	-1.3	13.2	-60.2	-78.0	23.8	-8.6
3 Qtr.	-14.0	-18.2	-2.6	-81.7	-13.7	2.2
4 Qtr.	-26.8	-21.8	-48.7	-11.1	-32.0	-19.3
2011 1 Qtr.	-32.9	-30.1	-60.9	-59.9	-36.1	-12.5
2 Qtr.	12.8	25.9	115.6	-81.0	-25.1	0.5
3 Qtr.	-18.1	-27.6	-11.0	-39.7	4.1	-18.5
4 Qtr.	35.6	71.7	59.5	-34.0	4.1	-8.5
2012 1 Qtr.	14.4	17.4	5.8	-42.3	58.2	-12.2
2 Qtr.	58.7	-7.5	520.9	-82.6	95.1	5.1
3 Qtr.	14.4	26.5	28.4	-78.0	1.5	-0.7
4 Qtr.	19.7	7.7	51.0	-95.4	44.0	18.8
2013 1 Qtr.	24.0	14.5	253.7	62.2	-14.0	-17.4
2 Qtr.	-44.2	-5.3	-85.3	678.5	-55.3	-13.7
3 Qtr.	8.5	16.8	-23.2	136.0	13.4	-3.6
4 Qtr.	-3.4	1.6	-38.8	1,208.3	-3.0	6.4
2014 1 Qtr.	16.1	-7.6	52.0	-15.3	3.2	30.5
2 Qtr.	28.4	24.8	58.2	-96.0	28.4	25.5
3 Qtr.	19.4	6.2	109.3	-98.3	-22.8	86.3
4 Qtr.	-17.3	-33.4	80.2	-99.1	-29.3	3.1
2015 1 Qtr.	-23.2	-8.5	-39.8	-99.1	-32.8	-7.4
2 Qtr.	7.6	2.1	7.4	(4/)	-11.8	39.3
3 Qtr.	-20.7	-11.3	8.5	-86.4	-44.2	-38.5
4 Qtr.	43.5	101.7	-19.0	149.8	17.2	-0.8
2016 1 Qtr.	-1.9	27.2	-35.4	-62.8	-7.8	-8.4
2 Qtr.	18.4	55.4	-14.9	(4/)	-23.1	-24.7
3 Qtr.	-3.0	1.3	-38.2	31,146.4	58.3	-18.3
4 Qtr.	-45.5	-72.8	-13.7	34,713.9	35.5	-41.4
2017 1 Qtr.	1.6	19.0	-9.9	383,860.3	-10.0	-42.0
2 Qtr.	-33.5	-40.9	10.8	3,131,631.1	-38.1	-44.5
3 Qtr.	48.0	29.2	125.7	13,190.8	-13.1	36.4
4 Qtr.	90.3	270.1	70.4	458.1	-28.1	-6.7
2018 1 Qtr.	-0.1	-5.9	11.2	10.2	-10.3	22.8
2 Qtr.	97.1	36.7	313.1	-62.1	297.9	98.9
3 Qtr.	12.3	-6.6	76.5	-85.1	2.8	74.8
4 Qtr.	-3.4	-26.2	80.9	-84.0	8.8	59.4
2019 1 Qtr.	12.5	3.3	41.8	-61.1	5.3	32.6
2 Qtr.	-28.1	-23.6	-54.8	-81.4	-32.1	26.3
3 Qtr.	1.1	0.9	42.9	-81.6	-27.4	-27.5
4 Qtr.	-16.9	-0.8	21.9	-79.4	-129.2	-10.9
2020 1 Qtr.	7.8	9.3	16.0	-79.9	24.7	-13.5
2 Qtr.	10.7	57.1	8.5	-60.0	-15.4	-62.4
3 Qtr.	-39.2	-12.4	-100.9	-27.3	20.7	4.3
4 Qtr.	100.2	183.5	-19.9	-57.3	-254.9	-30.5
2021 1 Qtr.	-18.5	-23.7	5.8	-95.1	-25.4	-38.1
2 Qtr.	-6.2	-32.9	27.9	-86.4	19.2	100.8
3 Qtr.	21.8	11.5	-4,304.9	(4/)	-20.0	-20.1
4 Qtr.	-46.0	-58.9	-31.4	-85.2	-15.7	82.3
2022 1 Qtr.	20.8	37.9	-8.4	-14.3	-66.9	118.9
2 Qtr.	-20.8	-1.0	-33.2	-19.2	-79.6	-9.1
3 Qtr.	6.5	9.5	0.9	(4/)	-51.9	30.2
4 Qtr.	-1.4	-12.2	-22.8	108.7	152.7	-0.1

This table is not directly comparable to Contracts Awarded data in Table E-1.
1/ Consists of general obligation bonds and reimbursable general obligation bonds.
2/ Consists of revenue bonds and special purpose revenue bonds.
3/ Includes special federal aid: interstate, primary, secondary; and federal funds.
4/ Percentage changes involving zero or negative data not meaningful.
Source: Hawaii State Department of Accounting and General Services, Report 300s.

Table E-3. PRIVATE RESIDENTIAL BUILDING PERMITS - NUMBER OF UNITS AUTHORIZED

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Number of Units					
1982	785	718	2,457	2,919	6,879
1983	907	1,110	1,920	811	4,748
1984	1,153	1,655	1,249	1,406	5,463
1985	1,947	1,932	1,989	1,581	7,449
1986	2,172	1,526	1,818	1,619	7,135
1987	2,011	2,206	1,528	1,780	7,525
1988	1,751	2,469	2,624	2,049	8,893
1989	1,783	3,121	2,657	2,234	9,795
1990	2,417	2,166	1,481	2,610	8,674
1991	3,424	1,983	2,067	2,155	9,629
1992	1,837	1,542	2,607	1,333	7,319
1993	1,419	1,865	2,184	1,704	7,172
1994	1,388	1,937	2,056	2,000	7,381
1995	2,086	1,428	2,054	970	6,538
1996	976	738	1,323	852	3,889
1997	630	1,412	936	832	3,810
1998	808	788	903	857	3,356
1999	902	1,031	1,036	1,154	4,123
2000	1,108	1,147	1,265	1,233	4,753
2001	1,081	1,274	1,374	1,090	4,819
2002	877	1,618	1,679	1,672	5,846
2003	1,726	1,992	1,464	1,525	6,707
2004	2,687	2,088	1,667	2,129	8,571
2005	1,845	2,173	2,678	3,010	9,706
2006	1,941	1,699	1,764	1,579	6,983
2007	1,622	2,640	1,411	1,195	6,868
2008	919	2,017	1,001	831	4,768
2009	882	556	650	634	2,722
2010	1,354	813	714	499	3,380
2011	485	600	1,036	649	2,770
2012	636	1,008	664	947	3,255
2013	949	631	1,282	699	3,561
2014 1/	400	753	590	1,076	2,819
2015	1,410	1,131	1,205	1,502	5,248
2016	627	1,192	839	1,467	4,125
2017	949	1,188	1,344	934	4,415
2018	1,160	1,507	1,387	758	4,812
2019	926	858	788	988	3,560
2020	498	676	742	960	2,876
2021	882	1,992	1,407	993	5,274
2022	1,124	710	632	1,470	3,936
Percentage Change from the Same Period in Previous Year					
1983	15.5	54.6	-21.9	-72.2	-31.0
1984	27.1	49.1	-34.9	73.4	15.1
1985	68.9	16.7	59.2	12.4	36.4
1986	11.6	-21.0	-8.6	2.4	-4.2
1987	-7.4	44.6	-16.0	9.9	5.5
1988	-12.9	11.9	71.7	15.1	18.2
1989	1.8	26.4	1.3	9.0	10.1
1990	35.6	-30.6	-44.3	16.8	-11.4
1991	41.7	-8.4	39.6	-17.4	11.0
1992	-46.3	-22.2	26.1	-38.1	-24.0
1993	-22.8	20.9	-16.2	27.8	-2.0
1994	-2.2	3.9	-5.9	17.4	2.9
1995	50.3	-26.3	-0.1	-51.5	-11.4
1996	-53.2	-48.3	-35.6	-12.2	-40.5
1997	-35.5	91.3	-29.3	-2.3	-2.0
1998	28.3	-44.2	-3.5	3.0	-11.9
1999	11.6	30.8	14.7	34.7	22.9
2000	22.8	11.3	22.1	6.8	15.3
2001	-2.4	11.1	8.6	-11.6	1.4
2002	-18.9	27.0	22.2	53.4	21.3
2003	96.8	23.1	-12.8	-8.8	14.7
2004	55.7	4.8	13.9	39.6	27.8
2005	-31.3	4.1	60.6	41.4	13.2
2006	5.2	-21.8	-34.1	-47.5	-28.1
2007	-16.4	55.4	-20.0	-24.3	-1.6
2008	-43.3	-23.6	-29.1	-30.5	-30.6
2009	-4.0	-72.4	-35.1	-23.7	-42.9
2010	53.5	46.2	9.8	-21.3	24.2
2011	-64.2	-26.2	45.1	30.1	-18.0
2012	31.1	68.0	-35.9	45.9	17.5
2013	49.2	-37.4	93.1	-26.2	9.4
2014 1/	-57.9	19.3	-54.0	53.9	-20.8
2015	252.5	50.2	104.2	39.6	86.2
2016	-55.5	5.4	-30.4	-2.3	-21.4
2017	51.4	-0.3	60.2	-36.3	7.0
2018	22.2	26.9	3.2	-18.8	9.0
2019	-20.2	-43.1	-43.2	30.3	-26.0
2020	-46.2	-21.2	-5.8	-2.8	-19.2
2021	77.1	194.7	89.6	3.4	83.4
2022	27.4	-64.4	-55.1	48.0	-25.4

1/ Includes County of Hawaii Q1 Permit issued for one unit as Category R-4 'Group living facility'.
Source: County building departments and U.S. Census Bureau.

Table E-4. PRIVATE RESIDENTIAL BUILDING PERMITS - NUMBER OF SINGLE FAMILY UNITS AUTHORIZED

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Units					
1982	472	536	626	651	2,285
1983	896	952	862	707	3,417
1984	1,092	1,324	1,115	911	4,442
1985	796	1,236	1,644	1,269	4,945
1986	925	1,227	1,309	1,195	4,656
1987	1,523	1,639	1,429	1,475	6,066
1988	1,323	1,767	2,096	1,114	6,300
1989	1,474	1,620	1,993	1,777	6,864
1990	1,922	1,476	1,132	1,472	6,002
1991	1,094	1,010	1,303	1,419	4,826
1992	1,317	1,058	1,388	816	4,579
1993	1,147	1,309	1,064	1,228	4,748
1994	961	963	1,426	1,226	4,576
1995	796	1,138	1,180	778	3,892
1996	756	630	882	540	2,808
1997	533	757	784	628	2,702
1998	679	742	748	785	2,954
1999	799	858	776	983	3,416
2000	976	1,114	1,004	1,014	4,108
2001	1,035	1,095	1,014	781	3,925
2002	839	1,218	1,259	1,218	4,534
2003	1,385	1,648	1,326	1,432	5,791
2004	1,451	1,395	1,335	1,320	5,501
2005	1,708	1,578	1,991	1,660	6,937
2006	1,647	1,415	1,484	1,181	5,727
2007	1,173	1,338	1,151	1,110	4,772
2008	886	931	801	419	3,037
2009	713	529	614	481	2,337
2010	401	529	487	445	1,862
2011	401	461	407	394	1,663
2012	427	534	548	455	1,964
2013	411	603	612	578	2,204
2014	399	645	590	493	2,127
2015	564	732	575	509	2,380
2016	514	526	592	543	2,175
2017	555	708	648	546	2,457
2018	663	567	719	651	2,600
2019	583	609	620	580	2,392
2020	484	505	564	614	2,167
2021	650	584	517	693	2,444
2022	583	419	535	491	2,028
Percentage Change from the Same Period in Previous Year					
1983	89.8	77.6	37.7	8.6	49.5
1984	21.9	39.1	29.4	28.9	30.0
1985	-27.1	-6.6	47.4	39.3	11.3
1986	16.2	-0.7	-20.4	-5.8	-5.8
1987	64.6	33.6	9.2	23.4	30.3
1988	-13.1	7.8	46.7	-24.5	3.9
1989	11.4	-8.3	-4.9	59.5	9.0
1990	30.4	-8.9	-43.2	-17.2	-12.6
1991	-43.1	-31.6	15.1	-3.6	-19.6
1992	20.4	4.8	6.5	-42.5	-5.1
1993	-12.9	23.7	-23.3	50.5	3.7
1994	-16.2	-26.4	34.0	-0.2	-3.6
1995	-17.2	18.2	-17.3	-36.5	-14.9
1996	-5.0	-44.6	-25.3	-30.6	-27.9
1997	-29.5	20.2	-11.1	16.3	-3.8
1998	27.4	-2.0	-4.6	25.0	9.3
1999	17.7	15.6	3.7	25.2	15.6
2000	22.2	29.8	29.4	3.2	20.3
2001	6.0	-1.7	1.0	-23.0	-4.5
2002	-18.9	11.2	24.2	56.0	15.5
2003	65.1	35.3	5.3	17.6	27.7
2004	4.8	-15.4	0.7	-7.8	-5.0
2005	17.7	13.1	49.1	25.8	26.1
2006	-3.6	-10.3	-25.5	-28.9	-17.4
2007	-28.8	-5.4	-22.4	-6.0	-16.7
2008	-24.5	-30.4	-30.4	-62.3	-36.4
2009	-19.5	-43.2	-23.3	14.8	-23.0
2010	-43.8	0.0	-20.7	-7.5	-20.3
2011	0.0	-12.9	-16.4	-11.5	-10.7
2012	6.5	15.8	34.6	15.5	18.1
2013	-3.7	12.9	11.7	27.0	12.2
2014	-2.9	7.0	-3.6	-14.7	-3.5
2015	41.4	13.5	-2.5	3.2	11.9
2016	-8.9	-28.1	3.0	6.7	-8.6
2017	8.0	34.6	9.5	0.6	13.0
2018	19.5	-19.9	11.0	19.2	5.8
2019	-12.1	7.4	-13.8	-10.9	-8.0
2020	-17.0	-17.1	-9.0	5.9	-9.4
2021	34.3	15.6	-8.3	12.9	12.8
2022	-10.3	-28.3	3.5	-29.1	-17.0

Source: County building departments and U.S. Census Bureau.

Table E-5. PRIVATE RESIDENTIAL BUILDING PERMITS - NUMBER OF MULTI-FAMILY UNITS AUTHORIZED

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Number of Units					
1982	313	182	1,831	2,268	4,594
1983	11	158	1,058	104	1,331
1984	61	331	134	495	1,021
1985	1,151	696	345	312	2,504
1986	1,247	299	509	424	2,479
1987	488	567	99	305	1,459
1988	428	702	528	935	2,593
1989	309	1,501	664	457	2,931
1990	495	690	349	1,138	2,672
1991	2,330	973	764	736	4,803
1992	520	484	1,219	517	2,740
1993	272	556	1,120	476	2,424
1994	427	974	630	774	2,805
1995	1,290	290	874	192	2,646
1996	220	108	441	312	1,081
1997	97	655	152	204	1,108
1998	129	46	155	72	402
1999	103	173	260	171	707
2000	132	33	261	219	645
2001	46	179	360	309	894
2002	38	400	420	454	1,312
2003	341	344	138	93	916
2004	1,236	693	332	809	3,070
2005	137	595	687	1,350	2,769
2006	294	284	280	398	1,256
2007	449	1,302	260	85	2,096
2008	33	1,086	200	412	1,731
2009	169	27	36	153	385
2010	953	284	227	54	1,518
2011	84	139	629	255	1,107
2012	209	474	116	492	1,291
2013	538	28	670	121	1,357
2014 1/	1	108	0	583	692
2015	846	399	630	993	2,868
2016	113	666	247	924	1,950
2017	394	480	696	388	1,958
2018	497	940	668	107	2,212
2019	343	249	168	408	1,168
2020	14	171	178	346	709
2021	232	1,408	890	300	2,830
2022	541	291	97	979	1,908
Percentage Change from the Same Period in Previous Year					
1983	-96.5	-13.2	-42.2	-95.4	-71.0
1984	454.5	109.5	-87.3	376.0	-23.3
1985	1,786.9	110.3	157.5	-37.0	145.2
1986	8.3	-57.0	47.5	35.9	-1.0
1987	-60.9	89.6	-80.6	-28.1	-41.1
1988	-12.3	23.8	433.3	206.6	77.7
1989	-27.8	113.8	25.8	-51.1	13.0
1990	60.2	-54.0	-47.4	149.0	-8.8
1991	370.7	41.0	118.9	-35.3	79.8
1992	-77.7	-50.3	59.6	-29.8	-43.0
1993	-47.7	14.9	-8.1	-7.9	-11.5
1994	57.0	75.2	-43.8	62.6	15.7
1995	202.1	-70.2	38.7	-75.2	-5.7
1996	-82.9	-62.8	-49.5	62.5	-59.1
1997	-55.9	506.5	-65.5	-34.6	2.5
1998	33.0	-93.0	2.0	-64.7	-63.7
1999	-20.2	276.1	67.7	137.5	75.9
2000	28.2	-80.9	0.4	28.1	-8.8
2001	-65.2	442.4	37.9	41.1	38.6
2002	-17.4	123.5	16.7	46.9	46.8
2003	797.4	-14.0	-67.1	-79.5	-30.2
2004	262.5	101.5	140.6	769.9	235.2
2005	-88.9	-14.1	106.9	66.9	-9.8
2006	114.6	-52.3	-59.2	-70.5	-54.6
2007	52.7	358.5	-7.1	-78.6	66.9
2008	-92.7	-16.6	-23.1	384.7	-17.4
2009	412.1	-97.5	-82.0	-62.9	-77.8
2010	463.9	951.9	530.6	-64.7	294.3
2011	-91.2	-51.1	177.1	372.2	-27.1
2012	148.8	241.0	-81.6	92.9	16.6
2013	157.4	-94.1	477.6	-75.4	5.1
2014 1/	-99.8	285.7	(2/)	381.8	-49.0
2015	84,500.0	269.4	(2/)	70.3	314.5
2016	-86.6	66.9	-60.8	-6.9	-32.0
2017	248.7	-27.9	181.8	-58.0	0.4
2018	26.1	95.8	-4.0	-72.4	13.0
2019	-31.0	-73.5	-74.9	281.3	-47.2
2020	-95.9	-31.3	6.0	-15.2	-39.3
2021	1,557.1	723.4	400.0	-13.3	299.2
2022	133.2	-79.3	-89.1	226.3	-32.6

1/ Q1 Permit issued for one unit as Category R-4 'Group living facility'.
2/ Percentage change calculations involving zero not meaningful.
Source: County building departments and U.S. Census Bureau.

Table E-6. HONOLULU CONSTRUCTION COST INDEX: SINGLE FAMILY RESIDENCE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Index Numbers January 1992 = 100					
1982	65.4	64.5	65.0	66.3	65.3
1983	69.6	71.0	72.4	73.1	71.5
1984	74.7	74.3	74.5	75.0	74.6
1985	76.1	75.7	77.6	77.2	76.7
1986	78.5	78.1	79.1	81.5	79.3
1987	80.9	81.3	82.5	83.6	82.1
1988	86.7	85.4	86.6	88.0	86.7
1989	89.5	90.5	90.3	91.5	90.5
1990	91.6	92.5	97.3	99.0	95.1
1991	98.6	97.7	98.3	99.1	98.4
1992	101.5	102.7	103.1	103.3	102.7
1993	108.2	114.9	112.2	110.6	111.5
1994	118.4	124.3	121.6	120.5	121.2
1995	117.6	117.8	118.3	119.3	118.2
1996	120.7	122.5	129.3	129.6	125.6
1997	128.1	129.2	130.2	129.7	129.3
1998	129.3	129.2	129.1	129.0	129.2
1999	129.7	131.0	128.7	129.8	129.8
2000	132.1	133.8	136.3	138.7	135.2
2001	139.6	141.6	143.4	145.8	142.6
2002	147.3	148.7	150.5	152.9	149.9
2003	154.0	154.3	154.6	155.8	154.7
2004	159.0	162.4	164.1	167.0	163.1
2005	167.5	173.0	178.2	181.7	175.1
2006	185.6	188.7	193.8	201.5	192.4
2007	203.8	204.8	207.0	214.8	207.6
2008	215.6	216.1	218.4	226.9	219.2
2009	221.2	218.5	221.5	227.9	222.3
2010	222.3	218.2	222.0	223.9	221.6
2011	226.7	223.9	227.1	227.1	226.2
2012	232.4	229.8	233.4	233.2	232.2
2013	239.8	240.9	245.8	249.2	243.9
2014	253.7	255.6	264.0	267.7	260.3
2015	272.7	268.4	275.1	278.4	273.6
2016	277.4	271.0	283.3	282.9	278.6
2017	280.5	274.8	285.0	283.7	281.0
2018	278.8	274.4	287.6	287.4	282.1
2019	284.1	281.8	300.0	296.9	290.7
2020 1/	293.5	290.5	302.3	305.0	297.8
2021 1/	302.3	300.4	321.3	327.9	313.0
2022 1/	320.4	318.4	341.8	348.7	332.3
Percentage Change from the Same Period in Previous Year					
1983	6.4	10.1	11.4	10.3	9.5
1984	7.3	4.6	2.9	2.6	4.3
1985	1.9	1.9	4.2	2.9	2.7
1986	3.2	3.2	1.9	5.6	3.5
1987	3.1	4.1	4.3	2.6	3.5
1988	7.2	5.0	5.0	5.3	5.6
1989	3.2	6.0	4.3	4.0	4.4
1990	2.3	2.2	7.8	8.2	5.1
1991	7.6	5.6	1.0	0.1	3.5
1992	2.9	5.1	4.9	4.2	4.3
1993	6.6	11.9	8.8	7.1	8.6
1994	9.4	8.2	8.4	9.0	8.7
1995	-0.7	-5.2	-2.7	-1.0	-2.4
1996	2.7	4.0	9.3	8.7	6.2
1997	6.1	5.4	0.7	0.1	3.0
1998	0.9	0.0	-0.8	-0.5	-0.1
1999	0.3	1.4	-0.3	0.6	0.5
2000	1.9	2.1	5.9	6.9	4.2
2001	5.7	5.8	5.2	5.1	5.4
2002	5.5	5.0	5.0	4.8	5.1
2003	4.6	3.7	2.7	1.9	3.2
2004	3.2	5.2	6.1	7.2	5.4
2005	5.4	6.5	8.6	8.8	7.4
2006	10.8	9.1	8.8	10.9	9.9
2007	9.8	8.5	6.8	6.6	7.9
2008	5.8	5.5	5.5	5.6	5.6
2009	2.6	1.1	1.4	0.5	1.4
2010	0.5	-0.1	0.2	-1.8	-0.3
2011	2.0	2.6	2.3	1.4	2.1
2012	2.5	2.7	2.8	2.7	2.6
2013	3.2	4.8	5.3	6.9	5.1
2014	5.8	6.1	7.4	7.4	6.7
2015	7.5	5.0	4.2	4.0	5.1
2016	1.7	1.0	3.0	1.6	1.8
2017	1.1	1.4	0.6	0.3	0.8
2018	-0.6	-0.1	0.9	1.3	0.4
2019	1.9	2.7	4.3	3.3	3.1
2020 1/	3.3	3.1	0.8	2.7	2.5
2021 1/	3.0	3.4	6.3	7.5	5.1
2022 1/	6.0	6.0	6.4	6.3	6.2

1/ Preliminary.

First Hawaiian Bank has discontinued the update of this index. The Hawaii State Department of Business, Economic Development & Tourism has compiled preliminary estimates beginning with the 1997 fourth quarter and is reviewing the index with the expectation of continuing it.

Source: First Hawaiian Bank and Hawaii State Department of Business, Economic Development & Tourism.

Table E-7. HONOLULU CONSTRUCTION COST INDEX: HIGH-RISE BUILDING

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Index Numbers January 1992 = 100					
1982	67.0	66.1	66.7	68.6	67.1
1983	71.4	71.0	71.7	72.7	71.7
1984	75.0	73.9	74.1	74.6	74.4
1985	76.2	75.0	76.7	76.8	76.2
1986	78.5	77.4	78.1	79.5	78.4
1987	80.3	81.0	81.3	81.3	81.0
1988	84.7	83.4	84.3	86.0	84.6
1989	88.1	89.1	89.2	91.0	89.4
1990	90.8	92.0	98.5	100.2	95.4
1991	99.6	98.7	99.6	99.0	99.2
1992	99.7	98.5	99.6	100.0	99.5
1993	102.7	103.3	104.0	105.8	104.0
1994	107.7	109.1	109.6	113.2	109.9
1995	113.5	113.5	114.2	115.3	114.1
1996	115.8	116.0	117.4	118.3	116.9
1997	118.3	119.8	119.8	119.3	119.3
1998	119.3	119.3	119.4	119.4	119.4
1999	120.0	121.2	121.9	121.1	121.1
2000	122.7	124.2	128.7	130.9	126.6
2001	131.7	133.7	134.9	136.2	134.1
2002	137.5	138.8	139.9	141.6	139.5
2003	142.9	143.2	143.6	144.9	143.7
2004	147.8	151.0	152.4	155.3	151.6
2005	155.7	156.9	160.4	165.0	159.5
2006	168.9	171.4	175.0	181.4	174.2
2007	184.6	185.5	187.5	194.3	188.0
2008	196.0	196.7	198.2	205.4	199.1
2009	201.5	199.9	202.8	205.6	202.5
2010	202.3	199.8	202.8	202.8	201.9
2011	205.6	205.2	207.7	208.3	206.7
2012	212.2	211.8	214.0	214.6	213.1
2013	219.4	222.1	226.0	228.4	224.0
2014	233.0	236.1	242.7	245.3	239.3
2015	250.4	245.8	252.4	254.6	250.8
2016	254.8	250.0	257.0	255.9	254.4
2017	256.9	253.0	257.5	255.9	255.8
2018	256.4	253.0	260.6	258.5	257.1
2019	260.9	258.8	272.8	264.4	264.2
2020 1/	267.1	264.8	272.7	270.3	268.7
2021 1/	273.6	273.5	289.2	289.5	281.4
2022 1/	287.0	290.4	308.9	308.6	298.7
Percentage Change from the Same Period in Previous Year					
1983	6.6	7.4	7.5	6.0	6.9
1984	5.0	4.1	3.3	2.6	3.8
1985	1.6	1.5	3.5	2.9	2.4
1986	3.0	3.2	1.8	3.5	2.9
1987	2.3	4.7	4.1	2.3	3.3
1988	5.5	3.0	3.7	5.8	4.5
1989	4.0	6.8	5.8	5.8	5.6
1990	3.1	3.3	10.4	10.1	6.7
1991	9.7	7.3	1.1	-1.2	4.0
1992	0.1	-0.2	0.0	1.0	0.2
1993	3.0	4.9	4.4	5.8	4.5
1994	4.9	5.6	5.4	7.0	5.7
1995	5.4	4.1	4.2	1.8	3.9
1996	2.0	2.1	2.7	2.6	2.4
1997	2.1	3.3	2.1	0.8	2.1
1998	0.9	-0.4	-0.3	0.1	0.1
1999	0.6	1.6	2.1	1.4	1.4
2000	2.3	2.5	5.6	8.1	4.6
2001	7.3	7.6	4.8	4.0	5.9
2002	4.4	3.8	3.7	4.0	4.0
2003	4.0	3.2	2.6	2.3	3.0
2004	3.4	5.4	6.2	7.2	5.5
2005	5.4	3.9	5.2	6.3	5.2
2006	8.4	9.2	9.1	9.9	9.2
2007	9.3	8.2	7.2	7.1	7.9
2008	6.2	6.0	5.7	5.7	5.9
2009	2.8	1.6	2.3	0.1	1.7
2010	0.4	-0.1	0.0	-1.4	-0.3
2011	1.6	2.7	2.4	2.7	2.4
2012	3.2	3.2	3.1	3.0	3.1
2013	3.4	4.9	5.6	6.5	5.1
2014	6.2	6.3	7.4	7.4	6.8
2015	7.5	4.1	4.0	3.8	4.8
2016	1.8	1.7	1.8	0.5	1.4
2017	0.8	1.2	0.2	0.0	0.5
2018	-0.2	0.0	1.2	1.0	0.5
2019	1.8	2.3	4.7	2.3	2.8
2020 1/	2.4	2.3	0.0	2.2	1.7
2021 1/	2.4	3.3	6.1	7.1	4.7
2022 1/	4.9	6.2	6.8	6.6	6.1

1/ Preliminary.

First Hawaiian Bank has discontinued the update of this index. The Hawaii State Department of Business, Economic Development & Tourism has compiled preliminary estimates beginning with the 1997 fourth quarter and is reviewing the index with the expectation of continuing it.

Source: First Hawaiian Bank and Hawaii State Department of Business, Economic Development & Tourism.

Table E-8. ESTIMATED VALUE OF PRIVATE BUILDING CONSTRUCTION AUTHORIZATIONS, BY COUNTY

Year	State	City & County of Honolulu	Hawaii County	Kauai County	Maui County
In Thousands of Dollars					
1982	683,124	473,009	75,175	44,237	90,703
1983	685,205	366,828	86,653	140,456	91,269
1984	581,497	378,299	90,349	53,010	59,839
1985	888,935	525,322	121,442	63,627	178,543
1986	1,023,476	545,558	231,499	92,498	153,920
1987	1,161,897	749,472	145,157	103,481	163,786
1988	1,546,474	743,056	181,228	213,678	408,508
1989	1,882,397	1,048,284	338,060	178,689	317,364
1990	2,101,768	998,922	429,962	238,968	433,916
1991	2,151,849	1,462,676	369,453	118,547	201,173
1992	1,751,871	1,060,701	379,157	111,097	200,915
1993	1,505,420	966,505	248,183	87,557	203,177
1994	1,612,899	1,073,264	181,059	164,681	193,894
1995	1,531,317	980,703	267,108	78,918	204,588
1996	1,117,760	698,697	171,017	101,981	146,065
1997	1,179,182	772,825	155,776	97,808	152,773
1998	1,054,281	624,226	178,220	88,196	163,638
1999	1,320,218	706,358	243,852	140,846	229,162
1/ 2000	1,512,601	694,223	321,704	141,313	355,360
2/ 2001	1,585,739	682,660	380,249	210,094	312,737
2/ 2002	1,772,027	876,049	449,601	172,660	273,716
2/ 2003	2,361,233	1,109,568	629,147	153,242	469,277
2/ 2004	2,726,536	1,320,552	826,494	130,659	448,831
2/ 2005	3,491,964	1,364,030	1,008,386	288,132	831,416
2/ 2006	3,770,051	1,625,328	926,019	239,294	979,412
2/ 2007	3,585,447	1,676,232	912,529	268,915	727,772
2/ 2008	2,906,578	1,481,272	704,317	277,149	443,840
2/ 2009	1,998,908	1,247,196	309,165	218,111	224,437
2/ 2010	1,980,296	1,357,314	360,328	68,047	194,607
2/ 2011	1,858,763	1,272,923	282,638	59,520	243,683
2/ 2012	2,643,840	1,769,454	427,394	79,998	366,994
2/ 2013	2,720,519	1,866,352	443,739	85,413	325,014
2/ 2014	3,315,078	2,072,202	697,063	102,195	443,617
2/ 2015	3,963,607	2,436,954	689,454	105,707	731,491
2/ 2016	3,240,649	2,141,467	576,015	138,481	384,686
2/ 2017	3,127,828	2,007,815	497,218	145,266	477,528
2/ 2018	3,268,292	1,985,648	578,662	144,149	559,832
2/ 2019	3,221,446	2,063,293	552,078	123,067	483,008
2/ 2020	3,108,490	1,816,672	670,865	149,305	471,647
2/ 2021	3,747,106	2,254,312	727,067	130,159	635,569
2/ 2022	3,579,323	2,010,381	855,139	141,785	572,019
1998 1 Qtr.	260,420	162,674	52,080	19,545	26,121
2 Qtr.	246,650	137,076	46,215	21,988	41,371
3 Qtr.	295,956	176,139	40,590	22,169	57,057
4 Qtr.	251,255	148,336	39,335	24,494	39,090
1999 1 Qtr.	342,875	209,028	50,412	37,397	46,038
2 Qtr.	314,335	166,196	50,185	28,112	69,842
3 Qtr.	314,044	148,771	50,609	48,550	66,114
4 Qtr.	348,963	182,363	92,647	26,786	47,167
2000 1 Qtr.	351,834	141,703	80,178	32,445	97,507
2 Qtr.	392,906	188,425	68,330	31,016	105,134
3 Qtr.	377,419	158,598	73,099	47,603	98,120
1/ 4 Qtr.	390,442	205,497	100,097	30,249	54,598
2/ 2001 1 Qtr.	362,528	170,365	62,365	44,834	84,964
2/ 2 Qtr.	423,640	193,982	81,572	66,422	81,664
2/ 3 Qtr.	420,978	175,866	136,244	36,635	72,233
2/ 4 Qtr.	378,595	142,447	100,068	62,203	73,876
2/ 2002 1 Qtr.	336,282	157,413	83,863	40,599	54,407
2/ 2 Qtr.	437,085	204,882	110,402	56,965	64,836
2/ 3 Qtr.	497,553	250,253	148,128	29,271	69,900
2/ 4 Qtr.	501,107	263,501	107,209	45,825	84,573
2/ 2003 1 Qtr.	655,130	307,096	170,277	32,415	145,343
2/ 2 Qtr.	716,692	359,180	158,470	36,133	162,910
2/ 3 Qtr.	530,971	242,783	165,096	44,687	78,405
2/ 4 Qtr.	458,439	200,509	135,304	40,006	82,620
2/ 2004 1 Qtr.	780,750	407,757	217,871	24,331	130,791
2/ 2 Qtr.	718,866	397,720	196,694	34,962	89,489
2/ 3 Qtr.	597,587	257,839	182,630	39,979	117,139
2/ 4 Qtr.	629,333	257,236	229,300	31,386	111,411
2/ 2005 1 Qtr.	706,535	304,995	167,017	126,327	108,196
2/ 2 Qtr.	728,526	342,851	191,238	86,170	108,267
2/ 3 Qtr.	1,050,547	308,329	373,320	42,191	326,707
2/ 4 Qtr.	1,006,356	407,855	276,812	33,443	288,246
2/ 2006 1 Qtr.	766,238	299,983	257,258	28,616	180,380
2/ 2 Qtr.	908,136	406,075	217,061	70,557	214,443
2/ 3 Qtr.	1,051,476	473,556	254,057	91,856	232,007
2/ 4 Qtr.	1,044,202	445,714	197,642	48,265	352,582
2/ 2007 1 Qtr.	737,121	353,732	209,681	58,575	115,132
2/ 2 Qtr.	1,085,692	540,310	306,363	41,091	197,928
2/ 3 Qtr.	896,293	469,854	188,762	102,612	135,064
2/ 4 Qtr.	866,342	312,336	207,722	66,637	279,648
2/ 2008 1 Qtr.	741,141	309,828	243,855	79,728	107,730
2/ 2 Qtr.	1,048,550	528,685	186,956	91,645	241,264
2/ 3 Qtr.	690,037	379,567	175,904	88,683	45,883
2/ 4 Qtr.	426,849	263,191	97,602	17,094	48,963
2/ 2009 1 Qtr.	542,152	247,996	80,818	140,896	72,440
2/ 2 Qtr.	470,698	316,321	73,362	22,792	58,223
2/ 3 Qtr.	558,792	391,101	86,925	36,298	44,469
2/ 4 Qtr.	427,266	291,778	68,060	18,124	49,304
2/ 2010 1 Qtr.	455,332	302,902	98,826	16,472	37,133
2/ 2 Qtr.	537,311	371,068	100,001	12,598	53,645
2/ 3 Qtr.	552,365	400,829	76,920	21,661	52,955
2/ 4 Qtr.	435,288	282,516	84,582	17,317	50,874
2/ 2011 1 Qtr.	380,874	262,764	66,539	17,222	34,348
2/ 2 Qtr.	438,364	313,380	69,836	16,353	38,795
2/ 3 Qtr.	537,695	351,662	97,829	11,838	76,366
2/ 4 Qtr.	501,830	345,117	48,433	14,107	94,174
2/ 2012 1 Qtr.	556,688	318,047	68,366	14,463	155,812
2/ 2 Qtr.	647,291	445,237	114,845	18,931	68,278
2/ 3 Qtr.	686,626	439,663	132,026	29,694	85,243
2/ 4 Qtr.	753,236	566,507	112,158	16,910	57,661
2/ 2013 1 Qtr.	629,074	477,417	85,234	15,178	51,245
2/ 2 Qtr.	714,032	431,670	114,980	19,923	147,459
2/ 3 Qtr.	688,435	492,797	114,104	24,350	57,184
2/ 4 Qtr.	688,977	464,468	129,421	25,962	69,126
2/ 2014 1 Qtr.	758,392	474,522	99,031	15,514	169,325
2/ 2 Qtr.	806,458	468,094	233,543	27,598	77,222
2/ 3 Qtr.	789,623	543,927	138,863	26,516	80,318
2/ 4 Qtr.	960,605	585,659	225,626	32,567	116,753
2/ 2015 1 Qtr.	1,297,604	711,333	138,610	18,758	428,904
2/ 2 Qtr.	840,376	465,408	214,771	34,383	125,814
2/ 3 Qtr.	892,195	588,188	167,353	29,136	107,517
2/ 4 Qtr.	933,431	672,024	168,720	23,430	69,256
2/ 2016 1 Qtr.	545,567	341,486	90,105	21,856	92,120
2/ 2 Qtr.	960,150	607,763	216,414	42,409	93,564
2/ 3 Qtr.	889,375	629,829	144,063	39,914	75,569
2/ 4 Qtr.	845,557	562,389	125,433	34,302	123,433
2/ 2017 1 Qtr.	919,507	627,931	122,886	29,191	139,499
2/ 2 Qtr.	821,035	557,380	105,175	28,294	130,186
2/ 3 Qtr.	722,367	463,709	99,947	52,918	105,793
2/ 4 Qtr.	664,919	358,796	169,210	34,863	102,050
2/ 2018 1 Qtr.	699,830	394,041	141,494	37,576	126,719
2/ 2 Qtr.	1,108,592	755,318	114,784	47,491	190,998
2/ 3 Qtr.	743,220	393,711	182,737	37,217	129,555
2/ 4 Qtr.	716,650	442,578	139,646	21,865	112,560
2/ 2019 1 Qtr.	761,026	524,146	125,297	30,500	81,083
2/ 2 Qtr.	808,957	525,065	121,073	30,280	132,538
2/ 3 Qtr.	798,767	457,271	175,333	29,908	136,255
2/ 4 Qtr.	852,697	556,811	130,375	32,379	133,132
2/ 2020 1 Qtr.	784,793	438,633	165,242	35,273	145,645
2/ 2 Qtr.	693,130	356,013	167,021	36,476	133,619
2/ 3 Qtr.	843,222	577,771	133,443	61,051	70,958
2/ 4 Qtr.	787,346	444,255	205,160	16,506	121,425
2/ 2021 1 Qtr.	802,667	490,981	164,416	43,719	103,552
2/ 2 Qtr.	1,345,841	919,250	260,762	23,285	142,543
2/ 3 Qtr.	937,445	563,456	110,828	36,177	226,984
2/ 4 Qtr.	661,153	280,625	191,060	26,978	162,490
2/ 2022 1 Qtr.	868,127	494,478	186,238	32,737	154,674
2/ 2 Qtr.	634,830	284,613	236,497	29,328	84,392
2/ 3 Qtr.	782,906	384,767	223,581	31,438	143,120
2/ 4 Qtr.	1,293,459	846,522	208,822	48,281	189,834

1/ Kauai County data for November consist of residential data only.

2/ Beginning with 2002, Kauai data available for residential only. Values shown for 2001 are all private authorizations however, percentage change 2001-2002 is based on residential only or 2001Q1 of 32,006; 2001Q2 of 22,290; 2001Q3 of 26,613; 2001Q4 of 53,344 and 2001 of 134

Source: County building departments and U.S. Census Bureau.

Table E-8. ESTIMATED VALUE OF PRIVATE BUILDING CONSTRUCTION AUTHORIZATIONS, BY COUNTY - Con.

