



Occupation Report

Farming, Fishing, and Forestry Occupations

El Dorado County, California

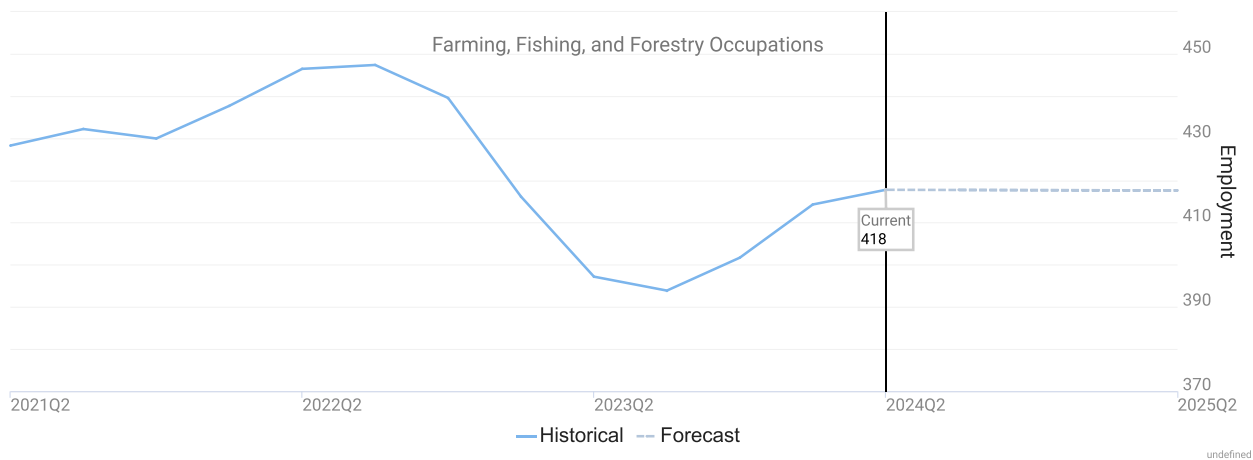


Greater Sacramento Economic Council

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Occupation Snapshot

6-Digit Occupation	Empl	Avg Mean Wages	LQ	3-Year Empl Change	Annual Demand	Forecast Ann Growth
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	244	\$38,500	1.14	23	36	-0.3%
Logging Equipment Operators	47	\$64,400	3.56	-22	6	-0.9%
First-Line Supervisors of Farming, Fishing, and Forestry Workers	31	\$63,800	1.27	-2	4	-0.1%
Farmworkers, Farm, Ranch, and Aquacultural Animals	25	\$43,500	0.41	2	4	-0.4%
Agricultural Equipment Operators	19	\$43,200	0.80	1	3	0.5%
Fallers	11	\$91,600	4.02	-6	1	-1.4%
Logging Workers, All Other	9	\$47,400	5.28	-7	1	-1.2%
Forest and Conservation Workers	8	\$33,800	1.82	1	2	-0.3%
Graders and Sorters, Agricultural Products	7	\$39,400	0.55	0	1	-0.8%
Agricultural Workers, All Other	5	\$69,900	1.06	0	1	0.1%
Remaining Component Occupations	12	\$51,000	0.82	0	2	-0.3%
Farming, Fishing, and Forestry Occupations	418	\$46,000	1.11	-10	61	-0.3%




💡 “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).

