



AEP Ohio-Served Counties



BOUNDLESS ENERGY™

1 Riverside Plaza, 12th Floor
Columbus, Ohio 43215

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Report Parameters

61 Counties

39001	Adams County, OH	39013	Belmont County, OH
39003	Allen County, OH	39015	Brown County, OH
39005	Ashland County, OH	39019	Carroll County, OH
39009	Athens County, OH	39029	Columbiana County, OH
39011	Auglaize County, OH	<i>See Appendix A for all 61 Counties</i>	

Class of Worker

QCEW Employees, Non-QCEW Employees, and Self-Employed

The information in this report pertains to the chosen geographical areas.

Economy Overview

5,567,639

Population (2022)

Population **grew by 54,787** over the last 5 years and is projected to **grow by 86,783** over the next 5 years.

2,629,446

Total Regional Employment

Jobs **decreased by 2,714** over the last 5 years but are projected to **grow by 76,570** over the next 5 years.

\$66.7K

Avg. Earnings Per Job (2022)

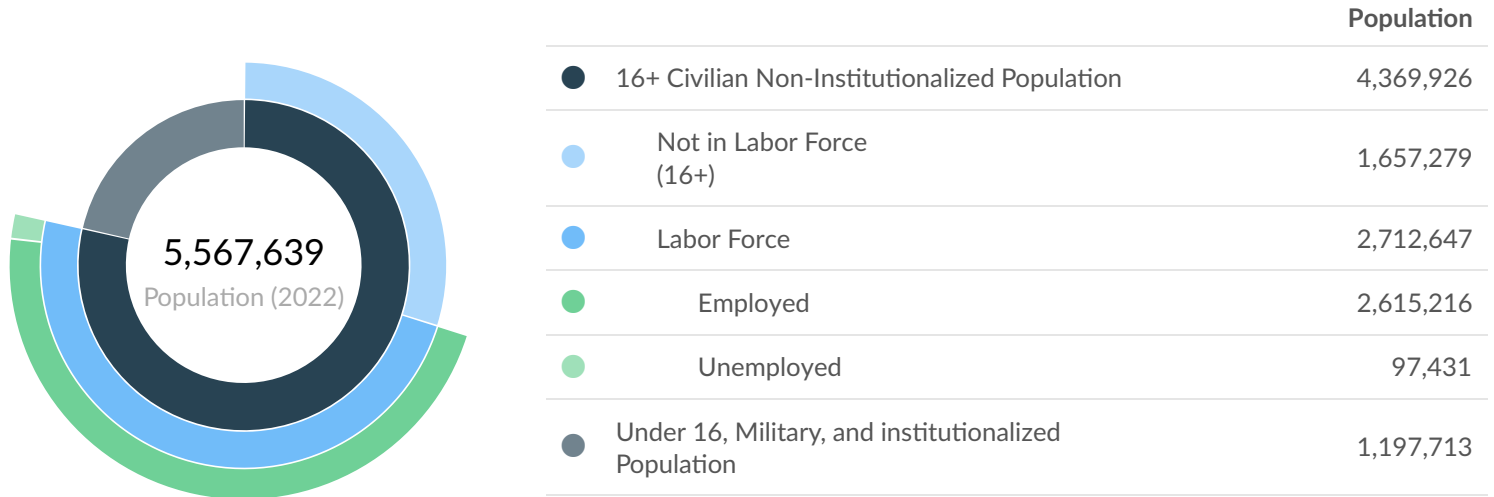
Regional average earnings per job are **\$13.1K below** the national average earnings of \$79.8K per job.

Takeaways

- As of 2022 the region's population **increased by 1.0%** since 2017, growing by 54,787. Population is expected to **increase by 1.6%** between 2022 and 2027, adding 86,783.
- From 2017 to 2022, jobs **declined by 0.1%** in AEP Ohio-Served Counties from 2,632,159 to **2,629,446**. This change **fell short of the national growth rate of 2.4% by 2.5%**. As the number of jobs declined, the **labor force participation rate decreased from 63.6% to 62.1% between 2017 and 2022**.
- Concerning educational attainment, **17.9% of the selected regions' residents possess a Bachelor's Degree** (2.9% below the national average), and **8.7% hold an Associate's Degree** (0.1% below the national average).
- The top three industries in 2022 are Restaurants and Other Eating Places, Education and Hospitals (Local Government), and Local Government, Excluding Education and Hospitals.

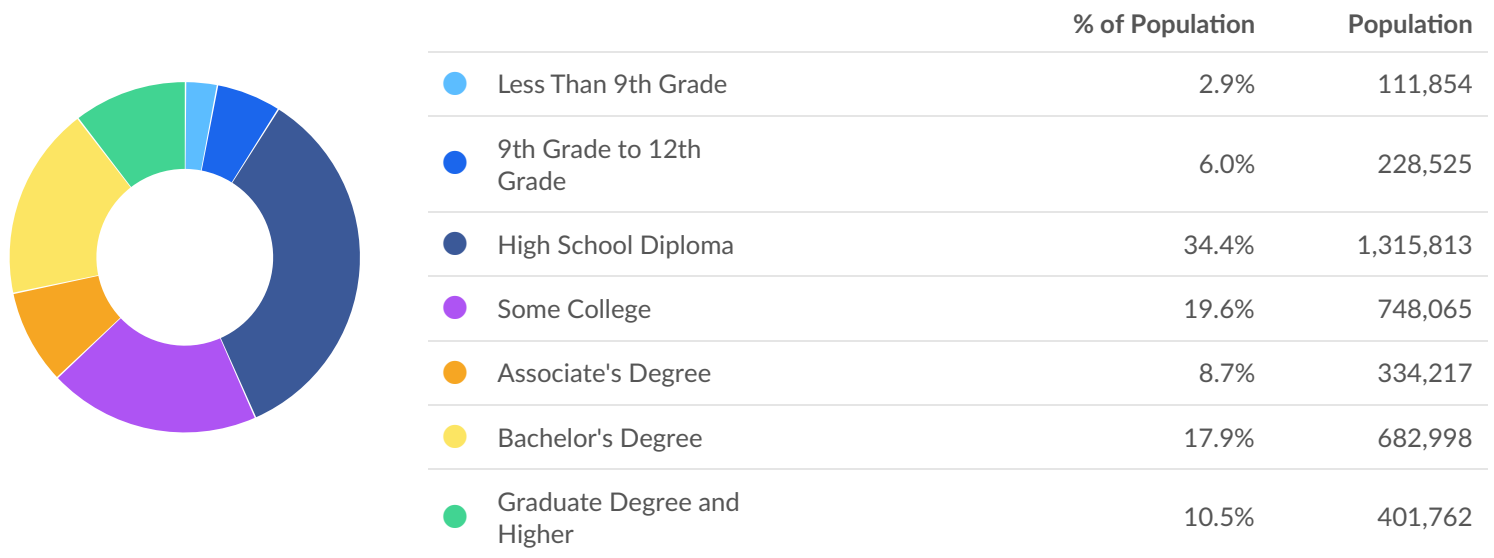
	Population (2022)	Labor Force (Sep 2022)	Jobs (2022)	Cost of Living	GRP	Imports	Exports
Region	5,567,639	2,712,647	2,629,446	91.6	\$344.50B	\$320.35B	\$363.21B
AEP Ohio-Served Counties	5,567,639	2,712,647	2,629,446	91.6	\$344.50B	\$320.35B	\$363.21B
Ohio	11,836,183	5,734,809	5,896,111	92.4	\$783.45B	\$631.33B	\$781.34B
Michigan	10,094,534	4,867,566	4,675,667	91.6	\$606.52B	\$528.26B	\$600.96B
Indiana	6,845,871	3,370,636	3,399,907	95.2	\$424.97B	\$434.17B	\$510.01B
Washington	7,822,953	4,006,420	3,941,429	115.0	\$690.90B	\$484.87B	\$668.76B
California	39,213,028	19,284,279	20,139,135	135.2	\$3.51T	\$1.86T	\$2.54T
Oregon	4,266,761	2,199,696	2,167,398	119.2	\$287.58B	\$235.24B	\$279.16B
Utah	3,397,416	1,747,090	1,817,034	103.5	\$237.27B	\$176.90B	\$237.56B
Nevada	3,170,762	1,570,624	1,587,020	112.6	\$212.95B	\$184.64B	\$206.69B

Sep 2022 Labor Force Breakdown



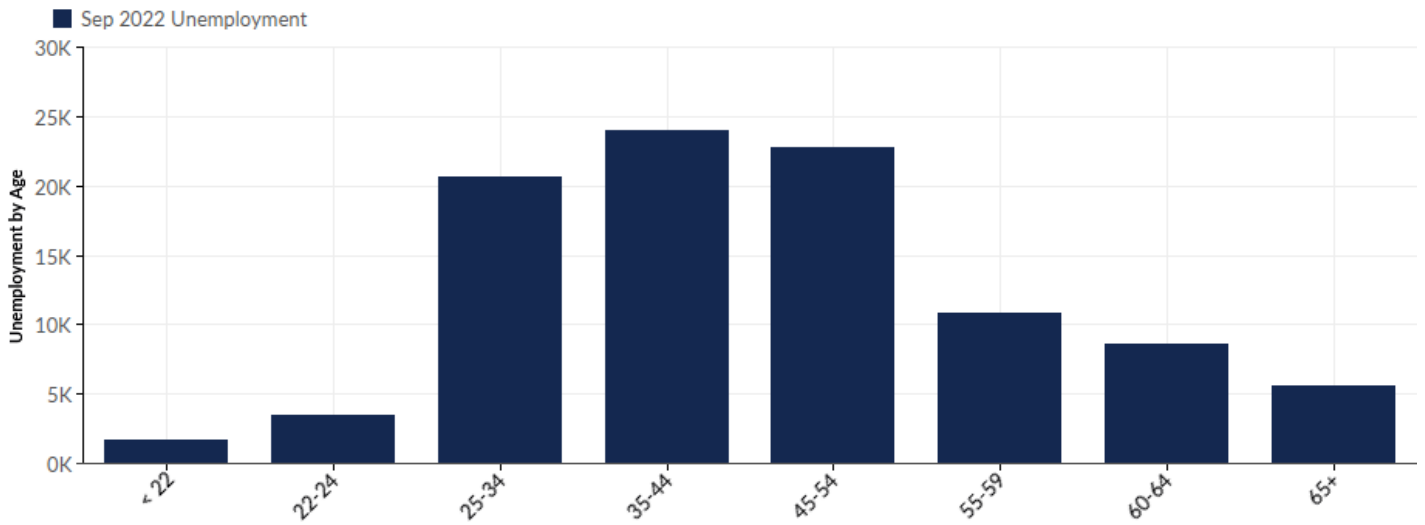
Educational Attainment

Concerning educational attainment, **17.9% of the selected regions' residents possess a Bachelor's Degree** (2.9% below the national average), and **8.7% hold an Associate's Degree** (0.1% below the national average).