Year	State	City & County of Honolulu	Hawaii County	Kauai County	Maui County
Percentage Change From The Same Period in Previous Year					
1983	0.3	-22.4	15.3	217.5	0.6
1984	-15.1	3.1	4.3	-62.3	-34.4
1985	52.9	38.9	34.4	20.0	198.4
1986	15.1	3.9	90.6	45.4	-13.8
1987	13.5	37.4	-37.3	11.9	6.4
1988	33.1	-0.9	24.8	106.5	149.4
1989	21.7	41.1	86.5	-16.4	-22.3
1990	11.7	-4.7	27.2	33.7	36.7
1991	2.4	46.4	-14.1	-50.4	-53.6
1992	-18.6	-27.5	2.6	-6.3	-0.1
1993	-14.1	-8.9	-34.5	-21.2	1.1
1994	7.1	11.0	-27.0	88.1	-4.6
1995	-5.1	-8.6	47.5	-52.1	5.5
1996	-27.0	-28.8	-36.0	29.2	-28.6
1997	5.5	10.6	-8.9	-4.1	4.6
1998	-10.6	-19.2	14.4	-9.8	7.1
1999	25.2	13.2	36.8	59.7	40.0
1/ 2000	14.6	-1.7	31.9	0.3	55.1
2/ 2001	4.8	-1.7	18.2	48.7	-12.0
2/ 2002	11.7	28.3	18.2	-17.8	-12.5
2/ 2003	33.3	26.7	39.9	-11.2	71.4
2/ 2004	15.5	19.0	31.4	-14.7	-4.4
2/ 2005	28.1	3.3	22.0	120.5	85.2
2/ 2006	8.0	19.2	-8.2	-16.9	17.8
2/ 2007	-4.9	3.1	-1.5	12.4	-25.7
2/ 2008	-18.9	-11.6	-22.8	3.1	-39.0
2/ 2009	-31.2	-15.8	-56.1	-21.3	-49.4
2/ 2010	-0.9	8.8	16.5	-68.8	-13.3
2/ 2011	-6.1	-6.2	-21.6	-12.5	25.2
2/ 2012	42.2	39.0	51.2	34.4	50.6
2/ 2013	2.9	5.5	3.8	6.8	-11.4
2/ 2014	21.9	11.0	57.1	19.6	36.5
2/ 2015	19.6	17.6	-1.1	3.4	64.9
2/ 2016	-18.2	-12.1	-16.5	31.0	-47.4
2/ 2017	-3.5	-6.2	-13.7	4.9	24.1
2/ 2018	4.5	-1.1	16.4	-0.8	17.2
2/ 2019	-1.4	3.9	-4.6	-14.6	-13.7
2/ 2020	-3.5	-12.0	21.5	21.3	-2.4
2/ 2021	20.5	24.1	8.4	-12.8	34.8
2/ 2022	-4.5	-10.8	17.6	8.9	-10.0
1999 1 Qtr.	31.7	28.5	-3.2	91.3	76.3
2 Qtr.	27.4	21.2	8.6	27.9	68.8
3 Qtr.	6.1	-15.5	24.7	119.0	15.9
4 Qtr.	38.9	22.9	135.5	9.4	20.7
2000 1 Qtr.	2.6	-32.2	59.0	-13.2	111.8
2 Qtr.	25.0	13.4	36.2	10.3	50.5
3 Qtr.	20.2	6.6	44.4	-2.0	48.4
1/ 4 Qtr.	11.9	12.7	8.0	12.9	15.8
2/ 2001 1 Qtr.	3.0	20.2	-22.2	38.2	-12.9
2/ 2 Qtr.	7.8	2.9	19.4	114.2	-22.3
2/ 3 Qtr.	11.5	10.9	86.4	-23.0	-26.4
2/ 4 Qtr.	-3.0	-30.7	0.0	105.6	35.3
2/ 2002 1 Qtr.	-7.2	-7.6	34.5	26.8	-36.0
2/ 2 Qtr.	3.2	5.6	35.3	155.6	-20.6
2/ 3 Qtr.	18.2	42.3	8.7	10.0	-3.2
2/ 4 Qtr.	32.4	85.0	7.1	-14.1	14.5
2/ 2003 1 Qtr.	94.8	95.1	103.0	-20.2	167.1
2/ 2 Qtr.	64.0	75.3	43.5	-36.6	151.3
2/ 3 Qtr.	6.7	-3.0	11.5	52.7	12.2
2/ 4 Qtr.	-8.5	-23.9	26.2	-12.7	-2.3
2/ 2004 1 Qtr.	19.2	32.8	28.0	-24.9	-10.0
2/ 2 Qtr.	0.3	10.7	24.1	-3.2	-45.1
2/ 3 Qtr.	12.5	6.2	10.6	-10.5	49.4
2/ 4 Qtr.	37.3	28.3	69.5	-21.5	34.8
2/ 2005 1 Qtr.	-9.5	-25.2	-23.3	419.2	-17.3
2/ 2 Qtr.	1.3	-13.8	-2.8	146.5	21.0
2/ 3 Qtr.	75.8	19.6	104.4	5.5	178.9
2/ 4 Qtr.	59.9	58.6	20.7	6.6	158.7
2/ 2006 1 Qtr.	8.5	-1.6	54.0	-77.3	66.7
2/ 2 Qtr.	24.7	18.4	13.5	-18.1	98.1
2/ 3 Qtr.	0.1	53.6	-31.9	117.7	-29.0
2/ 4 Qtr.	3.8	9.3	-28.6	44.3	22.3
2/ 2007 1 Qtr.	-3.8	17.9	-18.5	104.7	-36.2
2/ 2 Qtr.	19.6	33.1	41.1	-41.8	-7.7
2/ 3 Qtr.	-14.8	-0.8	-25.7	11.7	-41.8
2/ 4 Qtr.	-17.0	-29.9	5.1	38.1	-20.7
2/ 2008 1 Qtr.	0.5	-12.4	16.3	36.1	-6.4
2/ 2 Qtr.	-3.4	-2.2	-39.0	123.0	21.9
2/ 3 Qtr.	-23.0	-19.2	-6.8	-13.6	-66.0
2/ 4 Qtr.	-50.7	-15.7	-53.0	-74.3	-82.5
2/ 2009 1 Qtr.	-26.8	-20.0	-66.9	76.7	-32.8
2/ 2 Qtr.	-55.1	-40.2	-60.8	-75.1	-75.9
2/ 3 Qtr.	-19.0	3.0	-50.6	-59.1	-3.1
2/ 4 Qtr.	0.1	10.9	-30.3	6.0	0.7
2/ 2010 1 Qtr.	-16.0	22.1	22.3	-88.3	-48.7
2/ 2 Qtr.	14.2	17.3	36.3	-44.7	-7.9
2/ 3 Qtr.	-1.2	2.5	-11.5	-40.3	19.1
2/ 4 Qtr.	1.9	-3.2	24.3	-4.5	3.2
2/ 2011 1 Qtr.	-16.4	-13.3	-32.7	4.6	-7.5
2/ 2 Qtr.	-18.4	-15.5	-30.2	29.8	-27.7
2/ 3 Qtr.	-2.7	-12.3	27.2	-45.3	44.2
2/ 4 Qtr.	15.3	22.2	-42.7	-18.5	85.1
2/ 2012 1 Qtr.	46.2	21.0	2.7	-16.0	353.6
2/ 2 Qtr.	47.7	42.1	64.4	15.8	76.0
2/ 3 Qtr.	27.7	25.0	35.0	150.8	11.6
2/ 4 Qtr.	50.1	64.1	131.6	19.9	-38.8
2/ 2013 1 Qtr.	13.0	50.1	24.7	4.9	-67.1
2/ 2 Qtr.	10.3	-3.0	0.1	5.2	116.0
2/ 3 Qtr.	0.3	12.1	-13.6	-18.0	-32.9
2/ 4 Qtr.	-8.5	-18.0	15.4	53.5	19.9
2/ 2014 1 Qtr.	20.6	-0.6	16.2	2.2	230.4
2/ 2 Qtr.	12.9	8.4	103.1	38.5	-47.6
2/ 3 Qtr.	14.7	10.4	21.7	8.9	40.5
2/ 4 Qtr.	39.4	26.1	74.3	25.4	68.9
2/ 2015 1 Qtr.	71.1	49.9	40.0	20.9	153.3
2/ 2 Qtr.	4.2	-0.6	-8.0	24.6	62.9
2/ 3 Qtr.	13.0	8.1	20.5	9.9	33.9
2/ 4 Qtr.	-2.8	14.7	-25.2	-28.1	-40.7
2/ 2016 1 Qtr.	-58.0	-52.0	-35.0	16.5	-78.5
2/ 2 Qtr.	14.3	30.6	0.8	23.3	-25.6
2/ 3 Qtr.	-0.3	7.1	-13.9	37.0	-29.7
2/ 4 Qtr.	-9.4	-16.3	-25.7	46.4	78.2
2/ 2017 1 Qtr.	68.5	83.9	36.4	33.6	51.4
2/ 2 Qtr.	-14.5	-8.3	-51.4	-33.3	39.1
2/ 3 Qtr.	-18.8	-26.4	-30.6	32.6	40.0
2/ 4 Qtr.	-21.4	-36.2	34.9	1.6	-17.3
2/ 2018 1 Qtr.	-23.9	-37.2	15.1	28.7	-9.2
2/ 2 Qtr.	35.0	35.5	9.1	67.8	46.7
2/ 3 Qtr.	2.9	-15.1	82.8	-29.7	22.5
2/ 4 Qtr.	7.8	23.4	-17.5	-37.3	10.3
2/ 2019 1 Qtr.	8.7	33.0	-11.4	-18.8	-36.0
2/ 2 Qtr.	-27.0	-30.5	5.5	-36.2	-30.6
2/ 3 Qtr.	7.5	16.1	-4.1	-19.6	5.2
2/ 4 Qtr.	19.0	25.8	-6.6	48.1	18.3
2/ 2020 1 Qtr.	3.1	-16.3	31.9	15.7	79.6
2/ 2 Qtr.	-14.3	-32.2	38.0	20.5	0.8
2/ 3 Qtr.	5.6	26.4	-23.9	104.1	-47.9
2/ 4 Qtr.	-7.7	-20.2	57.4	-49.0	-8.8
2/ 2021 1 Qtr.	2.3	11.9	-0.5	23.9	-28.9
2/ 2 Qtr.	94.2	158.2	56.1	-36.2	6.7
2/ 3 Qtr.	11.2	-2.5	-16.9	-40.7	219.9
2/ 4 Qtr.	-16.0	-36.8	-6.9	63.4	33.8
2/ 2022 1 Qtr.	8.2	0.7	13.3	-25.1	49.4
2/ 2 Qtr.	-52.8	-69.0	-9.3	26.0	-40.8
2/ 3 Qtr.	-16.5	-31.7	101.7	-13.1	-36.9
2/ 4 Qtr.	95.6	201.7	9.3	79.0	16.8

1/ Kauai County data for November consist of residential data only.

2/ Beginning with 2002, Kauai data available for residential only. Values shown for 2001 are all private authorizations however, percentage change 2001-2002 is based on residential only or 2001Q1 of 32,006; 2001Q2 of 22,290; 2001Q3 of 26,613; 2001Q4 of 53,344 and 2001 of 134

Source: County building departments and U.S. Census Bureau.

Table E-9. HOME SALES BY TYPE OF HOME

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	18,813	8,842	9,971	517,829	603,676	441,703
2009	16,188	8,384	7,804	466,218	530,231	397,448
2010	21,167	11,073	10,094	486,107	535,993	431,383
2011	17,092	7,626	9,466	470,407	570,928	389,425
2012	16,220	7,544	8,676	493,111	604,739	396,047
2013	17,834	8,068	9,766	541,872	682,282	425,876
2014	17,713	8,075	9,638	594,440	725,920	484,281
2015	19,355	8,227	11,128	592,447	755,414	471,964
2016	19,834	8,239	11,595	655,775	771,985	573,200
2017	20,474	8,340	12,134	697,634	802,613	625,480
2018	20,409	8,632	11,777	719,489	841,532	630,036
2019	20,110	9,187	10,923	672,232	796,752	567,502
2020	18,549	9,518	9,031	717,442	834,534	594,035
2021	25,970	12,048	13,922	849,558	1,053,819	672,793
2022	21,131	9,666	11,465	878,005	1,065,105	720,263
2008 1 Qtr.	4,882	2,185	2,697	543,687	644,244	462,220
2 Qtr.	5,717	2,400	3,317	517,020	604,978	453,379
3 Qtr.	4,618	2,220	2,398	517,587	603,286	438,250
4 Qtr.	3,596	2,037	1,559	484,320	559,051	386,677
2009 1 Qtr.	3,286	1,698	1,588	455,567	545,684	359,207
2 Qtr.	3,702	2,024	1,678	457,789	532,725	367,403
3 Qtr.	4,256	2,172	2,084	436,341	504,442	365,364
4 Qtr.	4,944	2,490	2,454	505,329	540,162	469,985
2010 1 Qtr.	4,281	2,265	2,016	477,851	548,302	398,699
2 Qtr.	6,055	3,025	3,030	496,049	533,559	458,601
3 Qtr.	5,443	2,897	2,546	491,228	565,075	407,201
4 Qtr.	5,388	2,886	2,502	476,322	499,691	449,365
2011 1 Qtr.	4,011	1,820	2,191	478,389	567,098	404,701
2 Qtr.	4,512	2,077	2,435	471,072	560,662	394,655
3 Qtr.	4,283	1,947	2,336	460,414	575,039	364,876
4 Qtr.	4,286	1,782	2,504	472,223	582,315	393,875
2012 1 Qtr.	3,413	1,572	1,841	459,345	563,182	370,680
2 Qtr.	4,109	1,865	2,244	482,052	580,873	399,922
3 Qtr.	3,952	1,818	2,134	486,333	606,987	383,546
4 Qtr.	4,746	2,289	2,457	532,611	650,939	422,374
2013 1 Qtr.	3,781	1,586	2,195	526,043	662,686	427,312
2 Qtr.	4,833	2,170	2,663	545,304	686,375	430,350
3 Qtr.	4,903	2,329	2,574	538,647	661,214	427,746
4 Qtr.	4,317	1,983	2,334	555,558	718,221	417,357
2014 1 Qtr.	3,873	1,771	2,102	581,435	722,795	462,336
2 Qtr.	4,615	2,026	2,589	598,619	754,903	476,320
3 Qtr.	4,468	2,135	2,333	557,521	686,764	439,246
4 Qtr.	4,757	2,143	2,614	635,648	740,111	550,008
2015 1 Qtr.	4,504	1,835	2,669	603,120	747,432	503,902
2 Qtr.	5,392	2,178	3,214	568,069	743,037	449,500
3 Qtr.	5,055	2,227	2,828	598,615	760,720	470,960
4 Qtr.	4,404	1,987	2,417	604,299	770,405	467,744
2016 1 Qtr.	4,346	1,881	2,465	641,145	719,169	581,607
2 Qtr.	5,304	2,138	3,166	646,028	809,812	535,424
3 Qtr.	4,979	2,163	2,816	623,381	764,212	515,208
4 Qtr.	5,205	2,057	3,148	708,910	789,137	656,487
2017 1 Qtr.	4,767	1,845	2,922	645,780	783,748	558,665
2 Qtr.	5,276	2,335	2,941	631,397	763,181	526,766
3 Qtr.	5,010	2,107	2,903	701,797	769,823	652,423
4 Qtr.	5,421	2,053	3,368	803,853	898,069	746,422
2018 1 Qtr.	4,530	2,044	2,486	725,533	855,366	618,784
2 Qtr.	5,194	2,280	2,914	735,011	866,978	631,756
3 Qtr.	5,260	2,217	3,043	718,556	817,512	646,461
4 Qtr.	5,425	2,091	3,334	700,483	825,732	621,931
2019 1 Qtr.	4,270	1,838	2,432	681,143	806,527	586,383
2 Qtr.	5,618	2,403	3,215	644,817	773,779	548,427
3 Qtr.	5,299	2,544	2,755	697,998	821,080	584,343
4 Qtr.	4,923	2,402	2,521	668,055	786,489	555,212
2020 1 Qtr.	4,386	2,157	2,229	671,208	766,286	579,202
2 Qtr.	3,558	1,896	1,662	702,608	806,751	583,802
3 Qtr.	4,943	2,564	2,379	706,073	817,479	586,003
4 Qtr.	5,662	2,901	2,761	772,502	918,511	619,090
2021 1 Qtr.	5,602	2,709	2,893	835,417	1,025,995	656,961
2 Qtr.	7,007	3,340	3,667	834,852	1,035,175	652,393
3 Qtr.	6,631	3,132	3,499	861,913	1,072,441	673,467
4 Qtr.	6,730	2,867	3,863	864,467	1,081,485	703,404
2022 1 Qtr.	5,670	2,690	2,980	873,399	1,056,548	708,074
2 Qtr.	6,244	2,814	3,430	925,151	1,167,437	726,377
3 Qtr.	5,323	2,322	3,001	849,652	1,027,278	712,215
4 Qtr.	3,894	1,840	2,054	847,872	968,850	739,498

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table E-9. HOME SALES BY TYPE OF HOME -- Con.

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
Percentage Change from the Same Period in Previous Year						
2009	-14.0	-5.2	-21.7	-10.0	-12.2	-10.0
2010	30.8	32.1	29.3	4.3	1.1	8.5
2011	-19.3	-31.1	-6.2	-3.2	6.5	-9.7
2012	-5.1	-1.1	-8.3	4.8	5.9	1.7
2013	10.0	6.9	12.6	9.9	12.8	7.5
2014	-0.7	0.1	-1.3	9.7	6.4	13.7
2015	9.3	1.9	15.5	-0.3	4.1	-2.5
2016	2.5	0.1	4.2	10.7	2.2	21.4
2017	3.2	1.2	4.6	6.4	4.0	9.1
2018	-0.3	3.5	-2.9	3.1	4.8	0.7
2019	-1.5	6.4	-7.3	-6.6	-5.3	-9.9
2020	-7.8	3.6	-17.3	6.7	4.7	4.7
2021	40.0	26.6	54.2	18.4	26.3	13.3
2022	-18.6	-19.8	-17.6	3.3	1.1	7.1
2009 1 Qtr.	-32.7	-22.3	-41.1	-16.2	-15.3	-22.3
2 Qtr.	-35.2	-15.7	-49.4	-11.5	-11.9	-19.0
3 Qtr.	-7.8	-2.2	-13.1	-15.7	-16.4	-16.6
4 Qtr.	37.5	22.2	57.4	4.3	-3.4	21.5
2010 1 Qtr.	30.3	33.4	27.0	4.9	0.5	11.0
2 Qtr.	63.6	49.5	80.6	8.4	0.2	24.8
3 Qtr.	27.9	33.4	22.2	12.6	12.0	11.5
4 Qtr.	9.0	15.9	2.0	-5.7	-7.5	-4.4
2011 1 Qtr.	-6.3	-19.6	8.7	0.1	3.4	1.5
2 Qtr.	-25.5	-31.3	-19.6	-5.0	5.1	-13.9
3 Qtr.	-21.3	-32.8	-8.2	-6.3	1.8	-10.4
4 Qtr.	-20.5	-38.3	0.1	-0.9	16.5	-12.3
2012 1 Qtr.	-14.9	-13.6	-16.0	-4.0	-0.7	-8.4
2 Qtr.	-8.9	-10.2	-7.8	2.3	3.6	1.3
3 Qtr.	-7.7	-6.6	-8.6	5.6	5.6	5.1
4 Qtr.	10.7	28.5	-1.9	12.8	11.8	7.2
2013 1 Qtr.	10.8	0.9	19.2	14.5	17.7	15.3
2 Qtr.	17.6	16.4	18.7	13.1	18.2	7.6
3 Qtr.	24.1	28.1	20.6	10.8	8.9	11.5
4 Qtr.	-9.0	-13.4	-5.0	4.3	10.3	-1.2
2014 1 Qtr.	2.4	11.7	-4.2	10.5	9.1	8.2
2 Qtr.	-4.5	-6.6	-2.8	9.8	10.0	10.7
3 Qtr.	-8.9	-8.3	-9.4	3.5	3.9	2.7
4 Qtr.	10.2	8.1	12.0	14.4	3.0	31.8
2015 1 Qtr.	16.3	3.6	27.0	3.7	3.4	9.0
2 Qtr.	16.8	7.5	24.1	-5.1	-1.6	-5.6
3 Qtr.	13.1	4.3	21.2	7.4	10.8	7.2
4 Qtr.	-7.4	-7.3	-7.5	-4.9	4.1	-15.0
2016 1 Qtr.	-3.5	2.5	-7.6	6.3	-3.8	15.4
2 Qtr.	-1.6	-1.8	-1.5	13.7	9.0	19.1
3 Qtr.	-1.5	-2.9	-0.4	4.1	0.5	9.4
4 Qtr.	18.2	3.5	30.2	17.3	2.4	40.4
2017 1 Qtr.	9.7	-1.9	18.5	0.7	9.0	-3.9
2 Qtr.	-0.5	9.2	-7.1	-2.3	-5.8	-1.6
3 Qtr.	0.6	-2.6	3.1	12.6	0.7	26.6
4 Qtr.	4.1	-0.2	7.0	13.4	13.8	13.7
2018 1 Qtr.	-5.0	10.8	-14.9	12.3	9.1	10.8
2 Qtr.	-1.6	-2.4	-0.9	16.4	13.6	19.9
3 Qtr.	5.0	5.2	4.8	2.4	6.2	-0.9
4 Qtr.	0.1	1.9	-1.0	-12.9	-8.1	-16.7
2019 1 Qtr.	-5.7	-10.1	-2.2	-6.1	-5.7	-5.2
2 Qtr.	8.2	5.4	10.3	-12.3	-10.7	-13.2
3 Qtr.	0.7	14.7	-9.5	-2.9	0.4	-9.6
4 Qtr.	-9.3	14.9	-24.4	-4.6	-4.8	-10.7
2020 1 Qtr.	2.7	17.4	-8.3	-1.5	-5.0	-1.2
2 Qtr.	-36.7	-21.1	-48.3	9.0	4.3	6.5
3 Qtr.	-6.7	0.8	-13.6	1.2	-0.4	0.3
4 Qtr.	15.0	20.8	9.5	15.6	16.8	11.5
2021 1 Qtr.	27.7	25.6	29.8	24.5	33.9	13.4
2 Qtr.	96.9	76.2	120.6	18.8	28.3	11.7
3 Qtr.	34.1	22.2	47.1	22.1	31.2	14.9
4 Qtr.	18.9	-1.2	39.9	11.9	17.7	13.6
2022 1 Qtr.	1.2	-0.7	3.0	4.5	3.0	7.8
2 Qtr.	-10.9	-15.7	-6.5	10.8	12.8	11.3
3 Qtr.	-19.7	-25.9	-14.2	-1.4	-4.2	5.8
4 Qtr.	-42.1	-35.8	-46.8	-1.9	-10.4	5.1

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table E-10. HOME SALES BY ORIGIN OF BUYER

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	13,616	4,427	770	467,082	653,776	633,598
2009	11,426	4,163	599	422,650	528,042	867,617
2010	14,069	6,207	891	445,632	532,752	800,285
2011	11,889	4,349	854	433,611	507,601	793,250
2012	12,017	3,406	797	454,075	581,827	702,552
2013	13,378	3,775	681	494,544	663,508	797,359
2014	13,455	3,655	603	533,470	757,000	969,551
2015	15,077	3,698	580	546,146	751,210	783,774
2016	15,311	3,702	821	589,614	795,652	1,258,892
2017	15,835	3,917	722	629,455	866,514	1,276,758
2018	15,525	3,956	928	650,139	867,190	1,250,040
2019	15,823	3,747	540	622,960	824,451	1,059,771
2020	15,081	3,225	243	650,808	994,524	1,175,499
2021	19,696	5,806	468	737,197	1,199,098	1,241,943
2022	15,923	4,735	473	780,848	1,152,955	1,396,278
2008 1 Qtr.	3,475	1,191	216	479,612	715,999	624,424
2 Qtr.	4,042	1,387	288	465,910	650,242	592,750
3 Qtr.	3,365	1,064	189	460,651	674,495	647,957
4 Qtr.	2,734	785	77	460,803	537,530	776,871
2009 1 Qtr.	2,252	918	116	396,762	571,721	677,967
2 Qtr.	2,697	920	85	420,432	559,790	539,114
3 Qtr.	3,021	1,109	126	418,820	458,472	661,637
4 Qtr.	3,456	1,216	272	444,598	534,498	1,146,571
2010 1 Qtr.	2,817	1,192	272	440,525	542,489	581,157
2 Qtr.	4,003	1,778	274	445,745	549,250	885,733
3 Qtr.	3,530	1,744	169	465,592	508,060	853,024
4 Qtr.	3,719	1,493	176	430,431	534,173	955,270
2011 1 Qtr.	2,666	1,116	229	419,258	533,637	897,540
2 Qtr.	3,012	1,263	237	425,424	511,311	836,771
3 Qtr.	3,003	1,084	196	430,889	497,059	710,109
4 Qtr.	3,208	886	192	455,775	482,415	700,016
2012 1 Qtr.	2,399	805	209	420,131	522,616	665,763
2 Qtr.	2,954	922	233	423,948	618,024	680,648
3 Qtr.	3,055	739	158	465,022	531,722	686,109
4 Qtr.	3,609	940	197	492,031	636,423	780,679
2013 1 Qtr.	2,808	804	169	470,110	673,329	754,694
2 Qtr.	3,530	1,091	212	498,919	659,666	729,136
3 Qtr.	3,719	1,037	147	497,259	626,417	966,567
4 Qtr.	3,321	843	153	507,513	704,740	776,445
2014 1 Qtr.	2,813	912	148	517,864	713,213	977,686
2 Qtr.	3,376	1,090	149	520,734	816,986	765,866
3 Qtr.	3,507	846	115	517,048	685,593	849,588
4 Qtr.	3,759	807	191	571,906	800,322	1,194,373
2015 1 Qtr.	3,330	978	196	546,018	754,174	819,539
2 Qtr.	4,242	997	153	533,277	692,860	719,528
3 Qtr.	4,063	869	123	547,655	812,638	769,871
4 Qtr.	3,442	854	108	560,350	753,431	825,715
2016 1 Qtr.	3,213	859	274	545,162	769,352	1,364,736
2 Qtr.	4,072	1,056	176	579,079	854,078	946,665
3 Qtr.	3,910	896	173	565,058	809,585	977,170
4 Qtr.	4,116	891	198	658,063	737,753	1,636,109
2017 1 Qtr.	3,724	906	137	590,797	808,386	1,065,014
2 Qtr.	3,925	1,185	166	569,676	812,090	800,864
3 Qtr.	3,946	905	159	620,522	894,489	1,622,053
4 Qtr.	4,240	921	260	727,058	966,232	1,481,011
2018 1 Qtr.	3,348	977	205	661,970	824,351	1,292,672
2 Qtr.	3,862	1,162	170	668,538	873,769	1,296,675
3 Qtr.	4,016	933	311	643,933	897,606	1,145,028
4 Qtr.	4,299	884	242	630,192	873,787	1,316,118
2019 1 Qtr.	3,220	887	163	626,200	822,090	999,527
2 Qtr.	4,446	1,048	124	603,484	764,378	1,116,333
3 Qtr.	4,218	969	112	640,697	897,076	1,133,616
4 Qtr.	3,939	843	141	623,301	818,136	1,021,014
2020 1 Qtr.	3,422	869	95	610,988	866,142	1,057,282
2 Qtr.	2,943	561	54	647,354	943,196	1,214,535
3 Qtr.	4,128	779	36	644,930	1,004,523	1,258,925
4 Qtr.	4,588	1,016	58	688,013	1,125,008	1,281,004
2021 1 Qtr.	4,127	1,400	75	719,905	1,152,814	1,266,952
2 Qtr.	5,206	1,673	128	722,941	1,165,180	1,069,015
3 Qtr.	5,092	1,416	123	744,714	1,235,400	1,414,097
4 Qtr.	5,271	1,317	142	757,556	1,252,354	1,235,492
2022 1 Qtr.	4,255	1,338	77	781,320	1,135,012	1,415,722
2 Qtr.	4,578	1,555	111	782,922	1,309,561	1,405,933
3 Qtr.	4,089	1,047	187	787,668	1,004,203	1,339,694
4 Qtr.	3,001	795	98	767,723	1,072,739	1,478,039

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table E-10. HOME SALES BY ORIGIN OF BUYER -- Con.

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
Percentage Change from the Same Period in Previous Year						
2009	-16.1	-6.0	-22.2	-9.5	-19.2	36.9
2010	23.1	49.1	48.7	5.4	0.9	-7.8
2011	-15.5	-29.9	-4.2	-2.7	-4.7	-0.9
2012	1.1	-21.7	-6.7	4.7	14.6	-11.4
2013	11.3	10.8	-14.6	8.9	14.0	13.5
2014	0.6	-3.2	-11.5	7.9	14.1	21.6
2015	12.1	1.2	-3.8	2.4	-0.8	-19.2
2016	1.6	0.1	41.6	8.0	5.9	60.6
2017	3.4	5.8	-12.1	6.8	8.9	1.4
2018	-2.0	1.0	28.5	3.3	0.1	-2.1
2019	1.9	-5.3	-41.8	-4.2	-4.9	-15.2
2020	-4.7	-13.9	-55.0	4.5	20.6	10.9
2021	30.6	80.0	92.6	13.3	20.6	5.7
2022	-19.2	-18.4	1.1	5.9	-3.8	12.4
2009 1 Qtr.	-35.2	-22.9	-46.3	-17.3	-20.2	8.6
2 Qtr.	-33.3	-33.7	-70.5	-9.8	-13.9	-9.0
3 Qtr.	-10.2	4.2	-33.3	-9.1	-32.0	2.1
4 Qtr.	26.4	54.9	253.2	-3.5	-0.6	47.6
2010 1 Qtr.	25.1	29.8	134.5	11.0	-5.1	-14.3
2 Qtr.	48.4	93.3	222.4	6.0	-1.9	64.3
3 Qtr.	16.8	57.3	34.1	11.2	10.8	28.9
4 Qtr.	7.6	22.8	-35.3	-3.2	-0.1	-16.7
2011 1 Qtr.	-5.4	-6.4	-15.8	-4.8	-1.6	54.4
2 Qtr.	-24.8	-29.0	-13.5	-4.6	-6.9	-5.5
3 Qtr.	-14.9	-37.8	16.0	-7.5	-2.2	-16.8
4 Qtr.	-13.7	-40.7	9.1	5.9	-9.7	-26.7
2012 1 Qtr.	-10.0	-27.9	-8.7	0.2	-2.1	-25.8
2 Qtr.	-1.9	-27.0	-1.7	-0.3	20.9	-18.7
3 Qtr.	1.7	-31.8	-19.4	7.9	7.0	-3.4
4 Qtr.	12.5	6.1	2.6	8.0	31.9	11.5
2013 1 Qtr.	17.0	-0.1	-19.1	11.9	28.8	13.4
2 Qtr.	19.5	18.3	-9.0	17.7	6.7	7.1
3 Qtr.	21.7	40.3	-7.0	6.9	17.8	40.9
4 Qtr.	-8.0	-10.3	-22.3	3.1	10.7	-0.5
2014 1 Qtr.	0.2	13.4	-12.4	10.2	5.9	29.5
2 Qtr.	-4.4	-0.1	-29.7	4.4	23.8	5.0
3 Qtr.	-5.7	-18.4	-21.8	4.0	9.4	-12.1
4 Qtr.	13.2	-4.3	24.8	12.7	13.6	53.8
2015 1 Qtr.	18.4	7.2	32.4	5.4	5.7	-16.2
2 Qtr.	25.7	-8.5	2.7	2.4	-15.2	-6.1
3 Qtr.	15.9	2.7	7.0	5.9	18.5	-9.4
4 Qtr.	-8.4	5.8	-43.5	-2.0	-5.9	-30.9
2016 1 Qtr.	-3.5	-12.2	39.8	-0.2	2.0	66.5
2 Qtr.	-4.0	5.9	15.0	8.6	23.3	31.6
3 Qtr.	-3.8	3.1	40.7	3.2	-0.4	26.9
4 Qtr.	19.6	4.3	83.3	17.4	-2.1	98.1
2017 1 Qtr.	15.9	5.5	-50.0	8.4	5.1	-22.0
2 Qtr.	-3.6	12.2	-5.7	-1.6	-4.9	-15.4
3 Qtr.	0.9	1.0	-8.1	9.8	10.5	66.0
4 Qtr.	3.0	3.4	31.3	10.5	31.0	-9.5
2018 1 Qtr.	-10.1	7.8	49.6	12.0	2.0	21.4
2 Qtr.	-1.6	-1.9	2.4	17.4	7.6	61.9
3 Qtr.	1.8	3.1	95.6	3.8	0.3	-29.4
4 Qtr.	1.4	-4.0	-6.9	-13.3	-9.6	-11.1
2019 1 Qtr.	-3.8	-9.2	-20.5	-5.4	-0.3	-22.7
2 Qtr.	15.1	-9.8	-27.1	-9.7	-12.5	-13.9
3 Qtr.	5.0	3.9	-64.0	-0.5	-0.1	-1.0
4 Qtr.	-8.4	-4.6	-41.7	-1.1	-6.4	-22.4
2020 1 Qtr.	6.3	-2.0	-41.7	-2.4	5.4	5.8
2 Qtr.	-33.8	-46.5	-56.5	7.3	23.4	8.8
3 Qtr.	-2.1	-19.6	-67.9	0.7	12.0	11.1
4 Qtr.	16.5	20.5	-58.9	10.4	37.5	25.5
2021 1 Qtr.	20.6	61.1	-21.1	17.8	33.1	19.8
2 Qtr.	76.9	198.2	137.0	11.7	23.5	-12.0
3 Qtr.	23.4	81.8	241.7	15.5	23.0	12.3
4 Qtr.	14.9	29.6	144.8	10.1	11.3	-3.6
2022 1 Qtr.	3.1	-4.4	2.7	8.5	-1.5	11.7
2 Qtr.	-12.1	-7.1	-13.3	8.3	12.4	31.5
3 Qtr.	-19.7	-26.1	52.0	5.8	-18.7	-5.3
4 Qtr.	-43.1	-39.6	-31.0	1.3	-14.3	19.6

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table E-11. SINGLE FAMILY HOME RESALES FOR HONOLULU: MEDIAN PRICE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Median Sale Price (Dollars) 1/					
1987	172,000	181,000	187,000	192,500	185,000
1988	193,500	195,000	224,800	225,000	210,000
1989	236,000	259,500	275,000	300,000	270,000
1990	325,000	345,000	375,000	367,500	352,000
1991	339,800	345,000	345,000	335,000	340,000
1992	342,000	339,500	350,000	352,000	349,000
1993	347,000	358,500	365,000	360,000	358,500
1994	355,000	365,000	368,000	357,000	360,000
1995	349,000	340,000	350,000	352,000	348,000
1996	331,800	335,000	335,000	333,500	335,200
1997	313,800	300,000	315,000	300,000	307,000
1998	288,500	305,000	296,500	295,000	297,000
1999	295,000	289,500	299,000	285,000	290,000
2000	289,000	301,400	299,800	292,500	295,000
2001	280,000	295,000	307,000	310,000	299,900
2002	310,000	330,000	345,000	350,000	335,000
2003	350,000	375,000	392,500	399,000	380,000
2004	420,000	451,000	469,000	490,000	460,000
2005	529,100	577,800	615,000	620,000	590,000
2006	625,000	640,000	635,000	620,000	630,000
2007	620,000	665,000	649,900	625,300	643,500
2008	618,000	636,000	615,000	610,000	620,500
2009	565,000	569,500	581,250	580,000	575,000
2010	591,500	580,000	620,000	585,000	593,000
2011	560,000	580,000	570,000	583,000	575,000
2012	616,950	620,000	625,000	625,000	620,000
2013	613,500	641,000	665,000	663,800	650,000
2014	655,000	679,000	669,000	697,000	675,000
2015	675,000	690,000	705,000	712,250	700,000
2016	724,900	730,000	740,750	740,500	735,000
2017	750,000	754,000	765,000	757,000	755,000
2018	765,000	781,194	805,000	795,000	790,000
2019	780,000	775,000	800,000	800,000	789,000
2020	780,000	790,500	840,000	870,000	830,000
2021	915,000	960,000	1,030,000	1,050,000	990,000
2022	1,100,000	1,123,500	1,110,500	1,083,500	1,105,000
Percentage Change from the Same Period in Previous Year 1/					
1988	12.5	7.7	20.2	16.9	13.5
1989	22.0	33.1	22.3	33.3	28.6
1990	37.7	32.9	36.4	22.5	30.4
1991	4.6	0.0	-8.0	-8.8	-3.4
1992	0.6	-1.6	1.4	5.1	2.6
1993	1.5	5.6	4.3	2.3	2.7
1994	2.3	1.8	0.8	-0.8	0.4
1995	-1.7	-6.8	-4.9	-1.4	-3.3
1996	-4.9	-1.5	-4.3	-5.3	-3.7
1997	-5.4	-10.4	-6.0	-10.0	-8.4
1998	-8.1	1.7	-5.9	-1.7	-3.3
1999	2.3	-5.1	0.8	-3.4	-2.4
2000	-2.0	4.1	0.3	2.6	1.7
2001	-3.1	-2.1	2.4	6.0	1.7
2002	10.7	11.9	12.4	12.9	11.7
2003	12.9	13.6	13.8	14.0	13.4
2004	20.0	20.3	19.5	22.8	21.1
2005	26.0	28.1	31.1	26.5	28.3
2006	18.1	10.8	3.3	0.0	6.8
2007	-0.8	3.9	2.3	0.9	2.1
2008	-0.3	-4.4	-5.4	-2.4	-3.6
2009	-8.6	-10.5	-5.5	-4.9	-7.3
2010	4.7	1.8	6.7	0.9	3.1
2011	-5.3	0.0	-8.1	-0.3	-3.0
2012	10.2	6.9	9.6	7.2	7.8
2013	-0.6	3.4	6.4	6.2	4.8
2014	6.8	5.9	0.6	5.0	3.8
2015	3.1	1.6	5.4	2.2	3.7
2016	7.4	5.8	5.1	4.0	5.0
2017	3.5	3.3	3.3	2.2	2.7
2018	2.0	3.6	5.2	5.0	4.6
2019	2.0	-0.8	-0.6	0.6	-0.1
2020	0.0	2.0	5.0	8.8	5.2
2021	17.3	21.4	22.6	20.7	19.3
2022	20.2	17.0	7.8	3.2	11.6

1/ This series consists of resales of homes that are entered in the Multiple Listing Service.
Source: Honolulu Board of Realtors, Research Department.

Table E-12. CONDOMINIUM RESALES FOR HONOLULU: MEDIAN PRICE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Median Sale Price (Dollars) 1/					
1987	99,000	101,500	104,000	110,000	104,500
1988	112,000	112,000	115,000	115,000	114,000
1989	117,800	134,000	140,000	155,000	135,500
1990	167,500	185,000	200,000	200,000	187,000
1991	187,300	190,000	195,000	194,500	192,000
1992	195,000	192,000	194,800	192,000	193,000
1993	190,000	192,000	198,000	192,500	193,000
1994	189,900	193,000	194,000	185,000	190,000
1995	182,000	180,000	187,800	179,500	181,800
1996	180,000	180,000	170,000	165,300	174,500
1997	150,000	155,000	157,000	142,000	150,000
1998	145,000	135,000	129,000	130,000	135,000
1999	131,000	122,000	129,500	122,500	125,000
2000	122,800	129,000	120,000	128,000	125,000
2001	130,000	135,000	134,000	130,000	133,000
2002	138,000	150,000	155,000	159,000	152,000
2003	165,000	168,900	177,500	181,000	175,000
2004	189,000	205,000	215,000	220,000	208,500
2005	229,000	257,000	280,000	300,000	269,000
2006	309,000	305,000	315,000	315,000	310,000
2007	320,000	328,000	330,000	320,000	325,000
2008	330,000	330,000	322,000	315,600	325,000
2009	299,000	307,500	300,000	301,000	305,000
2010	302,500	305,500	314,500	305,000	305,000
2011	315,000	300,000	303,500	294,250	300,000
2012	310,000	305,000	319,000	331,000	317,500
2013	330,500	325,000	346,000	328,000	331,000
2014	345,000	356,000	350,000	325,000	345,000
2015	360,000	355,000	355,000	367,500	360,000
2016	380,000	390,000	390,500	392,750	390,000
2017	390,000	403,000	420,000	405,000	405,000
2018	425,000	421,000	428,000	400,000	420,000
2019	411,250	422,500	440,000	428,000	425,000
2020	430,000	425,000	440,000	440,000	435,000
2021	455,000	457,500	484,000	495,000	475,000
2022	510,000	520,000	500,000	500,000	510,000
Percentage Change from the Same Period in Previous Year 1/					
1988	13.1	10.3	10.6	4.5	9.1
1989	5.2	19.6	21.7	34.8	18.9
1990	42.2	38.1	42.9	29.0	38.0
1991	11.8	2.7	-2.5	-2.8	2.7
1992	4.1	1.1	-0.1	-1.3	0.5
1993	-2.6	0.0	1.6	0.3	0.0
1994	-0.1	0.5	-2.0	-3.9	-1.6
1995	-4.2	-6.7	-3.2	-3.0	-4.3
1996	-1.1	0.0	-9.5	-7.9	-4.0
1997	-16.7	-13.9	-7.6	-14.1	-14.0
1998	-3.3	-12.9	-17.8	-8.5	-10.0
1999	-9.7	-9.6	0.4	-5.8	-7.4
2000	-6.3	5.7	-7.3	4.5	0.0
2001	5.9	4.7	11.7	1.6	6.4
2002	6.2	11.1	15.7	22.3	14.3
2003	19.6	12.6	14.5	13.8	15.1
2004	14.5	21.4	21.1	21.5	19.1
2005	21.2	25.4	30.2	36.4	29.0
2006	34.9	18.7	12.5	5.0	15.2
2007	3.6	7.5	4.8	1.6	4.8
2008	3.1	0.6	-2.4	-1.4	0.0
2009	-9.4	-6.8	-6.8	-4.6	-6.2
2010	1.2	-0.7	4.8	1.3	0.0
2011	4.1	-1.8	-3.5	-3.5	-1.6
2012	-1.6	1.7	5.1	12.5	5.8
2013	6.6	6.6	8.5	-0.9	4.3
2014	4.4	9.5	1.2	-0.9	4.2
2015	4.3	-0.3	1.4	13.1	4.3
2016	5.6	9.9	10.0	6.9	8.3
2017	2.6	3.3	7.6	3.1	3.8
2018	9.0	4.5	1.9	-1.2	3.7
2019	-3.2	0.4	2.8	7.0	1.2
2020	4.6	0.6	0.0	2.8	2.4
2021	5.8	7.6	10.0	12.5	9.2
2022	12.1	13.7	3.3	1.0	7.4

1/ This series consists of resales of new condominiums, duplexes and townhomes that are entered in the Multiple Listing Service. It does not include apartment buildings.

Source: Honolulu Board of Realtors, Research Department.

Table E-13. SINGLE FAMILY HOME RESALES FOR HONOLULU: UNITS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Units Sold 1/					
1987	554	862	917	846	3,179
1988	660	786	850	729	3,025
1989	573	802	773	771	2,919
1990	757	782	675	530	2,744
1991	342	487	575	508	1,912
1992	389	568	558	470	1,985
1993	421	465	548	510	1,944
1994	544	613	545	473	2,175
1995	347	378	487	430	1,642
1996	363	471	471	444	1,749
1997	360	467	635	563	2,025
1998	504	613	664	714	2,495
1999	549	774	787	743	2,853
2000	630	866	888	797	3,181
2001	737	909	927	833	3,406
2002	801	1,031	1,039	1,035	3,906
2003	874	1,123	1,298	1,125	4,420
2004	983	1,200	1,287	1,233	4,703
2005	976	1,224	1,321	1,093	4,614
2006	943	1,074	1,089	935	4,041
2007	865	1,037	975	750	3,627
2008	673	737	732	604	2,746
2009	445	667	757	820	2,689
2010	611	867	774	805	3,057
2011	635	735	818	766	2,954
2012	623	746	862	863	3,094
2013 2/	659	854	959	869	3,341
2014 2/	682	855	941	807	3,285
2015 2/	655	934	1,010	856	3,455
2016 2/	769	944	995	970	3,678
2017 2/	777	1,012	1,071	1,048	3,908
2018 2/	774	986	993	856	3,609
2019 2/	730	965	1,079	976	3,750
2020 2/	815	798	1,122	1,103	3,838
2021 2/	912	1,231	1,253	1,130	4,526
2022 2/	888	1,066	904	616	3,474
Percentage Change from the Same Period in Previous Year 1/					
1988	19.1	-8.8	-7.3	-13.8	-4.8
1989	-13.2	2.0	-9.1	5.8	-3.5
1990	32.1	-2.5	-12.7	-31.3	-6.0
1991	-54.8	-37.7	-14.8	-4.2	-30.3
1992	13.7	16.6	-3.0	-7.5	3.8
1993	8.2	-18.1	-1.8	8.5	-2.1
1994	29.2	31.8	-0.5	-7.3	11.9
1995	-36.2	-38.3	-10.6	-9.1	-24.5
1996	4.6	24.6	-3.3	3.3	6.5
1997	-0.8	-0.8	34.8	26.8	15.8
1998	40.0	31.3	4.6	26.8	23.2
1999	8.9	26.3	18.5	4.1	14.3
2000	14.8	11.9	12.8	7.3	11.5
2001	17.0	5.0	4.4	4.5	7.1
2002	8.7	13.4	12.1	24.2	14.7
2003	9.1	8.9	24.9	8.7	13.2
2004	12.5	6.9	-0.8	9.6	6.4
2005	-0.7	2.0	2.6	-11.4	-1.9
2006	-3.4	-12.3	-17.6	-14.5	-12.4
2007	-8.3	-3.4	-10.5	-19.8	-10.2
2008	-22.2	-28.9	-24.9	-19.5	-24.3
2009	-33.9	-9.5	3.4	35.8	-2.1
2010	37.3	30.0	2.2	-1.8	13.7
2011	3.9	-15.2	5.7	-4.8	-3.4
2012	-1.9	1.5	5.4	12.7	4.7
2013 2/	5.8	14.5	11.3	0.7	8.0
2014 2/	3.5	0.1	-1.9	-7.1	-1.7
2015 2/	-4.0	9.2	7.3	6.1	5.2
2016 2/	17.4	1.1	-1.5	13.3	6.5
2017 2/	1.0	7.2	7.6	8.0	6.3
2018 2/	-0.4	-2.6	-7.3	-18.3	-7.7
2019 2/	-5.7	-2.1	8.7	14.0	3.9
2020 2/	11.6	-17.3	4.0	13.0	2.3
2021 2/	11.9	54.3	11.7	2.4	17.9
2022 2/	-2.6	-13.4	-27.9	-45.5	-23.2

1/ This series consists of resales that are entered in the Multiple Listing Service.
2/ Quarters reflect sum of monthly [re]sales and may not match revised Year-to-Date in HBR published reports.
Source: Honolulu Board of Realtors (HBR), Research Department.

