

#### 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
- Main Use: 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 remained unchanged at 3.4% in May 2023 from April 2023
  - This is the lowest rate recorded under the current estimation methodology going back to 1976
- The U.S. SA unemployment rate increased to 3.7% in May 2023 from 3.4% in April 2023
- Arizona NSA total nonfarm employment decreased by 19,100 jobs
- Three of the 11 major sectors recorded job gains
  - The largest job gains were recorded in Other Services (1,100 jobs) and Manufacturing (700 jobs)
  - The largest job losses were recorded in Professional & Business Services (-7,200 jobs) and Government (-4,500 jobs)
- Two of the seven metro areas recorded job gains
- April 2023 NSA total nonfarm employment was revised down to a gain of 12,800 jobs from a gain of 13,800 jobs.



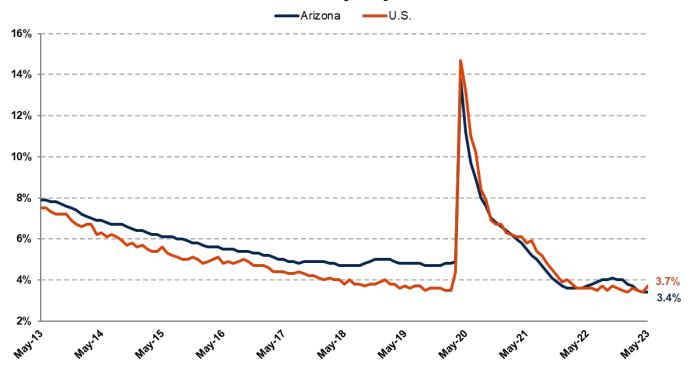
#### YEAR-OVER-YEAR (YoY) HIGHLIGHTS

- Arizona NSA nonfarm employment increased by 48,600 jobs (1.6%)
- Arizona private sector employment increased by 34,900 jobs (1.3%), while government employment increased by 13,700 jobs (3.3%)
- Eight of the eleven major sectors recorded job gains
  - The largest gains were recorded in Private Education and Health Services\* (21,400 jobs) and Government (13,700 jobs)
  - The largest losses occurred in Other Services (-2,800 jobs) and Information (-2,500 jobs)
- Six of the seven Arizona metro areas (MSAs) gained jobs
  - The largest percentage gains were recorded in Flagstaff MSA (2.7%)
  - Losses were recorded in Sierra Vista-Douglas MSA (-0.3%)

<sup>\*</sup>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.



### Arizona & U.S. Unemployment Rate Seasonally Adjusted



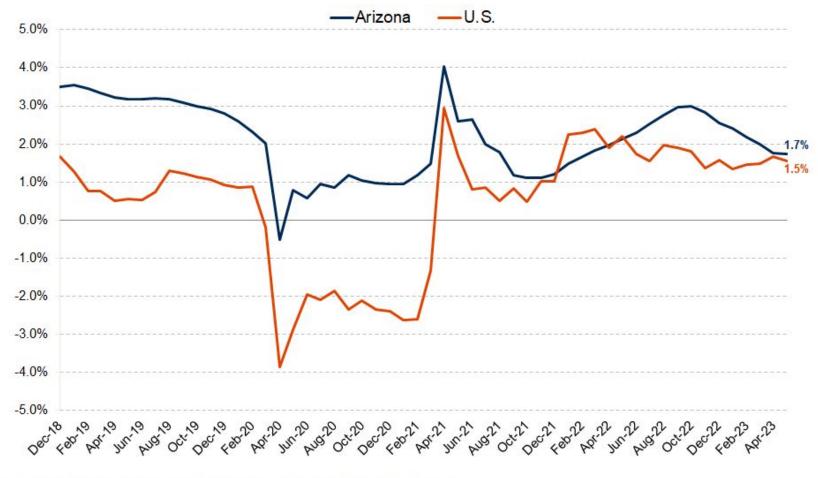
PERIOD	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT	UNEMPLOYMENT RATE
May-23	3,671,470	3,546,028	125,442	3.4%
OTMCHANGE	8,964	9,227	-263	0.0
OTYCHANGE	62,566	69,097	-6,531	-0.3

Note: Seasonally adjusted



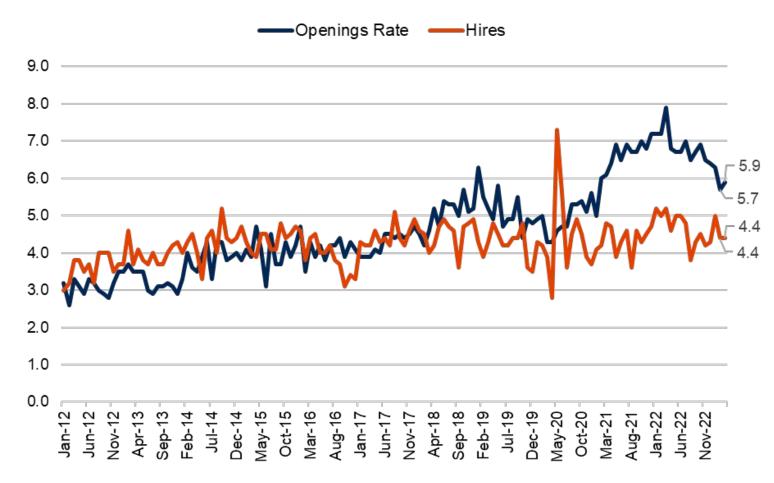
#### ARIZONA & U.S. LABOR FORCE YEAR-OVER-YEAR PERCENTAGE CHANGE

#### Seasonally Adjusted





#### ARIZONA OPENINGS AND HIRES RATES

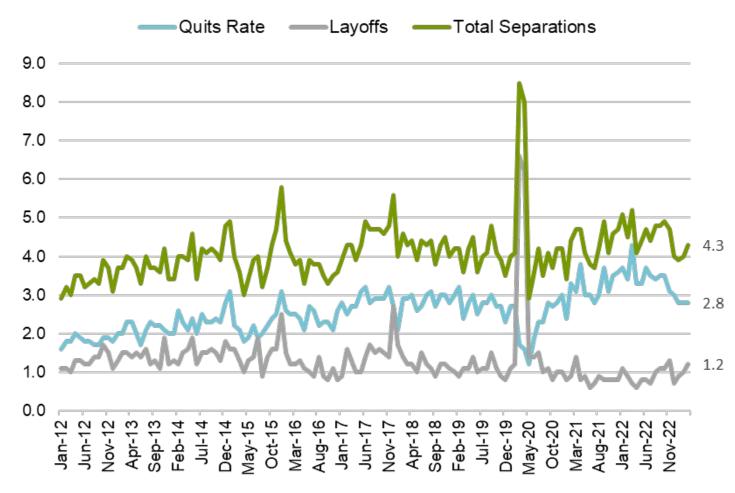


Source: U.S. Bureau of Labor Statistics

- The Arizona openings rate increased to 5.9% in March 2023 from 5.7% in Feb. 2023
- The Arizona hires rate remained at 4.4% in March 2023 from Feb. 2023



## ARIZONA QUITS, LAYOFFS AND TOTAL SEPARATIONS

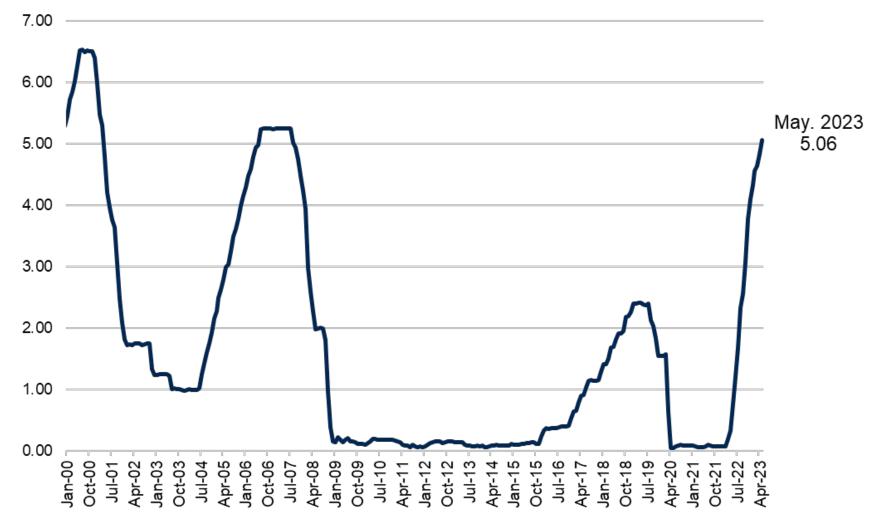


Source: U.S. Bureau of Labor Statistics

- The Arizona quits rate remained at 2.8% in March 2023 from Feb. 2023
- The Arizona layoffs rate increased to 1.2% in March 2023 from 1.0% in Feb. 2023
- The Arizona total separations rate increased to 4.3% in
   March 2023 from 4.0 in Feb.
   2023



