



# 26 Occupations in 8 Counties

# Contents

What is Emsi Data? .....	1
Report Parameters .....	2
Executive Summary .....	3
Jobs .....	4
Compensation .....	6
Job Posting Activity .....	7
Demographics .....	12
Occupational Programs .....	14
Appendix A (Occupations) .....	15

## What is Emsi Data?

Emsi data is a hybrid dataset derived from official government sources such as the US Census Bureau, Bureau of Economic Analysis, and Bureau of Labor Statistics. Leveraging the unique strengths of each source, our data modeling team creates an authoritative dataset that captures more than 99% of all workers in the United States. This core offering is then enriched with data from online social profiles, resumés, and job postings to give you a complete view of the workforce.

Emsi data is frequently cited in major publications such as *The Atlantic*, *Forbes*, *Harvard Business Review*, *The New York Times*, *The Wall Street Journal*, and *USA Today*.



## Report Parameters

### 26 Occupations

11-9121	Natural Sciences Managers
19-1031	Conservation Scientists
19-2041	Environmental Scientists and Specialists, Including Health
19-3011	Economists
19-2043	Hydrologists

17-2081	Environmental Engineers
19-1013	Soil and Plant Scientists
25-1099	Postsecondary Teachers
19-4071	Forest and Conservation Technicians
<i>See Appendix A for all 26 Occupations</i>	

### 8 Counties

16001	Ada County, ID
16027	Canyon County, ID
16045	Gem County, ID
16075	Payette County, ID

16087	Washington County, ID
41023	Grant County, OR
41025	Harney County, OR
41045	Malheur County, OR

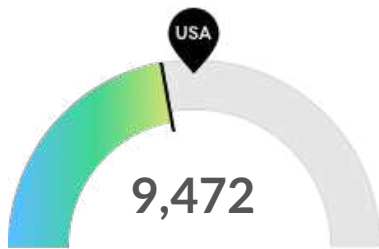
### Class of Worker

QCEW Employees

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

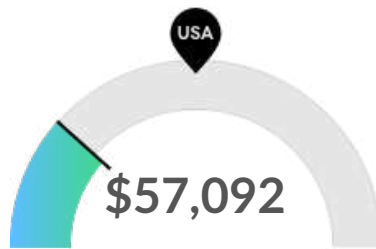
## Executive Summary

### Average Job Posting Demand Over a Thin Supply of Regional Jobs



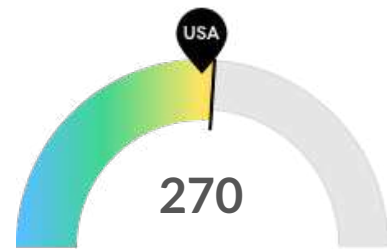
**Jobs (2019)**

Your area is not a hotspot for this kind of job. The national average for an area this size is 11,215\* employees, while there are 9,472 here.



**Compensation**

Earnings are low in your area. The national median salary for your occupations is \$72,003, compared to \$57,092 here.