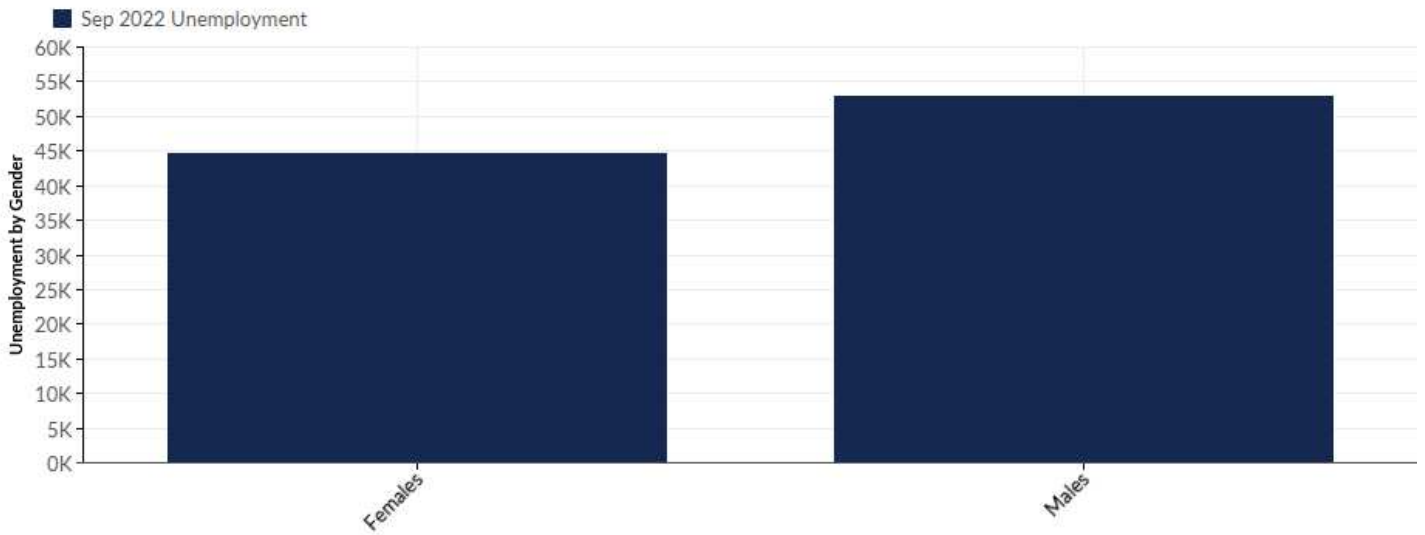
Unemployment by Demographics

Unemployment by Age



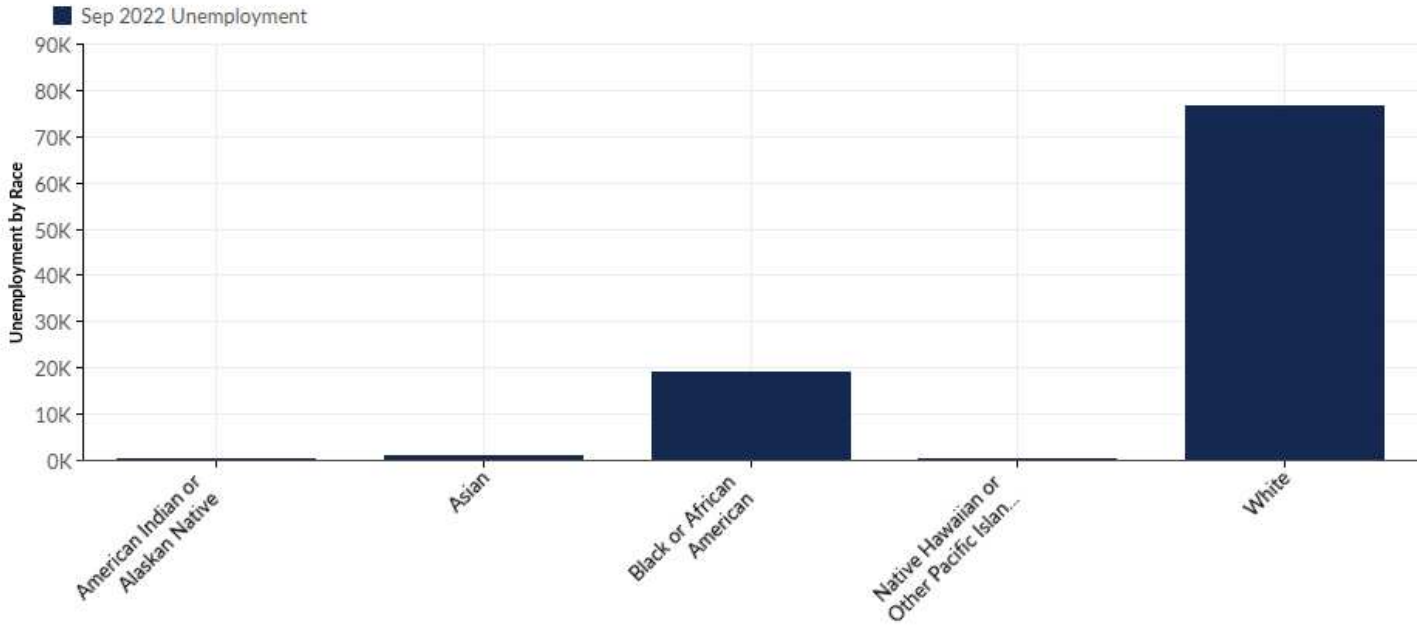
Age	Unemployment (Sep 2022)	% of Unemployed
< 22	1,653	1.70%
22-24	3,476	3.57%
25-34	20,615	21.16%
35-44	23,992	24.62%
45-54	22,799	23.40%
55-59	10,774	11.06%
60-64	8,578	8.80%
65+	5,544	5.69%
Total	97,431	100.00%

Unemployment by Gender



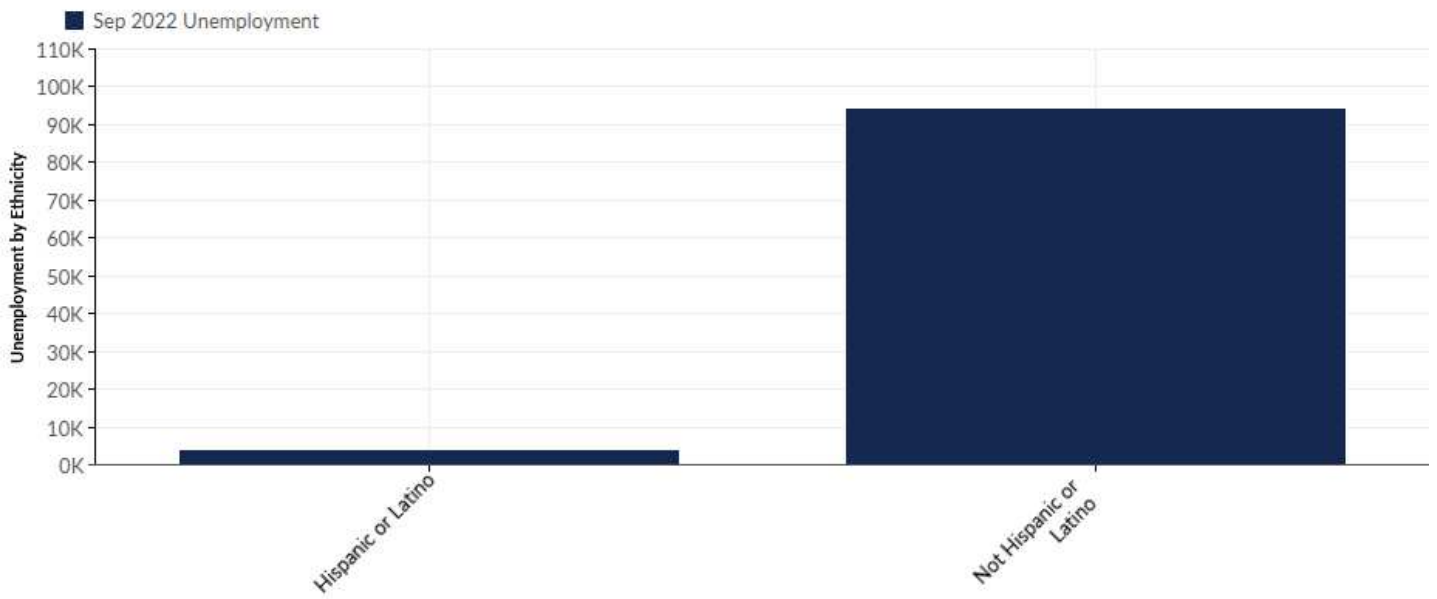
Gender	Unemployment (Sep 2022)	% of Unemployed
Females	44,639	45.82%
Males	52,792	54.18%
Total	97,431	100.00%

Unemployment by Race



Race	Unemployment (Sep 2022)	% of Unemployed
American Indian or Alaskan Native	471	0.48%
Asian	871	0.89%
Black or African American	19,155	19.66%
Native Hawaiian or Other Pacific Islander	184	0.19%
White	76,750	78.77%
Total	97,431	100.00%

Unemployment by Ethnicity

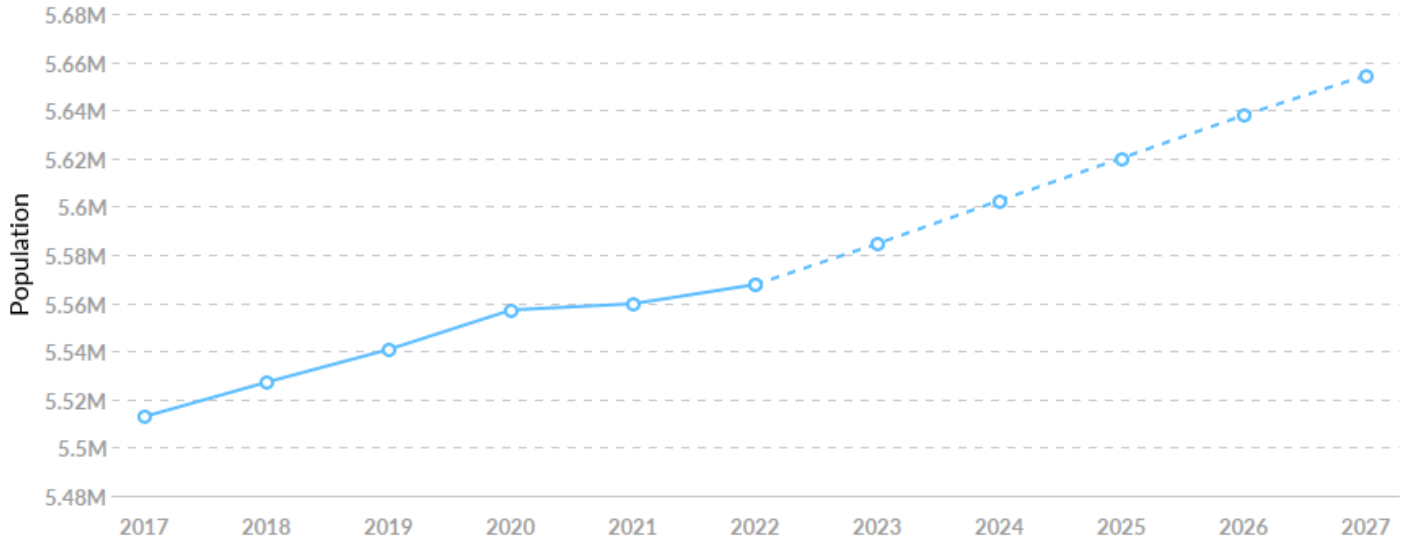


Ethnicity	Unemployment (Sep 2022)	% of Unemployed
Hispanic or Latino	3,549	3.64%
Not Hispanic or Latino	93,882	96.36%
Total	97,431	100.00%

