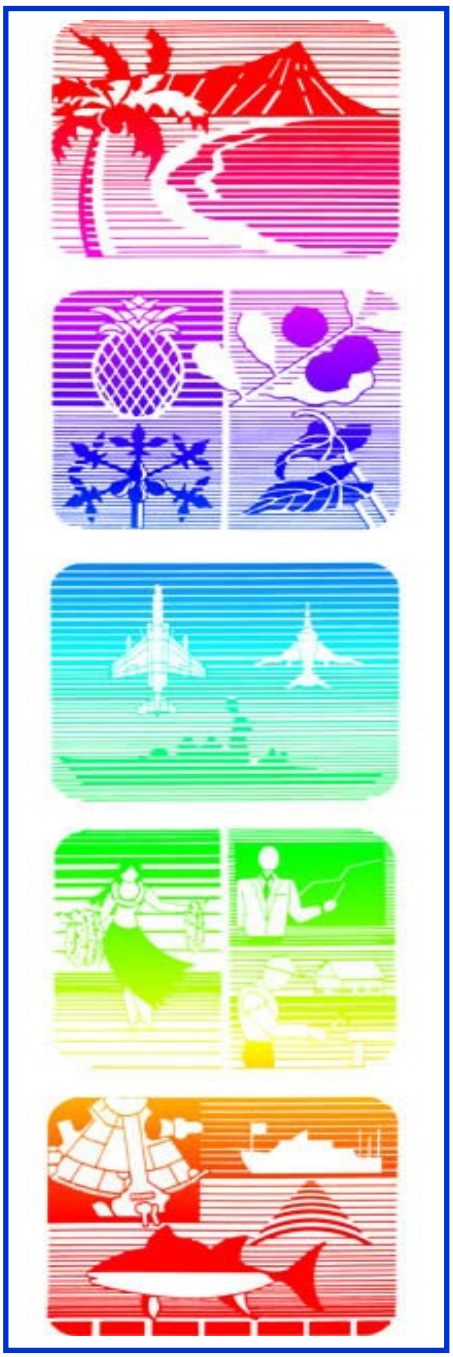


# *QUARTERLY STATISTICAL & ECONOMIC REPORT,*

## *Executive Summary*
## *3rd Quarter 2022*

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

### *TABLE of CONTENTS, Exec Summary*


Part I. Economic Trends and Outlook
- State of the Economy 3
- 2022 Quarterly Economic Indicators:
  - Table 1. State 4
- Outlook of the Economy 5
- Actual & Forecast Key Economic Indicators for Hawaii: 2020-2025 6
- County Economic Conditions 7
- 2022 Quarterly Economic Indicators:
  - Table 2. City & County of Honolulu 8
  - Table 3. Hawaii County 9
  - Table 4. Maui County 10
  - Table 5. Kauai County 11

Part II. Economic Overview and Data
- A. Labor Force and Jobs 12
  - A-6. Non-Ag Wage and Salary Jobs 13
- B. Income and Prices 14
  - B-4. Personal Income by Major Sources 15
  - B-14. Honolulu and U.S. CPI-U 16
- C. Tax Revenues 18
  - C-1. General Fund Tax Rev. & Major Comp. 19
- D. Tourism 21
  - D-1. Visitor Arrivals & Aver. Daily Visitor Census- By Air 22
  - D-15. Hotel Occupancy Rate 24
- E. Construction 25
  - E-1. Estim. Value of Completed Construction, New Priv. Bldg Auth & Gov't Contracts Awarded 26
- F. Other Indicators 28

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 August 30, 2022.

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

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

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

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

This report has been catalogued as follows:

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

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

Quarterly.

Hawaii-Statistics.

HA4007.H359

# STATE OF THE ECONOMY

Hawaii's major economic indicators were mixed in the second quarter of 2022. Visitor arrivals, wage and salary jobs, State general fund tax revenues and Government contracts awarded all increased in the quarter compared to the second quarter of 2021. But private building authorizations decreased in the quarter.

In the second quarter of 2022, the total number of visitors arriving by air to Hawaii increased 519,651 or 27.3 percent and daily visitor census increased 41,250 or 20.7 percent.

In the second quarter of 2022, the construction sector lost 1,300 jobs or 3.5 percent compared with the same quarter of 2021. State government CIP expenditures declined $91.8 million or 20.8 percent in the second quarter of 2022 compared with the same quarter of 2021. In the second quarter of 2022, the permit value for private construction decreased $711.0 million or 52.8 percent compared with the same quarter of 2021. According to the most recent excise tax base data available, construction put-in-place increased $219.8 million or 9.4 percent in the first quarter of 2022, compared with the same quarter of the previous year.

In the second quarter of 2022, State general fund tax revenues increased $592.4 million or 24.6 percent over the same period of 2021. The state general excise tax revenue increased $182.7 million or 20.4 percent, the transient accommodations tax (TAT) increased $94.3 million or 80.2 percent, the net individual income tax revenues increased $248.6 million or 20.9 percent and the net corporate income tax revenues decreased $0.9 million. In the first half of 2022, State general fund tax revenues increased $1,217.6 million or 30.4 percent compared to the same period of the previous year.

Labor market conditions were mainly positive. In the second quarter of 2022, Hawaii's non-agricultural wage and salary jobs averaged 606,800 jobs, an increase of 23,300 jobs or 4.0 percent from the same quarter of 2021.

The job increase in the second quarter of 2022 was mainly due to job increases in the private sector. In this quarter, the private sector added about 23,200 non-agricultural jobs compared to the second quarter of 2021. Jobs increased the most in Accommodation, which added 9,600 jobs or 34.7 percent; followed by Food Services and Drinking Places, which added 7,100 jobs or 12.6 percent, Other Services, which added 1,900 jobs or 7.9 percent, Transportation, Warehousing & Utilities, which added 1,800 jobs or 6.1 percent, and Arts, Entertainment & Recreation, which added 1,200 jobs or 13.0 percent in the quarter. The Government sector lost 100 jobs or 0.1 percent in the second quarter of 2022 compared to the same quarter of 2021. The Federal Government added 100 jobs or 0.3 percent, the State Government remained the same jobs, and the Local Government lost 200 jobs or 1.1 percent, compared to the second quarter of 2021.

In the first quarter of 2022, total annualized nominal GDP increased $11,403 million or 13.5 percent, from the first quarter of 2021. In 2021, total annualized nominal GDP increased $7,175 million or 8.7 percent from the previous year. In the first quarter of 2022, total annualized real GDP (in chained 2012 dollars) increased $4,648 million or 6.6 percent from the first quarter of 2021. In 2021, total annualized real GDP increased $3,254 million or 4.6 percent from the previous year.

In the first quarter of 2022, total non-farm private sector annualized earnings increased $6,256.7 million or 16.7 percent from the first quarter of 2021. In dollar terms, the largest increase occurred in accommodation and food services; followed by health care and social assistance, transportation and warehousing, retail trade, and construction. During the first quarter of 2022, total government earnings decreased $491.6 million or 3.0 percent from the same quarter of 2021. Earnings from the federal government increased $199.6 million or 2.3 percent. Earnings from the state and local governments decreased $691.2 million or 8.9 percent in the quarter.

In the first half of 2022, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 6.7 percent from the same period in 2021 (Table B-14). This is 1.6 percentage point below the 8.3 percent increase for the U.S. average CPI-U but is higher than the first half of 2021 Honolulu CPI-U increase of 2.6 percent from the same period of the previous year. In the first half of 2022, the Honolulu CPI-U increased the most in Transportation (16.9 percent), followed by Food and Beverages (8.6 percent), Recreation (5.4 percent), Other Goods and Services (4.7 percent), Housing (4.5 percent), Education and Communication (1.3 percent), and Apparel (1.0 percent) compared to the first half of 2021.

## Table 1. 2022 QUARTERLY ECONOMIC INDICATORS: STATE OF HAWAII

| SERIES | 2nd QUARTER 2021 | 2nd QUARTER 2022 | 2nd QUARTER % CHANGE YEAR AGO | YEAR-TO-DATE 2021 | YEAR-TO-DATE 2022 | YEAR-TO-DATE % CHANGE YEAR AGO |
|---|---|---|---|---|---|---|
| Civilian labor force, NSA (persons) 1/ | 665,750 | 670,100 | 0.7 | 662,200 | 671,400 | 1.4 |
| Civilian employed, NSA | 626,200 | 644,800 | 3.0 | 620,150 | 646,200 | 4.2 |
| Civilian unemployed, NSA | 39,550 | 25,300 | -36.0 | 42,050 | 25,200 | -40.1 |
| Unemployment rate, NSA (%) 1/ 2/ | 6.0 | 3.8 | -2.2 | 6.4 | 3.8 | -2.6 |
| Total wage and salary jobs, NSA | 588,500 | 611,800 | 4.0 | 575,900 | 607,900 | 5.6 |
| Total non-agric. wage & salary jobs | 583,500 | 606,800 | 4.0 | 570,900 | 602,900 | 5.6 |
| Nat. Resources, Mining, Constr. | 37,200 | 35,900 | -3.5 | 37,000 | 36,000 | -2.7 |
| Manufacturing | 11,800 | 12,400 | 5.1 | 11,700 | 12,300 | 5.1 |
| Wholesale Trade | 16,300 | 16,100 | -1.2 | 16,200 | 16,300 | 0.6 |
| Retail Trade | 62,300 | 63,400 | 1.8 | 62,000 | 64,100 | 3.4 |
| Transp., Warehousing, Util. | 29,300 | 31,100 | 6.1 | 27,900 | 31,200 | 11.8 |
| Information | 7,500 | 8,400 | 12.0 | 7,800 | 8,300 | 6.4 |
| Financial Activities | 27,000 | 26,100 | -3.3 | 26,800 | 26,200 | -2.2 |
| Professional & Business Services | 68,200 | 68,900 | 1.0 | 67,000 | 68,600 | 2.4 |
| Educational Services | 12,800 | 13,800 | 7.8 | 12,600 | 13,700 | 8.7 |
| Health Care & Social Assistance | 71,700 | 71,500 | -0.3 | 71,600 | 71,300 | -0.4 |
| Arts, Entertainment & Recreation | 9,200 | 10,400 | 13.0 | 8,400 | 10,100 | 20.2 |
| Accommodation | 27,700 | 37,300 | 34.7 | 24,100 | 36,200 | 50.2 |
| Food Services & Drinking Places | 56,400 | 63,500 | 12.6 | 53,200 | 62,200 | 16.9 |
| Other Services | 24,000 | 25,900 | 7.9 | 23,700 | 25,400 | 7.2 |
| Government | 122,100 | 122,000 | -0.1 | 121,000 | 121,200 | 0.2 |
| Federal | 34,800 | 34,900 | 0.3 | 34,700 | 34,700 | 0.0 |
| State | 68,600 | 68,600 | 0.0 | 67,700 | 68,100 | 0.6 |
| Local | 18,700 | 18,500 | -1.1 | 18,700 | 18,400 | -1.6 |
| Agriculture wage and salary jobs | 5,000 | 5,000 | 0.0 | 5,000 | 5,000 | 0.0 |
| State general fund revenues ($1,000) | 2,410,125 | 3,002,553 | 24.6 | 4,002,457 | 5,220,024 | 30.4 |
| General excise and use tax revenues | 896,630 | 1,079,317 | 20.4 | 1,690,060 | 2,095,639 | 24.0 |
| Income-individual | 1,188,886 | 1,437,463 | 20.9 | 1,846,304 | 2,251,689 | 22.0 |
| Declaration estimated taxes | 593,624 | 778,203 | 31.1 | 807,630 | 1,079,120 | 33.6 |
| Payment with returns | 244,434 | 305,249 | 24.9 | 305,758 | 395,602 | 29.4 |
| Withholding tax on wages | 552,761 | 593,709 | 7.4 | 1,114,930 | 1,226,390 | 10.0 |
| Refunds ('-' indicates relative to State) | -201,932 | -239,698 | 18.7 | -382,013 | -449,422 | 17.6 |
| Transient accommodations tax | 117,525 | 211,808 | 80.2 | 177,891 | 408,227 | 129.5 |
| Honolulu County Surcharge 3/ | 88,499 | 102,123 | 15.4 | 168,796 | 200,057 | 18.5 |
| Private Building Permits ($1,000) | 1,345,841 | 634,830 | -52.8 | 2,148,509 | 1,502,957 | -30.0 |
| Residential | 818,035 | 281,186 | -65.6 | 1,123,394 | 761,457 | -32.2 |
| Commercial & industrial | 101,837 | 84,112 | -17.4 | 218,748 | 183,080 | -16.3 |
| Additions & alterations | 425,969 | 269,532 | -36.7 | 806,367 | 558,421 | -30.7 |
| Visitor Days - by air | 18,129,958 | 21,883,750 | 20.7 | 27,435,762 | 41,014,846 | 49.5 |
| Domestic visitor days - by air | 17,980,460 | 20,104,143 | 11.8 | 27,107,186 | 37,367,276 | 37.9 |
| International visitor days - by air | 149,498 | 1,779,607 | 1,090.4 | 328,576 | 3,647,570 | 1,010.1 |
| Visitor arrivals by air - by air | 1,905,914 | 2,425,566 | 27.3 | 2,752,961 | 4,402,151 | 59.9 |
| Domestic flight visitors - by air | 1,897,256 | 2,243,890 | 18.3 | 2,736,714 | 4,084,206 | 49.2 |
| International flight visitors - by air | 8,658 | 181,676 | 1,998.4 | 16,247 | 317,945 | 1,856.9 |
| Visitor expend. - arrivals by air ($1,000) | 3,502,336 | 4,987,588 | 42.4 | 5,079,143 | 9,215,561 | 81.4 |
| Hotel occupancy rates (%) 2/ | 63.1 | 75.3 | 12.2 | 48.0 | 73.0 | 25.0 |

NA Not available.

