AOHC Conference: September 14, 2023

Meeting Ohio's Workforce Needs in the 21st Century

Nichole M Fifer, PhD – Director

Center for Regional Development, Bowling Green State University

Center for Regional Development (CRD)

Economic Development, Community Development, Community Health

- Data Analytics
- Community Health Assessments
- Program Evaluation
- Community and Organizational Strategic Planning
- Community Health Improvement Planning
- Community Engagement/ Applied Research
- Data Tool Development (asset mapping/ data dashboards)
- Bridge to BGSU Faculty, Students, & Resources

ANALYZE.
STRATEGIZE.
CAPACITY BUILD.

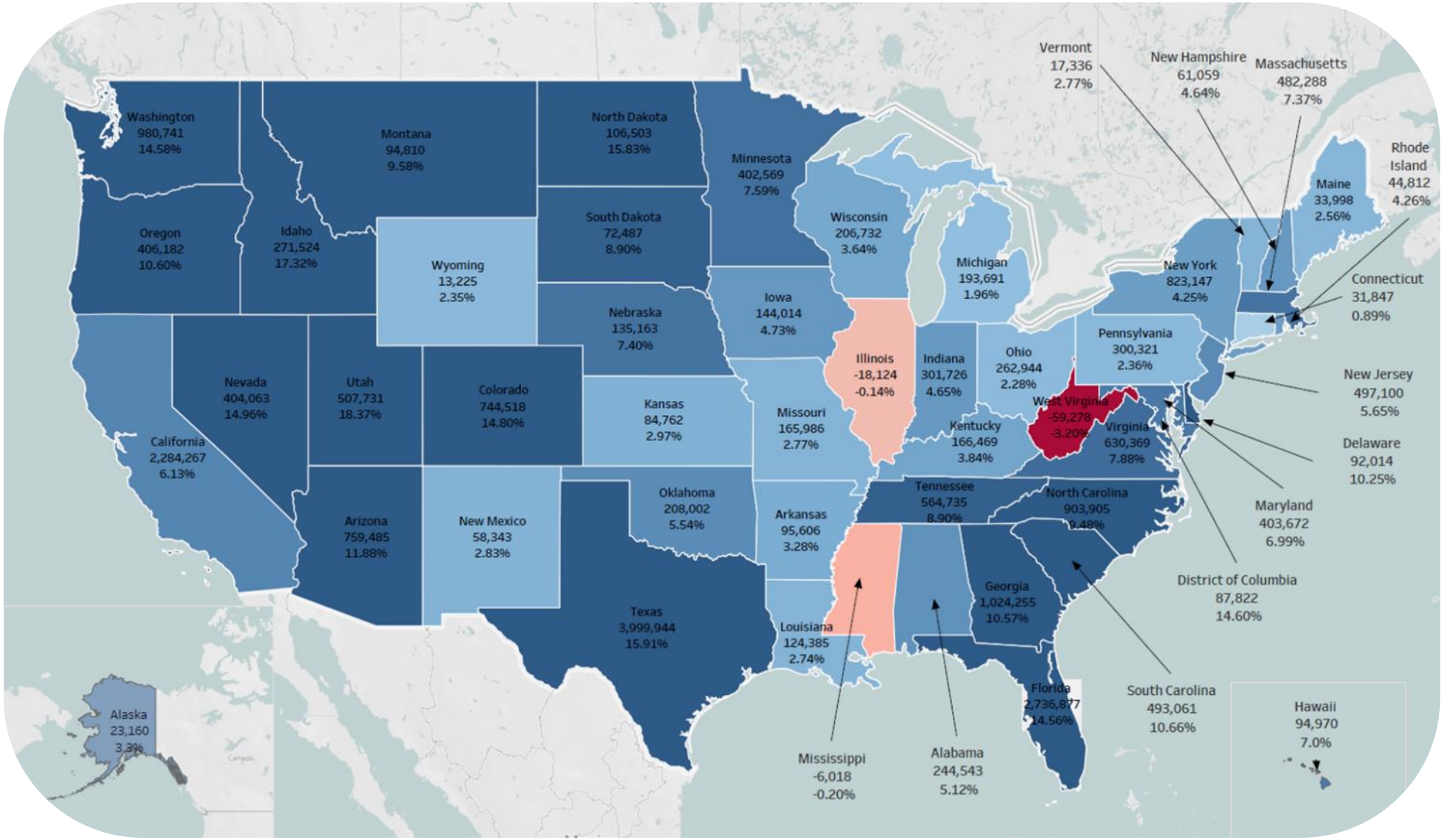
BGSU

Overview of the Data in Today's Presentation

- The information in today's presentation comes from the following publicly available sources:
  - Bureau of Labor Statistics (BLS)
  - U.S. Census and American Community Survey (ACS)
  - Bureau of Economic Analysis (BEA)
  - Federal Reserve Banks of St. Louis and Atlanta
  - Ohio Labor Market Information (LMI)
- Additionally, the presentation contains information that comes from CRD's subscription to the following data providers:

Population, Economy & Workforce Indicators

Estimated Population Change by State (2010-2020)

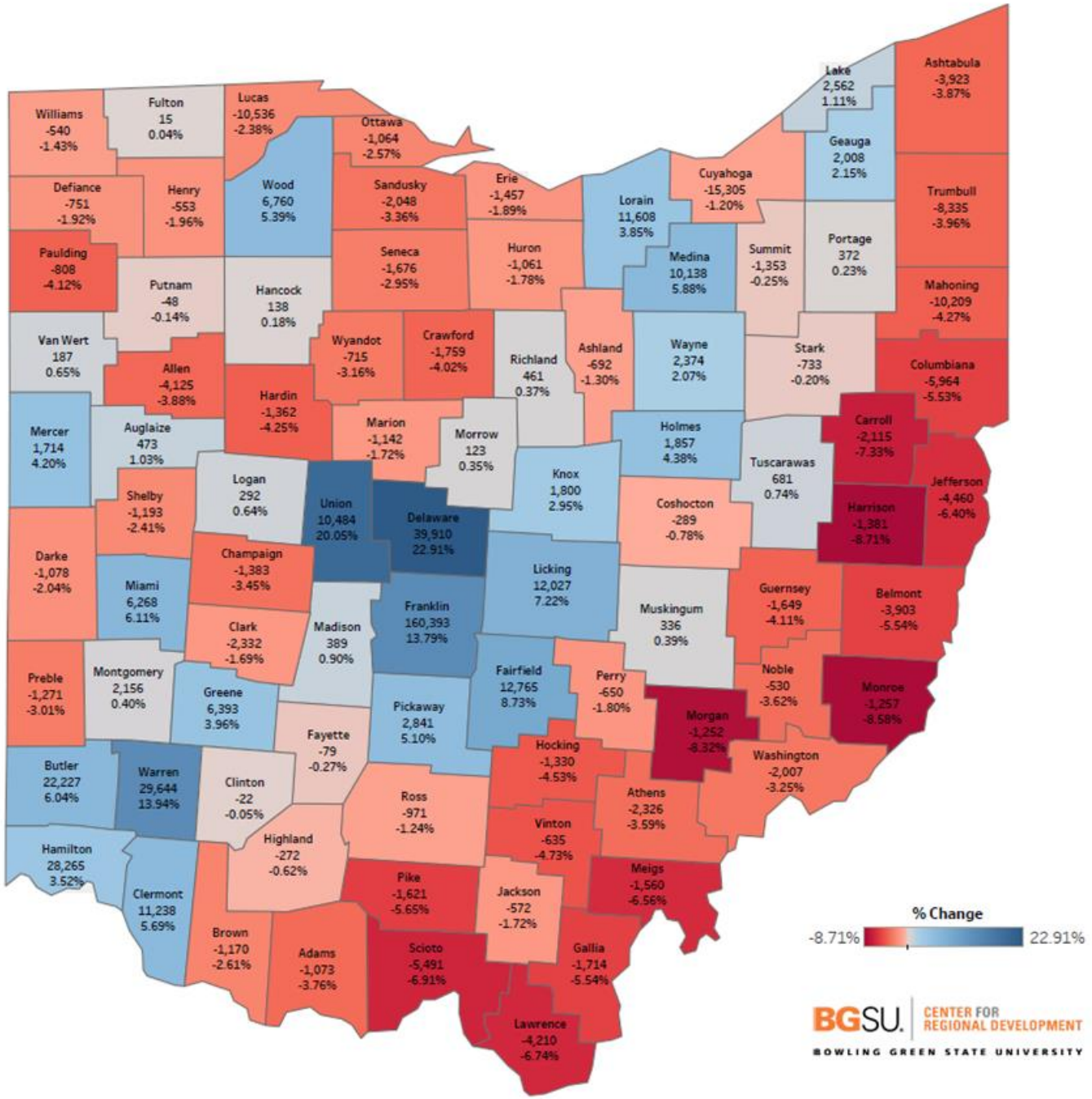


Ohio Population Change by County

(2010-2020)

TOP COUNTIES WITH POPULATION GAINS

1. Franklin (160,393; 13.79%)
2. Delaware (39,910; 22.91%)
3. Warren (29,644; 13.94%)
4. Hamilton (28,265; 3.52%)
5. Butler (22,227; 6.04%)