Historic & Projected Trends

Population Trends

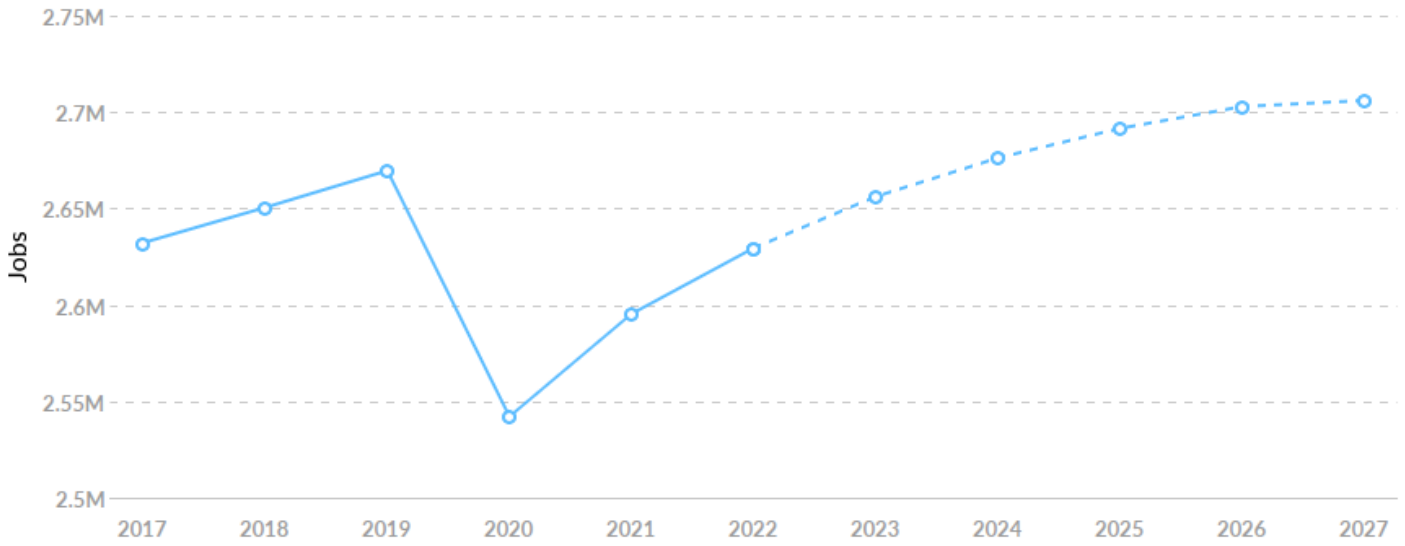
As of 2022 the region's population increased by 1.0% since 2017, growing by 54,787. Population is expected to increase by 1.6% between 2022 and 2027, adding 86,783.



Timeframe	Population
2017	5,512,852
2018	5,527,115
2019	5,540,709
2020	5,557,065
2021	5,559,653
2022	5,567,639
2023	5,584,604
2024	5,602,516
2025	5,620,129
2026	5,637,907
2027	5,654,422

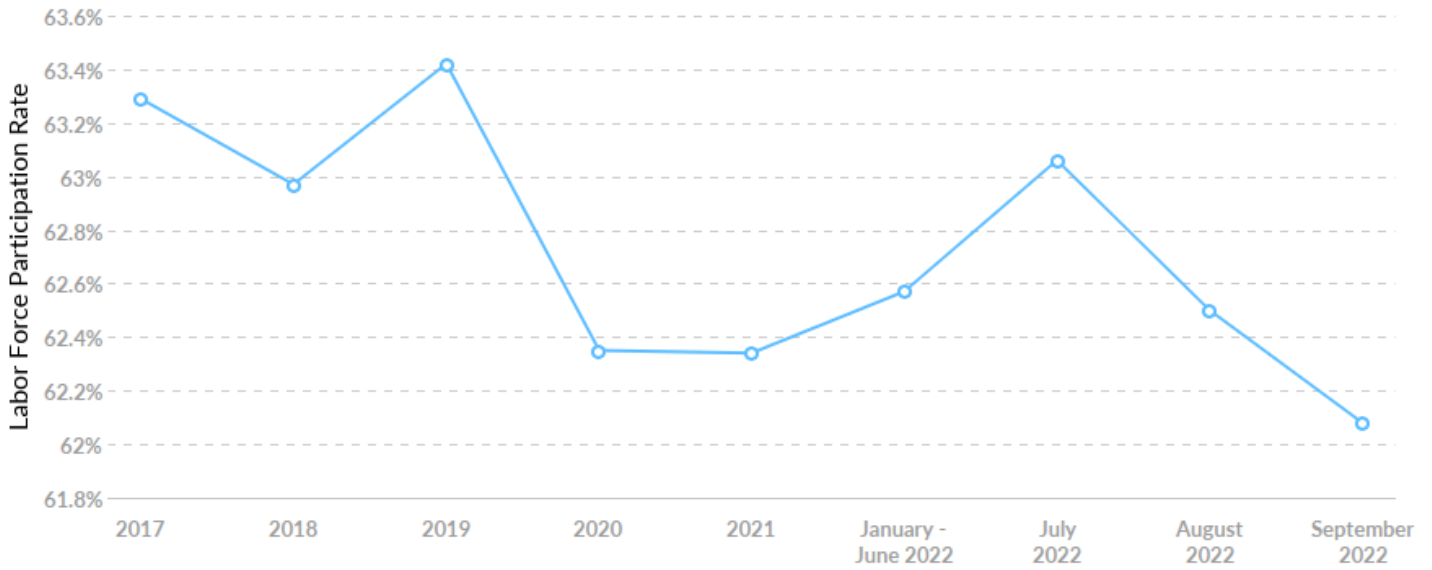
Job Trends

From 2017 to 2022, jobs declined by 0.1% in AEP Ohio-Served Counties from 2,632,159 to 2,629,446. This change fell short of the national growth rate of 2.4% by 2.5%.



Timeframe	Jobs
2017	2,632,159
2018	2,650,470
2019	2,669,576
2020	2,541,970
2021	2,595,301
2022	2,629,446
2023	2,656,162
2024	2,676,195
2025	2,691,534
2026	2,702,848
2027	2,706,015

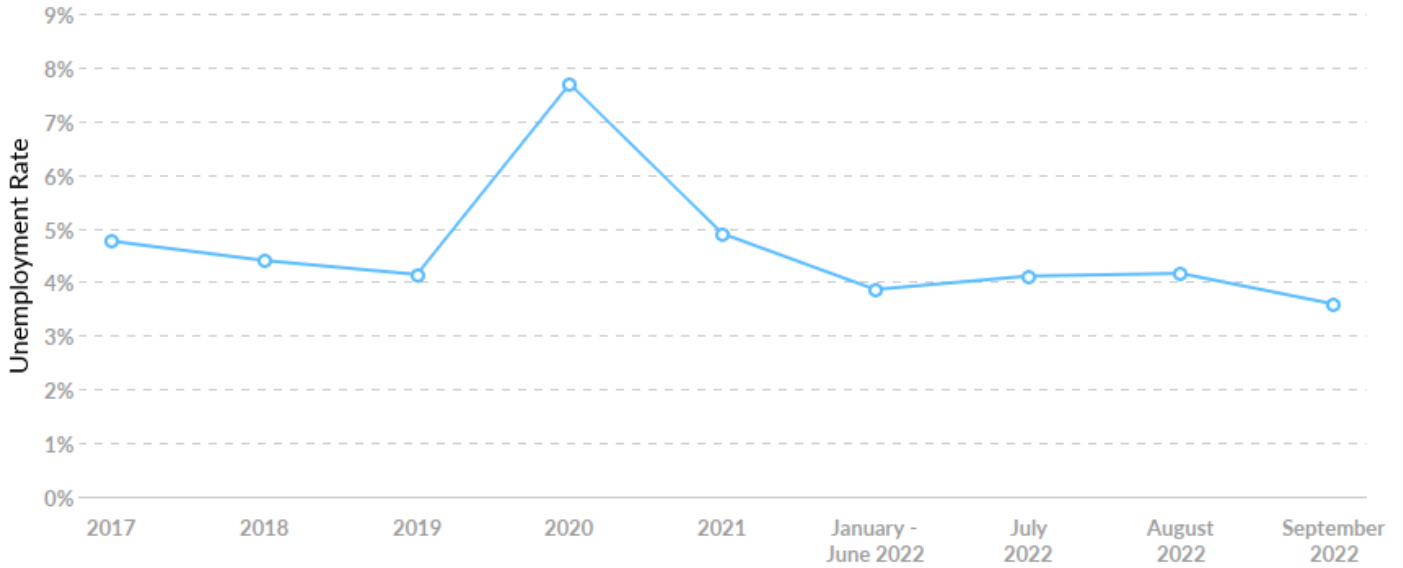
Labor Force Participation Rate Trends



Timeframe	Labor Force Participation Rate
2017	63.29%
2018	62.97%
2019	63.42%
2020	62.35%
2021	62.34%
January - June 2022	62.57%
July 2022	63.06%
August 2022	62.50%
September 2022	62.08%

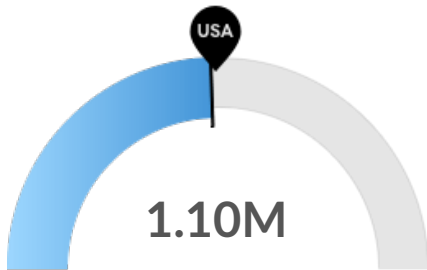
Unemployment Rate Trends

Your areas had a September 2022 unemployment rate of 3.59%, decreasing from 4.76% 5 years before.



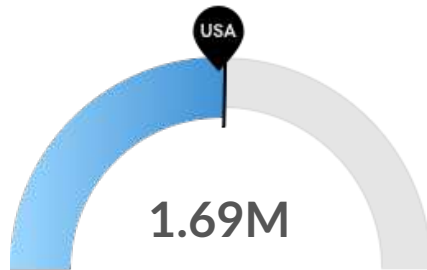
Timeframe	Unemployment Rate
2017	4.76%
2018	4.40%
2019	4.14%
2020	7.69%
2021	4.90%
January - June 2022	3.86%
July 2022	4.11%
August 2022	4.16%
September 2022	3.59%

Population Characteristics



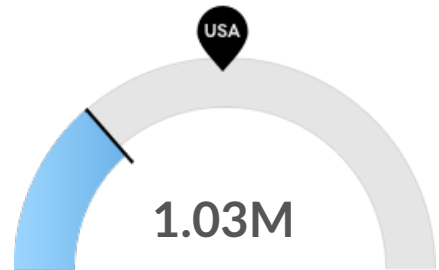
Millennials

Your area has 1,100,285 millennials (ages 25-39). The national average for an area this size is 1,135,645.



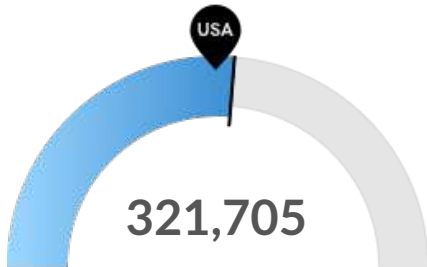
Retiring Soon

Retirement risk is about average in your area. The national average for an area this size is 1,652,533 people 55 or older, while there are 1,686,494 here.