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

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

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

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

Source: Hawaii State Department of Business, Economic Development, & Tourism <http://www.hawaii.gov/dbedt/inf>, Hawaii State Department of Labor & Industrial Relations <http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94>; Hawaii State Department of Taxation <http://www.hawaii.gov/tax/a5_3txcolrpt.htm> and Hospitality Advisors, LLC. 8/30/2022

# OUTLOOK FOR THE ECONOMY

Hawaii's economy has been greatly impacted by the COVID-19 pandemic. However, during the first seven months of 2022, Hawai'i welcomed a total of 5.4 million visitors, representing 86.8 percent recovery from the same period in 2019. U.S. visitors were 12.4 percent higher than those who came during the same period in 2019. International visitors recovered 33.8 percent with Canadian visitors leading the recovery at 63.3 percent, Japanese visitors at 6.7 percent, and other international visitors at 52.4 percent. Through July 2022 and measured in current prices, visitor spending totaled $11.2 billion, representing 5.8 percent higher than the spending made during the same period in 2019.

Visitor arrivals to the State during the second quarter of 2022 totaled 2,425,566 an increase of 27.3 percent from the same quarter in 2021. The average daily visitor census increased 20.7 percent in the second quarter of 2022.

The value of private building permits showed a decrease of 52.8 percent or $711.0 million during the second quarter of 2022 compared with the same quarter of the previous year. The value for the residential permits decreased by $536.8 million or 65.6 percent from the same period in the previous year; followed by the additions & alterations category, which was down by $156.4 million or 36.7 percent while the value of commercial & industrial building permits declined by $17.7 million or 17.4 percent during the same period. In the second quarter of 2022, government contracts awarded increased $3,974.3 million or 1,544.9 percent compared with the same quarter of the previous year.

At the national level, U.S. real GDP growth began to gradually improve from the first quarter of 2021, with 0.5 percent growth over the same quarter of the previous year. This was followed by 12.2 percent growth in the second quarter of 2021, 4.9 percent in the third quarter of 2021, 5.5 percent in the fourth quarter of 2021, 3.5 percent in the first quarter of 2022, and 1.7 percent in the second quarter of 2022 as compared to the same quarters of the previous respective years. The Blue Chip Economic Indicators report from August 10, 2022, which is the consensus of 50 economic forecasting organizations, projected that the U.S. economic growth rate for 2022 will increase by 1.5 percent. The report projected a positive 0.7 percent U.S. economic growth for 2023. For Hawaii, DBEDT estimates that Hawaii's real gross domestic product (GDP) will increase by 2.6 percent in 2022. The forecast then projects 1.7 percent growth in 2023, 2.1 percent in 2024, and 2.0 percent in 2025.

Hawaii will welcome an estimated 9.2 million visitors in 2022, an increase of 35.6 percent from the 2021 level. Visitor arrivals are projected to increase to 9.8 million in 2023, 10.2 million in 2024, and 10.55 million in 2025. Visitor spending is estimated to increase 45.2 percent in 2022. The forecast then projects an increase of 9.2 percent in 2023, 5.1 percent in 2024, and 4.9 percent in 2025.

Non-agriculture payroll jobs are estimated to increase 4.2 percent in 2022. The forecast projects an increase of 3.2 percent in 2023, 2.2 percent in 2024, and 1.9 percent in 2025.

Overall for 2022, the average annual unemployment rate is estimated to be 3.8 percent. The forecast projects a decrease to 3.6 percent in 2023, 3.2 percent in 2024, and 2.9 percent in 2025. 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 decrease by 0.9 percent in 2022. The forecast then projects an increase of 2.5 percent in 2023, 2.9 percent in 2024 and 3.0 percent in 2025.

Hawaii's consumer inflation rate, as measured by the Honolulu Consumer Price Index, for All Urban Consumers, is estimated to increase 6.3 percent in 2022. The forecast then projects an increase 3.2 percent in 2023, 2.3 percent in 2024, and 2.2 percent in 2025.

Hawaii's population is expected to decrease 0.1 percent in 2022, increase 0.1 percent in 2023, increase 0.2 percent in 2024 and 2025.

## ACTUAL AND FORECAST OF KEY ECONOMIC INDICATORS FOR HAWAII: 2020 TO 2025

| Economic Indicators | 2020 | 2021 1/ | 2022 | 2023 | 2024 | 2025 |
|---|---|---|---|---|---|---|
| | Actual | | Forecast | | | |
| Total population (thousands) 2/ | 1,452 | 1,442 | 1,440 | 1,441 | 1,444 | 1,446 |
| Visitor arrivals (thousands) 3/ | 2,708 | 6,778 | 9,191 | 9,838 | 10,223 | 10,503 |
| Visitor days (thousands) 3/ | 28,660 | 65,312 | 85,476 | 88,909 | 90,748 | 92,456 |
| Visitor expenditures (million dollars) 3/ | 5,162 | 13,154 | 19,101 | 20,862 | 21,932 | 23,015 |
| Honolulu CPI-U (1982-84=100) | 286.0 | 296.8 | 315.6 | 325.8 | 333.1 | 340.3 |
| Personal income (million dollars) | 82,527 | 87,054 | 86,285 | 88,442 | 91,045 | 93,766 |
| Real personal income (millions of 2012$) | 66,459 | 68,200 | 64,961 | 65,455 | 66,179 | 66,961 |
| Personal income deflator (2012=100) | 124.2 | 127.6 | 132.8 | 135.1 | 137.6 | 140.0 |
| Non-agricultural wage & salary jobs (thousands) | 559.9 | 583.5 | 608.1 | 627.6 | 641.4 | 653.5 |
| Civilian unemployment rate | 12.0 | 5.7 | 3.8 | 3.6 | 3.2 | 2.9 |
| Gross domestic product (million dollars) | 82,885 | 90,059 | 97,161 | 101,421 | 105,615 | 109,670 |
| Real gross domestic product (millions of 2012$) | 70,625 | 73,880 | 75,805 | 77,131 | 78,781 | 80,376 |
| Gross domestic product deflator (2012=100) | 117.4 | 121.9 | 128.2 | 131.5 | 134.1 | 136.4 |
| **Annual Percentage Change** | | | | | | |
| Total population | (NA) | -0.7 | -0.1 | 0.1 | 0.2 | 0.2 |
| Visitor arrivals | -73.9 | 150.3 | 35.6 | 7.0 | 3.9 | 2.7 |
| Visitor days | -68.3 | 127.9 | 30.9 | 4.0 | 2.1 | 1.9 |
| Visitor expenditures | -71.1 | 154.8 | 45.2 | 9.2 | 5.1 | 4.9 |
| Honolulu CPI-U | 1.6 | 3.8 | 6.3 | 3.2 | 2.3 | 2.2 |
| Personal income | 5.1 | 5.5 | -0.9 | 2.5 | 2.9 | 3.0 |
| Real personal income | 3.4 | 2.6 | -4.7 | 0.8 | 1.1 | 1.2 |
| Personal income deflator (2012=100) | 1.7 | 2.8 | 4.1 | 1.7 | 1.8 | 1.8 |
| Non-agricultural wage & salary jobs | -15.0 | 4.2 | 4.2 | 3.2 | 2.2 | 1.9 |
| Civilian unemployment rate 4/ | 9.5 | -6.3 | -1.9 | -0.2 | -0.4 | -0.3 |
| Gross domestic product | -9.7 | 8.7 | 7.9 | 4.4 | 4.1 | 3.8 |
| Real gross domestic product | -10.8 | 4.6 | 2.6 | 1.7 | 2.1 | 2.0 |
| Gross domestic product deflator (2012=100) | 1.1 | 3.9 | 5.1 | 2.6 | 2.0 | 1.8 |

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, August 24, 2022.

# COUNTY ECONOMIC CONDITIONS

Overall economic conditions were mixed across the counties in the second quarter of 2022. The unemployment rate decreased in all counties, while total non-agricultural wage and salary jobs and total visitor arrivals by air increased. The value of private building permits decreased in Honolulu, Maui and Hawaii counties, but increased in Kauai County.

In the second quarter of 2022, the unemployment rate in Honolulu decreased 1.8 percentage points from 5.4 percent to 3.6 percent; the unemployment rate in Maui County decreased 3.4 percentage points from 7.8 percent to 4.4 percent; the unemployment rate in Hawaii County decreased 2.0 percentage points from 5.8 percent to 3.8 percent; and the unemployment rate in Kauai County decreased 3.8 percentage points from 8.4 percent to 4.6 percent.

In the second quarter of 2022, Honolulu added 15,500 or 3.7 percent non-agricultural wage and salary jobs compared to the same quarter of 2021. Jobs increased the most in Food Services and Drinking Places which added 5,700 jobs or 14.5 percent. This was followed by Accommodation which added 5,600 jobs or 54.9 percent, Other Services which added 1,600 jobs or 8.9 percent, and Retail Trade which added 1,400 jobs or 6.5 percent in the quarter. The Government sector added 300 jobs or 0.3 percent in the quarter.

In the second quarter of 2022, Hawaii County added 2,500 or 3.9 percent of non-agricultural wage and salary jobs over the same quarter of 2021. Jobs increased the most in Accommodation which added 1,100 jobs or 22.4 percent. This was followed by Food Services and Drinking Places, Retail Trade, Professional & Business Services, and Arts, Entertainment & Recreation, each added 300 jobs in the quarter. The Government sector job was unchanged in the quarter.

Maui County added 3,400 jobs or a 4.9 percent increase in the second quarter of 2022 over the same quarter of 2021. Jobs increased the most in Accommodation which added 2,100 jobs or 21.4 percent. This was followed by Food Services and Drinking Places which added 600 jobs or 7.4 percent, Transportation, Warehousing & Utilities which added 300 jobs or 8.3 percent, and Professional & Business Services which added 300 jobs or 4.7 percent in the quarter. The Government sector lost 300 jobs or 3.4 percent in the quarter.

Kauai County added 2,000 jobs or a 7.2 percent increase in the second quarter of 2022 over the same quarter of 2021. Jobs increased the most in Accommodation which added 1,000 jobs or 37.0 percent. This was followed by Food Services and Drinking Places which added 500 jobs or 15.2 percent, Retail Trade which added 400 jobs or 11.4 percent, and Arts, Entertainment & Recreation which added 300 jobs or 37.5 percent in the quarter. The Government sector lost 200 jobs or 3.9 percent in the quarter.

In the second quarter of 2022, visitor arrivals by air increased in all counties. Visitor arrivals by air increased 36.8 percent in Honolulu, 21.0 percent in Maui, 35.8 percent in Hawaii County, and 66.2 percent in Kauai compared to the same quarter of 2021.

In the second quarter of 2022, the value of private building permits decreased in Honolulu, Maui and Hawaii counties, but increased in Kauai County. In the second quarter of 2022, private building permits decreased $58.2 million or 40.8 percent in Maui, decreased $24.3 million or 9.3 percent in Hawaii County, decreased $634.6 million or 69.0 percent in Honolulu, but increased $6.0 million or 26.0 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 | 2nd QUARTER | | | YEAR-TO-DATE | | |
|---|---|---|---|---|---|---|
| | 2021 | 2022 | % CHANGE YEAR AGO | 2021 | 2022 | % CHANGE YEAR AGO |
| Civilian labor force, NSA (persons) 1/ | 449,600 | 454,350 | 1.1 | 448,700 | 454,500 | 1.3 |
| Civilian employed | 425,200 | 438,150 | 3.0 | 422,800 | 438,450 | 3.7 |
| Civilian unemployed | 24,400 | 16,200 | -33.6 | 25,950 | 16,050 | -38.2 |
| Unemployment rate, NSA (%) 1/ 2/ | 5.4 | 3.6 | -1.8 | 5.8 | 3.5 | -2.3 |
| Total wage and salary jobs | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Total non-agric. wage & salary jobs | 421,900 | 437,400 | 3.7 | 414,100 | 434,700 | 5.0 |
| Nat. Resources, Mining, Constr. | 27,100 | 26,100 | -3.7 | 27,000 | 26,200 | -3.0 |
| Manufacturing | 8,900 | 9,200 | 3.4 | 8,900 | 9,100 | 2.2 |
| Wholesale Trade | 12,900 | 12,800 | -0.8 | 12,800 | 12,900 | 0.8 |
| Retail Trade | 40,500 | 40,800 | 0.7 | 40,400 | 41,400 | 2.5 |
| Transp., Warehousing, Util. | 21,400 | 22,800 | 6.5 | 20,400 | 22,800 | 11.8 |
| Information | 6,300 | 7,100 | 12.7 | 6,600 | 7,000 | 6.1 |
| Financial Activities | 21,100 | 20,600 | -2.4 | 21,100 | 20,600 | -2.4 |
| Professional & Business Services | 53,200 | 53,300 | 0.2 | 52,200 | 53,300 | 2.1 |
| Educational Services | 10,000 | 10,900 | 9.0 | 9,900 | 10,700 | 8.1 |
| Health Care & Social Assistance | 53,500 | 53,100 | -0.7 | 53,400 | 53,000 | -0.7 |
| Arts, Entertainment & Recreation | 5,300 | 6,200 | 17.0 | 4,800 | 6,000 | 25.0 |
| Accommodation | 10,200 | 15,800 | 54.9 | 8,500 | 15,200 | 78.8 |
| Food Services & Drinking Places | 39,200 | 44,900 | 14.5 | 37,200 | 43,700 | 17.5 |
| Other Services | 18,000 | 19,600 | 8.9 | 17,900 | 19,100 | 6.7 |
| Government | 94,000 | 94,300 | 0.3 | 93,100 | 93,700 | 0.6 |
| Federal | 32,200 | 32,300 | 0.3 | 32,100 | 32,100 | 0.0 |
| State | 49,800 | 50,100 | 0.6 | 49,000 | 49,800 | 1.6 |
| Local | 12,000 | 11,800 | -1.7 | 12,000 | 11,800 | -1.7 |
| Agriculture wage and salary jobs | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| General excise & use tax rev. ($1,000) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Income-individual | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Declaration estimated taxes | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Payment with returns | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Withholding tax on wages | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Refunds | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Transient accommodations tax | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Honolulu County Surcharge 3/ | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Private Building Permits ($1,000) | 919,250 | 284,613 | -69.0 | 1,410,231 | 779,091 | -44.8 |
| Residential | 574,398 | 69,298 | -87.9 | 697,615 | 295,809 | -57.6 |
| Commercial & industrial | 5,548 | 15,950 | 187.5 | 37,716 | 54,455 | 44.4 |
| Additions & alterations | 339,304 | 199,364 | -41.2 | 674,900 | 428,828 | -36.5 |
| Visitor Days - by air | 7,553,407 | 9,302,562 | 23.2 | 11,370,779 | 17,020,509 | 49.7 |
| Domestic visitor days - by air | 7,411,450 | 8,119,522 | 9.6 | 11,118,719 | 14,938,214 | 34.4 |
| International visitor days - by air | 141,956 | 1,183,041 | 733.4 | 252,059 | 2,082,295 | 726.1 |
| Visitor arrivals by air - by air | 928,728 | 1,270,145 | 36.8 | 1,319,940 | 2,260,353 | 71.2 |
| Domestic flight visitors - by air | 920,332 | 1,123,199 | 22.0 | 1,306,152 | 2,034,222 | 55.7 |
| International flight visitors - by air | 8,395 | 146,946 | 1,650.3 | 13,788 | 226,131 | 1,540.0 |
| Visitor expenditures - by air ($1,000) | 1,543,873 | 2,223,377 | 44.0 | 2,213,061 | 4,003,001 | 80.9 |
| Hotel occupancy rates 2/ | 60.6 | 76.5 | 15.9 | 46.3 | 73.4 | 27.1 |

NA Not available. X Division by zero not meaningful.