#### FEDERAL FUNDS EFFECTIVE RATE



Source: Board of Governors of the Federal Reserve System

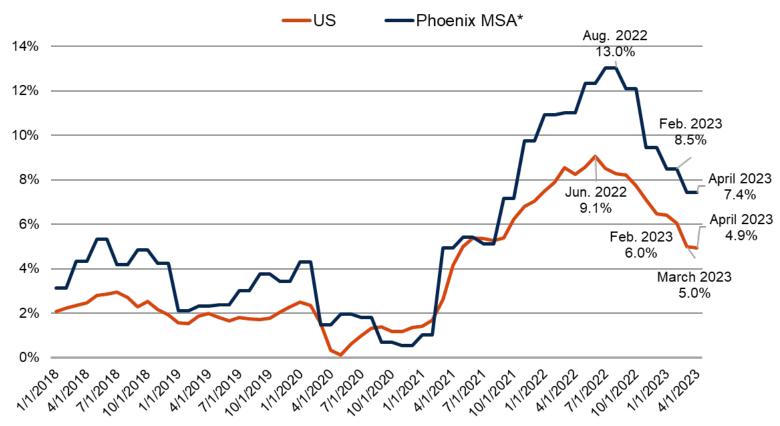
#### Notable Change:

- The federal funds effective rate increased to 5.06 in May 2023 from 4.83 in April 2023
- On June 14th, 2023, the Federal Reserve announced it would leave the federal funds effective rate unchanged



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

#### Not Seasonally Adjusted



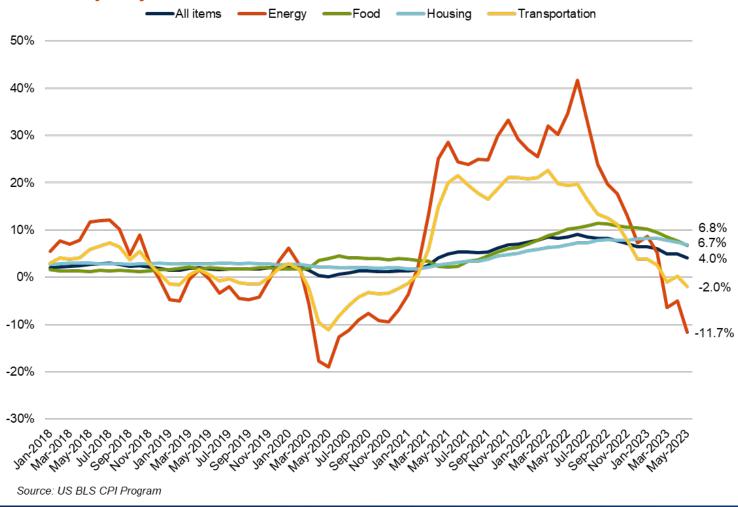
\*Phoenix MSA estimates are released every other month Source: US BLS CPI Program

- US CPI increased 4.9% year-over-year (YoY) in April 2023
  - Housing prices rose 7.5%
  - Energy prices fell 5.1%
  - Food prices rose 7.7%
  - Transportation prices rose 0.2%
- Phoenix MSA CPI increased 7.4%
   YoY in April 2023
  - Housing prices rose 12.2%
  - Energy prices rose 2.9%
  - Food prices rose 6.8%
  - Transportation prices rose
     2.7%



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

#### Not Seasonally Adjusted

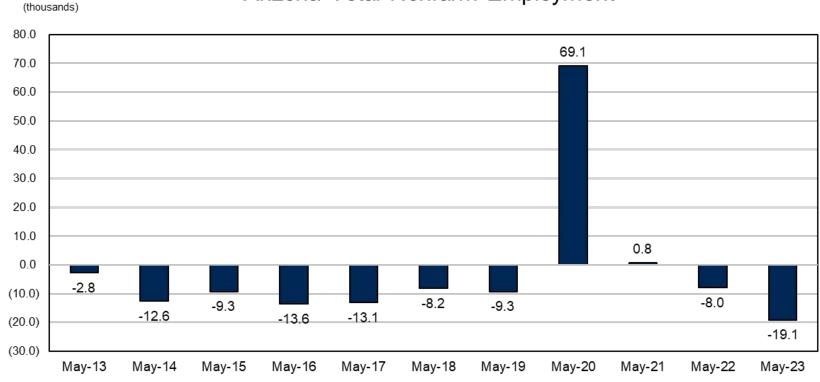


- US CPI increased 4.0%
   year-over-year (YoY) in May 2023
  - Housing prices rose 6.8%
  - Energy prices fell 11.7%
  - Food prices rose 6.7%
  - Transportation prices fell2.0%



#### Not Seasonally Adjusted





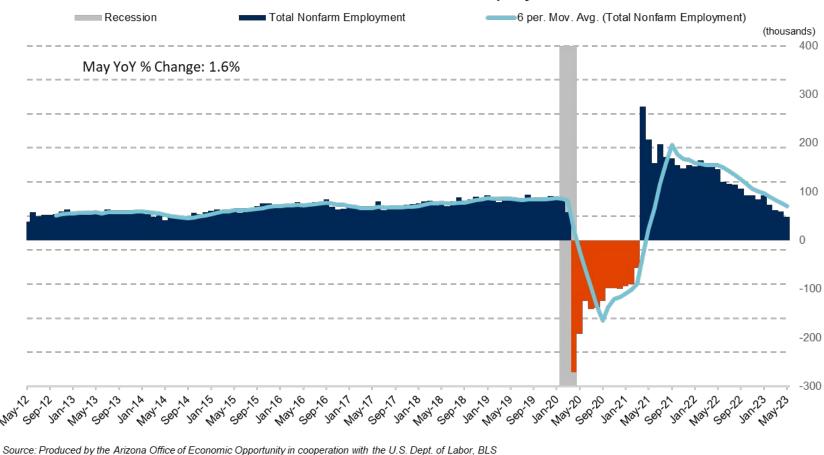
Historic 10-Year Average ('13-'22): -700 Jobs or 0%

Pre- Pandemic Average ('10-'19): -6,700 Jobs or -0.2%



#### Not Seasonally Adjusted

#### Arizona Total Nonfarm Employment



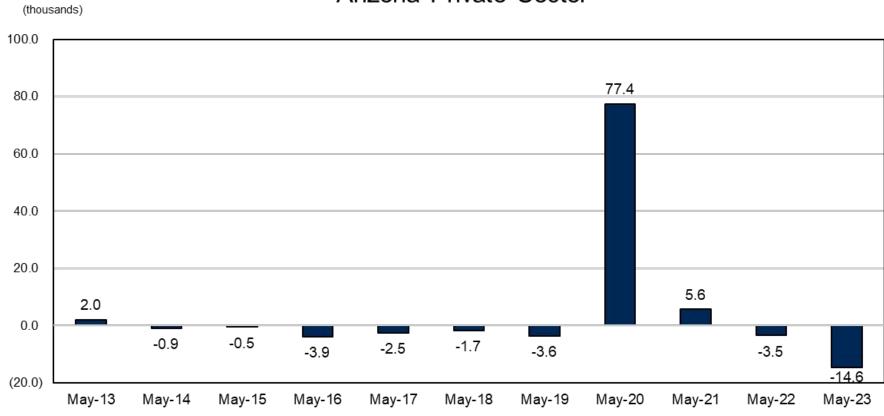
Highlight:

 Total Nonfarm Employment gained 48,600 jobs (1.6%)



#### Not Seasonally Adjusted

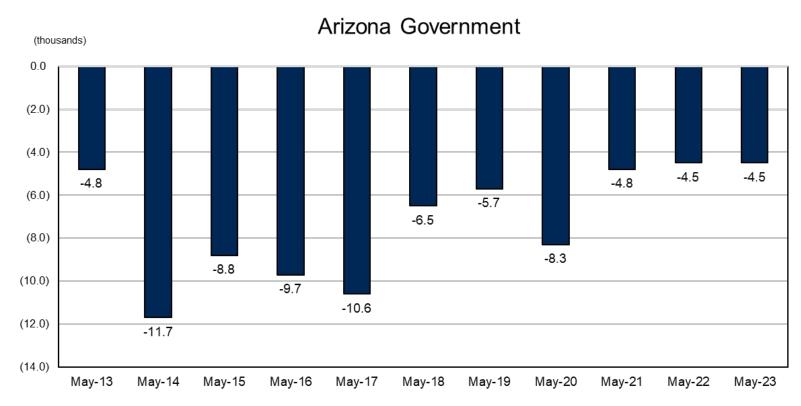




Historic 10-Year Average ('13-'22): Pre- Pandemic Average ('10-'19): 6,800 Jobs or 0.3% -900 Jobs or 0%