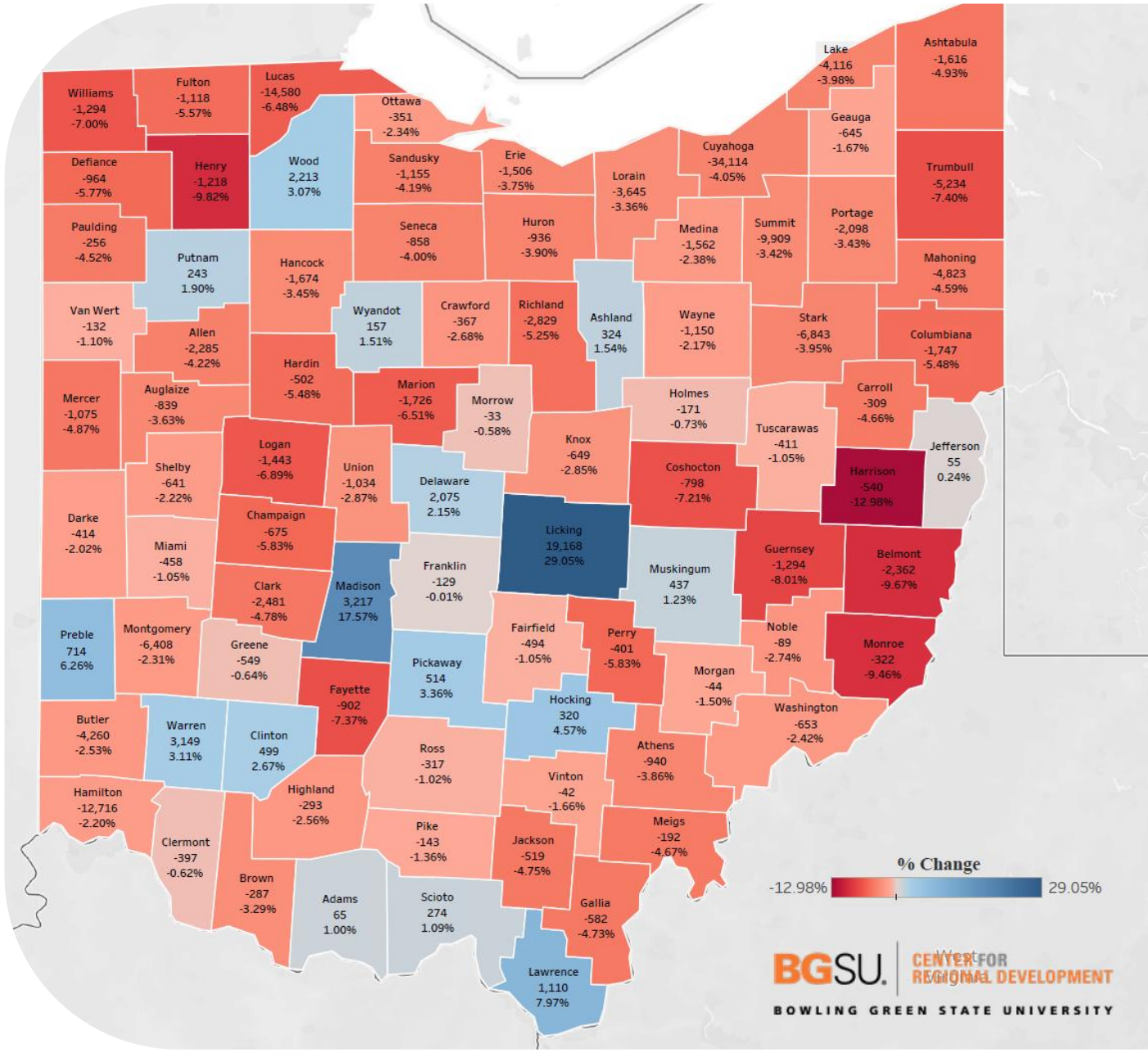


State of Ohio Job Growth by County

Total by County (2018-2022)

TOP COUNTIES WITH JOB GAINS

1. Licking (19,168; 29.04%)
2. Madison (3,217; 17.57%)
3. Warren (3,149; 3.10%)
4. Wood (2,213; 3.07%)
5. Delaware (2,075; 2.15%)