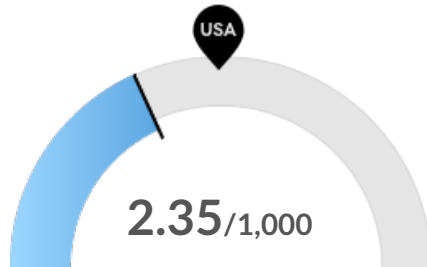
Racial Diversity

Racial diversity is low in your area. The national average for an area this size is 2,262,436 racially diverse people, while there are 1,034,227 here.



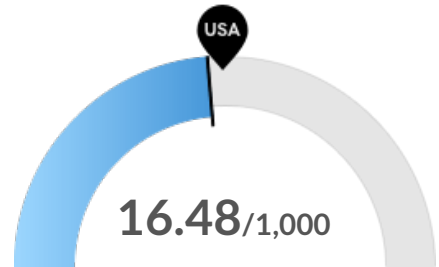
Veterans

Your area has 321,705 veterans. The national average for an area this size is 298,982.



Violent Crime

Your area has 2.35 violent crimes per 1,000 people. The national rate is 3.59 per 1,000 people.

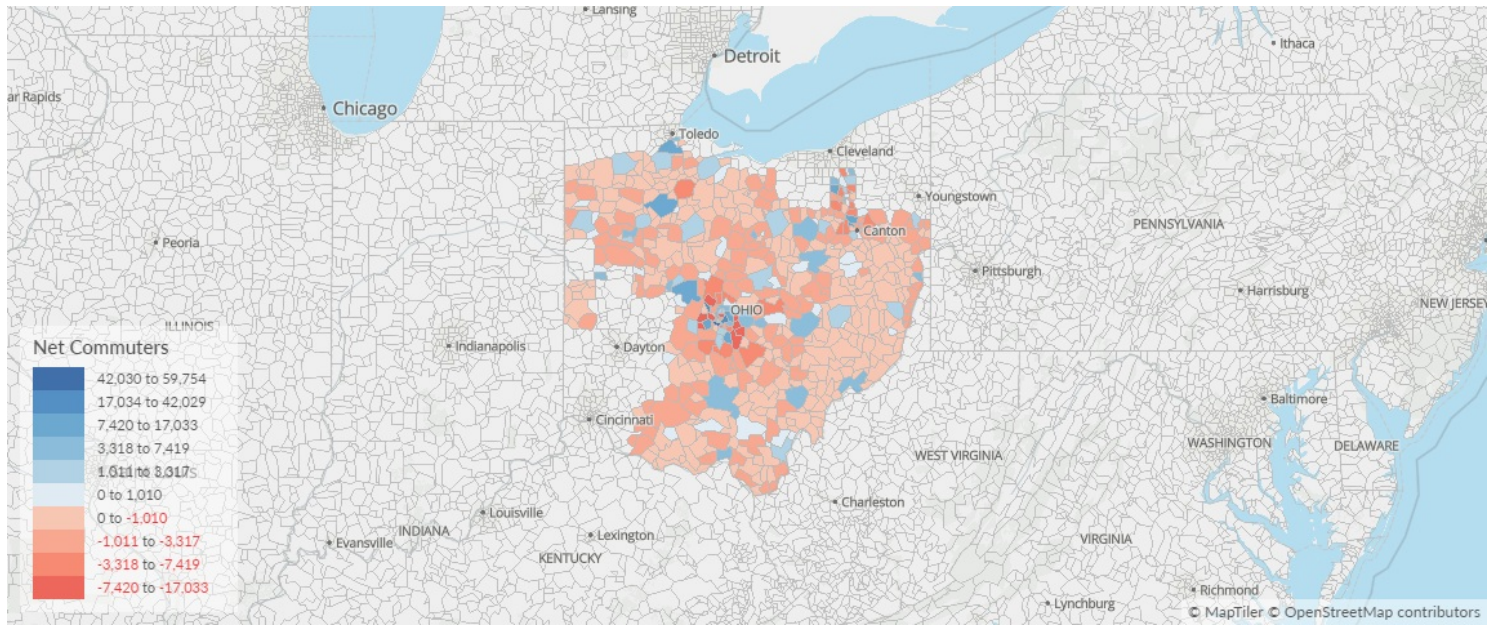


Property Crime

Your area has 16.48 property crimes per 1,000 people. The national rate is 17.8 per 1,000 people.

Place of Work vs Place of Residence

Understanding where talent in the region currently works compared to where talent lives can help you optimize site decisions. For example, the #1 ranked ZIP for employment ranks #33 for resident workers. The top ZIP for resident workers is 43081.



Where Talent Works

ZIP	Name	2022 Employment
43215	Columbus, OH (in Frank...	78,484
43219	Columbus, OH (in Frank...	46,184
43230	Columbus, OH (in Frank...	45,468
43210	Columbus, OH (in Frank...	43,798
43017	Dublin, OH (in Franklin ...	43,546

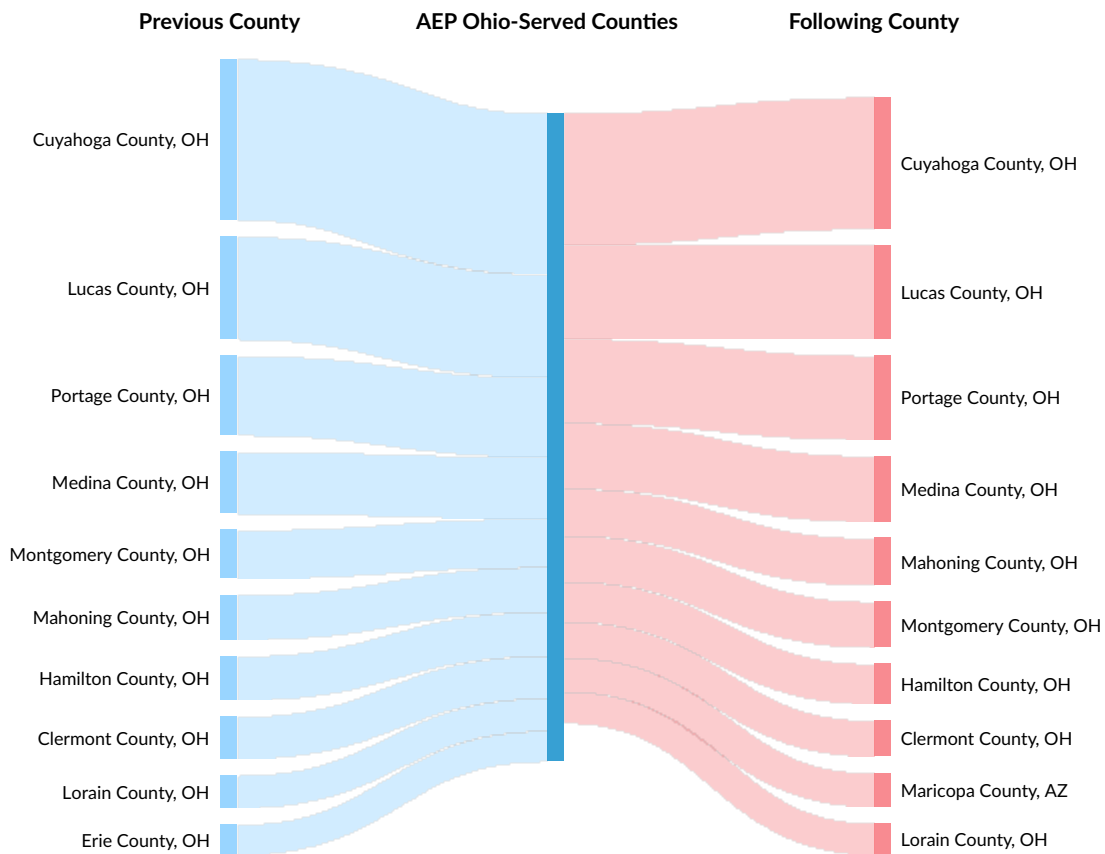
Where Talent Lives

ZIP	Name	2022 Workers
43081	Westerville, OH (in Fran...	38,000
43123	Grove City, OH (in Fran...	37,784
43026	Hilliard, OH (in Franklin ...	37,384
43230	Columbus, OH (in Frank...	35,269
43068	Reynoldsburg, OH (in Fr...	32,795

Inbound and Outbound Migration

The table below analyzes past and current residents of AEP Ohio-Served Counties. The left column shows residents of other counties migrating to AEP Ohio-Served Counties. The right column shows residents migrating from AEP Ohio-Served Counties to other counties.

As of 2020, **6,368** people have migrated from Cuyahoga County, OH to AEP Ohio-Served Counties. In the same year, **5,209** people left AEP Ohio-Served Counties migrating to Cuyahoga County, OH. The total Net Migration for AEP Ohio-Served Counties in 2020 was **-2,070**.



Top Previous Counties	Migrations
Cuyahoga County, OH	6,368
Lucas County, OH	4,073
Portage County, OH	3,144
Medina County, OH	2,446
Montgomery County, OH	1,922

Top Previous Counties	Migrations
Mahoning County, OH	1,774
Hamilton County, OH	1,741
Clermont County, OH	1,672
Lorain County, OH	1,291
Erie County, OH	1,203
Cook County, IL	1,185
Maricopa County, AZ	929
Allegheny County, PA	893
Clark County, OH	866
Greene County, OH	838
Top Following Counties	Migrations
Cuyahoga County, OH	5,209
Lucas County, OH	3,711
Portage County, OH	3,327
Medina County, OH	2,601
Mahoning County, OH	1,865
Montgomery County, OH	1,807
Hamilton County, OH	1,591
Clermont County, OH	1,422
Maricopa County, AZ	1,343
Lorain County, OH	1,248
Clark County, OH	1,209
Erie County, OH	1,088
Lee County, FL	1,078
Champaign County, OH	984