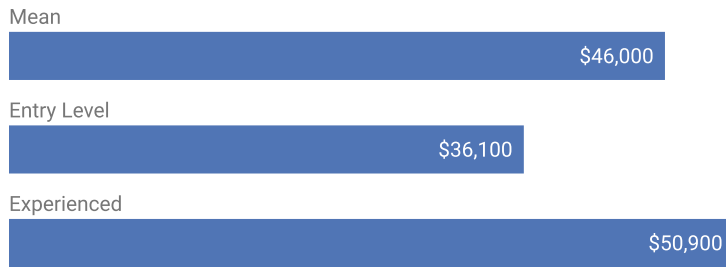
Employment by Industry

Industry Title	% of Occ Empl	Empl	10-Year Separations	10-Year Empl Growth	10-Year Total Demand
Support Activities for Crop Production	20.6%	86	130	-1	129
Fruit and Tree Nut Farming	20.1%	84	125	-3	122
Logging	16.8%	70	95	-7	88
Crop Production (Proprietors)	7.4%	31	45	-2	43
Support Activities for Animal Production	4.2%	17	26	0	25
Lawn and Garden Equipment and Supplies Retailers	3.8%	16	24	0	24
Beverage Manufacturing	3.8%	16	26	3	29
Greenhouse, Nursery, and Floriculture Production	2.8%	11	17	0	17
Services to Buildings and Dwellings	2.2%	9	14	0	14
Vegetable and Melon Farming	1.5%	6	9	0	9
Other Miscellaneous Retailers	1.3%	5	8	0	8
Administration of Environmental Quality Programs	1.0%	4	7	0	7
Other Amusement and Recreation Industries	1.0%	4	6	0	6
Fishing	0.8%	3	4	0	4
Other Animal Production	0.8%	3	5	0	4
Grocery and Convenience Retailers	0.7%	3	4	0	4
Petroleum and Petroleum Products Merchant Wholesalers	0.6%	3	4	0	4
Miscellaneous Nondurable Goods Merchant Wholesalers	0.6%	3	4	0	4
Water, Sewage and Other Systems	0.6%	2	4	0	4
Cattle Ranching and Farming	0.6%	2	3	0	3
All Others	9.0%	38	59	-1	59

 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
Fallers	\$91,600	\$78,600	\$55,000	\$110,000
Agricultural Workers, All Other	\$69,900	\$81,200	\$47,900	\$80,900
Logging Equipment Operators	\$64,400	\$63,300	\$51,400	\$70,900
First-Line Supervisors of Farming, Fishing, and Forestry Workers	\$63,800	\$58,400	\$44,700	\$73,400
Animal Breeders	\$52,700	\$50,800	\$37,700	\$60,200
Log Graders and Scalers	\$51,600	\$51,300	\$41,200	\$56,700
Agricultural Inspectors	\$50,200	\$45,400	\$38,300	\$56,100
Logging Workers, All Other	\$47,400	\$43,300	\$39,000	\$51,600
Farmworkers, Farm, Ranch, and Aquacultural Animals	\$43,500	\$39,400	\$35,300	\$47,600
Agricultural Equipment Operators	\$43,200	\$39,800	\$36,600	\$46,400



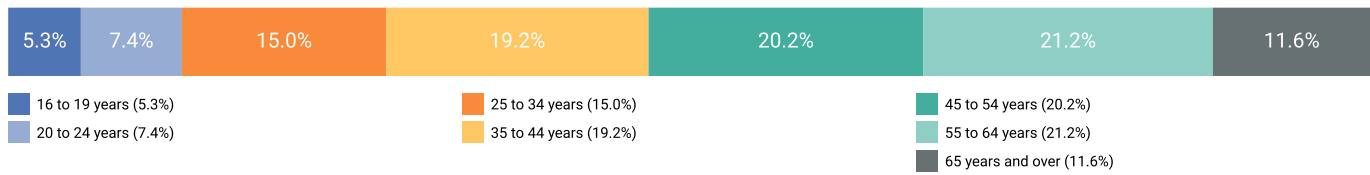
Occupation wages here utilize BLS OEWS data, imputed and brought forward by Chmura.



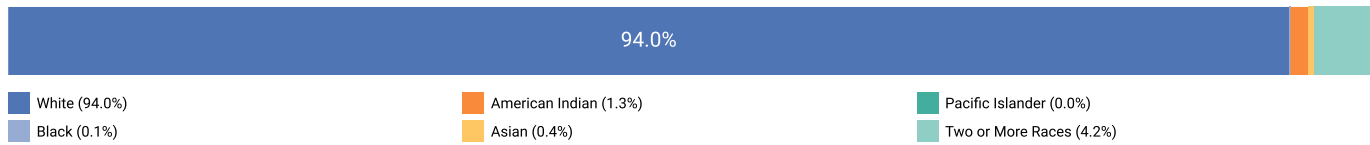
When this report is run for an occupation group, the table above displays up to the top ten detailed occupations which have the highest average wages within the occupation group.

