### . DEMSI Occupation Overview

# Bookkeeping, Accounting, and Auditing Clerks in San Diego-Chula Vista-Carlsbad, CA

## .II Emsi Occupation Overview

#### Bookkeeping, Accounting, and Auditing Clerks (SOC 43-3031):

Compute, classify, and record numerical data to keep financial records complete. Perform any combination of routine calculating, posting, and verifying duties to obtain primary financial data for use in maintaining accounting records. May also check the accuracy of figures, calculations, and postings pertaining to business transactions recorded by other workers. Excludes 'Payroll and Timekeeping Clerks' (43-3051).

#### Sample of Reported Job Titles:

Accounts Receivable Clerk Accounts Payable Clerk Accounting Specialist Accounts Payable Specialist Accounts Payable Coordinator Accounting Technician Accounting Clerk Accounting Associate Accounting Assistant Principal Accounts Clerk

**Related O\*NET Occupation:** Bookkeeping, Accounting, and Auditing Clerks (43-3031.00)

### Contents

Vhat is Emsi Data?	L
Peport Parameters	2
xecutive Summary	3
obs	1
Compensation	
ob Posting Activity	
Demographics	
Occupational Programs	1

### 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.

*"Atlantic* **Forbes** 

Harvard **Business**  Ehe New Hork Eimes





### **Report Parameters**

#### 1 Occupation

43-3031 Bookkeeping, Accounting, and Auditing Clerks

#### 1 MSA

41740 San Diego-Chula Vista-Carlsbad, CA

#### **Class of Worker**

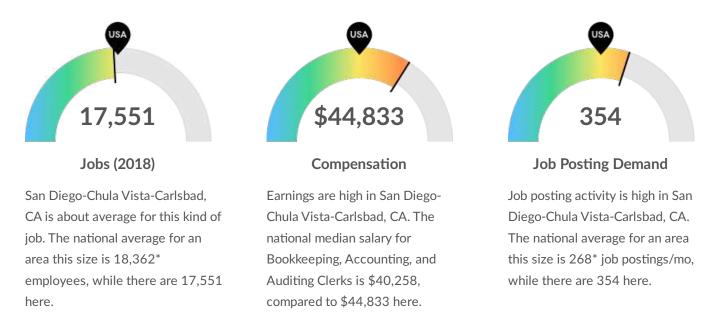
QCEW Employees, Non-QCEW Employees, and Self-Employed

The information in this report pertains to the chosen occupation and geographical area.

### .IPEmsi Occupation Overview

### **Executive Summary**

#### Aggressive Job Posting Demand Over an Average Supply of Regional Jobs

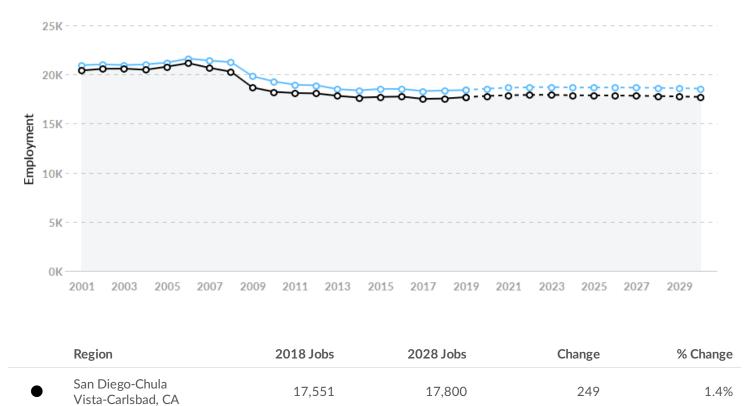


\*National average values are derived by taking the national value for Bookkeeping, Accounting, and Auditing Clerks and scaling it down to account for the difference in overall workforce size between the nation and San Diego-Chula Vista-Carlsbad, CA. In other words, the values represent the national average adjusted for region size.



### Jobs

#### **Regional Employment Is About Equal to the National Average**



An average area of this size typically has 18,362\* jobs, while there are 17,551 here.

*National average values are derived by taking the national value for Bookkeeping, Accounting, and Auditing Clerks and scaling it down to
account for the difference in overall workforce size between the nation and San Diego-Chula Vista-Carlsbad, CA. In other words, the values
represent the national average adjusted for region size.

18,362

#### **Regional Breakdown**

National Average

County	2018 Jobs
San Diego County, CA	17,551

18,634

272

1.5%

#### Most Jobs are Found in the Accounting, Tax Preparation, Bookkeeping, and Payroll Services Industry Sector

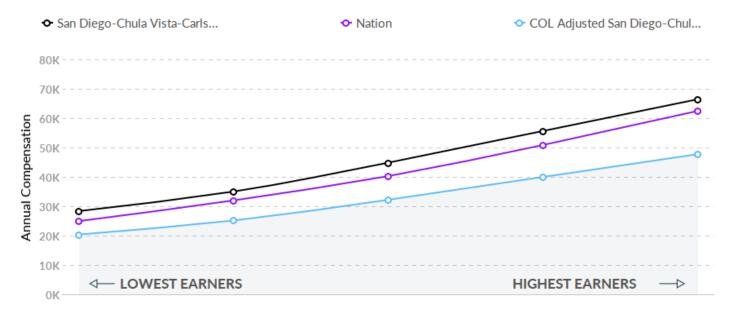


	Industry	% of Occupation in Industry (2018)
•	Accounting, Tax Preparation, Bookkeeping, and Payroll Services	9.1%
	Management of Companies and Enterprises	4.4%
	Local Government, Excluding Education and Hospitals	4.2%
	Education and Hospitals (Local Government)	3.1%
	Education and Hospitals (State Government)	2.7%
	Building Equipment Contractors	2.7%
	Other	73.8%