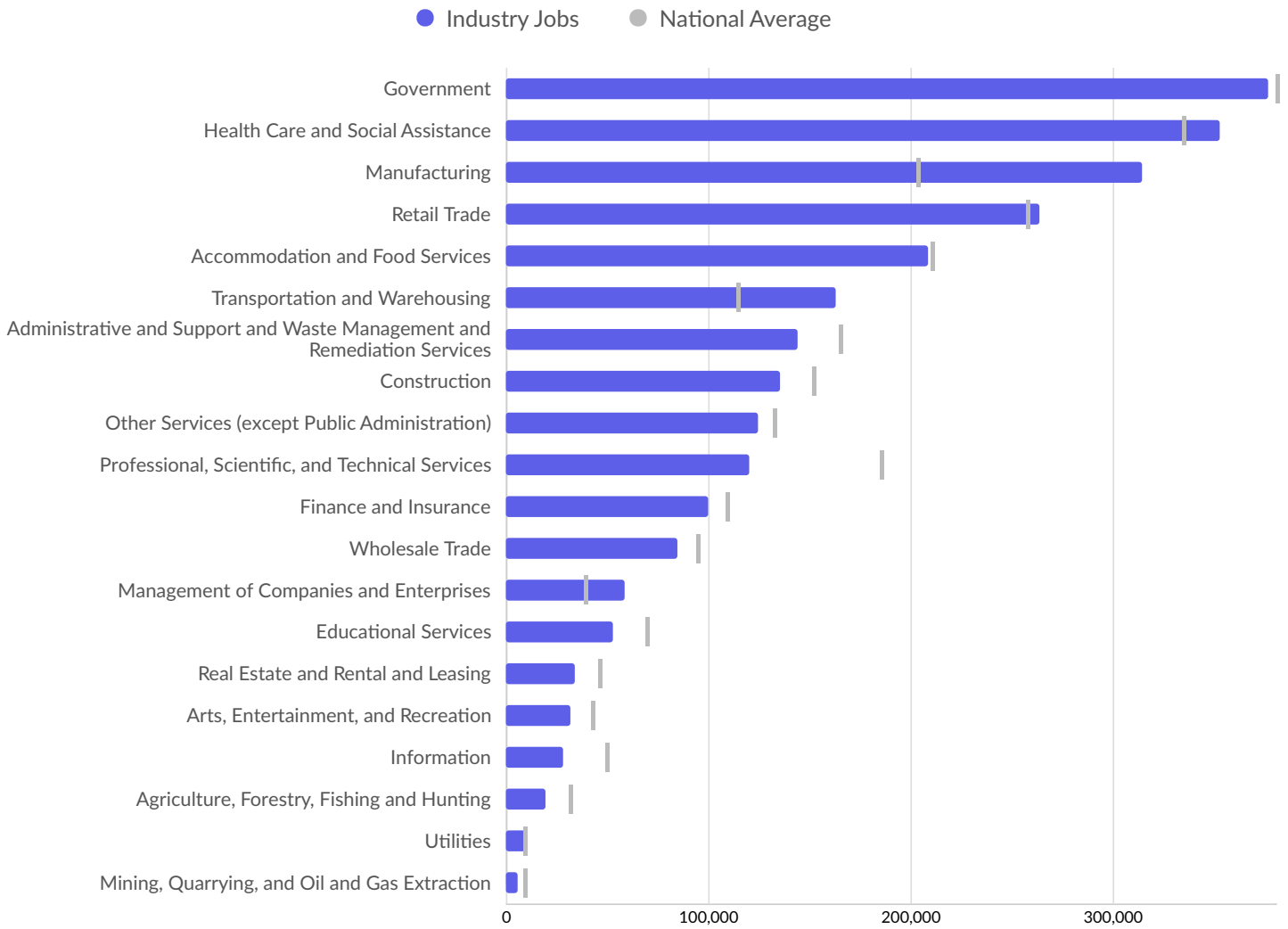
Top Following Counties**Migrations**

Allegheny County, PA

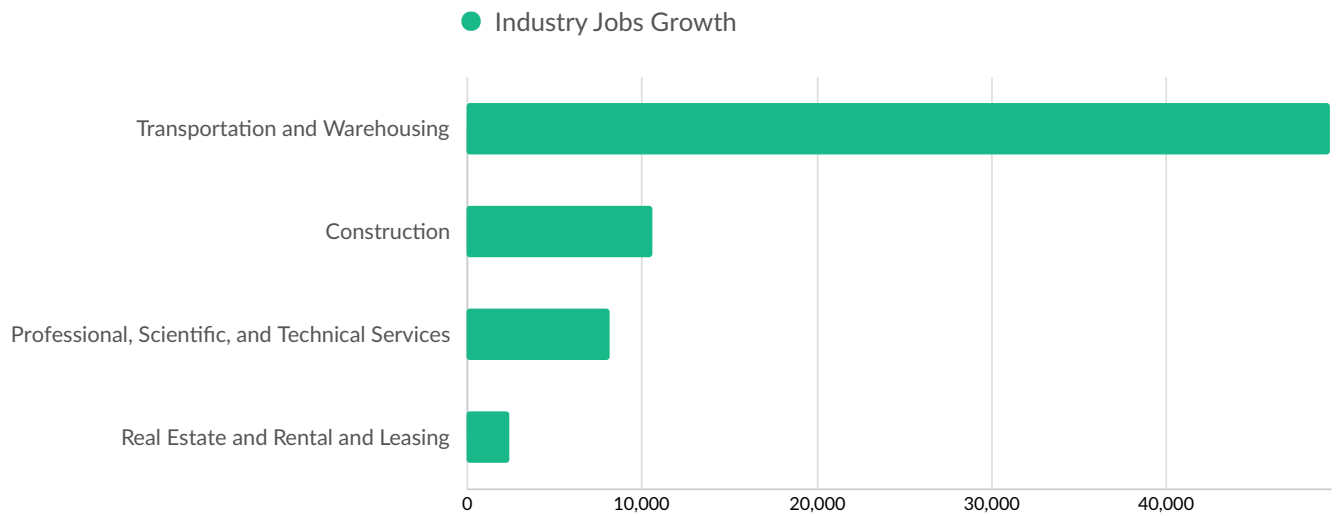
945

Industry Characteristics

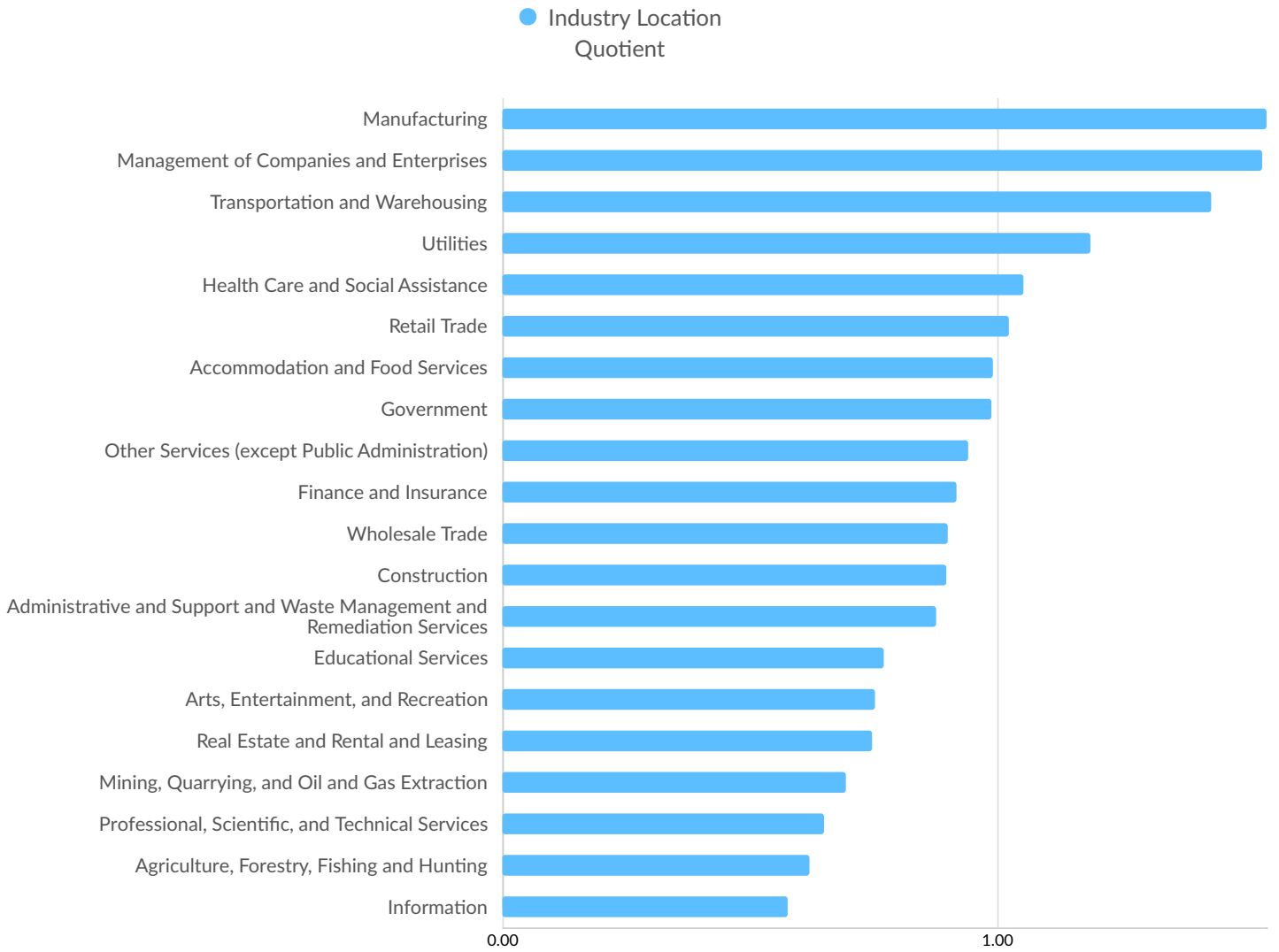
Largest Industries



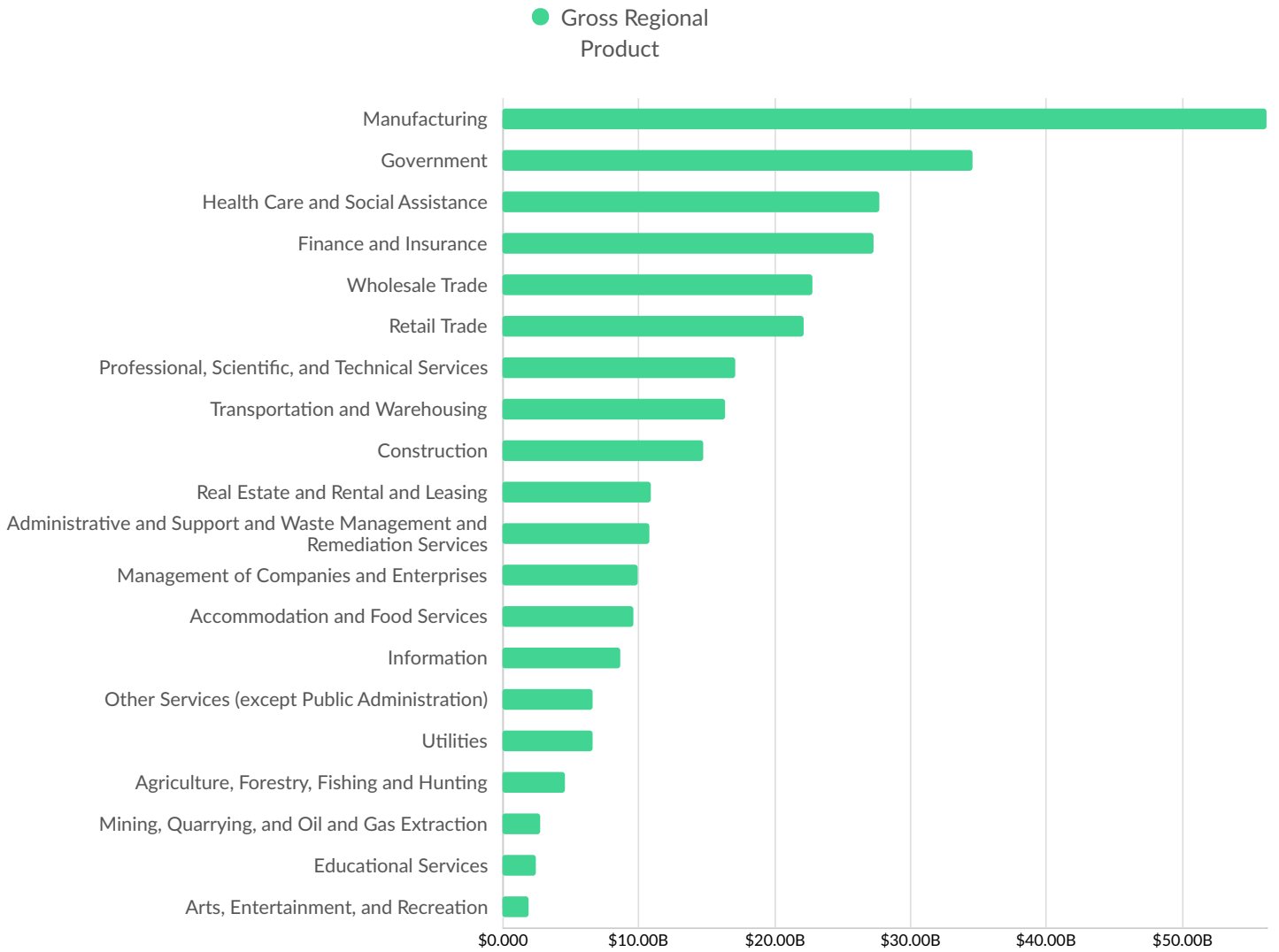
Top Growing Industries



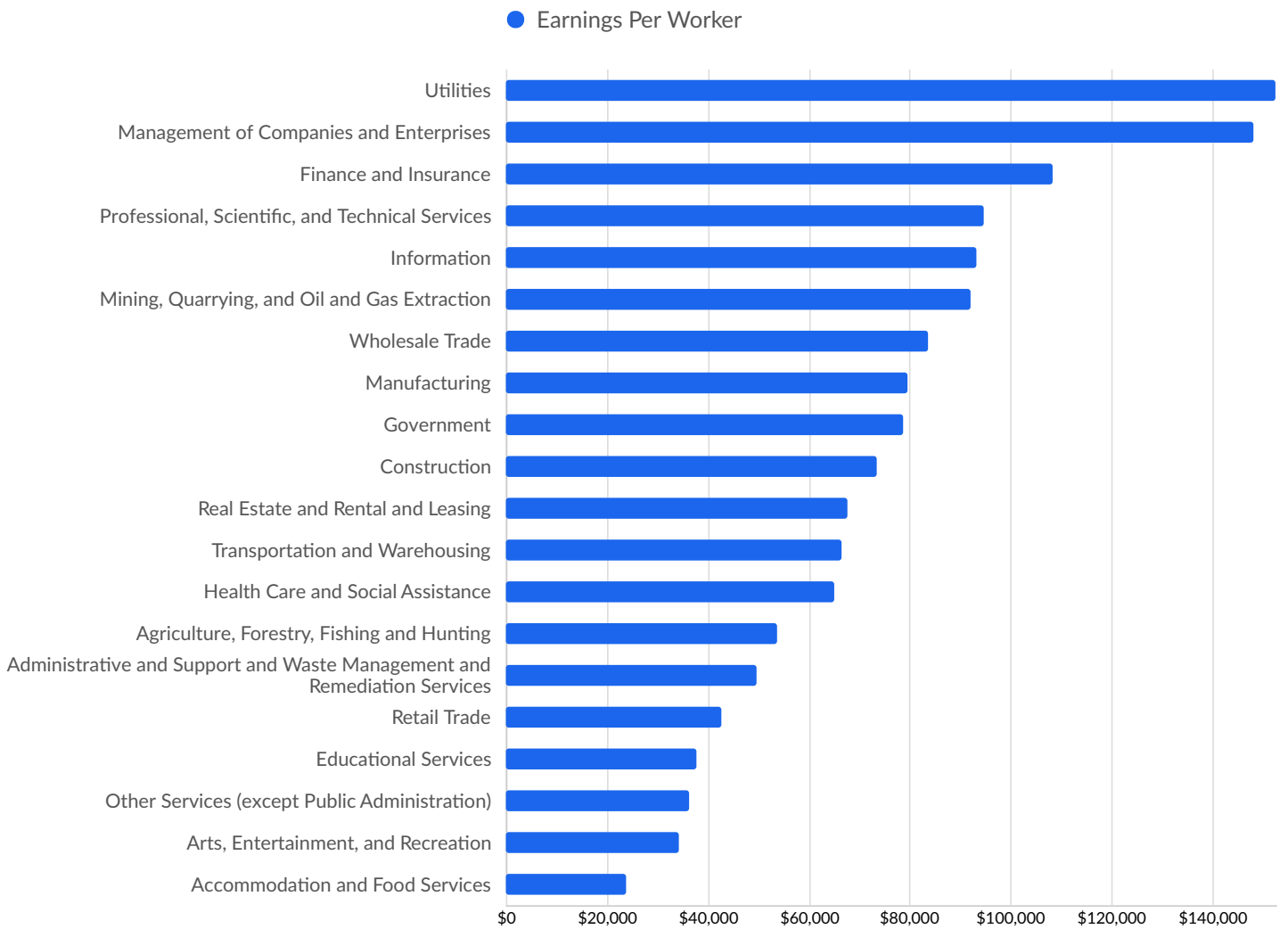
Top Industry Location Quotient



Top Industry GRP























Top Industry Earnings



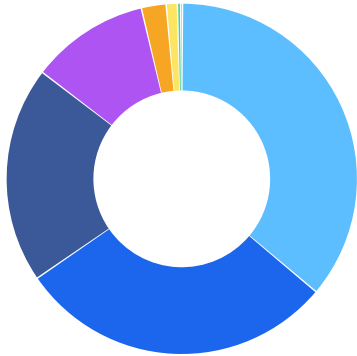
Business Characteristics

207,329 Companies Employ Your Workers

Online profiles for your workers mention 207,329 companies as employers, with the top 10 appearing below. In the last 12 months, 30,185 companies in your area posted job postings, with the top 10 appearing below.

Top Companies	Profiles	Top Companies Posting	Unique Postings