**Job Posting Demand**

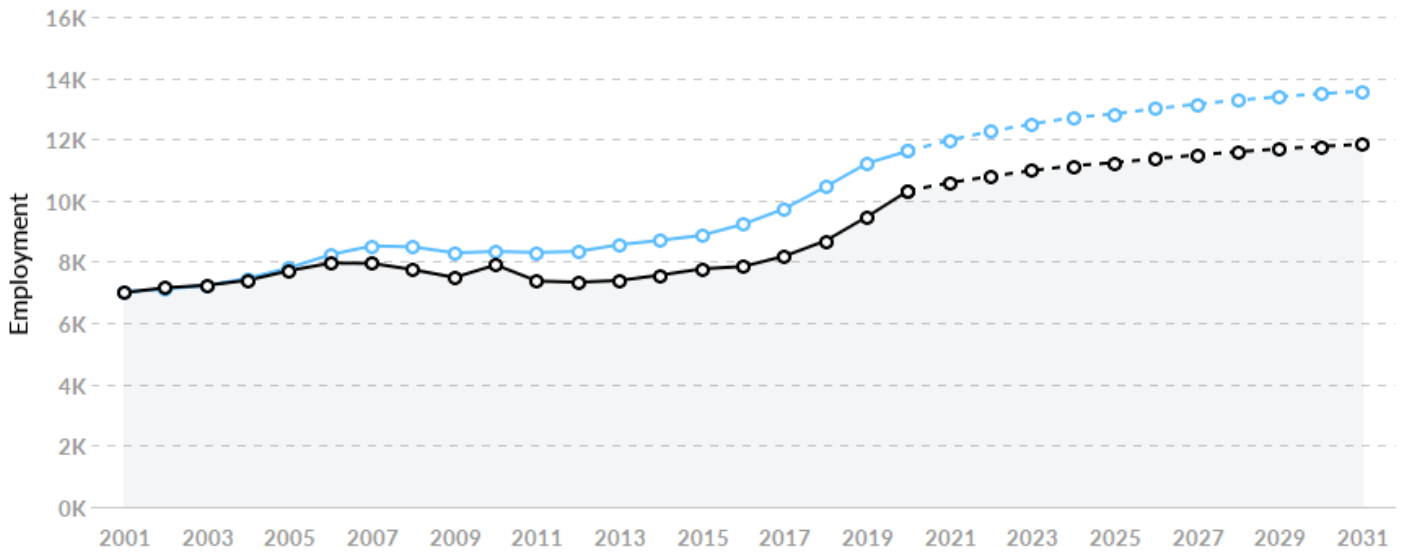
Job posting activity is about average in your area. The national average for an area this size is 254\* job postings/mo, while there are 270 here.

\*National average values are derived by taking the national value for your occupations and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

# Jobs

## Regional Employment Is Lower Than the National Average

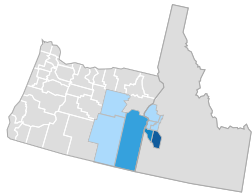
An average area of this size typically has 11,215\* jobs, while there are 9,472 here. This lower than average supply of jobs may make it more difficult for workers in this field to find employment in your area.



	Region	2019 Jobs	2020 Jobs	Change	% Change
●	8 Counties	9,472	10,324	852	9.0%
●	National Average	11,215	11,621	405	3.6%

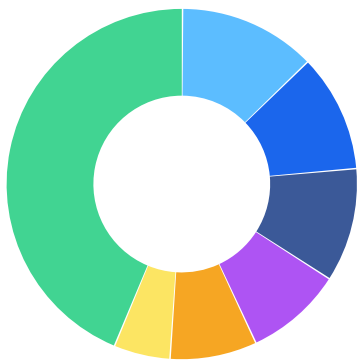
\*National average values are derived by taking the national value for your occupations and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

## Regional Breakdown



County	2019 Jobs
Ada County, ID	6,257
Canyon County, ID	1,936
Malheur County, OR	571
Grant County, OR	215
Harney County, OR	173

