November 16, 2023 October 2023

# Employment Report

Doug Walls Labor Market Information Director



# TYPES OF EMPLOYMENT DATA ANALYZED

## **SURVEY OF BUSINESS**

#### **CURRENT EMPLOYMENT STATISTICS**

- Employment and wage estimates by industry
- Measures jobs not number of people employed
- Excludes most agriculture, self-employed, family, and military

## **SURVEY OF HOUSEHOLDS**

#### LOCAL AREA UNEMPLOYMENT STATISTICS

- Unemployment, employment and labor force levels
  by geographic region
- Measures people employed not number of jobs
- Excludes individuals not in the labor force



## TYPES OF ANALYSIS DISCUSSED

## **MONTH-OVER-MONTH**

- Numeric/Percentage Change
- · Influence of seasonal trends are included
- <u>Main Use</u>: Compare changes with previous years in the same month – comparison with previous years

## **YEAR-OVER-YEAR**

- Numeric/Percentage Change
- Removes influence of seasonal trends
- Main Use: Compare changes with previous time periods – long-term trends (growing, declining, accelerating, or decelerating)



## MONTH-OVER-MONTH (MoM) HIGHLIGHTS

- The Arizona seasonally adjusted (SA) unemployment rate increased to 4.2% in October 2023 from 4.0% in September 2023
- The U.S. SA unemployment rate increased to 3.9% in October 2023 from 3.8% in September 2023
- Arizona NSA total nonfarm employment increased by 17,200 jobs (0.5%)
- Seven of the 11 major sectors recorded job gains
  - The largest job gains were recorded in Trade, Transportation, & Utilities (9,500 jobs) and Private Education & Health Services (6,200 jobs)
  - Job losses were recorded in Financial Activities (-2,300 jobs), Manufacturing (-200 jobs), and Other Services (-200 jobs)
- Six of the seven Arizona metro areas recorded job gains
- September 2023 NSA total nonfarm employment was revised to a gain of 29,400 jobs from a gain of 30,900 jobs



## YEAR-OVER-YEAR (YoY) HIGHLIGHTS

- Arizona NSA nonfarm employment increased by 51,100 jobs (1.6%)
- Arizona private sector employment increased by 33,700 jobs (1.2%), while government employment increased by 17,400 jobs (4.1%)
- Eight of the 11 major sectors recorded job gains
  - The largest gains were recorded in Private Education and Health Services\* (24,100 jobs) and Government (17,400 jobs)
  - o Losses were recorded in Other Services (-3,600 jobs) and Information (-2,900 jobs) and Manufacturing (-1,100 jobs)
- All seven Arizona metro areas (MSAs) gained jobs
  - o The largest percentage gains were recorded in Yuma MSA (2.0%) and Phoenix-Mesa-Scottsdale MSA (1.7%)
  - The smallest percentage gains were recorded in Lake Havasu City-Kingman MSA (0.5%) and Prescott MSA (1.0%)

\*The previously titled Education and Health Services sector was renamed to the Private Education and Health Services. Employment as previously defined for this industry did not change.





Note: Seasonally adjusted; rounded to the nearest 100



## REGULAR WEEKLY UNEMPLOYMENT INSURANCE (UI) CLAIMS



#### **Highlights:**

During the week ending 11/04/2023, 24,099 unemployment insurance (UI) claims were filed in Arizona

- UI claims were up 26.3% from a similar week in 2022
- UI claims were up 15.5% from a similar week in 2019

Source: Produced by the Arizona Office of Economic Opportunity



## INITIAL WEEKLY UNEMPLOYMENT INSURANCE (UI) CLAIMS\*



Month-Year

\*Initial claims refers to the number of workers applying for unemployment benefits for the first time following job loss. Source: Produced by the Arizona Office of Economic Opportunity



#### Highlights:

During the week ending 11/04/2023, 3,449 initial unemployment insurance (UI) claims were filed in Arizona

- Initial claims were up 11.9% from a similar week in 2022
- UI claims were down 13.0% from a similar week in 2019

# ARIZONA OPENINGS, QUITS AND HIRES RATES: Jan. 2012 to Aug. 2023



Source: U.S. Bureau of Labor Statistics



#### Highlights:

- The Arizona openings rate increased to 6.0% in August 2023 from 5.9% in July 2023
- The Arizona quits rate decreased to 2.6% in August 2023 from 3.0% in July 2023
- The Arizona hires rate increased to 4.1% in August 2023 from 4.0% in July 2023