Occupation Demographics

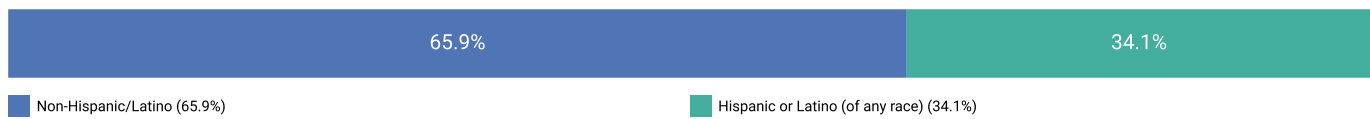
Age



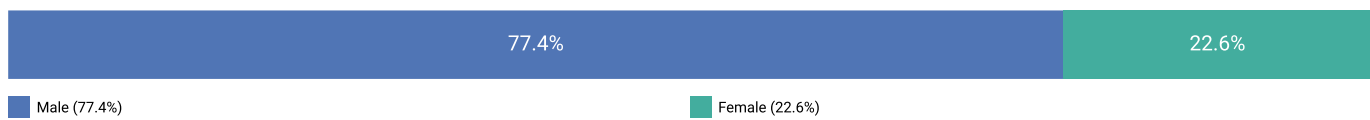
Race



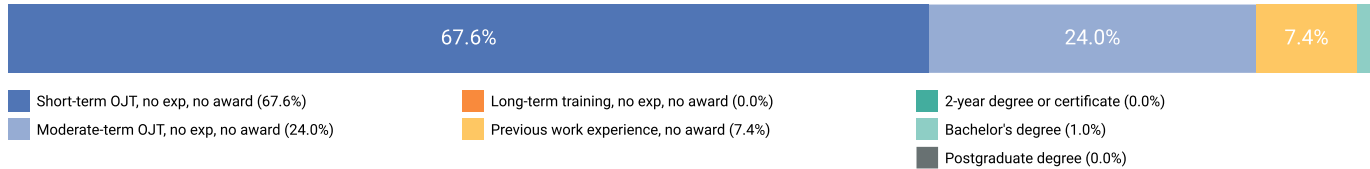
Ethnicity



Gender

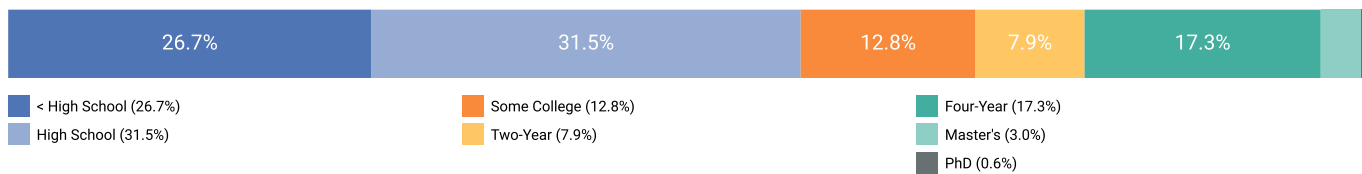


Education and Training Requirements



Education Profile

Educational Attainment





Occupation	Typical Entry-Level Education	Previous Work Experience	Typical On-the-Job Training
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	None	None	Short-term on-the-job training
Logging Equipment Operators	High school diploma or equivalent	None	Moderate-term on-the-job training
First-Line Supervisors of Farming, Fishing, and Forestry Workers	High school diploma or equivalent	Less than 5 years	None
Farmworkers, Farm, Ranch, and Aquacultural Animals	None	None	Short-term on-the-job training
Agricultural Equipment Operators	None	None	Moderate-term on-the-job training
Fallers	High school diploma or equivalent	None	Moderate-term on-the-job training
Logging Workers, All Other	High school diploma or equivalent	None	Moderate-term on-the-job training
Forest and Conservation Workers	High school diploma or equivalent	None	Moderate-term on-the-job training
Graders and Sorters, Agricultural Products	None	None	Short-term on-the-job training
Agricultural Workers, All Other	None	None	Short-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.