#### Not Seasonally Adjusted



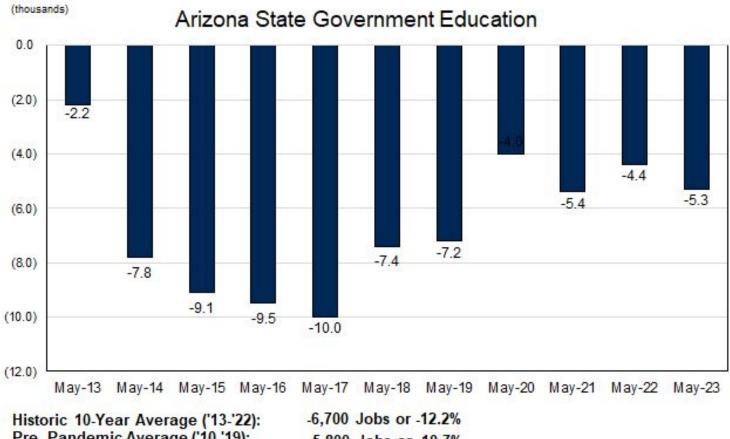
Historic 10-Year Average ('13-'22): -7,500 Jobs or -1.8% Pre- Pandemic Average ('10-'19): -5,700 Jobs or -1.4%

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

- Federal Government gained 400 jobs (0.7%)
- Local Government gained 200 jobs (0.1%)
- State Government lost 5,100 jobs (-5.2%)



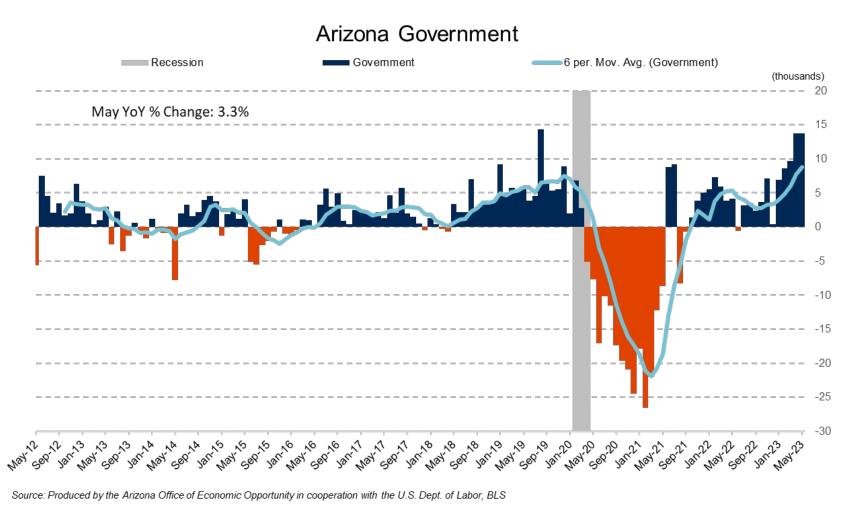
#### Not Seasonally Adjusted



Pre- Pandemic Average ('10-'19): -5,800 Jobs or -10.7%



#### Not Seasonally Adjusted

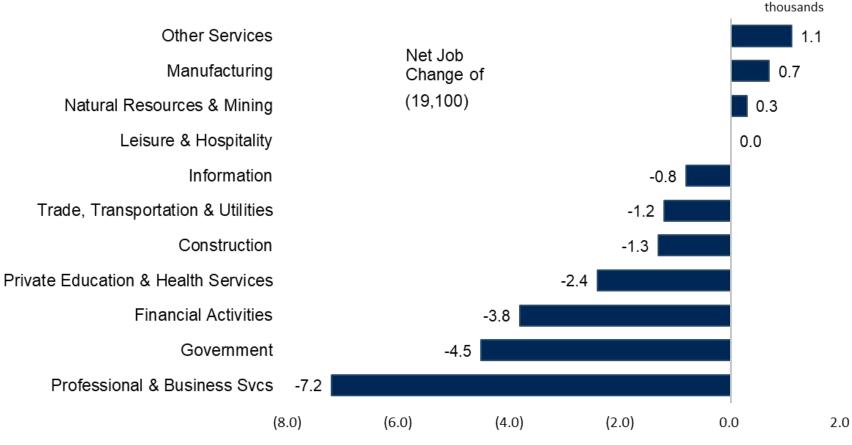


- Local Government gained 7,500 jobs (2.8%)
- State Government gained 4,300 jobs (4.8%)
- Federal Government gained 1,900 jobs (3.3%)



#### Not Seasonally Adjusted

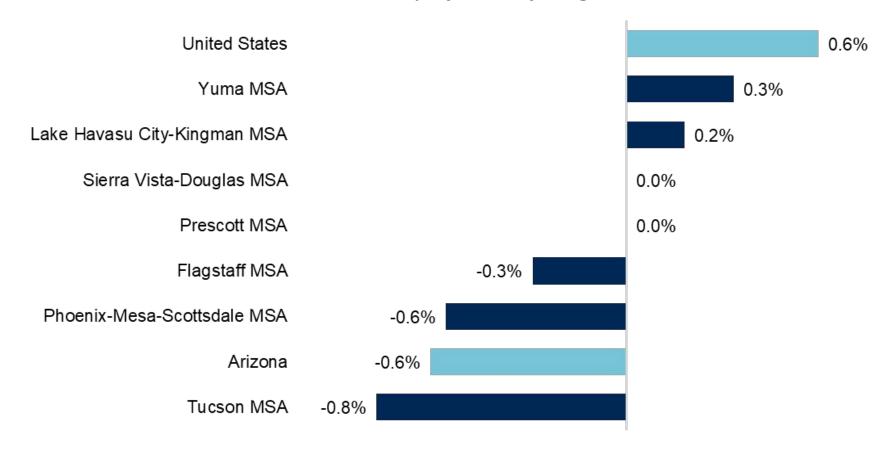
#### Arizona NSA Month-Over-Month Employment Gain/Loss by Sector





