September 14, 2023 August 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 3.8% in August 2023 from 3.6% in July 2023
- The U.S. SA unemployment rate increased to 3.8% in August 2023 from 3.5% in July 2023
- Arizona NSA total nonfarm employment increased by 49,700 jobs
- Five of the 11 major sectors recorded job gains
  - The largest job gains were recorded in Government (31,700 jobs) and Private Education & Health Services (8,800 jobs)
  - The largest job losses were recorded in Trade, Transportation, & Utilities (-1,200 jobs) and Manufacturing (-800 jobs)
- Six of the seven Arizona metro areas recorded job gains
- July 2023 NSA total nonfarm employment was revised to a loss of 12,700 jobs from a loss of 11,600 jobs



### YEAR-OVER-YEAR (YoY) HIGHLIGHTS

- Arizona NSA nonfarm employment increased by 56,700 jobs (1.8%)
- Arizona private sector employment increased by 42,200 jobs (1.6%), while government employment increased by 14,500 jobs (3.6%)
- Seven of the eleven major sectors recorded job gains
  - The largest gains were recorded in Private Education and Health Services\* (19,600 jobs) and Government (14,500 jobs)
  - The largest losses were recorded in Information (-2,500 jobs) and Manufacturing (-700 jobs)
- Five of the seven Arizona metro areas (MSAs) gained jobs
  - The largest percentage gains were recorded in Flagstaff MSA (3.3%)
  - Losses were recorded in Sierra Vista-Douglas MSA (-1.5%) and Yuma MSA (-0.7%)

\*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.





PERIOD	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	UNEMPLOYMENT RATE
Aug-23	3,697,300	3,555,700	141,600	3.8%
OTM CHANGE	8,300	1,300	7,000	0.2
OTY CHANGE	65,800	69,000	-3,200	-0.2

Note: Seasonally adjusted; rounded to the nearest 100



### REGULAR WEEKLY UNEMPLOYMENT INSURANCE (UI) CLAIMS



#### **Highlights:**

During the week ending 09/02/2023, 29,802 unemployment insurance (UI) claims were filed in Arizona

- UI claims were up 28.9% from a similar week in 2022
- UI claims were up 9.3% 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

#### **ARIZONA** OFFICE OF ECONOMIC OPPORTUNITY

#### **Highlights:**

During the week ending 09/02/2023, 3,377 initial unemployment insurance (UI) claims were filed in Arizona

- Initial claims were up 16.2% from a similar week in 2022
- UI claims were down 6.8% from a similar week in 2019

### U.S. AND ARIZONA LABOR FORCE YEAR-OVER-YEAR PERCENTAGE CHANGE Seasonally Adjusted





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



Source: U.S. Bureau of Labor Statistics



#### Highlights:

- The Arizona openings rate decreased to 5.8% in June 2023 from 6.0% in May 2023
- The Arizona quits rate remained at 2.9% in June 2023 from May 2023
- The Arizona hires rate decreased to 3.9% in June 2023 from 4.7% in May 2023

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



Source: U.S. Bureau of Labor Statistics



#### Highlights:

- The U.S. openings rate decreased to 5.3% in July 2023 from 5.5% in June 2023
- The U.S. quits rate decreased to 2.3% in July 2023 from 2.4% June 2023
- The U.S. hires rate decreased to 3.7% in July 2023 from 3.8% in June 2023

# FEDERAL FUNDS EFFECTIVE RATE

#### Not Seasonally Adjusted



Source: Board of Governors of the Federal Reserve System



#### Notable Changes:

 The federal funds effective rate increased to 5.33 in August 2023 from 5.12 in July 2023

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

Not Seasonally Adjusted



#### Highlights:

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US CPI increased 3.7% year-over-year (YoY) in August 2023

- Housing prices rose 5.7%
- Energy prices fell 3.6%
- Food prices rose 4.3%
- Transportation prices rose 1.4%



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

Not Seasonally Adjusted



\*Phoenix MSA estimates are released every other month Source: US BLS CPI Program



- US CPI increased 3.7% year-over-year (YoY) in August 2023
  - Housing prices rose 5.7%
  - Energy prices fell 3.6%
  - Food prices rose 4.3%
  - Transportation prices rose
    1.4%
- Phoenix MSA CPI increased3.7% YoY in August 2023
  - Housing prices rose 6.8%
  - Energy prices rose 4.5%
  - Food prices rose 4.9%
  - Transportation prices fell 1.2%

### Not Seasonally Adjusted





#### Not Seasonally Adjusted



# Highlight:

 Total Nonfarm Employment gained 56,700 jobs (1.8%)



