



Occupation Report

Clinical and Counseling Psychologists

Sacramento-Roseville-Folsom, CA MSA

A horizontal line with three circular markers: a blue circle on the left, a dark blue circle in the middle, and a grey circle on the right.

Occupation Snapshot 3

Employment by Industry 4

Wages 5

Occupation Demographics 6

Education Profile 7

Postsecondary Programs Linked to Clinical and Counseling Psychologists 8

RTI (Job Postings) 9

Top Skill and Certification Gaps 13

Occupation Gaps 14

Geographic Distribution 15

Sacramento-Roseville-Folsom, CA MSA Regional Map..... 17

Data Notes..... 18

Region Definition..... 19

FAQ..... 20

Occupation Snapshot

6-Digit Occupation	Empl	Avg Mean Wages	LQ	3-Year Empl Change	Annual Demand	Forecast Ann Growth
Clinical and Counseling Psychologists	760	\$126,400	1.64	168	61	1.3%



- 💡 “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).

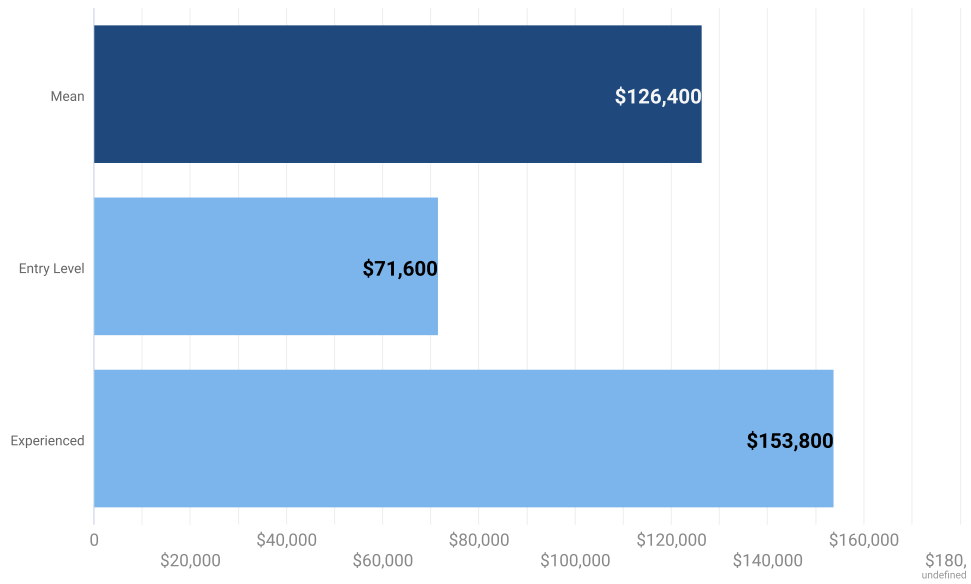
Employment by Industry

Industry Title	% of Occ Empl	Empl	10-Year Separations	10-Year Empl Growth	10-Year Total Demand
Offices of Other Health Practitioners	35.4%	269	186	48	234
Outpatient Care Centers	12.0%	91	64	20	84
Executive, Legislative, and Other General Government Support	9.0%	68	44	0	44
Individual and Family Services	6.8%	51	38	18	56
Offices of Physicians	5.4%	41	28	5	32
Administration of Human Resource Programs	5.2%	39	25	0	25
Administration of Environmental Quality Programs	4.4%	34	21	0	21
Administration of Economic Programs	4.3%	33	21	0	21
General Medical and Surgical Hospitals	4.2%	32	21	3	24
Justice, Public Order, and Safety Activities	4.1%	31	20	0	21
Colleges, Universities, and Professional Schools	2.0%	15	10	2	12
Psychiatric and Substance Abuse Hospitals	1.3%	10	7	3	10
Scientific Research and Development Services	1.0%	8	5	1	6
Residential Intellectual and Developmental Disability, Mental Health, and Substance Abuse Facilities	0.8%	6	4	1	5
Elementary and Secondary Schools	0.8%	6	4	1	4
All Others	3.4%	25	17	3	20