Table E-14. CONDOMINIUM RESALES FOR HONOLULU: UNITS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Number of Units Sold 1/					
1987	866	1,476	1,611	1,555	5,508
1988	1,282	1,813	1,843	1,608	6,546
1989	1,412	1,737	1,706	1,631	6,486
1990	1,752	1,864	1,518	1,015	6,149
1991	720	901	1,120	867	3,608
1992	686	916	987	753	3,342
1993	735	745	873	910	3,263
1994	827	1,053	824	666	3,370
1995	533	599	574	554	2,260
1996	441	594	487	468	1,990
1997	415	522	552	611	2,100
1998	529	601	753	749	2,632
1999	640	865	911	882	3,298
2000	820	1,065	1,039	1,002	3,926
2001	955	1,104	1,186	1,016	4,261
2002	1,036	1,347	1,540	1,483	5,406
2003	1,473	1,653	1,974	1,807	6,907
2004	1,613	2,076	2,205	1,994	7,888
2005	1,772	2,149	2,279	1,783	7,983
2006	1,687	1,830	1,559	1,304	6,380
2007	1,361	1,617	1,366	1,155	5,499
2008	1,037	1,131	1,152	768	4,088
2009	563	813	1,045	1,153	3,574
2010	846	1,216	927	991	3,980
2011	928	1,085	1,019	1,003	4,035
2012	842	1,068	1,123	1,189	4,222
2013 2/	976	1,301	1,307	1,216	4,800
2014 2/	993	1,313	1,303	1,201	4,810
2015 2/	979	1,404	1,409	1,236	5,028
2016 2/	1,153	1,485	1,437	1,374	5,449
2017 2/	1,235	1,562	1,576	1,451	5,824
2018 2/	1,244	1,589	1,534	1,312	5,679
2019 2/	1,114	1,469	1,491	1,334	5,408
2020 2/	1,105	909	1,291	1,401	4,706
2021 2/	1,464	1,973	1,961	1,805	7,203
2022 2/	1,710	1,986	1,522	1,135	6,353
Percentage Change from the Same Period in Previous Year 1/					
1988	48.0	22.8	14.4	3.4	18.8
1989	10.1	-4.2	-7.4	1.4	-0.9
1990	24.1	7.3	-11.0	-37.8	-5.2
1991	-58.9	-51.7	-26.2	-14.6	-41.3
1992	-4.7	1.7	-11.9	-13.1	-7.4
1993	7.1	-18.7	-11.6	20.8	-2.4
1994	12.5	41.3	-5.6	-26.8	3.3
1995	-35.6	-43.1	-30.3	-16.8	-32.9
1996	-17.3	-0.8	-15.2	-15.5	-11.9
1997	-5.9	-12.1	13.3	30.6	5.5
1998	27.5	15.1	36.4	22.6	25.3
1999	21.0	43.9	21.0	17.8	25.3
2000	28.1	23.1	14.1	13.6	19.0
2001	16.5	3.7	14.1	1.4	8.5
2002	8.5	22.0	29.8	46.0	26.9
2003	42.2	22.7	28.2	21.8	27.8
2004	9.5	25.6	11.7	10.3	14.2
2005	9.9	3.5	3.4	-10.6	1.2
2006	-4.8	-14.8	-31.6	-26.9	-20.1
2007	-19.3	-11.6	-12.4	-11.4	-13.8
2008	-23.8	-30.1	-15.7	-33.5	-25.7
2009	-45.7	-28.1	-9.3	50.1	-12.6
2010	50.3	49.6	-11.3	-14.1	11.4
2011	9.7	-10.8	9.9	1.2	1.4
2012	-9.3	-1.6	10.2	18.5	4.6
2013 2/	15.9	21.8	16.4	2.3	13.7
2014 2/	1.7	0.9	-0.3	-1.2	0.2
2015 2/	-1.4	6.9	8.1	2.9	4.5
2016 2/	17.8	5.8	2.0	11.2	8.4
2017 2/	7.1	5.2	9.7	5.6	6.9
2018 2/	0.7	1.7	-2.7	-9.6	-2.5
2019 2/	-10.5	-7.6	-2.8	1.7	-4.8
2020 2/	-0.8	-38.1	-13.4	5.0	-13.0
2021 2/	32.5	117.1	51.9	28.8	53.1
2022 2/	16.8	0.7	-22.4	-37.1	-11.8

1/ This series consists of resales of new condominiums, duplexes and townhomes that are entered in the Multiple Listing Service. It does not include apartment buildings.

2/ Quarters reflect sum of monthly [re]sales and may not sum to revised Year-to-Date from HBR published reports.

Source: Honolulu Board of Realtors (HBR), Research Department.

Table E-15. SINGLE FAMILY HOME HONOLULU: ACTIVE INVENTORY

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Properties Available for Sale in Active Status 1/					
2001	1,585	1,587	1,510	1,494	1,544
2002	1,344	1,189	1,180	1,182	1,224
2003	1,242	1,169	1,023	942	1,094
2004	836	895	1,167	1,123	1,005
2005	889	849	1,074	1,447	1,065
2006	1,613	1,734	1,942	1,975	1,816
2007	1,726	1,779	1,871	1,933	1,827
2008	2,009	2,362	2,402	2,263	2,259
2009	2,184	2,108	1,930	1,625	1,962
2010	1,527	1,634	1,641	1,576	1,595
2011	1,396	1,486	1,516	1,352	1,437
2012	1,273	1,215	1,214	1,060	1,191
2013	947	1,086	1,167	1,149	1,087
2014	1,102	1,216	1,247	1,130	1,174
2015	1,102	1,260	1,327	1,128	1,204
2016	1,017	1,209	1,250	1,145	1,155
2017	1,069	1,203	1,226	1,123	1,155
2018	1,045	1,277	1,256	1,038	1,154
2019	1,052	1,099	1,101	971	1,056
2020	824	761	579	481	661
2021	382	365	423	359	382
2022	340	464	600	645	512
Percentage Change from the Same Period in Previous Year 1/					
2002	-15.2	-25.1	-21.9	-20.9	-20.8
2003	-7.6	-1.6	-13.3	-20.3	-10.6
2004	-32.6	-23.5	14.1	19.3	-8.1
2005	6.3	-5.1	-7.9	28.8	5.9
2006	81.5	104.2	80.8	36.5	70.6
2007	7.0	2.6	-3.7	-2.1	0.6
2008	16.4	32.8	28.4	17.1	23.6
2009	8.7	-10.8	-19.7	-28.2	-13.2
2010	-30.1	-22.5	-15.0	-3.0	-18.7
2011	-8.6	-9.1	-7.6	-14.2	-9.9
2012	-8.8	-18.2	-19.9	-21.6	-17.2
2013	-25.6	-10.6	-3.9	8.3	-8.7
2014	16.3	12.0	6.9	-1.6	8.0
2015	0.0	3.6	6.4	-0.1	2.6
2016	-7.7	-4.1	-5.8	1.5	-4.1
2017	5.0	-0.5	-1.9	-2.0	0.0
2018	-2.2	6.1	2.5	-7.6	-0.1
2019	0.6	-13.9	-12.4	-6.4	-8.5
2020	-21.7	-30.7	-47.4	-50.5	-37.4
2021	-53.6	-52.1	-27.0	-25.4	-42.2
2022	-11.1	27.2	42.0	79.8	34.1

1/ This series consists of resales that are entered in the Multiple Listing Service.
Source: Honolulu Board of Realtors, Research Department.

Table E-16. CONDOMINIUM HONOLULU: ACTIVE INVENTORY

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Properties Available for Sale in Active Status 1/					
2001	1,756	1,781	1,736	1,788	1,765
2002	1,657	1,479	1,433	1,629	1,549
2003	1,679	1,680	1,545	1,459	1,591
2004	1,162	1,229	1,654	1,640	1,421
2005	1,203	954	1,131	1,727	1,254
2006	2,194	2,424	2,697	2,605	2,480
2007	2,273	2,271	2,376	2,411	2,333
2008	2,548	2,966	2,969	2,842	2,831
2009	2,771	2,769	2,473	2,153	2,542
2010	2,006	2,060	2,146	2,145	2,089
2011	1,949	1,929	1,928	1,800	1,901
2012	1,791	1,762	1,699	1,546	1,700
2013	1,354	1,445	1,619	1,623	1,510
2014	1,603	1,772	1,815	1,713	1,726
2015	1,736	1,900	1,952	1,744	1,833
2016	1,550	1,818	1,804	1,654	1,706
2017	1,586	1,829	1,864	1,790	1,767
2018	1,798	2,049	1,913	1,593	1,838
2019	1,798	1,804	1,875	1,791	1,817
2020	1,806	1,844	1,782	1,606	1,760
2021	1,328	1,047	983	1,006	1,091
2022	958	951	1,088	1,203	1,050
Percentage Change from the Same Period in Previous Year 1/					
2002	-5.6	-17.0	-17.4	-8.9	-12.2
2003	1.3	13.6	7.8	-10.4	2.7
2004	-30.8	-26.9	7.0	12.4	-10.7
2005	3.5	-22.3	-31.6	5.3	-11.8
2006	82.4	154.0	138.4	50.9	97.8
2007	3.6	-6.3	-11.9	-7.5	-5.9
2008	12.1	30.6	25.0	17.9	21.4
2009	8.8	-6.7	-16.7	-24.2	-10.2
2010	-27.6	-25.6	-13.2	-0.4	-17.8
2011	-2.8	-6.4	-10.2	-16.1	-9.0
2012	-8.1	-8.6	-11.9	-14.1	-10.6
2013	-24.4	-18.0	-4.7	5.0	-11.1
2014	18.4	22.7	12.1	5.5	14.3
2015	8.3	7.2	7.6	1.8	6.2
2016	-10.7	-4.4	-7.6	-5.2	-6.9
2017	2.4	0.6	3.3	8.3	3.6
2018	13.3	12.0	2.6	-11.0	4.0
2019	0.0	-11.9	-2.0	12.4	-1.2
2020	0.4	2.2	-4.9	-10.3	-3.1
2021	-26.4	-43.2	-44.8	-37.4	-38.0
2022	-27.9	-9.1	10.7	19.5	-3.8

1/ This series consists of resales that are entered in the Multiple Listing Service.
Source: Honolulu Board of Realtors, Research Department.

Table E-17. SINGLE FAMILY HOME RESALES FOR MAUI: MEDIAN PRICE

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Median Sale Price (Dollars) 1/					
1990	270,000	275,000	310,000	285,000	280,000
1991	287,500	260,000	282,500	275,000	275,000
1992	290,000	280,000	290,000	285,000	285,500
1993	267,000	285,000	275,000	265,000	275,000
1994	281,500	275,000	270,000	275,000	275,000
1995	272,500	282,500	280,000	260,000	270,000
1996	265,000	275,000	266,500	250,000	262,500
1997	266,000	265,000	244,500	250,000	255,000
1998	271,000	256,000	260,000	240,600	255,000
1999	252,200	250,000	253,300	250,000	250,000
2000	270,000	288,500	270,000	278,500	275,000
2001	330,000	281,500	260,000	306,000	295,000
2002	362,000	367,900	380,800	392,400	375,000
2003	401,600	399,000	450,000	510,000	440,000
2004	525,000	550,000	575,000	566,000	550,000
2005	611,250	725,000	(2/)	(2/)	679,000
2006	699,000	(2/)	(2/)	(2/)	690,000
2007	625,000	(2/)	(2/)	(2/)	630,069
2008	602,783	(2/)	(2/)	(2/)	577,774
2009	520,000	(2/)	(2/)	(2/)	498,106
2010	469,500	(2/)	(2/)	(2/)	460,000
2011	450,000	(2/)	(2/)	(2/)	432,500
2012	443,750	(2/)	(2/)	(2/)	470,000
2013	520,000	(2/)	(2/)	(2/)	530,000
2014	585,000	(2/)	(2/)	(2/)	570,000
2015	600,000	(2/)	(2/)	(2/)	580,000
2016	610,000	(2/)	(2/)	(2/)	745,000
2017	695,000	(2/)	(2/)	(2/)	695,000
2018	682,468	(2/)	(2/)	(2/)	710,000
2019	735,000	(2/)	(2/)	(2/)	741,178
2020	770,173	(2/)	(2/)	(2/)	795,000
2021	955,000	(2/)	(2/)	(2/)	995,000
2022	1,150,000	(2/)	(2/)	(2/)	1,105,000
Percentage Change from the Same Period in Previous Year 1/					
1991	6.5	-5.5	-8.9	-3.5	-1.8
1992	0.9	7.7	2.7	3.6	3.8
1993	-7.9	1.8	-5.2	-7.0	-3.7
1994	5.4	-3.5	-1.8	3.8	0.0
1995	-3.2	2.7	3.7	-5.5	-1.8
1996	-2.8	-2.7	-4.8	-3.8	-2.8
1997	0.4	-3.6	-8.3	0.0	-2.9
1998	1.9	-3.4	6.3	-3.8	0.0
1999	-6.9	-2.3	-2.6	3.9	-2.0
2000	7.1	15.4	6.6	11.4	10.0
2001	22.2	-2.4	-3.7	9.9	7.3
2002	9.7	30.7	46.5	28.2	27.1
2003	10.9	8.5	18.2	30.0	17.3
2004	30.7	37.8	27.8	11.0	25.0
2005	16.4	31.8	(NA)	(NA)	23.5
2006	14.4	(NA)	(NA)	(NA)	1.6
2007	-10.6	(NA)	(NA)	(NA)	-8.7
2008	-3.6	(NA)	(NA)	(NA)	-8.3
2009	-13.7	(NA)	(NA)	(NA)	-13.8
2010	-9.7	(NA)	(NA)	(NA)	-7.7
2011	-4.2	(NA)	(NA)	(NA)	-6.0
2012	-1.4	(NA)	(NA)	(NA)	8.7
2013	17.2	(NA)	(NA)	(NA)	12.8
2014	12.5	(NA)	(NA)	(NA)	7.5
2015	2.6	(NA)	(NA)	(NA)	1.8
2016	1.7	(NA)	(NA)	(NA)	28.4
2017	13.9	(NA)	(NA)	(NA)	-6.7
2018	-1.8	(NA)	(NA)	(NA)	2.2
2019	7.7	(NA)	(NA)	(NA)	4.4
2020	4.8	(NA)	(NA)	(NA)	7.3
2021	24.0	(NA)	(NA)	(NA)	25.2
2022	20.4	(NA)	(NA)	(NA)	11.1

NA Not available.

1/ This series consists of resales that are entered in the Multiple Listing Service.

2/ Only Q1, Year-to-Date and Annual Average medians are available in Maui reports.

Source: Honolulu Board of Realtors, Research Dept, Harvey Shapiro compiler and Realtors Association of Maui, Inc.

Table E-18. CONDOMINIUM RESALES FOR MAUI: MEDIAN PRICE

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Median Sale Price (Dollars) 1/					
1990	180,300	180,000	169,000	170,000	175,000
1991	165,000	165,000	155,500	175,000	165,000
1992	167,000	165,000	159,000	162,500	162,500
1993	170,000	170,000	165,000	180,000	173,000
1994	175,000	180,000	166,000	175,000	175,000
1995	159,000	167,000	155,000	142,500	158,000
1996	182,000	189,500	160,000	167,000	175,000
1997	165,000	155,000	148,500	149,000	155,000
1998	173,500	165,000	158,000	159,900	163,000
1999	156,000	168,800	170,000	150,000	161,000
2000	184,500	185,000	200,000	161,300	183,000
2001	193,300	191,000	210,000	176,000	190,500
2002	235,000	200,000	179,000	189,800	195,000
2003	239,500	240,000	222,000	261,900	241,300
2004	291,000	292,300	320,000	370,000	310,000
2005	401,000	360,000	(2/)	(2/)	385,000
2006	458,000	(2/)	(2/)	(2/)	518,000
2007	575,000	(2/)	(2/)	(2/)	550,000
2008	587,000	(2/)	(2/)	(2/)	550,000
2009	700,000	(2/)	(2/)	(2/)	450,000
2010	424,000	(2/)	(2/)	(2/)	377,500
2011	319,950	(2/)	(2/)	(2/)	310,000
2012	339,500	(2/)	(2/)	(2/)	358,000
2013	368,000	(2/)	(2/)	(2/)	373,000
2014	406,375	(2/)	(2/)	(2/)	415,000
2015	440,000	(2/)	(2/)	(2/)	410,000
2016	425,000	(2/)	(2/)	(2/)	415,000
2017	477,413	(2/)	(2/)	(2/)	445,000
2018	476,250	(2/)	(2/)	(2/)	500,000
2019	525,000	(2/)	(2/)	(2/)	516,000
2020	555,000	(2/)	(2/)	(2/)	577,100
2021	599,000	(2/)	(2/)	(2/)	650,000
2022	750,000	(2/)	(2/)	(2/)	775,000
Percentage Change from the Same Period in Previous Year 1/					
1991	-8.5	-8.3	-8.0	2.9	-5.7
1992	1.2	0.0	2.3	-7.1	-1.5
1993	1.8	3.0	3.8	10.8	6.5
1994	2.9	5.9	0.6	-2.8	1.2
1995	-9.1	-7.2	-6.6	-18.6	-9.7
1996	14.5	13.5	3.2	17.2	10.8
1997	-9.3	-18.2	-7.2	-10.8	-11.4
1998	5.2	6.5	6.4	7.3	5.2
1999	-10.1	2.3	7.6	-6.2	-1.2
2000	18.3	9.6	17.6	7.5	13.7
2001	4.8	3.2	5.0	9.1	4.1
2002	21.6	4.7	-14.8	7.8	2.4
2003	1.9	20.0	24.0	38.0	23.7
2004	21.5	21.8	44.1	41.3	28.5
2005	37.8	23.2	(NA/)	(NA/)	24.2
2006	14.2	(NA/)	(NA/)	(NA/)	34.5
2007	25.5	(NA/)	(NA/)	(NA/)	6.2
2008	2.1	(NA/)	(NA/)	(NA/)	0.0
2009	19.3	(NA/)	(NA/)	(NA/)	-18.2
2010	-39.4	(NA/)	(NA/)	(NA/)	-16.1
2011	-24.5	(NA/)	(NA/)	(NA/)	-17.9
2012	6.1	(NA/)	(NA/)	(NA/)	15.5
2013	8.4	(NA/)	(NA/)	(NA/)	4.2
2014	10.4	(NA/)	(NA/)	(NA/)	11.3
2015	8.3	(NA/)	(NA/)	(NA/)	-1.2
2016	-3.4	(NA/)	(NA/)	(NA/)	1.2
2017	12.3	(NA/)	(NA/)	(NA/)	7.2
2018	-0.2	(NA/)	(NA/)	(NA/)	12.4
2019	10.2	(NA/)	(NA/)	(NA/)	3.2
2020	5.7	(NA/)	(NA/)	(NA/)	11.8
2021	7.9	(NA/)	(NA/)	(NA/)	12.6
2022	25.2	(NA/)	(NA/)	(NA/)	19.2

NA Not available.

1/ This series consists of resales of new condominiums, duplexes and townhomes that are entered in the Multiple Listing Service. It does not include apartment buildings.

2/ Only Q1, Year-to-Date and Annual Average medians are available in Maui reports.

Source: Honolulu Board of Realtors, Research Department and Realtors Association of Maui, Inc.

Table E-19. SINGLE FAMILY HOME RESALES FOR MAUI: UNITS

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Units 1/					
1990	130	176	119	118	543
1991	74	130	120	95	419
1992	85	103	99	79	366
1993	55	97	90	109	351
1994	96	109	108	95	408
1995	66	90	91	89	336
1996	94	103	133	121	451
1997	98	132	138	140	508
1998	135	178	164	165	642
1999	210	280	245	230	965
2000	263	270	247	206	986
2001	229	306	267	207	1,009
2002	205	251	264	277	997
2003	256	359	424	381	1,420
2004	295	298	291	344	1,228
2005	302	372	376	228	1,278
2006	253	246	251	332	1,082
2007	341	309	243	250	1,143
2008	228	251	229	202	910
2009	121	175	166	231	693
2010	174	253	195	195	817
2011	202	241	229	229	901
2012	210	230	230	268	938
2013	209	281	259	235	984
2014	195	263	263	223	944
2015	221	276	322	271	1,090
2016	240	293	272	271	1,076
2017	234	313	279	275	1,101
2018	286	291	303	259	1,139
2019	238	301	306	275	1,120
2020	259	198	296	306	1,059
2021	325	370	347	336	1,378
2022 2/	284	296	235	208	1,023
Percentage Change from the Same Period in Previous Year 1/					
1991	-43.1	-26.1	0.8	-19.5	-22.8
1992	14.9	-20.8	-17.5	-16.8	-12.6
1993	-35.3	-5.8	-9.1	38.0	-4.1
1994	74.5	12.4	20.0	-12.8	16.2
1995	-31.3	-17.4	-15.7	-6.3	-17.6
1996	42.4	14.4	46.2	36.0	34.2
1997	4.3	28.2	3.8	15.7	12.6
1998	37.8	34.8	18.8	17.9	26.4
1999	55.6	57.3	49.4	39.4	50.3
2000	25.2	-3.6	0.8	-10.4	2.2
2001	-12.9	13.3	8.1	0.5	2.3
2002	-10.5	-18.0	-1.1	33.8	-1.2
2003	24.9	43.0	60.6	37.5	42.4
2004	15.2	-17.0	-31.4	-9.7	-13.5
2005	2.4	24.8	29.2	-33.7	4.1
2006	-16.2	-33.9	-33.2	45.6	-15.3
2007	34.8	25.6	-3.2	-24.7	5.6
2008	-33.1	-18.8	-5.8	-19.2	-20.4
2009	-46.9	-30.3	-27.5	14.4	-23.8
2010	43.8	44.6	17.5	-15.6	17.9
2011	16.1	-4.7	17.4	17.4	10.3
2012	4.0	-4.6	0.4	17.0	4.1
2013	-0.5	22.2	12.6	-12.3	4.9
2014	-6.7	-6.4	1.5	-5.1	-4.1
2015	13.3	4.9	22.4	21.5	15.5
2016	8.6	6.2	-15.5	0.0	-1.3
2017	-2.5	6.8	2.6	1.5	2.3
2018	22.2	-7.0	8.6	-5.8	3.5
2019	-16.8	3.4	1.0	6.2	-1.7
2020	8.8	-34.2	-3.3	11.3	-5.4
2021	25.5	86.9	17.2	9.8	30.1
2022 2/	-12.6	-20.0	-32.3	-38.1	-25.8

1/ This series consists of resales that are entered in the Multiple Listing Service.
2/ Q1 and Q3 revised from previous *QSER.*
Source: Honolulu Board of Realtors, Research Department and Realtors Association of Maui, Inc.

Table E-20. CONDOMINIUM RESALES FOR MAUI: UNITS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Units 1/					
1990	346	421	365	306	1,438
1991	105	157	178	138	578
1992	120	128	135	104	487
1993	99	122	101	124	446
1994	133	187	154	118	592
1995	126	150	104	105	485
1996	131	168	127	151	577
1997	201	202	186	223	812
1998	212	274	253	261	1,000
1999	239	376	390	348	1,353
2000	364	435	349	348	1,496
2001	376	399	327	246	1,348
2002	313	431	434	400	1,578
2003	443	510	545	503	2,001
2004	506	594	458	377	1,935
2005	430	592	576	413	2,011
2006	393	366	227	263	1,249
2007	278	341	298	271	1,188
2008	276	234	180	123	813
2009	265	150	207	213	835
2010	295	373	248	232	1,148
2011	310	336	268	243	1,157
2012	304	364	247	338	1,253
2013	265	408	346	307	1,326
2014	310	347	258	288	1,203
2015	301	314	290	280	1,185
2016	291	355	334	330	1,310
2017	342	371	337	403	1,453
2018	372	499	410	376	1,657
2019	405	406	402	404	1,617
2020	423	208	297	433	1,361
2021	514	757	582	464	2,317
2022 2/	504	485	302	228	1,519
Percentage Change from the Same Period in Previous Year 1/					
1991	-69.7	-62.7	-51.2	-54.9	-59.8
1992	14.3	-18.5	-24.2	-24.6	-15.7
1993	-17.5	-4.7	-25.2	19.2	-8.4
1994	34.3	53.3	52.5	-4.8	32.7
1995	-5.3	-19.8	-32.5	-11.0	-18.1
1996	4.0	12.0	22.1	43.8	19.0
1997	53.4	20.2	46.5	47.7	40.7
1998	5.5	35.6	36.0	17.0	23.2
1999	12.7	37.2	54.2	33.3	35.3
2000	52.3	15.7	-10.5	0.0	10.6
2001	3.3	-8.3	-6.3	-29.3	-9.9
2002	-16.8	8.0	32.7	62.6	17.1
2003	41.5	18.3	25.6	25.8	26.8
2004	14.2	16.5	-16.0	-25.0	-3.3
2005	-15.0	-0.3	25.8	9.5	3.9
2006	-8.6	-38.2	-60.6	-36.3	-37.9
2007	-29.3	-6.8	31.3	3.0	-4.9
2008	-0.7	-31.4	-39.6	-54.6	-31.6
2009	-4.0	-35.9	15.0	73.2	2.7
2010	11.3	148.7	19.8	8.9	37.5
2011	5.1	-9.9	8.1	4.7	0.8
2012	-1.9	8.3	-7.8	39.1	8.3
2013	-12.8	12.1	40.1	-9.2	5.8
2014	17.0	-15.0	-25.4	-6.2	-9.3
2015	-2.9	-9.5	12.4	-2.8	-1.5
2016	-3.3	13.1	15.2	17.9	10.5
2017	17.5	4.5	0.9	22.1	10.9
2018	8.8	34.5	21.7	-6.7	14.0
2019	8.9	-18.6	-2.0	7.4	-2.4
2020	4.4	-48.8	-26.1	7.2	-15.8
2021	21.5	263.9	96.0	7.2	70.2
2022 2/	-1.9	-35.9	-48.1	-50.9	-34.4

1/ This series consists of resales of new condominiums, duplexes and townhomes that are entered in the Multiple Listing Service. It does not include apartment buildings.

2/ Q3 revised from previous *QSER.*

Source: Honolulu Board of Realtors, Research Department and Realtors Association of Maui, Inc.

F. OTHER INDICATORS

The total number of bankruptcy filings in Hawaii declined 8.3 percent or by 22 cases for the fourth quarter of 2022, from the same quarter of 2021. 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, decreased 18.1 percent or 33 cases in the fourth quarter of 2022. 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 1 case in the fourth quarter of 2021 to 7 cases in the fourth quarter of 2022. 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 6.2 percent or 5 cases in the fourth quarter of 2022, from the same quarter of 2021. 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/bnkrpctystats/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)

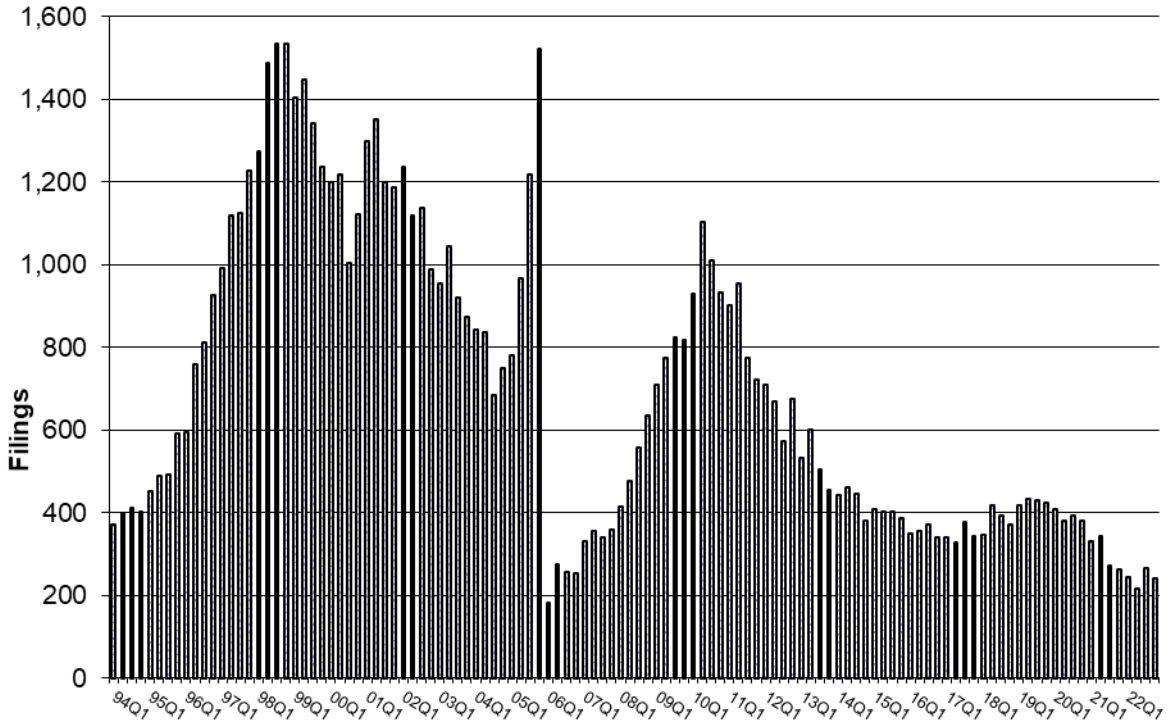


Table F-1. BANKRUPTCY FILINGS

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
Total (Chapters 7, 11, 12, 13) 1/					
1994	373	400	413	401	1,600
1995	453	489	492	591	2,036
1996	595	760	812	925	3,092
1997	992	1,119	1,125	1,227	4,463
1998	1,273	1,488	1,534	1,534	5,829
1999	1,404	1,446	1,341	1,235	5,426
2000	1,198	1,219	1,004	1,123	4,549
2001	1,300	1,352	1,200	1,187	5,039
2002	1,238	1,119	1,138	988	4,485
2003	953	1,045	919	874	3,795
2004	844	835	684	749	3,112
2005	782	967	1,217	1,522	4,489
2006	181	274	256	254	965
2007	332	356	339	359	1,386
2008	416	476	556	636	2,087
2009	708	773	824	818	3,123
2010	930	1,103	1,010	934	3,978
2011	901	954	775	721	3,352
2012	709	668	574	674	2,625
2013	533	600	506	454	2,093
2014	443	461	447	380	1,731
2015	410	402	401	386	1,599
2016	349	356	372	342	1,419
2017	339	327	379	345	1,390
2018	348	418	392	371	1,529
2019	417	433	429	425	1,704
2020	409	381	394	382	1,566
2021	331	345	272	264	1,212
2022	243	217	265	242	967
Chapter 7					
1994	336	357	373	362	1,428
1995	414	454	440	538	1,842
1996	532	679	736	832	2,771
1997	866	999	1,005	1,090	3,950
1998	1,123	1,344	1,415	1,401	5,266
1999	1,286	1,337	1,180	1,095	4,879
2000	1,060	1,103	880	989	4,012
2001	1,186	1,216	1,062	1,045	4,509
2002	1,097	1,002	1,035	865	4,001
2003	833	907	790	760	3,294
2004	748	719	610	655	2,732
2005	695	871	1,146	1,418	4,131
2006	156	233	204	208	801
2007	270	292	265	281	1,108
2008	326	371	413	517	1,627
2009	592	599	648	664	2,503
2010	751	895	772	688	3,107
2011	685	711	637	552	2,582
2012	543	504	433	479	1,959
2013	391	453	375	330	1,549
2014	317	316	308	275	1,216
2015	291	274	286	248	1,099
2016	232	256	246	209	943
2017	234	226	249	228	937
2018	236	271	270	253	1,030
2019	294	280	297	290	1,161
2020	286	299	291	306	1,182
2021	248	251	190	182	871
2022	157	147	172	149	625
Chapter 11					
1994	12	19	9	18	58
1995	6	10	10	10	36
1996	12	18	14	8	52
1997	16	11	15	8	50
1998	7	8	4	8	27
1999	8	9	6	4	29
2000	4	4	10	12	30
2001	4	3	11	5	23
2002	8	4	4	4	20
2003	8	17	8	5	39
2004	4	12	1	5	23
2005	10	2	1	3	16
2006	2	4	2	1	9
2007	5	6	2	5	18
2008	3	2	4	11	23
2009	3	3	6	6	18
2010	6	3	3	8	20
2011	6	13	3	1	24
2012	5	4	0	4	13
2013	6	4	7	3	20
2014	2	2	3	3	10
2015	7	0	4	6	17
2016	6	4	4	1	15
2017	1	3	3	6	13
2018	1	1	0	2	4
2019	3	1	3	6	13
2020	1	4	1	1	7
2021	8	0	0	1	9
2022	2	0	5	7	14
Chapter 13					
1994	24	23	31	21	99
1995	33	25	39	43	141
1996	51	63	62	85	260
1997	110	109	105	129	452
1998	142	135	115	125	518
1999	109	100	155	136	501
2000	133	112	114	121	483
2001	110	133	127	137	507
2002	133	113	99	116	461
2003	112	121	121	108	462
2004	92	104	72	88	356
2005	77	93	70	101	341
2006	23	36	50	44	153
2007	56	58	72	73	259
2008	87	102	139	108	436
2009	113	171	168	148	600
2010	172	204	235	238	849
2011	210	230	134	167	741
2012	159	160	141	191	651
2013	136	143	124	120	523
2014	124	143	136	102	505
2015	112	127	111	132	482
2016	111	96	122	132	461
2017	103	98	126	111	438
2018	111	146	122	116	495
2019	120	152	129	128	529
2020	121	78	101	75	375
2021	75	94	82	81	332
2022	84	70	88	86	328

1/ Chapter 12 filings in Hawaii have been between 0 and 3 per quarter and can be calculated as Total less Chapters 7, 11 and 13.
2/ Revised Q2 with U.S. Bankruptcy Courts data.
Source: U.S. Bankruptcy Court <http://www.uscourts.gov/statistics-reports/caseload-statistics-data-tables> and for the District of Hawaii <http://www.hib.uscourts.gov/stats/index_stats.html>.

Table F-1. BANKRUPTCY FILINGS - Con.

[Percentage change from the same period in previous year]

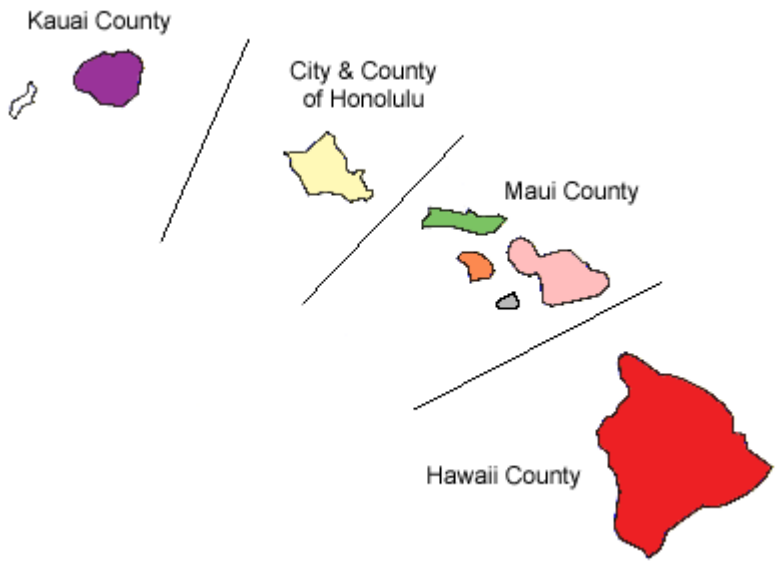
Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Total (Chapters 7, 11, 12, 13) 1/					
1995	21.4	22.3	19.1	47.4	27.3
1996	31.3	55.4	65.0	56.5	51.9
1997	66.7	47.2	38.5	32.6	44.3
1998	28.3	33.0	36.4	25.0	30.6
1999	10.3	-2.8	-12.6	-19.5	-6.9
2000	-14.7	-15.7	-25.1	-9.1	-16.2
2001	8.5	10.9	19.5	5.7	10.8
2002	-4.8	-17.2	-5.2	-16.8	-11.0
2003	-23.0	-6.6	-19.2	-11.5	-15.4
2004	-11.4	-20.1	-25.6	-14.3	-18.0
2005	-7.3	15.8	77.9	103.2	44.2
2006	-76.9	-71.7	-79.0	-83.3	-78.5
2007	83.4	29.9	32.4	41.3	43.6
2008	25.3	33.7	64.0	77.2	50.6
2009	70.2	62.4	48.2	28.6	49.6
2010	31.4	42.7	22.6	14.2	27.4
2011	-3.1	-13.5	-23.3	-22.8	-15.7
2012	-21.3	-30.0	-25.9	-6.5	-21.7
2013	-24.8	-10.2	-11.8	-32.6	-20.3
2014	-16.9	-23.2	-11.7	-16.3	-17.3
2015	-7.4	-12.8	-10.3	1.6	-7.6
2016	-14.9	-11.4	-7.2	-11.4	-11.3
2017	-2.9	-8.1	1.9	0.9	-2.0
2018	2.7	27.8	3.4	7.5	10.0
2019	19.8	3.6	9.4	14.6	11.4
2020	-1.9	-12.0	-8.2	-10.1	-8.1
2021	-19.1	-9.4	-31.0	-30.9	-22.6
2022	-26.6	-37.1	-2.6	-8.3	-20.2
Chapter 7					
1995	23.2	27.2	18.0	48.6	29.0
1996	28.5	49.6	67.3	54.6	50.4
1997	62.8	47.1	36.5	31.0	42.5
1998	29.7	34.5	40.8	28.5	33.3
1999	14.5	-0.5	-16.6	-21.8	-7.3
2000	-17.6	-17.5	-25.4	-9.7	-17.8
2001	11.9	10.2	20.7	5.7	12.4
2002	-7.5	-17.6	-2.5	-17.2	-11.3
2003	-24.1	-9.5	-23.7	-12.1	-17.7
2004	-10.2	-20.7	-22.8	-13.8	-17.1
2005	-7.1	21.1	87.9	116.5	51.2
2006	-77.6	-73.2	-82.2	-85.3	-80.6
2007	73.1	25.3	29.9	35.1	38.3
2008	20.7	27.1	55.8	84.0	46.8
2009	81.6	61.5	56.9	28.4	53.8
2010	26.9	49.4	19.1	3.6	24.1
2011	-8.8	-20.6	-17.5	-19.8	-16.9
2012	-20.7	-29.1	-32.0	-13.2	-24.1
2013	-28.0	-10.1	-13.4	-31.1	-20.9
2014	-18.9	-30.2	-17.9	-16.7	-21.5
2015	-8.2	-13.3	-7.1	-9.8	-9.6
2016	-20.3	-6.6	-14.0	-15.7	-14.2
2017	0.9	-11.7	1.2	9.1	-0.6
2018	0.9	19.9	8.4	11.0	9.9
2019	24.6	3.3	10.0	14.6	12.7
2020	-2.7	6.8	-2.0	5.5	1.8
2021	-13.3	-16.1	-34.7	-40.5	-26.3
2022	-36.7	-41.4	-9.5	-18.1	-28.2
Chapter 11					
1995	-50.0	-47.4	11.1	-44.4	-37.9
1996	100.0	80.0	40.0	-20.0	44.4
1997	33.3	-38.9	7.1	0.0	-3.8
1998	-56.3	-27.3	-73.3	0.0	-46.0
1999	14.3	12.5	50.0	-50.0	7.4
2000	-50.0	-55.6	66.7	200.0	3.4
2001	0.0	-25.0	10.0	-58.3	-23.3
2002	100.0	33.3	-63.6	-20.0	-13.0
2003	0.0	325.0	100.0	25.0	95.0
2004	-50.0	-29.4	-87.5	0.0	-41.0
2005	150.0	-83.3	0.0	-40.0	-30.4
2006	-80.0	100.0	100.0	-66.7	-43.8
2007	150.0	50.0	0.0	400.0	100.0
2008	-40.0	-66.7	100.0	120.0	27.8
2009	0.0	50.0	50.0	-45.5	-21.7
2010	100.0	0.0	-50.0	33.3	11.1
2011	0.0	333.3	0.0	-87.5	20.0
2012	-16.7	-69.2	(2/)	300.0	-45.8
2013	20.0	0.0	(2/)	-25.0	53.8
2014	-66.7	-50.0	-57.1	0.0	-50.0
2015	250.0	(2/)	33.3	100.0	70.0
2016	-14.3	(2/)	0.0	-83.3	-11.8
2017	-83.3	-25.0	-25.0	500.0	-13.3
2018	0.0	-66.7	(2/)	-66.7	-69.2
2019	200.0	0.0	(2/)	200.0	225.0
2020	-66.7	300.0	-66.7	-83.3	-46.2
2021	700.0	(2/)	(2/)	0.0	28.6
2022	-75.0	(2/)	(2/)	600.0	55.6
Chapter 13					
1995	37.5	8.7	25.8	104.8	42.4
1996	54.5	152.0	59.0	97.7	84.4
1997	115.7	73.0	69.4	51.8	73.8
1998	29.1	23.9	9.5	-3.1	14.6
1999	-23.2	-25.9	34.8	8.8	-3.3
2000	22.0	12.0	-26.5	-11.0	-3.6
2001	-17.3	18.8	11.4	13.2	5.0
2002	20.9	-15.0	-22.0	-15.3	-9.1
2003	-15.8	7.1	22.2	-6.9	0.2
2004	-17.9	-14.0	-40.5	-18.5	-22.9
2005	-16.3	-10.6	-2.8	14.8	-4.2
2006	-70.1	-61.3	-28.6	-56.4	-55.1
2007	143.5	61.1	44.0	65.9	69.3
2008	55.4	75.9	93.1	47.9	68.3
2009	29.9	67.6	20.9	37.0	37.6
2010	52.2	19.3	39.9	60.8	41.5
2011	22.1	12.7	-43.0	-29.8	-12.7
2012	-24.3	-30.4	5.2	14.4	-12.1
2013	-14.5	-10.6	-12.1	-37.2	-19.7
2014	-8.8	0.0	9.7	-15.0	-3.4
2015	-9.7	-11.2	-18.4	29.4	-4.6
2016	-0.9	-24.4	9.9	0.0	-4.4
2017	-7.2	2.1	3.3	-15.9	-5.0
2018	7.8	49.0	-3.2	4.5	13.0
2019	8.1	4.1	5.7	10.3	6.9
2020	0.8	-48.7	-21.7	-41.4	-29.1
2021	-38.0	20.5	-18.8	8.0	-11.5
2022	12.0	-25.5	7.3	6.2	-1.2

1/ Chapter 12 filings in Hawaii have been between 0 and 3 per quarter and can be calculated as Total less Chapters 7, 11 and 13.