### Not Seasonally Adjusted



Arizona Private Sector



### Not Seasonally Adjusted

Arizona Government (thousands) 60.0 49.6 48.3 50.0 39.8 40.0 35.0 34.0 32.9 31.7 31.2 31.4 31.1 30.8 30.0 20.0 10.0 0.0 Aug-13 Aug-14 Aug-15 Aug-16 Aug-17 Aug-18 Aug-19 Aug-20 Aug-21 Aug-22 Aug-23 Historic 10-Year Average ('13-'22): 36,400 Jobs or 9.9% 35,600 Jobs or 9.8% Pre- Pandemic Average ('10-'19):

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

#### Highlights:

- Government gained 31,700 jobs (8.2%)
- Local Government gained 21,500 jobs (8.7%)
  - Local Government Education gained 22,300 jobs (21.1%)
- State Government gained 9,600 jobs (11.6%)
  - State Government Education gained 9,600 jobs (21.3%)
- Federal Government gained 600 jobs (1.0%)



### 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 14,500 jobs (3.6%)
- State Government gained 6,800 jobs (7.9%)
  - State Government Education gained 4,800 jobs (9.6%)
  - Other State Government gained 2,000 jobs (5.6%)
- Local Government gained 5,800 jobs (2.2%)
  - Other Local Government gained 6,200 jobs (4.6%)
  - Local Government Education lost 400 jobs (-0.3%)
- Federal Government gained 1,900 jobs (3.3%)



#### Not Seasonally Adjusted

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





Not Seasonally Adjusted

Total Nonfarm Employment by Region





### Not Seasonally Adjusted

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





#### Not Seasonally Adjusted





### Not Seasonally Adjusted

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





#### Not Seasonally Adjusted

#### Sierra Vista-Douglas MSA NSA Year-Over-Year Employment Gain/Loss by Sector

thousands





#### Not Seasonally Adjusted

#### Yuma MSA NSA Year-Over-Year Employment Gain/Loss by Sector

thousands

Mining and Construction 0.3 Private Education & Health Services 0.2 Leisure & Hospitality 0.0 Net Job Manufacturing 0.0 Change of (400) Other Services 0.0 Information 0.0 **Financial Activities** 0.0 Professional & Business Svcs -0.1 Government -0.1 Trade, Transportation & Utilities -0.7 -0.2 0.2 0.4 -0.8 -0.6 -0.4 0



### Not Seasonally Adjusted

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 6,000 jobs (1.3%)

- Management of Companies and Enterprises gained 600 jobs (1.3%)
- Employment Services gained 5,400 jobs (5.2%)
- Services To Buildings and Dwellings gained 1,200 jobs (2.7%)
- Professional, Scientific and Technical Services lost 1,100 jobs (-0.6%)
- Business Support Services lost 100 jobs (-0.4%)



### 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 Services gained 2,700 jobs (0.6%)

- Professional, Scientific and Technical Services gained 3,100 jobs (1.7%)
- Management of Companies and Enterprises gained 2,900 jobs (6.8%)
- Business Support Services lost 5,700 jobs (-18.9%)
- Employment Services lost 3,800 jobs (-3.3%)
- Services To Buildings and Dwellings lost 500 jobs (-1.1%)



### Not Seasonally Adjusted



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



#### Highlights:

Trade, Transportation & Utilities lost 1,200 jobs (-0.2%)

- Wholesale Trade gained 200 jobs (0.2%)
- Utilities remained the same (0.0%)
- Retail Trade lost 1,200 jobs (-0.4%)
- Transportation and Warehousing lost 200 jobs (-0.2%)

### Not Seasonally Adjusted



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



#### Highlights:

Retail Trade lost 1,200 jobs (-0.4%)

Losses were reported within:

- Rec Vehicle Dealers,
- Home Centers
- Building Material Dealers

#### Not Seasonally Adjusted



Highlights:

Trade, Transportation & Utilities lost 600 jobs (-0.1%)

- Wholesale Trade gained 7,900 jobs (7.2%)
- Utilities gained 300 jobs (2.6%)
- Retail Trade lost 4,900 jobs (-1.4%)
- Transportation and Warehousing lost 3,900 jobs (-2.9%)



### Not Seasonally Adjusted

(thousands) 7.0 5.8 6.0 5.4 4.7 5.0 4.6 4.5 4.3 4.0 3.7 4.0 3.4 2.6 3.0 2.0 1.0 0.0 (1.0)-0.7 (2.0)Aug-13 Aug-14 Aug-15 Aug-16 Aug-17 Aug-18 Aug-19 Aua-20 Aug-21 Aug-22 Aug-23 Historic 10-Year Average ('13-'22): 4.300 Jobs or 1.4% Pre- Pandemic Average ('10-'19): 4,000 Jobs or 1.4%