# U.S. OPENINGS, QUITS AND HIRES RATES Jan. 2012 to Sept. 2023



Source: U.S. Bureau of Labor Statistics



#### Highlights:

- The U.S. openings rate remained at 5.7% in September 2023 from August 2023
- The U.S. quits rate remained at 2.3% in September 2023 from August 2023
- The U.S. hires rate remained at 3.7% in September 2023 from August 2023

## CONSUMER PRICE INDEX YEAR-OVER-YEAR PERCENT CHANGE (October 2023)

Not Seasonally Adjusted



Source: US BLS CPI Program

#### Highlights:

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US CPI increased 3.2% year-over-year (YoY) in October 2023

- Housing prices rose 5.2%
- Energy prices fell 4.5%
- Food prices rose 3.3%
- Transportation prices rose
  0.8%



## CONSUMER PRICE INDEX YEAR-OVER-YEAR PERCENT CHANGE (October 2023)

Not Seasonally Adjusted



#### oenix MSA estimates are released every other mon



#### **Highlights:**

- US CPI increased 3.2% year-over-year (YoY) in October 2023
  - Housing prices rose 5.2%
  - Energy prices fell 4.5%
  - Food prices rose 3.3%
  - Transportation prices rose
    0.8%
- Phoenix MSA CPI increased 2.9% YoY in October 2023
  - Housing prices rose 5.4%
  - Energy prices fell 0.9%
  - Food prices rose 3.4%
  - Transportation prices fell 3.6%

## FEDERAL FUNDS EFFECTIVE RATE

#### Not Seasonally Adjusted



#### Notable Changes:

 The federal funds effective rate remained at 5.33 in October 2023 from September 2023

Source: Board of Governors of the Federal Reserve System



## Not Seasonally Adjusted

Arizona Total Nonfarm Employment





#### Not Seasonally Adjusted



#### Highlight:

Total Nonfarm Employment gained 51,100 jobs (1.6%)



## Not Seasonally Adjusted

Arizona Private Sector





## Not Seasonally Adjusted **Private Sector** United States Arizona 9% 4% 1.8% .2% -1% -6% -11% -16% othe othe othe othe othe othe othe OCEN 002-21 OCTIL 0000000



## Not Seasonally Adjusted



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS

#### Highlights:

Government gained 2,500 jobs (0.6%)

State Government gained 1,700 jobs (1.7%)

- State Government Education gained 1,000 jobs (1.6%)
- Other State Government gained 700 jobs (1.8%)

Local Government gained 1,100 jobs (0.4%)

- Local Government Education gained 1,100 jobs (0.8%)
- Other Local Government remained the same (0.0%)

Federal Government lost 300 jobs (-0.5%)



## Not Seasonally Adjusted



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS



Government gained 17,400 jobs (4.1%)

Local Government gained 9,900 jobs (3.7%)

- Other Local Government gained 5,000 jobs (3.7%)
- Local Government Education gained 4,900 jobs (3.6%)

State Government gained 5,200 jobs (5.5%)

- State Government Education gained 3,400 jobs (5.8%)
- Other State Government gained 1,800 jobs (4.9%)

Federal Government gained 2,300 jobs (4.0%)



## Not Seasonally Adjusted

#### Arizona NSA Month-Over-Month Employment Gain/Loss by Sector





## Total Nonfarm Employment by Region



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS



Not Seasonally Adjusted

## Not Seasonally Adjusted



#### Flagstaff MSA NSA Month-Over-Month Employment Gain/Loss by



## Not Seasonally Adjusted





Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics



thousands

## Not Seasonally Adjusted

#### Arizona NSA Year-Over-Year Employment Gain/Loss by Sector thousands





## Not Seasonally Adjusted

#### Total Nonfarm Employment by Region Over-the-Year Percent Gain/Loss





## Not Seasonally Adjusted

Lake Havasu City-Kingman MSA NSA Year-Over-Year Employment Gain/Loss by Sector thousands





## Not Seasonally Adjusted

(thousands)

Arizona Professional & Business Svcs



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS

#### Highlights:

Professional & Business Services gained 600 jobs (0.1%)