2/ Revised Q2 with U.S. Bankruptcy Courts data.

Source: U.S. Bankruptcy Court <http://www.uscourts.gov/statistics-reports/caseload-statistics-data-tables> and for the District of Hawaii <http://www.hib.uscourts.gov/stats/index_stats.html>.

G. SELECTED COUNTY TABLES



Beginning with the December 2003 issue, additional county tables have been provided to supplement the State statistics provided:

Title tables	State table Pages	Page	County
Civilian Labor Force	A- 1. 16	G- 1 to G- 4	131-134
Civilian Employed	A- 2. 17	G- 5 to G- 8	135-138
Civilian Unemployed	A- 3. 18	G- 9 to G-12	139-142
Civilian Unemployment Rate	A- 4. 19	G-13 to G-16	143-146
Total Visitor Arrivals - By Air	D- 2. 84	G-17 to G-20	147-150
Hotel Occupancy Rate	D-15. 100	G-21 to G-24	151-154
Private Residential Building Permits (Units)	E-3.....106	G-25 to G-28	155-158
Home Sales by Type	E-9.....113	G-29 to G-32	159-166
Home Sales by Residency of Buyer	E-10.....115	G-33 to G-36	167-174

Table G-1. CIVILIAN LABOR FORCE - HONOLULU

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	403,200	409,200	409,200	413,300	408,700
1991	413,900	414,250	412,700	412,550	413,350
1992	415,500	418,350	419,900	421,550	418,850
1993	422,300	425,800	422,700	423,150	423,500
1994	424,750	424,450	421,150	423,650	423,500
1995	424,400	427,450	424,300	423,850	425,000
1996	428,150	431,900	430,400	432,150	430,650
1997	433,100	435,150	433,300	432,600	433,550
1998	432,700	433,850	433,050	434,100	433,400
1999	430,350	433,150	429,600	431,350	431,100
2000	431,100	432,400	428,050	430,450	430,500
2001	431,450	430,700	427,200	429,900	429,800
2002	426,800	425,600	423,000	423,750	424,800
2003	425,400	425,950	422,800	426,050	425,050
2004	426,450	428,150	427,300	432,400	428,600
2005	433,350	437,850	439,800	442,200	438,300
2006	441,450	443,000	442,650	444,100	442,800
2007	443,150	441,600	438,450	442,250	441,350
2008	444,250	447,350	444,800	445,000	445,350
2009	441,750	441,650	438,850	438,950	440,300
2010	437,000	444,250	446,700	452,500	445,100
2011	454,650	455,000	452,200	455,150	454,250
2012	449,750	449,150	445,150	448,000	448,000
2013	445,950	448,700	447,150	453,050	448,700
2014	457,200	457,450	454,750	458,900	457,050
2015	461,400	461,550	457,050	462,400	460,600
2016	464,300	462,700	461,950	464,500	463,350
2017 2/	478,000	474,200	469,650	468,500	472,600
2018 2/	473,450	471,950	465,600	466,950	469,500
2019 2/	466,800	461,800	461,900	465,100	463,900
2020 2/	467,950	437,250	445,300	447,100	449,400
2021 2/	447,850	449,600	452,300	456,900	451,650
2022 3/	454,650	454,300	457,750	456,800	455,600
Percentage Change from the Same Period in Previous Year 1/					
1991	2.7	1.2	0.9	-0.2	1.1
1992	0.4	1.0	1.7	2.2	1.3
1993	1.6	1.8	0.7	0.4	1.1
1994	0.6	-0.3	-0.4	0.1	0.0
1995	-0.1	0.7	0.7	0.0	0.4
1996	0.9	1.0	1.4	2.0	1.3
1997	1.2	0.8	0.7	0.1	0.7
1998	-0.1	-0.3	-0.1	0.3	0.0
1999	-0.5	-0.2	-0.8	-0.6	-0.5
2000	0.2	-0.2	-0.4	-0.2	-0.1
2001	0.1	-0.4	-0.2	-0.1	-0.2
2002	-1.1	-1.2	-1.0	-1.4	-1.2
2003	-0.3	0.1	0.0	0.5	0.1
2004	0.2	0.5	1.1	1.5	0.8
2005	1.6	2.3	2.9	2.3	2.3
2006	1.9	1.2	0.6	0.4	1.0
2007	0.4	-0.3	-0.9	-0.4	-0.3
2008	0.2	1.3	1.4	0.6	0.9
2009	-0.6	-1.3	-1.3	-1.4	-1.1
2010	-1.1	0.6	1.8	3.1	1.1
2011	4.0	2.4	1.2	0.6	2.1
2012	-1.1	-1.3	-1.6	-1.6	-1.4
2013	-0.8	-0.1	0.4	1.1	0.2
2014	2.5	2.0	1.7	1.3	1.9
2015	0.9	0.9	0.5	0.8	0.8
2016	0.6	0.2	1.1	0.5	0.6
2017 2/	3.0	2.5	1.7	0.9	2.0
2018 2/	-1.0	-0.5	-0.9	-0.3	-0.7
2019 2/	-1.4	-2.2	-0.8	-0.4	-1.2
2020 2/	0.2	-5.3	-3.6	-3.9	-3.1
2021 2/	-4.3	2.8	1.6	2.2	0.5
2022 3/	1.5	1.0	1.2	0.0	0.9

1/ Data rounded to nearest 50.
2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimation
3/ 2022 data are preliminary. Q3 revised from previous *QSER*.

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-2. CIVILIAN LABOR FORCE - HAWAII

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	56,450	58,200	59,400	59,350	58,350
1991	61,250	62,650	64,350	62,900	62,800
1992	63,450	64,850	65,500	63,350	64,300
1993	64,750	65,050	65,350	64,400	64,900
1994	64,800	65,100	66,500	64,450	65,200
1995	64,300	64,950	65,900	64,600	64,950
1996	65,700	66,950	68,200	68,000	67,200
1997	69,550	68,750	70,500	68,650	69,350
1998	68,950	69,400	70,250	68,800	69,350
1999	70,050	70,200	71,650	70,100	70,500
2000	74,550	73,950	73,650	73,100	73,800
2001	75,400	74,950	75,450	75,650	75,350
2002	75,600	75,550	76,050	74,950	75,550
2003	76,150	76,550	77,300	77,350	76,850
2004	77,650	78,000	79,300	78,850	78,450
2005	79,550	80,150	81,500	81,100	80,600
2006	82,000	83,050	84,000	84,750	83,450
2007	85,300	84,700	84,300	83,900	84,550
2008	85,200	85,750	85,350	83,800	85,000
2009	83,900	83,850	84,300	82,900	83,750
2010	87,300	89,250	89,700	87,900	88,550
2011	89,600	90,200	90,400	87,750	89,500
2012	87,550	87,650	87,800	86,150	87,300
2013	86,400	87,000	87,600	86,400	86,850
2014	86,800	88,500	89,950	88,300	88,400
2015	88,350	89,350	90,550	89,450	89,400
2016	91,350	92,600	93,550	92,400	92,450
2017 2/	95,000	95,900	95,250	94,300	95,100
2018 2/	94,800	95,500	95,100	93,450	94,700
2019 2/	93,300	93,650	93,500	93,950	93,600
2020 2/	93,950	89,850	91,300	91,400	91,650
2021 2/	92,800	93,400	94,750	94,400	93,850
2022 3/	93,750	92,750	93,950	94,350	93,700
Percentage Change from the Same Period in Previous Year 1/					
1991	8.5	7.6	8.3	6.0	7.6
1992	3.6	3.5	1.8	0.7	2.4
1993	2.0	0.3	-0.2	1.7	0.9
1994	0.1	0.1	1.8	0.1	0.5
1995	-0.8	-0.2	-0.9	0.2	-0.4
1996	2.2	3.1	3.5	5.3	3.5
1997	5.9	2.7	3.4	1.0	3.2
1998	-0.9	0.9	-0.4	0.2	0.0
1999	1.6	1.2	2.0	1.9	1.7
2000	6.4	5.3	2.8	4.3	4.7
2001	1.1	1.4	2.4	3.5	2.1
2002	0.3	0.8	0.8	-0.9	0.3
2003	0.7	1.3	1.6	3.2	1.7
2004	2.0	1.9	2.6	1.9	2.1
2005	2.4	2.8	2.8	2.9	2.7
2006	3.1	3.6	3.1	4.5	3.5
2007	4.0	2.0	0.4	-1.0	1.3
2008	-0.1	1.2	1.2	-0.1	0.5
2009	-1.5	-2.2	-1.2	-1.1	-1.5
2010	4.1	6.4	6.4	6.0	5.7
2011	2.6	1.1	0.8	-0.2	1.1
2012	-2.3	-2.8	-2.9	-1.8	-2.5
2013	-1.3	-0.7	-0.2	0.3	-0.5
2014	0.5	1.7	2.7	2.2	1.8
2015	1.8	1.0	0.7	1.3	1.1
2016	3.4	3.6	3.3	3.3	3.4
2017 2/	4.0	3.6	1.8	2.1	2.9
2018 2/	-0.2	-0.4	-0.2	-0.9	-0.4
2019 2/	-1.6	-1.9	-1.7	0.5	-1.2
2020 2/	0.7	-4.1	-2.4	-2.7	-2.1
2021 2/	-1.2	4.0	3.8	3.3	2.4
2022 3/	1.0	-0.7	-0.8	-0.1	-0.2

1/ Data rounded to nearest 50.
2/ 2017 through 2021 benchmarked in March 2022 and reflect revised population controls and model reestimatio
3/ 2022 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-3. CIVILIAN LABOR FORCE - MAUI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	55,350	57,450	58,750	57,650	57,300
1991	58,350	59,650	62,150	62,050	60,550
1992	63,150	64,800	66,400	65,150	64,850
1993	64,950	65,950	66,600	64,750	65,550
1994	65,550	65,600	67,050	66,000	66,050
1995	66,450	66,800	67,650	66,200	66,750
1996	67,200	67,550	69,200	68,650	68,150
1997	70,100	70,000	70,850	69,000	70,000
1998	69,900	70,900	72,300	70,500	70,900
1999	72,450	72,150	73,500	72,650	72,700
2000	70,950	70,800	71,100	70,650	70,900
2001	72,350	72,550	72,700	71,550	72,300
2002	71,750	71,600	72,250	70,150	71,450
2003	71,150	71,150	72,100	71,100	71,350
2004	73,200	73,250	74,400	73,100	73,500
2005	73,950	74,700	75,900	74,750	74,850
2006	75,750	76,350	77,850	77,400	76,850
2007	78,150	78,500	78,800	77,450	78,250
2008	78,850	79,550	79,150	76,150	78,400
2009	75,850	76,250	76,900	74,850	75,950
2010	78,850	80,200	80,750	79,850	79,900
2011	81,750	81,750	81,900	79,850	81,300
2012	80,500	80,500	80,900	79,700	80,400
2013	80,250	80,550	81,400	80,750	80,750
2014	82,550	83,150	83,950	83,200	83,200
2015	84,150	84,700	85,550	84,500	84,750
2016	86,350	86,450	87,300	86,650	86,700
2017 2/	90,100	90,250	90,050	88,700	89,800
2018 2/	89,950	90,650	91,050	89,500	90,300
2019 2/	89,950	89,200	89,800	89,100	89,500
2020 2/	89,350	85,150	82,600	83,400	85,100
2021 2/	84,200	86,800	88,800	88,050	86,950
2022 3/	87,700	86,500	88,250	87,300	87,450
Percentage Change from the Same Period in Previous Year 1/					
1991	5.4	3.8	5.8	7.6	5.7
1992	8.2	8.6	6.8	5.0	7.1
1993	2.9	1.8	0.3	-0.6	1.1
1994	0.9	-0.5	0.7	1.9	0.8
1995	1.4	1.8	0.9	0.3	1.1
1996	1.1	1.1	2.3	3.7	2.1
1997	4.3	3.6	2.4	0.5	2.7
1998	-0.3	1.3	2.0	2.2	1.3
1999	3.6	1.8	1.7	3.0	2.5
2000	-2.1	-1.9	-3.3	-2.8	-2.5
2001	2.0	2.5	2.3	1.3	2.0
2002	-0.8	-1.3	-0.6	-2.0	-1.2
2003	-0.8	-0.6	-0.2	1.4	-0.1
2004	2.9	3.0	3.2	2.8	3.0
2005	1.0	2.0	2.0	2.3	1.8
2006	2.4	2.2	2.6	3.5	2.7
2007	3.2	2.8	1.2	0.1	1.8
2008	0.9	1.3	0.4	-1.7	0.2
2009	-3.8	-4.1	-2.8	-1.7	-3.1
2010	4.0	5.2	5.0	6.7	5.2
2011	3.7	1.9	1.4	0.0	1.8
2012	-1.5	-1.5	-1.2	-0.2	-1.1
2013	-0.3	0.1	0.6	1.3	0.4
2014	2.9	3.2	3.1	3.0	3.0
2015	1.9	1.9	1.9	1.6	1.9
2016	2.6	2.1	2.0	2.5	2.3
2017 2/	4.3	4.4	3.2	2.4	3.6
2018 2/	-0.2	0.4	1.1	0.9	0.6
2019 2/	0.0	-1.6	-1.4	-0.4	-0.9
2020 2/	-0.7	-4.5	-8.0	-6.4	-4.9
2021 2/	-5.8	1.9	7.5	5.6	2.2
2022 3/	4.2	-0.3	-0.6	-0.9	0.6

1/ Data rounded to nearest 50.

2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestim

3/ 2022 data are preliminary. Q3 revised from previous *QSER*.

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-4. CIVILIAN LABOR FORCE - KAUAI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	26,000	25,850	26,000	26,550	26,100
1991	27,550	28,150	28,800	28,100	28,150
1992	28,700	29,050	28,900	29,150	28,950
1993	28,350	28,150	28,200	28,000	28,200
1994	28,400	28,300	28,700	28,450	28,450
1995	28,450	28,500	29,100	28,700	28,650
1996	28,950	28,800	29,100	29,000	28,950
1997	28,800	28,900	29,200	28,550	28,850
1998	28,800	28,950	29,350	28,850	29,000
1999	29,250	29,150	29,650	29,400	29,400
2000	30,500	30,400	30,250	29,700	30,200
2001	30,150	30,250	30,200	29,800	30,100
2002	29,600	29,950	30,550	30,000	30,000
2003	30,400	30,500	31,050	30,750	30,700
2004	30,750	31,300	31,700	31,200	31,250
2005	31,450	31,550	32,550	31,800	31,850
2006	31,850	32,100	32,700	32,650	32,350
2007	32,450	32,500	32,900	32,500	32,600
2008	32,750	32,800	33,100	32,300	32,750
2009	31,950	31,950	32,300	31,600	31,950
2010	34,150	35,050	35,650	35,050	34,950
2011	35,600	35,900	36,200	34,700	35,600
2012	34,850	34,700	35,100	34,250	34,750
2013	34,450	34,750	35,100	34,450	34,700
2014	35,100	35,550	35,750	35,000	35,350
2015	35,600	36,000	36,250	35,550	35,850
2016	36,250	36,650	37,150	36,350	36,600
2017 2/	37,650	38,150	38,200	37,300	37,850
2018 2/	37,700	37,400	37,800	37,100	37,500
2019 2/	37,350	37,700	38,100	37,550	37,700
2020 2/	37,650	36,400	35,950	35,350	36,350
2021 2/	33,850	36,000	37,150	36,800	35,950
2022 3/	36,550	36,250	36,900	37,000	36,700
Percentage Change from the Same Period in Previous Year 1/					
1991	6.0	8.9	10.8	5.8	7.9
1992	4.2	3.2	0.3	3.7	2.8
1993	-1.2	-3.1	-2.4	-3.9	-2.6
1994	0.2	0.5	1.8	1.6	0.9
1995	0.2	0.7	1.4	0.9	0.7
1996	1.8	1.1	0.0	1.0	1.0
1997	-0.5	0.3	0.3	-1.6	-0.3
1998	0.0	0.2	0.5	1.1	0.5
1999	1.6	0.7	1.0	1.9	1.4
2000	4.3	4.3	2.0	1.0	2.7
2001	-1.1	-0.5	-0.2	0.3	-0.3
2002	-1.8	-1.0	1.2	0.7	-0.3
2003	2.7	1.8	1.6	2.5	2.3
2004	1.2	2.6	2.1	1.5	1.8
2005	2.3	0.8	2.7	1.9	1.9
2006	1.3	1.7	0.5	2.7	1.6
2007	1.9	1.2	0.6	-0.5	0.8
2008	0.9	0.9	0.6	-0.6	0.5
2009	-2.4	-2.6	-2.4	-2.2	-2.4
2010	6.9	9.7	10.4	10.9	9.4
2011	4.2	2.4	1.5	-1.0	1.9
2012	-2.1	-3.3	-3.0	-1.3	-2.4
2013	-1.1	0.1	0.0	0.6	-0.1
2014	1.9	2.3	1.9	1.6	1.9
2015	1.4	1.3	1.4	1.6	1.4
2016	1.8	1.8	2.5	2.3	2.1
2017 2/	3.9	4.1	2.8	2.6	3.4
2018 2/	0.1	-2.0	-1.0	-0.5	-0.9
2019 2/	-0.9	0.8	0.8	1.2	0.5
2020 2/	0.8	-3.4	-5.6	-5.9	-3.6
2021 2/	-10.1	-1.1	3.3	4.1	-1.1
2022 3/	8.0	0.7	-0.7	0.5	2.1

1/ Data rounded to nearest 50.

2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimat

3/ 2022 data are preliminary. Q3 revised from previous *QSER*.

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-5. CIVILIAN EMPLOYMENT - HONOLULU

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	394,750	400,000	400,500	405,400	400,150
1991	405,400	405,600	404,250	404,150	404,850
1992	405,200	406,800	407,700	410,100	407,450
1993	409,500	412,550	409,300	409,400	410,200
1994	408,150	407,300	403,250	408,100	406,700
1995	408,350	408,600	404,350	405,300	406,650
1996	407,450	410,200	408,950	411,300	409,500
1997	411,900	413,600	411,100	412,400	412,250
1998	412,050	412,500	410,050	412,350	411,750
1999	409,750	412,500	410,000	413,350	411,400
2000	412,650	413,950	410,200	414,300	412,800
2001	414,800	412,950	410,200	409,800	411,950
2002	408,500	408,250	406,800	408,950	408,150
2003	410,450	409,150	405,850	410,450	409,000
2004	411,700	414,150	414,100	419,650	414,900
2005	421,050	425,500	427,700	430,700	426,250
2006	430,550	430,600	431,650	434,900	431,950
2007	432,600	430,000	426,700	430,400	429,950
2008	431,850	431,900	427,400	426,400	429,400
2009	418,550	416,250	413,300	414,000	415,500
2010	410,900	418,550	420,100	426,350	418,950
2011	428,550	428,400	424,050	428,150	427,300
2012	423,550	423,800	421,850	427,250	424,100
2013	426,000	429,250	427,700	433,850	429,200
2014	438,250	438,700	436,400	442,200	438,900
2015	445,250	445,650	442,600	449,200	445,700
2016	451,450	449,200	449,250	453,050	450,750
2017 2/	466,400	463,350	460,150	460,250	462,550
2018 2/	463,500	461,100	454,700	456,050	458,850
2019 2/	454,650	450,150	451,100	456,400	453,100
2020 2/	458,700	360,700	386,650	402,450	402,150
2021 2/	420,350	425,200	429,000	436,600	427,800
2022 3/	438,750	438,200	442,100	440,600	439,900
Percentage Change from the Same Period in Previous Year 1/					
1991	2.7	1.4	0.9	-0.3	1.2
1992	0.0	0.3	0.9	1.5	0.6
1993	1.1	1.4	0.4	-0.2	0.7
1994	-0.3	-1.3	-1.5	-0.3	-0.9
1995	0.0	0.3	0.3	-0.7	0.0
1996	-0.2	0.4	1.1	1.5	0.7
1997	1.1	0.8	0.5	0.3	0.7
1998	0.0	-0.3	-0.3	0.0	-0.1
1999	-0.6	0.0	0.0	0.2	-0.1
2000	0.7	0.4	0.0	0.2	0.3
2001	0.5	-0.2	0.0	-1.1	-0.2
2002	-1.5	-1.1	-0.8	-0.2	-0.9
2003	0.5	0.2	-0.2	0.4	0.2
2004	0.3	1.2	2.0	2.2	1.4
2005	2.3	2.7	3.3	2.6	2.7
2006	2.3	1.2	0.9	1.0	1.3
2007	0.5	-0.1	-1.1	-1.0	-0.5
2008	-0.2	0.4	0.2	-0.9	-0.1
2009	-3.1	-3.6	-3.3	-2.9	-3.2
2010	-1.8	0.6	1.6	3.0	0.8
2011	4.3	2.4	0.9	0.4	2.0
2012	-1.2	-1.1	-0.5	-0.2	-0.7
2013	0.6	1.3	1.4	1.5	1.2
2014	2.9	2.2	2.0	1.9	2.3
2015	1.6	1.6	1.4	1.6	1.5
2016	1.4	0.8	1.5	0.9	1.1
2017 2/	3.3	3.2	2.4	1.6	2.6
2018 2/	-0.6	-0.5	-1.2	-0.9	-0.8
2019 2/	-1.9	-2.4	-0.8	0.1	-1.3
2020 2/	0.9	-19.9	-14.3	-11.8	-11.2
2021 2/	-8.4	17.9	11.0	8.5	6.4
2022 3/	4.4	3.1	3.1	0.9	2.8

1/ Data rounded to nearest 50.
2/ 2017 through 2021 benchmarked in March 2022 and reflect revised population controls and model reestimation.
3/ 2022 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-6. CIVILIAN EMPLOYMENT - HAWAII

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	54,200	55,450	57,250	57,700	56,150
1991	58,900	59,600	61,250	60,050	59,950
1992	59,500	59,450	60,000	59,350	59,600
1993	59,950	59,500	60,450	59,950	59,950
1994	59,350	59,000	59,650	58,500	59,100
1995	58,600	58,350	58,850	59,000	58,700
1996	59,750	60,400	61,600	62,250	61,000
1997	63,400	61,600	63,250	62,900	62,800
1998	63,050	62,650	63,500	63,250	63,100
1999	64,500	63,850	65,350	65,500	64,800
2000	70,850	69,950	69,750	69,850	70,100
2001	71,750	70,850	71,800	71,750	71,550
2002	72,100	71,800	72,550	71,950	72,100
2003	72,800	72,450	73,600	74,100	73,250
2004	74,450	74,650	76,200	76,100	75,350
2005	76,800	77,300	78,650	78,600	77,850
2006	79,500	80,100	81,450	82,650	80,950
2007	82,700	81,700	81,150	80,800	81,600
2008	81,750	81,400	80,100	77,900	80,250
2009	76,500	75,700	75,950	74,900	75,750
2010	78,950	80,550	80,950	79,600	80,000
2011	81,050	80,950	81,400	79,600	80,750
2012	79,800	80,100	80,800	80,250	80,250
2013	80,650	81,150	82,050	81,300	81,300
2014	81,850	83,500	85,200	84,300	83,700
2015	84,300	85,400	86,850	86,200	85,700
2016	88,100	89,000	90,200	89,600	89,250
2017 2/	92,200	93,150	92,900	92,350	92,650
2018 2/	92,550	92,850	92,200	90,550	92,050
2019 2/	90,100	90,500	90,550	91,550	90,650
2020 2/	91,500	72,300	78,300	81,700	80,950
2021 2/	86,850	88,050	89,650	90,150	88,700
2022 3/	90,350	89,200	90,450	90,750	90,200
Percentage Change from the Same Period in Previous Year 1/					
1991	8.7	7.5	7.0	4.1	6.8
1992	1.0	-0.3	-2.0	-1.2	-0.6
1993	0.8	0.1	0.8	1.0	0.6
1994	-1.0	-0.8	-1.3	-2.4	-1.4
1995	-1.3	-1.1	-1.3	0.9	-0.7
1996	2.0	3.5	4.7	5.5	3.9
1997	6.1	2.0	2.7	1.0	3.0
1998	-0.6	1.7	0.4	0.6	0.5
1999	2.3	1.9	2.9	3.6	2.7
2000	9.8	9.6	6.7	6.6	8.2
2001	1.3	1.3	2.9	2.7	2.1
2002	0.5	1.3	1.0	0.3	0.8
2003	1.0	0.9	1.4	3.0	1.6
2004	2.3	3.0	3.5	2.7	2.9
2005	3.2	3.5	3.2	3.3	3.3
2006	3.5	3.6	3.6	5.2	4.0
2007	4.0	2.0	-0.4	-2.2	0.8
2008	-1.1	-0.4	-1.3	-3.6	-1.7
2009	-6.4	-7.0	-5.2	-3.9	-5.6
2010	3.2	6.4	6.6	6.3	5.6
2011	2.7	0.5	0.6	0.0	0.9
2012	-1.5	-1.1	-0.7	0.8	-0.6
2013	1.1	1.3	1.5	1.3	1.3
2014	1.5	2.9	3.8	3.7	3.0
2015	3.0	2.3	1.9	2.3	2.4
2016	4.5	4.2	3.9	3.9	4.1
2017 2/	4.7	4.7	3.0	3.1	3.8
2018 2/	0.4	-0.3	-0.8	-1.9	-0.6
2019 2/	-2.6	-2.5	-1.8	1.1	-1.5
2020 2/	1.6	-20.1	-13.5	-10.8	-10.7
2021 2/	-5.1	21.8	14.5	10.3	9.6
2022 3/	4.0	1.3	0.9	0.7	1.7

1/ Data rounded to nearest 50.

2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimatic

3/ 2022 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-7. CIVILIAN EMPLOYMENT - MAUI

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	52,950	54,650	56,050	55,300	54,750
1991	55,650	56,450	58,550	58,450	57,300
1992	58,750	59,500	60,750	60,050	59,750
1993	61,100	62,450	63,150	61,500	62,050
1994	61,650	61,750	63,050	62,300	62,200
1995	62,200	62,000	62,800	61,700	62,200
1996	62,450	62,950	64,650	63,950	63,500
1997	65,100	64,750	66,000	64,650	65,100
1998	65,250	66,300	67,650	66,400	66,400
1999	68,250	68,200	69,700	69,300	68,850
2000	67,950	67,900	68,300	68,250	68,100
2001	69,650	69,700	70,050	68,000	69,350
2002	68,700	68,800	69,550	67,700	68,700
2003	68,650	68,400	69,200	68,500	68,700
2004	70,750	70,800	72,150	71,050	71,200
2005	72,000	72,750	73,850	72,750	72,850
2006	73,850	74,250	76,000	75,850	75,000
2007	76,450	76,600	76,200	74,650	75,950
2008	76,150	76,450	75,350	71,450	74,850
2009	69,850	69,700	70,200	68,250	69,500
2010	72,050	73,550	74,100	73,350	73,250
2011	75,200	75,250	75,400	73,800	74,900
2012	74,900	75,150	76,000	75,450	75,350
2013	76,050	76,550	77,400	76,800	76,700
2014	78,600	79,350	80,400	80,000	79,600
2015	80,900	81,600	82,700	81,850	81,750
2016	83,700	83,750	84,650	84,350	84,100
2017 2/	87,600	87,900	88,100	87,050	87,650
2018 2/	88,000	88,550	88,900	87,350	88,200
2019 2/	87,550	86,950	87,750	87,350	87,400
2020 2/	87,450	59,350	62,350	69,300	69,600
2021 2/	76,450	80,050	82,850	83,000	80,600
2022 3/	83,650	82,700	84,750	83,800	83,750
Percentage Change from the Same Period in Previous Year 1/					
1991	5.1	3.3	4.5	5.7	4.7
1992	5.6	5.4	3.8	2.7	4.3
1993	4.0	5.0	4.0	2.4	3.8
1994	0.9	-1.1	-0.2	1.3	0.2
1995	0.9	0.4	-0.4	-1.0	0.0
1996	0.4	1.5	2.9	3.6	2.1
1997	4.2	2.9	2.1	1.1	2.5
1998	0.2	2.4	2.5	2.7	2.0
1999	4.6	2.9	3.0	4.4	3.7
2000	-0.4	-0.4	-2.0	-1.5	-1.1
2001	2.5	2.7	2.6	-0.4	1.8
2002	-1.4	-1.3	-0.7	-0.4	-0.9
2003	-0.1	-0.6	-0.5	1.2	0.0
2004	3.1	3.5	4.3	3.7	3.6
2005	1.8	2.8	2.4	2.4	2.3
2006	2.6	2.1	2.9	4.3	3.0
2007	3.5	3.2	0.3	-1.6	1.3
2008	-0.4	-0.2	-1.1	-4.3	-1.4
2009	-8.3	-8.8	-6.8	-4.5	-7.1
2010	3.1	5.5	5.6	7.5	5.4
2011	4.4	2.3	1.8	0.6	2.3
2012	-0.4	-0.1	0.8	2.2	0.6
2013	1.5	1.9	1.8	1.8	1.8
2014	3.4	3.7	3.9	4.2	3.8
2015	2.9	2.8	2.9	2.3	2.7
2016	3.5	2.6	2.4	3.1	2.9
2017 2/	4.7	5.0	4.1	3.2	4.2
2018 2/	0.5	0.7	0.9	0.3	0.6
2019 2/	-0.5	-1.8	-1.3	0.0	-0.9
2020 2/	-0.1	-31.7	-28.9	-20.7	-20.4
2021 2/	-12.6	34.9	32.9	19.8	15.8
2022 3/	9.4	3.3	2.3	1.0	3.9

1/ Data rounded to nearest 50.
2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestim
3/ 2022 data are preliminary. Q3 revised from previous *QSER*.

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-8. CIVILIAN EMPLOYMENT - KAUAI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	24,900	24,750	25,050	25,750	25,100
1991	26,500	26,950	27,550	26,900	27,000
1992	27,000	26,950	27,000	23,850	26,200
1993	23,850	24,400	24,950	25,000	24,550
1994	24,550	24,650	25,250	25,250	24,950
1995	25,400	25,300	26,000	25,650	25,600
1996	25,500	25,450	26,000	25,650	25,650
1997	25,450	25,850	26,250	25,750	25,800
1998	25,950	26,250	26,700	26,350	26,300
1999	26,950	27,100	27,650	27,450	27,300
2000	28,950	28,950	28,750	28,350	28,750
2001	28,550	28,600	28,800	28,250	28,550
2002	28,100	28,600	29,300	28,850	28,700
2003	29,150	29,200	29,800	29,650	29,450
2004	29,650	30,200	30,700	30,150	30,150
2005	30,500	30,600	31,700	30,950	30,950
2006	31,000	31,250	31,850	32,000	31,550
2007	31,650	31,650	32,050	31,550	31,700
2008	31,700	31,550	31,650	30,150	31,250
2009	29,000	28,900	29,350	28,850	29,050
2010	31,200	32,050	32,600	32,050	32,000
2011	32,550	32,750	33,050	31,850	32,550
2012	32,150	32,050	32,700	32,250	32,300
2013	32,450	32,850	33,250	32,650	32,800
2014	33,300	33,900	34,100	33,550	33,700
2015	34,100	34,550	34,900	34,350	34,500
2016	35,050	35,450	36,000	35,400	35,450
2017 2/	36,650	37,250	37,500	36,650	37,000
2018 2/	37,000	36,500	36,800	36,150	36,600
2019 2/	36,350	36,750	37,200	36,800	36,750
2020 2/	36,800	26,100	28,350	29,950	30,300
2021 2/	30,450	32,950	34,550	34,600	33,150
2022 3/	34,750	34,600	35,350	35,500	35,050
Percentage Change from the Same Period in Previous Year 1/					
1991	6.4	8.9	10.0	4.5	7.6
1992	1.9	0.0	-2.0	-11.3	-3.0
1993	-11.7	-9.5	-7.6	4.8	-6.3
1994	2.9	1.0	1.2	1.0	1.6
1995	3.5	2.6	3.0	1.6	2.6
1996	0.4	0.6	0.0	0.0	0.2
1997	-0.2	1.6	1.0	0.4	0.6
1998	2.0	1.5	1.7	2.3	1.9
1999	3.9	3.2	3.6	4.2	3.8
2000	7.4	6.8	4.0	3.3	5.3
2001	-1.4	-1.2	0.2	-0.4	-0.7
2002	-1.6	0.0	1.7	2.1	0.5
2003	3.7	2.1	1.7	2.8	2.6
2004	1.7	3.4	3.0	1.7	2.4
2005	2.9	1.3	3.3	2.7	2.7
2006	1.6	2.1	0.5	3.4	1.9
2007	2.1	1.3	0.6	-1.4	0.5
2008	0.2	-0.3	-1.2	-4.4	-1.4
2009	-8.5	-8.4	-7.3	-4.3	-7.0
2010	7.6	10.9	11.1	11.1	10.2
2011	4.3	2.2	1.4	-0.6	1.7
2012	-1.2	-2.1	-1.1	1.3	-0.8
2013	0.9	2.5	1.7	1.2	1.5
2014	2.6	3.2	2.6	2.8	2.7
2015	2.4	1.9	2.3	2.4	2.4
2016	2.8	2.6	3.2	3.1	2.8
2017 2/	4.6	5.1	4.2	3.5	4.4
2018 2/	1.0	-2.0	-1.9	-1.4	-1.1
2019 2/	-1.8	0.7	1.1	1.8	0.4
2020 2/	1.2	-29.0	-23.8	-18.6	-17.6
2021 2/	-17.3	26.2	21.9	15.5	9.4
2022 3/	14.1	5.0	2.3	2.6	5.7

NA Not available.
1/ Data rounded to nearest 50.
2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimatio
3/ 2022 data are preliminary. Q3 revised from previous *QSER*.

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-9. CIVILIAN UNEMPLOYMENT - HONOLULU

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	8,450	9,200	8,700	7,900	8,550
1991	8,550	8,650	8,450	8,400	8,500
1992	10,300	11,600	12,150	11,450	11,350
1993	12,800	13,250	13,400	13,750	13,300
1994	16,550	17,200	17,900	15,550	16,800
1995	16,050	18,850	19,900	18,500	18,350
1996	20,650	21,700	21,500	20,850	21,200
1997	21,200	21,550	22,200	20,200	21,300
1998	20,700	21,350	23,000	21,700	21,700
1999	20,650	20,650	19,650	18,000	19,700
2000	18,400	18,450	17,800	16,200	17,700
2001	16,650	17,750	17,000	20,100	17,900
2002	18,300	17,300	16,200	14,800	16,650
2003	14,950	16,800	16,950	15,600	16,050
2004	14,800	14,050	13,250	12,750	13,700
2005	12,300	12,300	12,100	11,500	12,050
2006	10,950	12,400	11,000	9,200	10,900
2007	10,550	11,550	11,750	11,850	11,400
2008	12,400	15,450	17,450	18,550	15,950
2009	23,200	25,400	25,550	25,000	24,800
2010	26,100	25,750	26,600	26,150	26,150
2011	26,100	26,600	28,150	27,000	26,950
2012	26,150	25,350	23,300	20,800	23,900
2013	19,950	19,450	19,450	19,200	19,500
2014	18,950	18,750	18,350	16,700	18,200
2015	16,150	15,900	14,450	13,200	14,950
2016	12,850	13,450	12,700	11,450	12,650
2017 2/	11,550	10,900	9,550	8,250	10,050
2018 2/	9,950	10,850	10,900	10,900	10,650
2019 2/	12,150	11,650	10,750	8,700	10,800
2020 2/	9,250	76,600	58,650	44,650	47,300
2021 2/	27,500	24,400	23,350	20,350	23,900
2022 3/	15,900	16,100	15,650	16,200	15,950
Percentage Change from the Same Period in Previous Year 1/					
1991	1.2	-6.0	-2.9	6.3	-0.6
1992	20.5	34.1	43.8	36.3	33.5
1993	24.3	14.2	10.3	20.1	17.2
1994	29.3	29.8	33.6	13.1	26.3
1995	-3.0	9.6	11.2	19.0	9.2
1996	28.7	15.1	8.0	12.7	15.5
1997	2.7	-0.7	3.3	-3.1	0.5
1998	-2.4	-0.9	3.6	7.4	1.9
1999	-0.2	-3.3	-14.6	-17.1	-9.2
2000	-10.9	-10.7	-9.4	-10.0	-10.2
2001	-9.5	-3.8	-4.5	24.1	1.1
2002	9.9	-2.5	-4.7	-26.4	-7.0
2003	-18.3	-2.9	4.6	5.4	-3.6
2004	-1.0	-16.4	-21.8	-18.3	-14.6
2005	-16.9	-12.5	-8.7	-9.8	-12.0
2006	-11.0	0.8	-9.1	-20.0	-9.5
2007	-3.7	-6.9	6.8	28.8	4.6
2008	17.5	33.8	48.5	56.5	39.9
2009	87.1	64.4	46.4	34.8	55.5
2010	12.5	1.4	4.1	4.6	5.4
2011	0.0	3.3	5.8	3.3	3.1
2012	0.2	-4.7	-17.2	-23.0	-11.3
2013	-23.7	-23.3	-16.5	-7.7	-18.4
2014	-5.0	-3.6	-5.7	-13.0	-6.7
2015	-14.8	-15.2	-21.3	-21.0	-17.9
2016	-20.4	-15.4	-12.1	-13.3	-15.4
2017 2/	-10.1	-19.0	-24.8	-27.9	-20.6
2018 2/	-13.9	-0.5	14.1	32.1	6.0
2019 2/	22.1	7.4	-1.4	-20.2	1.4
2020 2/	-23.9	557.5	445.6	413.2	338.0
2021 2/	197.3	-68.1	-60.2	-54.4	-49.5
2022 3/	-42.2	-34.0	-33.0	-20.4	-33.3

1/ Data rounded to nearest 50.
2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestim
3/ 2022 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-10. CIVILIAN UNEMPLOYMENT - HAWAII

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	2,250	2,750	2,150	1,650	2,200
1991	2,350	3,050	3,100	2,850	2,850
1992	3,950	5,400	5,550	4,000	4,700
1993	4,800	5,550	4,950	4,450	4,950
1994	5,400	6,100	6,850	6,000	6,100
1995	5,750	6,600	7,000	5,600	6,250
1996	5,950	6,600	6,600	5,750	6,200
1997	6,150	7,200	7,250	5,750	6,550
1998	5,900	6,750	6,750	5,550	6,250
1999	5,550	6,350	6,300	4,650	5,700
2000	3,700	4,000	3,900	3,250	3,700
2001	3,600	4,100	3,650	3,850	3,800
2002	3,500	3,800	3,500	3,000	3,450
2003	3,300	4,050	3,700	3,300	3,600
2004	3,200	3,350	3,100	2,750	3,100
2005	2,750	2,850	2,900	2,500	2,750
2006	2,500	2,950	2,550	2,100	2,500
2007	2,600	3,000	3,150	3,100	2,950
2008	3,500	4,400	5,250	5,900	4,750
2009	7,400	8,150	8,350	8,050	8,000
2010	8,350	8,700	8,800	8,300	8,550
2011	8,550	9,250	9,000	8,150	8,750
2012	7,750	7,550	7,000	5,950	7,050
2013	5,750	5,850	5,550	5,100	5,550
2014	4,950	5,000	4,750	4,000	4,700
2015	4,000	4,000	3,700	3,250	3,750
2016	3,250	3,600	3,400	2,800	3,250
2017 2/	2,800	2,750	2,350	1,950	2,450
2018 2/	2,250	2,650	2,900	2,900	2,700
2019 2/	3,200	3,150	2,950	2,400	2,950
2020 2/	2,450	17,550	13,000	9,750	10,700
2021 2/	5,950	5,350	5,100	4,250	5,150
2022 3/	3,400	3,550	3,500	3,600	3,500
Percentage Change from the Same Period in Previous Year 1/					
1991	4.4	10.9	44.2	72.7	29.5
1992	68.1	77.0	79.0	40.4	64.9
1993	21.5	2.8	-10.8	11.3	5.3
1994	12.5	9.9	38.4	34.8	23.2
1995	6.5	8.2	2.2	-6.7	2.5
1996	3.5	0.0	-5.7	2.7	-0.8
1997	3.4	9.1	9.8	0.0	5.6
1998	-4.1	-6.3	-6.9	-3.5	-4.6
1999	-5.9	-5.9	-6.7	-16.2	-8.8
2000	-33.3	-37.0	-38.1	-30.1	-35.1
2001	-2.7	2.5	-6.4	18.5	2.7
2002	-2.8	-7.3	-4.1	-22.1	-9.2
2003	-5.7	6.6	5.7	10.0	4.3
2004	-3.0	-17.3	-16.2	-16.7	-13.9
2005	-14.1	-14.9	-6.5	-9.1	-11.3
2006	-9.1	3.5	-12.1	-16.0	-9.1
2007	4.0	1.7	23.5	47.6	18.0
2008	34.6	46.7	66.7	90.3	61.0
2009	111.4	85.2	59.0	36.4	68.4
2010	12.8	6.7	5.4	3.1	6.9
2011	2.4	6.3	2.3	-1.8	2.3
2012	-9.4	-18.4	-22.2	-27.0	-19.4
2013	-25.8	-22.5	-20.7	-14.3	-21.3
2014	-13.9	-14.5	-14.4	-21.6	-15.3
2015	-19.2	-20.0	-22.1	-18.8	-20.2
2016	-18.8	-10.0	-8.1	-13.8	-13.3
2017 2/	-13.8	-23.6	-30.9	-30.4	-24.6
2018 2/	-19.6	-3.6	23.4	48.7	10.2
2019 2/	42.2	18.9	1.7	-17.2	9.3
2020 2/	-23.4	457.1	340.7	306.3	262.7
2021 2/	142.9	-69.5	-60.8	-56.4	-51.9
2022 3/	-42.9	-33.6	-31.4	-15.3	-32.0

1/ Data rounded to nearest 50.
2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimat
3/ 2022 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-11. CIVILIAN UNEMPLOYMENT - MAUI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	2,400	2,850	2,700	2,350	2,550
1991	2,700	3,200	3,600	3,600	3,300
1992	4,400	5,300	5,650	5,050	5,100
1993	3,900	3,500	3,450	3,200	3,500
1994	3,900	3,850	4,000	3,700	3,850
1995	4,250	4,800	4,850	4,500	4,600
1996	4,800	4,600	4,550	4,650	4,650
1997	4,950	5,250	4,850	4,350	4,850
1998	4,650	4,600	4,650	4,100	4,500
1999	4,200	3,950	3,850	3,400	3,850
2000	3,000	2,950	2,800	2,400	2,800
2001	2,700	2,850	2,700	3,550	2,950
2002	3,050	2,850	2,700	2,450	2,750
2003	2,500	2,750	2,850	2,600	2,700
2004	2,450	2,450	2,200	2,050	2,300
2005	2,000	1,950	2,050	1,950	2,000
2006	1,900	2,100	1,900	1,550	1,850
2007	1,750	1,900	2,600	2,750	2,250
2008	2,650	3,100	3,800	4,700	3,550
2009	6,000	6,550	6,750	6,650	6,500
2010	6,800	6,650	6,650	6,550	6,650
2011	6,600	6,500	6,550	6,050	6,400
2012	5,650	5,300	4,900	4,250	5,050
2013	4,150	4,000	4,050	3,900	4,050
2014	3,950	3,750	3,600	3,150	3,600
2015	3,300	3,100	2,850	2,650	2,950
2016	2,650	2,700	2,600	2,300	2,550
2017 2/	2,500	2,350	1,950	1,650	2,100
2018 2/	1,950	2,100	2,150	2,150	2,100
2019 2/	2,450	2,250	2,050	1,750	2,100
2020 2/	1,850	25,850	20,250	14,100	15,500
2021 2/	7,750	6,750	5,950	5,050	6,400
2022 3/	4,050	3,800	3,450	3,450	3,700
Percentage Change from the Same Period in Previous Year 1/					
1991	12.5	12.3	33.3	53.2	29.4
1992	63.0	65.6	56.9	40.3	54.5
1993	-11.4	-34.0	-38.9	-36.6	-31.4
1994	0.0	10.0	15.9	15.6	10.0
1995	9.0	24.7	21.3	21.6	19.5
1996	12.9	-4.2	-6.2	3.3	1.1
1997	3.1	14.1	6.6	-6.5	4.3
1998	-6.1	-12.4	-4.1	-5.7	-7.2
1999	-9.7	-14.1	-17.2	-17.1	-14.4
2000	-28.6	-25.3	-27.3	-29.4	-27.3
2001	-10.0	-3.4	-3.6	47.9	5.4
2002	13.0	0.0	0.0	-31.0	-6.8
2003	-18.0	-3.5	5.6	6.1	-1.8
2004	-2.0	-10.9	-22.8	-21.2	-14.8
2005	-18.4	-20.4	-6.8	-4.9	-13.0
2006	-5.0	7.7	-7.3	-20.5	-7.5
2007	-7.9	-9.5	36.8	77.4	21.6
2008	51.4	63.2	46.2	70.9	57.8
2009	126.4	111.3	77.6	41.5	83.1
2010	13.3	1.5	-1.5	-1.5	2.3
2011	-2.9	-2.3	-1.5	-7.6	-3.8
2012	-14.4	-18.5	-25.2	-29.8	-21.1
2013	-26.5	-24.5	-17.3	-8.2	-19.8
2014	-4.8	-6.3	-11.1	-19.2	-11.1
2015	-16.5	-17.3	-20.8	-15.9	-18.1
2016	-19.7	-12.9	-8.8	-13.2	-13.6
2017 2/	-5.7	-13.0	-25.0	-28.3	-17.6
2018 2/	-22.0	-10.6	10.3	30.3	0.0
2019 2/	25.6	7.1	-4.7	-18.6	0.0
2020 2/	-24.5	1,048.9	887.8	705.7	638.1
2021 2/	318.9	-73.9	-70.6	-64.2	-58.7
2022 3/	-47.7	-43.7	-42.0	-31.7	-42.2

NA Not available.
1/ Data rounded to nearest 50.
2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimat
3/ 2022 data are preliminary. Q3 revised from previous *QSER*.

