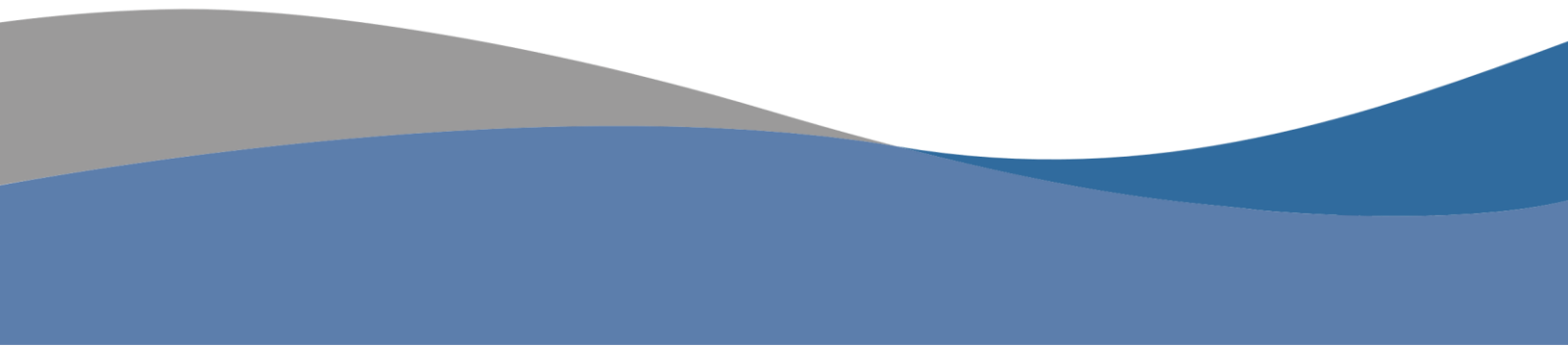




Occupation Report

Substance Abuse, Behavioral Disorder, and Mental Health Counselors

Sacramento-Roseville-Folsom, CA MSA



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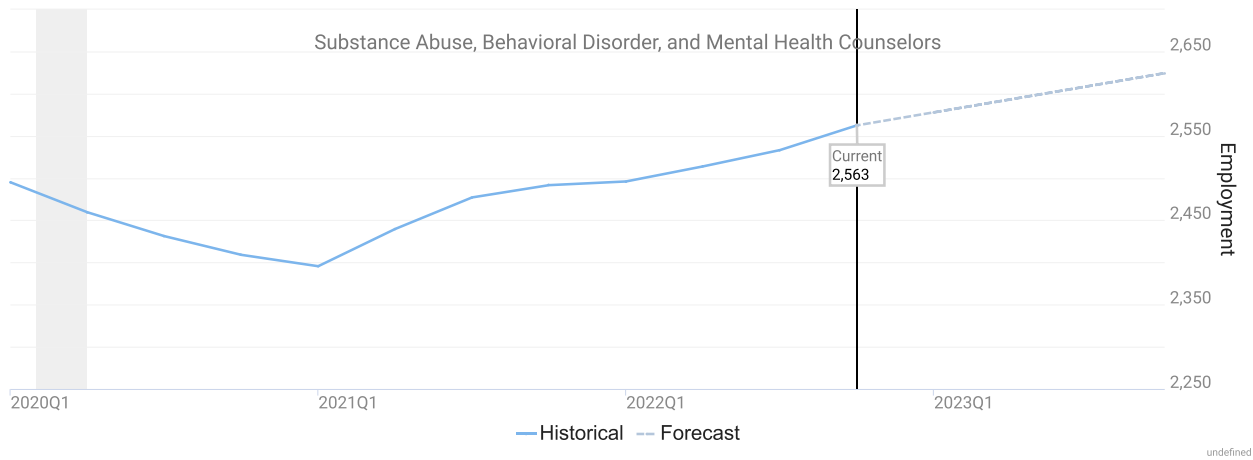
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Occupation Snapshot

6-Digit Occupation	Empl	Avg Mean Wages	LQ	3-Year Empl Change	Annual Demand	Forecast Ann Growth
Substance Abuse, Behavioral Disorder, and Mental Health Counselors	2,563	\$64,600	1.02	91	318	2.4%




- “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).