 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

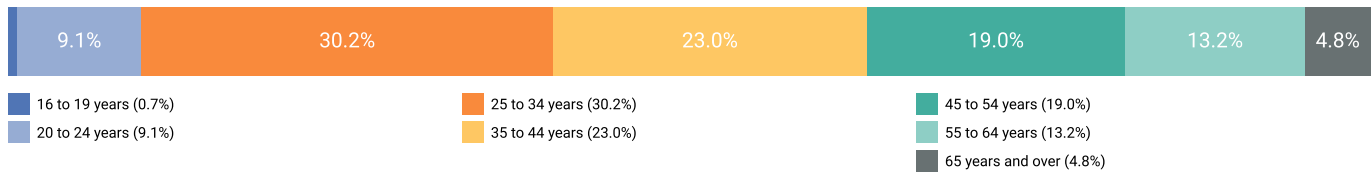


Occupation	Mean	Median	Entry Level	Experienced
Clinical and Counseling Psychologists	\$126,400	\$135,900	\$71,600	\$153,800

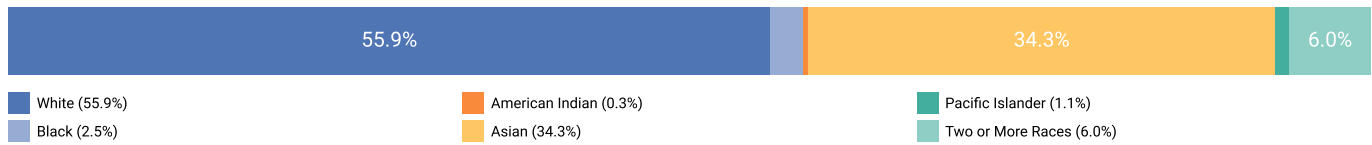
- 💡 Occupation wages here utilize BLS OEWS data, imputed and brought forward by Chmura.
- 💡 When this report is run for an occupation group, the table above displays up to the top ten detailed occupations which have the highest average wages within the occupation group.

Occupation Demographics

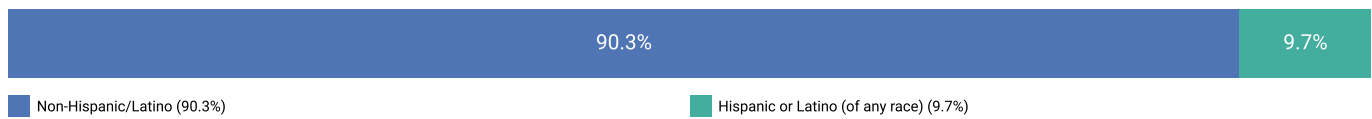
Age



Race



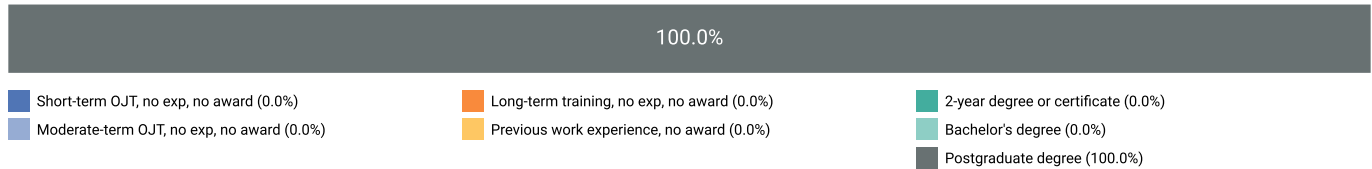
Ethnicity



Gender

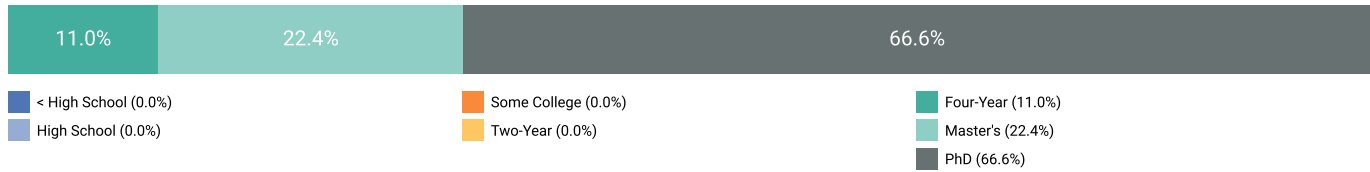


Education and Training Requirements



Education Profile

Educational Attainment





Occupation	Typical Entry-Level Education	Previous Work Experience	Typical On-the-Job Training
Clinical and Counseling Psychologists	Doctoral or professional degree	None	Internship/residency

 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.