#### Not Seasonally Adjusted

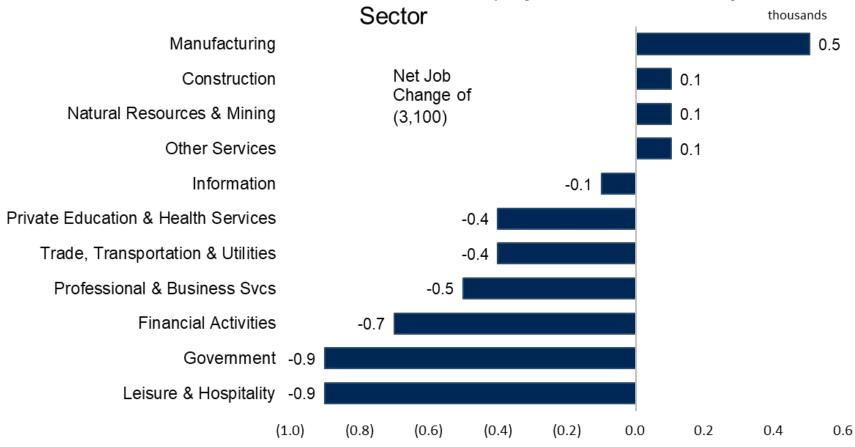
#### Total Nonfarm Employment by Region





#### Not Seasonally Adjusted

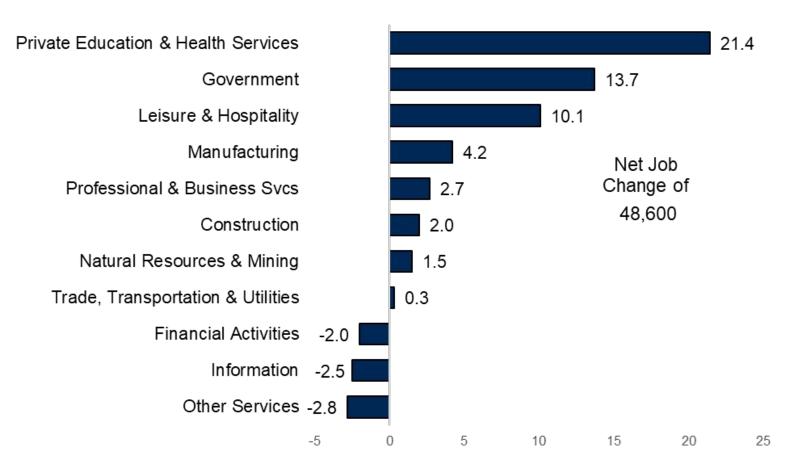






Not Seasonally Adjusted

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

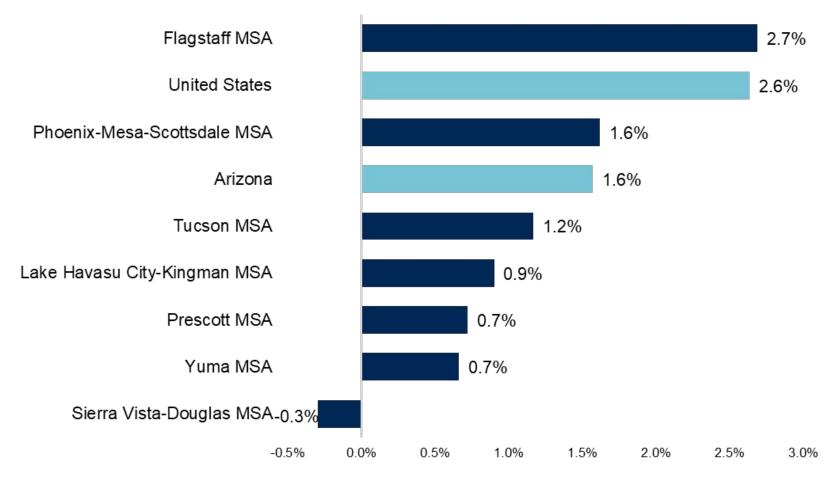




Not Seasonally Adjusted

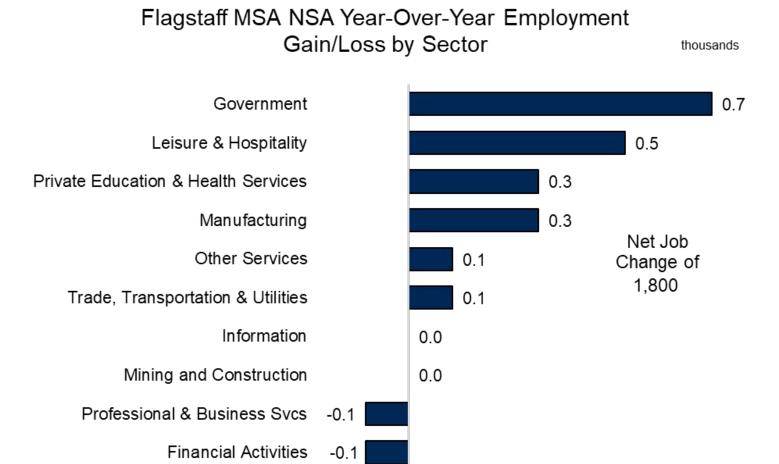
#### Total Nonfarm Employment by Region

Over-the-Year Percent Gain/Loss





Not Seasonally Adjusted



0.2

0.4

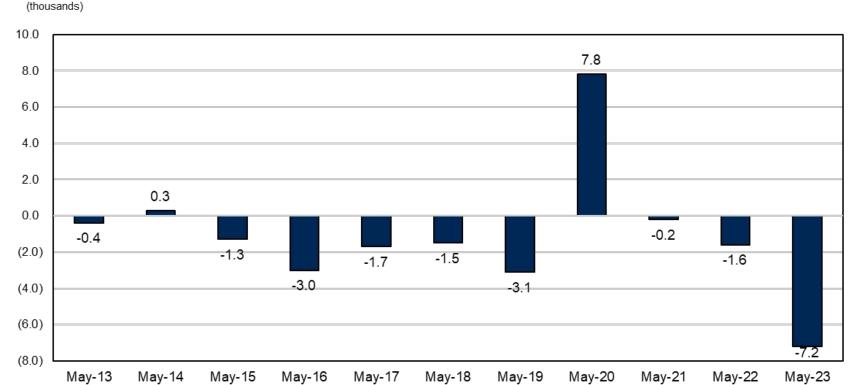
0.5

0.8



#### Not Seasonally Adjusted





Historic 10-Year Average ('13-'22): -500 Jobs or -0.1% Pre- Pandemic Average ('10-'19): -1,700 Jobs or -0.4%

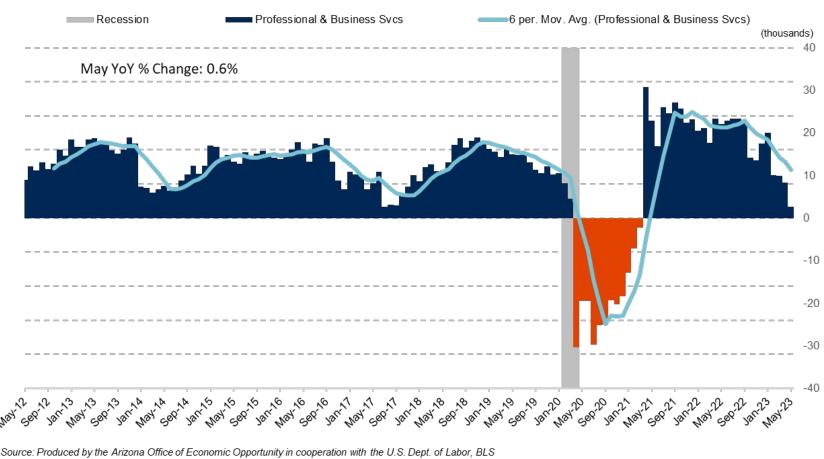
Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS

- Professional & Business Services lost 7,200 jobs (-1.5%)
- Management of Companies and Enterprises gained 500 jobs (1.1%)
- Employment Services lost 5,300 jobs (-4.6%)
- Professional, Scientific and Technical Services lost 3,200 jobs (-1.7%)
  - Losses occurred within Tax
     Preparation, IT, and Research,
     among others
- Business Support Services lost 500 jobs (-2.0%)



#### Not Seasonally Adjusted

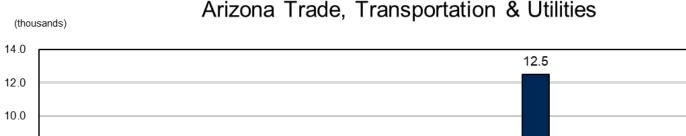
#### Arizona Professional & Business Svcs

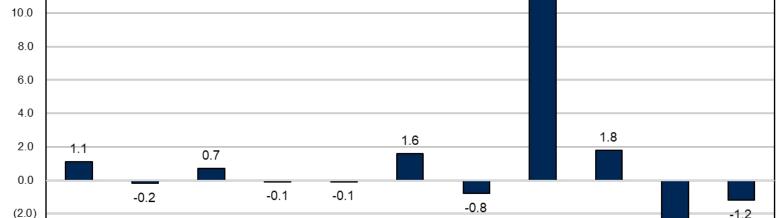


- Professional & Business
   Services gained 2,700 jobs
   (0.6%)
- Professional, Scientific and Technical Services gained 5,000 jobs (2.8%)
- Management of Companies and Enterprises gained 2,800 jobs (6.8%)
- Business Support Services lost 5,600 jobs (-18.2%)
- Employment Services lost 3,000 jobs (-2.6%)
- Services To Buildings and Dwellings lost 1,700 jobs (-3.6%)



#### Not Seasonally Adjusted





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

May-15

May-14

1,400 Jobs or 0.3% 300 Jobs or 0.1%

May-18

May-19

May-20

May-21

May-17

-2.3

May-22

May-23

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

May-16

#### Highlights:

- Trade, Transportation & Utilities lost 1,200 jobs (-0.2%)
- Wholesale Trade gained 1,300 jobs (1.1%)
- Retail Trade gained 500 jobs (0.1%)
- Transportation and Warehousing lost 2,900 jobs (-2.2%)

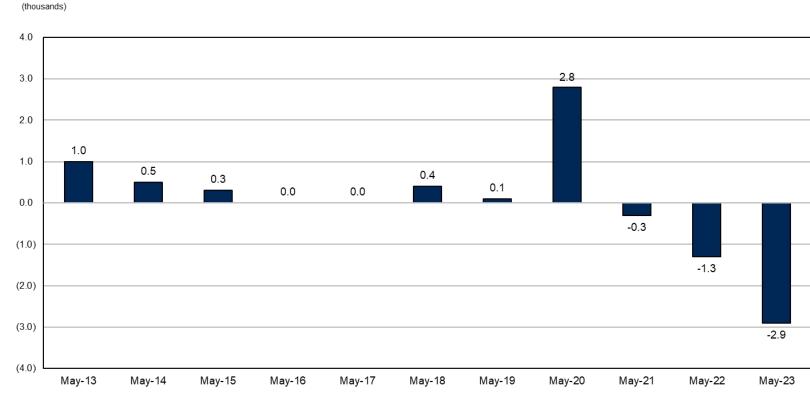


May-13

(4.0)

#### Not Seasonally Adjusted





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

400 Jobs or 0.4% 300 Jobs or 0.4%

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

- Transportation and Warehousing lost 2,900 jobs (-2.2%)
- Losses recorded in Couriers, Freight Transportation and General Warehousing and Storage



#### Not Seasonally Adjusted

#### Arizona Trade, Transportation & Utilities

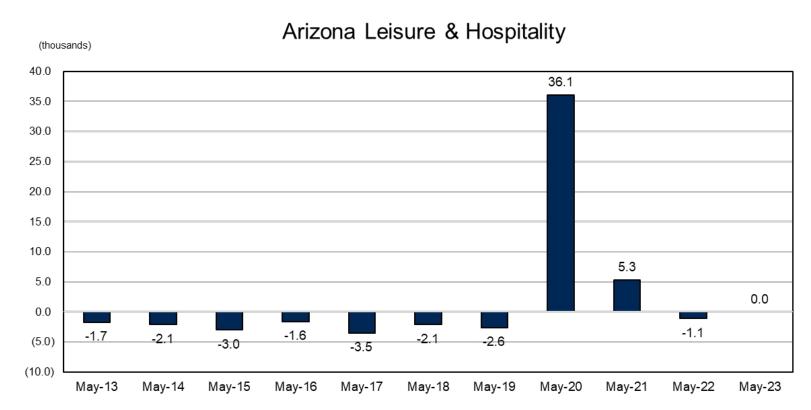


Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS

- Trade, Transportation & Utilities gained 300 jobs (0.1%)
- Wholesale Trade gained 7,700 jobs (7.1%)
- Retail Trade lost 4,300 jobs (-1.3%)
- Retail Trade lost 4,300 jobs (-1.3%)
- Transportation and Warehousing lost 3,300 jobs (-2.5%)