1/ Labor force and jobs are Hawaii DLIR-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 <http://www.hawaii.gov/dbedt/inf>, Hawaii State Department of Labor & Industrial Relations <http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94>; Hawaii State Department of Taxation <http://www.hawaii.gov/tax/a5_3txcolrpt.htm> and Hospitality Advisors, LLC. 8/30/2022

## Table 3. 2022 QUARTERLY ECONOMIC INDICATORS: HAWAII COUNTY

| SERIES | 2nd QUARTER | | | YEAR-TO-DATE | | |
|---|---|---|---|---|---|---|
| | 2021 | 2022 | % CHANGE YEAR AGO | 2021 | 2022 | % CHANGE YEAR AGO |
| Civilian labor force, NSA (persons) 1/ | 93,400 | 92,950 | -0.5 | 93,100 | 93,350 | 0.3 |
| Civilian employed | 88,050 | 89,400 | 1.5 | 87,450 | 89,850 | 2.7 |
| Civilian unemployed | 5,350 | 3,550 | -33.6 | 5,650 | 3,450 | -38.9 |
| Unemployment rate, NSA (%) 1/ 2/ | 5.8 | 3.8 | -2.0 | 6.1 | 3.7 | -2.4 |
| Total wage and salary jobs | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Total non-agric. wage & salary jobs | 64,400 | 66,900 | 3.9 | 63,300 | 66,400 | 4.9 |
| Nat. Resources, Mining, Constr. | 3,700 | 3,500 | -5.4 | 3,700 | 3,600 | -2.7 |
| Manufacturing | 1,400 | 1,600 | 14.3 | 1,400 | 1,500 | 7.1 |
| Wholesale Trade | 1,600 | 1,500 | -6.3 | 1,600 | 1,600 | 0.0 |
| Retail Trade | 9,400 | 9,700 | 3.2 | 9,300 | 9,800 | 5.4 |
| Transp., Warehousing, Util. | 2,900 | 2,900 | 0.0 | 2,800 | 3,000 | 7.1 |
| Information | 600 | 600 | 0.0 | 500 | 600 | 20.0 |
| Financial Activities | 2,300 | 2,000 | -13.0 | 2,300 | 2,100 | -8.7 |
| Professional & Business Services | 5,900 | 6,200 | 5.1 | 5,900 | 6,000 | 1.7 |
| Educational Services | 1,200 | 1,300 | 8.3 | 1,200 | 1,300 | 8.3 |
| Health Care & Social Assistance | 7,500 | 7,700 | 2.7 | 7,500 | 7,600 | 1.3 |
| Arts, Entertainment & Recreation | 1,300 | 1,600 | 23.1 | 1,300 | 1,500 | 15.4 |
| Accommodation | 4,900 | 6,000 | 22.4 | 4,500 | 5,800 | 28.9 |
| Food Services & Drinking Places | 5,800 | 6,100 | 5.2 | 5,500 | 6,200 | 12.7 |
| Other Services | 2,000 | 2,100 | 5.0 | 2,000 | 2,100 | 5.0 |
| Government | 14,100 | 14,100 | 0.0 | 14,000 | 14,100 | 0.7 |
| Federal | 1,300 | 1,200 | -7.7 | 1,300 | 1,200 | -7.7 |
| State | 10,100 | 10,200 | 1.0 | 10,000 | 10,200 | 2.0 |
| Local | 2,700 | 2,700 | 0.0 | 2,700 | 2,700 | 0.0 |
| Agriculture wage and salary jobs | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| General excise & use tax rev. ($1,000) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Income-individual | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Declaration estimated taxes | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Payment with returns | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Withholding tax on wages | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Refunds | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Transient accommodations tax | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Honolulu County Surcharge 3/ | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Private Building Permits ($1,000) | 260,762 | 236,497 | -9.3 | 425,178 | 422,736 | -0.6 |
| Residential | 143,535 | 134,347 | -6.4 | 239,913 | 246,349 | 2.7 |
| Commercial & industrial | 70,245 | 57,459 | -18.2 | 106,673 | 93,880 | -12.0 |
| Additions & alterations | 46,982 | 44,691 | -4.9 | 78,592 | 82,507 | 5.0 |
| Visitor Days - by air | 2,927,790 | 3,426,424 | 17.0 | 4,761,192 | 6,854,280 | 44.0 |
| Domestic visitor days - by air | 2,925,968 | 3,302,784 | 12.9 | 4,744,496 | 6,525,878 | 37.5 |
| International visitor days - by air | 1,823 | 123,640 | 6,682.8 | 16,696 | 328,402 | 1,866.9 |
| Visitor arrivals by air - by air | 321,550 | 437,699 | 36.1 | 485,070 | 812,729 | 67.5 |
| Domestic flight visitors - by air | 321,405 | 416,313 | 29.5 | 484,514 | 772,544 | 59.4 |
| International flight visitors - by air | 145 | 21,386 | 14,599.4 | 555 | 40,185 | 7,134.4 |
| Visitor expenditures - by air ($1,000) | 451,988 | 631,036 | 39.6 | 704,075 | 1,283,010 | 82.2 |
| Hotel occupancy rates 2/ | 64.9 | 75.8 | 10.9 | 50.8 | 76.2 | 25.4 |

NA Not available. X Division by zero not meaningful.

1/ Labor force and jobs are Hawaii DLIR-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 <http://www.hawaii.gov/dbedt/inf>, Hawaii State Department of Labor & Industrial Relations <http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94>; Hawaii State Department of Taxation <http://www.hawaii.gov/tax/a5_3txcolrpt.htm> and Hospitality Advisors, LLC. 8/30/2022

## Table 4. 2022 QUARTERLY ECONOMIC INDICATORS: MAUI COUNTY

| SERIES | 2nd QUARTER 2021 | 2nd QUARTER 2022 | 2nd QUARTER % CHANGE YEAR AGO | YEAR-TO-DATE 2021 | YEAR-TO-DATE 2022 | YEAR-TO-DATE % CHANGE YEAR AGO |
|---|---|---|---|---|---|---|
| Civilian labor force, NSA (persons) 1/ | 86,800 | 86,500 | -0.3 | 85,500 | 87,100 | 1.9 |
| Civilian employed | 80,050 | 82,700 | 3.3 | 78,250 | 83,200 | 6.3 |
| Civilian unemployed | 6,750 | 3,850 | -43.0 | 7,250 | 3,950 | -45.5 |
| Unemployment rate, NSA (%) 1/ 2/ | 7.8 | 4.4 | -3.4 | 8.5 | 4.5 | -4.0 |
| Total wage and salary jobs | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Total non-agric. wage & salary jobs | 69,100 | 72,500 | 4.9 | 66,600 | 72,200 | 8.4 |
| Nat. Resources, Mining, Constr. | 4,300 | 4,100 | -4.7 | 4,300 | 4,200 | -2.3 |
| Manufacturing | 1,000 | 1,100 | 10.0 | 1,000 | 1,100 | 10.0 |
| Wholesale Trade | 1,300 | 1,400 | 7.7 | 1,300 | 1,400 | 7.7 |
| Retail Trade | 8,900 | 8,900 | 0.0 | 8,800 | 9,000 | 2.3 |
| Transp., Warehousing, Util. | 3,600 | 3,900 | 8.3 | 3,400 | 3,900 | 14.7 |
| Information | 500 | 600 | 20.0 | 500 | 600 | 20.0 |
| Financial Activities | 2,600 | 2,700 | 3.8 | 2,500 | 2,700 | 8.0 |
| Professional & Business Services | 6,400 | 6,700 | 4.7 | 6,200 | 6,600 | 6.5 |
| Educational Services | 1,200 | 1,300 | 8.3 | 1,200 | 1,300 | 8.3 |
| Health Care & Social Assistance | 7,900 | 7,800 | -1.3 | 7,900 | 7,800 | -1.3 |
| Arts, Entertainment & Recreation | 1,600 | 1,400 | -12.5 | 1,500 | 1,600 | 6.7 |
| Accommodation | 9,800 | 11,900 | 21.4 | 8,900 | 11,600 | 30.3 |
| Food Services & Drinking Places | 8,100 | 8,700 | 7.4 | 7,500 | 8,700 | 16.0 |
| Other Services | 3,000 | 3,200 | 6.7 | 2,900 | 3,200 | 10.3 |
| Government | 8,900 | 8,600 | -3.4 | 8,800 | 8,600 | -2.3 |
| Federal | 900 | 900 | 0.0 | 900 | 900 | 0.0 |
| State | 5,400 | 5,100 | -5.6 | 5,300 | 5,100 | -3.8 |
| Local | 2,600 | 2,600 | 0.0 | 2,600 | 2,600 | 0.0 |
| Agriculture wage and salary jobs | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| General excise & use tax rev. ($1,000) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Income-individual | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Declaration estimated taxes | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Payment with returns | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Withholding tax on wages | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Refunds | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Transient accommodations tax | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Honolulu County Surcharge 3/ | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Private Building Permits ($1,000) | 142,543 | 84,392 | -40.8 | 246,096 | 239,065 | -2.9 |
| Residential | 76,817 | 48,213 | -37.2 | 118,862 | 157,234 | 32.3 |
| Commercial & industrial | 26,044 | 10,703 | -58.9 | 74,360 | 34,745 | -53.3 |
| Additions & alterations | 39,683 | 25,476 | -35.8 | 52,874 | 47,087 | -10.9 |
| Visitor Days - by air | 5,717,804 | 6,366,260 | 11.3 | 9,018,602 | 11,988,145 | 32.9 |
| Domestic visitor days - by air | 5,712,311 | 5,954,445 | 4.2 | 8,959,137 | 10,939,064 | 22.1 |
| International visitor days - by air | 5,493 | 411,814 | 7,396.8 | 59,465 | 1,049,081 | 1,664.2 |
| Visitor arrivals by air - by air | 665,808 | 803,075 | 20.6 | 1,000,646 | 1,430,828 | 43.0 |
| Domestic flight visitors - by air | 665,535 | 753,561 | 13.2 | 998,457 | 1,331,026 | 33.3 |
| International flight visitors - by air | 273 | 49,514 | 18,056.3 | 2,189 | 99,803 | 4,460.3 |
| Visitor expenditures - by air ($1,000) | 1,128,342 | 1,548,349 | 37.2 | 1,672,596 | 2,874,412 | 71.9 |
| Hotel occupancy rates 2/ | 69.6 | 70.0 | 0.4 | 52.1 | 68.7 | 16.6 |

NA Not available. X Division by zero not meaningful.

