



**DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM**

**RESEARCH AND ECONOMIC ANALYSIS DIVISION**

**JOSH GREEN, M.D.**  
GOVERNOR

**CHRIS J. SADAYASU**  
DIRECTOR

**DR. EUGENE TIAN**  
CHIEF STATE ECONOMIST

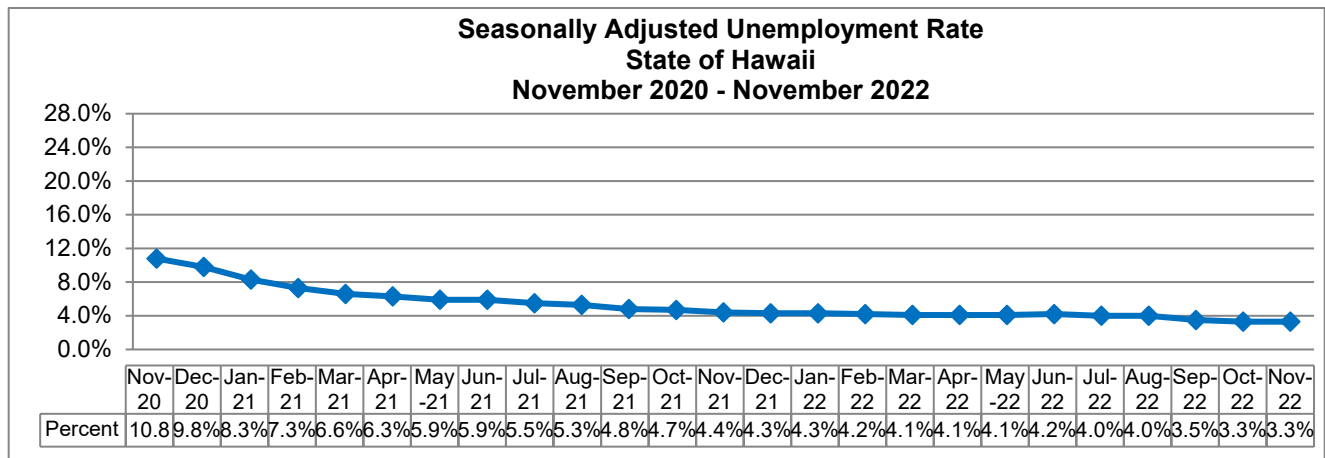
**FOR IMMEDIATE RELEASE**

December 15, 2022

**HAWAII'S NOVEMBER UNEMPLOYMENT RATE AT 3.3 PERCENT**

*Jobs increased by 25,800 over-the-year*

HONOLULU — The Hawaii State Department of Business, Economic Development & Tourism (DBEDT) today announced that the seasonally adjusted unemployment rate for November was 3.3 percent, unchanged from the revised rate of 3.3 percent in October. Statewide, 652,300 were employed and 22,250 unemployed in November for a total seasonally adjusted labor force of 674,500. Nationally, the seasonally adjusted unemployment rate was 3.7 percent in November, the same as in October.



The unemployment rate figures for the State of Hawaii and the U.S. in this release are seasonally adjusted, in accordance with the U.S. Bureau of Labor Statistics (BLS) methodology. The not seasonally adjusted rate for the State was 4.0 percent in November, compared to 3.5 percent in October.

<b>State of Hawaii Seasonally Adjusted Labor Force Data**</b>			
	<u>Nov 2022</u>	<u>Oct 2022</u>	<u>Nov 2021*</u>
Labor Force	674,500	676,700	671,150
Employment	652,300	654,050	641,750
Unemployment	22,250	22,650	29,400

\* benchmarked data

\*\*totals may not add due to rounding

	NOV 2022	OCT 2022	NOV* 2021
<b><u>Seasonally Adjusted</u></b>			
<b>STATE</b>	<b>3.3</b>	<b>3.3</b>	<b>4.4</b>
<b>U. S.</b>	<b>3.7</b>	<b>3.7</b>	<b>4.2</b>
<b><u>Not Seasonally Adjusted</u></b>			
<b>STATE</b>	<b>4.0</b>	<b>3.5</b>	<b>4.7</b>
HONOLULU	3.8	3.4	4.4
HAWAII COUNTY	4.1	3.6	4.5
KAUAI	4.4	4.0	5.9
MAUI COUNTY	4.3	3.9	5.7
Maui Island	4.3	3.8	5.5
Molokai	6.8	8.4	9.8
Lanai	1.2	1.7	4.9
<b>U. S.</b>	<b>3.4</b>	<b>3.4</b>	<b>3.9</b>