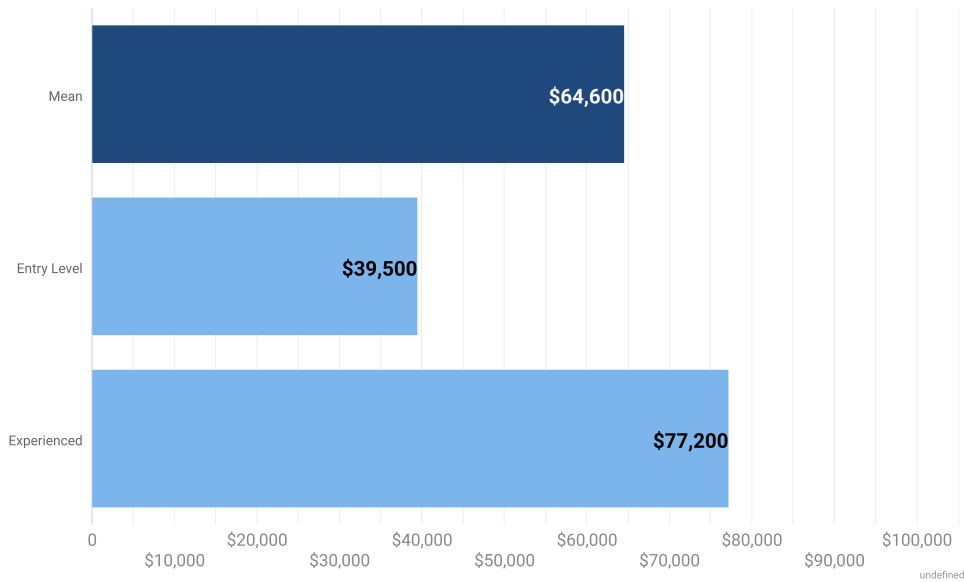
Employment by Industry

Industry Title	% of Occ Empl	Empl	10-Year Separations	10-Year Empl Growth	10-Year Total Demand
Individual and Family Services	21.2%	542	614	288	902
Outpatient Care Centers	21.1%	541	547	122	669
Offices of Other Health Practitioners	13.6%	349	379	143	522
Residential Intellectual and Developmental Disability, Mental Health, and Substance Abuse Facilities	8.6%	219	219	43	261
Psychiatric and Substance Abuse Hospitals	4.7%	120	122	30	152
Executive, Legislative, and Other General Government Support	4.6%	117	109	4	113
General Medical and Surgical Hospitals	3.6%	92	88	9	96
Justice, Public Order, and Safety Activities	2.9%	76	71	4	75
Elementary and Secondary Schools	2.8%	72	69	7	76
Administration of Human Resource Programs	2.5%	63	58	1	60
Offices of Physicians	2.0%	50	49	6	55
Administration of Environmental Quality Programs	1.8%	46	42	0	43
Administration of Economic Programs	1.6%	41	37	0	37
Educational Support Services	1.3%	34	34	6	40
Community Food and Housing, and Emergency and Other Relief Services	0.9%	24	24	5	29
Colleges, Universities, and Professional Schools	0.9%	24	23	3	26
Management of Companies and Enterprises	0.8%	19	18	2	20
Vocational Rehabilitation Services	0.7%	19	18	3	22
Other Residential Care Facilities	0.7%	18	17	1	18
Religious Organizations	0.7%	17	16	2	18
All Others	3.1%	79	77	11	87