1/ Labor force and jobs are Hawaii DLIR-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 <http://www.hawaii.gov/dbedt/inf>, Hawaii State Department of Labor & Industrial Relations <http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94>; Hawaii State Department of Taxation <http://www.hawaii.gov/tax/a5_3txcolrpt.htm> and Hospitality Advisors, LLC. 8/30/2022

## Table 5. 2022 QUARTERLY ECONOMIC INDICATORS: KAUAI COUNTY

| SERIES | 2nd QUARTER 2021 | 2nd QUARTER 2022 | 2nd QUARTER % CHANGE YEAR AGO | YEAR-TO-DATE 2021 | YEAR-TO-DATE 2022 | YEAR-TO-DATE % CHANGE YEAR AGO |
|---|---|---|---|---|---|---|
| Civilian labor force, NSA (persons) 1/ | 36,000 | 36,300 | 0.8 | 34,900 | 36,450 | 4.4 |
| Civilian employed | 32,950 | 34,600 | 5.0 | 31,700 | 34,700 | 9.5 |
| Civilian unemployed | 3,000 | 1,700 | -43.3 | 3,200 | 1,750 | -45.3 |
| Unemployment rate, NSA (%) 1/ 2/ | 8.4 | 4.6 | -3.8 | 9.2 | 4.8 | -4.4 |
| Total wage and salary jobs | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Total non-agric. wage & salary jobs | 27,900 | 29,900 | 7.2 | 26,400 | 29,700 | 12.5 |
| Nat. Resources, Mining, Constr. | 2,100 | 2,100 | 0.0 | 2,100 | 2,100 | 0.0 |
| Manufacturing | 500 | 600 | 20.0 | 400 | 600 | 50.0 |
| Wholesale Trade | 500 | 400 | -20.0 | 500 | 500 | 0.0 |
| Retail Trade | 3,500 | 3,900 | 11.4 | 3,400 | 3,900 | 14.7 |
| Transp., Warehousing, Util. | 1,400 | 1,500 | 7.1 | 1,300 | 1,600 | 23.1 |
| Information | 200 | 200 | 0.0 | 200 | 200 | 0.0 |
| Financial Activities | 1,000 | 900 | -10.0 | 1,000 | 900 | -10.0 |
| Professional & Business Services | 2,800 | 2,700 | -3.6 | 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 | 800 | 1,100 | 37.5 | 800 | 1,000 | 25.0 |
| Accommodation | 2,700 | 3,700 | 37.0 | 2,200 | 3,600 | 63.6 |
| Food Services & Drinking Places | 3,300 | 3,800 | 15.2 | 2,900 | 3,800 | 31.0 |
| Other Services | 1,000 | 1,100 | 10.0 | 1,000 | 1,100 | 10.0 |
| Government | 5,100 | 4,900 | -3.9 | 5,000 | 4,900 | -2.0 |
| Federal | 600 | 500 | -16.7 | 600 | 500 | -16.7 |
| State | 3,200 | 3,100 | -3.1 | 3,100 | 3,100 | 0.0 |
| Local | 1,300 | 1,300 | 0.0 | 1,300 | 1,300 | 0.0 |
| Agriculture wage and salary jobs | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| General excise & use tax rev. ($1,000) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Income-individual | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Declaration estimated taxes | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Payment with returns | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Withholding tax on wages | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Refunds | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Transient accommodations tax | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Honolulu County Surcharge 3/ | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Private Building Permits ($1,000) | 23,285 | 29,328 | 26.0 | 67,004 | 62,065 | -7.4 |
| Residential | 23,285 | 29,328 | 26.0 | 67,004 | 62,065 | -7.4 |
| Commercial & industrial | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Additions & alterations | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Visitor Days - by air | 1,930,957 | 2,788,504 | 44.4 | 2,285,189 | 5,151,912 | 125.4 |
| Domestic visitor days - by air | 1,930,732 | 2,727,393 | 41.3 | 2,284,834 | 4,964,120 | 117.3 |
| International visitor days - by air | 225 | 61,111 | 27,001.8 | 356 | 187,792 | 52,712.2 |
| Visitor arrivals by air - by air | 219,499 | 364,338 | 66.0 | 245,966 | 644,139 | 161.9 |
| Domestic flight visitors - by air | 219,474 | 353,703 | 61.2 | 245,921 | 621,230 | 152.6 |
| International flight visitors - by air | 25 | 10,635 | 41,619.2 | 44 | 22,908 | 51,414.0 |
| Visitor expenditures - by air ($1,000) | 378,133 | 584,825 | 54.7 | 489,412 | 1,055,138 | 115.6 |
| Hotel occupancy rates 2/ | 57.2 | 81.9 | 24.8 | 42.2 | 77.7 | 35.4 |

NA Not available.

1/ Labor force and jobs are Hawaii DLIR-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 <http://www.hawaii.gov/dbedt/inf>, Hawaii State Department of Labor & Industrial Relations <http://www.hiwi.org/cgi/dataanalysis/?PAGEID=94>; Hawaii State Department of Taxation <http://www.hawaii.gov/tax/a5_3txcolrpt.htm> and Hospitality Advisors, LLC. 8/30/2022

# A. LABOR FORCE AND JOBS

Hawaii's labor market conditions were mostly positive in the second quarter of 2021. The civilian labor force and civilian employment increased, civilian unemployment and the unemployment rate declined. Civilian non-agricultural wage and salary jobs increased.

In the second quarter of 2022, the civilian labor force averaged 670,100 people, an increase of 4,350 people or 0.7 percent from the same quarter of 2021 (Table A-1). In the first half of 2022, the civilian labor force increased 9,200 people or 1.4 percent from the same period of the previous year.

Civilian employment averaged 644,800 people in the second quarter of 2022, an increase of 18,600 people or 3.0 percent compared to the same quarter of 2021 (Table A-2). In the first half of 2022, average civilian employment increased 26,050 people or 4.2 percent from the same period of the previous year.

In the second quarter of 2022, the number of civilian unemployed averaged 25,300, a decrease of 14,250 people or 36.0 percent from the same quarter of 2021 (Table A-3). In the first half of 2022, the number of unemployed decreased 16,850 people or 40.1 percent from the same period of the previous year.

The unemployment rate (not seasonally adjusted) was 3.8 percent in the second quarter of 2022, 2.2 percentage points below the second quarter of 2021 (Table A-4). In the first half of 2022, the unemployment rate decreased 2.6 percentage points from the previous year's 6.4 percent to 3.8 percent.

In the second quarter of 2022, Hawaii's non-agricultural wage and salary jobs averaged 606,800 jobs, an increase of 23,300 jobs or 4.0 percent from the same quarter of 2021 (Table A-6). In the first half of 2022, average non-agricultural wage and salary jobs increased 5.6 percent or 32,000 jobs from the same period of the previous year.

The job increase in the second quarter of 2022 was mainly due to job increases in the private sector. In this quarter, the private sector added about 23,200 non-agricultural jobs compared to the second quarter of 2021. Most of the private sector industries added jobs in the quarter. Jobs increased the most in Accommodation, which added 9,600 jobs or 34.7 percent (Table A-18); followed by Food Services and Drinking Places, which added 7,100 jobs or 12.6 percent (Table A-19), Other Services, which added 1,900 jobs or 7.9 percent (Table A-20), Transportation, Warehousing & Utilities, which added 1,800 jobs or 6.1 percent (Table A-11), and Arts, Entertainment & Recreation, which added 1,200 jobs or 13.0 percent (Table A-17) in the quarter.

The Government sector lost 100 jobs or 0.1 percent (Table A-21) in the second quarter of 2022 compared to the same quarter of 2021. The Federal Government added 100 jobs or 0.3 percent (Table A-22), the State Government remained the same jobs (Table A-23), and the Local Government lost 200 jobs or 1.1 percent (Table A-24), compared to the second quarter of 2021.

## 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 | 606,800 | (NA) | Year-to-Date | 602,900 |
| 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 | 4.0 | (NA) | Year-to-Date | 5.6 |

NA Not available.
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.

# B. INCOME AND PRICES

In the first quarter of 2022, total annualized nominal GDP increased $11,403 million or 13.5 percent, from the first quarter of 2021. In 2021, total annualized nominal GDP increased $7,175 million or 8.7 percent from the previous year. In the first quarter of 2022, total annualized real GDP (in chained 2012 dollars) increased $4,648 million or 6.6 percent from the first quarter of 2021. In 2021, total annualized real GDP increased $3,254 million or 4.6 percent from the previous year (Tables B-1 to B-3).

Growth of real GDP in the first quarter of 2022 over the same quarter of 2021 was largely due to the increases in dollar terms in Accommodation and food services of $2,940 million or 69.5 percent; Real estate and rental and leasing of $577.5 million or 4.5 percent; and Transportation and warehousing of $453.4 million or 20.3 percent. Declines were seen in Retail trade of $372.0 million or 6.9 percent, Construction of $238.6 million or 6.0 percent, and Finance and insurance of $198.0 million or 6.4 percent.

Hawaii's total personal income decreased during the first quarter of 2022, over the same quarter of 2021, mainly due to decreased personal current transfer receipts. Other components increased in the quarter.

In the first quarter of 2022, total nominal annualized personal income (i.e. not adjusted for inflation) decreased $5,548.6 million or 6.1 percent over that of 2021 (Table B-5). In 2021, average personal income was $86,531.3 million, an increase of $4,003.9 million or 4.9 percent from the previous year. In the first quarter of 2022, personal income per capita was $58,967, a 5.6 percent decrease over the same quarter of the previous year (Table B-6).

In the first quarter of 2022, wages and salaries increased $4,796.6 million or 13.2 percent over of 2021. In 2021, wages and salaries increased $2,822.6 million or 7.7 percent from the previous year (Table B-8).

Supplements to wages and salaries, consisting of employer payments to retirement plans, private group health insurance plans, private workers compensation plans, and other such benefits, increased $464.8 million or 4.2 percent in the first quarter of 2022 from the same quarter of 2021 (Table B-9). In 2021, supplements to wages and salaries increased $518.4 million or 4.8 percent from the previous year.

Proprietors' income increased $499.3 million or 7.3 percent in the first quarter of 2022 over that of 2021 (Table B-10). In 2021, proprietors' income was up $311.4 million or 4.5 percent from the previous year.

Dividends, interest, and rent increased $413.9 million or 2.7 percent in the first quarter of 2022 from the same quarter of 2021. In 2021, income in this category was up $106.9 million or 0.7 percent from the previous year (Table B-11).

The annualized personal current transfer receipts decreased $10,981.3 million or 40.5 percent in the first quarter of 2022 from the same quarter of 2021 (Table B-12). In 2021, personal current transfer receipts increased $718.4 million or 3.7 percent from the previous year.

Contributions to government social insurance (which is subtracted from total personal income, increased $741.8 million or 11.7 percent in the first quarter of 2022 compared to the first quarter of 2021. In 2021, these contributions increased $473.9 million or 7.5 percent from the previous year (Table B-13).

In the first quarter of 2022, total non-farm private sector annualized earnings increased $6,256.7 million or 16.7 percent from the first quarter of 2021. In dollar terms, the largest increase occurred in accommodation and food services; followed by health care and social assistance, transportation and warehousing, retail trade, and construction. During the first quarter of 2022, total government earnings decreased $491.6 million or 3.0 percent from the same quarter of 2021. Earnings from the federal government increased $199.6 million or 2.3 percent. Earnings from the state and local governments decreased $691.2 million or 8.9 percent in the quarter.

In the first half of 2022, Honolulu's Consumer Price Index for Urban Consumers (CPI-U) increased 6.7 percent from the same period in 2021 (Table B-14). This is 1.6 percentage point below the 8.3 percent increase for the U.S. average CPI-U but is higher than the first half of 2021 Honolulu CPI-U increase of 2.6 percent from the same period of the previous year. In the first half of 2022, the Honolulu CPI-U increased the most in Transportation (16.9 percent), followed by Food and Beverages (8.6 percent), Recreation (5.4 percent), Other Goods and Services (4.7 percent), Housing (4.5 percent), Education and Communication (1.3 percent), and Apparel (1.0 percent) compared to the first half of 2021.