Ohio State University	29,770 	Ohio State University	8,574 
JPMorgan Chase	15,919 	Randstad	6,681 
OhioHealth	10,917 	JPMorgan Chase	6,482 
Nationwide	10,196 	OhioHealth	6,280 
Nationwide Children's Hospital	8,032 	Walmart	4,660 
The Ohio State University Wexn...	7,835 	Nationwide Children's Hospital	4,505 
Walmart	6,874 	Aerotek	4,041 
Huntington Bancshares	6,032 	ProMedica	3,592 
Cardinal Health	5,890 	Cleveland Clinic	3,188 
Honda	5,884 	Akron Children's Hospital	3,049 

Business Size

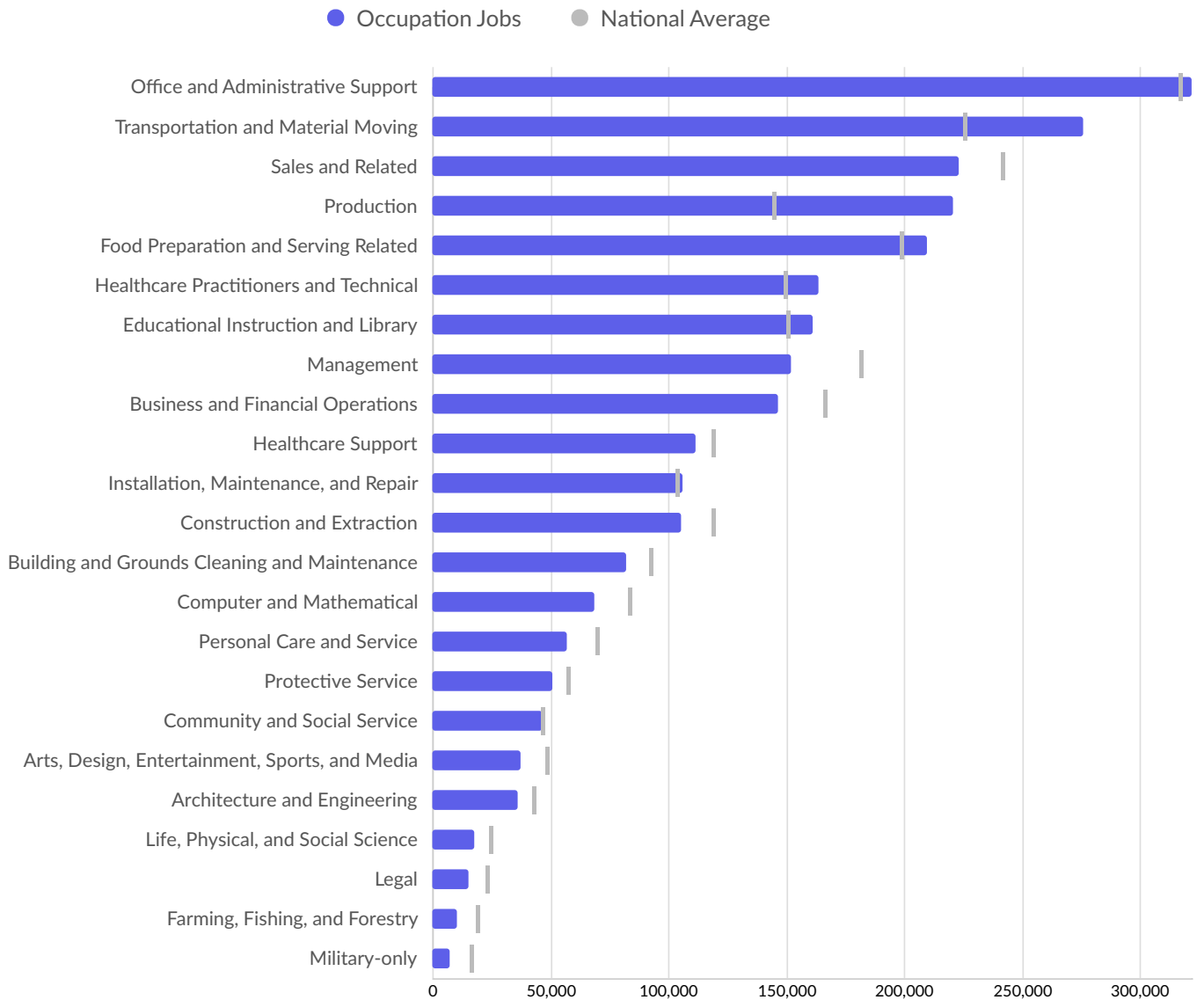


	Percentage	Business Count
● 1 to 4 employees	36.1%	68,287
● 5 to 9 employees	29.3%	55,464
● 10 to 19 employees	20.0%	37,799
● 20 to 49 employees	10.9%	20,665
● 50 to 99 employees	2.3%	4,320
● 100 to 249 employees	1.0%	1,944
● 250 to 499 employees	0.3%	561
● 500+ employees	0.2%	329

