



Occupation Report

Pharmacy Technicians

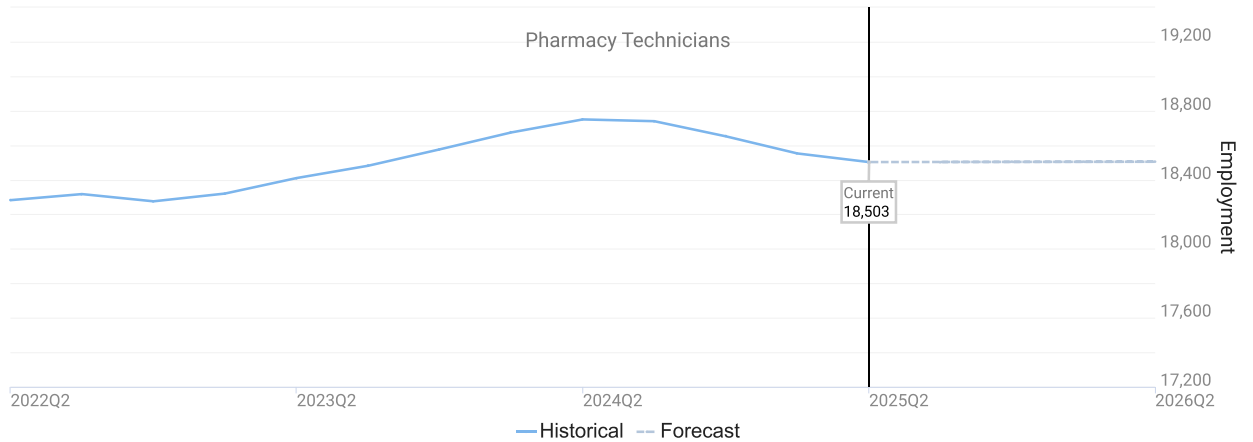
Ohio



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Occupation Snapshot



6-Digit Occupation	Empl	Avg Median Wages	LQ	3-Year Empl Change	Annual Demand	Forecast Ann Growth
Pharmacy Technicians	18,503	\$40,700	1.08	221	1,686	0.1%



- 💡 “Annual Demand” is the projected need for new entrants into an occupation. New entrants are needed due to expected growth and to replace workers who left the occupation due to factors such as retirement or switching careers.
- 💡 “Forecast Ann Growth” is the expected change in jobs due to national, long-term trend projections (per the BLS) as well as local factors such as industry mix and population growth (as computed and modeled by Chmura).

Employment by Industry



Industry Title	% of Occ Empl	Empl	10-Year Separations	10-Year Empl Growth	10-Year Total Demand
Health and Personal Care Retailers	47.4%	8,770	7,949	169	8,118
General Medical and Surgical Hospitals	22.2%	4,116	3,630	-149	3,481
Grocery and Convenience Retailers	6.9%	1,283	1,160	17	1,176
Warehouse Clubs, Supercenters, and Other General Merchandise Retailers	6.7%	1,232	1,118	26	1,144
Offices of Physicians	2.1%	390	348	-3	345
Department Stores	2.1%	389	352	8	360
Outpatient Care Centers	1.5%	282	268	35	303
Chemical and Allied Products Merchant Wholesalers	1.4%	266	242	9	251
Drugs and Druggists' Sundries Merchant Wholesalers	1.4%	258	245	31	276
Agencies, Brokerages, and Other Insurance Related Activities	1.2%	224	212	24	236
Employment Services	0.8%	152	134	-5	129
Management of Companies and Enterprises	0.8%	152	137	2	140
Specialty (except Psychiatric and Substance Abuse) Hospitals	0.7%	133	121	3	124
National Security and International Affairs	0.6%	114	98	-10	88
Specialty Food Retailers	0.6%	112	101	1	102
Insurance Carriers	0.5%	101	95	10	105
All Others	2.9%	531	484	16	500

-  The industry distribution indicates the industries in which workers in the occupation(s) are primarily found.
-  “10-Year Empl Growth” may show industries with positive as well as negative growth; this would indicate that the occupation(s) being examined are expected to expand within some industries while contracting in others.