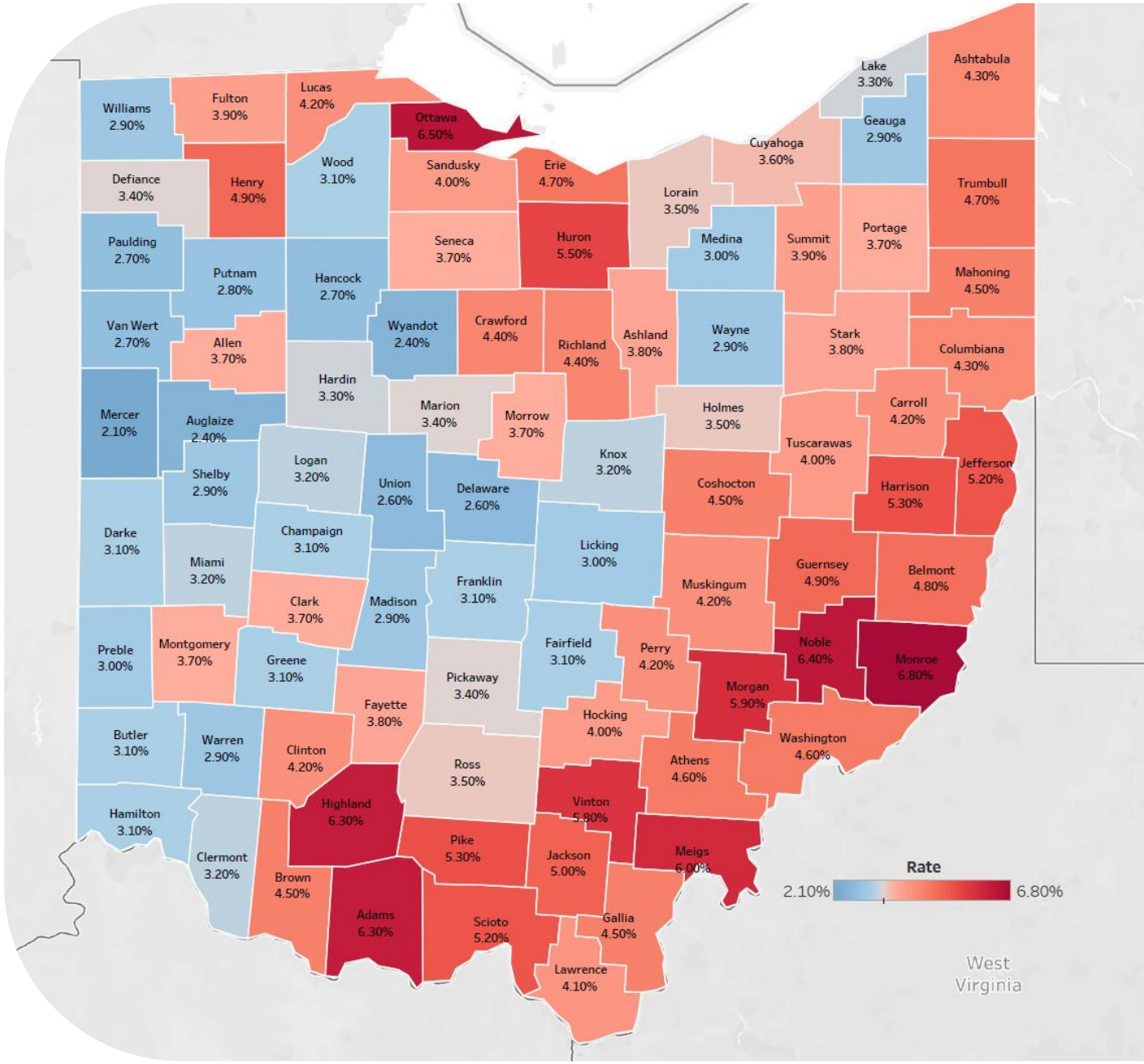


State of Ohio Unemployment

December 2022- Not Seasonally Adjusted

LOWEST UNEMPLOYMENT RATES

1. Mercer (2.1%)
2. Auglaize (2.4%)
3. Wyandot (2.4%)
4. Delaware (2.6%)
5. Union (2.6%)
6. Hancock (2.7%)

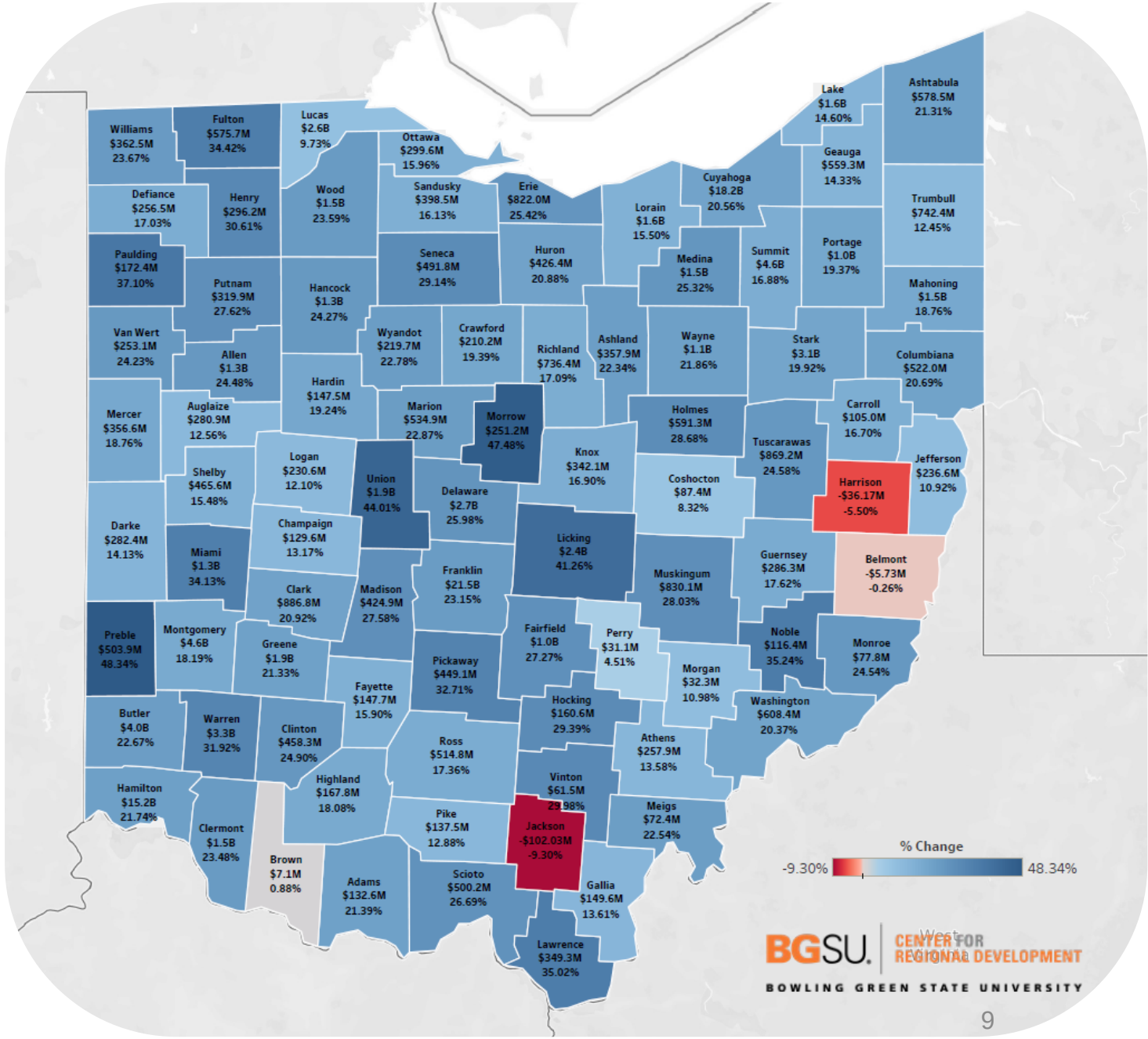


State of Ohio GRP Growth

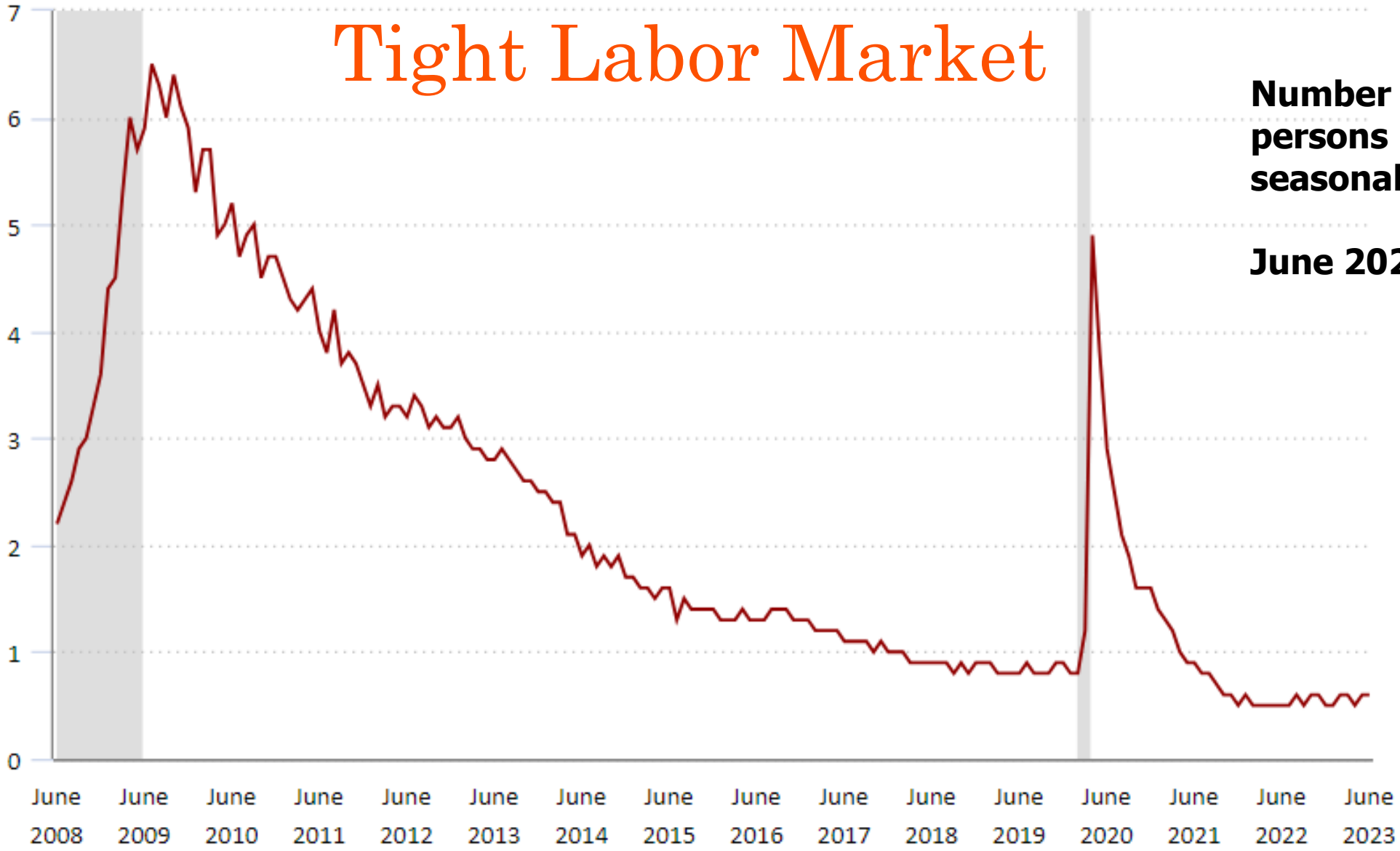
Total by County (2018-2022)

TOP COUNTIES WITH GRP GAINS

1. Franklin ($21.6B, 23.15%)
2. Cuyahoga ($18.3B, 20.56%)
3. Hamilton ($15.2B, 21.74%)
4. Montgomery ($4.7B, 18.19%)
5. Summit ($4.7B, 16.88%)



Tight Labor Market



Number of unemployed persons per job opening, seasonally adjusted.