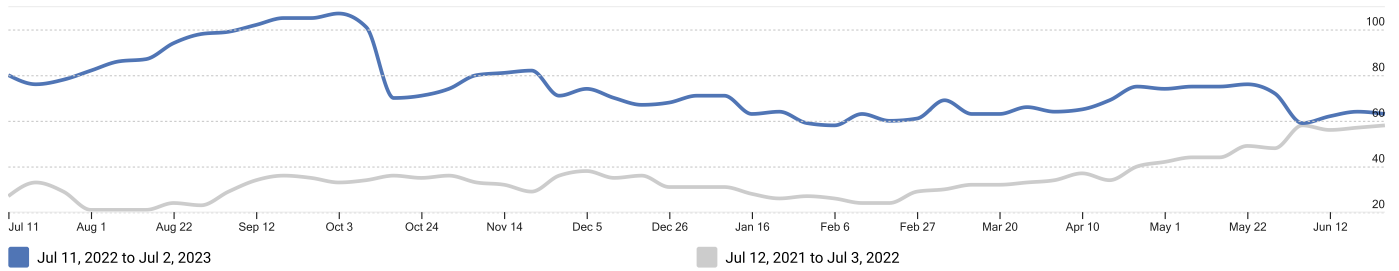
Postsecondary Programs Linked to Clinical and Counseling Psychologists

Program	Awards
American River College	
Psychology, General	172
California State University-Sacramento	
Psychology, General	609
Cosumnes River College	
Psychology, General	74
Folsom Lake College	
Psychology, General	98
Sacramento City College	
Psychology, General	160
Sierra College	
Psychology, General	435
University of California-Davis	
Psychology, General	23
William Jessup University	
Counseling Psychology	31
Psychology, General	55
Woodland Community College	
Psychology, General	33

- 
 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 the Sacramento-Roseville-Folsom, CA MSA, the sampling above identifies those most linked to Clinical and Counseling Psychologists. 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
19- 3033.00	Clinical and Counseling Psychologists	367

Locations

Location	Active Job Ads	
University of California Davis	61	
Sacramento, California	51	
Represa, California	26	
Sacramento County, California	24	
Mather AFB, California	18	
University of California Davis Health System	14	
Roseville, California	12	
Folsom, California	10	
Elk Grove, California	9	
Auburn, California	8	

Employers

Employer Name	Active Job Ads	
Davis, California	40	
Kaiser Permanente	34	
Sacramento, California	33	
Department of Veterans Affairs	28	
Staff Today Inc	26	
CA STATE HOSPITALS	14	
Healthcare Staffing Professionals, Inc	11	
Sierra Health and Wellness Centers	11	
CA CORRECTIONAL HEALTH CARE SERVICES	9	
State of California California Correctional Health Care Services	9	

Hard Skills

Skill Name	Active Job Ads	
Teaching/Training, Job	46	
Spanish	34	
The Diagnostic and Statistical Manual of Mental Disorders (DSM)	31	
Clinical Research	26	
Psychology	20	
Cognitive Behavioral Therapy	17	
Bilingual	16	
Telecommunications	14	
Forensic Science	13	
Mental Health	11	

Job Titles

Job Title	Active Job Ads	
NEW PSYCHOLOGIST	26	
Clinical Psychologist	21	
Psychologist	19	
Psychologist 2- SOM: Psychiatry & Behavioral Sciences- Sacramento Campus	13	
Psychologist 2 (Several Positions)- SOM: Psychiatry & Behavioral Sciences- Sacramento Campus	10	
CONSULTING PSYCHOLOGIST	9	
Psychologist Adult Team	9	
Consulting Psychologist	8	
Licensed Clinical Psychologist	8	
Psychologists, Correctional - \$95/hr	8	

Education Levels

Minimum Education Level	Active Job Ads	
Doctoral or professional degree	132	
Master's degree	22	
Bachelor's degree	3	
Unspecified/other	210	

Programs

Program Name	Active Job Ads	
Psychology	114	
Clinical Psychology	40	
Counseling Psychology	6	
Counseling	5	
Clinical	4	
School Psychology	3	
Audiology	2	
Gerontology	2	
Physical Therapy	2	
Public History	2	