Wages

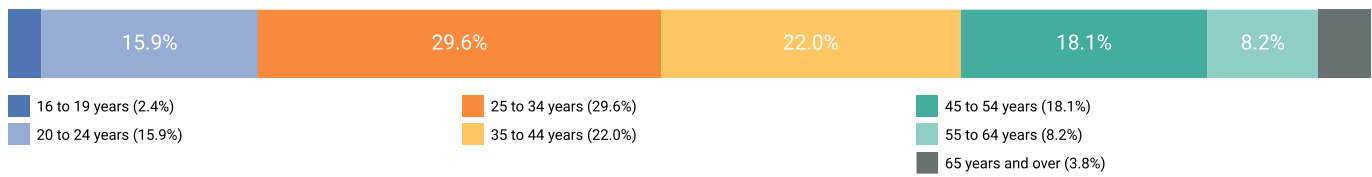


Occupation	Mean	Median	Entry Level	Experienced
Pharmacy Technicians	\$43,200	\$40,700	\$35,600	\$46,900

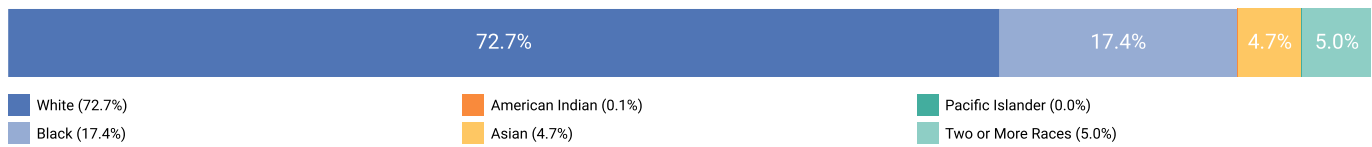
-  Occupation wages here utilize BLS OEWS data, imputed and brought forward by Chmura.
-  When this report is run for an occupation group, the table above displays up to the top ten detailed occupations which have the highest average wages within the occupation group.

Occupation Demographics

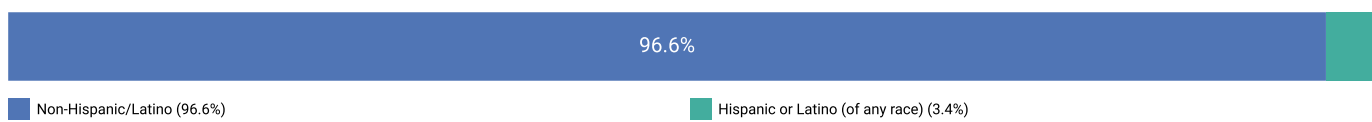
Age



Race



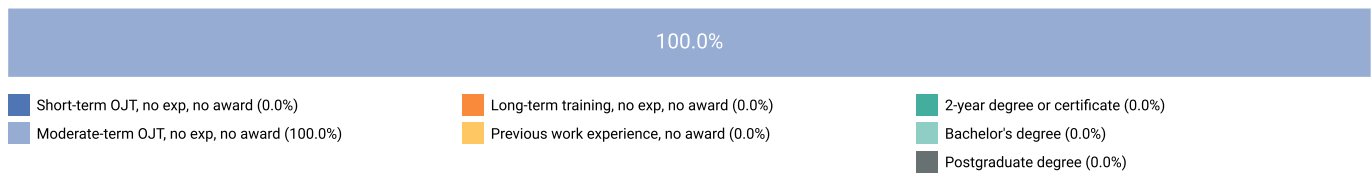
Ethnicity



Gender

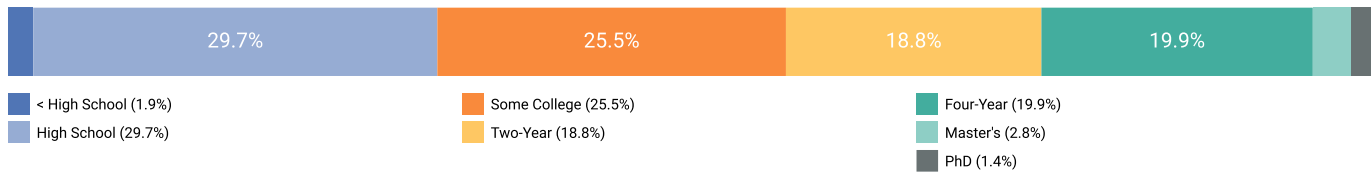


Education and Training Requirements



Education Profile

Educational Attainment




Occupation	Typical Entry-Level Education	Previous Work Experience	Typical On-the-Job Training
Pharmacy Technicians	High school diploma or equivalent	None	Moderate-term on-the-job training

 The stacked bar chart here illustrates the estimated mix of educational attainment of the workers in this occupation(s) in aggregate.

 The table indicates typical education and training requirements rather than the mix of attainment of workers in such positions.