## Most Jobs are Found in the Education and Hospitals (State Government) Industry Sector

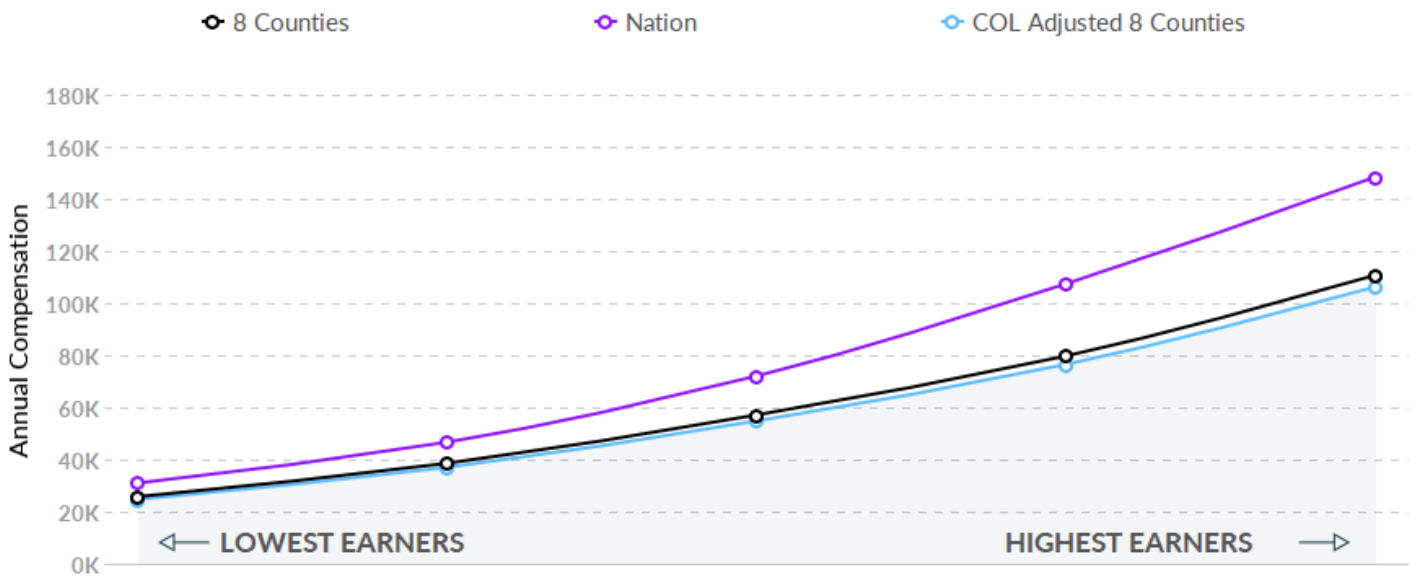


Industry	% of Occupation in Industry (2019)
Education and Hospitals (State Government)	12.7%
Local Government, Excluding Education and Hospitals	10.9%
Federal Government, Civilian	10.5%
State Government, Excluding Education and Hospitals	9.0%
Education and Hospitals (Local Government)	8.0%
Animal Production	5.2%
Other	43.8%

# Compensation

## Regional Compensation Is 21% Lower Than National Compensation

For your occupations, the 2020 median wage in your area is \$57,092, while the national median wage is \$72,003.





# Job Posting Activity



**6,486 Unique Job Postings**

The number of unique postings for this job from Jan 2019 to Dec 2020.