#### Not Seasonally Adjusted



Historic 10-Year Average ('13-'22): 2,400 Jobs or 1.4% Pre- Pandemic Average ('10-'19): -2,000 Jobs or -0.7%

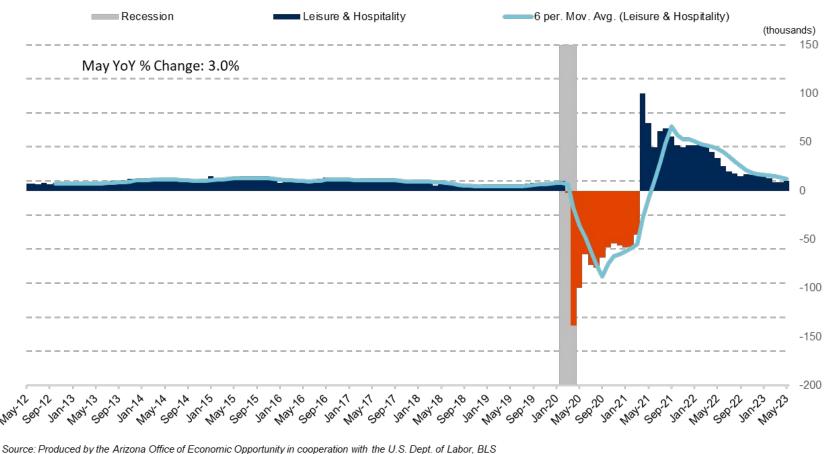
Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS

- Leisure & Hospitality remained the same (0.0%)
- Accommodations gained 200 jobs (0.5%)
- Food Services and Drinking
   Places gained 200 jobs (0.1%)
- Arts, Entertainment and Recreation lost 400 jobs (-0.9%)



#### Not Seasonally Adjusted

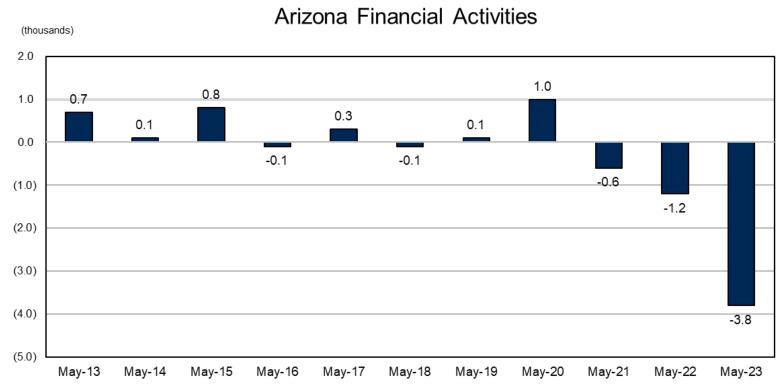




- Leisure & Hospitality gained 10,100 jobs (3.0%)
- Food Services and Drinking Places gained 8,100 jobs (3.2%)
- Accommodations gained 2,600 jobs (6.3%)
- Arts, Entertainment and Recreation lost 600 jobs (-1.3%)



#### Not Seasonally Adjusted



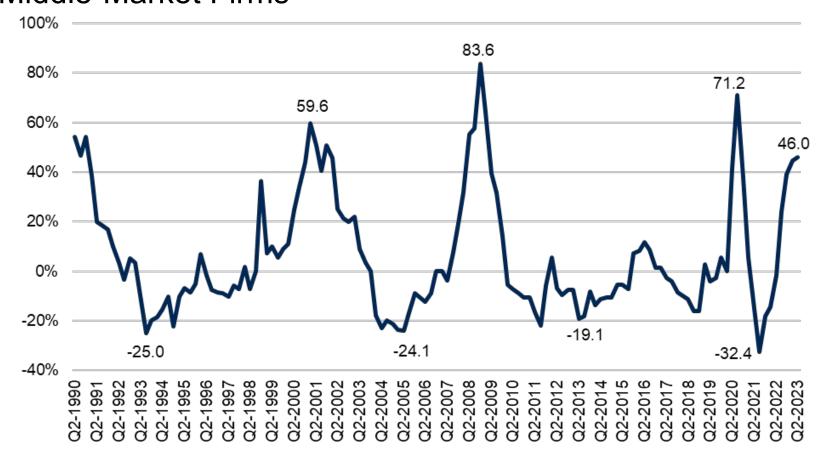
Historic 10-Year Average ('13-'22): 100 Jobs or 0.1% Pre- Pandemic Average ('10-'19): 200 Jobs or 0.1%

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

- Financial Activities lost 3,800 jobs (-1.5%)
- Credit Intermediaries, Monetary Authorities lost 1,900 jobs (-2.1%)
  - Losses reported in Credit
     Unions, Mortgage and
     Nonmortgage Loan Brokers,
     Commercial Banking
- Real Estate and Rental and Leasing lost 1,200 jobs (-1.9%)
  - Losses reported in Residential Property Managers
- Insurance Carriers lost 500 jobs (-0.7%)
- Financial Investments and Vehicles lost 200 jobs (-0.9%)



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



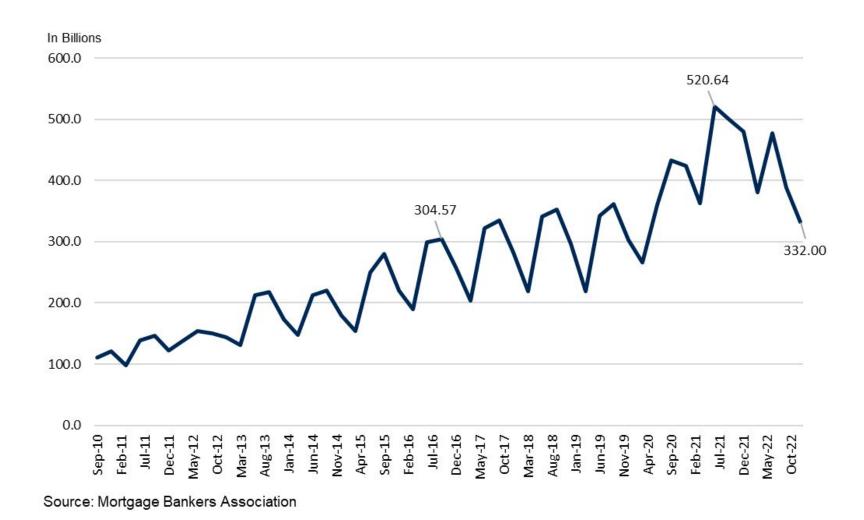
\*Defined as firms with annual sales of \$50 million or more Source: Board of Governors of the Federal Reserve System

#### Highlights:

In Q2 2023, 46.0% of domestic banks tightened lending standards, up from 44.8% of banks in Q1 2023