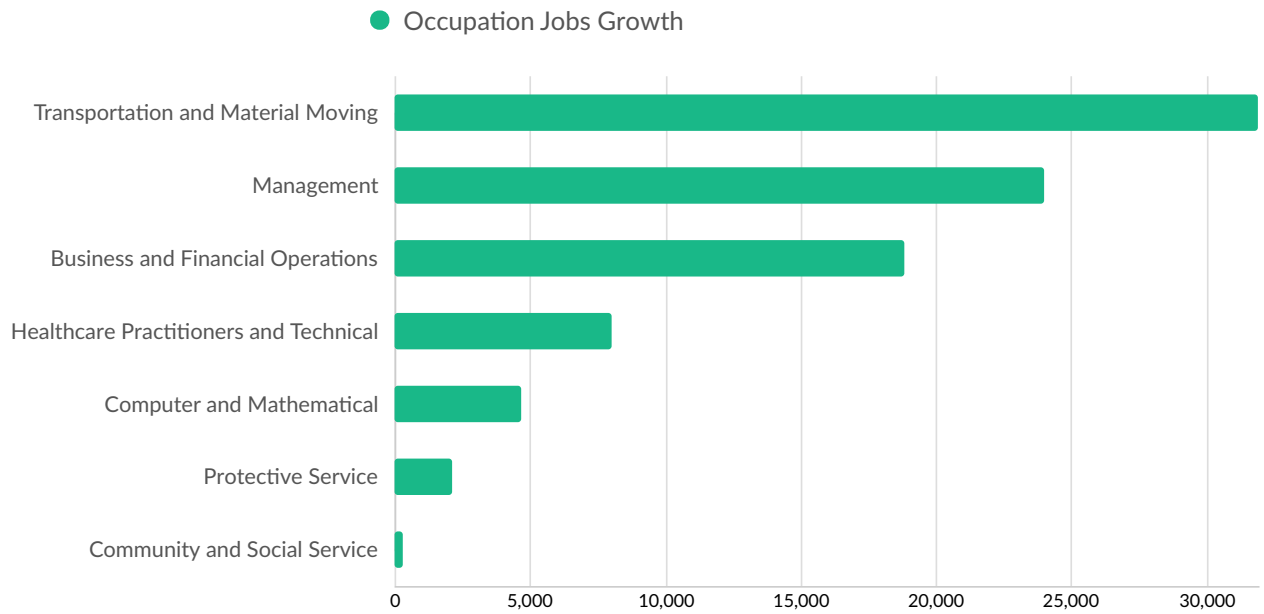
**Business Data by DatabaseUSA.com is third-party data provided by Lightcast to its customers as a convenience, and Lightcast does not endorse or warrant its accuracy or consistency with other published Lightcast data. In most cases, the Business Count will not match total companies with profiles on the summary tab.*