county & island rates are not seasonally adjusted

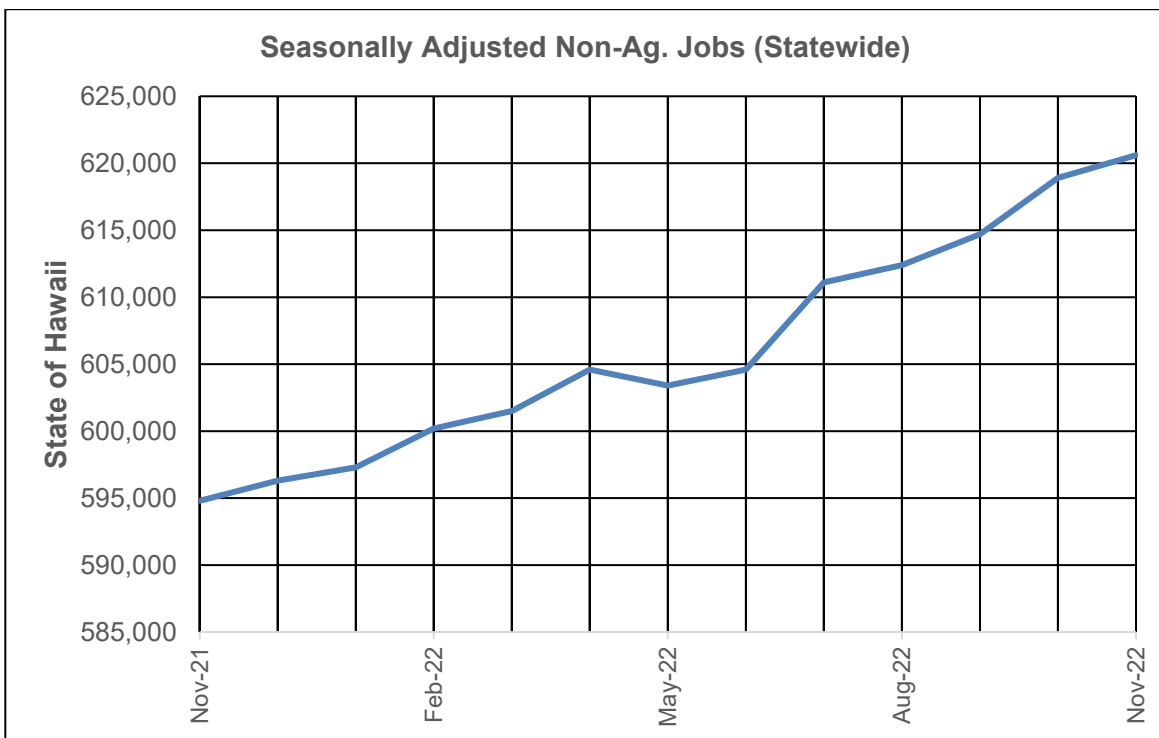
\* benchmarked data

### **Industry Payroll Employment (Establishment Survey)**

In another measure of employment, total nonagricultural jobs increased over-the-month by 1,700. Job gains occurred in Leisure & Hospitality (+1,400); Education & Health Services (+700); Other Services (+500); Construction (+400); and Information (+100); Within Leisure & Hospitality, expansion was largely in Food Services & Drinking Places. Most of the rise in the Education & Health Services grouping was in Health Care & Social Assistance. Job losses occurred in Manufacturing (-100); Financial Activities (-100); Trade, Transportation, & Utilities (-400); and Professional & Business Services (-500). Within the Trade, Transportation, & Utilities grouping, smaller than typical seasonally hiring in Retail Trade brought employment down. Contraction in Professional & Business Services was concentrated in the Administrative & Support & Waste Management & Remediation Services subsector. Government employment contracted by 300 jobs. Over-the-year (November 2021 was the 20th month of pandemic effects), nonfarm jobs have gone up by 25,800, or 4.3 percent. However, in comparison with March 2020 (last month prior to pandemic effects), nonfarm jobs were down by 34,700, or -5.3 percent.

