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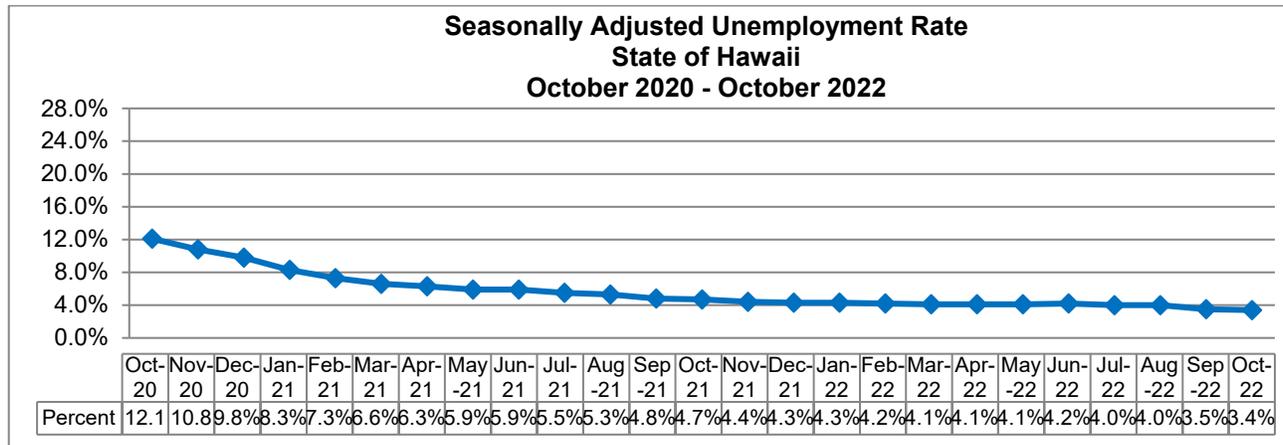
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**FOR IMMEDIATE RELEASE**  
November 17, 2022

**HAWAII'S OCTOBER UNEMPLOYMENT RATE AT 3.4 PERCENT**

*Jobs increased by 25,200 over-the-year*

HONOLULU — The Hawaii State Department of Business, Economic Development & Tourism (DBEDT) today announced that the seasonally adjusted unemployment rate for October was 3.4 percent, compared to 3.5 percent in September. Statewide, 654,050 were employed and 22,850 unemployed in October for a total seasonally adjusted labor force of 676,900. Nationally, the seasonally adjusted unemployment rate was 3.7 percent in October up from 3.5 percent in September.



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 3.5 percent in October, compared to 3.4 percent in September.

<b>State of Hawaii Seasonally Adjusted Labor Force Data**</b>			
	<u>Oct 2022</u>	<u>Sep 2022</u>	<u>Oct 2021*</u>
Labor Force	676,900	676,750	672,400
Employment	654,050	653,250	640,950
Unemployment	22,850	23,500	31,450

\* benchmarked data

\*\*totals may not add due to rounding

	OCT 2022	SEP 2022	OCT* 2021
<b><u>Seasonally Adjusted</u></b>			
<b>STATE</b>	<b>3.4</b>	<b>3.5</b>	<b>4.7</b>
<b>U. S.</b>	<b>3.7</b>	<b>3.5</b>	<b>4.6</b>
<b><u>Not Seasonally Adjusted</u></b>			
<b>STATE</b>	<b>3.5</b>	<b>3.4</b>	<b>5.1</b>
HONOLULU	3.4	3.3	4.8
HAWAII COUNTY	3.7	3.5	4.9
KAUAI	4.0	3.9	6.3
MAUI COUNTY	3.9	3.7	6.2
Maui Island	3.8	3.7	6.1
Molokai	8.4	7.3	10.0
Lanai	1.7	1.8	6.2
<b>U. S.</b>	<b>3.4</b>	<b>3.3</b>	<b>4.3</b>