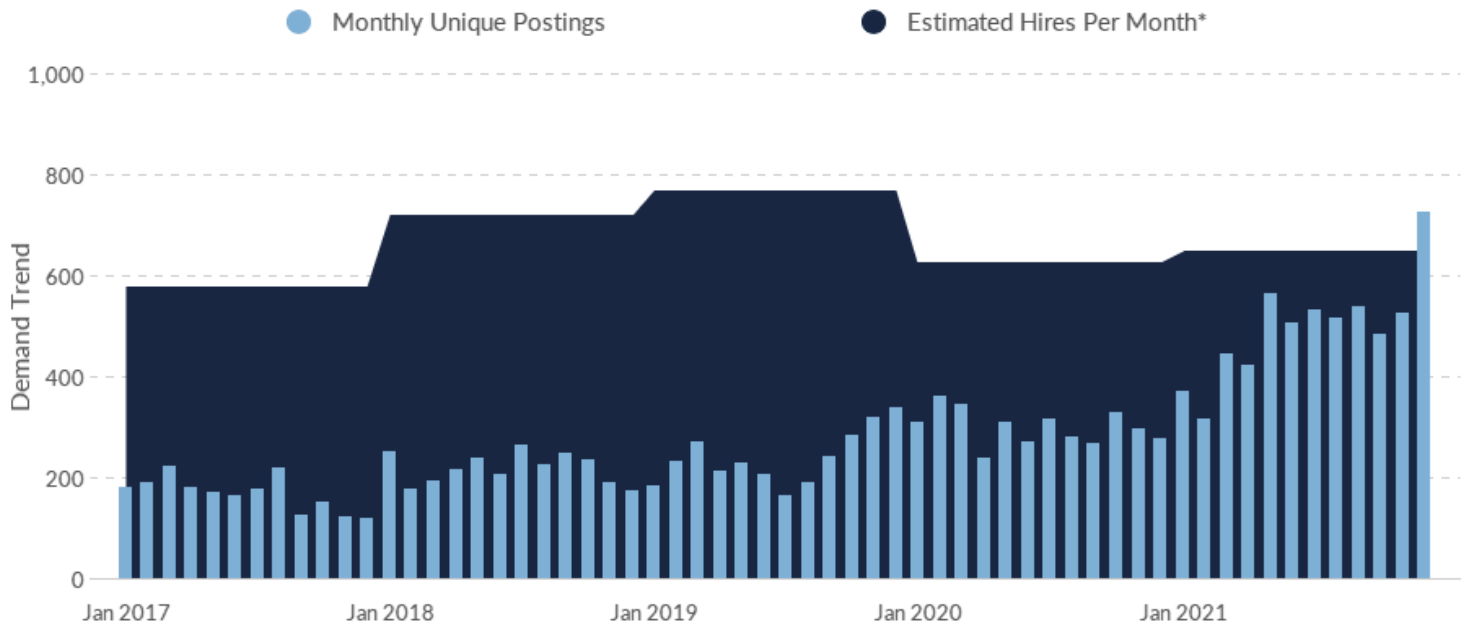
**1,034 Employers Competing**

All employers in the region who posted for this job from Jan 2019 to Dec 2020.



**More Hires Than Postings**











More hires than postings may mean this position is filled via other methods.









Occupation	Avg Monthly Postings (Jan 2019 - Dec 2020)	Avg Monthly Hires (Jan 2019 - Dec 2020)
Personal Service Managers, All Other; Entertainment and Recreation Managers, Except Gambling; and Managers, All Other	154	44
Postsecondary Teachers	35	137
Project Management Specialists and Business Operations Specialists, All Other	17	146

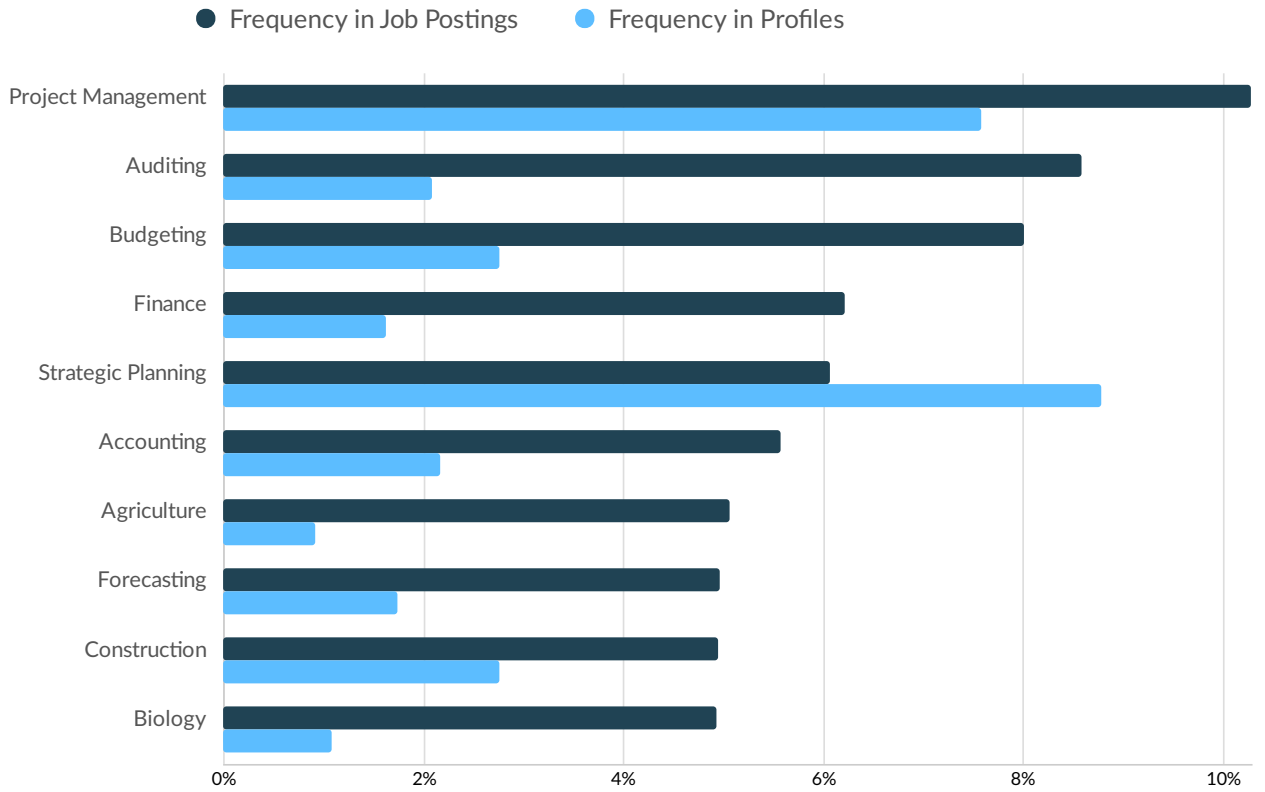
\*A hire is reported by the Quarterly Workforce Indicators when an individual's Social Security Number appears on a company's payroll and was not there the quarter before. Emsi hires are calculated using a combination of Emsi jobs data, information on separation rates from the Bureau of Labor Statistics (BLS), and industry-based hires data from the Census Bureau.