- Professional, Scientific and Technical Services gained 1,700 jobs (0.9%)
- Management of Companies and Enterprises gained 400 jobs (0.9%)
- Employment Services lost 1,200 jobs (-1.1%)
- Business Support Services lost 200 jobs (-0.8%)
  - Losses were primarily driven by telemarketing bureaus
- Services To Buildings and Dwellings lost 100 jobs (-0.2%)
  - Losses were primarily driven by landscaping services



## Not Seasonally Adjusted



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS



#### Highlights:

Professional & Business Svcs gained 1,300 jobs (0.3%)

- Professional, Scientific and Technical Services gained 6,400 jobs (3.6%)
- Management of Companies and Enterprises gained 2,700 jobs (6.3%)
- Employment Services lost 5,200 jobs (-4.5%)
- Business Support Services lost 3,900 jobs (-13.3%)
- Services To Buildings and Dwellings lost 1,400 jobs (-3.0%)

### Not Seasonally Adjusted

(thousands)

Arizona Trade, Transportation & Utilities



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS



Trade, Transportation & Utilities gained 9,500 jobs (1.6%)

- Retail Trade gained 5,000 jobs (1.5%)
- Transportation and Warehousing gained 3,100 jobs (2.4%)
- Wholesale Trade gained 1,200 jobs (1.0%)
- Utilities gained 200 jobs (1.7%)



#### Not Seasonally Adjusted



#### Highlights:

Trade, Transportation & Utilities gained 3,500 jobs (0.6%)

- Wholesale Trade gained 7,300 jobs (6.6%)
- Utilities gained 400 jobs (3.4%)
- Retail Trade gained 300 jobs (0.1%)
- Transportation and Warehousing lost 4,500 jobs (-3.2%)



## Not Seasonally Adjusted

Arizona Leisure & Hospitality



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS

#### Highlights:

Leisure & Hospitality gained 700 jobs (0.2%)

- Arts, Entertainment and Recreation gained 200 jobs (0.5%)
- Accommodations gained 200 jobs (0.5%)
  - gains were primarily driven by hotels and motels
- Food Services and Drinking Places gained 300 jobs (0.1%)
  - gains were driven by food service contractors and snack bars



## Not Seasonally Adjusted



#### Highlights:

Leisure & Hospitality gained 6,400 jobs (1.9%)

- Food Services and Drinking Places gained 4,300 jobs (1.7%)
- Accommodations gained 2,400 jobs (5.7%)
- Arts, Entertainment and Recreation lost 300 jobs (-0.7%)



## Not Seasonally Adjusted

(thousands)

Arizona Financial Activities



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS

#### Highlights:

Financial Activities lost 2,300 jobs (-0.9%)

- Real Estate and Rental and Leasing lost 1,100 jobs (-1.7%)
- Losses were recorded in residential property managers, and real estate offices
- Credit Intermed., Monetary Auth. lost 900 jobs (-1.0%)
  - Losses were recorded in commercial banking
- Insurance Carriers lost 200 jobs (-0.3%)
- Financial Investments and Vehicles lost 100 jobs (-0.4%)
  - Most losses were among investment advisors



## 30-Year Fixed Rate Mortgage Average in the United States

### Not Seasonally Adjusted





#### Notable Changes:

- The mortgage rates decreased by -0.07 percentage points MoM (-0.9%) to 7.50% on 11/09/23 from 7.57% on 10/12/23
  - This follows a nearly 23-yr high
- The mortgage rates increased by 0.42 percentage points YoY (5.9%) to 7.50% on 11/09/23 from 7.08% on 11/10/22

# U.S. Mortgage Originations, Purchases

#### Not Seasonally Adjusted



Source: Mortgage Bankers Association



#### Notable Changes:

 2023 Q2 Mortgage Purchases totaled \$371B, down from \$477B in 2022 Q2 (-22%)

## Net Percentage of Domestic Banks Tightening Standards for Commercial and Industrial Loans to Large and Middle-Market Firms\*

Not Seasonally Adjusted



\*Defined as firms with annual sales of \$50 million or more Source: Board of Governors of the Federal Reserve System



#### Highlights:

- In Q4-2023, 33.9% of domestic banks tightened lending standards, down from 50.8% of banks in Q3-2023
- In Q4-2022, 39.1% of domestic banks tightened lending standards
#### Not Seasonally Adjusted



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS



Financial Activities gained 800 jobs (0.3%)