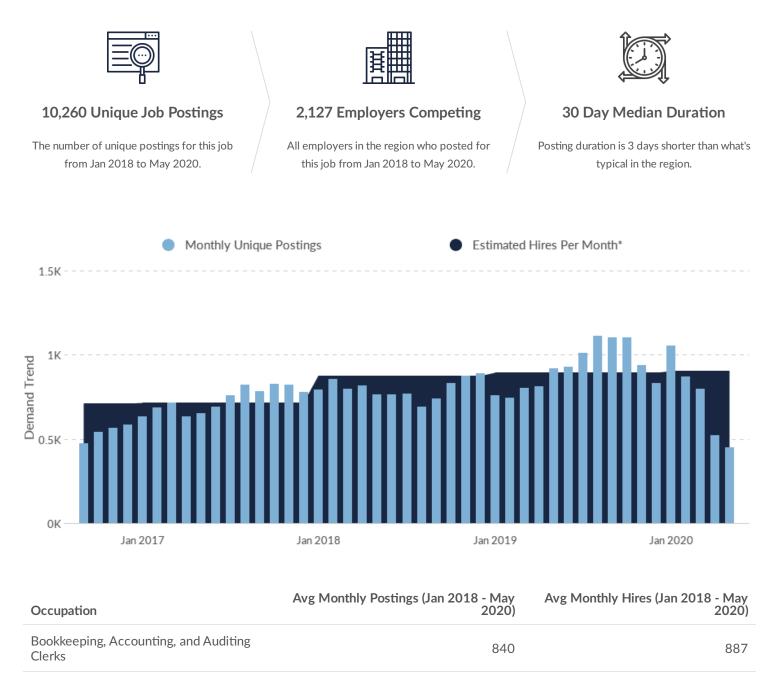
### Compensation

#### **Regional Compensation Is 11% Higher Than National Compensation**

For Bookkeeping, Accounting, and Auditing Clerks, the 2018 median wage in San Diego-Chula Vista-Carlsbad, CA is \$44,833, while the national median wage is \$40,258.



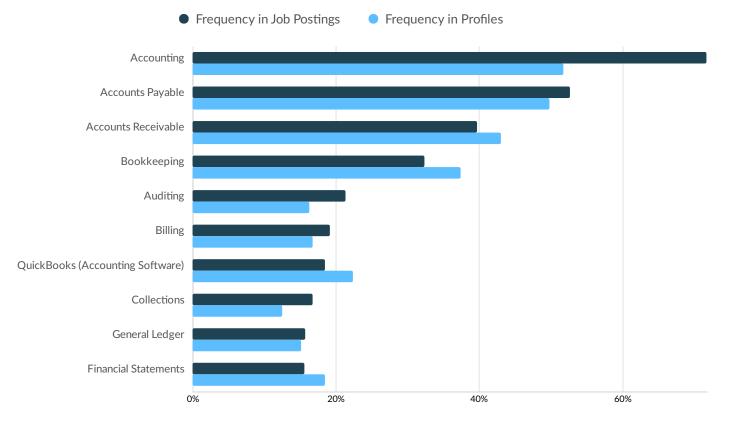
### Job Posting Activity



\*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.

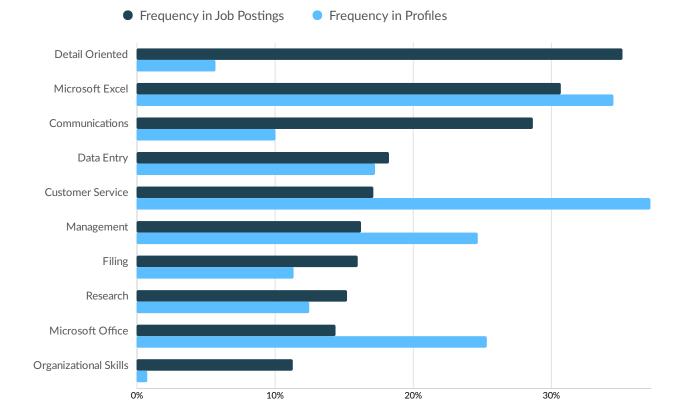
Top Companies	Unique Postings	Top Job Titles	Unique Postings
Accountemps	1,111	Bookkeepers	1,636
Robert Half International Inc.	1,075	Accounts Payable Clerks	1,628
AppleOne	405	Accounting Clerks	1,015
Accounting Principals, Inc	325	Accounting Assistants	576
Randstad N.V.	254	Accounts Receivable Represent	489
Aston Carter	143	Accounts Payable Analysts	453
Marriott International, Inc.	134	Payroll Specialists	405
C Harper Boutique Recruiting LLC	100	Billing Specialists	382
Varsity Tutors LLC	96	Accounting Associates	269
Professional Search Inc	91	Accounts Payable Processors	249