Occupation	Avg Monthly Postings (Jan 2019 - Dec 2020)	Avg Monthly Hires (Jan 2019 - Dec 2020)
Natural Sciences Managers	9	7
Amusement and Recreation Attendants	6	69
Forest and Conservation Technicians	7	47
Environmental Engineers	6	2
Farmers, Ranchers, and Other Agricultural Managers	4	109
Conservation Scientists	4	6
Environmental Scientists and Specialists, Including Health	3	9
Firefighters	3	17
Environmental Science and Protection Technicians, Including Health	3	3
Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	3	45
Biological Scientists, All Other	3	6
Farm and Home Management Educators	4	2
Anthropologists and Archeologists	2	0
Hydrologists	2	2
Foresters	2	4
Soil and Plant Scientists	1	11
Geoscientists, Except Hydrologists and Geographers	1	2
Geological and Hydrologic Technicians	1	6
Economists	1	1
Arbitrators, Mediators, and Conciliators	0	0
Geographers	0	0
Forest and Conservation Workers	0	20
Fish and Game Wardens	0	0

Top Companies	Unique Postings
State of Idaho	624 
Micron Technology	165 
College Of Western Idaho	113 
Boise State University	105 
J.R. Simplot Company	102 
St. Luke's Health System	91 
Bureau of Land Management	80 
City of Boise	77 
Johns Hopkins	74 
YMCA	67 

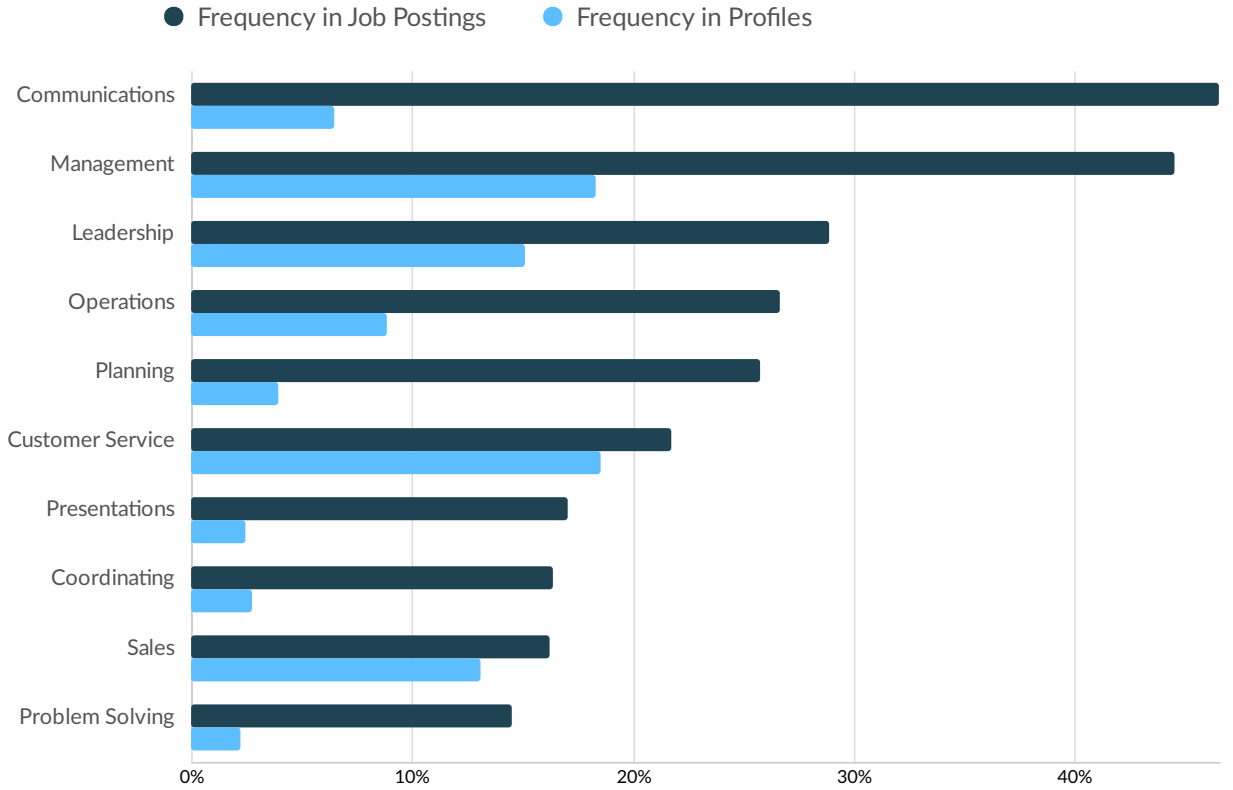
Top Job Titles	Unique Postings
Project Managers	292 
Program Managers	127 
Project Coordinators	111 
E-Commerce Clerks	76 
Forestry Technicians	76 
Managers	49 
Lifeguards	35 
Program Instructors	35 
Program Specialists	35 
Wildland Firefighters	34 