Top Skill and Certification Gaps

Top 10 Skill Gaps in Sacramento-Roseville-Folsom, CA MSA

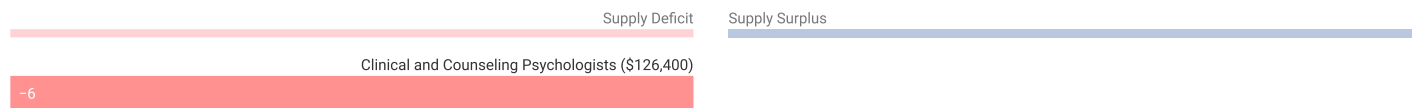
Name	Candidates	Openings	Gap
Teaching/Training, Job	6	10	-4
Electronic Health Record (EHR)	0	3	-3
Mandarin	0	2	-2
Working With Children	1	3	-2
The Diagnostic and Statistical Manual of Mental Disorders (DSM)	1	2	-2
Forensic Science	0	2	-2
Client Relations	0	1	-1
Cognitive Behavioral Therapy	0	1	-1
Spanish	2	3	0
Group Therapy	0	1	0



Top 10 Certification Gaps in Sacramento-Roseville-Folsom, CA MSA

Name	Candidates	Openings	Gap
Licensed Clinical Social Worker (LCSW)	0	5	-5
Certification in Cardiopulmonary Resuscitation (CPR)	2	6	-3
Licensed Professional Counselor (LPC)	0	2	-2
Basic Life Support (BLS)	0	1	-1
First Aid Certification	1	1	0

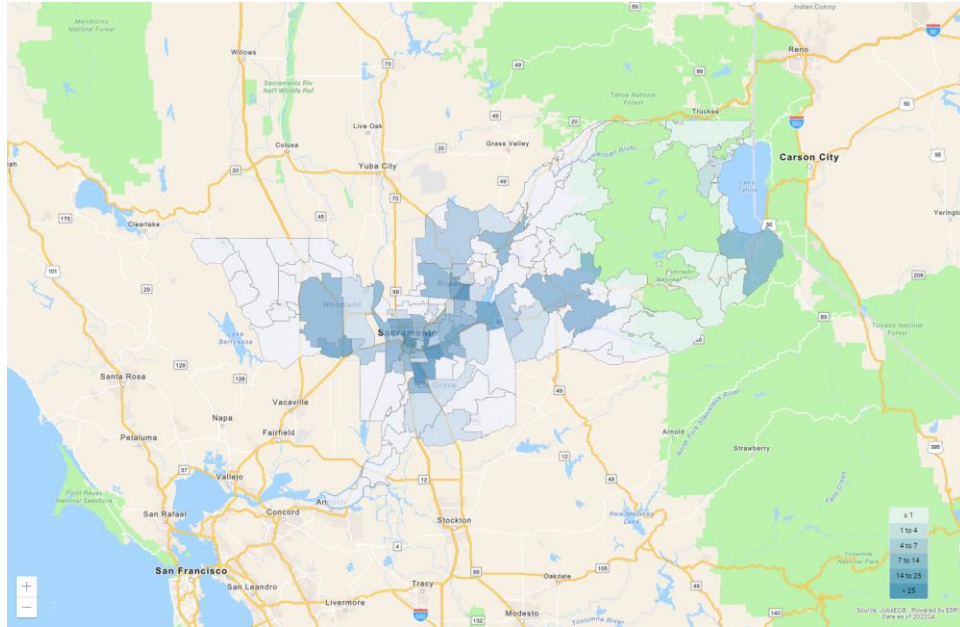
 Skill and certifications gaps can help inform employee development programs, as well as provide a comparison of the needs of regional employers to the supply.

Occupation Gaps



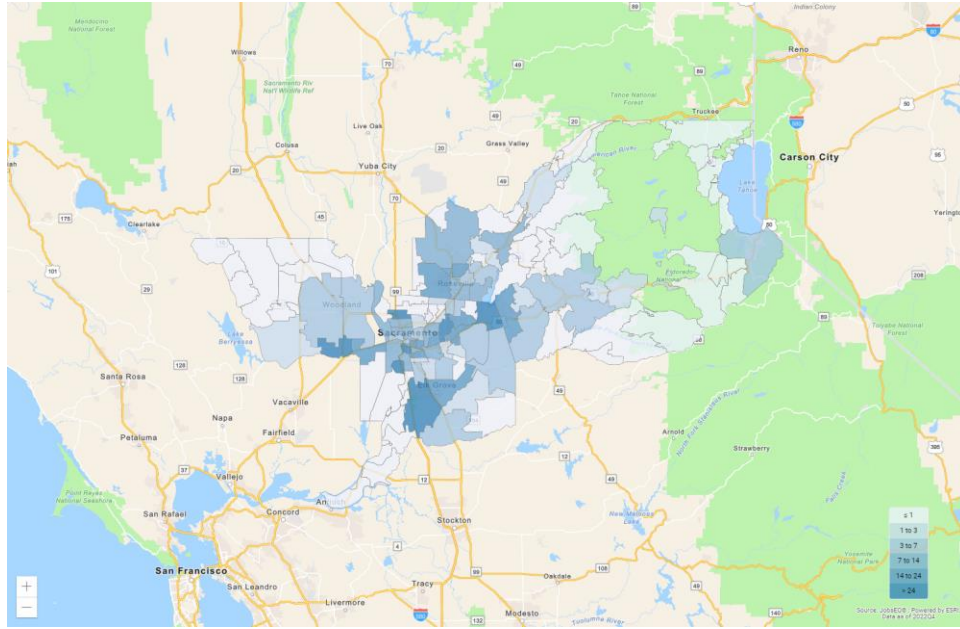
-  The above are the potential average annual gaps over 10 years. Many variables go into this analysis, but at its core it is based on a forecast comparing occupation demand growth to the local population growth and the projected educational attainment of those residents. When an area, for example, has 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 ZCTAs by Place of Work for Clinical and Counseling Psychologists, 2022Q4