 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

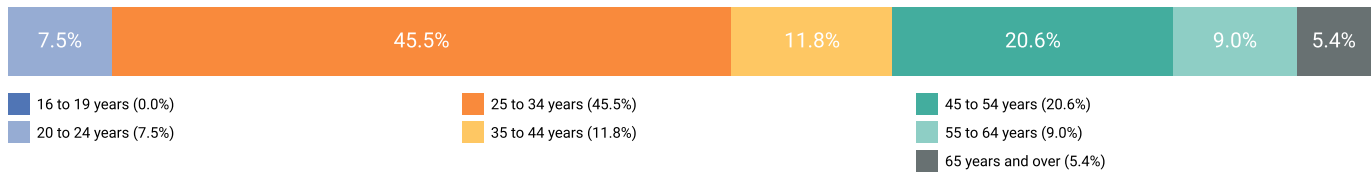


Occupation	Mean	Median	Entry Level	Experienced
Substance Abuse, Behavioral Disorder, and Mental Health Counselors	\$64,600	\$53,200	\$39,500	\$77,200

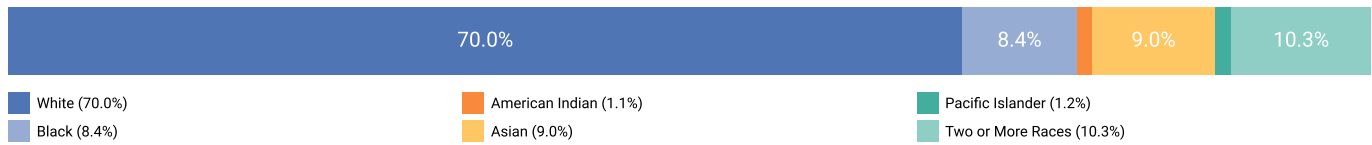
- Occupation wages here utilize BLS OEWS data, imputed and brought forward by Chmura.
- When this report is run for an occupation group, the table above displays up to the top ten detailed occupations which have the highest average wages within the occupation group.

Occupation Demographics

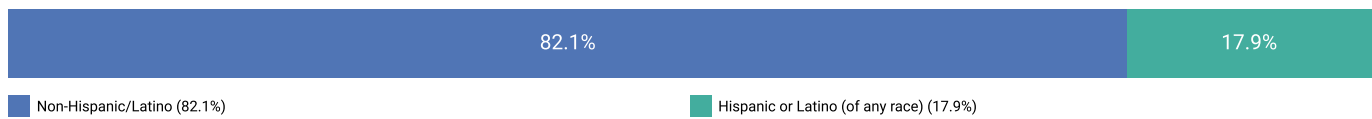
Age



Race



Ethnicity



Gender

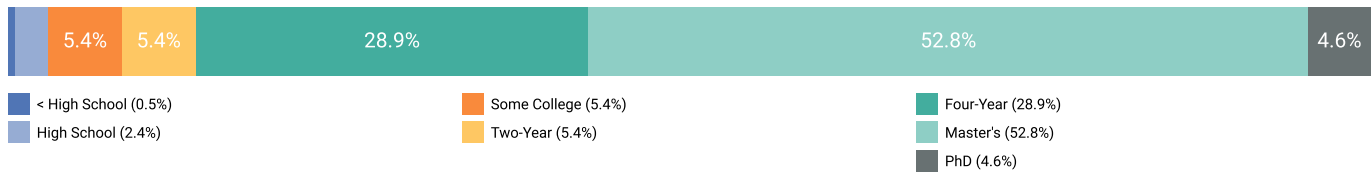


Education and Training Requirements



Education Profile

Educational Attainment



Occupation	Typical Entry-Level Education	Previous Work Experience	Typical On-the-Job Training
Substance Abuse, Behavioral Disorder, and Mental Health Counselors	Bachelor's degree	None	None


 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 Substance Abuse, Behavioral Disorder, and Mental Health Counselors