## Top Hard Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Project Management	667	10%	1,369	8%
Auditing	557	9%	378	2%
Budgeting	520	8%	499	3%
Finance	403	6%	295	2%
Strategic Planning	394	6%	1,585	9%
Accounting	362	6%	392	2%
Agriculture	329	5%	165	1%
Forecasting	322	5%	315	2%
Construction	321	5%	499	3%
Biology	320	5%	197	1%

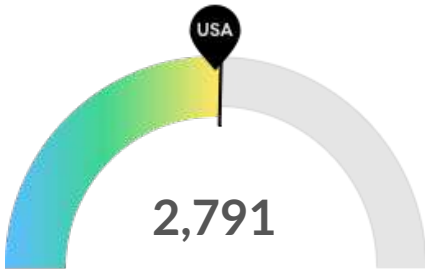
## Top Common Skills



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Communications	3,018	47%	1,171	6%
Management	2,889	45%	3,301	18%
Leadership	1,875	29%	2,729	15%
Operations	1,729	27%	1,598	9%
Planning	1,673	26%	710	4%
Customer Service	1,411	22%	3,348	19%
Presentations	1,108	17%	441	2%
Coordinating	1,060	16%	496	3%
Sales	1,051	16%	2,367	13%
Problem Solving	943	15%	398	2%

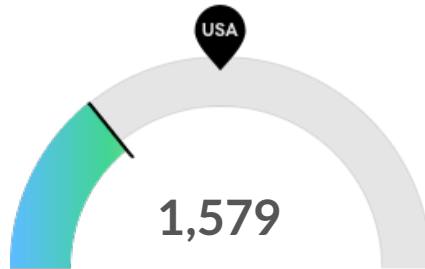
## Demographics

### Retirement Risk Is About Average, While Overall Diversity Is Low



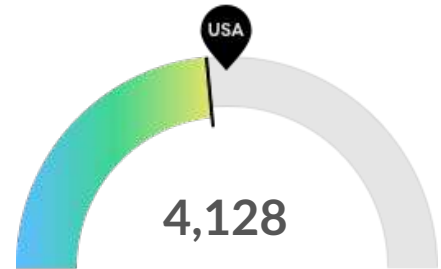
**Retiring Soon**

Retirement risk is about average in your area. The national average for an area this size is 2,725\* employees 55 or older, while there are 2,791 here.



**Racial Diversity**

Racial diversity is low in your area. The national average for an area this size is 3,268\* racially diverse employees, while there are 1,579 here.

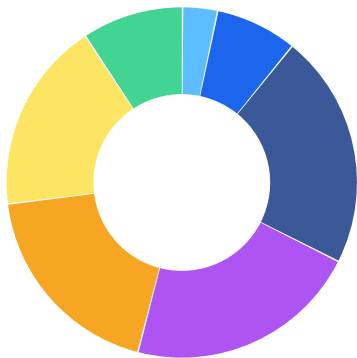


**Gender Diversity**

Gender diversity is about average in your area. The national average for an area this size is 4,518\* female employees, while there are 4,128 here.