Postsecondary Programs Linked to Pharmacy Technicians

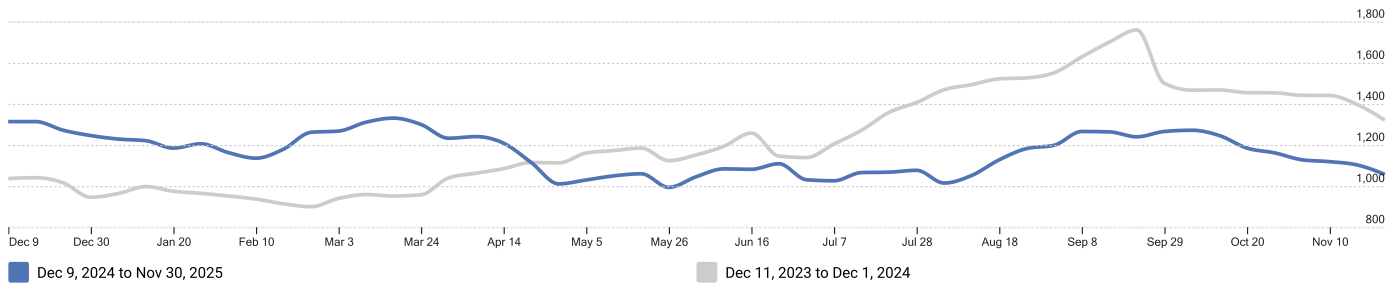
Program	Awards
Central Ohio Technical College	
Pharmacy Technician/Assistant	1
Columbus State Community College	
Pharmacy Technician/Assistant	14
Cuyahoga Community College District	
Pharmacy Technician/Assistant	7
Marion Technical College	
Pharmacy Technician/Assistant	0
North Central State College	
Pharmacy Technician/Assistant	2
Ross College-Sylvania	
Pharmacy Technician/Assistant	101
Scioto County Career Technical Center	
Pharmacy Technician/Assistant	12
Sinclair Community College	
Pharmacy Technician/Assistant	4
Warren County Career Center	
Pharmacy Technician/Assistant	1
Washington State College of Ohio	
Pharmacy Technician/Assistant	0


 The number of graduates from postsecondary programs in the region identifies the pipeline of future workers as well as the training capacity to support industry demand.

 Among postsecondary programs at schools located in Ohio, the sampling above identifies those most linked to Pharmacy Technicians. For a complete list see JobsEQ®, <http://www.chmuraecon.com/jobseq>

RTI (Job Postings)

Active Job Ads by Date



 Online job ads are a timely indicator of local demand. Occupation assignments shown below are made by Chmura based upon analysis of job titles and job descriptions. Top employers and listed job requirements are shown on the following pages.

Occupations

SOC	Occupation	Active Job Ads
29-2052.00	Pharmacy Technicians	7,144

Locations

Location	Active Job Ads	
Cincinnati, Ohio	355	
Columbus, Ohio	331	
Cleveland, Ohio	159	
Cleveland, OH, 44195, US	131	
Akron, Ohio	112	
Dayton, Ohio	103	
Westerville, Ohio	87	
Youngstown, Ohio	77	
Toledo, Ohio	75	
West Chester, Ohio	64	

Companies

Company	Active Job Ads	
CVS	2,155	
Kroger	582	
Cleveland Clinic	482	
Walmart	309	
Meijer	245	
Mercy Health	228	
Walgreens	223	
University Hospitals	208	
UCHealth	161	
RITE AID	116	

Hard Skills

Skill Name	Active Job Ads	
Pharmacy	3,560	
Mathematics	2,151	
Retail Sales	703	
Computer Terminals	502	
Microsoft Office	407	
Microsoft Excel	377	
Inventory Control	322	
Inventory Management	320	
Cash Registers	309	
Microsoft Outlook	272	

Job Titles

Job Title	Active Job Ads	
Pharmacy Technician	2,301	
PHARMACY/TECHNICIAN	461	
Pharmacy Intern	238	
Certified Pharmacy Technician	169	
Pharmacy Technician in Training	128	
Pharmacy Technician / Pharm Tech Apprenticeship	90	
Pharmacy Technician Trainee	80	
Pharmacy Technician - Inpatient	75	
Pharmacy Operations Manager	60	
Pharmacy Intern - Grad	54	

Education Levels

Minimum Education Level	Active Job Ads
High school diploma or equivalent	4,852
Bachelor's degree	133
Associate's degree	23
Unspecified/other	2,136