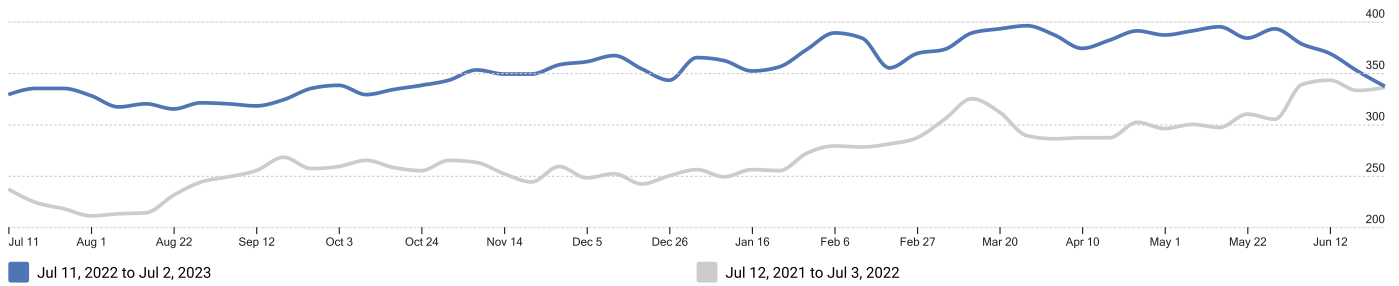
Program	Awards
American River College	
Psychology, General	172
Substance Abuse/Addiction Counseling	10
California State University-Sacramento	
Psychology, General	609
Cosumnes River College	
Psychology, General	74
Folsom Lake College	
Psychology, General	98
Sacramento City College	
Psychology, General	160
Sierra College	
Psychology, General	435
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 Substance Abuse, Behavioral Disorder, and Mental Health Counselors. 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
21- 1014.00	Mental Health Counselors	1,821
21- 1011.00	Substance Abuse and Behavioral Disorder Counselors	52

Locations

Location	Active Job Ads	
Sacramento, California	456	
University of California Davis	78	
Placerville, California 95667	66	
Roseville, California	63	
Sacramento, California 95811	59	
Elk Grove, California	40	
Sacramento, California 95825	34	
95841	33	
Rancho Cordova, California	27	
95823	22	

Employers

Employer Name	Active Job Ads	
Kaiser Permanente	176	
Telecare	154	
Turning Point Community Programs	137	
Behavior Frontiers	68	
Stars Behavioral Health Group	62	
UHS	54	
Sacramento, California	52	
Davis, California	45	
Discovery Behavioral Health	45	
Procare Therapy	31	

Hard Skills

Skill Name	Active Job Ads	
Mental Health	308	
Spanish	187	
Electronic Health Record (EHR)	105	
Teaching/Training, Job	101	
Bilingual	83	
Ability to Lift 21-30 lbs.	70	
Microsoft Excel	69	
Microsoft Office	59	
Working With Children	57	
Counseling	44	

Job Titles

Job Title	Active Job Ads	
Behavioral Health Associate I	33	
Schools - Behavior Specialist	30	
Behavior Interventionist / Behavior Technician / ABA Therapist	29	
Search &a; Rescuer	29	
Board Certified Behavior Analyst (BCBA)	24	
Spanish-Speaking Behavior Interventionist / Behavior Technician / ABA Therapist	21	
Counselor	20	
Licensed Masters Mental Health Professional	20	
Board Certified Behavior Analyst	19	
Board Certified Behavior Analyst (BCBA) Clinical Supervisor	16	

Education Levels

Minimum Education Level	Active Job Ads	
Master's degree	719	
High school diploma or equivalent	303	
Bachelor's degree	261	
Doctoral or professional degree	45	
Associate's degree	39	
Unspecified/other	506	

Programs

Program Name	Active Job Ads	
Psychology	504	
Social Work	483	
Social Welfare	151	
Counseling	146	
Behavioral Science	84	
Nursing	74	
Social Science	60	
Social Service	59	
Liberal Studies	55	
Education	47	

Top Skill and Certification Gaps

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

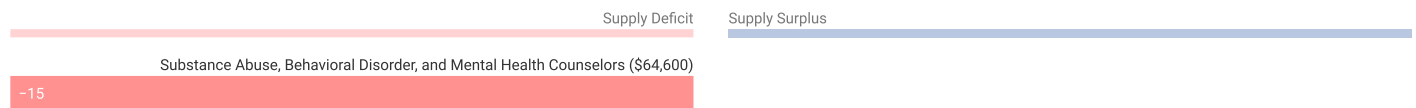
Name	Candidates	Openings	Gap
Mental Health	33	52	-19
Teaching/Training, Job	14	28	-14
Bilingual	11	25	-14
Microsoft Office	8	14	-6
Understanding of Health Insurance Portability and Accountability Act (HIPAA)	2	7	-5
Discharge Planning	1	5	-4
Social Services	6	9	-3
JavaScript	0	3	-3
Home Health Care	1	3	-2
Psychology	3	5	-2