June 2023= 0.5

U.S. Bureau of Labor Statistics

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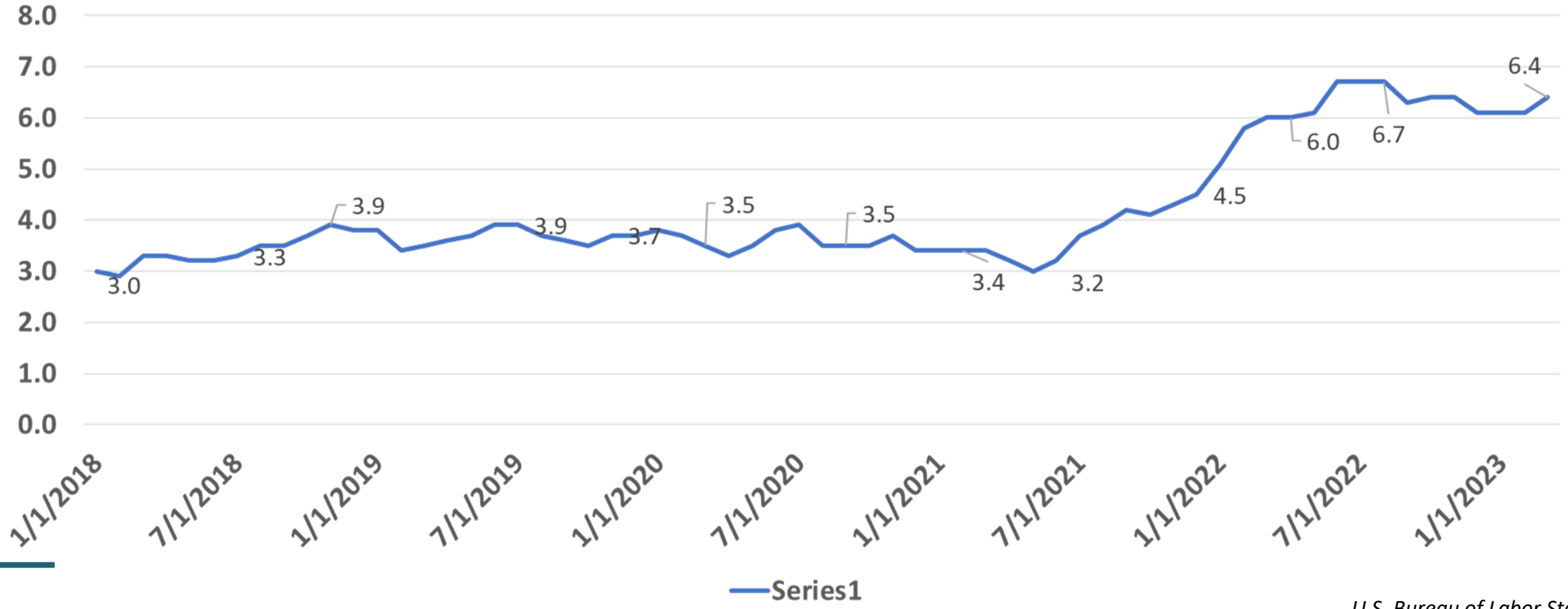
Rate of Wage Growth, 3 Month Moving Average (January 2018 - July 2023)



U.S. Bureau of Labor Statistics

Wages Remain Elevated

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Health Industries Job Growth Continues to Lead the Market

Range 2022: 2.9 – 9.1

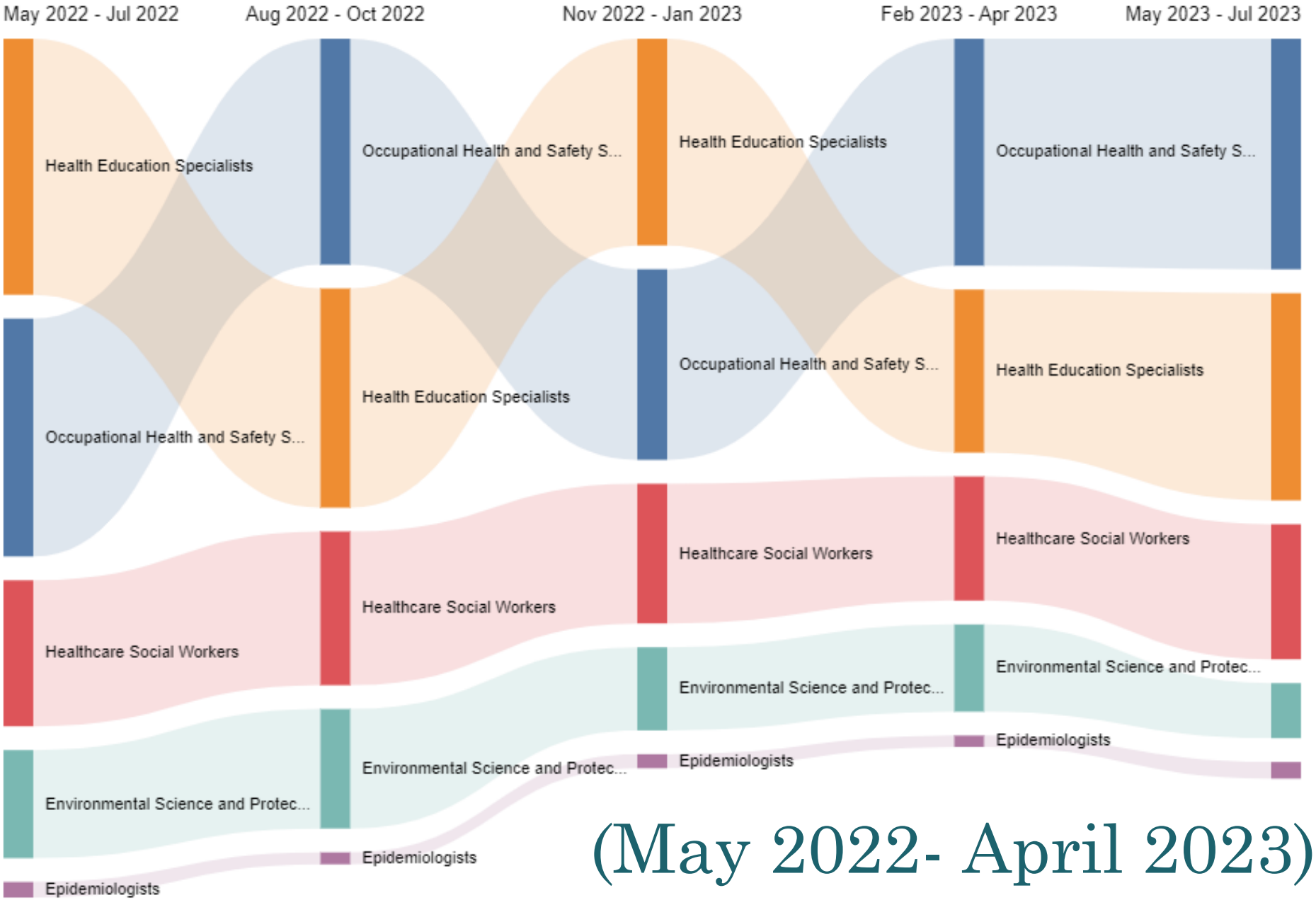
Range 2023: 2.9 - 7.9

(June 2022-June 2023)

June 2022-June 2023 Industry Job Growth

	Jobs Added (thousands)		Job Add Rate	
	June 2022	**June 2023**	**June 2022**	**June 2023**
Total	10,961	9,582	6.7	5.8
Industry:				
Education and health services	2,153	2,028	8.1	7.4
Health care and social assistance	1,991	1,837	8.9	7.9

Industry Demand & Talent Supply



Public Health Occupation Trends

Job Postings by Quarter

Lightcast Emsi

(May 2022- April 2023)

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Top Posted Occupations

Occupation (SOC)	Total/Unique (May 2022 - Apr 2023)	Posting Intensity	Median Posting Duration
Occupational Health and Safety Specialists	4,430 / 1,697	3 : 1	30 days
Health Education Specialists	4,133 / 1,627	3 : 1	32 days
Healthcare Social Workers	3,282 / 1,085	3 : 1	31 days
Environmental Science and Protection Technicians, Including Health	2,159 / 766	3 : 1	24 days
Epidemiologists	194 / 102	2 : 1	36 days

Top Posted Occupations Public Health

(May 2022- April 2023)

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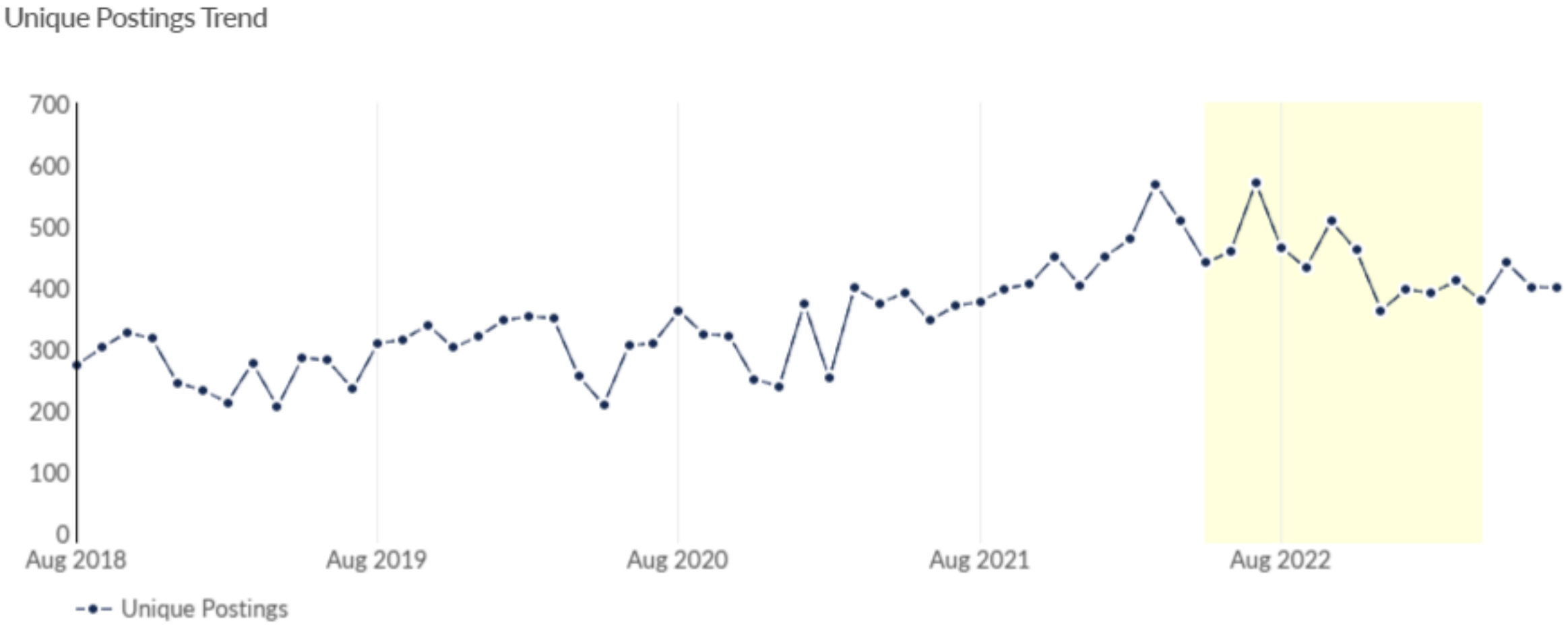
Job Title	Total/Unique (May 2022 - Apr 2023)	Posting Intensity	Median Posting Duration
Environmental Technicians	754 / 312	2 : 1	19 days
Safety Managers	579 / 228	3 : 1	34 days
Medical Social Workers	558 / 221	3 : 1	34 days
Safety Specialists	615 / 200	3 : 1	21 days
Clinical Social Workers	298 / 136	2 : 1	37 days
State Tested Nursing Assistants	241 / 103	2 : 1	36 days
Environmental Health and Safety Specialists	320 / 99	3 : 1	35 days
Registered Nurse Educators	282 / 89	3 : 1	33 days
Licensed Clinical Social Workers	345 / 79	4 : 1	28 days
Clinical Educators	172 / 72	2 : 1	29 days