county & island rates are not seasonally adjusted

\* benchmarked data

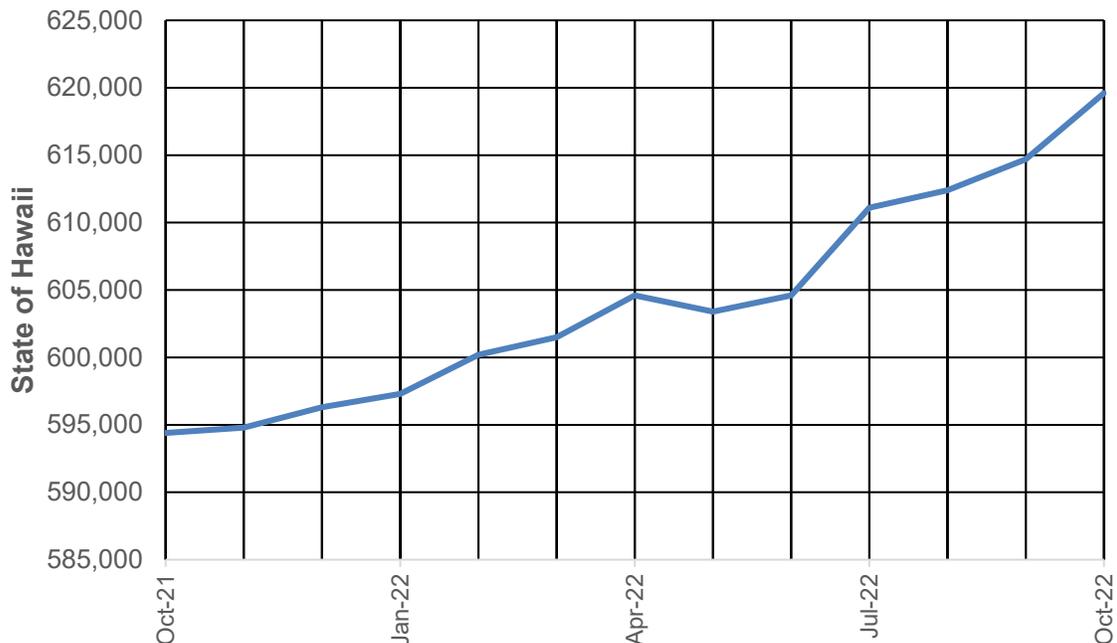
### **Industry Payroll Employment (Establishment Survey)**

In a separate measure of employment, total nonagricultural jobs increased by 4,900 in October over September. Job gains were experienced in Leisure & Hospitality (+3,800); Education & Health Services (+400); Construction (+300); Financial Activities (+300); Information (+200); Manufacturing (+100); and Trade, Transportation, & Utilities (+100). Within Leisure & Hospitality, expansion was primarily in Food Services & Drinking Places, and secondarily in Accommodation; and Arts, Entertainment, & Recreation. For the second consecutive month, all the rise in the Education & Health Services grouping was in Health Care & Social Assistance. Employment remained stable in Professional & Business Services. Job losses occurred in Other Services (-100). Government employment contracted by 200 jobs. Over-the-year (October 2021 was the 19th month of pandemic effects), nonfarm jobs have gone up by 25,200, or 4.2 percent. However, in comparison with March 2020 (last month prior to pandemic effects), nonfarm jobs were down by 35,700, or -5.4 percent.

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

	Oct-22	Sep-22	Oct-21
MINING, LOGGING & CONSTRUCTION	37,100	36,800	36,400
MANUFACTURING	12,500	12,400	12,300
Durable Goods	3,200	3,100	3,200
Non-Durable Goods	9,300	9,300	9,100
TRADE, TRANSPORTATION & UTILITIES	112,200	112,100	111,400
Wholesale Trade	15,900	15,900	16,400
Retail Trade	64,500	64,500	64,000
Transportation, Warehousing, & Utilities	31,800	31,700	31,000
INFORMATION	8,900	8,700	8,100
FINANCIAL ACTIVITIES	25,600	25,300	27,300
Finance & Insurance	14,700	14,600	15,900
Real Estate & Rental & Leasing	10,900	10,700	11,400
PROFESSIONAL & BUSINESS SERVICES	70,300	70,300	68,800
Professional, Scientific, Tech Svcs	25,200	24,900	25,100
Management of Companies & Enterprises	8,700	8,800	8,600
Administrative & Support & Waste Mgmt	36,400	36,600	35,100
EDUCATION & HEALTH SERVICES	86,300	85,900	84,900
Educational Services	13,800	13,900	13,300
Health Care & Social Assistance	72,500	72,000	71,600
LEISURE & HOSPITALITY	119,800	116,000	100,200
Arts, Entertainment & Recreation	10,500	10,400	9,600
Accommodation & Food Services	109,300	105,600	90,600
OTHER SERVICES	25,400	25,500	25,300
GOVERNMENT	121,500	121,700	119,700
Federal Government	35,500	35,400	34,600
State Government	67,500	67,700	66,700
Local Government	18,500	18,600	18,400
<b>TOTAL: STATEWIDE</b>	<b>619,600</b>	<b>614,700</b>	<b>594,400</b>
<b>TOTAL: HONOLULU MSA</b>	<b>445,400</b>	<b>442,900</b>	<b>427,400</b>
<b>TOTAL: KAHULUI-WAILUKU-LAHAINA MSA</b>	<b>74,700</b>	<b>74,100</b>	<b>71,500</b>

Seasonally Adjusted Non-Ag. Jobs (Statewide)



### **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 Lānai 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
<b>United States</b>	1.4	1.8	3.8	4.0	4.7	7.1
<b>Hawaii</b>	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.

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