## 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 2021 | Second Quarter 2021 | Third Quarter 2021 | Fourth Quarter 2021 | First Quarter 2022 | AnnAver 2021 | Percentage change: First Quarter 2022 — First Quarter 2021 | Percentage change: First Quarter 2022 — Fourth Quarter 2021 | Percentage change: Ann Aver — 2021 from 2020 |
|---|---|---|---|---|---|---|---|---|---|
| PERSONAL INCOME | 90,270,885 | 85,251,142 | 86,164,338 | 84,438,714 | 84,722,247 | 86,531,270 | -6.1 | 0.3 | 4.9 |
| Earnings By Place of Work | 54,315,723 | 57,537,375 | 60,288,535 | 59,579,878 | 60,076,390 | 57,930,378 | 10.6 | 0.8 | 6.7 |
| Wages and salaries | 36,450,099 | 38,962,304 | 41,147,684 | 40,691,721 | 41,246,683 | 39,312,952 | 13.2 | 1.4 | 7.7 |
| Supplements to wages and salaries | 11,039,677 | 11,402,497 | 11,748,363 | 11,457,783 | 11,504,441 | 11,412,080 | 4.2 | 0.4 | 4.8 |
| Emp'er contrib. for emp'ee pension & ins. funds | 8,072,986 | 8,244,164 | 8,421,654 | 8,166,105 | 8,167,281 | 8,226,227 | 1.2 | 0.0 | 3.6 |
| Employer contributions for gov't social ins. | 2,966,691 | 3,158,333 | 3,326,709 | 3,291,678 | 3,337,160 | 3,185,853 | 12.5 | 1.4 | 8.0 |
| Proprietors' income | 6,825,947 | 7,172,574 | 7,392,488 | 7,430,374 | 7,325,266 | 7,205,346 | 7.3 | -1.4 | 4.5 |
| Farm proprietors' income | -4,991 | 4,452 | -17,465 | -848 | -23,218 | -4,713 | (2/) | (2/) | (2/) |
| Nonfarm proprietors' income | 6,830,938 | 7,168,122 | 7,409,953 | 7,431,222 | 7,348,484 | 7,210,059 | 7.6 | -1.1 | 5.4 |
| Dividends, interest, and rent | 15,148,097 | 15,206,312 | 15,295,983 | 15,471,943 | 15,561,963 | 15,280,584 | 2.7 | 0.6 | 0.7 |
| plus: Personal current transfer receipts | 27,123,924 | 19,222,051 | 17,636,665 | 16,341,871 | 16,142,579 | 20,081,128 | -40.5 | -1.2 | 3.7 |
| Social Security benefits | 4,925,207 | 4,941,264 | 4,977,414 | 5,023,766 | 5,369,808 | 4,966,913 | 9.0 | 6.9 | 3.8 |
| Medicare benefits | 2,973,536 | 2,977,741 | 3,019,000 | 3,097,321 | 3,149,491 | 3,016,900 | 5.9 | 1.7 | 0.9 |
| Medicaid | 2,816,720 | 2,966,171 | 3,097,080 | 3,133,548 | 3,109,345 | 3,003,380 | 10.4 | -0.8 | 22.9 |
| State unempl. ins. comp. | 4,031,253 | 3,104,170 | 1,683,869 | 254,057 | 174,402 | 2,268,337 | -95.7 | -31.4 | -41.6 |
| All other personal current transfer receipts | 12,377,208 | 5,232,705 | 4,859,302 | 4,833,179 | 4,339,533 | 6,825,599 | -64.9 | -10.2 | 29.8 |
| Less: Contributions for gov't social insurance | 6,316,859 | 6,714,596 | 7,056,845 | 6,954,978 | 7,058,685 | 6,760,820 | 11.7 | 1.5 | 7.5 |
| Personal contributions for gov't social ins. | 3,350,168 | 3,556,263 | 3,730,136 | 3,663,300 | 3,721,525 | 3,574,967 | 11.1 | 1.6 | 7.2 |
| Employer contributions for gov't social ins. | 2,966,691 | 3,158,333 | 3,326,709 | 3,291,678 | 3,337,160 | 3,185,853 | 12.5 | 1.4 | 8.0 |
| Earnings By Industry | 54,315,723 | 57,537,375 | 60,288,535 | 59,579,878 | 60,076,390 | 57,930,378 | 10.6 | 0.8 | 6.7 |
| Farm Earnings | 219,214 | 232,994 | 212,030 | 232,457 | 214,793 | 224,174 | -2.0 | -7.6 | -15.9 |
| Nonfarm Earnings | 54,096,509 | 57,304,381 | 60,076,505 | 59,347,421 | 59,861,597 | 57,706,204 | 10.7 | 0.9 | 6.8 |
| Private earnings | 37,488,815 | 40,977,180 | 43,736,430 | 43,265,359 | 43,745,474 | 41,366,946 | 16.7 | 1.1 | 9.5 |
| Forestry, fishing, & related activities | 99,178 | 108,631 | 130,025 | 127,827 | 123,048 | 116,415 | 24.1 | -3.7 | 30.0 |
| Mining | 28,739 | 28,954 | 27,624 | 29,658 | 30,201 | 28,744 | 5.1 | 1.8 | -0.6 |
| Utilities | 658,084 | 634,173 | 692,674 | 561,955 | 572,335 | 636,722 | -13.0 | 1.8 | 0.3 |
| Construction | 4,798,237 | 4,894,706 | 5,052,554 | 5,054,806 | 5,155,750 | 4,950,076 | 7.5 | 2.0 | 3.8 |
| Manufacturing | 922,880 | 981,587 | 1,019,030 | 1,005,053 | 999,963 | 982,138 | 8.4 | -0.5 | 2.5 |
| Durable goods | 318,018 | 328,518 | 312,171 | 306,911 | 315,011 | 316,405 | -0.9 | 2.6 | -4.2 |
| Nondurable goods | 604,862 | 653,069 | 706,859 | 698,142 | 684,952 | 665,733 | 13.2 | -1.9 | 6.0 |
| Wholesale trade | 1,355,597 | 1,500,684 | 1,590,551 | 1,548,199 | 1,573,758 | 1,498,758 | 16.1 | 1.7 | 6.4 |
| Retail trade | 3,248,713 | 3,467,226 | 3,591,950 | 3,603,191 | 3,643,230 | 3,477,770 | 12.1 | 1.1 | 11.1 |
| Transportation and warehousing | 2,044,629 | 2,401,134 | 2,683,808 | 2,588,239 | 2,598,410 | 2,429,453 | 27.1 | 0.4 | 9.1 |
| Information | 869,188 | 974,556 | 1,084,319 | 971,955 | 980,850 | 975,005 | 12.8 | 0.9 | 21.7 |
| Finance and insurance | 2,133,148 | 2,024,501 | 1,964,756 | 1,973,637 | 1,997,466 | 2,024,011 | -6.4 | 1.2 | 5.3 |
| Real estate and rental and leasing | 2,132,060 | 2,177,684 | 2,258,294 | 2,276,230 | 2,256,689 | 2,211,067 | 5.8 | -0.9 | 5.6 |
| Prof., scientific, & technical services | 3,449,062 | 3,602,114 | 3,689,908 | 3,699,248 | 3,781,864 | 3,610,083 | 9.6 | 2.2 | 8.1 |
| Management of companies and enterprises | 891,871 | 988,157 | 1,034,016 | 986,239 | 1,000,034 | 975,071 | 12.1 | 1.4 | -0.7 |
| Admin. & waste management services | 2,115,714 | 2,275,589 | 2,354,391 | 2,341,348 | 2,407,647 | 2,271,761 | 13.8 | 2.8 | 3.9 |
| Educational services | 840,746 | 883,910 | 915,539 | 950,037 | 958,614 | 897,558 | 14.0 | 0.9 | 8.3 |
| Health care and social assistance | 6,248,220 | 6,648,926 | 6,823,705 | 6,957,726 | 7,017,427 | 6,669,644 | 12.3 | 0.9 | 6.9 |
| Arts, entertainment, and recreation | 466,035 | 581,393 | 719,714 | 746,679 | 767,198 | 628,455 | 64.6 | 2.7 | 23.4 |
| Accommodation and food services | 2,998,388 | 4,575,408 | 5,731,094 | 5,469,563 | 5,501,351 | 4,693,613 | 83.5 | 0.6 | 35.6 |
| Other services, except public admin. | 2,188,326 | 2,227,847 | 2,372,478 | 2,373,769 | 2,379,639 | 2,290,605 | 8.7 | 0.2 | 5.2 |
| Government and government enterprises | 16,607,694 | 16,327,201 | 16,340,075 | 16,082,062 | 16,116,123 | 16,339,258 | -3.0 | 0.2 | 0.7 |
| Federal | 8,804,595 | 8,780,556 | 9,013,379 | 9,040,671 | 9,004,213 | 8,909,800 | 2.3 | -0.4 | 2.2 |
| Federal, civilian | 4,229,216 | 4,273,673 | 4,318,680 | 4,324,640 | 4,397,780 | 4,286,552 | 4.0 | 1.7 | 2.1 |
| Military | 4,575,379 | 4,506,883 | 4,694,699 | 4,716,031 | 4,606,433 | 4,623,248 | 0.7 | -2.3 | 2.2 |
| State and local | 7,803,099 | 7,546,645 | 7,326,696 | 7,041,391 | 7,111,910 | 7,429,458 | -8.9 | 1.0 | -1.0 |

1/ 2021Q1 through 2021Q4 and Annual Average 2021 revised from previous *QSER*.

2/ Percentage change involving negative values not meaningful.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, State Quarterly Personal Income, June 22, 2022 <http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=3> accessed June 22, 2022.

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

[1982-84=100. Data are not seasonally adjusted]

| | | Honolulu | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Period | U.S. | All Items | Food & Beverages | Housing | Apparel | Transpor-tation | Medical Care | Recre-ation 1/ | Educ. & Comm. 1/ | Other Goods & Services |
| 1990 | 130.7 | 138.1 | 137.8 | 141.5 | 107.0 | 131.1 | 154.2 | (1/) | (1/) | 160.4 |
| 1991 | 136.2 | 148.0 | 145.9 | 152.8 | 110.5 | 139.3 | 171.3 | (1/) | (1/) | 175.7 |
| 1992 | 140.3 | 155.1 | 148.5 | 161.7 | 114.2 | 147.4 | 182.6 | (1/) | (1/) | 189.0 |
| 1993 | 144.5 | 160.1 | 152.9 | 166.5 | 116.5 | 150.5 | 197.4 | (1/) | (1/) | 200.1 |
| 1994 | 148.2 | 164.5 | 153.4 | 171.6 | 118.7 | 156.4 | 206.0 | (1/) | (1/) | 209.6 |
| 1995 | 152.4 | 168.1 | 156.8 | 174.7 | 117.5 | 162.4 | 209.8 | (1/) | (1/) | 216.8 |
| 1996 | 156.9 | 170.7 | 156.8 | 176.8 | 118.5 | 167.0 | 215.0 | (1/) | (1/) | 226.5 |
| 1997 | 160.5 | 171.9 | 159.2 | 177.1 | 117.3 | 166.2 | 217.3 | (1/) | (1/) | 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 |
| 1995H1 | 151.5 | 166.9 | 156.5 | 173.4 | 118.1 | 160.0 | 207.8 | (1/) | (1/) | 214.4 |
| H2 | 153.2 | 169.4 | 157.1 | 176.0 | 116.9 | 164.9 | 211.8 | (1/) | (1/) | 219.2 |
| 1996H1 | 155.8 | 170.5 | 156.9 | 176.8 | 120.0 | 166.3 | 214.9 | (1/) | (1/) | 220.6 |
| H2 | 157.9 | 171.0 | 156.3 | 176.8 | 116.9 | 167.7 | 215.0 | (1/) | (1/) | 232.4 |
| 1997H1 | 159.9 | 172.1 | 159.4 | 177.3 | 119.8 | 167.8 | 215.6 | (1/) | (1/) | 232.5 |
| H2 | 161.2 | 171.8 | 159.0 | 177.0 | 114.8 | 164.6 | 219.1 | (1/) | (1/) | 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 |

Data on U.S. CPI are released monthly and Honolulu CPI, twice a year in February and August for the half (H) year previous through August 2015. Beginning with the 2nd half and annual average for 2015 data were released in January and will be in January and July henceforth.

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

2/ No data were available or data did not meet U.S. Bureau of Labor Statistics' publication criteria.

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (Current Series) <http://data.bls.gov/cgi-bin/dsrv> accessed July 13, 2022, and BLS Honolulu CPI News Releases and <http://www.bls.gov/ro9/cpihono.htm> accessed July 13, 2022.

**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 1/ | Educ. & Comm. 1/ | Other Goods & Services |
| Percentage Change from the Same Period in Previous Year | | | | | | | | | | |
| 1991 | 4.2 | 7.2 | 5.9 | 8.0 | 3.3 | 6.3 | 11.1 | (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 |
| 1996H1 | 2.8 | 2.2 | 0.3 | 2.0 | 1.6 | 3.9 | 3.4 | (2/) | (2/) | 2.9 |
| H2 | 3.1 | 0.9 | -0.5 | 0.5 | 0.0 | 1.7 | 1.5 | (2/) | (2/) | 6.0 |
| 1997H1 | 2.6 | 0.9 | 1.6 | 0.3 | -0.2 | 0.9 | 0.3 | (2/) | (2/) | 5.4 |
| H2 | 2.1 | 0.5 | 1.7 | 0.1 | -1.8 | -1.8 | 1.9 | (2/) | (2/) | 5.6 |
| 1998H1 | 1.5 | -0.1 | 0.4 | -0.6 | -2.8 | -2.7 | 3.2 | (2/) | (2/) | 9.4 |
| H2 | 1.6 | -0.5 | -0.5 | -0.7 | -5.9 | -1.7 | 4.9 | (2/) | (2/) | 5.1 |
| 1999H1 | 1.9 | 0.4 | 1.5 | -0.5 | -8.9 | -0.6 | 3.8 | -0.1 | 3.7 | 7.7 |
| H2 | 2.5 | 1.6 | 3.4 | 0.2 | -2.9 | 0.1 | 0.7 | 2.2 | 7.2 | 7.5 |
| 2000H1 | 3.3 | 1.9 | 1.9 | 1.0 | -1.4 | 3.3 | 2.1 | 1.8 | 4.6 | 1.3 |
| H2 | 3.5 | 1.7 | 0.4 | 1.4 | -2.2 | 5.9 | 5.3 | 0.1 | -0.8 | 1.7 |
| 2001H1 | 3.4 | 1.3 | 1.7 | 0.8 | -4.6 | 4.9 | 4.3 | -1.0 | -3.5 | 3.6 |
| H2 | 2.2 | 1.1 | 4.0 | 0.4 | -0.3 | 0.9 | (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 |

Data on U.S. CPI are released monthly and Honolulu CPI, twice a year in February and August for the half (H) year previous through August 2015. Beginning with the 2nd half and annual average for 2015 data were released in January and will be in January and July henceforth.

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

2/ No data were available or data did not meet U.S. Bureau of Labor Statistics' publication criteria.

Source: U.S. Bureau of Labor Statistics, Consumer Price Index-All Urban Consumers (Current Series) <http://data.bls.gov/cgi-bin/dsrv> accessed July 13, 2022, and BLS Honolulu CPI News Releases and <http://www.bls.gov/ro9/cpihono.htm> accessed July 13, 2022.

# C. TAX REVENUES

The State general fund tax revenues increased in the second 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 Individual Income Tax and the GET. Net Corporate Income Tax revenues decreased slightly.

In the second quarter of 2022, total tax collections distributed to the State general fund totaled $3,002.6 million, an increase of $592.4 million or 24.6 percent over the same quarter of 2021 (Tables C-1 and C-2). In the first half of 2022, State general fund tax revenues increased $1,217.6 million or 30.4 percent over the same period of the previous year.

During the second quarter of 2022, GET revenues (excluding the Honolulu County Surcharge) totaled $1,079.3 million, an increase of $182.7 million or 20.4 percent over the same quarter of 2021 (Table C-3). In the first half of 2022, GET revenues increased $405.6 million or 24.0 percent from the same period of the previous year.

Compared to the second quarter of 2021, Net Individual Income Tax revenues increased $248.6 million or 20.9 percent to $1,437.5 million in the second quarter of 2022 (Table C-4). In the second quarter of 2022, Declaration of Estimated Taxes increased $184.6 million or 31.1 percent (Table C-5), Payments with Returns increased $60.8 million or 24.9 percent (Table C-6), Revenues from Withholding Tax on Wages increased $40.9 million or 7.4 percent (Table C-7), and Refunds increased $37.8 million or 18.7 percent (Table C-8). In the first half of 2022, Net Individual Income Tax collections increased $405.4 million or 22.0 percent from the same period of the previous year.