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-12. CIVILIAN UNEMPLOYMENT - KAUAI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Number of Persons 1/					
1990	1,150	1,150	1,000	800	1,000
1991	1,050	1,200	1,200	1,250	1,150
1992	1,700	2,100	1,850	5,300	2,750
1993	4,550	3,750	3,300	3,050	3,650
1994	3,850	3,650	3,450	3,150	3,550
1995	3,050	3,200	3,050	3,050	3,100
1996	3,450	3,350	3,100	3,350	3,300
1997	3,350	3,050	2,950	2,800	3,050
1998	2,900	2,700	2,650	2,500	2,700
1999	2,350	2,100	2,000	2,000	2,100
2000	1,550	1,450	1,500	1,350	1,450
2001	1,550	1,650	1,400	1,600	1,550
2002	1,500	1,400	1,200	1,150	1,300
2003	1,200	1,300	1,250	1,100	1,250
2004	1,100	1,100	1,050	1,000	1,050
2005	950	900	900	850	900
2006	850	900	850	650	800
2007	800	850	900	1,000	850
2008	1,050	1,250	1,500	2,150	1,500
2009	2,950	3,050	2,900	2,750	2,900
2010	2,950	3,000	3,050	3,000	3,000
2011	3,050	3,150	3,150	2,850	3,050
2012	2,750	2,650	2,400	2,050	2,450
2013	1,950	1,850	1,800	1,800	1,850
2014	1,750	1,700	1,650	1,400	1,650
2015	1,450	1,450	1,300	1,200	1,350
2016	1,200	1,200	1,100	1,000	1,100
2017 2/	1,000	950	750	600	800
2018 2/	750	900	1,000	950	900
2019 2/	1,050	950	900	800	900
2020 2/	850	10,300	7,600	5,350	6,000
2021 2/	3,400	3,000	2,600	2,200	2,800
2022 3/	1,800	1,650	1,550	1,500	1,600
Percentage Change from the Same Period in Previous Year 1/					
1991	-8.7	4.3	20.0	56.3	15.0
1992	61.9	75.0	54.2	324.0	139.1
1993	167.6	78.6	78.4	-42.5	32.7
1994	-15.4	-2.7	4.5	3.3	-2.7
1995	-20.8	-12.3	-11.6	-3.2	-12.7
1996	13.1	4.7	1.6	9.8	6.5
1997	-2.9	-9.0	-4.8	-16.4	-7.6
1998	-13.4	-11.5	-10.2	-10.7	-11.5
1999	-19.0	-22.2	-24.5	-20.0	-22.2
2000	-34.0	-31.0	-25.0	-32.5	-31.0
2001	0.0	13.8	-6.7	18.5	6.9
2002	-3.2	-15.2	-14.3	-28.1	-16.1
2003	-20.0	-7.1	4.2	-4.3	-3.8
2004	-8.3	-15.4	-16.0	-9.1	-16.0
2005	-13.6	-18.2	-14.3	-15.0	-14.3
2006	-10.5	0.0	-5.6	-23.5	-11.1
2007	-5.9	-5.6	5.9	53.8	6.3
2008	31.3	47.1	66.7	115.0	76.5
2009	181.0	144.0	93.3	27.9	93.3
2010	0.0	-1.6	5.2	9.1	3.4
2011	3.4	5.0	3.3	-5.0	1.7
2012	-9.8	-15.9	-23.8	-28.1	-19.7
2013	-29.1	-30.2	-25.0	-12.2	-24.5
2014	-10.3	-8.1	-8.3	-22.2	-10.8
2015	-17.1	-14.7	-21.2	-14.3	-18.2
2016	-17.2	-17.2	-15.4	-16.7	-18.5
2017 2/	-16.7	-20.8	-31.8	-40.0	-27.3
2018 2/	-25.0	-5.3	33.3	58.3	12.5
2019 2/	40.0	5.6	-10.0	-15.8	0.0
2020 2/	-19.0	984.2	744.4	568.8	566.7
2021 2/	300.0	-70.9	-65.8	-58.9	-53.3
2022 3/	-47.1	-45.0	-40.4	-31.8	-42.9

1/ Data rounded to nearest 50.
2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimat
3/ 2022 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-13. CIVILIAN UNEMPLOYMENT RATE - HONOLULU

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Percent 1/					
1990	2.1	2.3	2.1	1.9	2.1
1991	2.1	2.1	2.1	2.0	2.1
1992	2.5	2.8	2.9	2.7	2.7
1993	3.0	3.1	3.2	3.3	3.1
1994	3.9	4.1	4.3	3.7	4.0
1995	3.8	4.4	4.7	4.4	4.3
1996	4.8	5.0	5.0	4.8	4.9
1997	4.9	5.0	5.1	4.6	4.9
1998	4.8	4.9	5.3	5.0	5.0
1999	4.8	4.8	4.6	4.2	4.6
2000	4.3	4.3	4.2	3.8	4.1
2001	3.8	4.1	4.0	4.7	4.2
2002	4.3	4.1	3.8	3.5	3.9
2003	3.5	3.9	4.0	3.7	3.8
2004	3.5	3.3	3.1	3.0	3.2
2005	2.9	2.8	2.8	2.6	2.7
2006	2.5	2.8	2.5	2.0	2.5
2007	2.4	2.6	2.7	2.7	2.6
2008	2.8	3.5	3.9	4.2	3.6
2009	5.3	5.8	5.8	5.7	5.6
2010	6.0	5.8	5.9	5.8	5.9
2011	5.7	5.9	6.2	5.9	5.9
2012	5.8	5.6	5.2	4.6	5.3
2013	4.5	4.3	4.3	4.2	4.3
2014	4.1	4.1	4.0	3.7	4.0
2015	3.5	3.4	3.2	2.8	3.2
2016	2.8	2.9	2.8	2.5	2.7
2017 2/	2.4	2.3	2.0	1.8	2.1
2018 2/	2.1	2.3	2.3	2.3	2.3
2019 2/	2.6	2.5	2.3	1.9	2.3
2020 2/	2.0	17.5	13.2	10.0	10.5
2021 2/	6.1	5.4	5.1	4.4	5.3
2022 3/	3.5	3.5	3.4	3.5	3.5

1/ Data rounded to nearest 0.1.

2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimatio

3/ 2022 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-14. CIVILIAN UNEMPLOYMENT RATE - HAWAII

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Percent 1/					
1990	4.0	4.7	3.6	2.8	3.8
1991	3.9	4.9	4.8	4.5	4.5
1992	6.2	8.3	8.4	6.3	7.3
1993	7.4	8.5	7.5	6.9	7.6
1994	8.4	9.3	10.3	9.3	9.3
1995	8.9	10.1	10.7	8.7	9.6
1996	9.0	9.8	9.7	8.5	9.3
1997	8.8	10.4	10.2	8.4	9.5
1998	8.5	9.7	9.6	8.1	9.0
1999	7.9	9.0	8.8	6.6	8.1
2000	5.0	5.4	5.3	4.4	5.0
2001	4.8	5.5	4.8	5.1	5.1
2002	4.6	5.0	4.6	4.0	4.6
2003	4.3	5.3	4.8	4.3	4.7
2004	4.1	4.3	3.9	3.5	3.9
2005	3.5	3.5	3.5	3.1	3.4
2006	3.0	3.5	3.0	2.4	3.0
2007	3.0	3.5	3.7	3.7	3.5
2008	4.1	5.1	6.2	7.0	5.6
2009	8.8	9.7	9.9	9.7	9.5
2010	9.6	9.7	9.8	9.5	9.6
2011	9.5	10.2	10.0	9.3	9.8
2012	8.9	8.6	8.0	6.9	8.1
2013	6.7	6.7	6.4	5.9	6.4
2014	5.7	5.7	5.3	4.6	5.3
2015	4.5	4.5	4.1	3.6	4.2
2016	3.6	3.9	3.6	3.0	3.5
2017 2/	2.9	2.9	2.5	2.0	2.6
2018 2/	2.4	2.8	3.1	3.1	2.8
2019 2/	3.4	3.3	3.1	2.5	3.1
2020 2/	2.6	19.6	14.3	10.7	11.7
2021 2/	6.4	5.8	5.4	4.5	5.5
2022 3/	3.6	3.8	3.7	3.8	3.7

1/ Data rounded to nearest 0.1.

2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimatio

3/ 2022 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-15. CIVILIAN UNEMPLOYMENT RATE - MAUI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Percent 1/					
1990	4.3	4.9	4.6	4.1	4.5
1991	4.6	5.3	5.8	5.8	5.4
1992	7.0	8.1	8.5	7.8	7.9
1993	6.0	5.3	5.2	5.0	5.4
1994	6.0	5.9	6.0	5.6	5.9
1995	6.4	7.1	7.2	6.8	6.9
1996	7.1	6.8	6.6	6.8	6.8
1997	7.1	7.5	6.8	6.3	6.9
1998	6.6	6.5	6.4	5.8	6.3
1999	5.8	5.5	5.2	4.7	5.3
2000	4.2	4.1	3.9	3.5	3.9
2001	3.7	4.0	3.7	5.0	4.1
2002	4.3	3.9	3.7	3.5	3.9
2003	3.5	3.9	4.0	3.7	3.8
2004	3.4	3.3	3.0	2.9	3.1
2005	2.6	2.6	2.7	2.7	2.7
2006	2.5	2.8	2.4	2.0	2.4
2007	2.2	2.4	3.3	3.6	2.9
2008	3.4	3.8	4.8	6.2	4.5
2009	7.9	8.6	8.8	8.9	8.5
2010	8.6	8.3	8.2	8.2	8.3
2011	8.1	8.0	8.0	7.6	7.9
2012	7.0	6.6	6.1	5.4	6.3
2013	5.2	5.0	5.0	4.8	5.0
2014	4.8	4.5	4.2	3.8	4.3
2015	3.9	3.7	3.3	3.1	3.5
2016	3.1	3.1	3.0	2.7	3.0
2017 2/	2.7	2.6	2.2	1.8	2.3
2018 2/	2.2	2.3	2.3	2.4	2.3
2019 2/	2.7	2.5	2.3	1.9	2.4
2020 2/	2.1	30.3	24.5	17.0	18.2
2021 2/	9.2	7.8	6.7	5.7	7.3
2022 3/	4.6	4.4	3.9	4.0	4.2

1/ Data rounded to nearest 0.1.

2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestin

3/ 2022 data are preliminary.

Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-16. CIVILIAN UNEMPLOYMENT RATE - KAUAI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
Not Seasonally Adjusted Data. Percent 1/					
1990	4.3	4.4	3.8	2.9	3.8
1991	3.8	4.2	4.2	4.3	4.1
1992	6.0	7.1	6.4	18.2	9.5
1993	16.0	13.3	11.6	10.8	13.0
1994	13.6	12.9	12.0	11.1	12.4
1995	10.8	11.2	10.5	10.6	10.8
1996	12.0	11.6	10.6	11.5	11.4
1997	11.6	10.6	10.2	9.7	10.5
1998	10.0	9.4	9.1	8.6	9.3
1999	8.0	7.1	6.7	6.8	7.1
2000	5.0	4.8	4.9	4.6	4.8
2001	5.2	5.4	4.7	5.3	5.1
2002	5.0	4.6	4.0	3.8	4.4
2003	4.0	4.4	4.0	3.7	4.0
2004	3.6	3.5	3.3	3.3	3.4
2005	3.0	2.9	2.7	2.6	2.8
2006	2.6	2.8	2.6	2.0	2.5
2007	2.4	2.5	2.7	3.0	2.7
2008	3.1	3.8	4.5	6.7	4.5
2009	9.2	9.6	9.0	8.7	9.1
2010	8.6	8.5	8.5	8.5	8.5
2011	8.6	8.8	8.7	8.2	8.6
2012	7.9	7.6	6.8	5.9	7.1
2013	5.7	5.4	5.2	5.2	5.4
2014	5.1	4.7	4.6	4.1	4.6
2015	4.1	4.0	3.6	3.4	3.8
2016	3.2	3.3	3.0	2.7	3.1
2017 2/	2.6	2.5	1.9	1.7	2.2
2018 2/	2.0	2.4	2.7	2.5	2.4
2019 2/	2.8	2.5	2.3	2.1	2.4
2020 2/	2.2	28.3	21.1	15.2	16.6
2021 2/	10.1	8.4	6.9	5.9	7.8
2022 3/	4.9	4.6	4.2	4.1	4.4

1/ Data rounded to nearest 0.1.
2/ 2017-2021 benchmarked by DBEDT in March 2022 and reflect revised population controls and model reestimatio
3/ 2022 data are preliminary.
Source: Hawaii State Department of Business, Economic Development & Tourism monthly and annual data <http://dbedt.hawaii.gov/economic/unemployment-statistics/>. Quarterly and Year-to-date averages computed by the Hawaii State Department of Business, Economic Development & Tourism.

Table G-17. TOTAL VISITOR ARRIVALS - BY AIR - HONOLULU

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	1,226,876	1,271,164	1,419,074	1,222,445	5,139,558
1991	1,066,026	1,201,355	1,385,132	1,178,514	4,831,027
1992	1,219,279	1,178,494	1,294,839	1,171,547	4,864,160
1993	1,112,987	1,075,498	1,197,344	1,086,406	4,472,235
1994	1,144,605	1,082,964	1,252,819	1,149,348	4,629,736
1995	1,146,651	1,134,936	1,337,862	1,198,103	4,817,552
1996	1,254,386	1,183,109	1,294,824	1,171,564	4,903,884
1997	1,216,121	1,168,177	1,311,920	1,179,393	4,875,612
1998	1,164,296	1,106,123	1,228,886	1,102,528	4,601,834
1999	1,124,163	1,079,928	1,247,136	1,108,914	4,560,142
2000	1,159,481	1,175,584	1,245,101	1,139,077	4,719,244
2001	1,164,637	1,130,135	1,127,257	835,507	4,257,536
2002	1,014,810	1,066,057	1,124,762	1,070,448	4,276,077
2003	1,007,335	922,689	1,104,740	1,055,719	4,090,483
2004	1,042,404	1,091,502	1,209,260	1,121,386	4,464,551
2005	1,146,033	1,134,157	1,293,252	1,158,400	4,731,843
2006	1,134,879	1,137,474	1,249,862	1,165,901	4,688,117
2007	1,122,303	1,156,616	1,277,903	1,137,928	4,694,750
2008	1,121,255	1,041,102	1,064,860	966,468	4,193,685
2009	958,708	985,239	1,101,897	979,044	4,024,888
2010	987,992	1,044,298	1,173,949	1,067,419	4,273,658
2011	1,063,304	1,045,709	1,176,989	1,115,622	4,401,624
2012	1,161,943	1,195,561	1,313,560	1,232,981	4,904,045
2013	1,216,477	1,246,384	1,359,753	1,221,662	5,044,276
2014	1,247,343	1,273,082	1,391,467	1,280,728	5,192,621
2015	1,265,062	1,333,464	1,416,826	1,324,561	5,339,912
2016	1,297,894	1,352,267	1,442,364	1,354,705	5,447,229
2017	1,337,410	1,414,761	1,525,919	1,405,254	5,683,344
2018	1,414,998	1,463,697	1,550,152	1,433,511	5,862,358
2019	1,467,031	1,558,205	1,632,644	1,496,368	6,154,248
2020	1,211,308	23,996	45,250	225,762	1,506,316
2021	391,213	928,728	1,068,138	938,544	3,326,622
2022 2/	990,208	1,270,145	1,334,072	1,270,275	4,864,701
Percentage Change from the Same Period in Previous Year					
1991	-13.1	-5.5	-2.4	-3.6	-6.0
1992	14.4	-1.9	-6.5	-0.6	0.7
1993	-8.7	-8.7	-7.5	-7.3	-8.1
1994	2.8	0.7	4.6	5.8	3.5
1995	0.2	4.8	6.8	4.2	4.1
1996	9.4	4.2	-3.2	-2.2	1.8
1997	-3.1	-1.3	1.3	0.7	-0.6
1998	-4.3	-5.3	-6.3	-6.5	-5.6
1999	-3.4	-2.4	1.5	0.6	-0.9
2000	3.1	8.9	-0.2	2.7	3.5
2001	0.4	-3.9	-9.5	-26.7	-9.8
2002	-12.9	-5.7	-0.2	28.1	0.4
2003	-0.7	-13.4	-1.8	-1.4	-4.3
2004	3.5	18.3	9.5	6.2	9.1
2005	9.9	3.9	6.9	3.3	6.0
2006	-1.0	0.3	-3.4	0.6	-0.9
2007	-1.1	1.7	2.2	-2.4	0.1
2008	-0.1	-10.0	-16.7	-15.1	-10.7
2009	-14.5	-5.4	3.5	1.3	-4.0
2010	3.1	6.0	6.5	9.0	6.2
2011	7.6	0.1	0.3	4.5	3.0
2012	9.3	14.3	11.6	10.5	11.4
2013	4.7	4.3	3.5	-0.9	2.9
2014	2.5	2.1	2.3	4.8	2.9
2015	1.4	4.7	1.8	3.4	2.8
2016	2.6	1.4	1.8	2.3	2.0
2017	3.0	4.6	5.8	3.7	4.3
2018	5.8	3.5	1.6	2.0	3.1
2019	3.7	6.5	5.3	4.4	5.0
2020	-17.4	-98.5	-97.2	-84.9	-75.5
2021	-67.7	3,770.4	2,260.5	315.7	120.8
2022 2/	153.1	36.8	24.9	35.3	46.2

1/ Staying overnight or longer.
2/ 2022 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 G-18. TOTAL VISITOR ARRIVALS - BY AIR - HAWAII

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	293,335	276,140	283,323	274,576	1,127,373
1991	276,910	280,613	289,710	263,802	1,111,035
1992	263,254	273,421	274,340	328,963	1,139,978
1993	309,166	267,232	279,656	261,602	1,117,656
1994	291,324	265,379	254,870	267,963	1,079,535
1995	283,288	258,093	274,343	265,323	1,081,047
1996	271,344	284,351	310,013	297,991	1,163,700
1997	328,563	278,618	305,672	292,228	1,205,081
1998	356,689	318,447	337,189	328,443	1,340,767
1999	337,770	312,012	328,358	329,580	1,307,720
2000	322,308	322,255	326,054	297,347	1,267,965
2001	320,964	304,421	305,462	250,703	1,181,551
2002	311,883	295,320	318,204	317,906	1,243,313
2003	312,964	284,664	315,793	293,743	1,207,164
2004	308,940	305,890	335,106	331,222	1,281,156
2005	379,738	350,378	402,813	388,608	1,521,537
2006	398,089	375,082	436,028	405,209	1,614,408
2007	419,729	396,598	424,572	381,460	1,622,359
2008	395,220	316,926	312,509	296,623	1,321,276
2009	310,977	304,490	311,374	288,416	1,215,256
2010	314,828	312,071	336,566	317,766	1,281,232
2011	350,531	310,968	337,200	319,611	1,318,310
2012	376,900	335,441	358,983	361,958	1,433,282
2013	391,989	347,536	365,077	330,642	1,435,245
2014	380,554	342,114	368,636	363,381	1,454,684
2015	393,789	372,757	380,349	368,078	1,514,973
2016	394,360	373,167	392,351	390,064	1,549,943
2017	438,682	431,590	449,140	447,732	1,767,144
2018	491,630	433,278	387,811	393,499	1,706,218
2019	446,877	433,485	443,582	439,961	1,763,904
2020	391,434	4,606	10,933	86,844	493,817
2021	163,520	321,550	349,643	348,745	1,183,458
2022 2/	375,031	437,699	435,036	426,442	1,674,208
Percentage Change from the Same Period in Previous Year					
1991	-5.6	1.6	2.3	-3.9	-1.4
1992	-4.9	-2.6	-5.3	24.7	2.6
1993	17.4	-2.3	1.9	-20.5	-2.0
1994	-5.8	-0.7	-8.9	2.4	-3.4
1995	-2.8	-2.7	7.6	-1.0	0.1
1996	-4.2	10.2	13.0	12.3	7.6
1997	21.1	-2.0	-1.4	-1.9	3.6
1998	8.6	14.3	10.3	12.4	11.3
1999	-5.3	-2.0	-2.6	0.3	-2.5
2000	-4.6	3.3	-0.7	-9.8	-3.0
2001	-0.4	-5.5	-6.3	-15.7	-6.8
2002	-2.8	-3.0	4.2	26.8	5.2
2003	0.3	-3.6	-0.8	-7.6	-2.9
2004	-1.3	7.5	6.1	12.8	6.1
2005	22.9	14.5	20.2	17.3	18.8
2006	4.8	7.1	8.2	4.3	6.1
2007	5.4	5.7	-2.6	-5.9	0.5
2008	-5.8	-20.1	-26.4	-22.2	-18.6
2009	-21.3	-3.9	-0.4	-2.8	-8.0
2010	1.2	2.5	8.1	10.2	5.4
2011	11.3	-0.4	0.2	0.6	2.9
2012	7.5	7.9	6.5	13.2	8.7
2013	4.0	3.6	1.7	-8.7	0.1
2014	-2.9	-1.6	1.0	9.9	1.4
2015	3.5	9.0	3.2	1.3	4.1
2016	0.1	0.1	3.2	6.0	2.3
2017	11.2	15.7	14.5	14.8	14.0
2018	12.1	0.4	-13.7	-12.1	-3.4
2019	-9.1	0.0	14.4	11.8	3.4
2020	-12.4	-98.9	-97.5	-80.3	-72.0
2021	-58.2	6,881.6	3,098.0	301.6	139.7
2022 2/	129.3	36.1	24.4	22.3	41.5

1/ Staying overnight or longer.
2/ 2022 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 G-19. TOTAL VISITOR ARRIVALS - BY AIR - MAUI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	568,423	576,996	603,080	536,363	2,284,862
1991	502,508	556,660	581,565	534,873	2,175,606
1992	551,575	566,363	583,953	621,720	2,323,612
1993	602,334	556,180	565,066	539,534	2,263,114
1994	603,003	572,927	595,842	568,744	2,340,516
1995	570,261	553,278	640,738	562,520	2,326,797
1996	603,887	558,629	623,412	532,682	2,318,610
1997	596,609	569,491	605,372	558,913	2,330,384
1998	589,397	584,236	578,994	551,487	2,304,115
1999	607,695	578,604	609,803	550,899	2,347,002
2000	573,560	592,301	596,346	542,458	2,304,665
2001	573,528	567,142	538,726	425,081	2,104,478
2002	518,092	523,401	584,187	513,747	2,139,427
2003	548,539	557,153	579,990	510,766	2,196,447
2004	539,699	549,131	597,130	521,866	2,207,826
2005	579,713	561,084	633,840	571,843	2,346,480
2006	606,120	625,043	659,684	607,386	2,498,234
2007	619,197	642,136	670,760	589,949	2,522,043
2008	606,443	534,940	515,505	472,155	2,129,043
2009	477,094	487,619	510,925	456,719	1,932,357
2010	513,923	517,213	561,336	530,162	2,122,634
2011	568,280	540,502	561,633	540,997	2,211,413
2012	602,553	576,361	592,077	582,338	2,353,329
2013	619,221	593,773	609,477	579,261	2,401,733
2014	619,109	608,013	612,492	617,320	2,456,935
2015	654,268	652,646	645,475	626,922	2,579,311
2016	665,369	673,304	685,277	654,139	2,678,089
2017	675,791	714,607	706,532	702,725	2,799,654
2018	722,150	770,238	762,125	709,051	2,963,564
2019	740,745	807,482	804,840	758,065	3,111,131
2020	614,757	3,911	7,881	180,759	807,308
2021	334,838	665,808	699,794	640,476	2,340,915
2022 2/	627,753	803,075	800,845	728,213	2,959,886
Percentage Change from the Same Period in Previous Year					
1991	-11.6	-3.5	-3.6	-0.3	-4.8
1992	9.8	1.7	0.4	16.2	6.8
1993	9.2	-1.8	-3.2	-13.2	-2.6
1994	0.1	3.0	5.4	5.4	3.4
1995	-5.4	-3.4	7.5	-1.1	-0.6
1996	5.9	1.0	-2.7	-5.3	-0.4
1997	-1.2	1.9	-2.9	4.9	0.5
1998	-1.2	2.6	-4.4	-1.3	-1.1
1999	3.1	-1.0	5.3	-0.1	1.9
2000	-5.6	2.4	-2.2	-1.5	-1.8
2001	0.0	-4.2	-9.7	-21.6	-8.7
2002	-9.7	-7.7	8.4	20.9	1.7
2003	5.9	6.4	-0.7	-0.6	2.7
2004	-1.6	-1.4	3.0	2.2	0.5
2005	7.4	2.2	6.1	9.6	6.3
2006	4.6	11.4	4.1	6.2	6.5
2007	2.2	2.7	1.7	-2.9	1.0
2008	-2.1	-16.7	-23.1	-20.0	-15.6
2009	-21.3	-8.8	-0.9	-3.3	-9.2
2010	7.7	6.1	9.9	16.1	9.8
2011	10.6	4.5	0.1	2.0	4.2
2012	6.0	6.6	5.4	7.6	6.4
2013	2.8	3.0	2.9	-0.5	2.1
2014	0.0	2.4	0.5	6.6	2.3
2015	5.7	7.3	5.4	1.6	5.0
2016	1.7	3.2	6.2	4.3	3.8
2017	1.6	6.1	3.1	7.4	4.5
2018	6.9	7.8	7.9	0.9	5.9
2019	2.6	4.8	5.6	6.9	5.0
2020	-17.0	-99.5	-99.0	-76.2	-74.1
2021	-45.5	16,924.1	8,779.6	254.3	190.0
2022 2/	87.5	20.6	14.4	13.7	26.4

1/ Staying overnight or longer.
2/ 2022 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 G-20. TOTAL VISITOR ARRIVALS - BY AIR - KAUAI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual**
In Persons 1/					
1990	296,484	320,922	326,416	285,028	1,228,850
1991	263,690	315,757	318,182	284,697	1,182,326
1992	256,311	294,152	268,810	62,457	881,730
1993	106,966	135,161	161,107	173,132	576,366
1994	212,202	214,238	218,686	215,593	860,719
1995	214,676	216,669	252,109	245,696	929,150
1996	228,376	245,460	252,994	248,606	975,436
1997	234,283	266,400	255,856	240,548	997,087
1998	249,319	279,908	283,817	265,355	1,078,400
1999	260,332	267,677	290,773	270,507	1,089,289
2000	254,056	280,255	288,750	251,761	1,074,821
2001	253,479	270,327	270,719	214,173	1,008,698
2002	234,080	253,550	270,899	247,370	1,005,899
2003	231,737	247,191	265,723	231,216	975,867
2004	242,298	255,111	280,932	242,580	1,020,921
2005	252,787	263,604	302,257	271,500	1,090,147
2006	277,245	287,928	331,425	307,534	1,204,132
2007	304,165	334,474	352,287	308,119	1,299,045
2008	283,579	266,828	261,900	218,340	1,030,647
2009	215,403	245,621	253,240	213,848	928,112
2010	220,688	244,009	260,946	229,469	955,112
2011	234,662	258,347	273,058	245,432	1,011,500
2012	258,448	274,044	287,690	264,499	1,084,681
2013	275,353	283,571	294,929	260,501	1,114,354
2014	268,465	286,355	295,680	269,473	1,119,973
2015	287,422	302,230	305,629	278,471	1,173,752
2016	281,181	302,640	314,048	289,401	1,187,269
2017	299,725	333,201	337,770	314,747	1,285,443
2018	345,735	361,736	354,190	327,640	1,389,300
2019	333,462	353,076	352,688	330,802	1,370,029
2020	280,999	1,978	3,787	43,499	330,263
2021	26,467	219,499	291,894	275,787	813,647
2022 2/	279,801	364,338	363,926	337,201	1,345,265
Percentage Change from the Same Period in Previous Year					
1991	-11.1	-1.6	-2.5	-0.1	-3.8
1992	-2.8	-6.8	-15.5	-78.1	-25.4
1993	-58.3	-54.1	-40.1	177.2	-34.6
1994	98.4	58.5	35.7	24.5	49.3
1995	1.2	1.1	15.3	14.0	8.0
1996	6.4	13.3	0.4	1.2	5.0
1997	2.6	8.5	1.1	-3.2	2.2
1998	6.4	5.1	10.9	10.3	8.2
1999	4.4	-4.4	2.5	1.9	1.0
2000	-2.4	4.7	-0.7	-6.9	-1.3
2001	-0.2	-3.5	-6.2	-14.9	-6.2
2002	-7.7	-6.2	0.1	15.5	-0.3
2003	-1.0	-2.5	-1.9	-6.5	-3.0
2004	4.6	3.2	5.7	4.9	4.6
2005	4.3	3.3	7.6	11.9	6.8
2006	9.7	9.2	9.7	13.3	10.5
2007	9.7	16.2	6.3	0.2	7.9
2008	-6.8	-20.2	-25.7	-29.1	-20.7
2009	-24.0	-7.9	-3.3	-2.1	-9.9
2010	2.5	-0.7	3.0	7.3	2.9
2011	6.3	5.9	4.6	7.0	5.9
2012	10.1	6.1	5.4	7.8	7.2
2013	6.5	3.5	2.5	-1.5	2.7
2014	-2.5	1.0	0.3	3.4	0.5
2015	7.1	5.5	3.4	3.3	4.8
2016	-2.2	0.1	2.8	3.9	1.2
2017	6.6	10.1	7.6	8.8	8.3
2018	15.4	8.6	4.9	4.1	8.1
2019	-3.5	-2.4	-0.4	1.0	-1.4
2020	-15.7	-99.4	-98.9	-86.9	-75.9
2021	-90.6	10,997.2	7,607.1	534.0	146.4
2022 2/	957.2	66.0	24.7	22.3	65.3

1/ Staying overnight or longer.
2/ 2022 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 G-21. HOTEL OCCUPANCY RATE - HONOLULU

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
In Percent					
1989	93.0	80.7	89.4	82.7	86.5
1990	91.1	82.8	88.8	81.7	86.1
1991	75.1	76.2	87.6	81.5	80.1
1992	83.9	75.3	82.6	78.3	80.0
1993	78.8	72.2	79.3	76.8	76.8
1994	85.4	75.9	83.0	79.3	80.9
1995	84.0	73.8	84.5	79.6	80.5
1996	86.8	77.3	83.7	75.5	80.8
1997	83.0	73.8	78.7	74.0	77.4
1998	78.3	68.5	74.1	68.6	72.4
1999	75.9	66.8	74.4	70.0	71.8
2000	78.0	73.9	78.2	74.6	76.2
2001	80.9	69.2	69.5	55.5	68.8
2002	71.7	67.9	72.0	70.4	70.5
2003	75.3	64.5	77.9	75.1	73.2
2004	81.4	75.8	84.4	77.6	79.8
2005	86.3	81.0	90.6	83.3	85.3
2006	86.4	80.6	86.3	78.1	82.5
2007	78.2	74.1	81.2	74.0	76.8
2008	79.5	73.0	77.2	70.0	75.0
2009	71.5	68.7	76.3	72.9	72.3
2010	76.0	74.0	84.9	77.7	78.2
2011	82.0	76.1	84.7	80.1	80.7
2012	86.1	81.7	88.7	82.0	84.7
2013	86.3	82.0	87.0	79.7	83.8
2014	85.6	81.6	88.3	81.8	84.4
2015	83.5	84.3	87.4	85.8	85.1
2016	83.7	82.9	86.7	82.3	83.9
2017	82.3	82.8	86.4	81.9	83.5
2018	84.3	84.6	85.5	80.5	83.7
2019	82.8	83.6	87.3	82.6	84.1
2020	71.7	12.9	25.3	22.9	39.2
2021 1/	31.2	60.6	68.8	59.1	55.6
2022 1/	70.2	76.5	81.5	73.2	75.4

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.

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.

Table G-22. HOTEL OCCUPANCY RATE - HAWAII

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual Average***
In Percent					
1989	65.8	57.4	60.8	59.4	60.9
1990	72.3	56.5	58.0	58.8	61.4
1991	57.8	57.5	62.1	52.0	57.4
1992	58.0	51.3	57.2	68.9	58.8
1993	63.0	51.8	60.0	58.7	58.4
1994	66.1	59.5	65.9	62.5	63.5
1995	69.6	55.0	59.9	64.2	62.2
1996	73.9	62.6	65.8	64.7	66.7
1997	77.2	65.2	67.7	64.1	68.6
1998	80.1	65.8	70.7	63.6	70.1
1999	74.4	58.7	69.0	61.0	65.8
2000	76.5	67.9	72.8	67.2	71.1
2001	78.8	60.5	63.9	51.6	63.7
2002	69.4	59.7	67.0	62.2	64.6
2003	69.4	59.8	69.5	61.4	65.1
2004	75.1	67.6	73.8	63.2	69.9
2005	78.7	67.8	74.0	68.3	72.2
2006	79.0	68.7	72.9	64.0	71.0
2007	74.5	63.9	69.1	62.7	67.5
2008	73.4	58.0	57.3	51.0	59.8
2009	58.1	51.4	54.1	50.4	53.5
2010	57.4	53.2	58.2	55.9	56.2
2011	64.0	52.2	59.2	57.4	58.2
2012	67.1	58.2	61.3	61.3	62.0
2013	73.1	55.3	58.6	57.1	61.0
2014	70.7	56.0	59.5	58.8	60.3
2015	71.0	63.7	65.3	62.4	65.7
2016	74.1	64.6	68.0	67.9	68.7
2017	80.2	71.5	73.2	74.4	74.8
2018	85.8	74.3	68.8	69.0	74.6
2019	79.0	74.9	77.7	76.4	77.0
2020	70.8	21.9	24.8	22.9	39.7
2021 1/	36.5	65.1	71.5	69.4	60.5
2022 1/	76.5	75.8	74.6	72.8	74.9

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.

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.

Table G-23. HOTEL OCCUPANCY RATE - MAUI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
In Percent					
1989	77.0	72.6	73.3	69.2	73.0
1990	77.9	65.5	68.1	65.7	69.3
1991	75.7	67.7	71.7	64.7	70.0
1992	59.3	66.3	70.7	58.5	63.7
1993	60.8	60.3	66.0	68.9	64.0
1994	72.0	65.4	67.4	65.9	67.7
1995	77.3	71.2	77.3	71.2	74.3
1996	80.2	68.1	72.0	65.9	71.6
1997	79.1	68.5	74.3	67.6	72.4
1998	78.7	73.5	72.5	70.5	73.8
1999	84.3	74.1	78.9	71.7	77.3
2000	84.2	80.3	81.9	75.0	80.3
2001	83.6	75.4	73.0	61.3	73.3
2002	74.3	71.0	74.0	64.0	70.8
2003	76.9	73.7	78.4	69.5	74.6
2004	81.3	78.9	79.6	71.7	77.9
2005	83.6	79.9	80.8	73.6	79.5
2006	83.6	80.7	81.8	73.7	79.9
2007	79.2	72.2	77.6	73.1	75.5
2008	80.9	66.5	64.5	60.0	67.9
2009	64.0	56.3	59.4	55.8	58.9
2010	72.1	64.3	70.1	65.9	68.1
2011	78.1	65.8	69.8	67.3	70.2
2012	80.1	68.0	71.4	70.4	72.4
2013	80.0	70.0	70.1	66.9	71.7
2014	78.0	68.9	71.1	71.3	72.5
2015	78.6	73.8	72.6	72.2	74.3
2016	79.1	75.3	74.8	74.4	75.9
2017	79.3	77.3	76.6	75.0	77.0
2018	80.1	77.2	74.7	71.9	75.9
2019	78.1	78.6	77.9	76.0	77.7
2020	67.7	15.3	13.6	20.1	34.6
2021 1/	34.3	69.5	71.7	64.6	60.3
2022 1/	67.7	70.0	68.1	64.7	67.6

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.

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.

Table G-24. HOTEL OCCUPANCY RATE - KAUAI

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	**Annual Average**
In Percent					
1989	75.2	67.3	74.3	67.5	71.1
1990	68.5	64.9	72.8	62.9	67.3
1991	53.0	60.4	65.1	67.9	61.6
1992	54.9	65.0	64.7	93.8	69.6
1993	80.5	73.2	70.9	65.7	72.6
1994	76.9	77.2	80.8	69.1	76.0
1995	62.9	63.2	68.2	62.4	64.2
1996	67.3	67.5	69.5	57.1	65.3
1997	64.3	68.6	73.2	61.8	67.0
1998	64.6	65.7	70.0	63.0	65.8
1999	69.9	69.3	76.4	65.9	70.4
2000	75.0	76.8	78.1	68.7	74.6
2001	73.3	69.9	75.9	63.4	70.6
2002	67.6	70.8	79.4	65.1	70.6
2003	70.0	73.8	83.6	71.3	75.1
2004	78.8	78.6	83.6	71.5	78.3
2005	78.5	76.6	81.1	68.7	76.1
2006	75.5	74.3	79.7	69.6	75.2
2007	73.3	73.8	82.8	73.4	75.8
2008	77.1	70.3	72.2	61.0	70.3
2009	61.6	59.1	59.7	51.7	57.0
2010	58.0	61.8	62.9	54.3	59.3
2011	62.1	60.3	71.3	61.8	63.9
2012	68.8	70.2	72.5	63.6	68.8
2013	73.8	66.8	71.8	64.3	68.9
2014	74.4	69.2	70.2	65.9	70.1
2015	76.4	70.0	70.9	67.2	71.1
2016	77.1	69.1	74.8	70.0	72.7
2017	79.1	74.9	75.1	73.8	75.7
2018	83.5	79.3	75.2	72.3	77.5
2019	73.8	70.7	73.3	73.1	72.8
2020	68.8	14.4	17.9	20.9	33.2
2021 1/	24.0	57.7	73.5	69.6	57.2
2022 1/	74.6	81.9	78.8	75.3	77.7

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.

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.