### Seasonally Adjusted Non-Ag. Jobs (Statewide)

	Nov-22	Oct-22	Nov-21
MINING, LOGGING & CONSTRUCTION	37,700	37,300	36,300
MANUFACTURING	12,300	12,400	12,300
Durable Goods	3,100	3,100	3,200
Non-Durable Goods	9,200	9,300	9,100
TRADE, TRANSPORTATION & UTILITIES	111,600	112,000	111,400
Wholesale Trade	15,800	15,900	16,400
Retail Trade	63,800	64,300	64,000
Transportation, Warehousing, & Utilities	32,000	31,800	31,000
INFORMATION	9,000	8,900	8,000
FINANCIAL ACTIVITIES	25,500	25,600	27,200
Finance & Insurance	14,700	14,700	15,900
Real Estate & Rental & Leasing	10,800	10,900	11,300
PROFESSIONAL & BUSINESS SERVICES	69,700	70,200	68,400
Professional, Scientific, Tech Svcs	25,200	25,200	24,800
Management of Companies & Enterprises	8,800	8,700	8,600
Administrative & Support & Waste Mgmt	35,700	36,300	35,000
EDUCATION & HEALTH SERVICES	87,400	86,700	84,700
Educational Services	14,400	14,200	13,300
Health Care & Social Assistance	73,000	72,500	71,400
LEISURE & HOSPITALITY	120,300	118,900	102,500
Arts, Entertainment & Recreation	10,500	10,600	9,900
Accommodation & Food Services	109,800	108,300	92,600
OTHER SERVICES	25,900	25,400	24,800
GOVERNMENT	121,200	121,500	119,200
Federal Government	35,400	35,500	34,500
State Government	67,100	67,400	66,300
Local Government	18,700	18,600	18,400
<b>TOTAL: STATEWIDE</b>	<b>620,600</b>	<b>618,900</b>	<b>594,800</b>
<b>TOTAL: HONOLULU MSA</b>	<b>445,500</b>	<b>445,000</b>	<b>426,900</b>
<b>TOTAL: KAHULUI-WAILUKU-LAHAINA MSA</b>	<b>74,900</b>	<b>74,600</b>	<b>71,600</b>



## Technical Notes

### **Labor Force Components**

The concepts and definitions used by the Local Area Unemployment Statistics (LAUS) program are the same as those used in the Current Population Survey for the national labor force data:

- *Civilian labor force.* Included are all persons in the civilian noninstitutional population ages 16 and older classified as either employed or unemployed. (See the definitions below.)
- *Employed persons.* These are all persons who, during the reference week (the week including the 12th day of the month), (a) did any work as paid employees, worked in their own business or profession or on their own farm, or worked 15 hours or more as unpaid workers in an enterprise operated by a member of their family, or (b) were not working but who had jobs from which they were temporarily absent because of vacation, illness, bad weather, childcare problems, maternity or paternity leave, labor-management dispute, job training, or other family or personal reasons, whether or not they were paid for the time off or were seeking other jobs. Each employed person is counted only once, even if he or she holds more than one job.
- *Unemployed persons.* Included are all persons who had no employment during the reference week, were available for work, except for temporary illness, and had made specific efforts to find employment sometime during the 4 week-period ending with the reference week. Persons who were waiting to be recalled to a job from which they had been laid off need not have been looking for work to be classified as unemployed.
- *Unemployment rate.* The unemployed percent of the civilian labor force [i.e., 100 times (unemployed/civilian labor force)].

### **Seasonal Adjustment**

The seasonal fluctuations in the number of employed and unemployed persons reflect hiring and layoff patterns that accompany regular events such as the winter holiday season and the summer vacation season. These variations make it difficult to tell whether month-to-month changes in employment and unemployment are due to normal seasonal patterns or to changing economic conditions. Therefore, the BLS uses a statistical technique called seasonal adjustment to address these issues. This technique uses the history of the labor force data and the job count data to identify the seasonal movements and to calculate the size and direction of these movements. A seasonal adjustment factor is then developed and applied to the estimates to eliminate the effects of regular seasonal fluctuations on the data. Seasonally adjusted statistical series enable more meaningful data comparisons between months or with an annual average.

### **Current Population (Household) Survey (CPS)**

A survey conducted for employment status in the week that includes the 12<sup>th</sup> day of each month generates the unemployment rate statistics, which is a separate survey from the Establishment Survey that yields the industry job counts. The CPS survey contacts approximately 1,000 households in Hawaii to determine an individual's current employment status. Employed persons consist of: 1) all persons who did any work for pay or profit during the survey reference week, 2) all persons who did at least 15 hours of unpaid work in a family-owned enterprise operated by someone in their household, and 3) all persons who were temporarily absent from their regular jobs, whether they were paid or not. Persons considered unemployed are ones that do not have a job, have actively looked for work in the prior four weeks and are available for work. Temporarily laid off workers are counted as unemployed, whether they have engaged in a specific job seeking activity. Persons not in the labor force are those who are not classified as employed or unemployed during the survey reference week.