### **Top Hard Skills**



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Accounting	10,376	72%	4,411	52%
Accounts Payable	7,625	53%	4,243	50%
Accounts Receivable	5,752	40%	3,674	43%
Bookkeeping	4,686	32%	3,193	37%
Auditing	3,084	21%	1,389	16%
Billing	2,778	19%	1,430	17%
QuickBooks (Accounting Software)	2,675	18%	1,904	22%
Collections	2,430	17%	1,071	13%
General Ledger	2,270	16%	1,296	15%
Financial Statements	2,258	16%	1,574	18%

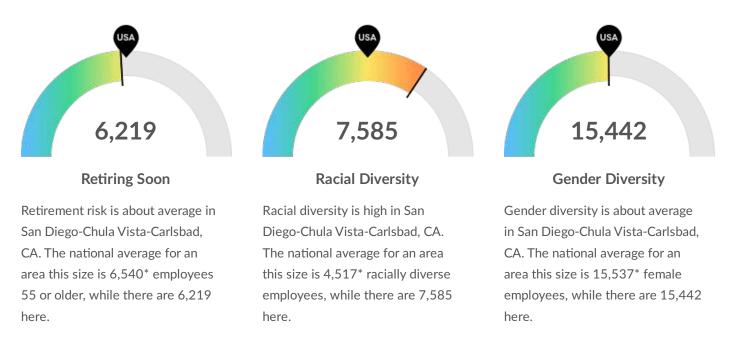
#### **Top Common Skills**



Skills	Postings	% of Total Postings	Profiles	% of Total Profiles
Detail Oriented	5,083	35%	489	6%
Microsoft Excel	4,439	31%	2,944	35%
Communications	4,145	29%	855	10%
Data Entry	2,641	18%	1,469	17%
Customer Service	2,482	17%	3,171	37%
Management	2,350	16%	2,104	25%
Filing	2,313	16%	971	11%
Research	2,204	15%	1,066	13%
Microsoft Office	2,081	14%	2,162	25%
Organizational Skills	1,631	11%	64	1%

## Demographics

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



\*National average values are derived by taking the national value for Bookkeeping, Accounting, and Auditing Clerks and scaling it down to account for the difference in overall workforce size between the nation and San Diego-Chula Vista-Carlsbad, CA. In other words, the values represent the national average adjusted for region size.

### **Occupation Age Breakdown**

	% of Jobs	Jobs
• 14-18	0.2%	40
• 19-24	4.7%	838
• 25-34	15.6%	2,766
• 35-44	20.5%	3,626
45-54	23.8%	4,204
55-64	22.9%	4,059
65+	12.2%	2,160

## .II Emsi Occupation Overview

#### **Occupation Race/Ethnicity Breakdown**

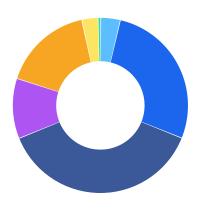
	% of Jobs	Jobs
• White	57.1%	10,107
Hispanic or Latino	25.3%	4,475
• Asian	10.4%	1,838
<ul> <li>Black or African American</li> </ul>	4.1%	726
Two or More Races	2.3%	400
<ul> <li>Native Hawaiian or Other Pacific Islander</li> </ul>	0.4%	77
<ul> <li>American Indian or Alaska Native</li> </ul>	0.4%	69

#### **Occupation Gender Breakdown**

	% of Jobs	Jobs
Males	12.7%	2,250
Females	87.3%	15,442



#### **National Educational Attainment**



	% of Jobs
• Less than high school diploma	3.6%
High school diploma or equivalent	27.4%
• Some college, no degree	37.8%
• Associate's degree	11.1%
Bachelor's degree	16.6%
Master's degree	3.0%
Doctoral or professional degree	0.5%



### **Occupational Programs**



2 Programs

Of the programs that can train for this job, 2 have produced completions in the last 5 years.



337 Completions (2018)

The completions from all regional institutions for all degree types.



#### 2,194 Openings (2018)

The average number of openings for an occupation in the region is 288.

CIP Code	Top Programs	Completions (2018)
52.0302	Accounting Technology/Technician and Bookkeeping	315
52.0399	Accounting and Related Services, Other	22

Palomar College95MiraCosta College70Southwestern College58	Top Schools	Completions (2018)
	Palomar College	95
Southwestern College 58	MiraCosta College	70
	Southwestern College	58
San Diego City College 39	San Diego City College	39
San Diego Miramar College 24	San Diego Miramar College	24
San Diego Mesa College 21	San Diego Mesa College	21
Poway Adult School 17	Poway Adult School	17
Vista Adult School 13	Vista Adult School	13

## Appendix A - 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 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 cost of living data is based on the Cost of Living Index published quarterly 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.