Table G-25. PRIVATE RESIDENTIAL BUILDING PERMITS - NUMBER OF UNITS AUTHORIZED: HONOLULU

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Units 1/					
1993	554	992	1,545	908	3,999
1994	613	1,385	1,261	1,380	4,639
1995	1,581	923	1,580	482	4,566
1996	532	260	885	347	2,024
1997	195	980	532	337	2,044
1998	423	334	497	361	1,615
1999	468	479	334	415	1,696
2000	352	469	382	527	1,730
2001	466	595	497	353	1,911
2002	296	553	807	867	2,523
2003	682	785	576	630	2,673
2004	1,509	940	620	742	3,811
2005	520	954	965	1,382	3,821
2006	453	473	440	569	1,935
2007	556	1,260	586	317	2,719
2008	194	1,087	366	296	1,943
2009	176	257	282	316	1,031
2010	644	537	397	248	1,826
2011	263	310	737	421	1,731
2012	432	593	243	711	1,979
2013	772	363	982	357	2,474
2014	141	372	275	786	1,574
2015	918	736	860	1,178	3,692
2016	286	704	475	1,113	2,578
2017	475	576	905	488	2,444
2018	660	1,000	586	310	2,556
2019	534	428	334	640	1,936
2020	159	315	417	327	1,218
2021	454	1,562	879	324	3,219
2022	758	255	298	786	2,097
Percentage Change from the Same Period in Previous Year 1/					
1994	10.6	39.6	-18.4	52.0	16.0
1995	157.9	-33.4	25.3	-65.1	-1.6
1996	-66.4	-71.8	-44.0	-28.0	-55.7
1997	-63.3	276.9	-39.9	-2.9	1.0
1998	116.9	-65.9	-6.6	7.1	-21.0
1999	10.6	43.4	-32.8	15.0	5.0
2000	-24.8	-2.1	14.4	27.0	2.0
2001	32.4	26.9	30.1	-33.0	10.5
2002	-36.5	-7.1	62.4	145.6	32.0
2003	130.4	42.0	-28.6	-27.3	5.9
2004	121.3	19.7	7.6	17.8	42.6
2005	-65.5	1.5	55.6	86.3	0.3
2006	-12.9	-50.4	-54.4	-58.8	-49.4
2007	22.7	166.4	33.2	-44.3	40.5
2008	-65.1	-13.7	-37.5	-6.6	-28.5
2009	-9.3	-76.4	-23.0	6.8	-46.9
2010	265.9	108.9	40.8	-21.5	77.1
2011	-59.2	-42.3	85.6	69.8	-5.2
2012	64.3	91.3	-67.0	68.9	14.3
2013	78.7	-38.8	304.1	-49.8	25.0
2014	-81.7	2.5	-72.0	120.2	-36.4
2015	551.1	97.8	212.7	49.9	134.6
2016	-68.8	-4.3	-44.8	-5.5	-30.2
2017	66.1	-18.2	90.5	-56.2	-5.2
2018	38.9	73.6	-35.2	-36.5	4.6
2019	-19.1	-57.2	-43.0	106.5	-24.3
2020	-70.2	-26.4	24.9	-48.9	-37.1
2021	185.5	395.9	110.8	-0.9	164.3
2022	67.0	-83.7	-66.1	142.6	-34.9

1/ Includes authorizations for single family, multi-family and other small categories not included elsewhere.
Source: City & County of Honolulu Building Department.

Table G-26. PRIVATE RESIDENTIAL BUILDING PERMITS - NUMBER OF UNITS AUTHORIZED: HAWAII

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Units 1/					
1993	452	350	370	543	1,715
1994	198	227	283	242	950
1995	280	266	218	235	999
1996	168	202	172	227	769
1997	216	192	152	158	718
1998	217	222	185	222	846
1999	211	258	236	524	1,229
2000	459	366	365	417	1,607
2001	304	308	497	279	1,388
2002	282	444	455	352	1,533
2003	604	713	507	549	2,373
2004	774	588	482	884	2,728
2005	583	771	1,156	959	3,469
2006	880	671	674	529	2,754
2007	520	775	395	477	2,167
2008	312	381	420	438	1,551
2009	242	173	188	181	784
2010	603	170	174	155	1,102
2011	143	187	217	142	689
2012	110	162	177	86	535
2013	82	133	177	182	574
2014	145	231	193	146	715
2015	183	247	201	217	848
2016	149	293	175	224	841
2017	184	208	212	192	796
2018	310	209	304	231	1,054
2019	214	175	196	202	787
2020	207	140	200	407	954
2021	257	262	170	316	1,005
2022	203	302	217	272	994
Percentage Change from the Same Period in Previous Year 1/					
1994	-56.2	-35.1	-23.5	-55.4	-44.6
1995	41.4	17.2	-23.0	-2.9	5.2
1996	-40.0	-24.1	-21.1	-3.4	-23.0
1997	28.6	-5.0	-11.6	-30.4	-6.6
1998	0.5	15.6	21.7	40.5	17.8
1999	-2.8	16.2	27.6	136.0	45.3
2000	117.5	41.9	54.7	-20.4	30.8
2001	-33.8	-15.8	36.2	-33.1	-13.6
2002	-7.2	44.2	-8.5	26.2	10.4
2003	114.2	60.6	11.4	56.0	54.8
2004	28.1	-17.5	-4.9	61.0	15.0
2005	-24.7	31.1	139.8	8.5	27.2
2006	50.9	-13.0	-41.7	-44.8	-20.6
2007	-40.9	15.5	-41.4	-9.8	-21.3
2008	-40.0	-50.8	6.3	-8.2	-28.4
2009	-22.4	-54.6	-55.2	-58.7	-49.5
2010	149.2	-1.7	-7.4	-14.4	40.6
2011	-76.3	10.0	24.7	-8.4	-37.5
2012	-23.1	-13.4	-18.4	-39.4	-22.4
2013	-25.5	-17.9	0.0	111.6	7.3
2014	76.8	73.7	9.0	-19.8	24.6
2015	26.2	6.9	4.1	48.6	18.6
2016	-18.6	18.6	-12.9	3.2	-0.8
2017	23.5	-29.0	21.1	-14.3	-5.4
2018	68.5	0.5	43.4	20.3	32.4
2019	-31.0	-16.3	-35.5	-12.6	-25.3
2020	-3.3	-20.0	2.0	101.5	21.2
2021	24.2	87.1	-15.0	-22.4	5.3
2022	-21.0	15.3	27.6	-13.9	-1.1

1/ Includes authorizations for single family, multi-family and other small categories not included elsewhere.
Source: County of Hawaii Building Department.

Table G-27. PRIVATE RESIDENTIAL BUILDING PERMITS - NUMBER OF UNITS AUTHORIZED: MAUI

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Units 1/					
1993	144	404	173	151	872
1994	319	246	411	145	1,121
1995	134	161	182	110	587
1996	192	163	189	209	753
1997	152	161	204	206	723
1998	121	152	160	208	641
1999	156	225	356	170	907
2000	219	254	421	217	1,111
2001	210	292	288	265	1,055
2002	170	454	304	258	1,186
2003	324	341	245	192	1,102
2004	272	442	450	390	1,554
2005	327	192	411	574	1,504
2006	524	342	258	307	1,431
2007	360	483	232	239	1,314
2008	253	359	103	61	776
2009	160	61	79	95	395
2010	64	69	94	53	280
2011	46	65	50	57	218
2012	64	217	111	114	506
2013	63	91	77	124	355
2014	83	99	73	88	343
2015	276	85	83	65	509
2016	150	127	125	75	477
2017	239	333	128	163	863
2018	117	115	429	177	838
2019	129	215	214	99	657
2020	65	171	93	197	526
2021	117	131	316	316	880
2022	121	119	80	365	685
Percentage Change from the Same Period in Previous Year 1/					
1994	121.5	-39.1	137.6	-4.0	28.6
1995	-58.0	-34.6	-55.7	-24.1	-47.6
1996	43.3	1.2	3.8	90.0	28.3
1997	-20.8	-1.2	7.9	-1.4	-4.0
1998	-20.4	-5.6	-21.6	1.0	-11.3
1999	28.9	48.0	122.5	-18.3	41.5
2000	40.4	12.9	18.3	27.6	22.5
2001	-4.1	15.0	-31.6	22.1	-5.0
2002	-19.0	55.5	5.6	-2.6	12.4
2003	90.6	-24.9	-19.4	-25.6	-7.1
2004	-16.0	29.6	83.7	103.1	41.0
2005	20.2	-56.6	-8.7	47.2	-3.2
2006	60.2	78.1	-37.2	-46.5	-4.9
2007	-31.3	41.2	-10.1	-22.1	-8.2
2008	-29.7	-25.7	-55.6	-74.5	-40.9
2009	-36.8	-83.0	-23.3	55.7	-49.1
2010	-60.0	13.1	19.0	-44.2	-29.1
2011	-28.1	-5.8	-46.8	7.5	-22.1
2012	39.1	233.8	122.0	100.0	132.1
2013	-1.6	-58.1	-30.6	8.8	-29.8
2014	31.7	8.8	-5.2	-29.0	-3.4
2015	232.5	-14.1	13.7	-26.1	48.4
2016	-45.7	49.4	50.6	15.4	-6.3
2017	59.3	162.2	2.4	117.3	80.9
2018	-51.0	-65.5	235.2	8.6	-2.9
2019	10.3	87.0	-50.1	-44.1	-21.6
2020	-49.6	-20.5	-56.5	99.0	-19.9
2021	80.0	-23.4	239.8	60.4	67.3
2022	3.4	-9.2	-74.7	15.5	-22.2

1/ Includes authorizations for single family, multi-family and other small categories not included elsewhere.
Source: County of Maui Building Department.

Table G-28. PRIVATE RESIDENTIAL BUILDING PERMITS - NUMBER OF UNITS AUTHORIZED: KAUAI

Year	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	***Annual***
Number of Units 1/					
1993	269	119	96	102	586
1994	258	79	101	233	671
1995	91	78	74	143	386
1996	84	113	77	69	343
1997	67	79	48	131	325
1998	47	80	61	66	254
1999	67	69	110	45	291
2000	78	58	97	72	305
2001	101	79	92	193	465
2002	129	167	113	195	604
2003	116	153	136	154	559
2004	132	118	115	113	478
2005	415	256	146	95	912
2006	84	213	392	174	863
2007	186	122	198	162	668
2008	160	190	112	36	498
2009	304	65	101	42	512
2010	43	37	49	43	172
2011	33	38	32	29	132
2012	30	36	133	36	235
2013	32	44	46	36	158
2014	31	51	49	56	187
2015	33	63	61	42	199
2016	42	68	64	55	229
2017	51	71	99	91	312
2018	73	183	68	40	364
2019	49	40	44	47	180
2020	67	50	32	29	178
2021	54	37	42	37	170
2022	42	34	37	47	160
Percentage Change from the Same Period in Previous Year 1/					
1994	-4.1	-33.6	5.2	128.4	14.5
1995	-64.7	-1.3	-26.7	-38.6	-42.5
1996	-7.7	44.9	4.1	-51.7	-11.1
1997	-20.2	-30.1	-37.7	89.9	-5.2
1998	-29.9	1.3	27.1	-49.6	-21.8
1999	42.6	-13.8	80.3	-31.8	14.6
2000	16.4	-15.9	-11.8	60.0	4.8
2001	29.5	36.2	-5.2	168.1	52.5
2002	27.7	111.4	22.8	1.0	29.9
2003	-10.1	-8.4	20.4	-21.0	-7.5
2004	13.8	-22.9	-15.4	-26.6	-14.5
2005	214.4	116.9	27.0	-15.9	90.8
2006	-79.8	-16.8	168.5	83.2	-5.4
2007	121.4	-42.7	-49.5	-6.9	-22.6
2008	-14.0	55.7	-43.4	-77.8	-25.4
2009	90.0	-65.8	-9.8	16.7	2.8
2010	-85.9	-43.1	-51.5	2.4	-66.4
2011	-23.3	2.7	-34.7	-32.6	-23.3
2012	-9.1	-5.3	315.6	24.1	78.0
2013	6.7	22.2	-65.4	0.0	-32.8
2014	-3.1	15.9	6.5	55.6	18.4
2015	6.5	23.5	24.5	-25.0	6.4
2016	27.3	7.9	4.9	31.0	15.1
2017	21.4	4.4	54.7	65.5	36.2
2018	43.1	157.7	-31.3	-56.0	16.7
2019	-32.9	-78.1	-35.3	17.5	-50.5
2020	36.7	25.0	-27.3	-38.3	-1.1
2021	-19.4	-26.0	31.3	27.6	-4.5
2022	-22.2	-8.1	-11.9	27.0	-5.9

1/ Includes authorizations for single family, multi-family and other small categories not included elsewhere.
Source: County of Kauai Building Department and U.S. Census Bureau.

Table G-29. HONOLULU HOME SALES BY TYPE OF HOME

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	11,702	3,677	8,025	511,068	789,523	383,481
2009	9,397	3,525	5,872	490,308	684,609	373,668
2010	11,275	4,446	6,829	539,338	732,642	413,489
2011	10,344	3,937	6,407	498,314	687,742	381,914
2012	9,883	3,983	5,900	528,367	752,075	377,346
2013	11,373	4,424	6,949	548,300	791,123	393,709
2014	11,568	4,468	7,100	600,459	822,240	460,893
2015	13,214	4,579	8,635	584,178	863,969	435,810
2016	13,502	4,499	9,003	676,253	884,427	572,223
2017	13,753	4,417	9,336	723,886	945,206	619,177
2018	12,993	4,343	8,650	754,537	1,032,415	615,019
2019	12,553	4,458	8,095	695,365	967,045	545,748
2020	11,146	4,450	6,696	731,263	1,011,881	544,771
2021	15,741	5,197	10,544	807,955	1,220,766	604,485
2022	13,467	4,181	9,286	869,977	1,338,057	659,226
2008 1 Qtr.	2,979	839	2,140	507,061	816,625	385,694
2 Qtr.	3,749	988	2,761	490,114	762,666	392,583
3 Qtr.	2,920	962	1,958	542,882	853,766	390,139
4 Qtr.	2,054	888	1,166	509,895	724,203	346,684
2009 1 Qtr.	1,844	643	1,201	444,359	678,241	319,141
2 Qtr.	2,116	848	1,268	464,342	683,862	317,534
3 Qtr.	2,500	944	1,556	482,309	697,668	351,654
4 Qtr.	2,937	1,090	1,847	544,675	677,636	466,208
2010 1 Qtr.	2,232	917	1,315	491,398	716,275	334,582
2 Qtr.	3,264	1,246	2,018	533,483	702,286	429,256
3 Qtr.	2,846	1,125	1,721	570,855	808,691	415,383
4 Qtr.	2,933	1,158	1,775	551,756	704,382	452,183
2011 1 Qtr.	2,310	897	1,413	512,771	680,202	406,483
2 Qtr.	2,641	1,027	1,614	495,546	685,085	374,941
3 Qtr.	2,610	1,051	1,559	484,672	698,412	340,578
4 Qtr.	2,783	962	1,821	501,736	685,950	404,420
2012 1 Qtr.	1,944	783	1,161	506,996	734,945	353,263
2 Qtr.	2,351	913	1,438	506,636	738,354	359,517
3 Qtr.	2,572	1,024	1,548	523,113	734,301	383,413
4 Qtr.	3,016	1,263	1,753	563,563	787,024	402,564
2013 1 Qtr.	2,459	857	1,602	521,144	749,259	399,113
2 Qtr.	2,995	1,152	1,843	537,159	767,436	393,221
3 Qtr.	3,167	1,329	1,838	560,626	777,194	404,033
4 Qtr.	2,752	1,086	1,666	570,503	866,333	377,663
2014 1 Qtr.	2,400	931	1,469	588,118	828,494	435,776
2 Qtr.	2,901	1,052	1,849	583,249	847,149	433,101
3 Qtr.	2,978	1,225	1,753	565,973	788,683	410,342
4 Qtr.	3,289	1,260	2,029	655,870	829,448	548,079
2015 1 Qtr.	3,010	994	2,016	604,635	842,379	487,413
2 Qtr.	3,767	1,199	2,568	552,218	864,091	406,605
3 Qtr.	3,528	1,315	2,213	586,983	857,826	426,044
4 Qtr.	2,909	1,071	1,838	600,997	891,410	431,773
2016 1 Qtr.	2,860	1,001	1,859	675,585	832,852	590,903
2 Qtr.	3,633	1,156	2,477	640,329	901,141	518,610
3 Qtr.	3,361	1,228	2,133	632,098	890,315	483,439
4 Qtr.	3,648	1,114	2,534	753,233	906,934	685,662
2017 1 Qtr.	3,216	961	2,255	654,828	925,755	539,368
2 Qtr.	3,339	1,192	2,147	629,206	879,656	490,157
3 Qtr.	3,482	1,183	2,299	721,897	896,882	631,855
4 Qtr.	3,716	1,081	2,635	870,593	1,087,663	781,540
2018 1 Qtr.	2,676	935	1,741	775,774	1,116,043	593,033
2 Qtr.	3,111	1,142	1,969	776,466	1,081,121	599,769
3 Qtr.	3,479	1,151	2,328	760,251	982,163	650,534
4 Qtr.	3,727	1,115	2,612	715,649	964,279	609,515
2019 1 Qtr.	2,678	892	1,786	707,304	976,538	572,838
2 Qtr.	3,635	1,209	2,426	648,957	889,002	529,330
3 Qtr.	3,279	1,250	2,029	721,873	1,011,915	543,187
4 Qtr.	2,961	1,107	1,854	712,184	993,965	543,936
2020 1 Qtr.	2,539	956	1,583	689,074	933,259	541,607
2 Qtr.	2,206	948	1,258	757,511	1,003,704	571,986
3 Qtr.	3,079	1,256	1,823	728,595	1,000,029	541,583
4 Qtr.	3,322	1,290	2,032	748,549	1,087,695	533,246
2021 1 Qtr.	3,098	1,088	2,010	756,010	1,130,683	553,202
2 Qtr.	4,072	1,409	2,663	788,356	1,169,280	586,808
3 Qtr.	4,127	1,435	2,692	841,154	1,273,014	610,947
4 Qtr.	4,444	1,265	3,179	831,293	1,296,321	646,248
2022 1 Qtr.	3,394	1,083	2,311	880,888	1,400,166	637,539
2 Qtr.	3,982	1,240	2,742	871,002	1,390,168	636,222
3 Qtr.	3,622	1,098	2,524	851,831	1,272,480	668,839
4 Qtr.	2,469	760	1,709	879,947	1,259,268	711,261

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-29. HONOLULU HOME SALES BY TYPE OF HOME -- Con.

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
	Percentage change from previous period					
2009	-19.7	-4.1	-26.8	-4.1	-13.3	-2.6
2010	20.0	26.1	16.3	10.0	7.0	10.7
2011	-8.3	-11.4	-6.2	-7.6	-6.1	-7.6
2012	-4.5	1.2	-7.9	6.0	9.4	-1.2
2013	15.1	11.1	17.8	3.8	5.2	4.3
2014	1.7	1.0	2.2	9.5	3.9	17.1
2015	14.2	2.5	21.6	-2.7	5.1	-5.4
2016	2.2	-1.7	4.3	15.8	2.4	31.3
2017	1.9	-1.8	3.7	7.0	6.9	8.2
2018	-5.5	-1.7	-7.3	4.2	9.2	-0.7
2019	-3.4	2.6	-6.4	-7.8	-6.3	-11.3
2020	-11.2	-0.2	-17.3	5.2	4.6	-0.2
2021	41.2	16.8	57.5	10.5	20.6	11.0
2022	-14.4	-19.5	-11.9	7.7	9.6	9.1
2009 1 Qtr.	-38.1	-23.4	-43.9	-12.4	-16.9	-17.3
2 Qtr.	-43.6	-14.2	-54.1	-5.3	-10.3	-19.1
3 Qtr.	-14.4	-1.9	-20.5	-11.2	-18.3	-9.9
4 Qtr.	43.0	22.7	58.4	6.8	-6.4	34.5
2010 1 Qtr.	21.0	42.6	9.5	10.6	5.6	4.8
2 Qtr.	54.3	46.9	59.1	14.9	2.7	35.2
3 Qtr.	13.8	19.2	10.6	18.4	15.9	18.1
4 Qtr.	-0.1	6.2	-3.9	1.3	3.9	-3.0
2011 1 Qtr.	3.5	-2.2	7.5	4.3	-5.0	21.5
2 Qtr.	-19.1	-17.6	-20.0	-7.1	-2.4	-12.7
3 Qtr.	-8.3	-6.6	-9.4	-15.1	-13.6	-18.0
4 Qtr.	-5.1	-16.9	2.6	-9.1	-2.6	-10.6
2012 1 Qtr.	-15.8	-12.7	-17.8	-1.1	8.0	-13.1
2 Qtr.	-11.0	-11.1	-10.9	2.2	7.8	-4.1
3 Qtr.	-1.5	-2.6	-0.7	7.9	5.1	12.6
4 Qtr.	8.4	31.3	-3.7	12.3	14.7	-0.5
2013 1 Qtr.	26.5	9.5	38.0	2.8	1.9	13.0
2 Qtr.	27.4	26.2	28.2	6.0	3.9	9.4
3 Qtr.	23.1	29.8	18.7	7.2	5.8	5.4
4 Qtr.	-8.8	-14.0	-5.0	1.2	10.1	-6.2
2014 1 Qtr.	-2.4	8.6	-8.3	12.9	10.6	9.2
2 Qtr.	-3.1	-8.7	0.3	8.6	10.4	10.1
3 Qtr.	-6.0	-7.8	-4.6	1.0	1.5	1.6
4 Qtr.	19.5	16.0	21.8	15.0	-4.3	45.1
2015 1 Qtr.	25.4	6.8	37.2	2.8	1.7	11.8
2 Qtr.	29.9	14.0	38.9	-5.3	2.0	-6.1
3 Qtr.	18.5	7.3	26.2	3.7	8.8	3.8
4 Qtr.	-11.6	-15.0	-9.4	-8.4	7.5	-21.2
2016 1 Qtr.	-5.0	0.7	-7.8	11.7	-1.1	21.2
2 Qtr.	-3.6	-3.6	-3.5	16.0	4.3	27.5
3 Qtr.	-4.7	-6.6	-3.6	7.7	3.8	13.5
4 Qtr.	25.4	4.0	37.9	25.3	1.7	58.8
2017 1 Qtr.	12.4	-4.0	21.3	-3.1	11.2	-8.7
2 Qtr.	-8.1	3.1	-13.3	-1.7	-2.4	-5.5
3 Qtr.	3.6	-3.7	7.8	14.2	0.7	30.7
4 Qtr.	1.9	-3.0	4.0	15.6	19.9	14.0
2018 1 Qtr.	-16.8	-2.7	-22.8	18.5	20.6	9.9
2 Qtr.	-6.8	-4.2	-8.3	23.4	22.9	22.4
3 Qtr.	-0.1	-2.7	1.3	5.3	9.5	3.0
4 Qtr.	0.3	3.1	-0.9	-17.8	-11.3	-22.0
2019 1 Qtr.	0.1	-4.6	2.6	-8.8	-12.5	-3.4
2 Qtr.	16.8	5.9	23.2	-16.4	-17.8	-11.7
3 Qtr.	-5.7	8.6	-12.8	-5.0	3.0	-16.5
4 Qtr.	-20.6	-0.7	-29.0	-0.5	3.1	-10.8
2020 1 Qtr.	-5.2	7.2	-11.4	-2.6	-4.4	-5.5
2 Qtr.	-39.3	-21.6	-48.1	16.7	12.9	8.1
3 Qtr.	-6.1	0.5	-10.2	0.9	-1.2	-0.3
4 Qtr.	12.2	16.5	9.6	5.1	9.4	-2.0
2021 1 Qtr.	22.0	13.8	27.0	9.7	21.2	2.1
2 Qtr.	84.6	48.6	111.7	4.1	16.5	2.6
3 Qtr.	34.0	14.3	47.7	15.4	27.3	12.8
4 Qtr.	33.8	-1.9	56.4	11.1	19.2	21.2
2022 1 Qtr.	9.6	-0.5	15.0	16.5	23.8	15.2
2 Qtr.	-2.2	-12.0	3.0	10.5	18.9	8.4
3 Qtr.	-12.2	-23.5	-6.2	1.3	0.0	9.5
4 Qtr.	-44.4	-39.9	-46.2	5.9	-2.9	10.1

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-30. HOME SALES BY TYPE OF HOME - HAWAII

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	3,960	3,412	548	361,065	330,401	551,993
2009	3,734	3,210	524	307,038	285,005	442,016
2010	5,273	4,383	890	309,031	296,382	371,328
2011	2,926	2,022	904	347,782	348,055	347,170
2012	2,776	1,994	782	347,097	320,978	413,696
2013	2,825	1,977	848	468,184	488,325	421,228
2014	2,725	1,926	799	491,247	523,040	414,610
2015	2,822	2,016	806	530,062	541,472	501,523
2016	2,968	2,149	819	528,106	555,114	457,241
2017	3,253	2,288	965	560,023	565,379	547,325
2018	3,412	2,329	1,083	537,563	515,642	584,705
2019	3,889	2,798	1,091	514,905	511,617	523,336
2020	4,208	3,267	941	564,275	535,846	662,977
2021	5,724	4,334	1,390	685,017	658,719	767,014
2022	4,688	3,692	996	665,318	599,544	909,131
2008 1 Qtr.	1,022	877	145	402,622	364,669	632,173
2 Qtr.	1,108	942	166	401,995	365,054	611,625
3 Qtr.	974	838	136	275,177	246,603	451,247
4 Qtr.	856	755	101	356,200	340,370	474,535
2009 1 Qtr.	748	654	94	278,049	252,972	452,521
2 Qtr.	914	791	123	305,679	286,127	431,416
3 Qtr.	998	854	144	298,867	281,153	403,922
4 Qtr.	1,074	911	163	335,978	310,636	477,612
2010 1 Qtr.	1,068	884	184	360,634	351,183	406,043
2 Qtr.	1,464	1,201	263	325,392	320,636	347,111
3 Qtr.	1,421	1,170	251	307,573	296,633	358,563
4 Qtr.	1,320	1,128	192	250,705	227,349	387,917
2011 1 Qtr.	748	496	252	355,904	361,317	345,250
2 Qtr.	839	606	233	328,025	327,656	328,984
3 Qtr.	718	488	230	366,270	352,338	395,830
4 Qtr.	621	432	189	343,314	356,606	312,932
2012 1 Qtr.	637	472	165	304,951	279,061	379,012
2 Qtr.	839	587	252	366,577	322,381	469,526
3 Qtr.	648	460	188	323,791	320,718	331,311
4 Qtr.	652	475	177	386,367	361,149	454,045
2013 1 Qtr.	564	377	187	507,499	532,165	457,769
2 Qtr.	776	547	229	520,411	546,421	458,280
3 Qtr.	777	556	221	449,240	456,862	430,064
4 Qtr.	708	497	211	400,414	426,328	339,375
2014 1 Qtr.	641	451	190	470,311	511,566	372,385
2 Qtr.	743	504	239	557,443	596,980	474,068
3 Qtr.	676	484	192	442,907	461,878	395,085
4 Qtr.	665	487	178	486,607	517,931	400,909
2015 1 Qtr.	711	492	219	513,886	520,223	499,651
2 Qtr.	737	522	215	500,702	513,172	470,427
3 Qtr.	680	497	183	563,655	574,897	533,122
4 Qtr.	694	505	189	544,898	558,531	508,469
2016 1 Qtr.	702	502	200	517,054	517,934	514,843
2 Qtr.	798	566	232	562,612	611,714	442,820
3 Qtr.	766	544	222	507,680	525,159	464,848
4 Qtr.	702	537	165	522,225	560,559	397,463
2017 1 Qtr.	774	539	235	508,688	493,061	544,528
2 Qtr.	1,001	698	303	581,957	597,935	545,150
3 Qtr.	724	527	197	582,959	568,703	621,097
4 Qtr.	754	524	230	561,579	593,058	489,861
2018 1 Qtr.	879	619	260	535,438	514,348	585,649
2 Qtr.	921	615	306	569,884	556,112	597,562
3 Qtr.	824	562	262	503,316	511,353	486,077
4 Qtr.	788	533	255	537,970	474,972	669,648
2019 1 Qtr.	782	540	242	532,001	524,059	549,723
2 Qtr.	997	670	327	537,800	533,310	546,998
3 Qtr.	1,035	774	261	506,989	506,882	507,308
4 Qtr.	1,075	814	261	488,856	490,010	485,255
2020 1 Qtr.	1,036	787	249	547,467	526,879	612,537
2 Qtr.	722	561	161	475,179	448,482	568,202
3 Qtr.	1,081	856	225	526,127	491,514	657,809
4 Qtr.	1,369	1,063	306	654,107	624,290	757,686
2021 1 Qtr.	1,405	1,027	378	729,939	710,867	781,755
2 Qtr.	1,595	1,169	426	705,761	712,184	688,134
3 Qtr.	1,402	1,091	311	611,781	560,918	790,212
4 Qtr.	1,322	1,047	275	689,915	649,784	842,708
2022 1 Qtr.	1,381	1,081	300	651,379	587,637	881,061
2 Qtr.	1,395	1,058	337	778,486	687,675	1,063,583
3 Qtr.	1,061	849	212	639,212	587,775	845,205
4 Qtr.	851	704	147	534,979	499,577	704,523

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-30. HOME SALES BY TYPE OF HOME - HAWAII -- Con.

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
	Percentage change from previous period					
2009	-5.7	-5.9	-4.4	-15.0	-13.7	-19.9
2010	41.2	36.5	69.8	0.6	4.0	-16.0
2011	-44.5	-53.9	1.6	12.5	17.4	-6.5
2012	-5.1	-1.4	-13.5	-0.2	-7.8	19.2
2013	1.8	-0.9	8.4	34.9	52.1	1.8
2014	-3.5	-2.6	-5.8	4.9	7.1	-1.6
2015	3.6	4.7	0.9	7.9	3.5	21.0
2016	5.2	6.6	1.6	-0.4	2.5	-8.8
2017	9.6	6.5	17.8	6.0	1.8	19.7
2018	4.9	1.8	12.2	-4.0	-8.8	6.8
2019	14.0	20.1	0.7	-4.2	-0.8	-10.5
2020	8.2	16.8	-13.7	9.6	4.7	26.7
2021	36.0	32.7	47.7	21.4	22.9	15.7
2022	-18.1	-14.8	-28.3	-2.9	-9.0	18.5
2009 1 Qtr.	-26.8	-25.4	-35.2	-30.9	-30.6	-28.4
2 Qtr.	-17.5	-16.0	-25.9	-24.0	-21.6	-29.5
3 Qtr.	2.5	1.9	5.9	8.6	14.0	-10.5
4 Qtr.	25.5	20.7	61.4	-5.7	-8.7	0.6
2010 1 Qtr.	42.8	35.2	95.7	29.7	38.8	-10.3
2 Qtr.	60.2	51.8	113.8	6.4	12.1	-19.5
3 Qtr.	42.4	37.0	74.3	2.9	5.5	-11.2
4 Qtr.	22.9	23.8	17.8	-25.4	-26.8	-18.8
2011 1 Qtr.	-30.0	-43.9	37.0	-1.3	2.9	-15.0
2 Qtr.	-42.7	-49.5	-11.4	0.8	2.2	-5.2
3 Qtr.	-49.5	-58.3	-8.4	19.1	18.8	10.4
4 Qtr.	-53.0	-61.7	-1.6	36.9	56.9	-19.3
2012 1 Qtr.	-14.8	-4.8	-34.5	-14.3	-22.8	9.8
2 Qtr.	0.0	-3.1	8.2	11.8	-1.6	42.7
3 Qtr.	-9.7	-5.7	-18.3	-11.6	-9.0	-16.3
4 Qtr.	5.0	10.0	-6.3	12.5	1.3	45.1
2013 1 Qtr.	-11.5	-20.1	13.3	66.4	90.7	20.8
2 Qtr.	-7.5	-6.8	-9.1	42.0	69.5	-2.4
3 Qtr.	19.9	20.9	17.6	38.7	42.4	29.8
4 Qtr.	8.6	4.6	19.2	3.6	18.0	-25.3
2014 1 Qtr.	13.7	19.6	1.6	-7.3	-3.9	-18.7
2 Qtr.	-4.3	-7.9	4.4	7.1	9.3	3.4
3 Qtr.	-13.0	-12.9	-13.1	-1.4	1.1	-8.1
4 Qtr.	-6.1	-2.0	-15.6	21.5	21.5	18.1
2015 1 Qtr.	10.9	9.1	15.3	9.3	1.7	34.2
2 Qtr.	-0.8	3.6	-10.0	-10.2	-14.0	-0.8
3 Qtr.	0.6	2.7	-4.7	27.3	24.5	34.9
4 Qtr.	4.4	3.7	6.2	12.0	7.8	26.8
2016 1 Qtr.	-1.3	2.0	-8.7	0.6	-0.4	3.0
2 Qtr.	8.3	8.4	7.9	12.4	19.2	-5.9
3 Qtr.	12.6	9.5	21.3	-9.9	-8.7	-12.8
4 Qtr.	1.2	6.3	-12.7	-4.2	0.4	-21.8
2017 1 Qtr.	10.3	7.4	17.5	-1.6	-4.8	5.8
2 Qtr.	25.4	23.3	30.6	3.4	-2.3	23.1
3 Qtr.	-5.5	-3.1	-11.3	14.8	8.3	33.6
4 Qtr.	7.4	-2.4	39.4	7.5	5.8	23.2
2018 1 Qtr.	13.6	14.8	10.6	5.3	4.3	7.6
2 Qtr.	-8.0	-11.9	1.0	-2.1	-7.0	9.6
3 Qtr.	13.8	6.6	33.0	-13.7	-10.1	-21.7
4 Qtr.	4.5	1.7	10.9	-4.2	-19.9	36.7
2019 1 Qtr.	-11.0	-12.8	-6.9	-0.6	1.9	-6.1
2 Qtr.	8.3	8.9	6.9	-5.6	-4.1	-8.5
3 Qtr.	25.6	37.7	-0.4	0.7	-0.9	4.4
4 Qtr.	36.4	52.7	2.4	-9.1	3.2	-27.5
2020 1 Qtr.	32.5	45.7	2.9	2.9	0.5	11.4
2 Qtr.	-27.6	-16.3	-50.8	-11.6	-15.9	3.9
3 Qtr.	4.4	10.6	-13.8	3.8	-3.0	29.7
4 Qtr.	27.3	30.6	17.2	33.8	27.4	56.1
2021 1 Qtr.	35.6	30.5	51.8	33.3	34.9	27.6
2 Qtr.	120.9	108.4	164.6	48.5	58.8	21.1
3 Qtr.	29.7	27.5	38.2	16.3	14.1	20.1
4 Qtr.	-3.4	-1.5	-10.1	5.5	4.1	11.2
2022 1 Qtr.	-1.7	5.3	-20.6	-10.8	-17.3	12.7
2 Qtr.	-12.5	-9.5	-20.9	10.3	-3.4	54.6
3 Qtr.	-24.3	-22.2	-31.8	4.5	4.8	7.0
4 Qtr.	-35.6	-32.8	-46.5	-22.5	-23.1	-16.4

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-31. HOME SALES BY TYPE OF HOME - MAUI

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	2,334	1,268	1,066	768,060	771,564	763,892
2009	2,282	1,289	993	607,771	715,452	467,992
2010	3,418	1,631	1,787	581,459	638,980	528,958
2011	2,921	1,254	1,667	497,593	559,936	450,695
2012	2,585	1,041	1,544	519,877	603,112	463,758
2013	2,764	1,148	1,616	590,952	633,593	560,661
2014	2,491	1,082	1,409	666,989	714,731	630,328
2015	2,569	1,172	1,397	667,061	694,111	644,367
2016	2,576	1,112	1,464	695,789	780,522	631,430
2017	2,605	1,107	1,498	759,567	791,034	736,314
2018	2,828	1,289	1,539	776,665	842,371	721,633
2019	2,520	1,278	1,242	779,415	865,021	691,327
2020	2,318	1,332	986	892,484	965,117	794,362
2021	3,099	1,710	1,389	1,229,938	1,461,656	944,670
2022	2,105	1,304	801	1,227,565	1,380,198	979,083
2008 1 Qtr.	662	343	319	857,926	907,128	805,023
2 Qtr.	637	347	290	816,956	771,000	871,945
3 Qtr.	540	309	231	771,361	741,514	811,288
4 Qtr.	495	269	226	581,351	633,955	518,738
2009 1 Qtr.	565	337	228	708,245	882,922	450,060
2 Qtr.	498	294	204	645,245	728,450	525,333
3 Qtr.	553	285	268	461,094	542,893	374,106
4 Qtr.	666	373	293	616,305	685,750	527,899
2010 1 Qtr.	732	326	406	608,208	600,820	614,141
2 Qtr.	1,008	429	579	632,622	640,795	626,567
3 Qtr.	860	447	413	535,665	664,047	396,714
4 Qtr.	818	429	389	542,619	640,047	435,173
2011 1 Qtr.	705	304	401	484,107	520,928	456,192
2 Qtr.	787	339	448	556,447	619,409	508,803
3 Qtr.	748	325	423	489,874	556,442	438,729
4 Qtr.	681	286	395	452,017	534,874	392,024
2012 1 Qtr.	634	222	412	472,996	596,791	406,290
2 Qtr.	677	251	426	541,258	632,495	487,502
3 Qtr.	531	236	295	506,014	589,553	439,183
4 Qtr.	743	332	411	550,305	594,762	514,393
2013 1 Qtr.	578	257	321	570,629	608,521	540,291
2 Qtr.	811	321	490	592,502	668,578	542,664
3 Qtr.	720	298	422	553,810	581,859	534,002
4 Qtr.	655	272	383	647,797	672,674	630,129
2014 1 Qtr.	618	245	373	696,650	842,660	600,745
2 Qtr.	717	311	406	670,924	686,616	658,903
3 Qtr.	598	289	309	659,241	702,964	618,347
4 Qtr.	558	237	321	637,389	633,724	640,095
2015 1 Qtr.	631	264	367	665,598	743,469	609,582
2 Qtr.	664	310	354	681,957	709,229	658,075
3 Qtr.	660	304	356	672,652	657,984	685,177
4 Qtr.	614	294	320	646,444	671,203	623,697
2016 1 Qtr.	596	262	334	613,982	662,001	576,315
2 Qtr.	693	301	392	734,338	849,968	645,551
3 Qtr.	628	263	365	732,480	765,134	708,952
4 Qtr.	659	286	373	694,273	830,159	590,081
2017 1 Qtr.	583	239	344	766,547	839,167	716,093
2 Qtr.	694	289	405	721,204	745,745	703,692
3 Qtr.	625	287	338	742,081	669,750	803,498
4 Qtr.	703	292	411	807,196	915,668	730,132
2018 1 Qtr.	725	324	401	794,145	863,152	738,388
2 Qtr.	840	337	503	776,291	802,766	758,553
3 Qtr.	639	336	303	769,752	800,853	735,263
4 Qtr.	624	292	332	763,940	912,795	633,019
2019 1 Qtr.	595	281	314	751,816	830,936	681,011
2 Qtr.	640	327	313	781,723	876,977	682,208
3 Qtr.	672	334	338	817,693	893,227	743,052
4 Qtr.	613	336	277	761,831	853,852	650,209
2020 1 Qtr.	599	302	297	767,057	857,991	674,592
2 Qtr.	455	292	163	830,285	894,486	715,274
3 Qtr.	570	347	223	889,757	918,338	845,282
4 Qtr.	694	391	303	1,043,759	1,142,122	916,829
2021 1 Qtr.	795	421	374	1,222,746	1,490,484	921,361
2 Qtr.	879	474	405	1,207,941	1,442,683	933,205
3 Qtr.	762	429	333	1,233,123	1,486,983	906,078
4 Qtr.	663	386	277	1,264,066	1,425,366	1,039,296
2022 1 Qtr.	632	380	252	1,146,616	1,347,953	843,013
2 Qtr.	608	358	250	1,409,969	1,642,977	1,076,301
3 Qtr.	452	276	176	1,178,097	1,273,682	1,028,204
4 Qtr.	413	290	123	1,137,050	1,199,428	989,978

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-31. HOME SALES BY TYPE OF HOME - MAUI -- Con.