Programs

Program Name	Active Job Ads
Pharmacy	568
Business Administration	18
Healthcare	13
Business	11
Nursing	10
Science	7
Supply Chain Management	7
Pharmacy Technician	4
Education	3
Information Technology	3

Top Skill and Certification Gaps

Top 10 Skill Gaps in Ohio

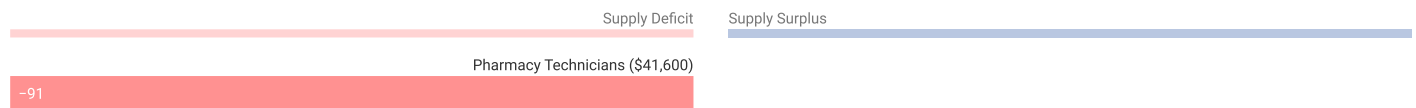
Name	Candidates	Openings	Gap
Pharmacy	608	697	-89
Inventory Management	63	105	-43
Retail Sales	173	206	-33
Medical Terminology	36	59	-24
Geriatric	2	20	-18
Electronic Health Record (EHR)	13	28	-15
Public Health	6	17	-12
Aseptic Technique	24	35	-11
Microsoft PowerPoint	16	24	-8
Microsoft Windows	0	6	-6



Top 10 Certification Gaps in Ohio

Name	Candidates	Openings	Gap
Certified Pharmacy Technician (CPT)	272	312	-40
Registered Pharmacy Technician (RPT)	56	93	-37
Certified Medical Coder (CMC)	0	1	-1
Licensed Practical Nurse (LPN)	0	1	-1
Pediatric Advanced Life Support (PALS)	0	1	0
First Aid Certification	1	0	1
Chemotherapy Certification	1	0	1
Foreign Pharmacy Graduate Examination Committee Certification (FPGEC)	1	0	1
Certification in Cardiopulmonary Resuscitation (CPR)	5	4	1
Registered Nurse (RN)	3	2	1

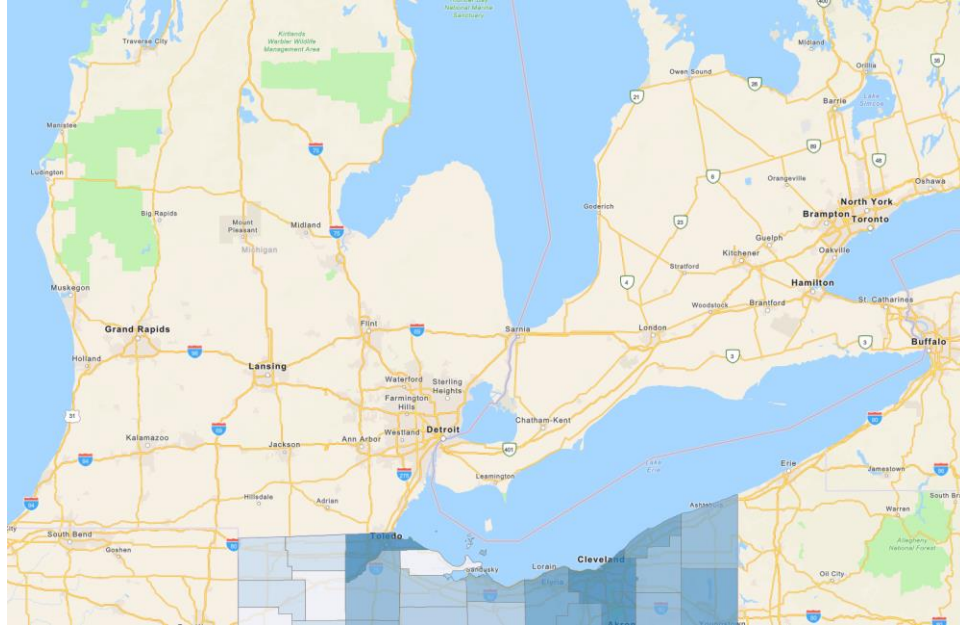
 Skill and certifications gaps can help inform employee development programs, as well as provide a comparison of the needs of regional employers to the supply.