#### U.S. Mortgage Originations, Purchases

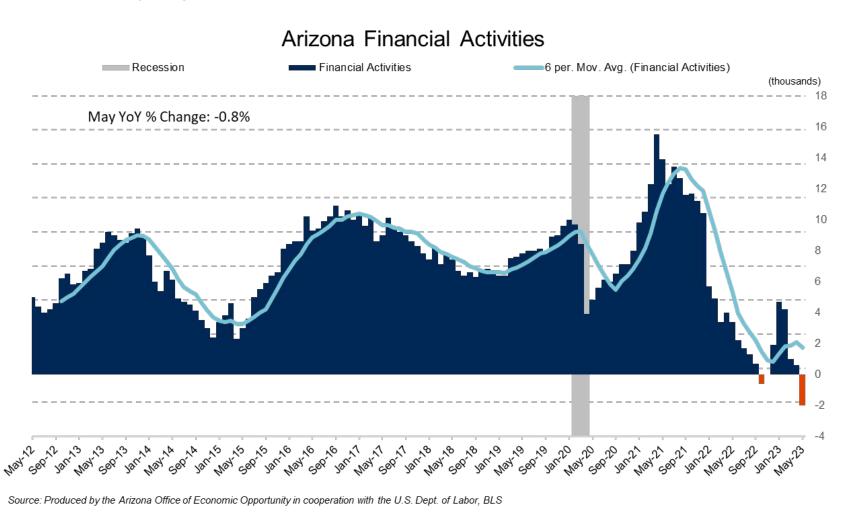


#### **Notable Changes:**

2022 Q4 Mortgage
Purchases totaled \$332B,
down from \$388B in 2022
Q3 (-14%) and down from
\$480B in 2021 Q4 (-31%)



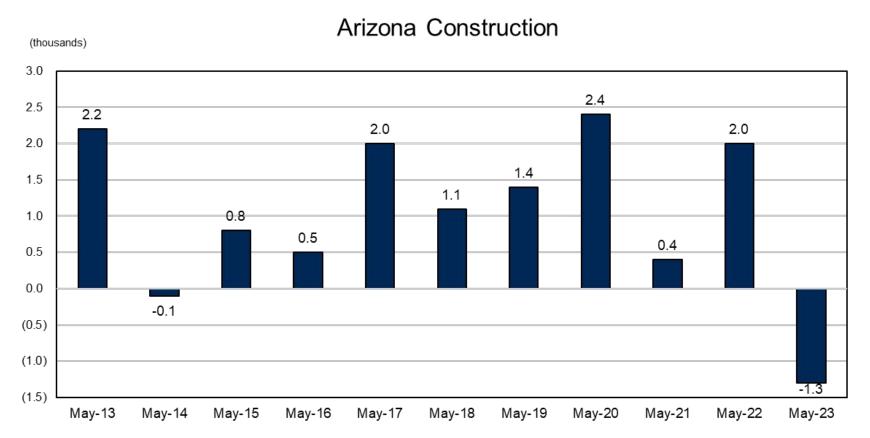
#### Not Seasonally Adjusted



- Financial Activities lost 2,000 jobs (-0.8%)
- Real Estate and Rental and Leasing gained 2,000 jobs (3.4%)
- Financial Investments and Vehicles gained 1,100 jobs (5.3%)
- Insurance Carriers gained 700 jobs (1.0%)
- Credit Intermediaries, Monetary Authorities lost 5,800 jobs (-6.1%)



#### Not Seasonally Adjusted



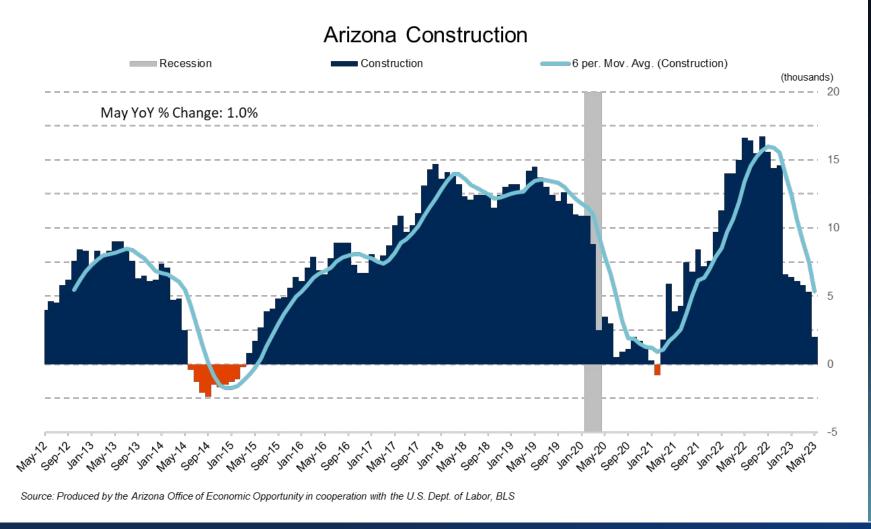
Historic 10-Year Average ('13-'22): 1,300 Jobs or 0.8% Pre- Pandemic Average ('10-'19): 1,000 Jobs or 0.8%

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

- Construction lost 1,300 jobs (-0.7%)
- Construction of Buildings lost 800 jobs (-1.9%)
  - Losses reported in Commercial and Institutional Building Construction
- Specialty Trades Construction Contractors lost 400 jobs (-0.3%)
  - Losses reported in Residential and Non-Residential Contractors
- Heavy and Civil Engineering Construction lost 100 jobs (-0.4%)



#### Not Seasonally Adjusted

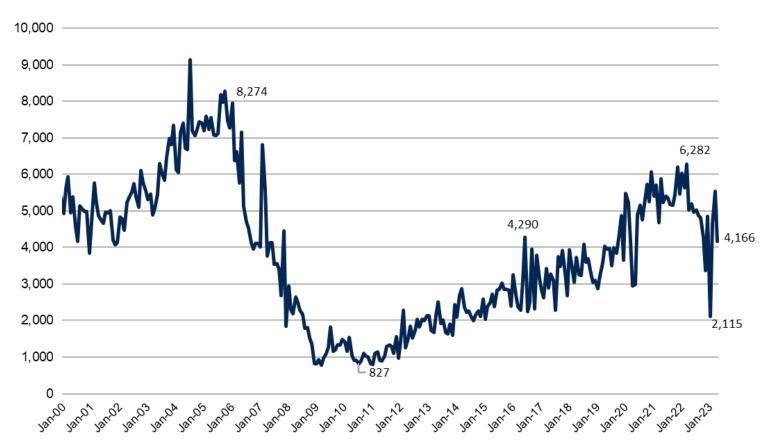


- Construction gained 2,000 jobs (1.0%)
- Construction of Buildings gained 1,200 jobs (2.9%)
- Specialty Trades Construction Contractors gained 500 jobs (0.4%)
- Heavy and Civil Engineering Construction gained 300 jobs (1.4%)



# ARIZONA NEW PRIVATE HOUSING UNITS AUTHORIZED BY BUILDING PERMITS

#### Seasonally Adjusted



Source: U.S. Census Bureau

- Building permits decreased by 24.7% in April 2023 from March 2023
- 4,166 building permits were authorized in April 2023, a decrease of 859 permits (-17.1%) from April 2022



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

#### Seasonally Adjusted



- Building permits decreased by 1.4% in April 2023 from March 2023
- 1,417,000 building permits were authorized in April 2023, a decrease of 378,000 permits (-21.1%) from April 2022



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

#### Not Seasonally Adjusted



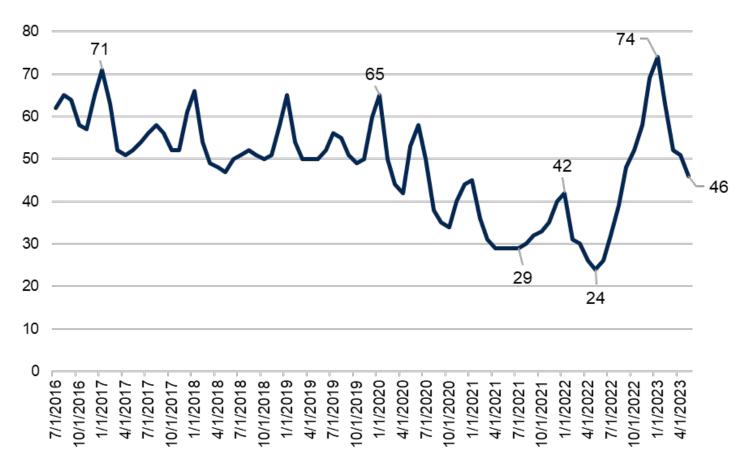
Source: Freddie Mac

- The mortgage rate increased by 0.36 percentage points MoM (5.7%) to 6.71% on 06/08/2023 from 6.35% on 05/11/2023
- The mortgage rate increased by 1.48 percentage points YoY (28.3%) from 5.23 on 06/09/22



# HOUSING INVENTORY: MEDIAN DAYS ON MARKET IN ARIZONA

#### Not Seasonally Adjusted



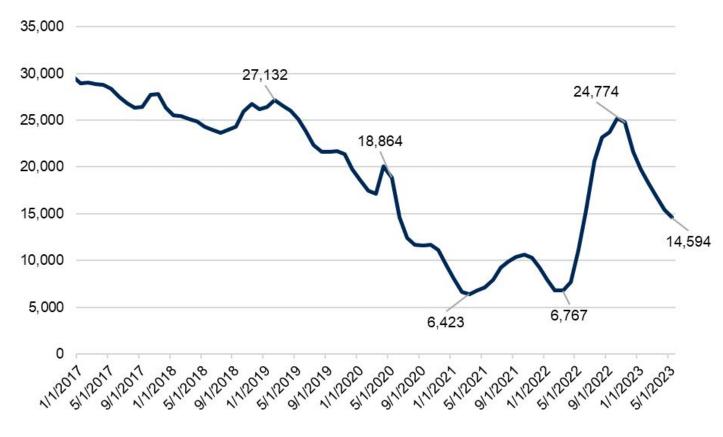
Source: Realtor.com

- The median days property listings were active decreased to 46 days in May 2023 from 51 days in April 2023
- Year-over-year, the median days property listings were active increased by 22 days or 92%