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
	Percentage change from previous period					
2009	-2.2	1.7	-6.8	-20.9	-7.3	-38.7
2010	49.8	26.5	80.0	-4.3	-10.7	13.0
2011	-14.5	-23.1	-6.7	-14.4	-12.4	-14.8
2012	-11.5	-17.0	-7.4	4.5	7.7	2.9
2013	6.9	10.3	4.7	13.7	5.1	20.9
2014	-9.9	-5.7	-12.8	12.9	12.8	12.4
2015	3.1	8.3	-0.9	0.0	-2.9	2.2
2016	0.3	-5.1	4.8	4.3	12.4	-2.0
2017	1.1	-0.4	2.3	9.2	1.3	16.6
2018	8.6	16.4	2.7	2.3	6.5	-2.0
2019	-10.9	-0.9	-19.3	0.4	2.7	-4.2
2020	-8.0	4.2	-20.6	14.5	11.6	14.9
2021	33.7	28.4	40.9	37.8	51.4	18.9
2022	-32.1	-23.7	-42.3	-0.2	-5.6	3.6
2009 1 Qtr.	-14.7	-1.7	-28.5	-17.4	-2.7	-44.1
2 Qtr.	-21.8	-15.3	-29.7	-21.0	-5.5	-39.8
3 Qtr.	2.4	-7.8	16.0	-40.2	-26.8	-53.9
4 Qtr.	34.5	38.7	29.6	6.0	8.2	1.8
2010 1 Qtr.	29.6	-3.3	78.1	-14.1	-32.0	36.5
2 Qtr.	102.4	45.9	183.8	-2.0	-12.0	19.3
3 Qtr.	55.5	56.8	54.1	16.2	22.3	6.0
4 Qtr.	22.8	15.0	32.8	-12.0	-6.7	-17.6
2011 1 Qtr.	-3.7	-6.7	-1.2	-20.4	-13.3	-25.7
2 Qtr.	-21.9	-21.0	-22.6	-12.0	-3.3	-18.8
3 Qtr.	-13.0	-27.3	2.4	-8.5	-16.2	10.6
4 Qtr.	-16.7	-33.3	1.5	-16.7	-16.4	-9.9
2012 1 Qtr.	-10.1	-27.0	2.7	-2.3	14.6	-10.9
2 Qtr.	-14.0	-26.0	-4.9	-2.7	2.1	-4.2
3 Qtr.	-29.0	-27.4	-30.3	3.3	6.0	0.1
4 Qtr.	9.1	16.1	4.1	21.7	11.2	31.2
2013 1 Qtr.	-8.8	15.8	-22.1	20.6	2.0	33.0
2 Qtr.	19.8	27.9	15.0	9.5	5.7	11.3
3 Qtr.	35.6	26.3	43.1	9.4	-1.3	21.6
4 Qtr.	-11.8	-18.1	-6.8	17.7	13.1	22.5
2014 1 Qtr.	6.9	-4.7	16.2	22.1	38.5	11.2
2 Qtr.	-11.6	-3.1	-17.1	13.2	2.7	21.4
3 Qtr.	-16.9	-3.0	-26.8	19.0	20.8	15.8
4 Qtr.	-14.8	-12.9	-16.2	-1.6	-5.8	1.6
2015 1 Qtr.	2.1	7.8	-1.6	-4.5	-11.8	1.5
2 Qtr.	-7.4	-0.3	-12.8	1.6	3.3	-0.1
3 Qtr.	10.4	5.2	15.2	2.0	-6.4	10.8
4 Qtr.	10.0	24.1	-0.3	1.4	5.9	-2.6
2016 1 Qtr.	-5.5	-0.8	-9.0	-7.8	-11.0	-5.5
2 Qtr.	4.4	-2.9	10.7	7.7	19.8	-1.9
3 Qtr.	-4.8	-13.5	2.5	8.9	16.3	3.5
4 Qtr.	7.3	-2.7	16.6	7.4	23.7	-5.4
2017 1 Qtr.	-2.2	-8.8	3.0	24.8	26.8	24.3
2 Qtr.	0.1	-4.0	3.3	-1.8	-12.3	9.0
3 Qtr.	-0.5	9.1	-7.4	1.3	-12.5	13.3
4 Qtr.	6.7	2.1	10.2	16.3	10.3	23.7
2018 1 Qtr.	24.4	35.6	16.6	3.6	2.9	3.1
2 Qtr.	21.0	16.6	24.2	7.6	7.6	7.8
3 Qtr.	2.2	17.1	-10.4	3.7	19.6	-8.5
4 Qtr.	-11.2	0.0	-19.2	-5.4	-0.3	-13.3
2019 1 Qtr.	-17.9	-13.3	-21.7	-5.3	-3.7	-7.8
2 Qtr.	-23.8	-3.0	-37.8	0.7	9.2	-10.1
3 Qtr.	5.2	-0.6	11.6	6.2	11.5	1.1
4 Qtr.	-1.8	15.1	-16.6	-0.3	-6.5	2.7
2020 1 Qtr.	0.7	7.5	-5.4	2.0	3.3	-0.9
2 Qtr.	-28.9	-10.7	-47.9	6.2	2.0	4.8
3 Qtr.	-15.2	3.9	-34.0	8.8	2.8	13.8
4 Qtr.	13.2	16.4	9.4	37.0	33.8	41.0
2021 1 Qtr.	32.7	39.4	25.9	59.4	73.7	36.6
2 Qtr.	93.2	62.3	148.5	45.5	61.3	30.5
3 Qtr.	33.7	23.6	49.3	38.6	61.9	7.2
4 Qtr.	-4.5	-1.3	-8.6	21.1	24.8	13.4
2022 1 Qtr.	-20.5	-9.7	-32.6	-6.2	-9.6	-8.5
2 Qtr.	-30.8	-24.5	-38.3	16.7	13.9	15.3
3 Qtr.	-40.7	-35.7	-47.1	-4.5	-14.3	13.5
4 Qtr.	-37.7	-24.9	-55.6	-10.0	-15.9	-4.7

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-32. KAUAI COUNTY HOME SALES BY TYPE OF HOME

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
2008	817	485	332	659,652	678,251	632,482
2009	775	360	415	524,259	542,024	508,848
2010	1,201	613	588	492,464	548,955	433,570
2011	901	413	488	460,104	581,917	357,013
2012	976	526	450	480,514	567,999	378,253
2013	872	519	353	541,203	601,035	453,234
2014	929	599	330	627,641	679,999	532,603
2015	750	460	290	717,287	768,638	635,833
2016	788	479	309	654,954	669,030	633,134
2017	863	528	335	611,043	662,046	530,656
2018	1,176	671	505	722,596	735,590	705,332
2019	1,148	653	495	716,973	722,315	709,925
2020	877	469	408	814,052	861,582	759,416
2021	1,406	807	599	1,146,798	1,236,389	1,026,096
2022	871	489	382	1,302,071	1,406,124	1,168,871
2008 1 Qtr.	219	126	93	750,313	726,701	782,304
2 Qtr.	223	123	100	684,113	707,440	655,422
3 Qtr.	184	111	73	654,594	740,461	524,029
4 Qtr.	191	125	66	532,014	545,450	506,567
2009 1 Qtr.	129	64	65	538,421	429,280	645,883
2 Qtr.	174	91	83	640,616	635,492	646,235
3 Qtr.	205	89	116	478,247	474,376	481,218
4 Qtr.	267	116	151	476,916	582,807	395,569
2010 1 Qtr.	249	138	111	475,968	570,775	358,100
2 Qtr.	319	149	170	464,673	530,082	407,345
3 Qtr.	316	155	161	479,026	537,774	422,466
4 Qtr.	317	171	146	546,782	557,926	533,729
2011 1 Qtr.	248	123	125	511,307	686,187	339,224
2 Qtr.	245	105	140	422,871	498,785	365,936
3 Qtr.	207	83	124	374,646	395,006	361,017
4 Qtr.	201	102	99	530,322	693,851	361,838
2012 1 Qtr.	198	95	103	444,501	480,591	411,214
2 Qtr.	242	114	128	477,933	536,990	425,335
3 Qtr.	201	98	103	487,724	662,376	321,551
4 Qtr.	335	219	116	499,338	579,826	347,383
2013 1 Qtr.	180	95	85	507,904	546,197	465,106
2 Qtr.	251	150	101	566,955	612,271	499,654
3 Qtr.	239	146	93	492,385	545,661	408,749
4 Qtr.	202	128	74	596,634	691,730	432,145
2014 1 Qtr.	214	144	70	506,627	497,044	526,341
2 Qtr.	254	159	95	690,506	778,727	542,852
3 Qtr.	216	137	79	518,079	535,756	487,425
4 Qtr.	245	159	86	764,762	871,251	567,881
2015 1 Qtr.	152	85	67	731,155	964,553	435,053
2 Qtr.	224	147	77	718,686	643,224	862,750
3 Qtr.	187	111	76	683,880	723,699	625,724
4 Qtr.	187	117	70	737,745	826,514	589,374
2016 1 Qtr.	188	116	72	666,693	738,139	551,587
2 Qtr.	180	115	65	790,860	761,640	842,556
3 Qtr.	224	128	96	582,382	568,499	600,893
4 Qtr.	196	120	76	601,821	620,705	572,003
2017 1 Qtr.	194	106	88	679,825	849,466	475,485
2 Qtr.	242	156	86	608,579	644,870	542,748
3 Qtr.	179	110	69	650,798	628,018	687,114
4 Qtr.	248	156	92	530,947	575,865	454,781
2018 1 Qtr.	250	166	84	657,155	643,527	684,087
2 Qtr.	322	186	136	699,116	696,392	702,842
3 Qtr.	318	168	150	717,263	746,956	684,007
4 Qtr.	286	151	135	812,167	872,437	744,753
2019 1 Qtr.	215	125	90	702,156	758,717	623,599
2 Qtr.	346	197	149	656,464	713,184	581,472
3 Qtr.	313	186	127	822,520	716,509	977,779
4 Qtr.	274	145	129	684,439	710,789	654,820
2020 1 Qtr.	212	112	100	791,124	776,047	808,010
2 Qtr.	175	95	80	616,859	687,369	533,129
3 Qtr.	213	105	108	802,205	957,908	650,828
4 Qtr.	277	157	120	965,290	963,594	967,509
2021 1 Qtr.	304	173	131	1,119,216	1,107,994	1,134,035
2 Qtr.	461	288	173	980,819	1,019,423	916,555
3 Qtr.	340	177	163	1,313,363	1,594,529	1,008,048
4 Qtr.	301	169	132	1,240,712	1,362,470	1,084,825
2022 1 Qtr.	263	146	117	1,286,029	1,221,079	1,367,078
2 Qtr.	259	158	101	1,409,510	1,554,514	1,182,671
3 Qtr.	188	99	89	1,205,635	1,389,896	1,000,671
4 Qtr.	161	86	75	1,268,047	1,466,329	1,040,684

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-32. KAUAI COUNTY HOME SALES BY TYPE OF HOME -- Con.

Year	Number of homes			Average price of homes (in dollars)		
	Total	Sing. family	Condo	Total	Sing. family	Condo
	Percentage change from previous period					
2009	-5.1	-25.8	25.0	-20.5	-20.1	-19.5
2010	55.0	70.3	41.7	-6.1	1.3	-14.8
2011	-25.0	-32.6	-17.0	-6.6	6.0	-17.7
2012	8.3	27.4	-7.8	4.4	-2.4	5.9
2013	-10.7	-1.3	-21.6	12.6	5.8	19.8
2014	6.5	15.4	-6.5	16.0	13.1	17.5
2015	-19.3	-23.2	-12.1	14.3	13.0	19.4
2016	5.1	4.1	6.6	-8.7	-13.0	-0.4
2017	9.5	10.2	8.4	-6.7	-1.0	-16.2
2018	36.3	27.1	50.7	18.3	11.1	32.9
2019	-2.4	-2.7	-2.0	-0.8	-1.8	0.7
2020	-23.6	-28.2	-17.6	13.5	19.3	7.0
2021	60.3	72.1	46.8	40.9	43.5	35.1
2022	-38.1	-39.4	-36.2	13.5	13.7	13.9
2009 1 Qtr.	-41.1	-49.2	-30.1	-28.2	-40.9	-17.4
2 Qtr.	-22.0	-26.0	-17.0	-6.4	-10.2	-1.4
3 Qtr.	11.4	-19.8	58.9	-26.9	-35.9	-8.2
4 Qtr.	39.8	-7.2	128.8	-10.4	6.8	-21.9
2010 1 Qtr.	93.0	115.6	70.8	-11.6	33.0	-44.6
2 Qtr.	83.3	63.7	104.8	-27.5	-16.6	-37.0
3 Qtr.	54.1	74.2	38.8	0.2	13.4	-12.2
4 Qtr.	18.7	47.4	-3.3	14.6	-4.3	34.9
2011 1 Qtr.	-0.4	-10.9	12.6	7.4	20.2	-5.3
2 Qtr.	-23.2	-29.5	-17.6	-9.0	-5.9	-10.2
3 Qtr.	-34.5	-46.5	-23.0	-21.8	-26.5	-14.5
4 Qtr.	-36.6	-40.4	-32.2	-3.0	24.4	-32.2
2012 1 Qtr.	-20.2	-22.8	-17.6	-13.1	-30.0	21.2
2 Qtr.	-1.2	8.6	-8.6	13.0	7.7	16.2
3 Qtr.	-2.9	18.1	-16.9	30.2	67.7	-10.9
4 Qtr.	66.7	114.7	17.2	-5.8	-16.4	-4.0
2013 1 Qtr.	-9.1	0.0	-17.5	14.3	13.7	13.1
2 Qtr.	3.7	31.6	-21.1	18.6	14.0	17.5
3 Qtr.	18.9	49.0	-9.7	1.0	-17.6	27.1
4 Qtr.	-39.7	-41.6	-36.2	19.5	19.3	24.4
2014 1 Qtr.	18.9	51.6	-17.6	-0.3	-9.0	13.2
2 Qtr.	1.2	6.0	-5.9	21.8	27.2	8.6
3 Qtr.	-9.6	-6.2	-15.1	5.2	-1.8	19.2
4 Qtr.	21.3	24.2	16.2	28.2	26.0	31.4
2015 1 Qtr.	-29.0	-41.0	-4.3	44.3	94.1	-17.3
2 Qtr.	-11.8	-7.5	-18.9	4.1	-17.4	58.9
3 Qtr.	-13.4	-19.0	-3.8	32.0	35.1	28.4
4 Qtr.	-23.7	-26.4	-18.6	-3.5	-5.1	3.8
2016 1 Qtr.	23.7	36.5	7.5	-8.8	-23.5	26.8
2 Qtr.	-19.6	-21.8	-15.6	10.0	18.4	-2.3
3 Qtr.	19.8	15.3	26.3	-14.8	-21.4	-4.0
4 Qtr.	4.8	2.6	8.6	-18.4	-24.9	-2.9
2017 1 Qtr.	3.2	-8.6	22.2	2.0	15.1	-13.8
2 Qtr.	34.4	35.7	32.3	-23.0	-15.3	-35.6
3 Qtr.	-20.1	-14.1	-28.1	11.7	10.5	14.3
4 Qtr.	26.5	30.0	21.1	-11.8	-7.2	-20.5
2018 1 Qtr.	28.9	56.6	-4.5	-3.3	-24.2	43.9
2 Qtr.	33.1	19.2	58.1	14.9	8.0	29.5
3 Qtr.	77.7	52.7	117.4	10.2	18.9	-0.5
4 Qtr.	15.3	-3.2	46.7	53.0	51.5	63.8
2019 1 Qtr.	-14.0	-24.7	7.1	6.8	17.9	-8.8
2 Qtr.	7.5	5.9	9.6	-6.1	2.4	-17.3
3 Qtr.	-1.6	10.7	-15.3	14.7	-4.1	42.9
4 Qtr.	-4.2	-4.0	-4.4	-15.7	-18.5	-12.1
2020 1 Qtr.	-1.4	-10.4	11.1	12.7	2.3	29.6
2 Qtr.	-49.4	-51.8	-46.3	-6.0	-3.6	-8.3
3 Qtr.	-31.9	-43.5	-15.0	-2.5	33.7	-33.4
4 Qtr.	1.1	8.3	-7.0	41.0	35.6	47.8
2021 1 Qtr.	43.4	54.5	31.0	41.5	42.8	40.3
2 Qtr.	163.4	203.2	116.3	59.0	48.3	71.9
3 Qtr.	59.6	68.6	50.9	63.7	66.5	54.9
4 Qtr.	8.7	7.6	10.0	28.5	41.4	12.1
2022 1 Qtr.	-13.5	-15.6	-10.7	14.9	10.2	20.5
2 Qtr.	-43.8	-45.1	-41.6	43.7	52.5	29.0
3 Qtr.	-44.7	-44.1	-45.4	-8.2	-12.8	-0.7
4 Qtr.	-46.5	-49.1	-43.2	2.2	7.6	-4.1

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-33. HOME SALES BY ORIGIN OF BUYER - HONOLULU

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	9,599	1,637	466	490,875	632,444	500,617
2009	7,848	1,195	354	464,167	520,584	967,636
2010	9,126	1,797	352	516,594	561,082	1,018,012
2011	8,532	1,357	455	483,395	469,342	864,487
2012	8,600	887	396	510,258	617,667	721,638
2013	9,948	1,070	355	531,597	634,653	756,068
2014	10,079	1,098	391	572,991	702,865	1,020,946
2015	11,470	1,299	445	572,646	645,150	703,436
2016	11,578	1,221	703	634,736	720,084	1,283,884
2017	11,978	1,214	561	685,414	808,613	1,361,971
2018	11,052	1,202	739	705,448	898,862	1,253,924
2019	10,933	1,204	416	677,292	751,161	1,008,848
2020	10,085	896	165	713,090	880,938	1,029,211
2021	13,420	1,991	330	779,073	945,487	1,152,692
2022	11,124	1,970	373	838,896	982,279	1,203,795
2008 1 Qtr.	2,452	406	121	492,895	611,263	444,479
2 Qtr.	2,957	609	183	473,770	582,280	447,487
3 Qtr.	2,412	385	123	500,283	793,850	592,681
4 Qtr.	1,778	237	39	503,775	535,435	633,735
2009 1 Qtr.	1,535	262	47	425,178	556,920	443,335
2 Qtr.	1,812	261	43	453,620	550,912	390,705
3 Qtr.	2,084	356	60	477,087	464,821	767,450
4 Qtr.	2,417	316	204	485,697	528,230	1,268,917
2010 1 Qtr.	1,864	304	64	485,642	516,785	538,440
2 Qtr.	2,715	443	106	506,656	569,915	1,068,345
3 Qtr.	2,233	523	90	551,983	545,770	1,184,841
4 Qtr.	2,314	527	92	519,035	594,405	1,130,433
2011 1 Qtr.	1,845	336	129	472,532	520,582	1,067,945
2 Qtr.	2,119	413	109	482,874	487,602	772,007
3 Qtr.	2,153	357	100	476,928	443,419	798,672
4 Qtr.	2,415	251	117	497,917	407,574	782,569
2012 1 Qtr.	1,668	202	74	487,191	590,131	726,476
2 Qtr.	2,034	210	107	494,213	570,119	618,212
3 Qtr.	2,273	203	96	511,384	576,956	686,970
4 Qtr.	2,625	272	119	536,372	705,209	839,593
2013 1 Qtr.	2,133	232	94	501,370	603,374	766,917
2 Qtr.	2,612	280	103	528,008	572,217	673,940
3 Qtr.	2,747	342	78	538,919	657,754	899,219
4 Qtr.	2,456	216	80	553,478	712,609	709,491
2014 1 Qtr.	2,060	253	87	568,111	638,069	916,583
2 Qtr.	2,511	312	78	550,049	799,497	787,044
3 Qtr.	2,639	264	75	554,235	595,349	875,580
4 Qtr.	2,869	269	151	613,827	757,244	1,274,099
2015 1 Qtr.	2,533	326	151	583,994	736,655	665,847
2 Qtr.	3,285	363	119	545,196	570,517	690,239
3 Qtr.	3,129	306	93	576,010	656,088	728,820
4 Qtr.	2,523	304	82	592,823	625,131	763,015
2016 1 Qtr.	2,341	274	245	597,780	687,025	1,406,227
2 Qtr.	3,145	346	142	618,423	734,265	896,610
3 Qtr.	2,931	283	147	610,209	725,626	888,480
4 Qtr.	3,161	318	169	701,076	728,209	1,775,859
2017 1 Qtr.	2,835	285	96	633,030	697,448	1,172,021
2 Qtr.	2,895	325	119	614,158	727,112	727,894
3 Qtr.	3,045	308	129	672,128	787,285	1,740,550
4 Qtr.	3,203	296	217	808,814	1,027,324	1,568,671
2018 1 Qtr.	2,268	267	141	733,842	873,808	1,264,616
2 Qtr.	2,686	308	117	734,109	943,103	1,310,184
3 Qtr.	2,892	309	278	695,443	1,029,504	1,135,163
4 Qtr.	3,206	318	203	670,374	750,103	1,376,710
2019 1 Qtr.	2,254	295	129	688,570	731,488	979,347
2 Qtr.	3,213	330	92	627,929	727,534	1,101,463
3 Qtr.	2,894	298	87	707,450	750,060	1,105,099
4 Qtr.	2,572	281	108	695,142	800,730	887,656
2020 1 Qtr.	2,230	242	67	671,372	773,844	972,088
2 Qtr.	2,011	157	38	723,142	1,099,821	1,162,091
3 Qtr.	2,828	226	25	706,031	969,181	1,106,125
4 Qtr.	3,016	271	35	743,853	776,177	939,352
2021 1 Qtr.	2,644	418	36	733,692	854,644	1,249,875
2 Qtr.	3,427	559	86	773,310	864,413	893,537
3 Qtr.	3,522	518	87	803,099	1,021,522	1,307,815
4 Qtr.	3,827	496	121	793,476	1,034,007	1,196,436
2022 1 Qtr.	2,841	506	47	852,387	1,027,330	1,027,083
2 Qtr.	3,287	621	74	824,020	1,093,267	1,092,656
3 Qtr.	2,986	467	169	841,130	806,495	1,166,186
4 Qtr.	2,010	376	83	840,835	956,673	1,479,528

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-33. HOME SALES BY ORIGIN OF BUYER - HONOLULU -- Con

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
	Percentage change from previous period					
2009	-18.2	-27.0	-24.0	-5.4	-17.7	93.3
2010	16.3	50.4	-0.6	11.3	7.8	5.2
2011	-6.5	-24.5	29.3	-6.4	-16.4	-15.1
2012	0.8	-34.6	-13.0	5.6	31.6	-16.5
2013	15.7	20.6	-10.4	4.2	2.8	4.8
2014	1.3	2.6	10.1	7.8	10.7	35.0
2015	13.8	18.3	13.8	-0.1	-8.2	-31.1
2016	0.9	-6.0	58.0	10.8	11.6	82.5
2017	3.5	-0.6	-20.2	8.0	12.3	6.1
2018	-7.7	-1.0	31.7	2.9	11.2	-7.9
2019	-1.1	0.2	-43.7	-4.0	-16.4	-19.5
2020	-7.8	-25.6	-60.3	5.3	17.3	2.0
2021	33.1	122.2	100.0	9.3	7.3	12.0
2022	-17.1	-1.1	13.0	7.7	3.9	4.4
2009 1 Qtr.	-37.4	-35.5	-61.2	-13.7	-8.9	-0.3
2 Qtr.	-38.7	-57.1	-76.5	-4.3	-5.4	-12.7
3 Qtr.	-13.6	-7.5	-51.2	-4.6	-41.4	29.5
4 Qtr.	35.9	33.3	423.1	-3.6	-1.3	100.2
2010 1 Qtr.	21.4	16.0	36.2	14.2	-7.2	21.5
2 Qtr.	49.8	69.7	146.5	11.7	3.4	173.4
3 Qtr.	7.1	46.9	50.0	15.7	17.4	54.4
4 Qtr.	-4.3	66.8	-54.9	6.9	12.5	-10.9
2011 1 Qtr.	-1.0	10.5	101.6	-2.7	0.7	98.3
2 Qtr.	-22.0	-6.8	2.8	-4.7	-14.4	-27.7
3 Qtr.	-3.6	-31.7	11.1	-13.6	-18.8	-32.6
4 Qtr.	4.4	-52.4	27.2	-4.1	-31.4	-30.8
2012 1 Qtr.	-9.6	-39.9	-42.6	3.1	13.4	-32.0
2 Qtr.	-4.0	-49.2	-1.8	2.3	16.9	-19.9
3 Qtr.	5.6	-43.1	-4.0	7.2	30.1	-14.0
4 Qtr.	8.7	8.4	1.7	7.7	73.0	7.3
2013 1 Qtr.	27.9	14.9	27.0	2.9	2.2	5.6
2 Qtr.	28.4	33.3	-3.7	6.8	0.4	9.0
3 Qtr.	20.9	68.5	-18.8	5.4	14.0	30.9
4 Qtr.	-6.4	-20.6	-32.8	3.2	1.0	-15.5
2014 1 Qtr.	-3.4	9.1	-7.4	13.3	5.8	19.5
2 Qtr.	-3.9	11.4	-24.3	4.2	39.7	16.8
3 Qtr.	-3.9	-22.8	-3.8	2.8	-9.5	-2.6
4 Qtr.	16.8	24.5	88.8	10.9	6.3	79.6
2015 1 Qtr.	23.0	28.9	73.6	2.8	15.5	-27.4
2 Qtr.	30.8	16.3	52.6	-0.9	-28.6	-12.3
3 Qtr.	18.6	15.9	24.0	3.9	10.2	-16.8
4 Qtr.	-12.1	13.0	-45.7	-3.4	-17.4	-40.1
2016 1 Qtr.	-7.6	-16.0	62.3	2.4	-6.7	111.2
2 Qtr.	-4.3	-4.7	19.3	13.4	28.7	29.9
3 Qtr.	-6.3	-7.5	58.1	5.9	10.6	21.9
4 Qtr.	25.3	4.6	106.1	18.3	16.5	132.7
2017 1 Qtr.	21.1	4.0	-60.8	5.9	1.5	-16.7
2 Qtr.	-7.9	-6.1	-16.2	-0.7	-1.0	-18.8
3 Qtr.	3.9	8.8	-12.2	10.1	8.5	95.9
4 Qtr.	1.3	-6.9	28.4	15.4	41.1	-11.7
2018 1 Qtr.	-20.0	-6.3	46.9	15.9	25.3	7.9
2 Qtr.	-7.2	-5.2	-1.7	19.5	29.7	80.0
3 Qtr.	-5.0	0.3	115.5	3.5	30.8	-34.8
4 Qtr.	0.1	7.4	-6.5	-17.1	-27.0	-12.2
2019 1 Qtr.	-0.6	10.5	-8.5	-6.2	-16.3	-22.6
2 Qtr.	19.6	7.1	-21.4	-14.5	-22.9	-15.9
3 Qtr.	0.1	-3.6	-68.7	1.7	-27.1	-2.6
4 Qtr.	-19.8	-11.6	-46.8	3.7	6.7	-35.5
2020 1 Qtr.	-1.1	-18.0	-48.1	-2.5	5.8	-0.7
2 Qtr.	-37.4	-52.4	-58.7	15.2	51.2	5.5
3 Qtr.	-2.3	-24.2	-71.3	-0.2	29.2	0.1
4 Qtr.	17.3	-3.6	-67.6	7.0	-3.1	5.8
2021 1 Qtr.	18.6	72.7	-46.3	9.3	10.4	28.6
2 Qtr.	70.4	256.1	126.3	6.9	-21.4	-23.1
3 Qtr.	24.5	129.2	248.0	13.7	5.4	18.2
4 Qtr.	26.9	83.0	245.7	6.7	33.2	27.4
2022 1 Qtr.	7.5	21.1	30.6	16.2	20.2	-17.8
2 Qtr.	-4.1	11.1	-14.0	6.6	26.5	22.3
3 Qtr.	-15.2	-9.8	94.3	4.7	-21.0	-10.8
4 Qtr.	-47.5	-24.2	-31.4	6.0	-7.5	23.7

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-34. HOME SALES BY ORIGIN OF BUYER - HAWAII

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	2,310	1,532	118	310,214	424,666	530,815
2009	2,106	1,530	98	236,140	390,633	525,523
2010	2,961	2,071	241	228,458	419,307	351,348
2011	1,579	1,258	89	219,637	493,936	555,401
2012	1,688	978	110	217,804	539,738	618,388
2013	1,543	1,172	110	304,222	645,761	876,130
2014	1,543	1,094	88	335,583	684,175	822,233
2015	1,714	1,066	42	393,737	731,083	991,329
2016	1,812	1,119	37	365,097	772,918	1,107,271
2017	1,875	1,312	66	368,212	816,553	909,738
2018	2,002	1,329	81	394,462	704,015	1,343,418
2019	2,404	1,419	66	375,371	728,322	1,008,840
2020	2,781	1,383	44	381,656	904,828	1,402,448
2021	3,421	2,228	75	420,565	1,073,909	1,194,881
2022	2,874	1,764	50	433,299	1,010,326	1,829,895
2008 1 Qtr.	591	398	33	323,600	500,494	637,444
2 Qtr.	635	441	32	361,464	458,423	428,636
3 Qtr.	546	395	33	245,721	307,741	372,760
4 Qtr.	538	298	20	300,474	428,420	779,155
2009 1 Qtr.	413	310	25	229,652	340,788	299,597
2 Qtr.	553	345	16	264,856	365,418	428,503
3 Qtr.	574	396	28	211,361	404,049	605,188
4 Qtr.	566	479	29	237,948	429,962	696,898
2010 1 Qtr.	522	431	115	293,092	455,122	313,092
2 Qtr.	764	635	65	218,085	454,481	325,577
3 Qtr.	808	581	32	236,455	402,292	383,541
4 Qtr.	867	424	29	191,231	353,535	525,295
2011 1 Qtr.	398	332	18	211,368	506,616	771,981
2 Qtr.	441	369	29	220,428	449,695	416,100
3 Qtr.	388	309	21	214,821	546,900	506,626
4 Qtr.	352	248	21	233,303	476,800	610,905
2012 1 Qtr.	380	221	36	180,601	497,738	434,038
2 Qtr.	504	300	35	175,762	641,075	761,474
3 Qtr.	411	220	17	242,013	462,169	510,125
4 Qtr.	393	237	22	282,376	522,633	776,073
2013 1 Qtr.	300	238	26	274,780	762,220	861,031
2 Qtr.	391	354	31	307,609	743,540	656,466
3 Qtr.	447	310	20	329,790	558,964	1,418,215
4 Qtr.	405	270	33	294,541	514,560	765,840
2014 1 Qtr.	348	274	19	303,355	630,137	1,223,396
2 Qtr.	365	346	32	400,627	711,293	682,612
3 Qtr.	393	262	21	318,267	597,918	841,527
4 Qtr.	437	212	16	322,493	816,360	599,769
2015 1 Qtr.	401	298	12	348,881	697,842	1,459,578
2 Qtr.	443	283	11	413,505	628,123	734,182
3 Qtr.	426	240	14	412,396	821,270	749,990
4 Qtr.	444	245	5	396,622	802,097	1,109,000
2016 1 Qtr.	423	267	12	328,761	802,016	813,958
2 Qtr.	459	329	10	340,216	854,887	1,154,728
3 Qtr.	498	260	8	343,721	783,312	1,756,042
4 Qtr.	432	263	7	451,754	630,563	800,843
2017 1 Qtr.	454	308	12	363,514	725,176	444,544
2 Qtr.	523	456	22	373,405	806,963	876,045
3 Qtr.	435	277	12	354,686	926,784	921,238
4 Qtr.	463	271	20	379,659	823,868	1,219,015
2018 1 Qtr.	520	336	23	384,492	685,923	1,749,751
2 Qtr.	507	393	21	417,796	732,146	1,205,107
3 Qtr.	496	312	16	380,213	655,305	1,355,728
4 Qtr.	479	288	21	395,343	739,505	1,027,318
2019 1 Qtr.	457	310	15	376,890	760,328	538,949
2 Qtr.	577	403	17	421,455	685,184	992,788
3 Qtr.	643	375	17	342,588	777,048	768,031
4 Qtr.	727	331	17	366,835	695,666	1,680,310
2020 1 Qtr.	646	374	16	384,880	809,779	980,323
2 Qtr.	480	231	11	312,707	762,988	1,520,864
3 Qtr.	741	335	5	389,127	821,482	1,040,706
4 Qtr.	914	443	12	409,530	1,122,061	2,007,458
2021 1 Qtr.	810	575	20	420,085	1,145,291	1,337,645
2 Qtr.	898	667	30	410,639	1,085,460	1,097,769
3 Qtr.	882	507	13	397,204	958,321	1,655,000
4 Qtr.	831	479	12	456,555	1,094,480	701,258
2022 1 Qtr.	841	526	14	421,680	1,003,868	1,206,157
2 Qtr.	787	588	20	441,796	1,180,659	2,203,302
3 Qtr.	671	380	10	439,680	940,166	2,591,550
4 Qtr.	575	270	6	431,218	750,702	771,167

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-34. HOME SALES BY ORIGIN OF BUYER - HAWAII -- Con.

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
	Percentage change from previous period					
2009	-8.8	-0.1	-16.9	-23.9	-8.0	-1.0
2010	40.6	35.4	145.9	-3.3	7.3	-33.1
2011	-46.7	-39.3	-63.1	-3.9	17.8	58.1
2012	6.9	-22.3	23.6	-0.8	9.3	11.3
2013	-8.6	19.8	0.0	39.7	19.6	41.7
2014	0.0	-6.7	-20.0	10.3	5.9	-6.2
2015	11.1	-2.6	-52.3	17.3	6.9	20.6
2016	5.7	5.0	-11.9	-7.3	5.7	11.7
2017	3.5	17.2	78.4	0.9	5.6	-17.8
2018	6.8	1.3	22.7	7.1	-13.8	47.7
2019	20.1	6.8	-18.5	-4.8	3.5	-24.9
2020	15.7	-2.5	-33.3	1.7	24.2	39.0
2021	23.0	61.1	70.5	10.2	18.7	-14.8
2022	386.3	343.2	51.5	33.9	101.9	187.1
2009 1 Qtr.	-30.1	-22.1	-24.2	-29.0	-31.9	-53.0
2 Qtr.	-12.9	-21.8	-50.0	-26.7	-20.3	0.0
3 Qtr.	5.1	0.3	-15.2	-14.0	31.3	62.4
4 Qtr.	5.2	60.7	45.0	-20.8	0.4	-10.6
2010 1 Qtr.	26.4	39.0	360.0	27.6	33.5	4.5
2 Qtr.	38.2	84.1	306.3	-17.7	24.4	-24.0
3 Qtr.	40.8	46.7	14.3	11.9	-0.4	-36.6
4 Qtr.	53.2	-11.5	0.0	-19.6	-17.8	-24.6
2011 1 Qtr.	-23.8	-23.0	-84.3	-27.9	11.3	146.6
2 Qtr.	-42.3	-41.9	-55.4	1.1	-1.1	27.8
3 Qtr.	-52.0	-46.8	-34.4	-9.1	35.9	32.1
4 Qtr.	-59.4	-41.5	-27.6	22.0	34.9	16.3
2012 1 Qtr.	-4.5	-33.4	100.0	-14.6	-1.8	-43.8
2 Qtr.	14.3	-18.7	20.7	-20.3	42.6	83.0
3 Qtr.	5.9	-28.8	-19.0	12.7	-15.5	0.7
4 Qtr.	11.6	-4.4	4.8	21.0	9.6	27.0
2013 1 Qtr.	-21.1	7.7	-27.8	52.1	53.1	98.4
2 Qtr.	-22.4	18.0	-11.4	75.0	16.0	-13.8
3 Qtr.	8.8	40.9	17.6	36.3	20.9	178.0
4 Qtr.	3.1	13.9	50.0	4.3	-1.5	-1.3
2014 1 Qtr.	16.0	15.1	-26.9	10.4	-17.3	42.1
2 Qtr.	-6.6	-2.3	3.2	30.2	-4.3	4.0
3 Qtr.	-12.1	-15.5	5.0	-3.5	7.0	-40.7
4 Qtr.	7.9	-21.5	-51.5	9.5	58.7	-21.7
2015 1 Qtr.	15.2	8.8	-36.8	15.0	10.7	19.3
2 Qtr.	21.4	-18.2	-65.6	3.2	-11.7	7.6
3 Qtr.	8.4	-8.4	-33.3	29.6	37.4	-10.9
4 Qtr.	1.6	15.6	-68.8	23.0	-1.7	84.9
2016 1 Qtr.	5.5	-10.4	0.0	-5.8	14.9	-44.2
2 Qtr.	3.6	16.3	-9.1	-17.7	36.1	57.3
3 Qtr.	16.9	8.3	-42.9	-16.7	-4.6	134.1
4 Qtr.	-2.7	7.3	40.0	13.9	-21.4	-27.8
2017 1 Qtr.	7.3	15.4	0.0	10.6	-9.6	-45.4
2 Qtr.	13.9	38.6	120.0	9.8	-5.6	-24.1
3 Qtr.	-12.7	6.5	50.0	3.2	18.3	-47.5
4 Qtr.	7.2	3.0	185.7	-16.0	30.7	52.2
2018 1 Qtr.	14.5	9.1	91.7	5.8	-5.4	293.6
2 Qtr.	-3.1	-13.8	-4.5	11.9	-9.3	37.6
3 Qtr.	14.0	12.6	33.3	7.2	-29.3	47.2
4 Qtr.	3.5	6.3	5.0	4.1	-10.2	-15.7
2019 1 Qtr.	-12.1	-7.7	-34.8	-2.0	10.8	-69.2
2 Qtr.	13.8	2.5	-19.0	0.9	-6.4	-17.6
3 Qtr.	29.6	20.2	6.3	-9.9	18.6	-43.3
4 Qtr.	51.8	14.9	-19.0	-7.2	-5.9	63.6
2020 1 Qtr.	41.4	20.6	6.7	2.1	6.5	81.9
2 Qtr.	-16.8	-42.7	-35.3	-25.8	11.4	53.2
3 Qtr.	15.2	-10.7	-70.6	13.6	5.7	35.5
4 Qtr.	25.7	33.8	-29.4	11.6	61.3	19.5
2021 1 Qtr.	25.4	53.7	25.0	9.1	41.4	36.4
2 Qtr.	87.1	188.7	172.7	31.3	42.3	-27.8
3 Qtr.	19.0	51.3	160.0	2.1	16.7	59.0
4 Qtr.	-9.1	8.1	0.0	11.5	-2.5	-65.1
2022 1 Qtr.	3.8	-8.5	-30.0	0.4	-12.3	-9.8
2 Qtr.	-12.4	-11.8	-33.3	7.6	8.8	100.7
3 Qtr.	-23.9	-25.0	-23.1	10.7	-1.9	56.6
4 Qtr.	-30.8	-43.6	-50.0	-5.5	-31.4	10.0

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-35. HOME SALES BY ORIGIN OF BUYER - MAUI

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	1,281	890	163	566,659	1,003,421	1,065,753
2009	1,106	1,037	139	488,117	700,054	871,373
2010	1,380	1,768	270	460,187	619,190	954,224
2011	1,331	1,316	274	400,964	533,555	794,261
2012	1,212	1,121	252	413,005	588,005	730,817
2013	1,393	1,174	197	455,623	706,670	858,267
2014	1,230	1,149	112	481,694	838,211	945,387
2015	1,392	1,090	87	522,070	818,362	1,091,288
2016	1,428	1,077	71	537,552	879,948	1,084,852
2017	1,450	1,076	79	561,784	998,129	1,140,488
2018	1,768	964	96	623,047	1,020,893	1,153,351
2019	1,760	712	48	648,012	1,045,693	1,647,725
2020	1,629	656	33	724,193	1,276,787	1,560,415
2021	1,975	1,069	55	978,509	1,665,497	1,792,832
2022	1,390	677	38	982,804	1,640,098	2,831,073
2008 1 Qtr.	318	285	59	636,720	1,081,264	971,355
2 Qtr.	335	239	63	564,969	1,106,464	1,058,595
3 Qtr.	317	198	25	546,713	1,071,621	1,241,840
4 Qtr.	311	168	16	517,170	644,396	1,166,896
2009 1 Qtr.	241	283	41	510,358	804,945	1,203,964
2 Qtr.	247	227	24	532,158	741,214	901,389
3 Qtr.	274	242	37	418,462	502,243	507,664
4 Qtr.	344	285	37	496,395	731,081	847,066
2010 1 Qtr.	300	347	85	428,227	672,257	981,970
2 Qtr.	367	543	98	507,135	636,673	1,080,110
3 Qtr.	342	477	41	463,924	583,358	579,218
4 Qtr.	371	401	46	436,142	592,217	969,005
2011 1 Qtr.	293	345	67	398,923	511,961	713,199
2 Qtr.	342	354	91	375,704	598,905	1,070,554
3 Qtr.	362	315	71	422,192	534,055	638,945
4 Qtr.	334	302	45	405,611	481,099	601,279
2012 1 Qtr.	251	293	90	370,776	476,468	746,773
2 Qtr.	297	307	73	388,125	632,434	780,840
3 Qtr.	270	222	39	400,046	582,217	805,869
4 Qtr.	394	299	50	467,542	655,983	570,521
2013 1 Qtr.	289	245	44	450,938	689,867	692,836
2 Qtr.	385	356	70	504,728	631,551	876,666
3 Qtr.	379	297	44	415,514	674,582	929,818
4 Qtr.	340	276	39	448,709	853,010	931,157
2014 1 Qtr.	277	302	39	457,696	875,850	1,006,188
2 Qtr.	339	345	33	468,817	855,549	816,939
3 Qtr.	329	252	17	493,035	865,871	812,824
4 Qtr.	285	250	23	507,244	740,934	1,124,565
2015 1 Qtr.	295	303	33	525,196	734,284	1,290,055
2 Qtr.	362	281	21	538,554	854,573	844,202
3 Qtr.	378	268	14	478,831	928,499	1,008,143
4 Qtr.	357	238	19	548,556	758,632	1,080,420
2016 1 Qtr.	332	249	15	483,514	749,025	1,259,978
2 Qtr.	361	312	20	529,337	948,878	1,087,788
3 Qtr.	337	275	16	524,025	951,838	1,352,844
4 Qtr.	398	241	20	601,535	843,946	736,179
2017 1 Qtr.	324	234	25	582,482	988,138	1,077,935
2 Qtr.	359	315	20	545,668	899,904	1,057,551
3 Qtr.	343	265	17	544,004	962,005	1,310,332
4 Qtr.	424	262	17	573,996	1,161,685	1,160,206
2018 1 Qtr.	415	271	39	656,235	956,733	1,131,865
2 Qtr.	488	324	28	613,804	977,633	1,278,394
3 Qtr.	438	186	15	616,312	1,099,583	1,160,290
4 Qtr.	427	183	14	608,263	1,112,517	955,681
2019 1 Qtr.	382	195	18	592,710	988,285	1,566,667
2 Qtr.	441	191	8	672,445	989,237	1,851,250
3 Qtr.	471	193	8	677,916	1,100,653	2,220,612
4 Qtr.	466	133	14	639,997	1,131,187	1,308,279
2020 1 Qtr.	407	180	12	645,872	983,170	1,635,561
2 Qtr.	330	120	5	698,546	1,188,029	939,184
3 Qtr.	420	145	5	675,422	1,473,410	1,967,930
4 Qtr.	472	211	11	853,058	1,442,626	1,575,581
2021 1 Qtr.	488	289	18	1,091,836	1,444,789	1,206,833
2 Qtr.	564	306	9	933,678	1,674,469	2,533,086
3 Qtr.	479	264	19	921,194	1,767,267	1,675,211
4 Qtr.	444	210	9	972,733	1,828,223	2,472,889
2021 1 Qtr.	409	209	14	927,278	1,466,237	2,782,966
2 Qtr.	355	240	13	1,093,139	1,830,753	2,293,538
3 Qtr.	315	132	5	1,010,117	1,425,417	5,231,650
4 Qtr.	311	96	6	902,217	1,837,158	2,107,500

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-35. HOME SALES BY ORIGIN OF BUYER - MAUI -- Con.