Occupation Gaps



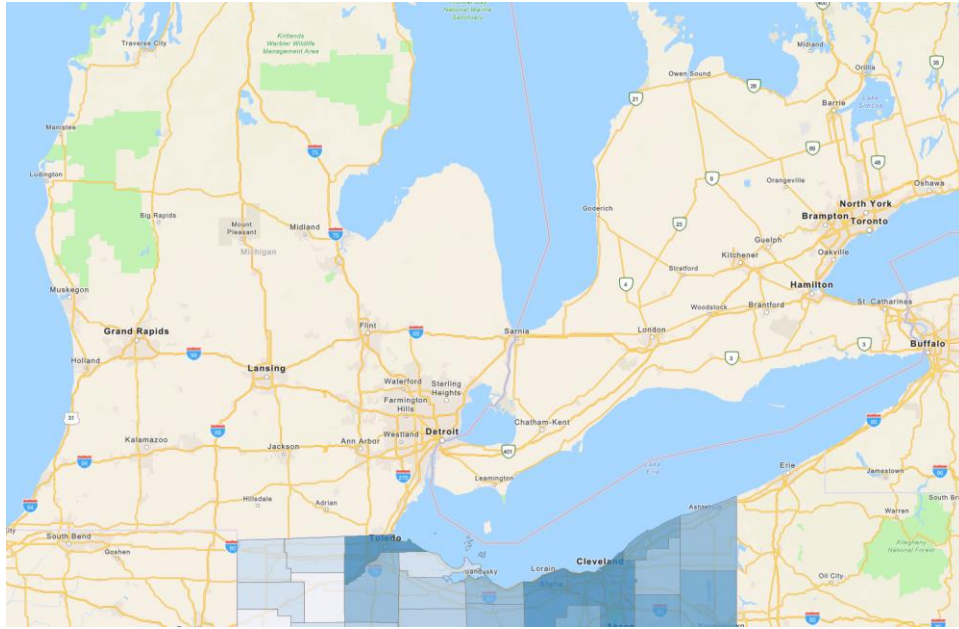
-  The above are the potential average annual gaps over 10 years. Many variables go into this analysis, but at its core it is based on a forecast comparing occupation demand growth to the local population growth and the projected educational attainment of those residents. When an area, for example, has an occupation expected to grow quickly but the educational requirement for the occupation does not match well with the educational attainment of its residents, there is a high potential for an occupation shortfall in the region. Alternatively, slow-growing or contracting occupations often represent potential supply surpluses.
-  The potential supply shortfall is an underlying force that the market needs to resolve one way or another, such as by employers recruiting from further distances for these occupations, wages going up to attract more candidates, and/or increased demand and wages enticing more local residents to get training for these occupations. While this an important analysis for determining local occupation needs, the occupation gap should be considered along with other regional data including growth and separation forecasts, unemployment rates, wage trends, and award and skill gap analyses.

Geographic Distribution



Top Counties by Place of Work for Pharmacy Technicians, 2025Q2

Region	Employment
Cuyahoga County, Ohio	2,960
Franklin County, Ohio	2,630
Hamilton County, Ohio	1,609
Summit County, Ohio	915
Montgomery County, Ohio	797
Lucas County, Ohio	607
Stark County, Ohio	543
Butler County, Ohio	519
Lorain County, Ohio	466
Mahoning County, Ohio	363