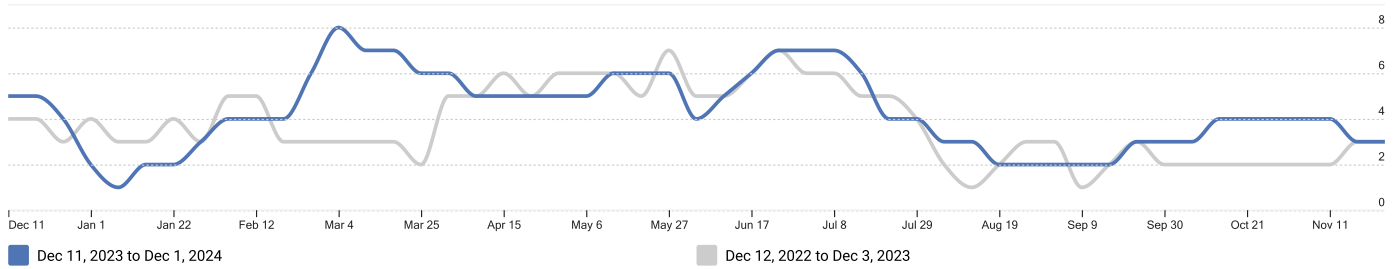
Postsecondary Programs Linked to Farming, Fishing, and Forestry Occupations

	Program	Awards
Lake Tahoe Community College		
	Forestry, General	5

-  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 El Dorado County, California, the sampling above identifies those most linked to Farming, Fishing, and Forestry Occupations. 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
45-2011.00	Agricultural Inspectors	11
45-4011.00	Forest and Conservation Workers	8
45-1011.00	First-Line Supervisors of Farming, Fishing, and Forestry Workers	2
45-2093.00	Farmworkers, Farm, Ranch, and Aquacultural Animals	1
45-4021.00	Fallers	1
45-4022.00	Logging Equipment Operators	1

Locations

Location	Active Job Ads
Placerville, CA 95667	5
Auburn, California	4
Auburn, CA 95603	3
El Dorado County, California	2
Placerville, California	2
2375 Fruitridge Rd, Camino, CA 95709	1
Cameron Park, CA 95682	1
Cameron Park, California	1
Camino, California	1
Georgetown, CA, 95634	1

Employers

Employer Name	Active Job Ads
Placer County	6
The County of El Dorado	5
American Conservation Experience	2
American Conservation Experience - EPIC	2
Ceres Environmental	2
Newport Healthcare	1
Petco	1
Sierra Nevada AmeriCorps Partnership	1
Sierra Pacific Industries	1
State of California CA Conservation Corps	1

Hard Skills

Skill Name	Active Job Ads	
Microsoft Excel	3	
Animal Care/Animal Handling	2	
Billing Software	2	
Report Writing/Report Preparation	2	
Teaching/Training, Job	2	
Ability to Lift 41-50 lbs.	1	
Ability to Lift 51-100 lbs.	1	
Adobe Acrobat	1	
Cash Handling (Cashier)	1	
Chain Saws	1	

Job Titles

Job Title	Active Job Ads	
Agricultural Biologist/Standards Inspector I/II/III	2	
Animal Care Supervisor	2	
YCC Crew Lead - Eldorado National Forest	2	
Agricultural & Standards Inspector - I - #2024-14501-01	1	
Agricultural & Standards Inspector - I/II/ Senior	1	
Agricultural & Standards Inspector - Senior	1	
Agricultural Biology Technician	1	
Agricultural Inspector Aide	1	
Agricultural Inspector I/II/ Senior	1	
Aquatics Technician - Eldorado National Forest	1	