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 lost 700 jobs (-0.2%)

- Food Services and Drinking Places gained 1,500 jobs (0.6%)
- Arts, Entertainment & Rec. lost 1,500 jobs (-3.4%)
  - Losses occurred in Fitness Centers, Golf Courses, and Museums, among others
- Accommodations lost 700 jobs (-1.6%)



#### Not Seasonally Adjusted



#### Highlights:

Leisure & Hospitality gained 10,800 jobs (3.3%)

- Food Services and Drinking Places gained 8,600 jobs (3.5%)
- Accommodations gained 2,900 jobs (7.1%)
- Arts, Entertainment and Recreation lost 700 jobs (-1.6%)



### Not Seasonally Adjusted

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 gained 2,500 jobs (1.0%)

- Credit Intermediaries, Monetary Authorities gained 1,800 jobs (2.0%)
  - Gains occurred in Consumer Lending, Financial Transactions Processing, and Mortgage Loan Brokers
- Real Estate and Rental and Leasing gained 500 jobs (0.8%)



### Not Seasonally Adjusted



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

#### Highlights:

Financial Activities gained 5,100 jobs (2.1%)

- Real Estate and Rental and Leasing gained 6,000 jobs (10.1%)
- Financial Investments and Vehicles gained 400 jobs (1.8%)
- Insurance Carriers gained 100 jobs (0.1%)
- Credit Intermediaries, Monetary Authorities lost 1,400 jobs (-1.5%)



### Not Seasonally Adjusted

Arizona Construction (thousands) 4.5 3.9 4.0 3.5 3.0 2.5 2.0 1.5 1.1 0.9 1.0 0.8 0.8 0.6 0.3 0.3 0.5 0.2 0.1 0.0 -0.1 (0.5)Aug-13 Aug-14 Aug-15 Aug-16 Aug-17 Aug-18 Aug-19 Aug-20 Aug-21 Aug-22 Aug-23 Historic 10-Year Average ('13-'22): 500 Jobs or 0.3% 500 Jobs or 0.4% Pre- Pandemic Average ('10-'19):

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

#### Highlights:

Construction gained 3,900 jobs (2.0%)

- Construction of Buildings gained 1,700 jobs (3.8%)
- Specialty Trades Construction Contractors gained 1,500 jobs (1.1%)
- Heavy and Civil Engineering Construction gained 700 jobs (3.1%)


## Not Seasonally Adjusted



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

### Highlights:

Construction gained 7,200 jobs (3.7%)

- Construction of Buildings gained 3,300 jobs (7.7%)
- Specialty Trades Construction Contractors gained 2,500 jobs (1.9%)
- Heavy and Civil Engineering Construction gained 1,400 jobs (6.4%)



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

### Not Seasonally Adjusted



Source: Freddie Mac



#### Notable Changes:

٠

- The mortgage rates increased by 0.16 percentage points MoM (2.3%) to 7.12% on 09/07/23 from 6.96% on 08/10/23
- The mortgage rates increased by 1.23 percentage points YoY (20.9%) to 7.12% on 09/07/23 from 5.89% on 09/08/22

# HOUSING INVENTORY: MEDIAN DAYS ON MARKET IN ARIZONA

Not Seasonally Adjusted



Source: Realtor.com



- The median days property listings were active increased to 48 days in August 2023 from 47 in July 2023
- Year-over-year, the median days property listings were active increased by 9 days (23.1%)

# HOUSING INVENTORY: ACTIVE LISTING COUNT IN ARIZONA

Not Seasonally Adjusted



Source: Realtor.com



- The count of active home listings increased by 649 (4.7%) in August 2023 from July 2023
- Active home listings were down 8,642 (-37.3%) in August 2023 from August 2022

# HOUSING INVENTORY: MEDIAN LISTING PRICE IN ARIZONA

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





- The median listing price decreased to \$502,500 in August 2023 from \$510,000 in July 2023
- The median listing price increased 2.6% YoY in August 2023

## ARIZONA NEW PRIVATE HOUSING UNITS AUTHORIZED BY BUILDING PERMITS

## Seasonally Adjusted



#### Source: U.S. Census Bureau



- Building permits increased by 36.9% in July 2023 from June 2023
- 4,780 building permits were authorized in July 2023, a decrease of 133 permits (-2,7%) from July 2022