Net Corporate Income Tax revenues, which tend to be volatile by nature, decreased from $115.8 million in the second quarter of 2021 to $114.9 million in the second quarter of 2022, a decrease of $0.9 million (Table C-9). In the second quarter of 2022, the Declaration of Estimated Taxes increased $16.9 million or 14.8 percent (Table C-10), the Payment with Returns increased $5.4 million or 47.6 percent (Table C-11), and the Refunds increased $23.1 million or 238.6 percent (Table C-12), compared with the same quarter of 2021. In the first half of 2022, Net Corporate Income Tax revenues increased $19.6 million from $114.3 million in 2021 to $134.1 million in 2022 or 17.3 percent.

In the second quarter of 2022, Transient Accommodations Tax (TAT) revenues increased $94.3 million or 80.2 percent compared to the same quarter of 2021 (Table C-13). In the first half of 2022, TAT revenues increased $230.3 million or 129.5 percent from the same period of the previous year.

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

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

| Year | | General Excise and Use Tax | Net Individual Income Tax 1/ | Net Corporate Income Tax 2/ | Tax Revenues Distributed to State General Fund |
|---|---|---|---|---|---|
| | | In Thousands of Dollars | | | |
| 1990 | | 1,250,204 | 743,114 | 86,269 | 2,246,752 |
| 1991 | | 1,287,818 | 900,962 | 70,568 | 2,397,289 |
| 1992 | | 1,299,814 | 922,206 | 42,737 | 2,523,670 |
| 1993 | | 1,308,797 | 951,405 | 22,239 | 2,555,912 |
| 1994 | | 1,347,945 | 1,003,479 | 34,228 | 2,672,291 |
| 1995 | | 1,386,684 | 918,811 | 37,336 | 2,614,713 |
| 1996 | | 1,469,766 | 995,456 | 51,243 | 2,799,972 |
| 1997 | | 1,433,012 | 985,000 | 55,594 | 2,756,621 |
| 1998 | | 1,436,654 | 1,093,241 | 50,112 | 2,889,291 |
| 1999 | | 1,454,778 | 1,053,858 | 47,692 | 2,841,290 |
| 2000 | | 1,611,446 | 1,080,371 | 67,650 | 3,067,622 |
| 2001 | | 1,660,764 | 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 |
| 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 3/ | 1 Qtr. | 1,016,322 | 814,226 | 19,221 | 2,217,471 |
| | 2 Qtr. | 1,079,317 | 1,437,463 | 114,870 | 3,002,553 |

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 |
| 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 3/ | 1 Qtr. | 28.1 | 23.9 | (3/) | 39.3 |
| | 2 Qtr. | 20.4 | 20.9 | -0.8 | 24.6 |

1/ Declaration of estimated taxes, plus payments with returns, plus withholding tax on wages, less refunds. Individual income tax rates changed effective January 1, 1999, 2001 and 2002.

2/ Declaration of estimated taxes, plus payments with returns, less refunds.

3/ Net Corporate Income Tax revised from previous *QSER*.

4/ Tax Revenues Distributed to State General Fund revised from previous *QSER*.

5/ Percentage changes involving negative values not meaningful.

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

# D. TOURISM

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

The total number of visitor arrivals by air increased 519,651 or 27.3 percent in the second quarter of 2022, compared to the same quarter of 2021 (Table D-2). The total average daily census was up 27,433 or 26.7 percent in the quarter. In the first half of 2022, total visitor arrivals by air increased 1,649,190 or 59.9 percent, while the average daily census increased 75,023 or 49.5 percent from the same period of the previous year.

In the second quarter of 2022, total visitor arrivals on domestic flights increased 346,633 or 18.3 percent compared to the same quarter of 2021 (Table D-3). In the first half of 2022, domestic arrivals were up 1,347,492 or 49.2 percent from the same period of the previous year.

Arrivals on international flights increased 173,018 or 1,998.4 percent in the second quarter of 2022 compared to the second quarter of 2021 (Table D-4). In the first half of 2022, international arrivals increased 301,698 or 1,856.9 percent from the same period of the previous year.

In terms of major market areas, from the second quarter of 2021 to the same period of 2022, arrivals from the U.S. West increased 175,065 or 13.5 percent (Table D-5), arrivals from the U.S. East increased 98,024 or 17.4 percent (Table D-6), and arrivals from Japan increased 22,332 or 633.7 percent (Table D-7). In the first half of 2022, arrivals from the U.S. West were up 757,886 or 40.6 percent; arrivals from the U.S. East were up 454,078 or 56.0 percent; and Japanese arrivals were up 28,660 or 457.4 percent from the same period of the previous year.

The total average daily visitor census was up 20.7 percent or 41,250 visitors per day in the second quarter of 2022, over the same quarter of 2021 (Table D-8). The domestic average daily census increased 11.8 percent or 23,337 visitors per day (Table D-9), while the international average daily census increased 1,090.4 percent or 17,913 visitors per day (Table D-10). In the first half of 2022, the domestic average daily census increased 56,686 or 37.9 percent; and the international average daily census inclined 18,337 or 1,010.1 percent from the same period of the previous year.

Nominal visitor expenditures by air totaled $4,987.6 million in the second quarter of 2022, an increase of $1,485.3 million or 42.4 percent from the second quarter of 2021 (Table D-11). In the first half of 2022, visitor expenditures totaled $9,215.6 million, an increase of $4,136.4 million or 81.4 percent from the same period of the previous year.

Total airline capacity, as measured by the number of available seats flown to Hawaii, increased 24.4 percent or 622,995 seats (Table D-12) in the second quarter of 2022, domestic seats increased 14.6 percent or 362,881 seats (Table D-13); international seats increased 404.0 percent or 260,114 seats (Table D-14), compared to the same quarter of 2021. In the first half of 2022, the number of total available seats increased 45.3 percent or 1,968,769 seats; domestic seats increased 34.3 percent or 1,443,275 seats; and international seats increased 372.3 percent or 525,494 seats from the same period of the previous year.

In the second quarter of 2022, the statewide hotel occupancy rate averaged 75.3 percent, 12.2 percentage points higher than that of the same quarter of 2021 (Table D-15). In the first half of 2022, the statewide hotel occupancy rate averaged 73.0 percent, 25.0 percentage points higher than the same period of the previous year.

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

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

| | Visitor Arrivals 1/ | | | Average Daily Visitor Census | | |
|---|---|---|---|---|---|---|
| Year | **Total** | Domestic | International | **Total** | Domestic | International |
| 1990 | 6,723,531 | 4,315,161 | 2,408,370 | 154,517 | 113,066 | 41,450 |
| 1991 | 6,518,460 | 4,068,508 | 2,449,952 | 147,323 | 105,686 | 41,637 |
| 1992 | 6,473,669 | 3,791,945 | 2,681,724 | 152,249 | 106,589 | 45,660 |
| 1993 | 6,070,995 | 3,570,059 | 2,500,936 | 147,498 | 100,430 | 47,068 |
| 1994 | 6,364,674 | 3,813,279 | 2,551,395 | 156,630 | 107,904 | 48,726 |
| 1995 | 6,546,759 | 3,743,474 | 2,803,285 | 157,098 | 105,649 | 51,450 |
| 1996 | 6,723,141 | 3,794,113 | 2,929,028 | 158,297 | 106,404 | 51,892 |
| 1997 | 6,761,135 | 3,890,798 | 2,870,337 | 157,187 | 108,019 | 49,168 |
| 1998 | 6,595,790 | 4,014,140 | 2,581,650 | 157,389 | 112,068 | 45,320 |
| 1999 | 6,741,037 | 4,255,621 | 2,485,416 | 164,439 | 117,998 | 46,441 |
| 2000 | 6,948,595 | 4,446,936 | 2,501,659 | 168,637 | 123,442 | 45,196 |
| 2001 | 6,303,789 | 4,224,321 | 2,079,468 | 158,247 | 118,106 | 40,141 |
| 2002 | 6,389,059 | 4,358,851 | 2,030,208 | 160,195 | 121,029 | 39,165 |
| 2003 | 6,380,439 | 4,531,289 | 1,849,150 | 161,048 | 123,389 | 37,659 |
| 2004 | 6,912,094 | 4,892,960 | 2,019,134 | 171,481 | 132,355 | 39,126 |
| 2005 | 7,416,574 | 5,313,281 | 2,103,293 | 185,445 | 144,396 | 41,049 |
| 2006 | 7,528,106 | 5,550,125 | 1,977,981 | 189,441 | 149,545 | 39,895 |
| 2007 | 7,496,820 | 5,582,530 | 1,914,290 | 189,412 | 150,960 | 38,452 |
| 2008 | 6,713,436 | 4,901,893 | 1,811,543 | 172,487 | 135,239 | 37,248 |
| 2009 | 6,420,448 | 4,672,001 | 1,748,447 | 165,082 | 129,100 | 35,983 |
| 2010 | 6,916,894 | 4,957,352 | 1,959,542 | 177,949 | 136,407 | 41,542 |
| 2011 | 7,174,397 | 5,127,291 | 2,047,106 | 185,824 | 142,027 | 43,797 |
| 2012 | 7,867,143 | 5,403,025 | 2,464,118 | 201,267 | 148,887 | 52,380 |
| 2013 | 8,003,474 | 5,405,300 | 2,598,174 | 202,876 | 149,213 | 53,663 |
| 2014 | 8,196,342 | 5,486,059 | 2,710,283 | 206,217 | 151,076 | 55,141 |
| 2015 | 8,563,018 | 5,782,140 | 2,780,878 | 213,934 | 156,026 | 57,908 |
| 2016 | 8,821,802 | 5,968,779 | 2,853,023 | 217,675 | 157,953 | 59,723 |
| 2017 | 9,277,613 | 6,239,748 | 3,037,865 | 229,063 | 164,273 | 64,791 |
| 2018 | 9,761,448 | 6,736,736 | 3,024,712 | 240,341 | 174,611 | 65,731 |
| 2019 | 10,243,165 | 7,253,806 | 2,989,359 | 245,733 | 182,288 | 63,445 |
| 2020 | 2,678,073 | 2,065,689 | 612,384 | 77,915 | 63,921 | 13,993 |
| 2021 2/ | 6,777,760 | 6,656,779 | 120,981 | 178,938 | 173,901 | 5,037 |
| 2001 1 Qtr. | 1,715,088 | 1,079,787 | 635,301 | 176,954 | 126,606 | 50,348 |
| 2 Qtr. | 1,673,990 | 1,129,578 | 544,413 | 159,596 | 120,781 | 38,816 |
| 3 Qtr. | 1,647,049 | 1,091,324 | 555,725 | 162,674 | 119,887 | 42,787 |
| 4 Qtr. | 1,267,662 | 923,632 | 344,030 | 134,185 | 105,365 | 28,821 |
| 2002 1 Qtr. | 1,537,636 | 1,042,844 | 494,792 | 162,745 | 122,622 | 40,124 |
| 2 Qtr. | 1,583,029 | 1,115,788 | 467,241 | 153,178 | 119,430 | 33,749 |
| 3 Qtr. | 1,694,239 | 1,170,113 | 524,126 | 167,584 | 126,274 | 41,310 |
| 4 Qtr. | 1,574,155 | 1,030,106 | 544,049 | 157,250 | 115,809 | 41,441 |
| 2003 1 Qtr. | 1,562,878 | 1,049,338 | 513,540 | 163,475 | 118,886 | 44,588 |
| 2 Qtr. | 1,501,363 | 1,168,919 | 332,444 | 150,775 | 123,760 | 27,016 |
| 3 Qtr. | 1,719,130 | 1,234,881 | 484,249 | 171,357 | 131,942 | 39,415 |
| 4 Qtr. | 1,597,067 | 1,078,150 | 518,917 | 158,528 | 118,874 | 39,654 |
| 2004 1 Qtr. | 1,639,213 | 1,138,607 | 500,606 | 171,479 | 128,237 | 43,242 |
| 2 Qtr. | 1,712,588 | 1,252,707 | 459,881 | 164,897 | 131,766 | 33,132 |
| 3 Qtr. | 1,852,939 | 1,318,363 | 534,576 | 180,936 | 140,130 | 40,806 |
| 4 Qtr. | 1,707,354 | 1,183,283 | 524,071 | 168,540 | 129,234 | 39,306 |
| 2005 1 Qtr. | 1,821,151 | 1,279,704 | 541,447 | 192,126 | 146,732 | 45,394 |
| 2 Qtr. | 1,787,046 | 1,304,549 | 482,497 | 172,635 | 137,683 | 34,952 |
| 3 Qtr. | 1,995,901 | 1,452,425 | 543,476 | 196,484 | 153,816 | 42,667 |
| 4 Qtr. | 1,812,476 | 1,276,603 | 535,873 | 180,542 | 139,332 | 41,209 |
| 2006 1 Qtr. | 1,836,867 | 1,300,840 | 536,027 | 198,665 | 149,596 | 49,069 |
| 2 Qtr. | 1,865,545 | 1,410,404 | 455,141 | 180,356 | 147,415 | 32,942 |
| 3 Qtr. | 1,992,088 | 1,496,473 | 495,615 | 195,968 | 156,511 | 39,457 |
| 4 Qtr. | 1,833,607 | 1,342,409 | 491,198 | 182,876 | 144,638 | 38,238 |
| 2007 1 Qtr. | 1,826,527 | 1,323,255 | 503,272 | 193,365 | 149,663 | 43,701 |
| 2 Qtr. | 1,856,609 | 1,434,445 | 422,164 | 184,702 | 150,976 | 33,726 |
| 3 Qtr. | 2,002,719 | 1,491,746 | 510,973 | 195,509 | 156,793 | 38,716 |
| 4 Qtr. | 1,810,966 | 1,333,085 | 477,881 | 184,106 | 146,380 | 37,727 |
| 2008 1 Qtr. | 1,841,516 | 1,347,836 | 493,680 | 196,032 | 152,981 | 43,051 |
| 2 Qtr. | 1,668,379 | 1,251,941 | 416,438 | 166,503 | 134,204 | 32,299 |
| 3 Qtr. | 1,670,428 | 1,202,383 | 468,045 | 167,502 | 129,701 | 37,801 |
| 4 Qtr. | 1,533,113 | 1,099,733 | 433,380 | 160,101 | 124,250 | 35,851 |
| 2009 1 Qtr. | 1,568,857 | 1,106,530 | 462,327 | 169,946 | 130,386 | 39,561 |
| 2 Qtr. | 1,595,081 | 1,232,085 | 362,996 | 161,808 | 130,589 | 31,219 |
| 3 Qtr. | 1,715,358 | 1,253,208 | 462,150 | 169,752 | 133,326 | 36,426 |
| 4 Qtr. | 1,541,152 | 1,080,178 | 460,974 | 158,893 | 122,142 | 36,751 |
| 2010 1 Qtr. | 1,638,407 | 1,118,852 | 519,555 | 177,714 | 131,507 | 46,207 |
| 2 Qtr. | 1,696,892 | 1,261,393 | 435,499 | 169,223 | 133,002 | 36,221 |
| 3 Qtr. | 1,856,948 | 1,351,315 | 505,633 | 186,931 | 144,558 | 42,373 |
| 4 Qtr. | 1,724,647 | 1,225,792 | 498,855 | 177,829 | 136,417 | 41,412 |
| 2011 1 Qtr. | 1,781,445 | 1,241,338 | 540,107 | 196,827 | 146,802 | 50,025 |
| 2 Qtr. | 1,724,205 | 1,297,685 | 426,520 | 173,967 | 138,108 | 35,858 |
| 3 Qtr. | 1,872,833 | 1,335,712 | 537,121 | 186,064 | 143,099 | 42,965 |
| 4 Qtr. | 1,795,914 | 1,252,556 | 543,358 | 186,549 | 140,159 | 46,391 |
| 2012 1 Qtr. | 1,933,991 | 1,301,730 | 632,261 | 210,680 | 151,796 | 58,884 |
| 2 Qtr. | 1,910,870 | 1,368,575 | 542,295 | 191,073 | 146,486 | 44,587 |
| 3 Qtr. | 2,042,534 | 1,389,278 | 653,256 | 201,523 | 148,332 | 53,191 |
| 4 Qtr. | 1,979,748 | 1,343,442 | 636,306 | 201,785 | 148,940 | 52,845 |
| 2013 1 Qtr. | 2,022,871 | 1,356,149 | 666,722 | 216,218 | 156,744 | 59,474 |
| 2 Qtr. | 1,974,892 | 1,399,913 | 574,979 | 194,526 | 148,513 | 46,013 |
| 3 Qtr. | 2,077,453 | 1,392,557 | 684,896 | 205,127 | 149,990 | 55,138 |
| 4 Qtr. | 1,928,258 | 1,256,681 | 671,577 | 195,832 | 141,761 | 54,072 |
| 2014 1 Qtr. | 2,028,633 | 1,318,882 | 709,751 | 217,477 | 154,902 | 62,576 |
| 2 Qtr. | 2,011,759 | 1,402,026 | 609,733 | 198,049 | 149,363 | 48,687 |
| 3 Qtr. | 2,120,639 | 1,424,360 | 696,279 | 204,784 | 151,815 | 52,969 |
| 4 Qtr. | 2,035,311 | 1,340,791 | 694,520 | 204,713 | 148,289 | 56,424 |
| 2015 1 Qtr. | 2,097,862 | 1,371,980 | 725,882 | 224,128 | 158,420 | 65,709 |
| 2 Qtr. | 2,145,806 | 1,513,399 | 632,407 | 208,378 | 157,721 | 50,657 |
| 3 Qtr. | 2,197,037 | 1,483,636 | 713,401 | 212,094 | 154,700 | 57,394 |
| 4 Qtr. | 2,122,312 | 1,413,124 | 709,188 | 211,299 | 153,335 | 57,963 |
| 2016 1 Qtr. | 2,173,406 | 1,427,670 | 745,736 | 226,150 | 158,576 | 67,575 |
| 2 Qtr. | 2,182,867 | 1,532,889 | 649,978 | 210,576 | 158,125 | 52,452 |
| 3 Qtr. | 2,265,810 | 1,542,019 | 723,791 | 217,543 | 158,635 | 58,908 |
| 4 Qtr. | 2,199,720 | 1,466,202 | 733,518 | 216,446 | 156,484 | 59,962 |
| 2017 1 Qtr. | 2,233,387 | 1,451,371 | 782,016 | 235,110 | 162,699 | 72,411 |
| 2 Qtr. | 2,318,012 | 1,617,920 | 700,092 | 224,262 | 166,207 | 58,055 |
| 3 Qtr. | 2,399,481 | 1,621,643 | 777,838 | 228,534 | 165,431 | 63,103 |
| 4 Qtr. | 2,326,733 | 1,548,814 | 777,919 | 228,427 | 162,740 | 65,687 |
| 2018 1 Qtr. | 2,428,102 | 1,614,588 | 813,514 | 252,318 | 176,689 | 75,629 |
| 2 Qtr. | 2,457,716 | 1,752,412 | 705,304 | 238,325 | 178,577 | 59,749 |
| 3 Qtr. | 2,484,272 | 1,719,849 | 764,423 | 238,258 | 174,031 | 64,227 |
| 4 Qtr. | 2,391,358 | 1,649,887 | 741,471 | 232,703 | 169,234 | 63,469 |
| 2019 1 Qtr. | 2,487,105 | 1,682,020 | 805,085 | 251,520 | 178,065 | 73,454 |
| 2 Qtr. | 2,607,041 | 1,915,973 | 691,068 | 244,561 | 188,140 | 56,420 |
| 3 Qtr. | 2,639,669 | 1,887,558 | 752,111 | 247,924 | 184,744 | 63,180 |
| 4 Qtr. | 2,509,350 | 1,768,255 | 741,095 | 239,040 | 178,173 | 60,866 |
| 2020 1 Qtr. | 2,083,958 | 1,483,458 | 600,500 | 212,108 | 157,883 | 54,225 |
| 2 Qtr. | 32,731 | 31,468 | 1,263 | 9,758 | 9,581 | 177 |
| 3 Qtr. | 64,339 | 61,456 | 2,883 | 20,469 | 19,995 | 474 |
| 4 Qtr. | 497,045 | 489,307 | 7,738 | 70,042 | 68,657 | 1,385 |
| 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/ 2 Qtr. | 2,425,566 | 2,243,890 | 181,676 | 240,481 | 220,925 | 19,556 |

