

# **Staffing Patterns**

Professional, Scientific, and Technical Services in 3 Texas Counties

Emsi Q3 2021 Data Set

August 2021

**Workforce Solutions of Central Texas**

Texas

# Parameters

## Industries

Code	Description
54	Professional, Scientific, and Technical Services

## Regions

Code	Description
48027	Bell County, TX
48099	Coryell County, TX
48281	Lampasas County, TX

## Timeframe

2020 - 2025

## Datarun

2021.3 – QCEW Employees, Non-QCEW Employees, and Self-Employed

SOC	Description	Employed in Industry (2020)	Employed in Industry (2025)	Change (2020 - 2025)	% Change (2020 - 2025)	% of Total Jobs in Industry (2020)	Median Hourly Earnings	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
13-2011	Accountants and Auditors	270	280	10	4%	4.2%	\$30.37	Bachelor's degree	None	None
15-1256	Software Developers and Software Quality Assurance Ana	234	328	94	40%	3.6%	\$43.66	Bachelor's degree	None	None
43-9061	Office Clerks, General	230	239	9	4%	3.6%	\$15.36	High school diploma or equivalent	None	Short-term on-the-job training
11-1021	General and Operations Managers	219	250	31	14%	3.4%	\$37.73	Bachelor's degree	5 years or more	None
23-2011	Paralegals and Legal Assistants	212	242	30	14%	3.3%	\$22.37	Associate's degree	None	None
23-1011	Lawyers	205	229	24	12%	3.2%	\$46.01	Doctoral or professional degree	None	None
15-1232	Computer User Support Specialists	201	245	45	22%	3.1%	\$23.50	Some college, no degree	None	None
13-1111	Management Analysts	187	225	38	21%	2.9%	\$35.65	Bachelor's degree	Less than 5 years	None
13-2082	Tax Preparers	166	163	(3)	(2%)	2.6%	\$8.94	High school diploma or equivalent	None	Moderate-term on-the-job training
43-6014	Secretaries and Administrative Assistants, Except Legal, M	164	166	1	1%	2.5%	\$13.75	High school diploma or equivalent	None	Short-term on-the-job training
43-4051	Customer Service Representatives	161	178	18	11%	2.5%	\$14.26	High school diploma or equivalent	None	Short-term on-the-job training
15-1211	Computer Systems Analysts	160	195	34	21%	2.5%	\$33.45	Bachelor's degree	None	None
41-3091	Sales Representatives of Services, Except Advertising, Ins	142	170	28	20%	2.2%	\$23.64	High school diploma or equivalent	None	Moderate-term on-the-job training
13-1198	Project Management Specialists and Business Operations	140	166	26	19%	2.2%	\$36.89	Bachelor's degree	None	None
17-2051	Civil Engineers	138	129	(9)	(6%)	2.1%	\$37.30	Bachelor's degree	None	None
43-3031	Bookkeeping, Accounting, and Auditing Clerks	135	139	4	3%	2.1%	\$17.34	Some college, no degree	None	Moderate-term on-the-job training
15-1251	Computer Programmers	131	138	7	5%	2.0%	\$50.18	Bachelor's degree	None	None
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	124	138	14	11%	1.9%	\$10.57	High school diploma or equivalent	None	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	120	127	6	5%	1.9%	\$10.18	High school diploma or equivalent	None	Short-term on-the-job training
29-1131	Veterinarians	118	131	12	10%	1.8%	\$45.61	Doctoral or professional degree	None	None
29-2056	Veterinary Technologists and Technicians	113	127	14	12%	1.8%	\$12.65	Associate's degree	None	None
43-1011	First-Line Supervisors of Office and Administrative Support	87	91	5	5%	1.3%	\$23.87	High school diploma or equivalent	Less than 5 years	None
15-1244	Network and Computer Systems Administrators	79	94	15	19%	1.2%	\$36.39	Bachelor's degree	None	None