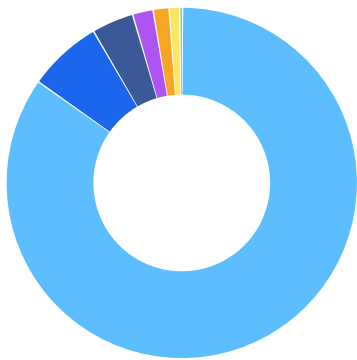
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## Occupation Age Breakdown



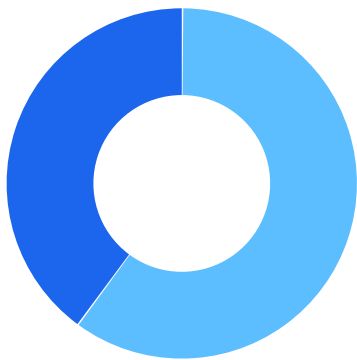
	% of Jobs	Jobs
14-18	3.2%	332
19-24	7.5%	778
25-34	21.6%	2,230
35-44	21.6%	2,230
45-54	19.0%	1,962
55-64	17.7%	1,828
65+	9.3%	963

### Occupation Race/Ethnicity Breakdown



	% of Jobs	Jobs
● White	84.7%	8,745
● Hispanic or Latino	6.8%	706
● Asian	3.9%	399
● Two or More Races	1.9%	197
● American Indian or Alaska Native	1.5%	151
● Black or African American	1.0%	100
● Native Hawaiian or Other Pacific Islander	0.3%	26

### Occupation Gender Breakdown



	% of Jobs	Jobs
● Males	60.0%	6,196
● Females	40.0%	4,128

# Occupational Programs



## 91 Programs

Of the programs that can train for this job, 91 have produced completions in the last 5 years.



## 4,356 Completions (2020)

The completions from all regional institutions for all degree types.



## 1,278 Openings (2020)

The average number of openings for an occupation in the region is 68.

CIP Code	Top Programs	Completions (2020)
24.0102	General Studies	955
24.0101	Liberal Arts and Sciences/Liberal Studies	431
52.0201	Business Administration and Management, General	401
52.0101	Business/Commerce, General	342
30.0000	Multi-/Interdisciplinary Studies, General	230
42.0101	Psychology, General	198
43.0104	Criminal Justice/Safety Studies	192
26.0101	Biology/Biological Sciences, General	180
45.1001	Political Science and Government, General	131
30.9999	Multi-/Interdisciplinary Studies, Other	105

Top Schools	Completions (2020)
Boise State University	2,330
College of Western Idaho	1,504
Treasure Valley Community College	205
Northwest Nazarene University	178
The College of Idaho	128
Stevens-Henager College	11



## Appendix A (Occupations)

Code	Description	Code	Description
11-9121	Natural Sciences Managers	13-1198	Project Management Specialists and Business Operations Specialists, All Other
19-1031	Conservation Scientists	19-2042	Geoscientists, Except Hydrologists and Geographers
19-2041	Environmental Scientists and Specialists, Including Health	19-1029	Biological Scientists, All Other
19-3011	Economists	19-3091	Anthropologists and Archeologists
19-2043	Hydrologists	19-4042	Environmental Science and Protection Technicians, Including Health
17-2081	Environmental Engineers	25-9021	Farm and Home Management Educators
19-1013	Soil and Plant Scientists	33-2011	Firefighters
25-1099	Postsecondary Teachers	33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers
19-4071	Forest and Conservation Technicians	11-9198	Personal Service Managers, All Other; Entertainment and Recreation Managers, Except Gambling; and Managers, All Other
23-1022	Arbitrators, Mediators, and Conciliators	19-1032	Foresters
19-3092	Geographers	45-4011	Forest and Conservation Workers
19-4045	Geological and Hydrologic Technicians	33-3031	Fish and Game Wardens

Code	Description	Code	Description
11-9013	Farmers, Ranchers, and Other Agricultural Managers	39-3091	Amusement and Recreation Attendants

## Appendix B - Data Sources and Calculations

### Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

### Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates are also affected by county-level Emsi earnings by industry.

### Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

### Cost of Living Data

Emsi's cost of living data is based on the Cost of Living Index published by the Council for Community and Economic Research (C2ER).

### Emsi Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

### Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.