1/ Staying overnight or longer.
2/ All 2021 data are revised from previous *QSER*. 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 | -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 |
| 2002 1 Qtr. | -10.3 | -3.4 | -22.1 | -8.0 | -3.1 | -20.3 |
| 2 Qtr. | -5.4 | -1.2 | -14.2 | -4.0 | -1.1 | -13.1 |
| 3 Qtr. | 2.9 | 7.2 | -5.7 | 3.0 | 5.3 | -3.5 |
| 4 Qtr. | 24.2 | 11.5 | 58.1 | 17.2 | 9.9 | 43.8 |
| 2003 1 Qtr. | 1.6 | 0.6 | 3.8 | 0.4 | -3.0 | 11.1 |
| 2 Qtr. | -5.2 | 4.8 | -28.8 | -1.6 | 3.6 | -20.0 |
| 3 Qtr. | 1.5 | 5.5 | -7.6 | 2.3 | 4.5 | -4.6 |
| 4 Qtr. | 1.5 | 4.7 | -4.6 | 0.8 | 2.6 | -4.3 |
| 2004 1 Qtr. | 4.9 | 8.5 | -2.5 | 4.9 | 7.9 | -3.0 |
| 2 Qtr. | 14.1 | 7.2 | 38.3 | 9.4 | 6.5 | 22.6 |
| 3 Qtr. | 7.8 | 6.8 | 10.4 | 5.6 | 6.2 | 3.5 |
| 4 Qtr. | 6.9 | 9.8 | 1.0 | 6.3 | 8.7 | -0.9 |
| 2005 1 Qtr. | 11.1 | 12.4 | 8.2 | 12.0 | 14.4 | 5.0 |
| 2 Qtr. | 4.3 | 4.1 | 4.9 | 4.7 | 4.5 | 5.5 |
| 3 Qtr. | 7.7 | 10.2 | 1.7 | 8.6 | 9.8 | 4.6 |
| 4 Qtr. | 6.2 | 7.9 | 2.3 | 7.1 | 7.8 | 4.8 |
| 2006 1 Qtr. | 0.9 | 1.7 | -1.0 | 3.4 | 2.0 | 8.1 |
| 2 Qtr. | 4.4 | 8.1 | -5.7 | 4.5 | 7.1 | -5.8 |
| 3 Qtr. | -0.2 | 3.0 | -8.8 | -0.3 | 1.8 | -7.5 |
| 4 Qtr. | 1.2 | 5.2 | -8.3 | 1.3 | 3.8 | -7.2 |
| 2007 1 Qtr. | -0.6 | 1.7 | -6.1 | -2.7 | 0.0 | -10.9 |
| 2 Qtr. | -0.5 | 1.7 | -7.2 | 2.4 | 2.4 | 2.4 |
| 3 Qtr. | 0.5 | -0.3 | 3.1 | -0.2 | 0.2 | -1.9 |
| 4 Qtr. | -1.2 | -0.7 | -2.7 | 0.7 | 1.2 | -1.3 |
| 2008 1 Qtr. | 0.8 | 1.9 | -1.9 | 1.4 | 2.2 | -1.5 |
| 2 Qtr. | -10.1 | -12.7 | -1.4 | -9.9 | -11.1 | -4.2 |
| 3 Qtr. | -16.6 | -19.4 | -8.4 | -14.3 | -17.3 | -2.4 |
| 4 Qtr. | -15.3 | -17.5 | -9.3 | -13.0 | -15.1 | -5.0 |
| 2009 1 Qtr. | -14.8 | -17.9 | -6.4 | -13.3 | -14.8 | -8.1 |
| 2 Qtr. | -4.4 | -1.6 | -12.8 | -2.8 | -2.7 | -3.3 |
| 3 Qtr. | 2.7 | 4.2 | -1.3 | 1.3 | 2.8 | -3.6 |
| 4 Qtr. | 0.5 | -1.8 | 6.4 | -0.8 | -1.7 | 2.5 |
| 2010 1 Qtr. | 4.4 | 1.1 | 12.4 | 4.6 | 0.9 | 16.8 |
| 2 Qtr. | 6.4 | 2.4 | 20.0 | 4.6 | 1.8 | 16.0 |
| 3 Qtr. | 8.3 | 7.8 | 9.4 | 10.1 | 8.4 | 16.3 |
| 4 Qtr. | 11.9 | 13.5 | 8.2 | 11.9 | 11.7 | 12.7 |
| 2011 1 Qtr. | 8.7 | 10.9 | 4.0 | 10.8 | 11.6 | 8.3 |
| 2 Qtr. | 1.6 | 2.9 | -2.1 | 2.8 | 3.8 | -1.0 |
| 3 Qtr. | 0.9 | -1.2 | 6.2 | -0.5 | -1.0 | 1.4 |
| 4 Qtr. | 4.1 | 2.2 | 8.9 | 4.9 | 2.7 | 12.0 |
| 2012 1 Qtr. | 8.6 | 4.9 | 17.1 | 7.0 | 3.4 | 17.7 |
| 2 Qtr. | 10.8 | 5.5 | 27.1 | 9.8 | 6.1 | 24.3 |
| 3 Qtr. | 9.1 | 4.0 | 21.6 | 8.3 | 3.7 | 23.8 |
| 4 Qtr. | 10.2 | 7.3 | 17.1 | 8.2 | 6.3 | 13.9 |
| 2013 1 Qtr. | 4.6 | 4.2 | 5.5 | 2.6 | 3.3 | 1.0 |
| 2 Qtr. | 3.4 | 2.3 | 6.0 | 1.8 | 1.4 | 3.2 |
| 3 Qtr. | 1.7 | 0.2 | 4.8 | 1.8 | 1.1 | 3.7 |
| 4 Qtr. | -2.6 | -6.5 | 5.5 | -3.0 | -4.8 | 2.3 |
| 2014 1 Qtr. | 0.3 | -2.7 | 6.5 | 0.6 | -1.2 | 5.2 |
| 2 Qtr. | 1.9 | 0.2 | 6.0 | 1.8 | 0.6 | 5.8 |
| 3 Qtr. | 2.1 | 2.3 | 1.7 | -0.2 | 1.2 | -3.9 |
| 4 Qtr. | 5.6 | 6.7 | 3.4 | 4.5 | 4.6 | 4.4 |
| 2015 1 Qtr. | 3.4 | 4.0 | 2.3 | 3.1 | 2.3 | 5.0 |
| 2 Qtr. | 6.7 | 7.9 | 3.7 | 5.2 | 5.6 | 4.0 |
| 3 Qtr. | 3.6 | 4.2 | 2.5 | 3.6 | 1.9 | 8.4 |
| 4 Qtr. | 4.3 | 5.4 | 2.1 | 3.2 | 3.4 | 2.7 |
| 2016 1 Qtr. | 3.6 | 4.1 | 2.7 | 0.9 | 0.1 | 2.8 |
| 2 Qtr. | 1.7 | 1.3 | 2.8 | 1.1 | 0.3 | 3.5 |
| 3 Qtr. | 3.1 | 3.9 | 1.5 | 2.6 | 2.5 | 2.6 |
| 4 Qtr. | 3.6 | 3.8 | 3.4 | 2.4 | 2.1 | 3.4 |
| 2017 1 Qtr. | 2.8 | 1.7 | 4.9 | 4.0 | 2.6 | 7.2 |
| 2 Qtr. | 6.2 | 5.5 | 7.7 | 6.5 | 5.1 | 10.7 |
| 3 Qtr. | 5.9 | 5.2 | 7.5 | 5.1 | 4.3 | 7.1 |
| 4 Qtr. | 5.8 | 5.6 | 6.1 | 5.5 | 4.0 | 9.5 |
| 2018 1 Qtr. | 8.7 | 11.2 | 4.0 | 7.3 | 8.6 | 4.4 |
| 2 Qtr. | 6.0 | 8.3 | 0.7 | 6.3 | 7.4 | 2.9 |
| 3 Qtr. | 3.5 | 6.1 | -1.7 | 4.3 | 5.2 | 1.8 |
| 4 Qtr. | 2.8 | 6.5 | -4.7 | 1.9 | 4.0 | -3.4 |
| 2019 1 Qtr. | 2.4 | 4.2 | -1.0 | -0.3 | 0.8 | -2.9 |
| 2 Qtr. | 6.1 | 9.3 | -2.0 | 2.6 | 5.4 | -5.6 |
| 3 Qtr. | 6.3 | 9.8 | -1.6 | 4.1 | 6.2 | -1.6 |
| 4 Qtr. | 4.9 | 7.2 | -0.1 | 2.7 | 5.3 | -4.1 |
| 2020 1 Qtr. | -16.2 | -11.8 | -25.4 | -15.7 | -11.3 | -26.2 |
| 2 Qtr. | -98.7 | -98.4 | -99.8 | -96.0 | -94.9 | -99.7 |
| 3 Qtr. | -97.6 | -96.7 | -99.6 | -91.7 | -89.2 | -99.2 |
| 4 Qtr. | -80.2 | -72.3 | -99.0 | -70.7 | -61.5 | -97.7 |
| 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/ 2 Qtr. | 27.3 | 18.3 | 1,998.4 | 20.7 | 11.8 | 1,090.4 |