Top Posted Job Titles – Public Health

(May 2022- April 2023)



Ohio Job Posting Trends – Public Health

(August 2018 - August 2023)

Preferred Education for In-Demand Positions (Public Health Occupations)

Education Breakdown

Education Level	Unique Postings	% of Total
No Education Listed	1,415	27%
High school or GED	1,002	19%
Associate degree	579	11%
Bachelor's degree	2,264	43%
Master's degree	1,012	19%
Ph.D. or professional degree	129	2%

(May 2022- April 2023)

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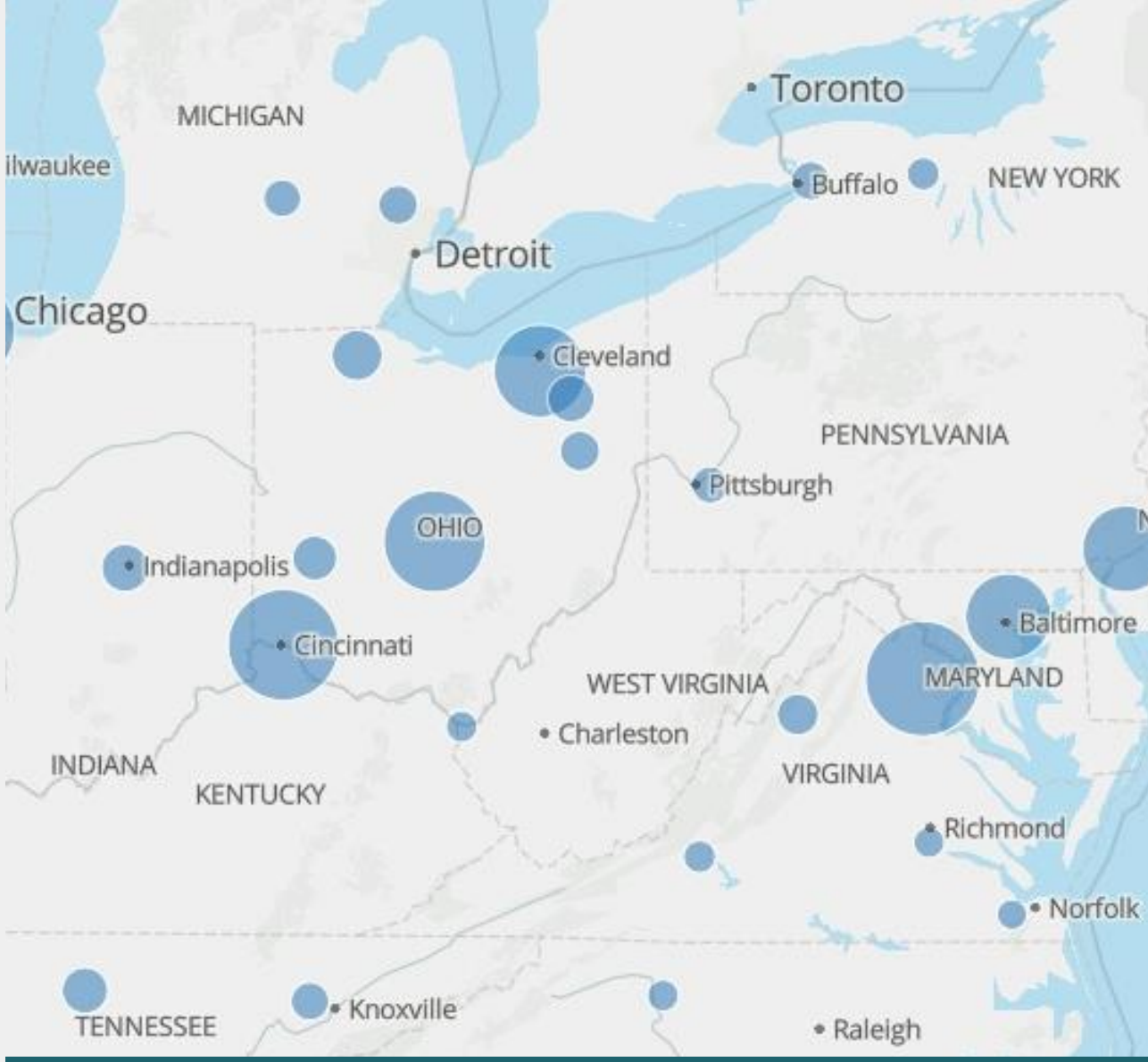
Talent Pool: Health Education

TOP 6 MSAs TALENT PRODUCTION

1. Los Angeles-Long Beach-Anaheim, CA
2. New York-Newark-Jersey City, NY-NJ-PA
3. Washington-Arlington-Alexandria, DC-VA-MD
4. San Francisco-Oakland-Berkeley, CA
5. Cincinnati. OH-KY-IN
6. Columbus, OH

**Ohio is a top talent EXPORTER as assessment by talent production, oversupply, and comparative wages.*



Lightcast Q3 2023- Talent Report Public Health

Talent Pool: Safety and Occupational Health Specialists

TOP 6 MSAs TALENT PRODUCTION

1. Los Angeles-Long Beach-Anaheim, CA
2. New York-Newark-Jersey City, NY-NJ-PA
3. Cincinnati, OH-KY-IN
4. Boston-Cambridge-Newton, MA-NH
5. Columbus, OH
6. Cleveland-Elyria, OH

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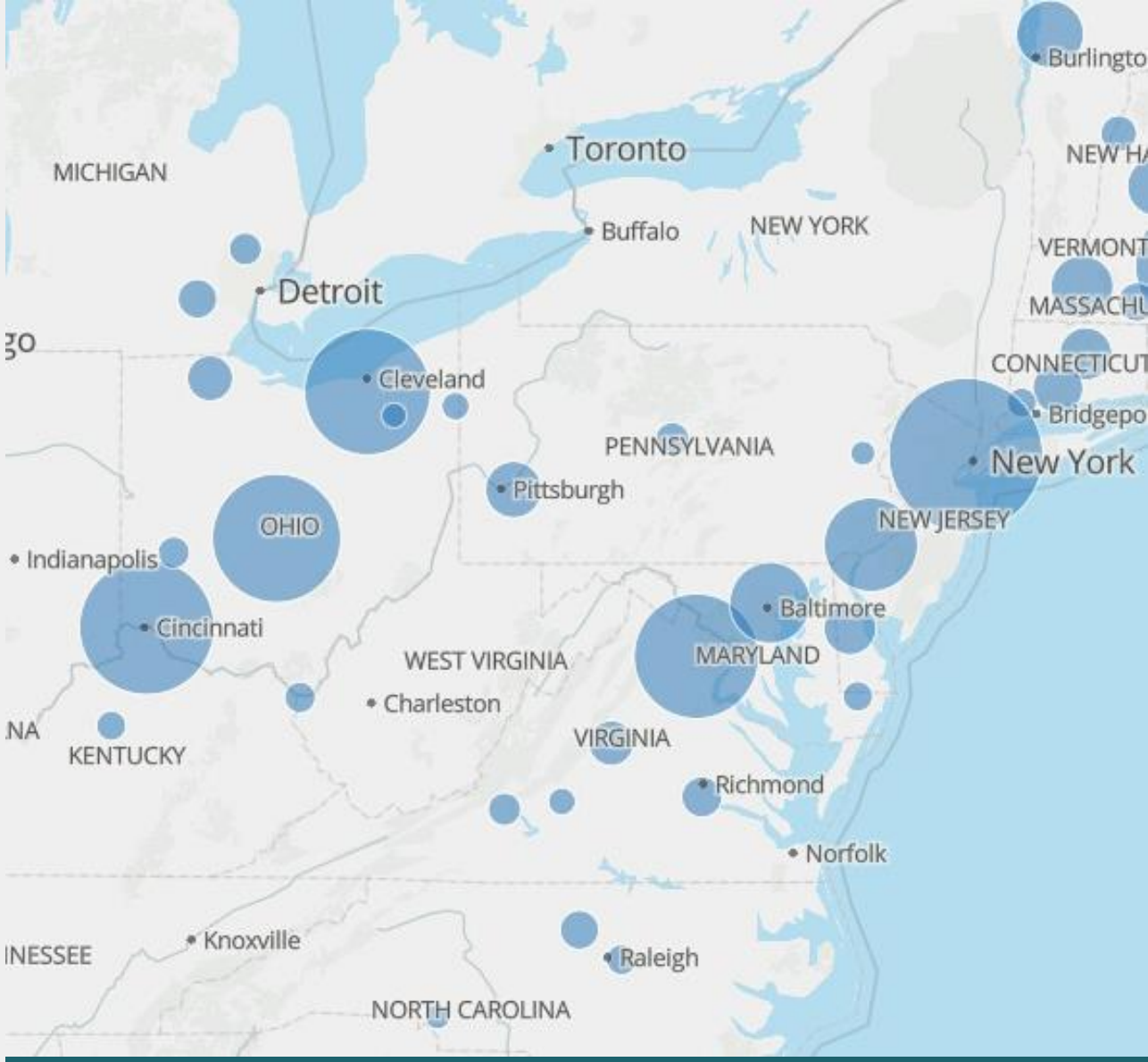