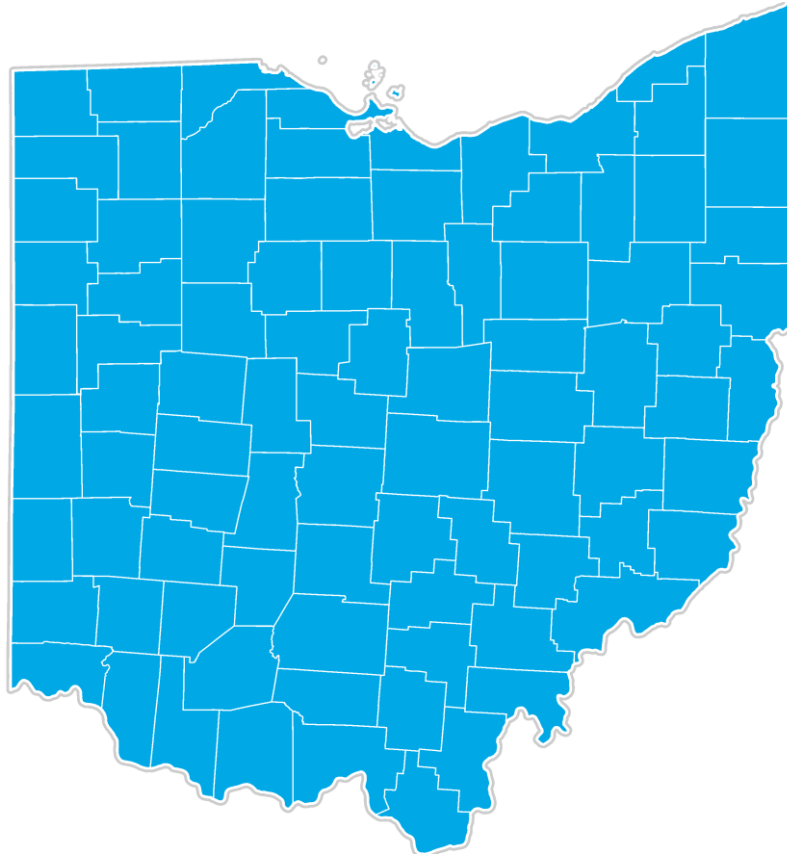


Top Counties by Place of Residence for Pharmacy Technicians, 2025Q2

Region	Employment
Cuyahoga County, Ohio	2,504
Franklin County, Ohio	2,140
Hamilton County, Ohio	1,255
Summit County, Ohio	914
Montgomery County, Ohio	910
Lorain County, Ohio	670
Stark County, Ohio	663
Lucas County, Ohio	601
Butler County, Ohio	555
Lake County, Ohio	511

💡 “Place of work” employment is based upon the location of employers for these workers. “Place of residence” data refers to the home locations of the workforce, which is typically the preferred data set to use when calculating labor availability within a drive-time or radius of a potential worksite.

Ohio Regional Map



Data Notes

- Occupation employment by default indicates employment by place of work. Occupation employment is as of 2025Q2 and is based on industry employment and local staffing patterns calculated by Chmura and utilizing BLS OEWS data. Employment forecasts are modeled by Chmura and are consistent with BLS national-level 10-year forecasts. Wages by occupation are as of 2025Q2, utilizing BLS OEWS data, imputed and brought forward by Chmura. Entry-level and experienced wages are derived from these source data, computed by Chmura.
- Industry employment is as of 2025Q2 and is based upon BLS QCEW data, imputed by Chmura where necessary, and supplemented by additional sources including Census ZBP data.
- Education and training requirements are from the BLS. Educational attainment mix and other occupation demographics data are modeled by Chmura for 2025Q2 using regional occupation employment from JobsEQ, ZCTA-level demographics data from the Census Bureau, and national occupation-demographics patterns from the BLS.
- Postsecondary awards are per the NCES and are for the 2023-2024 academic year. Any programs shown are linked with the occupation(s) being analyzed via the program-occupation crosswalk, which may not be comprehensive. Any programs shown reflect only data reported to the NCES; reporting is required of all Title IV schools. Training providers that do not report data to the NCES are not reflected.
- Job ads data are online job posts from the Real-Time Intelligence (RTI) data set, produced by Chmura and gleaned from over 49,000 websites. Data reflect ads active during the 12-month period ending 12/04/2025 and advertised for any Zip Code Tabulation Area in or intersecting with the region for which this report was produced. Historical ad volume is revised as additional data are made available and processed. Since many extraneous factors can affect short-term volume of online job postings, time-series data can be volatile and should be used with caution. All ad counts represent deduplicated figures and exclude ads from staffing companies.
- For skill and certification gaps, openings and candidates are based upon regional occupation demand (growth plus separations) and the percent of skill demand and supply. Skill demand mix data are per a one-year sample of RTI data; skill supply data are estimated using a five-year sample of resumes data; both data sets compiled as of March 2025. Data may be based, at least in part, on data from broader geographies; see the Skill Gaps analytic export for more details.
- Occupation gaps are modeled by Chmura, indicating long-term potential supply and demand mismatches in a region due, in part, to job demand and labor pool dynamics, including educational attainment and projected growth.
- Occupation employment by place of residence is as of 2025Q2 and modeled by Chmura based upon occupation employment by place of work and commuting patterns. Commuting patterns are derived from source data from the Census Bureau, occupation-specific commuting tendencies, and updated to reflect more recent population and employment estimates.
- Figures may not sum due to rounding.

FAQ

What is (LQ) location quotient?

Location quotient is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an industry (or occupation) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

What is annual demand?

Annual demand is the sum of the annual projected growth demand and separation demand. Separation demand is the number of jobs required due to separations—labor force exits (including retirements) and turnover resulting from workers moving from one occupation into another. Note that separation demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. Growth demand is the increase or decrease of jobs expected due to expansion or contraction of the overall number of jobs.