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

Name	Candidates	Openings	Gap
First Aid Certification	17	35	-17
Licensed Professional Counselor (LPC)	0	17	-17
Board Certified Assistant Behavior Analyst (BCaBA)	0	3	-3
Certified Peer Specialist (CPS)	1	2	-2
Occupational Therapist Registered (OTR)	0	1	-1
Licensed Practical Nurse (LPN)	0	1	-1
Secret Clearance	0	1	-1
Licensed Massage Therapist (LMT)	0	1	-1
Certified Social Worker	1	1	0
Registered Behavior Technician (RBT)	6	6	0

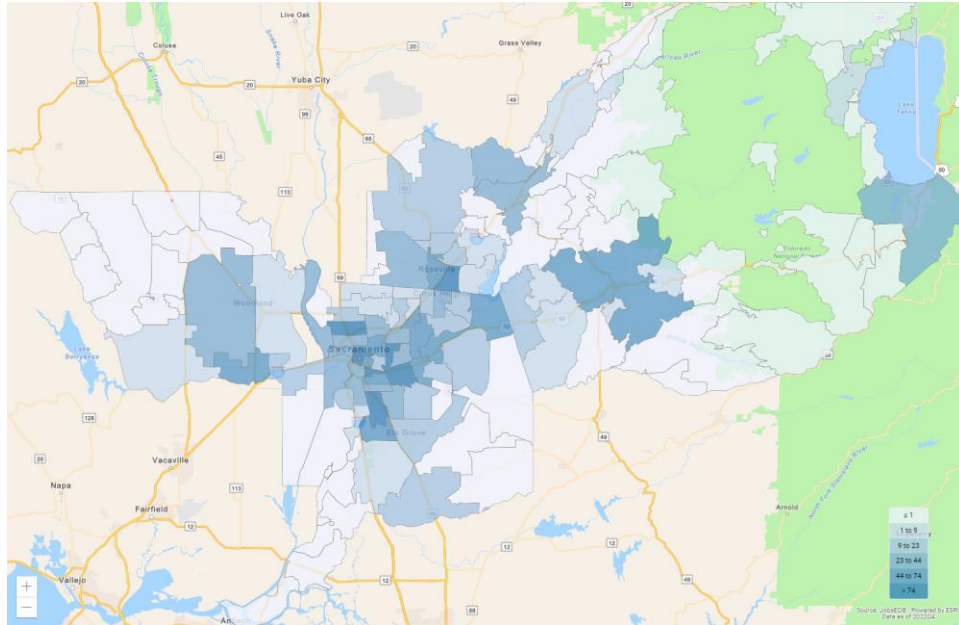
 Skill and certifications gaps can help inform employee development programs, as well as provide a comparison of the needs of regional employers to the supply.