- Real Estate and Rental and Leasing gained 2,700 jobs (4.4%)
- Financial Investments and Vehicles gained 200 jobs (0.9%)
- Insurance Carriers remained the same (0.0%)
- Credit Intermediaries, Monetary Authorities lost 2,100 jobs (-2.3%)



#### Not Seasonally Adjusted

Arizona Construction



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS

#### Highlights:

Construction remained unchanged (0.0%)

- Specialty Trades Construction Contractors gained 200 jobs (0.2%)
- Heavy and Civil Engineering Construction gained 100 jobs (0.4%)
- Construction of Buildings lost 300 jobs (-0.7%)
  - losses were driven by industrial building construction



## Year-to-Date Construction Employment Change: January to October Not Seasonally Adjusted





### Not Seasonally Adjusted



#### Highlights:

Construction gained 3,900 jobs (2.0%)

- Construction of Buildings gained 1,900 jobs (4.4%)
- Specialty Trades Construction Contractors gained 1,200 jobs (0.9%)
- Heavy and Civil Engineering Construction gained 800 jobs (3.6%)



### ARIZONA NEW PRIVATE HOUSING UNITS AUTHORIZED BY BUILDING PERMITS

#### Seasonally Adjusted



Source: U.S. Census Bureau

## **ARIZONA**

- Building permits increased by 30.1% in September 2023 from August 2023
- 6,731 building permits were authorized in September 2023, an increase of 1,991 permits (42.0%) from August 2022
- Building permits hit an eight year low in January 2023

### U.S. NEW PRIVATE HOUSING UNITS AUTHORIZED BY BUILDING PERMITS

#### Seasonally Adjusted



**Highlights:** 

- Building permits decreased by 4.5% in September 2023 from August 2023
- 1,471,000 building permits were authorized in September 2023, a decrease of 117,000 permits (-7.4%) from September 2022

Source: U.S. Census Bureau



# HOUSING INVENTORY: MEDIAN DAYS ON MARKET IN ARIZONA

Not Seasonally Adjusted



Source: Realtor.com



- The median days property listings were active decreased to 43 days in October 2023 from 44 in September 2023
- Year-over-year, the median days property listings were active increased by -9 days (-17.3%)

# HOUSING INVENTORY: MEDIAN LISTING PRICE IN ARIZONA

#### U.S. Dollars, Monthly, Not Seasonally Adjusted





- The median listing price decreased to \$499,450 in October 2023 from \$499,990 in September 2023
- The median listing price increased 6.3% YoY in October 2023

# HOUSING INVENTORY: ACTIVE LISTING COUNT IN ARIZONA

Not Seasonally Adjusted



Source: Realtor.com



- The count of active home listings increased by 2,160 (14.0%) in October 2023 from September 2023
- Active home listings were down 7,645 (-30.4%) in October 2023 from October 2022

### Not Seasonally Adjusted



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS

#### Highlights:

Manufacturing lost 200 jobs (-0.1%)

- Durable Goods gained 400 jobs (0.3%)
- Fabricated Metal remained the same (0.0%)
- Computer and Electronic Parts remained the same (0.0%)
- Aerospace Products and Parts remained the same (0.0%)
- Nondurable Goods lost 600
   jobs (-1.3%)



#### Not Seasonally Adjusted



#### Highlights:

Manufacturing lost 1,100 jobs (-0.6%)

- Durable Goods gained 2,200 jobs (1.5%)
- Aerospace Products and Parts gained 1,700 jobs (5.5%)
- Fabricated Metal gained 700 jobs (3.0%)
- Computer and Electronic
   Parts lost 1,000 jobs (-2.9%)
- Nondurable Goods lost 3,300 jobs (-6.7%)



## MONTH-OVER-MONTH EMPLOYMENT CHANGE Not Seasonally Adjusted

#### (thousands) Arizona Private Education & Health Services 8.0 7.6 7.0 6.2 6.0 6.0 5.3 5.0 5.0 4.5 4.3 4.0 3.9 4.0 2.8 3.0 2.0 1.0 0.7 0.0 Oct-22 Oct-13 Oct-14 Oct-15 Oct-16 Oct-17 Oct-18 Oct-19 Oct-20 Oct-21 Oct-23 Historic 10-Year Average ('13-'22): 4.400 Jobs or 1.0% Pre- Pandemic Average ('10-'19): 3.700 Jobs or 0.9%

Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS

#### Highlights:

Private Education & Health Services gained 6,200 jobs (1.2%)