1/ Staying overnight or longer.
2/ All 2021 data are revised from previous *QSER*. 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-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 | 70.3 | 62.4 | 57.6 |
| *2022 1/* | 70.8 | 75.3 | (NA) | Year-to-Date | 73.0 |

NA Not available.

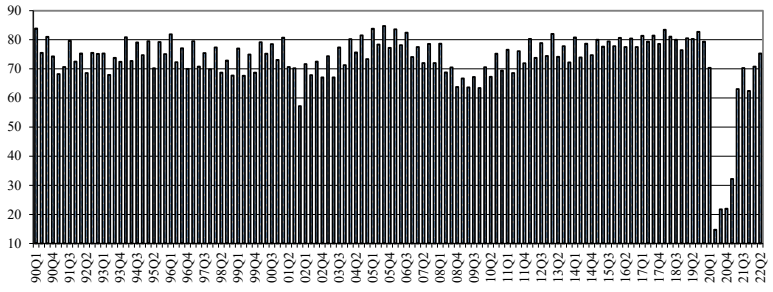
The 2nd, 3rd, and 4th Quarter averages are computed by Hawaii State Department of Business, Economic Development & Tourism from PKF-Hawaii monthly averages through January 1995 and Hospitality Advisors LLC monthly averages from February 1995. The 1st quarter and Annual are as released or revised by source.

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

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

**Figure 5. Hotel Occupancy Rate**

[In percent]



# E. CONSTRUCTION

The indicators of Hawaii's construction industry were mixed in the second quarter of 2022. Construction jobs, and private building authorizations decreased in the quarter, while government contracts awarded increased.

In the second quarter of 2022, the number of jobs in the construction sector decreased 3.5 percent or 1,300 jobs compared with the same quarter of 2021. In the first half of 2022, the construction sector lost 950 jobs or 2.6 percent (Table A-7) from the same period of the previous year.

In the second quarter of 2022, private building authorizations in the state decreased $711.0 million or 52.8 percent, compared with the second quarter of 2021 (Table E-8). In the first half of 2022, private building authorizations in the state decreased $645.6 million or 30.0 percent compared with the same period of the previous year.

In the second quarter of 2022, private building authorizations in Honolulu decreased $634.6 million or 69.0 percent, compared with the second quarter of 2021 (Table E-8). In the first half of 2022, private building authorizations in Honolulu decreased $631.8 million or 44.8 percent, compared with the same period of the previous year.

In the second quarter of 2022, private building authorizations in Hawaii County decreased $24.3 million or 9.3 percent, compared with the second quarter of 2021 (Table E-8). In the first half of 2022, private building authorizations in Hawaii County decreased $2.4 million or 0.6 percent, compared with the same period of the previous year.

In the second quarter of 2022, private building authorizations in Maui decreased $58.2 million or 40.8 percent, compared with the second quarter of 2021 (Table E-8). In the first half of 2022, private building authorizations in Maui decreased $7.0 million or 2.9 percent compared with the same period of the previous year.

In the second quarter of 2022, private building authorizations (residential only) in Kauai increased $6.0 million or 26.0 percent, compared with the second quarter of 2021 (Table E-8). In the first half of 2022, private building authorizations in Kauai County decreased $4.9 million or 7.4 percent compared with the same period of the previous year.

In the second quarter of 2022, government contracts awarded increased $4,247.2 million or 1,544.9 percent, compared with the second quarter of 2021 (Table E-1). In the first half of 2022, government contracts awarded increased $3,974.3 million or 517.2 percent compared with the same period of the previous year. This growth was partially fueled by a Navy contract awarded in June that designated Hawaii as 'place of performance' for 95 percent or $945.3 M of the contract. The remainder is designated for Wake Island.

State government CIP expenditures declined $91.8 million or 20.8 percent in the second quarter of 2022 compared with the same quarter of 2021. In the first half of 2022, state government CIP expenditures declined $37.8 million or 5.4 percent from the same period of the previous year (Table E-2).

The Honolulu Construction Cost Index for Single Family Residence (Table E-6) increased 6.0 percent in the second quarter of 2022 compared to the same quarter of 2021 and similarly increased 6.2 percent for High-Rise Building (Table E-7). In the first half of 2022, the index for Single Family Residence increased 6.0 percent and 5.5 percent for High-Rise Building as compared to the same period of the previous year.

Average home prices continued to rise in the second quarter of 2022, with single family home prices up 12.8 percent and condo prices up 11.3 percent over the same quarter of the previous year (Table E-9). The purchase of homes by out-of-state buyers and local buyers both decreased: purchases decreased 10.9 percent for local buyers, declined 15.7 percent for mainland buyers, and decreased 6.5 percent for foreign buyers over the same quarter of the previous year (Table E-10).

In the second quarter of 2022, Honolulu's median price for single family resales was $1,123,500, up $163,500 or 17.0 percent over the same quarter of 2021 (Table E-11). The median price for condominium units was $520,000, up $62,500 or 13.7 percent over the same quarter of 2021 (Table E-12). In the second quarter of 2022, the number of single-family unit resales decreased 13.4 percent, and the number of condominium unit resales increased 0.7 percent, compared with the second quarter of 2021 (Tables E-13 and E-14). In the first half of 2022, the number of single-family unit resales decreased 8.8 percent, and condominium unit resales increased 7.5 percent compared with the same period of 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 |
| 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 |
| 8/ 2 Qtr. | (NA) | 634.8 | 281.2 | 84.1 | 269.5 | 4,230.2 |

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 Pa

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.

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

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

| Year | Contracting tax base 1/ | Private Building Authorization 4/ | | | | Government Contracts Awarded |
|---|---|---|---|---|---|---|
| | | Total Private Authorizations | Residential 4/ | Commercial & Industrial 2/ | Additions & Alterations | |
| Percentage Change from the Same Period in Previous Year | | | | | | |
| 1983 | 4.5 | 0.3 | -1.0 | -16.3 | 31.8 | -29.8 |
| 1984 | -8.2 | -15.1 | 10.6 | -48.8 | -19.4 | 41.3 |
| 1985 | 10.0 | 52.9 | 52.6 | 100.8 | 20.1 | -36.0 |
| 1986 | 32.2 | 15.3 | -8.9 | 28.1 | 67.9 | 69.8 |
| 1987 | 10.8 | 13.3 | 11.3 | 28.8 | 2.7 | -12.3 |
| 1988 | 24.2 | 33.1 | 35.9 | 57.1 | 1.8 | 79.3 |
| 1989 | 25.1 | 21.7 | 32.1 | 3.8 | 29.7 | 9.1 |
| 1990 | 28.6 | 11.7 | 4.6 | 24.2 | 10.1 | 13.8 |
| 1991 | 8.3 | 2.4 | 25.2 | -20.3 | -10.6 | -11.6 |
| 1992 | -7.4 | -18.6 | -32.0 | -4.3 | 1.2 | 58.9 |
| 1993 | -5.2 | -14.1 | -8.5 | -42.1 | 11.5 | -43.8 |
| 1994 | -12.7 | 7.1 | 14.4 | 20.2 | -13.6 | 6.3 |
| 1995 | -5.7 | -5.1 | -12.2 | -0.5 | 6.1 | -29.3 |
| 1996 | 4.8 | -27.0 | -34.7 | -31.4 | -9.5 | 80.6 |
| 1997 | -10.4 | 5.5 | 11.4 | 4.6 | -1.5 | -30.5 |
| 1998 | 2.4 | -10.6 | -10.5 | -22.3 | -2.4 | 11.3 |
| 1999 | -0.8 | 25.2 | 29.5 | 48.9 | 6.1 | -14.6 |
| 2000 3/ | 20.8 | 14.6 | 27.3 | -19.6 | 21.0 | 38.7 |
| 2001 | 4.2 | 4.8 | 10.3 | 33.7 | -19.7 | -11.7 |
| 2002 4/ | 13.5 | 11.7 | 26.1 | -22.8 | 8.2 | 7.3 |
| 2003 4/ | 6.1 | 33.3 | 20.9 | 99.7 | 25.6 | -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 |
| 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 |
| 8/ 2 Qtr. | (NA) | -52.8 | -65.6 | -17.4 | -36.7 | 1,438.7 |

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 performa

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

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.

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

# F. OTHER INDICATORS

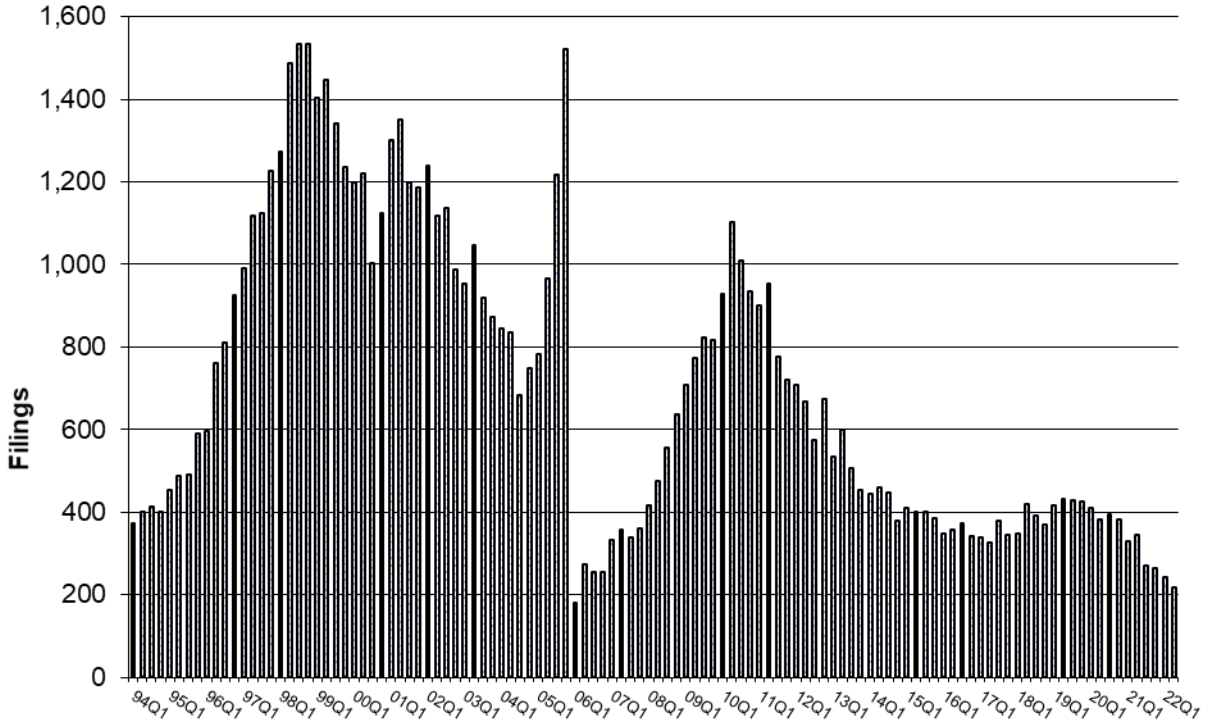
The total number of bankruptcy filings in Hawaii declined 37.1 percent or by 128 cases for the second quarter of 2022, from the same quarter of 2021. In the first half of 2022, total filings declined 32.0 percent or 216 cases from the same period of the previous year.

The number of Chapter 7 filings, the largest category, decreased 41.4 percent or 104 cases in the second quarter of 2022. Chapter 7 filings are intended to liquidate assets and discharge debt. In the first half of 2022, Chapter 7 filings decreased 39.1 percent or 195 cases from the same period of the previous year.

Chapter 11 filings was zero case in the second quarter of 2021 and remained to be zero case in the second quarter of 2022. In the first half of 2022, Chapter 11 filings increased to 2 cases from 8 cases in the same period of the previous year. Chapter 11 filings involve the structuring of repayment plans for companies.

Chapter 13 filings decreased 25.5 percent or 24 cases in the second quarter of 2022, from the same quarter of 2021. In the first half of 2022, Chapter 13 filings declined 8.9 percent or 15 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)**