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

## Seasonally Adjusted



Source: U.S. Census Bureau



#### Highlights:

- Building permits increased by 0.1% in July 2023 from June 2023
- 1,443,000 building permits were authorized in July 2023, a decrease of 215,000 permits (-13.0%) from July 2022

## Not Seasonally Adjusted

(thousands)

Arizona Manufacturing



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

#### Highlights:

Manufacturing lost 800 jobs (-0.4%)

- Durable Goods lost 300 jobs (-0.2%)
  - Fabricated Metal remained unchanged (0.0%)
  - Aerospace Products and Parts gained 200 jobs (0.6%)
  - Computer and Electronic Parts lost 600 jobs (-1.7%)
- Nondurable Goods lost 500 jobs (-1.1%)



## 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 700 jobs (-0.4%)

- Durable Goods gained 1,300 jobs (0.9%)
  - Aerospace Products and Parts gained 1,700 jobs (5.5%)
  - Fabricated Metal gained
     600 jobs (2.6%)
  - Computer and Electronic
     Parts lost 400 jobs (-1.2%)
- Nondurable Goods lost 2,000 jobs (-4.1%)



## Not Seasonally Adjusted

(thousands) 16.0 15.1 14.0 11.8 12.0 10.0 10.0 9.4 9.3 8.9 8.8 8.6 8.6 8.3 8.1 8.0 6.0 4.0 2.0 0.0 Aug-13 Aug-18 Aug-14 Aug-15 Aug-16 Aug-17 Aug-19 Aug-20 Aug-21 Aug-22 Aug-23

Historic 10-Year Average ('13-'22): Pre- Pandemic Average ('10-'19):

9,800 Jobs or 2.3% 9,400 Jobs or 2.4%

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



Arizona Private Education & Health Services

#### Highlights:

**Private Education & Health** Services gained 8,800 jobs (1.8%)

- Private Educational Services ٠ gained 4,800 jobs (7.4%)
- Ambulatory Health Care • Services gained 2,800 jobs (1.4%)
- Hospitals gained 900 jobs ٠ (0.9%)
- Nursing and Residential Care • Facilities gained 400 jobs (0.7%)
- Social Assistance lost 100 jobs (-0.1%)

## 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 19,600 jobs (4.1%)

- Ambulatory Health Care Services gained 12,700 jobs (6.6%)
- Hospitals gained 2,800 jobs (2.8%)
- Private Educational Services gained 2,400 jobs (3.6%)
- Social Assistance gained 1,000 jobs (1.4%)
- Nursing and Residential Care Facilities gained 700 jobs (1.3%)



## Not Seasonally Adjusted

(thousands) 0.2 0.1 0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.0 (0.1) (0.1)-0.1 -0.1 -0.1 -0.1 (0.2)(0.2) -0.2 (0.3) Aug-13 Aug-14 Aug-15 Aug-16 Aug-17 Aug-18 Aug-19 Aug-20 Aug-21 Aug-22 Aug-23 Historic 10-Year Average ('13-'22): 00 Jobs or -0.3% 00 Jobs or -0.2% Pre- Pandemic Average ('10-'19):

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



Arizona Natural Resources & Mining

#### Highlights:

Natural Resources & Mining remained the same (0.0%)

 Metal Ore Mining lost 100 jobs (-0.8%)

## Not Seasonally Adjusted



#### Highlights:

Natural Resources & Mining gained 1,200 jobs (9.2%)

 Metal Ore Mining gained 900 jobs (8.1%)

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



## 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 300 jobs (-0.3%)

## Not Seasonally Adjusted



## Highlight:

Other Services lost 600 jobs (-0.6%)

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



## Not Seasonally Adjusted



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



#### Highlights:

Information lost 200 jobs (-0.4%)

 Telecommunications gained 100 jobs (0.8%)

## Not Seasonally Adjusted



#### Highlights:

#### Information lost 2,500 jobs (-4.8%)

 Telecommunications lost 400 jobs (-3.0%)

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



## **REPORT SUMMARY**

- Month-over-month, Arizona NSA nonfarm employment increased by 49,700 jobs
- Year-over-year, Arizona NSA nonfarm employment increased by 1.8% and U.S. NSA nonfarm employment increased by 2.0%
  - Seven of the 11 major sectors recorded job gains
  - Five of the seven Arizona metro areas gained jobs
- The Arizona SA unemployment rate increased to 3.8% in August 2023
- The Arizona SA labor force increased by 8,321 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

- October 19, 2023: September 2023 Press Release
- November 2, 2023: 2022-2032 Employment Projections Press Release
- November 16, 2023:

October 2023 Press Release





# THANK YOU