- Private Educational Services gained 2,000 jobs (2.6%)
- Social Assistance gained 1,700 jobs (2.4%)
- Hospitals gained 1,100 jobs (1.1%)
- Nursing and Residential Care Facilities gained 800 jobs (1.5%)
- Ambulatory Health Care Services gained 600 jobs (0.3%)



#### Not Seasonally Adjusted



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS



#### Highlights:

Private Education & Health Services gained 24,100 jobs (4.9%)

- Ambulatory Health Care Services gained 9,900 jobs (5.1%)
- Private Educational Services gained 5,200 jobs (7.1%)
- Hospitals gained 3,900 jobs
   (3.9%)
- Social Assistance gained 3,100 jobs (4.4%)
- Nursing and Residential Care Facilities gained 2,000 jobs (3.7%)

#### Not Seasonally Adjusted

Arizona Natural Resources & Mining (thousands) 0.4 0.3 0.3 0.2 0.2 0.2 0.1 0.1 0.1 0.0 0.0 0.0 0.0 (0.1)(0.2)-0.2 -0.2 (0.3)-0.3 (0.4)Oct-17 Oct-14 Oct-15 Oct-16 Oct-18 Oct-19 Oct-20 Oct-21 Oct-22 Oct-23 Oct-13 00 Jobs or 0% Historic 10-Year Average ('13-'22): Pre- Pandemic Average ('10-'19): 100 Jobs or 0.7%

Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS



#### Highlights:

Natural Resources & Mining gained 200 jobs (1.4%)

Metal Ore Mining gained 100 jobs (0.8%)

#### Not Seasonally Adjusted



#### Highlights:

Natural Resources & Mining gained 1,300 jobs (10.0%)

Metal Ore Mining gained 1,100 jobs (9.9%)



### Not Seasonally Adjusted



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS



#### Highlight:

 Other Services lost 200 jobs (-0.2%)

#### Not Seasonally Adjusted



#### Highlight:

 Other Services lost 3,600 jobs (-3.6%)



#### Not Seasonally Adjusted



Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS



#### Highlights:

#### Information gained 200 jobs (0.4%)

 Telecommunications gained 200 jobs (1.6%)

### Not Seasonally Adjusted



#### Highlights:

#### Information lost 2,900 jobs (-5.7%)

 Telecommunications lost 300 jobs (-2.3%)



## **REPORT SUMMARY**

- Month-over-month, Arizona NSA nonfarm employment increased by 17,200
- Year-over-year, Arizona NSA nonfarm employment increased by 1.6% and U.S. NSA nonfarm employment increased by 1.9%
  - o Eight of the eleven major sectors recorded job gains
  - o All seven Arizona metro areas gained jobs
- The Arizona SA unemployment rate increased to 4.2% in October 2023
- The Arizona SA labor force increased by 10,242 individuals month-over-month



## EMPLOYMENT AND UNEMPLOYMENT STATE RANKINGS

State Rankings Download the Data!

Industry	Year	Month	*	Rank by	Seasonally Adjusted	
Total Nonfarm 🔹	2022	• September	•	O MoM % Change	<ul> <li>Yes</li> </ul>	
				YoY % Change	O No	

Total Nonfarm Employment Ranking by YoY % Change for September 2022



Employment Ranking by YoY % Change for Arizona September 2022 (Seaonally Adjusted: Yes) \*Click on map for ranking of specified state Employment Ranking by YoY % Change Top Five Ranked States by Industry September 2022 (Seaonally Adjusted: Yes)

	Arizona		Industry	Area Name 🚊	Rank	% Change
Industry	Rank	% Change	Total Nonfarm	Texas	1	5.6%
Total Nonfarm	24	3.4%		Louisiana	2	5.2%
Private Sector	24	3.8%		Florida	3	5.196
Goods-Producing Industries	8	5.6%		Georgia	4	5.0%
Service-Providing Industries	23	3.1%		Nevada	5	4.8%
Private Service Providing	29	3.5%	Private Sector	Texas	1	6.6%
Construction	31	2.5%		Louisiana	2	6.496
Education and Health Services	5	5.3%		Florida	3	5 8%



#### **Employment State Rankings**

 OEO Employment and Wage Page

#### **Unemployment State Rankings**

OEO Unemployment
 Webpage

## UPCOMING RELEASES

- December 21, 2023:
   November 2023 Press Release
- January 18, 2024:
  - December 2023 Press Release





## THANK YOU