Lightcast Q3 2023- Talent Report Public Health

Advertised Wage Trends Public Health

(August 2020- July 2023)

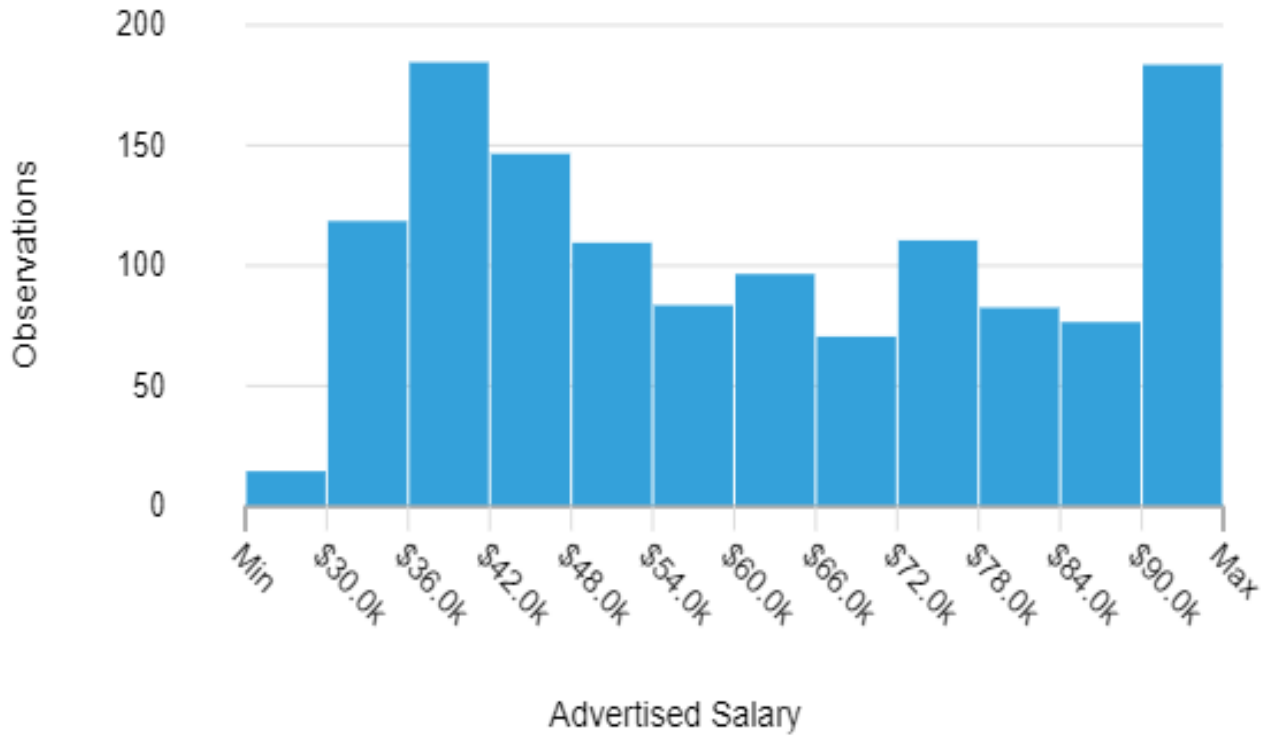
Median Salary Posted Public Health Occupations

There are 1,271 advertised salary observations (24% of the 5,277 matching postings).

$58.0K

Median Advertised Salary

(July 2023)



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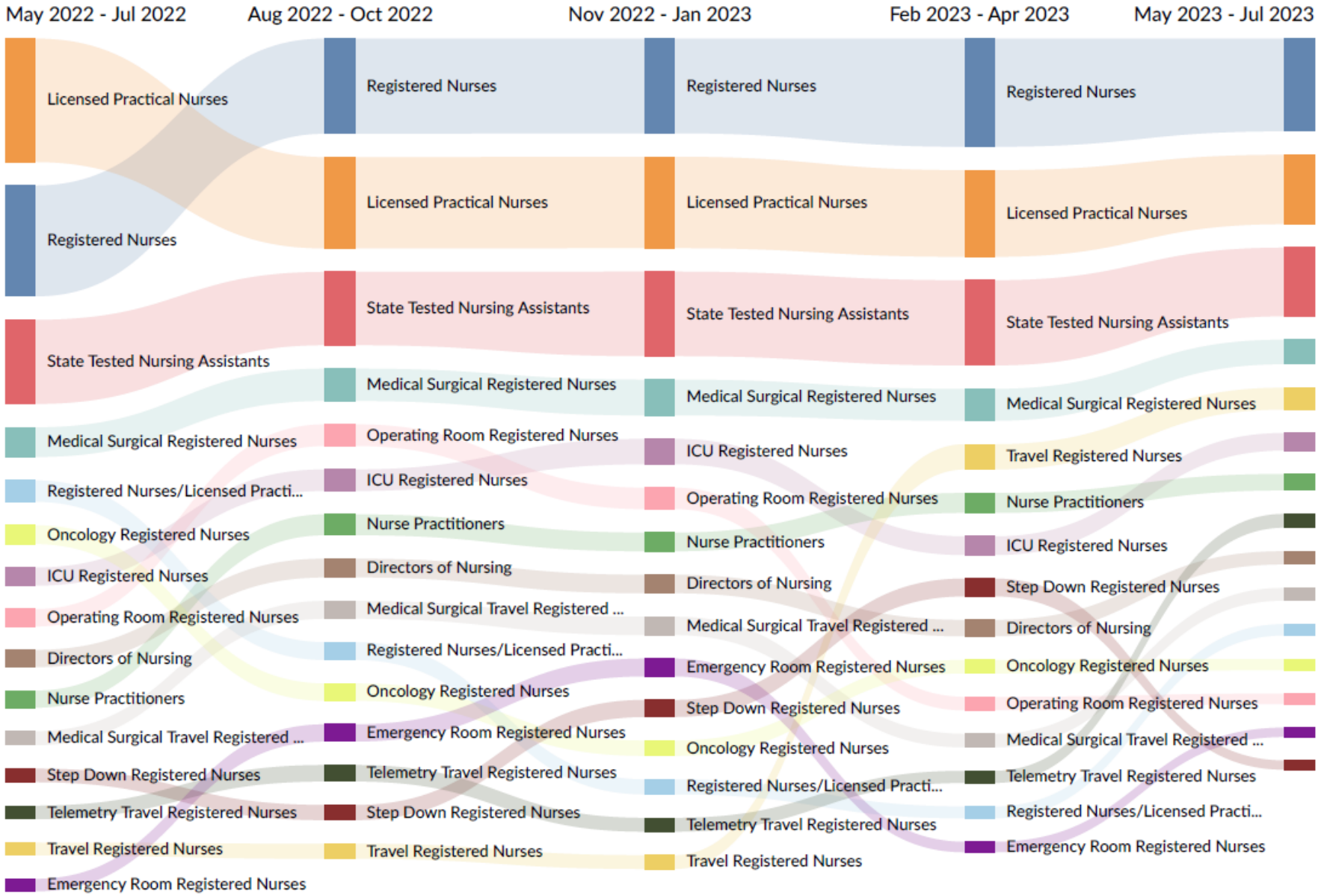