### **Benchmark Changes to Local Area Unemployment Statistics Data**

Statewide and substate data for 2010-2021 have revised inputs and have been re-estimated to reflect revised population controls and model re-estimation.

### **Change to Monthly Employment Estimates**

This release incorporates revised job count figures for the seasonally adjusted series. The revised data reflects historical corrections applied to unadjusted super sector or sector level series dating back from 1990 through 2021. For years, analysts with the State DLIR's Research and Statistics Office have developed monthly employment estimates for Hawaii and its metropolitan areas. These estimates were based on a monthly survey of Hawaii businesses and analysts' knowledge about our local economies. Beginning with the production of preliminary estimates for March 2011, responsibility for the production of State and metropolitan area (MSA) estimates were transitioned from individual state agencies to the U.S Bureau of Labor Statistics (BLS).

For Hawaii, this means the transition of statewide, Honolulu and Kahului-Wailuku-Lahaina MSA estimates for both the seasonally adjusted and not seasonally adjusted areas are produced by BLS. State agencies will continue to provide the BLS with information on local events that may affect the estimates, such as strikes or large layoffs/hiring at businesses not covered by the survey and to disseminate and analyze the Current Employment Statistics (CES) estimates for local data users. BLS feels this change is designed to improve the cost efficiency of the CES program and to reduce the potential bias in state and area estimates. A portion of the cost savings generated by this change is slated to be directed towards raising survey response rates in future years, which will decrease the level of statistical error in the CES estimates. Until then, state analysts feel this change could result in increased month-to-month variability for the industry employment numbers particularly for Hawaii's counties and islands. BLS can be reached at (202) 691-6533 for any questions about these estimates.

The not seasonally adjusted job estimates for Hawaii County, Kauai County, Maui Island, Molokai, and Lanai are produced by the State of Hawaii Department of Business, Economic Development, & Tourism.

**Seasonally Adjusted Labor Force & Unemployment Estimates for Honolulu & Maui Co.**

BLS publishes smoothed seasonally adjusted civilian labor force and unemployment estimates for all metropolitan areas, which includes the City and County of Honolulu and Maui County. BLS releases this data each month in the *Metropolitan Area Employment and Unemployment* news release. The schedule is available at <http://www.bls.gov/news.release/metro.toc.htm>.

**Alternative Measures of Labor Underutilization**

<i>Alternative Measures of Labor Underutilization for States, Fourth Quarter of 2021 through Third Quarter of 2022 Averages</i>						
State	Measure					
	U-1	U-2	U-3	U-4	U-5	U-6
United States	1.4	1.8	3.8	4.0	4.7	7.1
Hawaii	1.4	1.6	3.6	3.9	4.4	7.6

The six alternative labor underutilization state measures based on the Current Population Survey (CPS) and compiled on a 4-quarter moving average basis defined:

- U-1, persons unemployed 15 weeks or longer, as a percent of the civilian labor force;
- U-2, job losers and persons who completed temporary jobs, as a percent of the civilian labor force;
- U-3, total unemployed, as a percent of the civilian labor force (this is the definition used for the official unemployment rate);
- U-4, total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers;
- U-5, total unemployed, plus discouraged workers, plus all other marginally attached workers\*, as a percent of the civilian labor force plus all marginally attached workers; and
- U-6, total unemployed, plus all marginally attached workers, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers.

\* Individuals who want, and are available for work, and who have looked for a job sometime in the prior 12 months (or since the end of their last job if they held one within the past 12 months), but were not counted as unemployed because they had not searched for work in the four weeks preceding the survey, for such reasons as child care or transportation problems, for example. Discouraged workers are a subset of the marginally attached.

Note that, the state unemployment rates (U-3) that are shown are derived directly from the CPS. As a result, these U-3 measures may differ from the official state unemployment rates for the latest 4-quarter period. The latter are estimates developed from statistical models that incorporate CPS estimates, as well as input data from other sources, such as state unemployment claims data.

**Media Contact:**

Dr. Eugene Tian  
Research and Economic Analysis Division  
Department of Business, Economic Development & Tourism  
(808) 586-2470  
[eugene.x.tian@hawaii.gov](mailto:eugene.x.tian@hawaii.gov)  
[dbedt.hawaii.gov/economic](http://dbedt.hawaii.gov/economic)