

Staffing Patterns

Manufacturing in 3 Texas Counties

Emsi Q3 2021 Data Set

August 2021

Workforce Solutions of Central Texas

Texas

Parameters

Industries

Code	Description
31	Manufacturing

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
53-7051	Industrial Truck and Tractor Operators	395	400	5	1%	5.2%	\$17.25	No formal education	None	Short-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	368	375	7	2%	4.8%	\$23.89	High school diploma	< 5 years	None
51-2098	Miscellaneous Assemblers and Fabricators	310	314	4	1%	4.0%	\$12.42	High school diploma	None	Moderate-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	264	276	12	5%	3.4%	\$13.82	No formal education	None	Short-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	229	241	12	5%	3.0%	\$18.54	High school diploma	None	Moderate-term on-the-job training
51-4041	Machinists	223	217	(6)	(3%)	2.9%	\$18.17	High school diploma	None	Long-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	200	196	(3)	(2%)	2.6%	\$20.68	Postsecondary non	None	Short-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	180	185	5	3%	2.3%	\$14.17	High school diploma	None	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	179	169	(10)	(6%)	2.3%	\$15.64	High school diploma	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Exc	163	168	5	3%	2.1%	\$28.55	High school diploma	None	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	150	160	10	7%	2.0%	\$16.75	High school diploma	None	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Inventory Clerks	147	143	(5)	(3%)	1.9%	\$17.64	High school diploma	None	Short-term on-the-job training
49-9071	Maintenance and Repair Workers, General	147	150	3	2%	1.9%	\$17.74	High school diploma	None	Moderate-term on-the-job training
11-1021	General and Operations Managers	143	147	5	3%	1.9%	\$37.73	Bachelor's degree	< 5 years	None
51-9041	Extruding, Forming, Pressing, and Compacting Machine Se	142	128	(14)	(10%)	1.8%	\$15.46	High school diploma	None	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Me	132	129	(3)	(2%)	1.7%	\$14.54	High school diploma	None	Moderate-term on-the-job training
51-3023	Slaughtering and Meat Packers	126	174	48	38%	1.6%	\$13.34	No formal education	None	Short-term on-the-job training
43-4051	Customer Service Representatives	121	113	(7)	(6%)	1.6%	\$14.26	High school diploma	None	Short-term on-the-job training
51-9124	Coating, Painting, and Spraying Machine Setters, Opera	120	122	2	1%	1.6%	\$20.35	High school diploma	None	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	119	139	20	17%	1.6%	\$12.38	High school diploma	None	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Opera	118	111	(7)	(6%)	1.5%	\$14.90	High school diploma	None	Moderate-term on-the-job training
53-7064	Packers and Packagers, Hand	118	118	0	0%	1.5%	\$12.06	No formal education	None	Short-term on-the-job training
43-9061	Office Clerks, General	116	114	(2)	(2%)	1.5%	\$15.36	High school diploma	None	Short-term on-the-job training
49-9041	Industrial Machinery Mechanics	111	129	18	16%	1.5%	\$21.95	High school diploma	None	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	100	99	(0)	(0%)	1.3%	\$22.29	High school diploma	None	Long-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	96	107	12	12%	1.2%	\$15.56	High school diploma	None	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators,	92	94	1	1%	1.2%	\$14.20	High school diploma	None	Moderate-term on-the-job training
51-5112	Printing Press Operators	88	83	(5)	(5%)	1.1%	\$14.54	High school diploma	None	Moderate-term on-the-job training
51-9161	Computer Numerically Controlled Tool Operators	83	75	(7)	(9%)	1.1%	\$14.54	High school diploma	None	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	75	86	11	15%	1.0%	\$12.54	High school diploma	None	Short-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, E	68	70	2	3%	0.9%	\$11.12	High school diploma	None	Moderate-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	68	71	3	4%	0.9%	\$17.99	High school diploma	None	Moderate-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Te	66	59	(7)	(11%)	0.9%	\$21.50	High school diploma	None	Moderate-term on-the-job training
11-3051	Industrial Production Managers	61	65	4	6%	0.8%	\$57.53	Bachelor's degree	5 years or more	None
53-7065	Stockers and Order Fillers	56	60	4	7%	0.7%	\$14.10	High school diploma	None	Short-term on-the-job training
43-6014	Secretaries and Administrative Assistants, Except Legal, M	55	51	(4)	(7%)	0.7%	\$13.75	High school diploma	None	Short-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	55	67	12	21%	0.7%	\$27.45	High school diploma	None	Moderate-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	54	54	1	1%	0.7%	\$14.99	High school diploma	None	Moderate-term on-the-job training
17-2112	Industrial Engineers	53	62	9	16%	0.7%	\$42.26	Bachelor's degree	None	None
43-3031	Bookkeeping, Accounting, and Auditing Clerks	51	49	(3)	(5%)	0.7%	\$17.34	Some college, no d	None	Moderate-term on-the-job training
43-1011	First-Line Supervisors of Office and Administrative Support	50	45	(5)	(10%)	0.7%	\$23.87	High school diploma	< 5 years	None
51-6031	Sewing Machine Operators	49	48	(2)	(3%)	0.6%	\$12.96	No formal education	None	Short-term on-the-job training
13-2011	Accountants and Auditors	49	50	1	2%	0.6%	\$30.37	Bachelor's degree	None	None
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine	48	55	7	15%	0.6%	\$10.60	No formal education	None	Moderate-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tende	46	47	1	2%	0.6%	\$13.82	High school diploma	None	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	44	40	(3)	(8%)	0.6%	\$16.98	High school diploma	None	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	43	49	6	13%	0.6%	\$11.25	High school diploma	None	Short-term on-the-job training
11-9198	Personal Service Managers, All Other; Entertainment and F	43	48	5	12%	0.6%	\$45.68	Bachelor's degree	< 5 years	None
51-9141	Semiconductor Processing Technicians	41	55	14	35%	0.5%	\$21.88	High school diploma	None	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tende	40	46	6	15%	0.5%	\$17.76	High school diploma	None	Moderate-term on-the-job training

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