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
	Percentage change from previous period					
2009	-13.7	16.5	-14.7	-13.9	-30.2	-18.2
2010	24.8	70.5	94.2	-5.7	-11.6	9.5
2011	-3.6	-25.6	1.5	-12.9	-13.8	-16.8
2012	-8.9	-14.8	-8.0	3.0	10.2	-8.0
2013	14.9	4.7	-21.8	10.3	20.2	17.4
2014	-11.7	-2.1	-43.1	5.7	18.6	10.2
2015	13.2	-5.1	-22.3	8.4	-2.4	15.4
2016	2.6	-1.2	-18.4	3.0	7.5	-0.6
2017	1.5	-0.1	11.3	4.5	13.4	5.1
2018	21.9	-10.4	21.5	10.9	2.3	1.1
2019	-0.5	-26.1	-50.0	4.0	2.4	42.9
2020	-7.4	-7.9	-31.3	11.8	22.1	-5.3
2021	21.2	63.0	66.7	35.1	30.4	14.9
2022	-29.6	-36.7	-30.9	0.4	-1.5	57.9
2009 1 Qtr.	-24.2	-0.7	-30.5	-19.8	-25.6	23.9
2 Qtr.	-26.3	-5.0	-61.9	-5.8	-33.0	-14.9
3 Qtr.	-13.6	22.2	48.0	-23.5	-53.1	-59.1
4 Qtr.	10.6	69.6	131.3	-4.0	13.5	-27.4
2010 1 Qtr.	24.5	22.6	107.3	-16.1	-16.5	-18.4
2 Qtr.	48.6	139.2	308.3	-4.7	-14.1	19.8
3 Qtr.	24.8	97.1	10.8	10.9	16.2	14.1
4 Qtr.	7.8	40.7	24.3	-12.1	-19.0	14.4
2011 1 Qtr.	-2.3	-0.6	-21.2	-6.8	-23.8	-27.4
2 Qtr.	-6.8	-34.8	-7.1	-25.9	-5.9	-0.9
3 Qtr.	5.8	-34.0	73.2	-9.0	-8.5	10.3
4 Qtr.	-10.0	-24.7	-2.2	-7.0	-18.8	-37.9
2012 1 Qtr.	-14.3	-15.1	34.3	-7.1	-6.9	4.7
2 Qtr.	-13.2	-13.3	-19.8	3.3	5.6	-27.1
3 Qtr.	-25.4	-29.5	-45.1	-5.2	9.0	26.1
4 Qtr.	18.0	-1.0	11.1	15.3	36.4	-5.1
2013 1 Qtr.	15.1	-16.4	-51.1	21.6	44.8	-7.2
2 Qtr.	29.6	16.0	-4.1	30.0	-0.1	12.3
3 Qtr.	40.4	33.8	12.8	3.9	15.9	15.4
4 Qtr.	-13.7	-7.7	-22.0	-4.0	30.0	63.2
2014 1 Qtr.	-4.2	23.3	-11.4	1.5	27.0	45.2
2 Qtr.	-11.9	-3.1	-52.9	-7.1	35.5	-6.8
3 Qtr.	-13.2	-15.2	-61.4	18.7	28.4	-12.6
4 Qtr.	-16.2	-9.4	-41.0	13.0	-13.1	20.8
2015 1 Qtr.	6.5	0.3	-15.4	14.7	-16.2	28.2
2 Qtr.	6.8	-18.6	-36.4	14.9	-0.1	3.3
3 Qtr.	14.9	6.3	-17.6	-2.9	7.2	24.0
4 Qtr.	25.3	-4.8	-17.4	8.1	2.4	-3.9
2016 1 Qtr.	12.5	-17.8	-54.5	-7.9	2.0	-2.3
2 Qtr.	-0.3	11.0	-4.8	-1.7	11.0	28.9
3 Qtr.	-10.8	2.6	14.3	9.4	2.5	34.2
4 Qtr.	11.5	1.3	5.3	9.7	11.2	-31.9
2017 1 Qtr.	-2.4	-6.0	66.7	20.5	31.9	-14.4
2 Qtr.	-0.6	1.0	0.0	3.1	-5.2	-2.8
3 Qtr.	1.8	-3.6	6.3	3.8	1.1	-3.1
4 Qtr.	6.5	8.7	-15.0	-4.6	37.6	57.6
2018 1 Qtr.	28.1	15.8	56.0	12.7	-3.2	5.0
2 Qtr.	35.9	2.9	40.0	12.5	8.6	20.9
3 Qtr.	27.7	-29.8	-11.8	13.3	14.3	-11.5
4 Qtr.	0.7	-30.2	-17.6	6.0	-4.2	-17.6
2019 1 Qtr.	-8.0	-28.0	-53.8	-9.7	3.3	38.4
2 Qtr.	-9.6	-41.0	-71.4	9.6	1.2	44.8
3 Qtr.	7.5	3.8	-46.7	10.0	0.1	91.4
4 Qtr.	9.1	-27.3	0.0	5.2	1.7	36.9
2020 1 Qtr.	6.5	-7.7	-33.3	9.0	-0.5	4.4
2 Qtr.	-25.2	-37.2	-37.5	3.9	20.1	-49.3
3 Qtr.	-10.8	-24.9	-37.5	-0.4	33.9	-11.4
4 Qtr.	1.3	58.6	-21.4	33.3	27.5	20.4
2021 1 Qtr.	19.9	60.6	50.0	69.0	47.0	-26.2
2 Qtr.	70.9	155.0	80.0	33.7	40.9	169.7
3 Qtr.	14.0	82.1	280.0	36.4	19.9	-14.9
4 Qtr.	-5.9	-0.5	-18.2	14.0	26.7	57.0
2022 1 Qtr.	-16.2	-27.7	-22.2	-15.1	1.5	130.6
2 Qtr.	-37.1	-21.6	44.4	17.1	9.3	-9.5
3 Qtr.	-34.2	-50.0	-73.7	9.7	-19.3	212.3
4 Qtr.	-30.0	-54.3	-33.3	-7.2	0.5	-14.8

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-36. HOME SALES BY ORIGIN OF BUYER - KAUAI

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
2008	426	368	23	482,127	856,850	792,565
2009	366	401	8	407,776	629,719	567,155
2010	602	571	28	404,711	587,416	442,802
2011	447	418	36	336,439	591,219	473,227
2012	517	420	39	387,210	587,659	563,517
2013	494	359	19	452,599	666,296	481,291
2014	603	314	12	484,858	902,864	600,833
2015	501	243	6	527,757	1,105,254	830,333
2016	493	285	10	505,950	890,118	1,298,643
2017	532	315	16	474,700	848,181	475,781
2018	703	461	12	576,855	933,613	1,154,042
2019	726	412	10	563,867	987,369	692,130
2020	586	290	1	652,267	1,134,725	2,625,000
2021	880	518	8	787,916	1,749,830	1,577,375
2022	535	324	12	916,197	1,949,351	1,029,044
2008 1 Qtr.	114	102	3	564,437	953,184	916,000
2 Qtr.	115	98	10	551,955	823,148	841,400
3 Qtr.	90	86	8	399,290	910,374	777,125
4 Qtr.	107	82	2	389,058	721,164	425,000
2009 1 Qtr.	63	63	3	365,373	721,949	318,333
2 Qtr.	85	87	2	400,454	883,836	267,500
3 Qtr.	89	115	1	393,572	534,108	1,590,400
4 Qtr.	129	136	2	443,110	505,283	728,420
2010 1 Qtr.	131	110	8	414,202	546,491	517,692
2 Qtr.	157	157	5	356,765	571,884	486,600
3 Qtr.	147	163	6	416,620	543,711	250,678
4 Qtr.	167	141	9	431,858	687,161	479,984
2011 1 Qtr.	130	103	15	345,473	735,930	406,115
2 Qtr.	110	127	8	295,169	523,279	584,817
3 Qtr.	100	103	4	309,494	420,314	827,483
4 Qtr.	107	85	9	393,072	724,471	328,444
2012 1 Qtr.	100	89	9	335,668	583,079	283,363
2 Qtr.	119	105	18	363,502	605,844	488,300
3 Qtr.	101	94	6	502,834	477,568	392,500
4 Qtr.	197	132	6	368,416	654,680	1,380,419
2013 1 Qtr.	86	89	5	440,618	572,450	516,307
2 Qtr.	142	101	8	474,876	707,222	430,500
3 Qtr.	146	88	5	438,340	579,687	534,000
4 Qtr.	120	81	1	452,173	812,474	449,000
2014 1 Qtr.	128	83	3	422,617	624,751	823,000
2 Qtr.	161	87	6	445,134	1,147,125	653,667
3 Qtr.	146	68	2	434,081	705,667	272,000
4 Qtr.	168	76	1	614,476	1,103,416	275,000
2015 1 Qtr.	101	51	0	437,108	1,313,484	(X)
2 Qtr.	152	70	2	612,176	939,855	1,072,500
3 Qtr.	130	55	2	508,526	1,081,404	1,150,000
4 Qtr.	118	67	2	517,792	1,139,132	268,500
2016 1 Qtr.	117	69	2	449,664	1,043,227	372,467
2 Qtr.	107	69	4	615,141	1,022,365	1,497,875
3 Qtr.	144	78	2	507,530	700,247	1,375,000
4 Qtr.	125	69	2	463,347	819,399	1,750,000
2017 1 Qtr.	111	79	4	466,032	1,000,590	277,500
2 Qtr.	148	89	5	451,390	837,868	1,180,000
3 Qtr.	123	55	1	496,502	1,006,875	45,000
4 Qtr.	150	92	6	486,236	632,413	92,917
2018 1 Qtr.	145	103	2	549,304	799,415	1,150,000
2 Qtr.	181	137	4	545,397	878,521	1,510,250
3 Qtr.	190	126	2	612,028	875,967	716,250
4 Qtr.	187	95	4	592,930	1,235,017	1,018,750
2019 1 Qtr.	127	87	1	517,108	976,871	303,000
2 Qtr.	215	124	7	585,232	773,455	771,900
3 Qtr.	210	103	0	550,089	1,377,961	(X)
4 Qtr.	174	98	2	588,226	856,835	607,500
2020 1 Qtr.	139	73	0	590,930	1,172,315	(X)
2 Qtr.	122	53	0	576,255	710,325	(X)
3 Qtr.	139	73	1	673,363	1,022,566	2,625,000
4 Qtr.	186	91	0	732,196	1,441,724	(X)
2021 1 Qtr.	185	118	1	854,485	1,530,610	1,550,000
2 Qtr.	317	141	3	688,167	1,629,431	1,419,667
3 Qtr.	209	127	4	822,884	2,108,274	1,702,500
4 Qtr.	169	132	0	858,905	1,729,540	(X)
2022 1 Qtr.	164	97	2	1,030,469	1,694,213	2,445,000
2 Qtr.	149	106	4	938,945	2,111,700	329,983
3 Qtr.	117	68	3	820,054	1,902,199	454,533
4 Qtr.	105	53	3	812,565	2,152,099	1,591,667

(X) Not applicable.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

Table G-36. HOME SALES BY ORIGIN OF BUYER - KAUAI -- Con.

Year	Number of homes purchased by			Average price of homes purchased by (in dollars)		
	Local buyers	Main-landers	Foreign buyers	Local buyers	Main-landers	Foreign buyers
	Percentage change from previous period					
2009	-14.1	9.0	-65.2	-15.4	-26.5	-28.4
2010	64.5	42.4	250.0	-0.8	-6.7	-21.9
2011	-25.7	-26.8	28.6	-16.9	0.6	6.9
2012	15.7	0.5	8.3	15.1	-0.6	19.1
2013	-4.4	-14.5	-51.3	16.9	13.4	-14.6
2014	22.1	-12.5	-36.8	7.1	35.5	24.8
2015	-16.9	-22.6	-50.0	8.8	22.4	38.2
2016	-1.6	17.3	66.7	-4.1	-19.5	56.4
2017	7.9	10.5	60.0	-6.2	-4.7	-63.4
2018	32.1	46.3	-25.0	21.5	10.1	142.6
2019	3.3	-10.6	-16.7	-2.3	5.8	-40.0
2020	-19.3	-29.6	-90.0	15.7	14.9	279.3
2021	50.2	78.6	700.0	20.8	54.2	-39.9
2022	-39.2	-37.5	50.0	16.3	11.4	-34.8
2009 1 Qtr.	-44.7	-38.2	0.0	-35.3	-24.3	-65.2
2 Qtr.	-26.1	-11.2	-80.0	-27.4	7.4	-68.2
3 Qtr.	-1.1	33.7	-87.5	-1.4	-41.3	104.7
4 Qtr.	20.6	65.9	0.0	13.9	-29.9	71.4
2010 1 Qtr.	107.9	74.6	166.7	13.4	-24.3	62.6
2 Qtr.	84.7	80.5	150.0	-10.9	-35.3	81.9
3 Qtr.	65.2	41.7	500.0	5.9	1.8	-84.2
4 Qtr.	29.5	3.7	350.0	-2.5	36.0	-34.1
2011 1 Qtr.	-0.8	-6.4	87.5	-16.6	34.7	-21.6
2 Qtr.	-29.9	-19.1	60.0	-17.3	-8.5	20.2
3 Qtr.	-32.0	-36.8	-33.3	-25.7	-22.7	230.1
4 Qtr.	-35.9	-39.7	0.0	-9.0	5.4	-31.6
2012 1 Qtr.	-23.1	-13.6	-40.0	-2.8	-20.8	-30.2
2 Qtr.	8.2	-17.3	125.0	23.2	15.8	-16.5
3 Qtr.	1.0	-8.7	50.0	62.5	13.6	-52.6
4 Qtr.	84.1	55.3	-33.3	-6.3	-9.6	320.3
2013 1 Qtr.	-14.0	0.0	-44.4	31.3	-1.8	82.2
2 Qtr.	19.3	-3.8	-55.6	30.6	16.7	-11.8
3 Qtr.	44.6	-6.4	-16.7	-12.8	21.4	36.1
4 Qtr.	-39.1	-38.6	-83.3	22.7	24.1	-67.5
2014 1 Qtr.	48.8	-6.7	-40.0	-4.1	9.1	59.4
2 Qtr.	13.4	-13.9	-25.0	-6.3	62.2	51.8
3 Qtr.	0.0	-22.7	-60.0	-1.0	21.7	-49.1
4 Qtr.	40.0	-6.2	0.0	35.9	35.8	-38.8
2015 1 Qtr.	-21.1	-38.6	(1/)	3.4	110.2	(1/)
2 Qtr.	-5.6	-19.5	-66.7	37.5	-18.1	64.1
3 Qtr.	-11.0	-19.1	0.0	17.2	53.2	322.8
4 Qtr.	-29.8	-11.8	100.0	-15.7	3.2	-2.4
2016 1 Qtr.	15.8	35.3	(1/)	2.9	-20.6	(1/)
2 Qtr.	-29.6	-1.4	100.0	0.5	8.8	39.7
3 Qtr.	10.8	41.8	0.0	-0.2	-35.2	19.6
4 Qtr.	5.9	3.0	0.0	-10.5	-28.1	551.8
2017 1 Qtr.	-5.1	14.5	100.0	3.6	-4.1	-25.5
2 Qtr.	38.3	29.0	25.0	-26.6	-18.0	-21.2
3 Qtr.	-14.6	-29.5	-50.0	-2.2	43.8	-96.7
4 Qtr.	20.0	33.3	200.0	4.9	-22.8	-94.7
2018 1 Qtr.	30.6	30.4	-50.0	17.9	-20.1	314.4
2 Qtr.	22.3	53.9	-20.0	20.8	4.9	28.0
3 Qtr.	54.5	129.1	100.0	23.3	-13.0	1,491.7
4 Qtr.	24.7	3.3	-33.3	21.9	95.3	996.4
2019 1 Qtr.	-12.4	-15.5	-50.0	-5.9	22.2	-73.7
2 Qtr.	18.8	-9.5	75.0	7.3	-12.0	-48.9
3 Qtr.	10.5	-18.3	(1/)	-10.1	57.3	(1/)
4 Qtr.	-7.0	3.2	-50.0	-0.8	-30.6	-40.4
2020 1 Qtr.	9.4	-16.1	(1/)	14.3	20.0	(1/)
2 Qtr.	-43.3	-57.3	(1/)	-1.5	-8.2	(1/)
3 Qtr.	-33.8	-29.1	(1/)	22.4	-25.8	(1/)
4 Qtr.	6.9	-7.1	(1/)	24.5	68.3	(1/)
2021 1 Qtr.	33.1	61.6	(1/)	44.6	30.6	(1/)
2 Qtr.	159.8	166.0	(1/)	19.4	129.4	(1/)
3 Qtr.	50.4	74.0	300.0	22.2	106.2	-35.1
4 Qtr.	-9.1	45.1	(1/)	17.3	20.0	(1/)
2022 1 Qtr.	-11.4	-17.8	100.0	20.6	10.7	57.7
2 Qtr.	-53.0	-24.8	33.3	36.4	29.6	-76.8
3 Qtr.	-44.0	-46.5	-25.0	-0.3	-9.8	-73.3
4 Qtr.	-37.9	-59.8	(1/)	-5.4	24.4	(1/)

1/ Percentage change involving zero not meaningful.

Source: Title Guaranty of Hawaii, Inc. based on Hawaii Department of Natural Resources, Bureau of Conveyances data. Calculations by Hawaii Department of Business, Economic Development & Tourism.

III. TERMS AND DEFINITIONS

Accommodation Jobs – This industry provides lodging or short-term accommodations for travelers, vacationers, and others. Some provide lodging only; while others provide meals, laundry, and recreational facilities, as well as lodging. There are three industry groups: (1) traveler accommodation includes establishments that primarily provide traditional types of lodging services. This group includes hotels, motels, and bed and breakfast inns. (2) recreational accommodation includes establishments that operate lodging facilities primarily designed to accommodate outdoor enthusiasts. Included are travel trailer campsites, recreation vehicle parks, and outdoor adventure retreats; and (3) rooming and boarding houses includes establishments providing temporary or longer-term accommodations that for the period of occupancy may serve as a principal residence. Board (i.e., meals) may be provided but is not essential.

Agriculture Wage and Salary Jobs – Full- and part-time jobs based on a quarterly survey conducted by the U.S. National Agricultural Statistics Service.

Airline Seat – Total number of available seats from all direct flights to Hawaii, including scheduled and chartered flights.

Arts, Entertainment & Recreation Jobs – This industry includes a wide range of establishments that operate facilities or provide services to meet varied cultural, entertainment, and recreational interests of their patrons. This sector comprises (1) establishments that are involved in producing, promoting, or participating in live performances, events, or exhibits intended for public viewing; (2) establishments that preserve and exhibit objects and sites of historical, cultural, or educational interest; and (3) establishments that operate facilities or provide services that enable patrons to participate in recreational activities or pursue amusement, hobby, and leisure-time interests. Excluded from this sector are: (1) establishments that provide both accommodations and recreational facilities, such as hunting and fishing camps and resort and casino hotels; (2) restaurants and night clubs that provide live entertainment in addition to the sale of food and beverages, (3) motion picture theaters, libraries and archives, and publishers of newspapers, magazines, books, periodicals, and computer software; and (4) establishments using transportation equipment to provide recreational and entertainment services, such as those operating sightseeing buses, dinner cruises, or helicopter rides.

Average Daily Visitor Census- By Air – Average number of visitors present daily in the state. Figures are computed monthly by the Hawaii Tourism Authority, Tourism Research based on arrival and departure dates from ground and in-flight surveys.

Average Length of Stay- By Air – Number of days visitors are in the State including the days of arrival and of departure.

Bankruptcy Filings –

Chapter 7 – Is available to both individuals and business debtors. Its purpose is to achieve a fair distribution to creditors of whatever non-exempt property the debtor has and to give the individual debtor a fresh start through the discharge in bankruptcy.

Chapter 11 – Is available for both consumer and business debtors. Its purpose is to rehabilitate a business as a going concern or reorganize an individual's finances through a court-approved reorganization plan.

Chapter 12 – Is designed to give special debt relief to a family farmer with regular income from farming.

Chapter 13 – Is available for an individual with regular income whose debts do not exceed specific amounts, typically used to budget some of the debtor's future earnings under a plan through which creditors are paid in whole or in part.

Additional information may be found at the American Bankruptcy Institute "Bankruptcy Chapters" website http://www.abiworld.org/media/chapters.html

Chained (2012) dollar Gross Domestic Product by State (GDP) [Note: formerly called 'Gross State Product'] series are calculated (using national chain-type implicit price deflators) as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive; that is, state totals usually do not add to regional totals or to U.S. totals, and regional totals usually do not add to U.S. totals.

Civilian Employment – Persons 16 years of age or older who, during the survey week containing the 12th of the month, were either at work for pay or profit, or worked without pay for 15 hours or more on a family farm or business, or were with a job but not at work. Both permanent and temporary employees

and those who are working either full- or part-time are included.

Civilian Labor Force –Total of employed and unemployed persons, excluding those in the armed forces and 16 years of age or under. U.S. Census Bureau does surveys for the U.S. Bureau of Labor Statistics.

Civilian Unemployment – Persons 16 years of age or older who (1) did not work at all during the survey week but were actively seeking work and were available for work; or (2) did not work at all, were available for work, and were waiting to be called back from layoff or were waiting to report to a new wage or salary job within 30 days.

Condominium Resales: Consists of resales of condominium, duplexes and townhomes that are entered in the Multiple Listing Service. It does not include apartments.

Consumer Price Index: Honolulu (Urban Hawaii) or U.S. – Measure of the average change in prices over time for a fixed market basket of goods and services. It is compiled by the U.S. Bureau of Labor Statistics. The index measures changes from a reference date, i.e., 1982-84, which is designated as 100.0. For example, a Honolulu CPI-U (where U refers to All Urban Consumers), All Items, of 171.5 as the annual average for 1998 indicates the average prices of that group's basket was 71.5 percent higher than the weighted average of those same goods and services in 1982-84. Data are published monthly for the U.S. and semi-annually for Honolulu. As of January 1998, BLS updated the reference basket based on 1982-84 consumer expenditures, but the base remains 1982-84 = 100.0. The BLS Internet site has more information about the CPI at http://www.bls.gov/cpi/home.htm.

Contracting Tax Base – The total receipts of businesses engaged in contracting to erect, construct, repair, or improve buildings or structures of any kind or description, or to make any installation therein. Attributed to any business engaging in the practice of architecture, engineering, land surveying, landscape architecture, and the practice of pest control or fumigation.

Contributions for government social insurance - New category as part of the 'BEA Comprehensive Revision of the National Income & Product Accounts released in December 1999. Replaces 'Personal contributions for social insurance'. These contributions, which are subtracted in the calculation of personal income, consist of the contributions, or payments, by employees, by the self-employed, and by other individuals who participate in the following government programs: Old-age, survivors, and disability insurance (social security); hospital insurance; supplementary medical insurance; unemployment insurance; railroad retirement; veterans life insurance; and temporary disability insurance. These contributions are excluded from personal income by definition, but the components of personal income upon which these contributions are based-mainly wage and salary disbursements and proprietors' income-are presented gross of these contributions.

Dividends, Interest, and Rent – U.S. Bureau of Economic Analysis presents the State Personal Income estimates of these components together. It consists of income received by individuals and on behalf of individuals by private and government employee retirement plans and by quasi-individuals, including non-profit institutions and private trust funds administered by fiduciaries. Personal dividend income is payments in cash or other assets by corporations in the U.S. or abroad to noncorporate stockholders who are Hawaii residents. Personal interest income is the interest income (monetary and imputed) from all sources that is received by individuals, by private and government employee retirement plans, by nonprofit institutions, and by estates and trusts. Rental income of persons with capital consumption adjustment is the net current-production income of persons from the rental of real property except for the income of persons primarily engaged in the real estate business; the imputed net rental income received by owner-occupants of farm-dwellings; and the royalties received by persons from patents, copyrights, and rights to natural resources. The estimates include BEA adjustments for uninsured losses to real estate caused by disasters, such as hurricanes (e.g. Iniki in 1992) and floods. See Personal Income.

Earnings – This BEA aggregate is the sum of three components of personal income: wages and salary disbursements, other labor income, and proprietors' income. BEA presents earnings because it can be used in analyses of regional economies as a proxy for the income generated from participation in current production. See Personal Income.

Educational Services Jobs – This industry comprises establishments that provide instruction and training by specialized establishments, such as schools, colleges, universities, and training centers. These establishments may be privately owned and operated for profit or not for profit, or they may be publicly owned and operated. They may also offer food and

accommodation services to their students. Educational services are usually delivered by teachers or instructors that explain, tell, demonstrate, supervise, and direct learning, in diverse settings, such as educational institutions, the workplace, or the home through correspondence, television, or other means.

Employer Contributions to Social Insurance - New category as part of the 'BEA Comprehensive Revision of the National Income & Product Accounts released in December 1999. Replaced 'Other labor income'. This component of personal income consists of employer contributions for employee pension and insurance funds and of employer contributions for government social insurance. See Personal Income.

Federal Government Jobs – Includes those in the civilian agencies, i.e. Department of Defense, Agriculture, United States Postal Service and the various armed services exchange systems.

Financial Activities Jobs – Establishments primarily engaged in financial transactions, i.e. those transactions involving the creation, liquidation, or change in ownership of financial assets, and/or in facilitating financial transactions. Three principal types of activities are identified: (1) raising funds by taking deposits and/or issuing securities and, in the process, incurring liabilities; (2) pooling of risk by underwriting insurance and annuities, (3) providing specialized services facilitating or supporting financial intermediation, insurance, and employee benefit programs. In addition, monetary authorities charged with monetary control are included in this sector. This also includes real estate and the rental and leasing sector which is comprised of establishments primarily engaged in renting, leasing, or otherwise allowing the use of tangible or intangible assets, and establishments providing related services. The major portion of this sector comprises establishments that rent, lease, or otherwise allow the use of their own assets by others. The assets may be tangible, as is the case of real estate and equipment, or intangible, as is the case with patents and trademarks. Excluded from this sector are real estate investment trusts (REITS) and establishments primarily engaged in renting or leasing equipment with operators. In many cases, such as the rental of heavy construction equipment, the operator is essential to operate the equipment.

Food Services & Drinking Places Jobs – These industries prepare meals, snacks, and beverages to customer order for immediate on-premises and off-premises consumption. Some provide food and drink only; while others provide various combinations of seating space, waiter/waitress services and incidental amenities, such as limited entertainment. The industries are grouped based on the type and level of services provided, i.e. full-service restaurants; limited-service eating places; and special food services including caterers and mobile food services. Food services and drink activities at hotels and motels; amusement parks, theaters, casinos, country clubs, and similar recreational facilities; and civic and social organizations are included here only if these services are provided by a separate establishment primarily engaged in providing food and beverage services. Excluded are establishments operating dinner cruises which are classified as scenic and sightseeing transportation because those establishments utilize transportation equipment to provide scenic recreational entertainment.

General Excise (Gross Income) Tax – Tax charged to businesses on gross sales or gross income. The tax rate is 0.5 percent on wholesaling and intermediary services, blind vendors, producing, manufacturing, sugar processing and pineapple canning; all other activities (retailing, business and professional services, contracting, theater, amusement, radio, interest, commissions, rentals) are taxed at 4.0 percent, except insurance commissions to general agents, subagents and solicitors, who are taxed at 0.15 percent.

General Excise and Use Tax Base – The value of all goods and services sold, including the value of tangible personal property imported into Hawaii for own use or consumption. One of the most comprehensive measures of business activity in the state.

General Fund Tax Revenues – Receipts of the general excise and use tax, net individual and corporate income taxes comprise over 85 percent of the General Fund tax receipts. The general government fund used to account for all financial resources except those required to be accounted for in another fund, such as the highway, airport or capital improvement fund.

Gross Domestic Product by State (GDP) [Note: formerly called 'Gross State Product'] – GDP is the value added in production by the labor and property located in a state. GDP for a state is derived as the sum of the GDP originating in all industries in the state. The estimates of real GDP are derived by applying national implicit price deflators by detailed industry to the current-dollar GDP estimates by detailed industry. Then, in order to capture the differences across states that reflect the relative differences in the mix of goods and services that the states produce, the same chain-type index formula

used in the national accounts is used to calculate the estimates of total real GDP and real GDP by major industry.

Health Care & Social Assistance Jobs – This industry includes establishments that provide both health care and social assistance for individuals. Both are included as it is sometimes difficult to distinguish between the boundaries of these two activities starting with those establishments providing medical care exclusively, continuing with those providing health care and social assistance, and finally finishing with those providing only social assistance. These services are delivered by trained professionals and the industries are defined based on the educational degree held by its practitioners. Excluded are aerobic classes and nonmedical diet and weight reducing centers. Although these can be viewed as health services, these services are not typically delivered by health practitioners.

Honolulu Construction Cost Indexes: High-Rise or Single Family – As compiled, by First Hawaiian Bank, and currently by DBEDT, these indexes measure changes in contractors' costs for building materials and labor. For discussion of Methodology, see *Hawaii's Economy May 2000* at http://www.hawaii.gov/dbedt/hecon/he5-00/index.html.

Hotel Occupancy Rate – The percentage of occupied rooms in a hotel. Hotel occupancy rates depend not only on the number of visitors and their length of stay, but also on the hotel room inventory, e.g., a large increase in new hotel units results in a drop in occupancy rates, until such time as visitor traffic builds up enough to fill them. Rates are obtained from a sample survey conducted on a monthly basis.

Hotel Rental Tax Base – is the economic base from which all hotel business activity is taxed. It includes the furnishing of temporary accommodations in a hotel, or other place in which lodgings are regularly furnished to transients for compensation.

Implicit Price Deflator – The implicit price deflator is calculated as the ratio of the current-dollar value to the corresponding chained-dollar value multiplied by 100. **OR** Implicit price deflators are weighted averages of the detailed price indexes used to prepare each aggregate and component and are calculated as the ratio of current- to chained-dollar output multiplied by 100.

Information Jobs – Are in establishments engaged in the following processes: (a) producing and distributing information and cultural products, (b) providing the means to transmit or distribute these products as well as data or communications, and (c) processing data. Included are publishing industries, including software publishing, and both traditional publishing and publishing exclusively on the Internet; the motion picture and sound recording industries; the broadcasting industries, including traditional broadcasting and those broadcasting exclusively over the Internet; the telecommunications industries; the industries known as Internet service providers and web search portals, data processing industries, and the information services industries. For the purpose of developing NAICS, it is the transformation of information into a commodity that is produced and distributed by a number of growing industries that is at issue. The Information sector groups three types of establishments: (1) those engaged in producing and distributing information and cultural products; (2) those that provide the means to transmit or distribute these products as well as data or communications; and (3) those that process data. Many of the industries in the NAICS Information sector are engaged in producing products protected by copyright law, or in distributing them (other than distribution by traditional wholesale and retail methods). Examples are traditional publishing industries, software and directory and mailing list publishing industries, and film and sound industries. Broadcasting and telecommunications industries and information providers and processors are also included in the Information sector, because their technologies are so closely linked to other industries in the Information sector.

Local Government Jobs – Includes those in the county governments.

Manufacturing Jobs – Are in establishments engaged in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. The assembling of component parts of manufactured products is considered manufacturing, except in cases where the activity is appropriately classified as construction. Included in manufacturing are plants, factories, or mills and characteristically use power-driven machines and materials-handling equipment. However, establishments that transform materials or substances into new products by hand or in the worker's home and those engaged in selling to the general public products made on the same premises from which they are sold, such as bakeries, candy stores, and custom tailors, may also be included in this sector. Manufacturing establishments may process materials or may contract with other establishments to process their materials for them.

Both types of establishments are included in manufacturing. The following activities are considered manufacturing in NAICS: milk or water bottling and pasteurizing; fresh fish packaging; printing and related activities; ready-mixed concrete production; ship repair and renovation; machine shops; and tire retreading. Conversely, there are activities that NAICS classifies as non-manufacturing, i.e. agriculture, forestry, fishing and hunting; the construction of structures and fabricating operations performed at the site of construction by contractors, establishments engaged in breaking of bulk and redistribution in smaller lots, including packaging, repackaging, or bottling products, customized assembly of computers, etc

NAICS – The North American Industry Classification System (NAICS) has replaced the U.S. Standard Industrial Classification (SIC) system. NAICS was developed jointly by the U.S., Canada, and Mexico to provide new comparability in statistics about business activity across North America. Estimates of Personal Income earnings, wage and salary disbursements, and employment by NAICS subsector are available starting with 2001. For descriptions of NAICS industries, please see http://www.census.gov/epcd/www/naics.html at the Census Bureau.

Natural Resources, Mining & Construction Jobs – In Hawaii, 99 percent of the jobs in this category are in Construction and the remaining 1 percent in Mining. Included are those establishments that extract naturally occurring mineral solids, such as coal and ores; liquid minerals, such as crude petroleum; and gases, such as natural gas. There are two activities: mine operation and mining support activities. The construction sector comprises establishments primarily engaged in the construction of buildings or engineering projects (e.g., highways and utility systems), additions, alterations, or maintenance and repairs. Establishments primarily engaged in the preparation of sites for new construction and establishments primarily engaged in subdividing land for sale as building sites also are included in this sector.

Net Earnings – BEA also calculates this measure as Earnings less Personal Contributions for Social Insurance. Net earnings is used in the presentation of State and local area personal income as the sum of net earnings, transfer payments, and personal dividend income, personal interest income, and rental income of persons. It can be used as a proxy for income before taxes. See Personal Income.

Net Individual or Corporation Income Tax Revenue – For individuals, it is calculated as declaration of estimated taxes plus payments with returns plus withholding tax on wages less refunds. Net corporate income tax revenue is calculated as declarations of estimated taxes plus payments with returns less refunds.

Non-Agriculture Wage and Salary Jobs – Derived monthly from a sample survey of employers reporting the number of persons who received pay for any part of the pay period containing the 12th of the month. Includes all full- and part-time non-agricultural workers, permanent and temporary workers, and workers on paid sick leave and paid vacation.

Other Goods and Services – Honolulu Consumer Price Index component detail. Prior to the CPI 1998 Revision, it measured the change in average prices of tobacco products, personal care goods and services, and personal and educational expenditures. Beginning with January 1998 data, this category includes tobacco, personal care, and miscellaneous goods and services. Other components, for example, schoolbooks and tuition, moved to the new "Education and Communication" and recreational reading to "Recreation". BLS' *Monthly Labor Review (*December 1996), and BLS' Internet site have more information about the CPI at http://www.bls.gov/cpi/.

Other Labor Income – See Employer Contributions to Social Insurance'.

Other Services (except public administration) Jobs – Are in establishments engaged in providing services not specifically provided for elsewhere in the classification system., such as equipment and machinery repairing, promoting or administering religious activities, grantmaking, advocacy, and providing drycleaning and laundry services, personal care services, death care services, pet care services, photofinishing services, temporary parking services, and dating services. Private households that engage in employing workers on or about the premises in activities primarily concerned with the operation of the household are included in this sector. Excluded from this sector are establishments primarily engaged in retailing new equipment and also performing repairs and general maintenance on equipment.

Personal Contributions for Social Insurance – See 'Contributions for government social insurance'.

Personal current transfer receipts – Modified category as part of the 'BEA Comprehensive Revision of the National Income & Product Accounts' released in December 1999. Formerly 'Transfer Payments'. This

component of personal income is payments to persons for which no current services are performed. It consists of payments to individuals and to nonprofit institutions by Federal, state, and local governments and by businesses. Government payments to individuals includes retirement and disability insurance benefits, medical payments (mainly Medicare and Medicaid), income maintenance benefits, unemployment insurance benefits, veterans benefits, and Federal grants and loans to students. Government payments to nonprofit institutions excludes payments by the Federal Government for work under research and development contracts. Business payments to persons consists primarily of liability payments for personal injury and of corporate gifts to nonprofit institutions.

Personal Income –Income received by persons for participation in production, from government and business transfer payments, and from government interest. It is calculated as the sum of wage & salary disbursements, supplements to wages and salaries, proprietors' income with inventory valuation and capital consumption adjustments, rental income of persons with capital consumption adjustment, personal dividend income, personal interest income, and personal current transfer receipts, less contributions for government social insurance. For additional information see https://www.bea.gov/data/economic-accounts/regional

Professional & Business Services Jobs – Are in establishments that specialize in performing professional, scientific, and technical activities for others and require a high degree of expertise and training. These activities include: legal advice and representation; accounting, bookkeeping, and payroll services; architectural, engineering, and specialized design services; computer services; consulting services; research services; advertising services; photographic services; translation and interpretation services; veterinary services; and other professional, scientific, and technical services to business and sometimes to households, but excludes establishments primarily engaged in providing a range of day-to-day office administrative services, such as financial planning, billing and recordkeeping, personnel, and physical distribution and logistics. The management sector comprises establishments that hold the securities of companies and enterprises for the purpose of owning a controlling interest or influencing management decisions or establishments that administer, oversee, and manage establishments of the company or enterprise and that normally undertake the strategic or organizational planning and decisionmaking role of the company or enterprise. Establishments in this sector perform essential activities that are often undertaken, in-house, by establishments in many sectors of the economy but by consolidating the performance of these activities, economies of scale are achieved. Also included are establishments that perform routine support activities, such as office administration, hiring and placing of personnel, document preparation and similar clerical services, solicitation, collection, security and surveillance services, cleaning, and waste disposal services on a contract or fee basis.

Proprietors' Income – This component of BEA Personal income is the current-production income (including income in kind) of sole proprietorships, partnerships and cooperatives. Corporate directors' fees and the imputed net rental income of owner-occupants of farm dwellings is included in proprietors' income but the imputed net rental income of owner-occupants of nonfarm dwellings is included in rental income of persons. Proprietors' income excludes dividends and monetary interest received by nonfinancial business and rental incomes by persons not primarily engaged in the real estate business; these incomes are included in dividends, net interest, and rental income of personas, respectively. See Personal Income.

Retail Tax Base – includes the general excise tax base on retailing. Retail sales include sales for consumption or use by the purchaser and not for resale. The general excise tax at the retail level (4%) is sometimes loosely called a sales tax. However, it differs from a typical sales tax in two respects: (1) it is a tax on the gross income of the seller rather than a tax on the purchase price of the buyer; (2) the retail excise tax in Hawaii applies to all retail sales (both goods and services) whereas most Mainland sales taxes exempt some commodities such as food and services.

Retail Trade Jobs – Are in establishments engaged in retailing merchandise, generally without transformation, and rendering services incidental to the sale of merchandise. The retailing process is the final step in the distribution of merchandise; retailers are, therefore, organized to sell merchandise in small quantities to the general public. This sector comprises two main types of retailers: store and nonstore retailers. Store retailers operate fixed point-of-sale locations, located and designed to attract a high volume of walk-in customers where they have extensive displays of merchandise and use mass-media advertising to attract customers from the general public for personal or household consumption, but some also serve business and institutional clients. These include establishments such as office supply stores, computer and software stores, building

materials dealers, plumbing supply stores, and electrical supply stores. Catalog showrooms, gasoline services stations, automotive dealers, and mobile home dealers are treated as store retailers. Generally, establishments engaged in retailing merchandise and providing after-sales services are classified in this sector. Nonstore retailers are also organized to serve the general public, but they reach customers and market merchandise with methods, such as the broadcasting of "infomercials," the broadcasting and publishing of direct-response advertising, the publishing of paper and electronic catalogs, door-to-door solicitation, in-home demonstration, selling from portable stalls (street vendors, except food), and distribution through vending machines.

Services Tax Base – includes tax base data on establishments primarily engaged in providing a wide variety of services for individuals, business and government establishments, and other organizations; hotels and other lodging places; establishments providing personal, business, repair, and amusement services; health, legal, engineering, and other professional services; educational institutions; membership organizations and other miscellaneous services.

Single Family Home Resales: Consists of resales of single family homes that are entered in the Multiple Listing Service.

State Government Jobs – Education includes all employees under the Department of Education (DOE) and the University of Hawaii System. This includes public library personnel, substitute teachers who received pay during the pay period including the 12th of the month, and support personnel such as cafeteria workers, classroom cleaners, and school security attendants. Also included are part-time employees in special programs such as the A+ After School.

State Government Jobs – Non-Education - Includes all other executive branch departments (i.e. Agriculture, Transportation, etc.), the legislative and judicial branches, and the Research Corporation of the University of Hawaii (RCUH).

Total Wage and Salary Jobs – includes nonagricultural wage and salary workers and agriculture wage and salary workers. Persons on the payroll of more than one establishment during the pay period are counted in each establishment that reports them.

Transfer Payments – See Personal current transfer receipts.

Transient Accommodations Tax – Tax levied on resort time-share vacation units and the furnishing of a room, apartment, suite which is customarily occupied by a person or group for fewer than 180 consecutive days by a hotel, apartment, motel, or cooperative apartment, rooming house, or other place in which lodgings are generally furnished to transients. The tax as of January 1, 1999 is imposed at the rate of 7.25 percent and the tax base includes time-share units.

Transportation, Warehousing, & Utilities Jobs – Are in industries providing transportation of passengers and cargo, warehousing and storage for goods, scenic and sightseeing transportation, and support activities related to modes of transportation - air, rail, water, road, and pipeline. The sector distinguishes subsectors for each mode of transportation, a subsector for warehousing and storage, and a subsector for establishments providing support activities for transportation. In addition, there are subsectors for establishments that provide passenger transportation for scenic and sightseeing purposes, postal services, and courier services. Warehousing establishments in this sector are distinguished from merchant wholesaling in that the warehouse establishments do not sell the goods. Excluded are establishments primarily engaged in providing travel agent services that support transportation and other establishments, such as hotels, businesses, and government agencies. The Utilities sector comprises establishments engaged in the provision of the following utility services: electric power, natural gas, steam supply, water supply, and sewage removal. Within this sector, the specific activities associated with the utility services provided vary by utility: electric power includes generation, transmission, and distribution; natural gas includes distribution; steam supply includes provision and/or distribution; water supply includes treatment and distribution; and sewage removal includes collection, treatment, and disposal of waste through sewer systems and sewage treatment facilities. Excluded from this sector are establishments primarily engaged in waste management services that do not use sewer systems or sewage treatment facilities.

Unallocated General Excise & Use Tax Revenues – General excise and use tax revenues that could not be allocated to specific activities of the general excise & use tax. It also includes collections from penalty and interest, assessments and corrections, delinquent collections, refunds, protested payments, settlements, etc.

Unemployment Rate – Ratio of unemployed persons to the civilian labor force expressed as a percentage.

Use Tax – Excise tax levied on tangible personal property that is imported or purchased from an unlicensed seller for use in the state. The tax is based upon the purchase price or value of the tangible personal property purchased or imported, whichever is applicable. Rates: 0.5 percent, if for resale at retail; 4.0 percent, if for use or consumption.

Visitor Arrivals- By Air, Total – All persons who stayed in Hawaii for a period between one night and one year.

Domestic Visitor Arrivals – Visitors who stayed in Hawaii for at least one night but less than one year, arriving on flights from Mainland U.S. A foreign resident arriving in Hawaii on a flight directly from the U.S. Mainland is counted as a domestic visitor.

International Visitor Arrivals – Visitors who stayed in Hawaii for at least one night but less than one year arriving on flights from foreign countries. An U.S. resident arriving in Hawaii on a flight directly from a foreign country is counted as an international visitor.

Visitor Days – Measures the number of days visitors stay in the State and are the most comprehensive measurement of visitations. Visitor days take into account both the number of visitors and their length of stay and is the main indicator used by most of the tourism-related businesses to plan their activities.

Wages and Salary Disbursements– This component of Personal Income consists of the monetary remuneration of employees, including the compensation of corporate officers; commissions, tips, and bonuses; and receipts in kind, or pay-in-kind, such as the meals furnished to the employees of restaurants. It reflects the amount of wages and salaries disbursed, but not necessarily, earned during the year. See Personal Income.

Wholesale Trade Jobs – Are in establishments engaged in wholesaling merchandise, generally without transformation, and rendering services incidental to the sale of merchandise and includes the outputs of agriculture, mining, manufacturing, and certain information industries, such as publishing. It is an intermediate step in the distribution of merchandise. Wholesalers are organized to sell or arrange the purchase or sale of goods for resale, capital or durable nonconsumer goods, and raw and intermediate materials and supplies used in production. Wholesalers sell merchandise to other businesses and normally operate from a warehouse or office that have little or no display f merchandise and do not solicit walk-in traffic. Transactions are often conducted between wholesalers and clients that have long-standing business relationships. There are two main types: merchant wholesalers that sell goods on their own account and business to business electronic markets, agents, and brokers that arrange sales and purchases for others generally for a commission or fee.