Workforce Characteristics

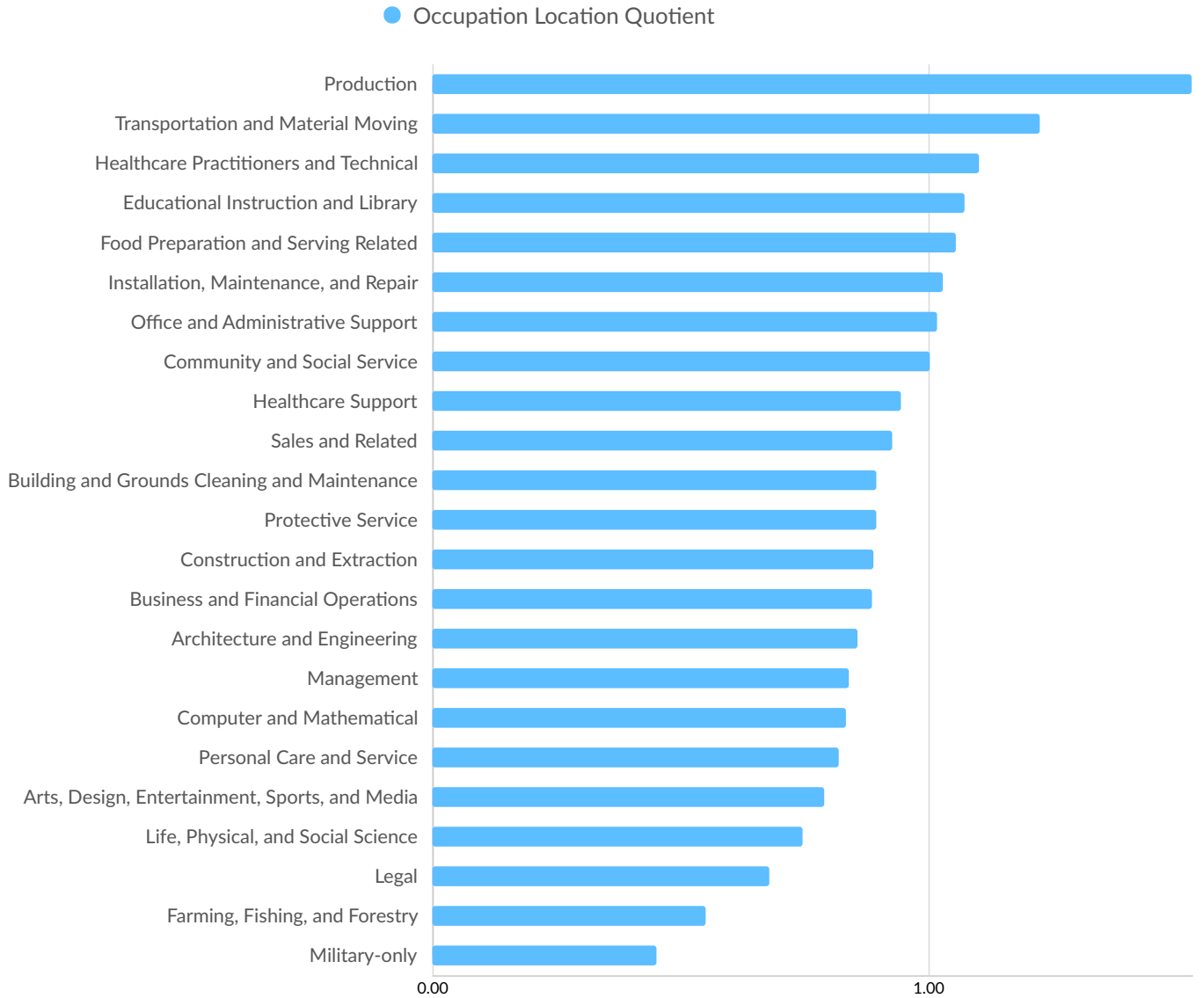
Largest Occupations



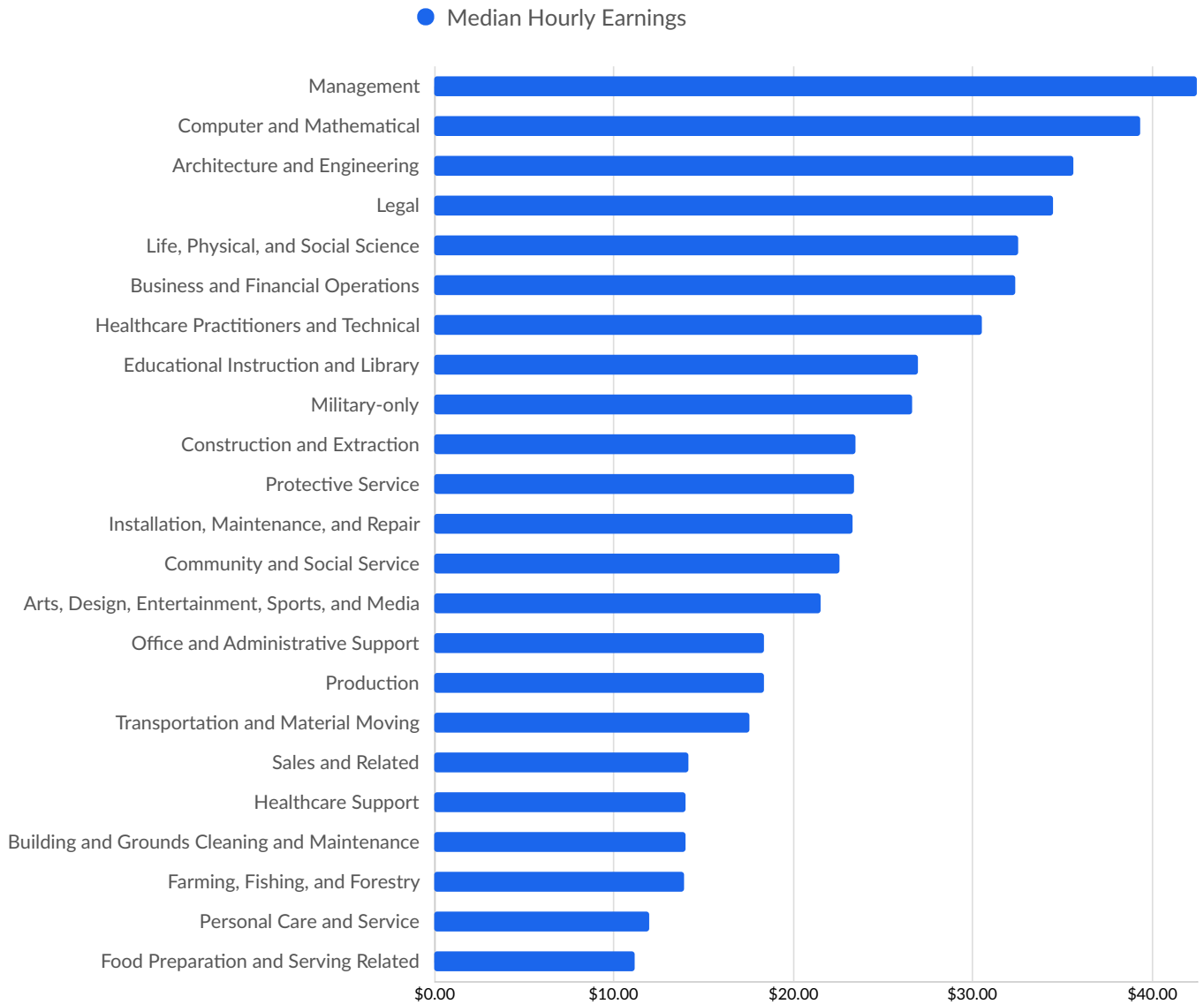
Top Growing Occupations



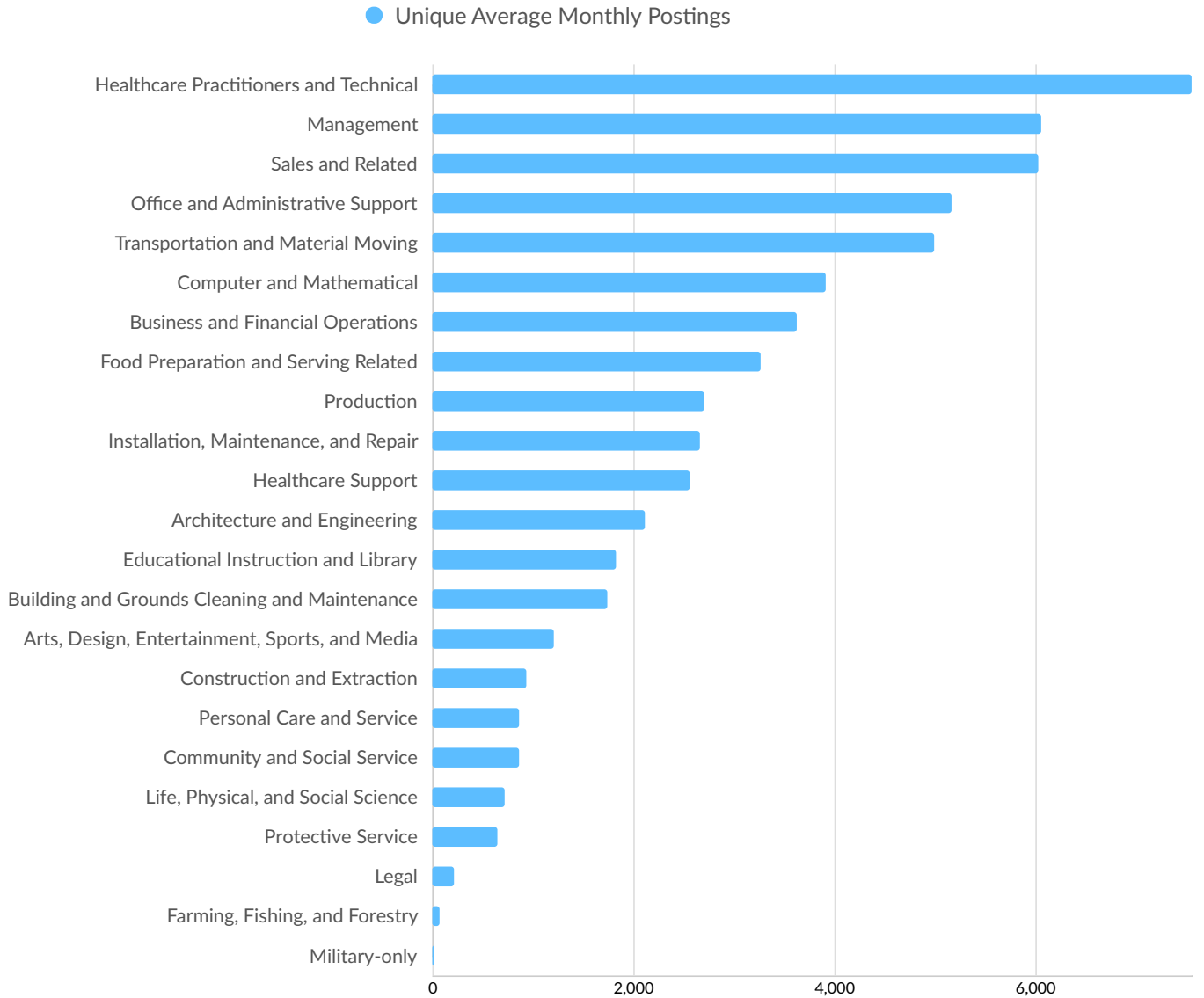
Top Occupation Location Quotient



Top Occupation Earnings



Top Posted Occupations

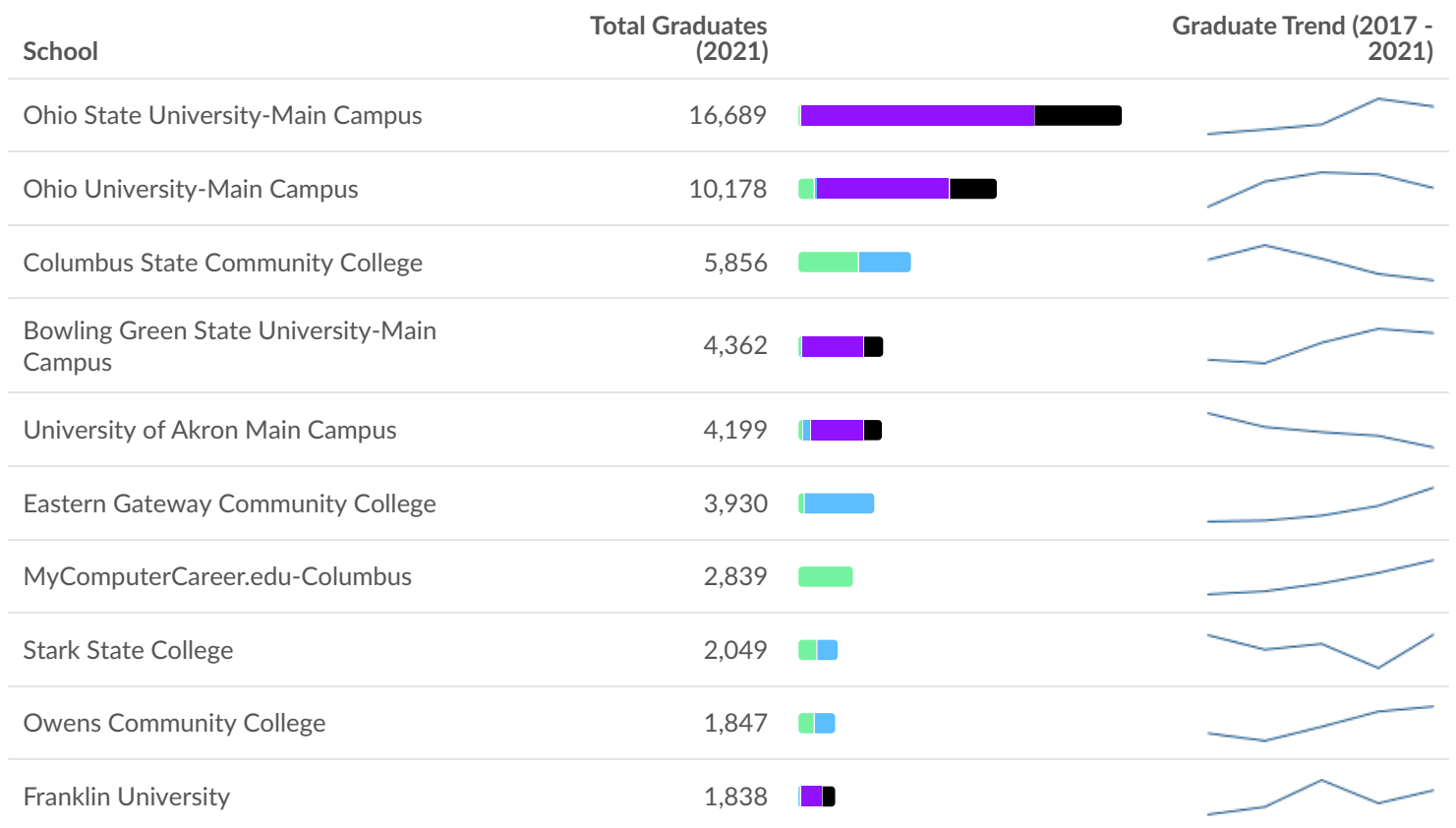


Underemployment

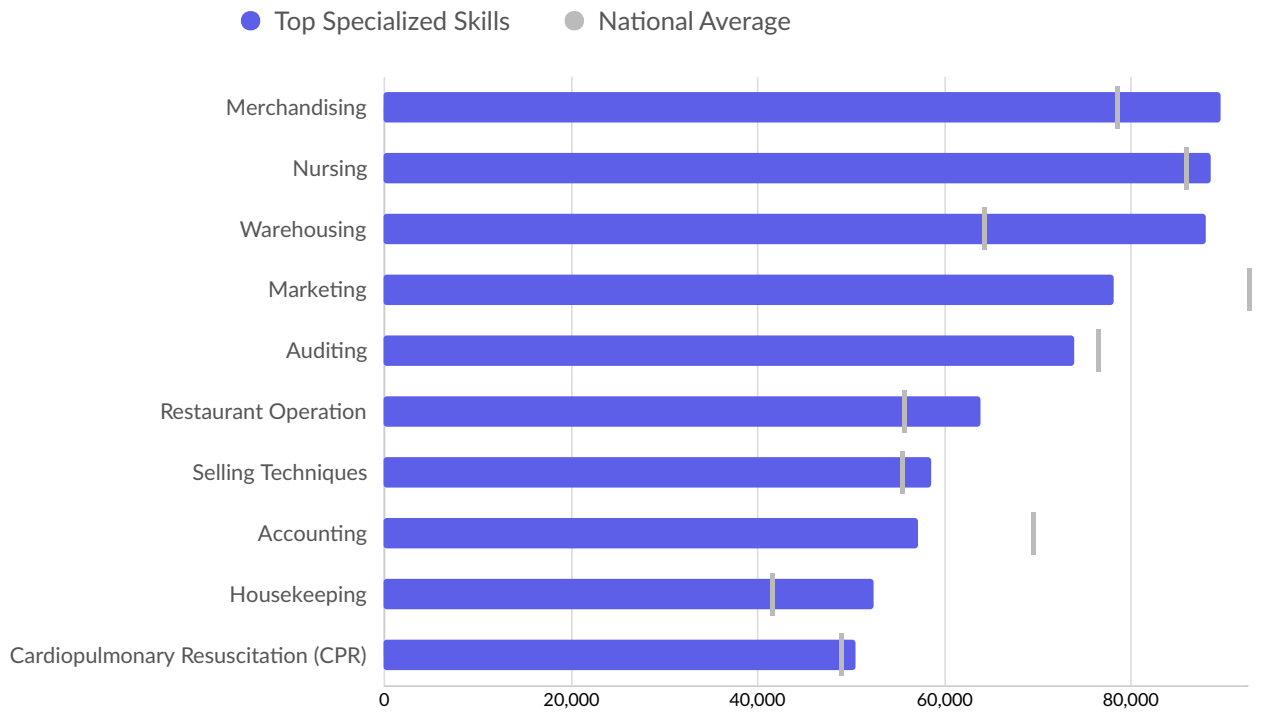


Educational Pipeline

In 2021, there were 85,650 graduates in AEP Ohio-Served Counties. This pipeline has grown by 5% over the last 5 years. The highest share of these graduates come from Registered Nursing/Registered Nurse, Registered Nursing/Registered Nurse, and Liberal Arts and Sciences/Liberal Studies.



In-Demand Skills



Appendix A (Geographies)

Code	Description
39001	Adams County, OH
39003	Allen County, OH
39005	Ashland County, OH
39009	Athens County, OH
39011	Auglaize County, OH
39013	Belmont County, OH
39015	Brown County, OH
39019	Carroll County, OH
39029	Columbiana County, OH
39031	Coshocton County, OH
39033	Crawford County, OH
39037	Darke County, OH

Code	Description
39039	Defiance County, OH
39041	Delaware County, OH
39045	Fairfield County, OH
39047	Fayette County, OH
39049	Franklin County, OH
39053	Gallia County, OH
39059	Guernsey County, OH
39063	Hancock County, OH
39065	Hardin County, OH
39067	Harrison County, OH
39069	Henry County, OH
39071	Highland County, OH

Code	Description
39073	Hocking County, OH
39075	Holmes County, OH
39077	Huron County, OH
39079	Jackson County, OH
39081	Jefferson County, OH
39083	Knox County, OH
39087	Lawrence County, OH
39089	Licking County, OH
39091	Logan County, OH
39097	Madison County, OH
39101	Marion County, OH
39105	Meigs County, OH

Code	Description
39111	Monroe County, OH
39115	Morgan County, OH
39117	Morrow County, OH
39119	Muskingum County, OH
39121	Noble County, OH
39125	Paulding County, OH
39127	Perry County, OH
39129	Pickaway County, OH
39131	Pike County, OH
39137	Putnam County, OH
39139	Richland County, OH
39141	Ross County, OH

Code	Description
39143	Sandusky County, OH
39145	Scioto County, OH
39147	Seneca County, OH
39151	Stark County, OH
39153	Summit County, OH
39157	Tuscarawas County, OH
39159	Union County, OH

Code	Description
39161	Van Wert County, OH
39163	Vinton County, OH
39167	Washington County, OH
39169	Wayne County, OH
39173	Wood County, OH
39175	Wyandot County, OH