Nursing Occupation Trends

Job Postings by Quarter

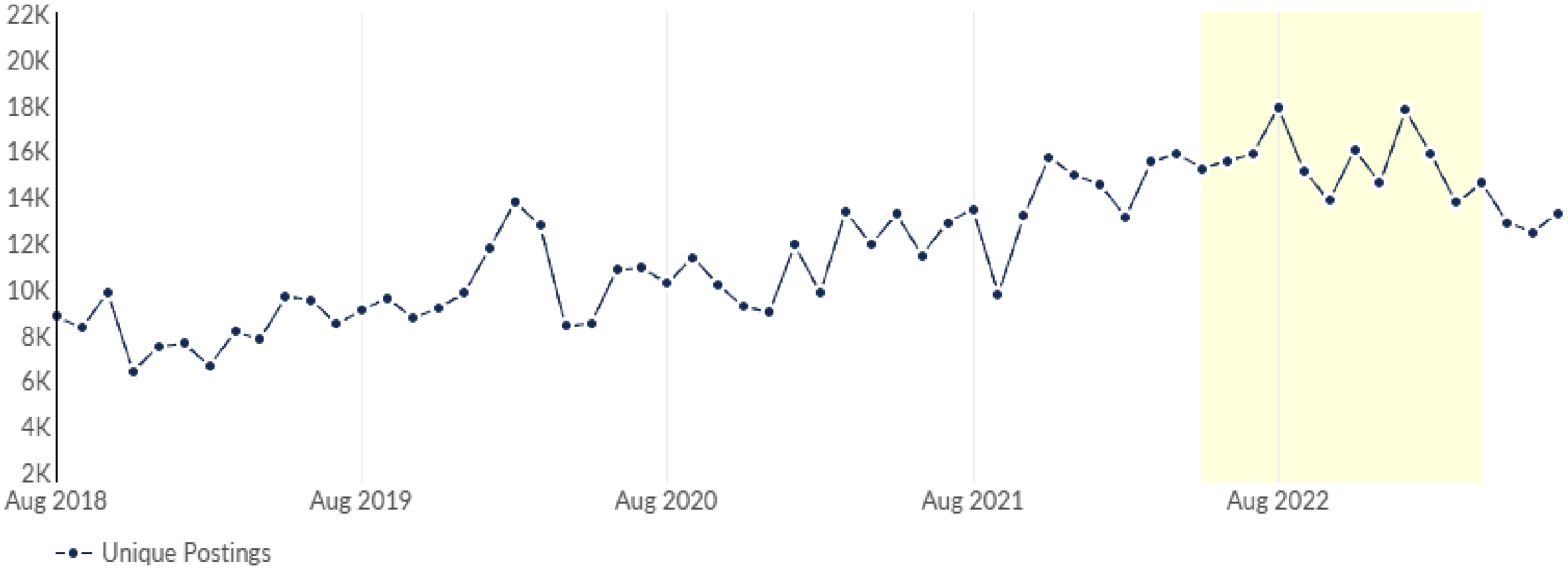
Lightcast Emsi

(May 2022- April 2023)

Job Title	Total/Unique (May 2022 - Apr 2023)	Posting Intensity	Median Posting Duration
Registered Nurses	30,376 / 9,636	3 : 1	28 days
Licensed Practical Nurses	24,131 / 9,257	3 : 1	25 days
State Tested Nursing Assistants	29,777 / 7,703	4 : 1	27 days
Medical Surgical Registered Nurses	9,276 / 3,039	3 : 1	24 days
ICU Registered Nurses	12,554 / 1,956	6 : 1	25 days
Nurse Practitioners	4,210 / 1,789	2 : 1	30 days
Operating Room Registered Nurses	10,252 / 1,723	6 : 1	26 days
Directors of Nursing	4,366 / 1,656	3 : 1	31 days
Travel Registered Nurses	14,422 / 1,560	9 : 1	26 days
Registered Nurses/Licensed Practical Nurses	4,276 / 1,538	3 : 1	36 days

Top Posted Job Titles – Nursing

(May 2022- April 2023)



Ohio Job Posting Trends – Nursing

(August 2018 - August 2023)

Preferred Education for In-Demand Positions (Nursing Occupations)

Education Level	Unique Postings	% of Total
No Education Listed	83,654	45%
High school or GED	25,929	14%
Associate degree	51,271	28%
Bachelor's degree	34,938	19%
Master's degree	12,026	6%
Ph.D. or professional degree	3,295	2%

(May 2022- April 2023)

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Top MSAs Posting

MSA	Total/Unique (May 2022 - Apr 2023)	Posting Intensity	Median Posting Duration
Cincinnati, OH-KY-IN	3,291 / 1,200	3 : 1	33 days
Columbus, OH	2,732 / 1,119	2 : 1	33 days
Cleveland-Elyria, OH	2,628 / 910	3 : 1	28 days
Dayton-Kettering, OH	781 / 426	2 : 1	31 days
Toledo, OH	2,160 / 345	6 : 1	33 days
Akron, OH	709 / 329	2 : 1	24 days
Canton-Massillon, OH	420 / 149	3 : 1	19 days
Huntington-Ashland, WV-KY-OH	182 / 113	2 : 1	22 days
Youngstown-Warren-Boardman, OH-PA	125 / 75	2 : 1	27 days
Findlay, OH	106 / 60	2 : 1	32 days

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Nursing Job Postings By Ohio MSA

(May 2022- April 2023)

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Talent Pool: Nurses

TOP 6 MSAs TALENT PRODUCTION

1. Chicago-Naperville-Elgin, IL-IN-WI
2. Cleveland-Elyria, OH
3. Columbus, OH
4. Cincinnati. OH-KY-IN
5. New York-Newark-Jersey City, NY-NJ-PA
6. Salt Lake City, UT

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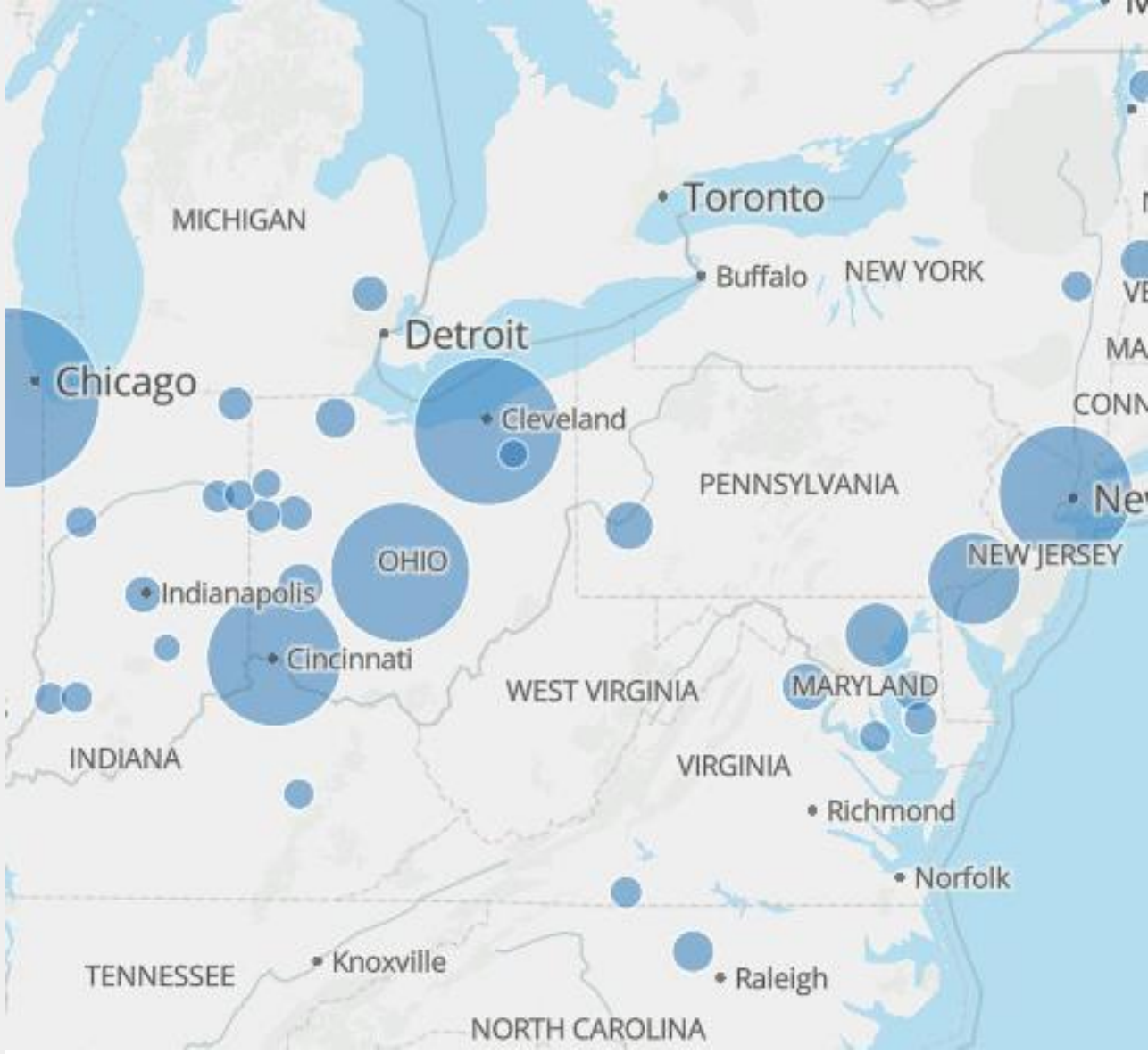

Lightcast Q3 2023- Talent Report Public Health

Advertised Wage Trends Nursing

(August 2020- July 2023)

Median Salary Posted Nursing Occupations

There are 49,016 advertised salary observations (26% of the 186,065 matching postings).