# HOUSING INVENTORY: ACTIVE LISTING COUNT IN ARIZONA

#### Not Seasonally Adjusted



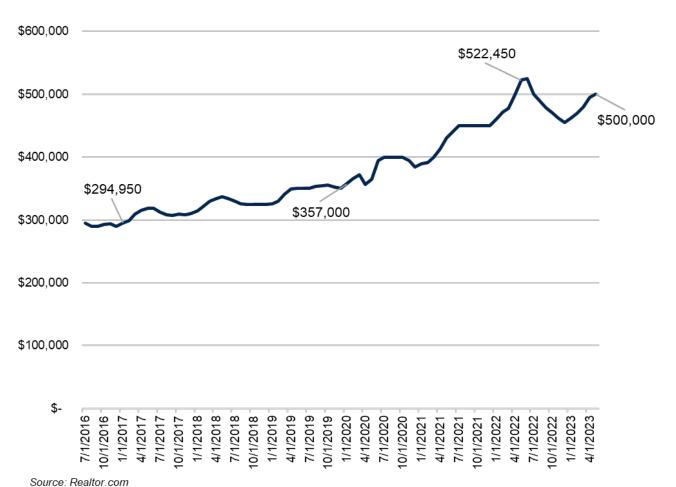
Source: Realtor.com

- The count of active home listings decreased by 855 (-5.5%) in May 2023 from April 2023
- Active home listings were up 3,457 (31.0%) in May 2023 from May 2022



# HOUSING INVENTORY: MEDIAN LISTING PRICE IN ARIZONA

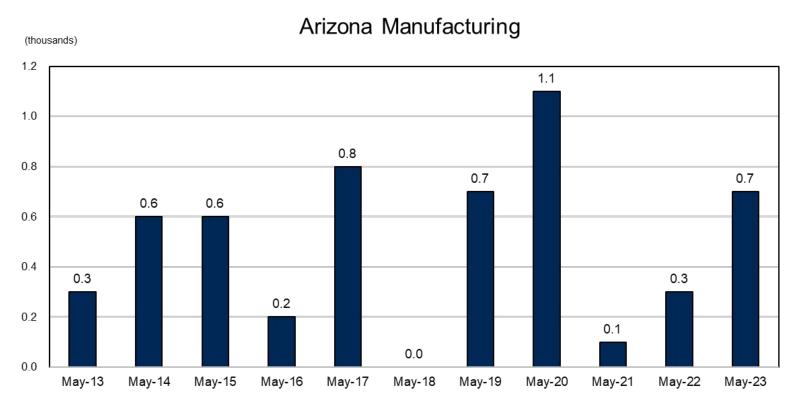
U.S. Dollars, Monthly, Not Seasonally Adjusted



- The median listing price increased to \$500,000 in May 2023 from \$495,000 in April 2023
- The median listing price decreased 4.3% YoY in May 2023



#### Not Seasonally Adjusted



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

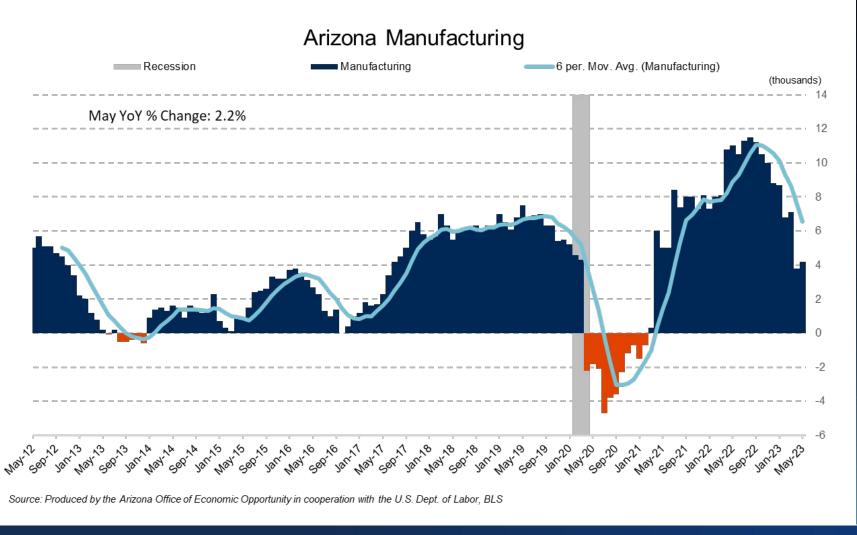
500 Jobs or 0.3% 600 Jobs or 0.4%

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

- Manufacturing gained 700 jobs (0.4%)
- Durable Goods gained 800 jobs (0.5%)
  - Fabricated Metal remained the same (0.0%)
  - Computer and Electronic Parts remained the same (0.0%)
  - Aerospace Products and Parts gained 200 jobs (0.6%)
- Nondurable Goods lost 100 jobs (-0.2%)



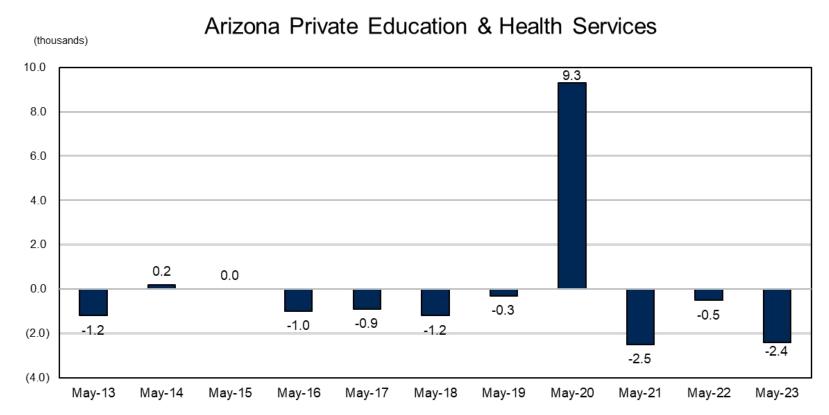
#### Not Seasonally Adjusted



- Manufacturing gained 4,200 jobs (2.2%)
- Durable Goods gained 4,300 jobs (3.0%)
  - Aerospace Products and Parts gained 1,200 jobs (4.0%)
  - Fabricated Metal gained 400 jobs (1.8%)
  - Computer and Electronic Parts gained 200 jobs (0.6%)
- Nondurable Goods lost 100 jobs (-0.2%)



#### Not Seasonally Adjusted



Historic 10-Year Average ('13-'22): 200 Jobs or 0% Pre- Pandemic Average ('10-'19): 00 Jobs or 0%

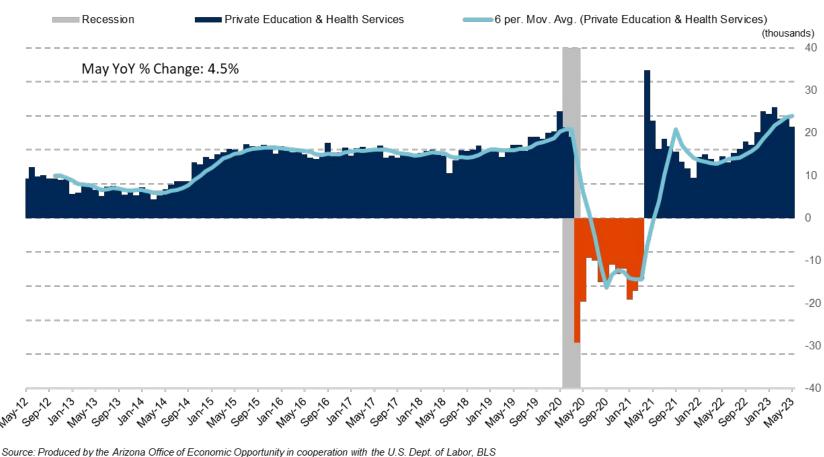
Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS

- Ambulatory Health Care Services gained 900 jobs (0.4%)
- Private Educational Services lost 2,100 jobs (-2.8%)
- Social Assistance lost 1,000 jobs (-1.4%)
  - Losses reported in Vocational Rehabilitation Services, Services for the Elderly and Persons with Disabilities, and Child and Youth Services
- Hospitals lost 100 jobs (-0.1%)



#### Not Seasonally Adjusted

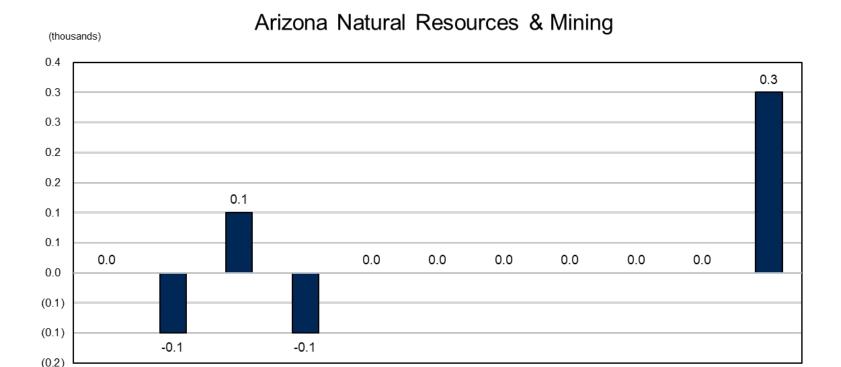




- Private Education & Health Services gained 21,400 jobs (4.5%)
- Ambulatory Health Care Services gained 11,600 jobs (6.1%)
- Private Educational Services gained 6,300 jobs (9.3%)
- Social Assistance gained 1,600 jobs (2.4%)
- Hospitals gained 1,600 jobs (1.6%)