13-1151	Training and Development Specialists	76	88	12	15%	1.2%	\$29.25	Bachelor's degree	Less than 5 years	None
11-3021	Computer and Information Systems Managers	71	92	21	30%	1.1%	\$59.71	Bachelor's degree	5 years or more	None
15-1241	Computer Network Architects	69	81	12	17%	1.1%	\$40.84	Bachelor's degree	5 years or more	None
13-1161	Market Research Analysts and Marketing Specialists	66	89	23	34%	1.0%	\$32.13	Bachelor's degree	None	None
13-1071	Human Resources Specialists	66	81	14	21%	1.0%	\$28.30	Bachelor's degree	None	None
15-1299	Computer Occupations, All Other	65	82	16	25%	1.0%	\$37.50	Bachelor's degree	None	Moderate-term on-the-job training
27-1024	Graphic Designers	63	67	4	6%	1.0%	\$19.32	Bachelor's degree	None	None
15-1231	Computer Network Support Specialists	58	68	10	18%	0.9%	\$30.62	Associate's degree	None	None
17-3011	Architectural and Civil Drafters	58	54	(4)	(7%)	0.9%	\$25.80	Associate's degree	None	None
11-9198	Personal Service Managers, All Other, Entertainment and F	56	65	9	15%	0.9%	\$45.68	Bachelor's degree	Less than 5 years	None
27-4021	Photographers	52	57	5	10%	0.8%	\$21.46	High school diploma or equivalent	None	Moderate-term on-the-job training
17-3022	Civil Engineering Technologists and Technicians	52	46	(6)	(11%)	0.8%	\$18.02	Associate's degree	None	None
43-3021	Billing and Posting Clerks	47	48	1	1%	0.7%	\$16.24	High school diploma or equivalent	None	Moderate-term on-the-job training
15-1212	Information Security Analysts	47	62	15	32%	0.7%	\$44.51	Bachelor's degree	Less than 5 years	None
17-1011	Architects, Except Landscape and Naval	46	51	5	10%	0.7%	\$33.49	Bachelor's degree	None	Internship/residency
15-1257	Web Developers and Digital Interface Designers	41	51	9	22%	0.6%	\$26.67	Associate's degree	None	None
43-6011	Executive Secretaries and Executive Administrative Assista	39	39	(0)	(1%)	0.6%	\$23.26	High school diploma or equivalent	Less than 5 years	None
17-3031	Surveying and Mapping Technicians	38	36	(1)	(4%)	0.6%	\$21.35	High school diploma or equivalent	None	Moderate-term on-the-job training
11-3031	Financial Managers	37	45	8	21%	0.6%	\$55.76	Bachelor's degree	5 years or more	None
47-4011	Construction and Building Inspectors	36	36	(1)	(2%)	0.6%	\$28.47	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training
17-1022	Surveyors	36	34	(2)	(5%)	0.6%	\$25.98	Bachelor's degree	None	Internship/residency
13-1081	Logisticians	36	40	4	12%	0.6%	\$38.82	Bachelor's degree	None	None
17-2141	Mechanical Engineers	35	36	1	4%	0.5%	\$38.39	Bachelor's degree	None	None
27-3091	Interpreters and Translators	28	30	2	8%	0.4%	\$18.98	Bachelor's degree	None	None
27-3031	Public Relations Specialists	27	30	3	9%	0.4%	\$24.28	Bachelor's degree	None	None
39-2021	Animal Caretakers	27	31	4	15%	0.4%	\$10.88	High school diploma or equivalent	None	Short-term on-the-job training
11-2021	Marketing Managers	27	35	8	29%	0.4%	\$56.84	Bachelor's degree	5 years or more	None

# Appendix A - Data Sources and Calculations

## Industry Data

Emsi industry data have various sources depending on the class of worker. (1) For QCEW Employees, Emsi primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

## 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.

## State Data Sources

This report uses state data from the following agencies: Texas Workforce Commission