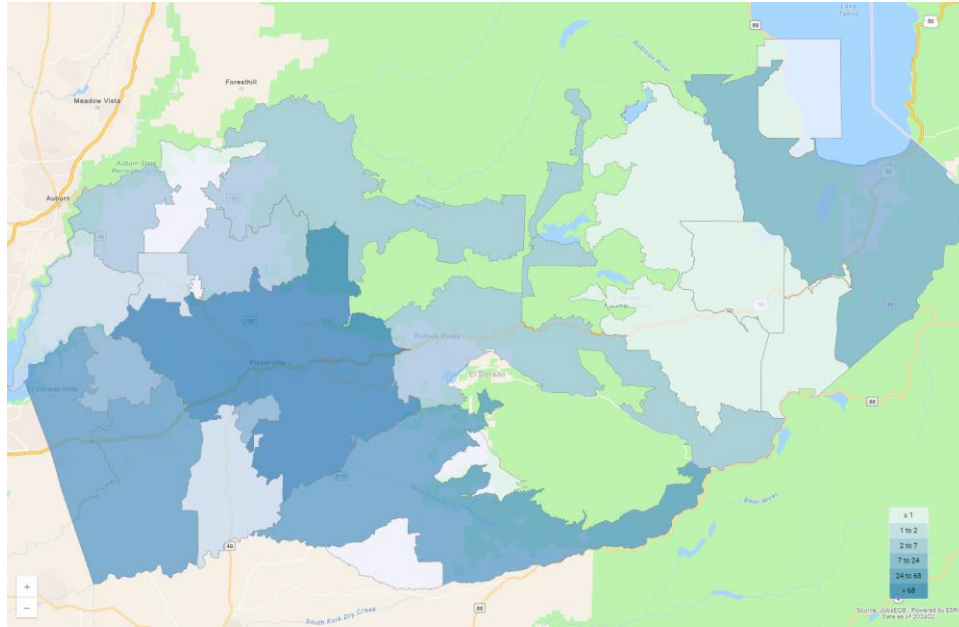
Education Levels

Minimum Education Level	Active Job Ads	
Bachelor's degree	10	
High school diploma or equivalent	2	
Associate's degree	1	
Unspecified/other	11	

Programs

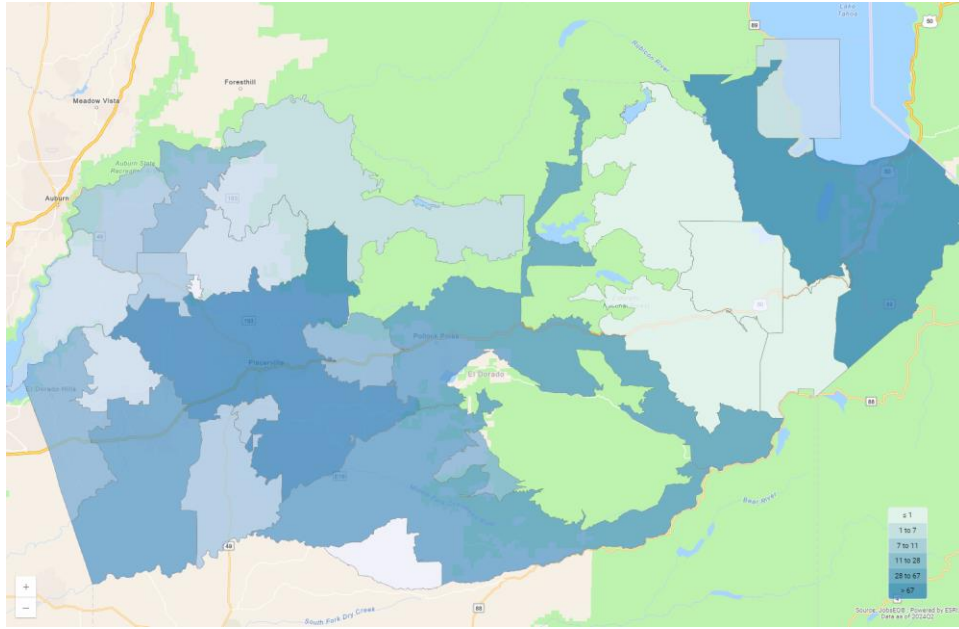
Program Name	Active Job Ads	
Natural Resource Management	5	
Chemical	3	
Physical Science	3	
Agriculture	2	
Biology	2	
Forestry	2	
Recreation	2	
Education	1	
Environmental Science	1	
Marketing	1	