#### Not Seasonally Adjusted



May-18

May-19

May-20

May-21

May-22

May-23

Historic 10-Year Average ('13-'22): 00 Jobs or -0.1% Pre- Pandemic Average ('10-'19): 00 Jobs or 0.3%

May-15

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

May-16

May-17

#### Highlights:

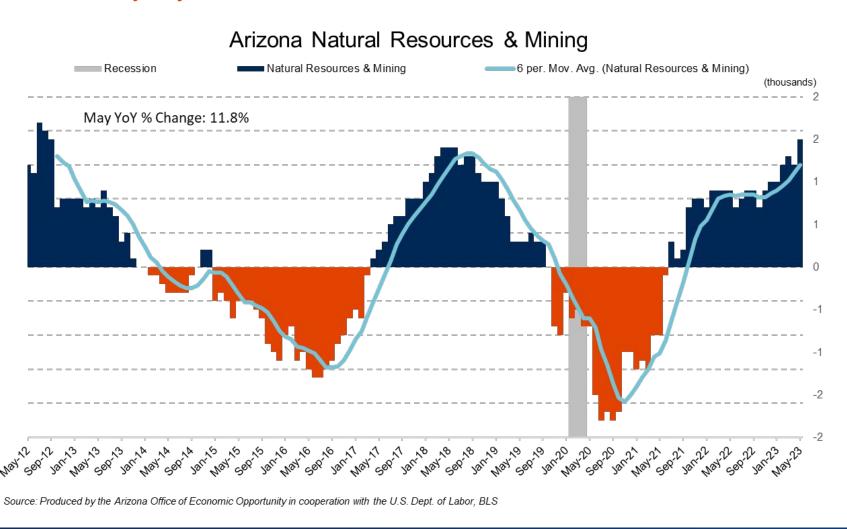
- Natural Resources & Mining gained 300 jobs (2.2%)
- Metal Ore Mining gained 100 jobs (0.8%)



May-13

May-14

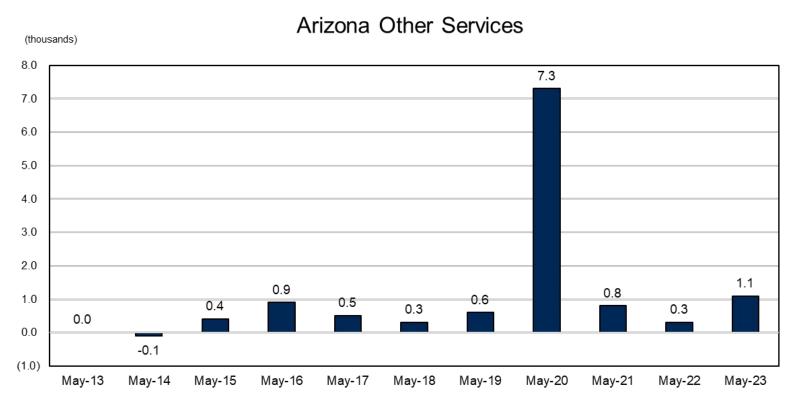
#### Not Seasonally Adjusted



- Natural Resources & Mining gained 1,500 jobs (11.8%)
- Metal Ore Mining gained 1,000 jobs (9.2%)



#### Not Seasonally Adjusted



Historic 10-Year Average ('13-'22): Pre- Pandemic Average ('10-'19): 1,100 Jobs or 1.6% 400 Jobs or 0.4%

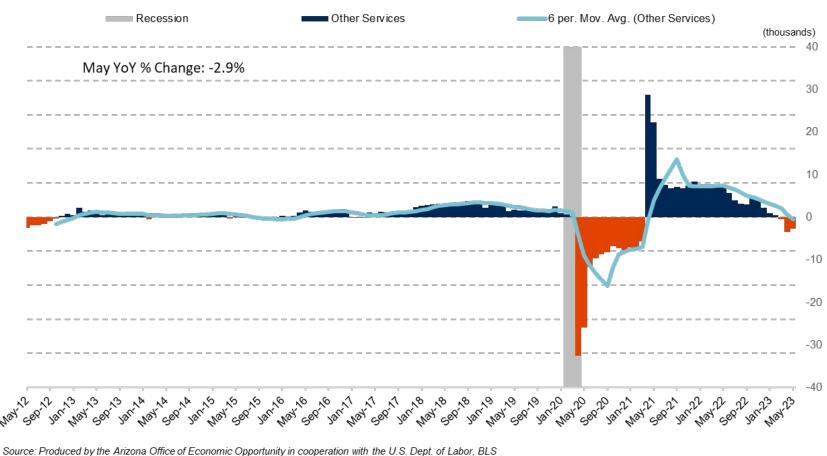
Source: Produced by the Arizona Office of Economic Opportunity in cooperation with the U.S. Dept. of Labor, BLS

- Other Services gained 1,100 jobs (1.2%)
  - Job gains occurred within
     Advocacy Orgs., Beauty and
     Hair Salons, Car Washes and
     Auto Repair, among others



#### Not Seasonally Adjusted



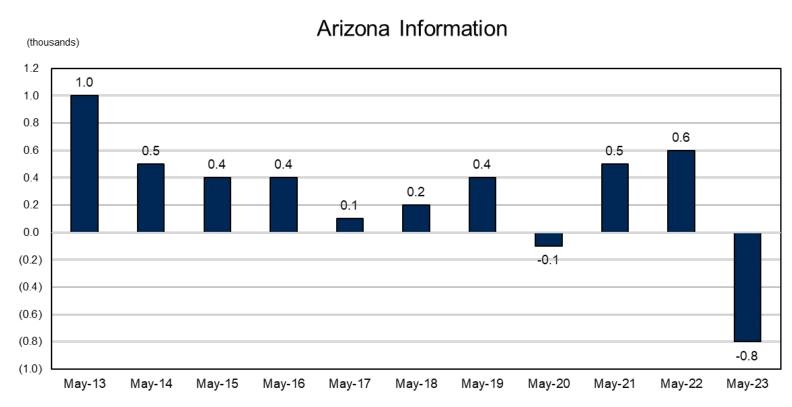


#### Highlight:

 Other Services lost 2,800 jobs (-2.9%)



#### Not Seasonally Adjusted



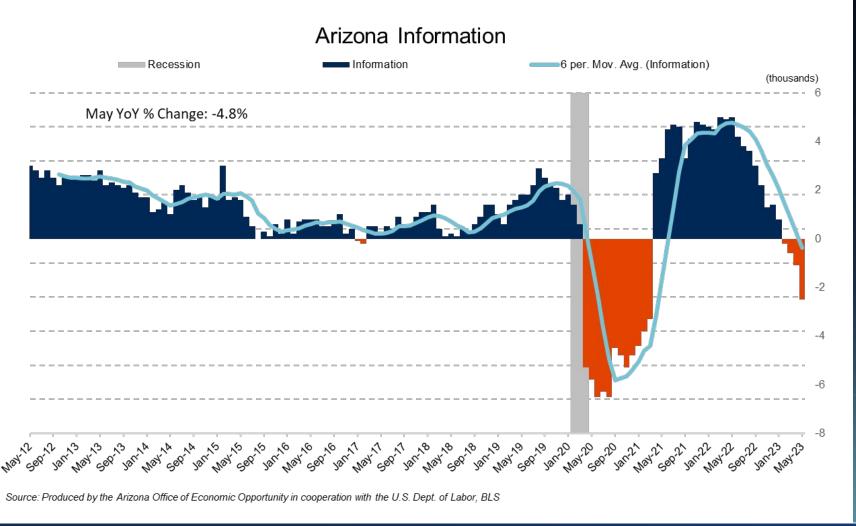
Historic 10-Year Average ('13-'22): 400 Jobs or 0.9% Pre- Pandemic Average ('10-'19): 400 Jobs or 0.8%

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

- Information lost 800 jobs
  - Job losses occurred within
     Data Processing, Web Hosting
     and Software Publishing
     industries, among others



#### Not Seasonally Adjusted



- Information lost 2,500 jobs (-4.8%)
- Telecommunications lost 500 jobs (-3.8%)



#### REPORT SUMMARY

- Month-over-month, Arizona NSA nonfarm employment decreased by 19,100 jobs
- Year-over-year, Arizona NSA nonfarm employment increased by 1.6% and U.S. NSA nonfarm employment increased by 2.6%
  - o Eight of the eleven major sectors recorded job gains
  - o Six of the seven Arizona metro areas gained jobs
- The Arizona SA unemployment rate remained at 3.4% in May 2023
- The Arizona SA labor force increased by 8,964 individuals month-over-month





# EMPLOYMENT AND UNEMPLOYMENT STATE RANKINGS



#### 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)

	Ar	izona	Industry	Area Name =	Rank	% Change
Industry	Rank	% Change	Total Nonfarm	Texas	1	5.696
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	5.096
Service-Providing Industries	23	3.1%		Nevada	5	4.896
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**

• July 20, 2023:

June 2023 Press Release

• August 17, 2023:

July 2023 Press Release



# THANK YOU