Occupation Gaps



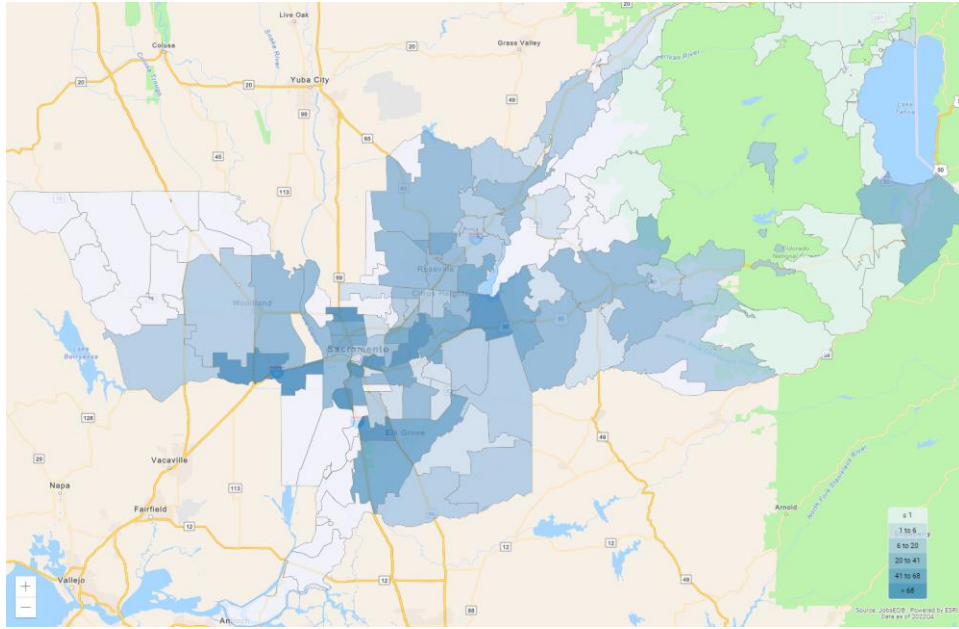
-  The above are the potential average annual gaps over 10 years. Many variables go into this analysis, but at its core it is based on a forecast comparing occupation demand growth to the local population growth and the projected educational attainment of those residents. When an area, for example, has 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 Substance Abuse, Behavioral Disorder, and Mental Health Counselors, 2022Q4

Region	Employment
ZCTA 95814	188
ZCTA 95823	174
ZCTA 95825	146
ZCTA 95834	102
ZCTA 95826	100
ZCTA 95661	93
ZCTA 95811	87
ZCTA 95817	75
ZCTA 95667	74
ZCTA 95841	73

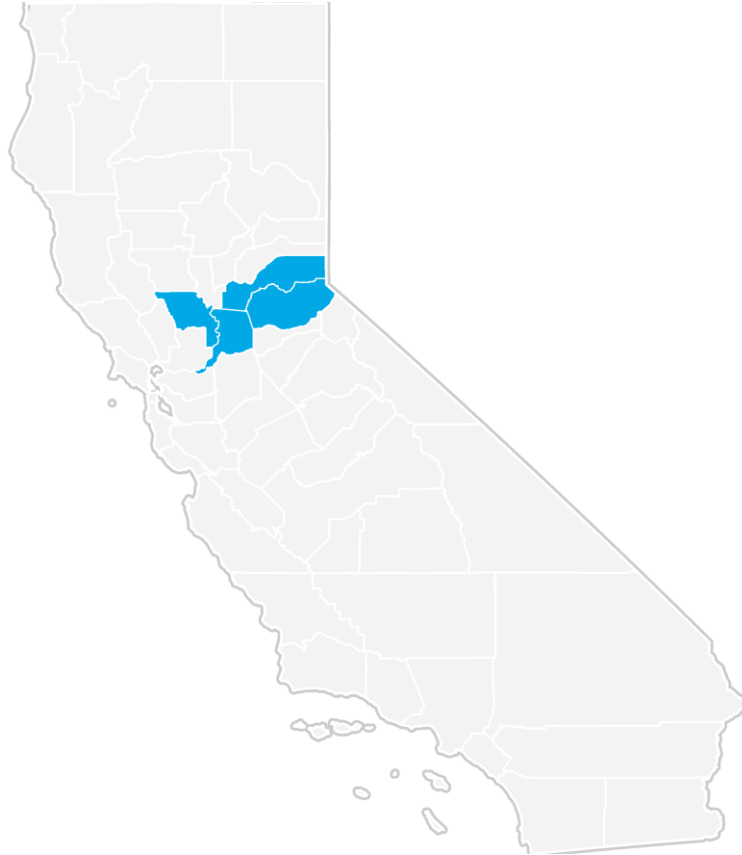


Top ZCTAs by Place of Residence for Substance Abuse, Behavioral Disorder, and Mental Health Counselors, 2022Q4

Region	Employment
ZCTA 95630	160
ZCTA 95616	131
ZCTA 95835	111
ZCTA 95608	101
ZCTA 95758	97
ZCTA 95864	82
ZCTA 95818	81
ZCTA 95819	79
ZCTA 95618 (Yolo County, CA portion)	75
ZCTA 95831	69

💡 “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.