$77.7K

Median Advertised Salary

(July 2023)

Industry Group Jobs and Earnings Comparison

Group	2022 Jobs	2025 Jobs	Earnings Per Worker	Payrolled Business Locations
Health Care and Social Assistance	788,430	812,282	$71,235	34,337
Hospitals	250,526	255,665	$85,331	535
Offices of Physicians (except Mental Health Specialists)	96,992	101,272	$134,668	6,921

Industry Job Earnings Comparison

(2022-2023)

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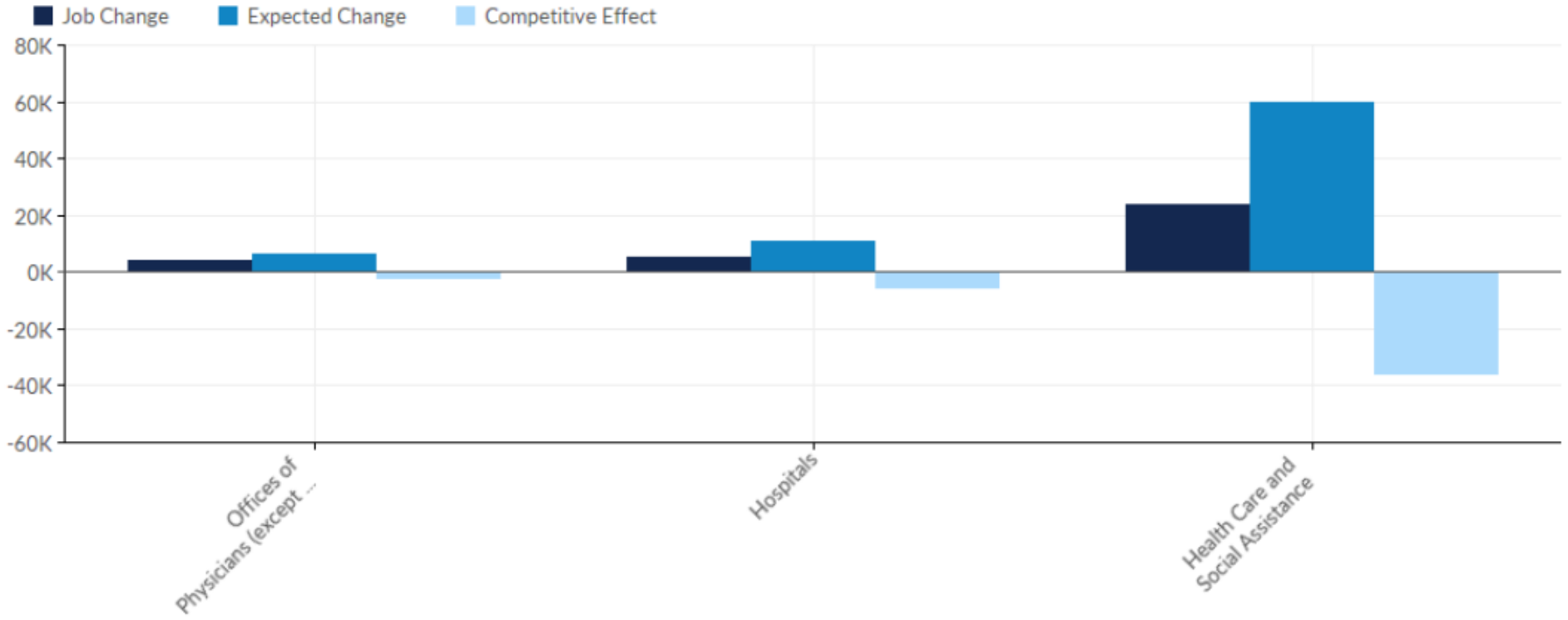


Group	Job Change	Ind Mix Effect	Nat Growth Effect	Expected Change	Competitive Effect
Offices of Physicians (except Mental Health Specialists)	4,280	830	5,313	6,143	-1,863
Hospitals	5,139	-3,070	13,722	10,652	-5,513
Health Care and Social Assistance	23,852	16,578	43,185	59,763	-35,912

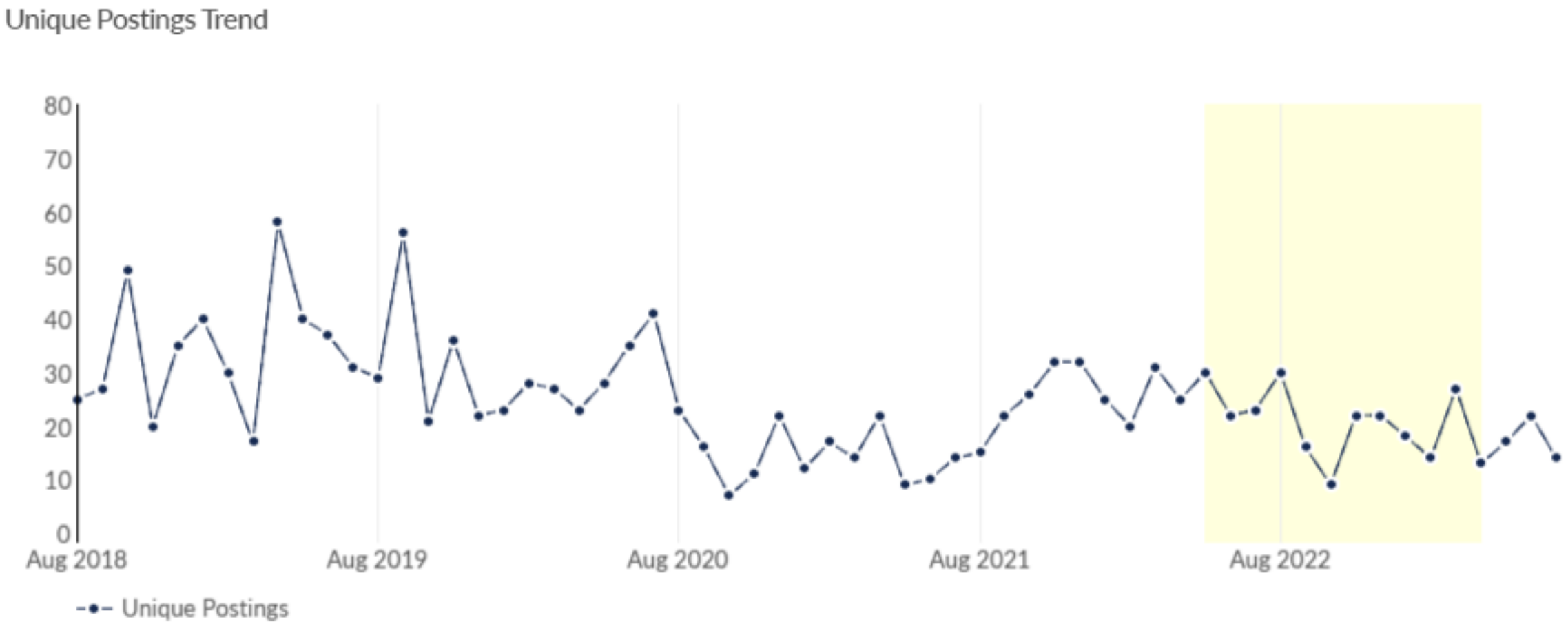
Industry Shift-share Comparison

FOR MORE INFORMATION OR TO PARTNER WITH CRD, PLEASE VISIT OUR WEBSITE AND SOCIAL MEDIA PLATFORMS

MSA	Total/Unique (May 2022 - Apr 2023)	Posting Intensity	Median Posting Duration
Cincinnati, OH-KY-IN	193 / 82	2 : 1	21 days
Columbus, OH	85 / 48	2 : 1	26 days
Cleveland-Elyria, OH	68 / 37	2 : 1	30 days
Toledo, OH	94 / 22	4 : 1	22 days
Dayton-Kettering, OH	16 / 12	1 : 1	20 days
Youngstown-Warren-Boardman, OH-PA	9 / 7	1 : 1	26 days
Akron, OH	13 / 6	2 : 1	30 days
Findlay, OH	12 / 6	2 : 1	41 days
Springfield, OH	4 / 4	1 : 1	13 days
Ashtabula, OH	4 / 3	1 : 1	n/a

Physician Job Postings By MSA

(May 2022- April 2023)



Ohio Job Posting Trends - Physicians

(August 2018- August 2023)

Lightcast Emsi

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