Region	Employment
ZCTA 95814	106
ZCTA 95825	72
ZCTA 95811	32
ZCTA 95823	32
ZCTA 95816	29
ZCTA 95661	28
ZCTA 95826	25
ZCTA 95630	25
ZCTA 95817	22
ZCTA 95828	22

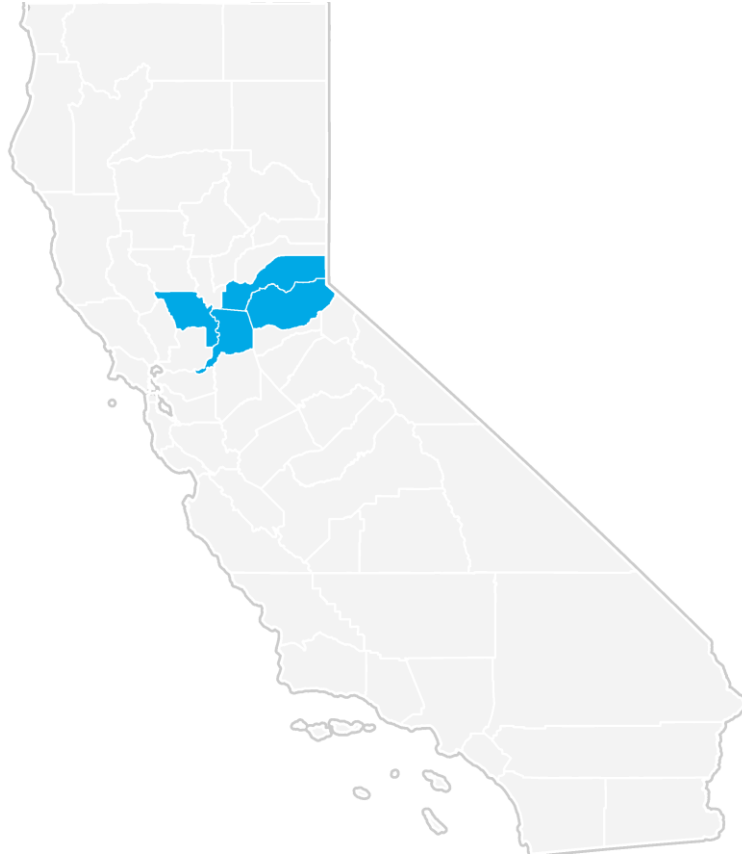


Top ZCTAs by Place of Residence for Clinical and Counseling Psychologists, 2022Q4

Region	Employment
ZCTA 95630	43
ZCTA 95616	42
ZCTA 95758	34
ZCTA 95831	31
ZCTA 95835	29
ZCTA 95757	28
ZCTA 95608	25
ZCTA 95818	24
ZCTA 95618 (Yolo County, CA portion)	24
ZCTA 95819	23

💡 “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.

Sacramento-Roseville-Folsom, CA MSA Regional Map



Data Notes

- Occupation employment by default indicates employment by place of work. Occupation employment is as of 2022Q4 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 2022Q4, 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 2022Q4 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 2022Q4 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 2020-2021 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 wholly by Chmura and gleaned from over 40,000 websites. Data reflect ads active during the last twelve month period ending 07/06/2023 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.
- 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 August 2021. 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 2022Q4 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.

Region Definition

Sacramento-Roseville-Folsom, CA MSA is defined as the following counties:

El Dorado County, California

Placer County, California

Sacramento County, California

Yolo County, California

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 a of 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.