Geographic Distribution



Top ZCTAs by Place of Work for Farming, Fishing, and Forestry Occupations, 2024Q2

Region	Employment
ZCTA 95667	161
ZCTA 95709	68
ZCTA 95684	65
ZCTA 95682	36
ZCTA 95762	24
ZCTA 96150	22
ZCTA 95619	9
ZCTA 95672	7
ZCTA 95614	7
ZCTA 95726	7

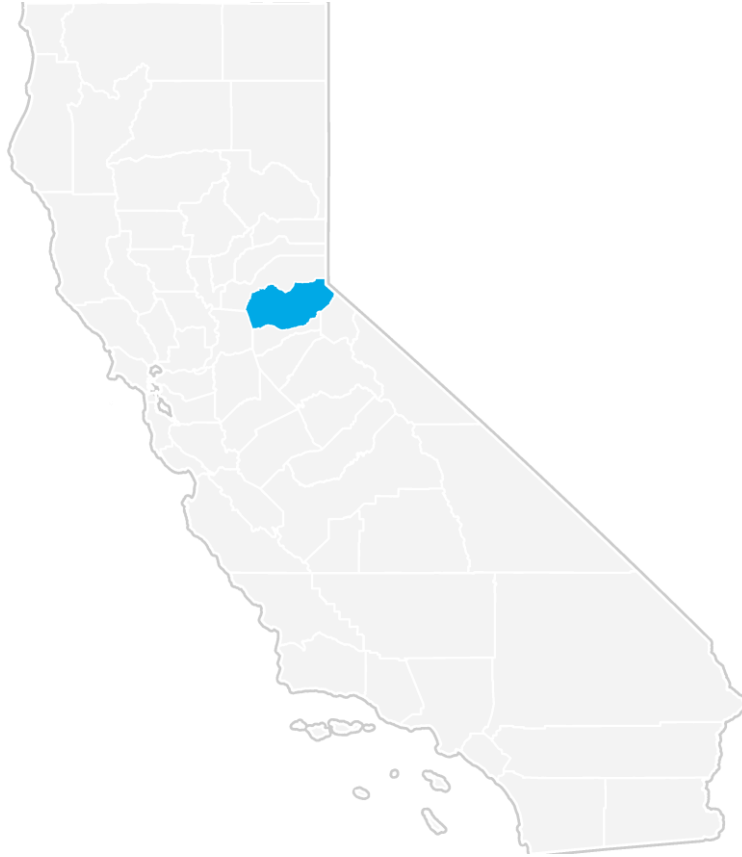


Top ZCTAs by Place of Residence for Farming, Fishing, and Forestry Occupations, 2024Q2

Region	Employment
ZCTA 95667	180
ZCTA 96150	68
ZCTA 95684	42
ZCTA 95682	32
ZCTA 95726	28
ZCTA 95709	28
ZCTA 95762	25
ZCTA 95636	12
ZCTA 95635	11
ZCTA 95651	10

💡 “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.

El Dorado County, California Regional Map



Data Notes

- Occupation employment by default indicates employment by place of work. Occupation employment is as of 2024Q2 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 2024Q2, 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 2024Q2 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 2024Q2 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 2022-2023 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 40,000 websites. Data reflect ads active during the 12-month period ending 12/10/2024 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 July 2022. 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 2024Q2 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.