

Workforce Availability

Emsi Q1 2020 Data Set

January 2020



GO TEXAN!

101 S. Mount Street
Fairfield, Texas 75840

Parameters

Occupations

96 items selected. See Appendix A for details.

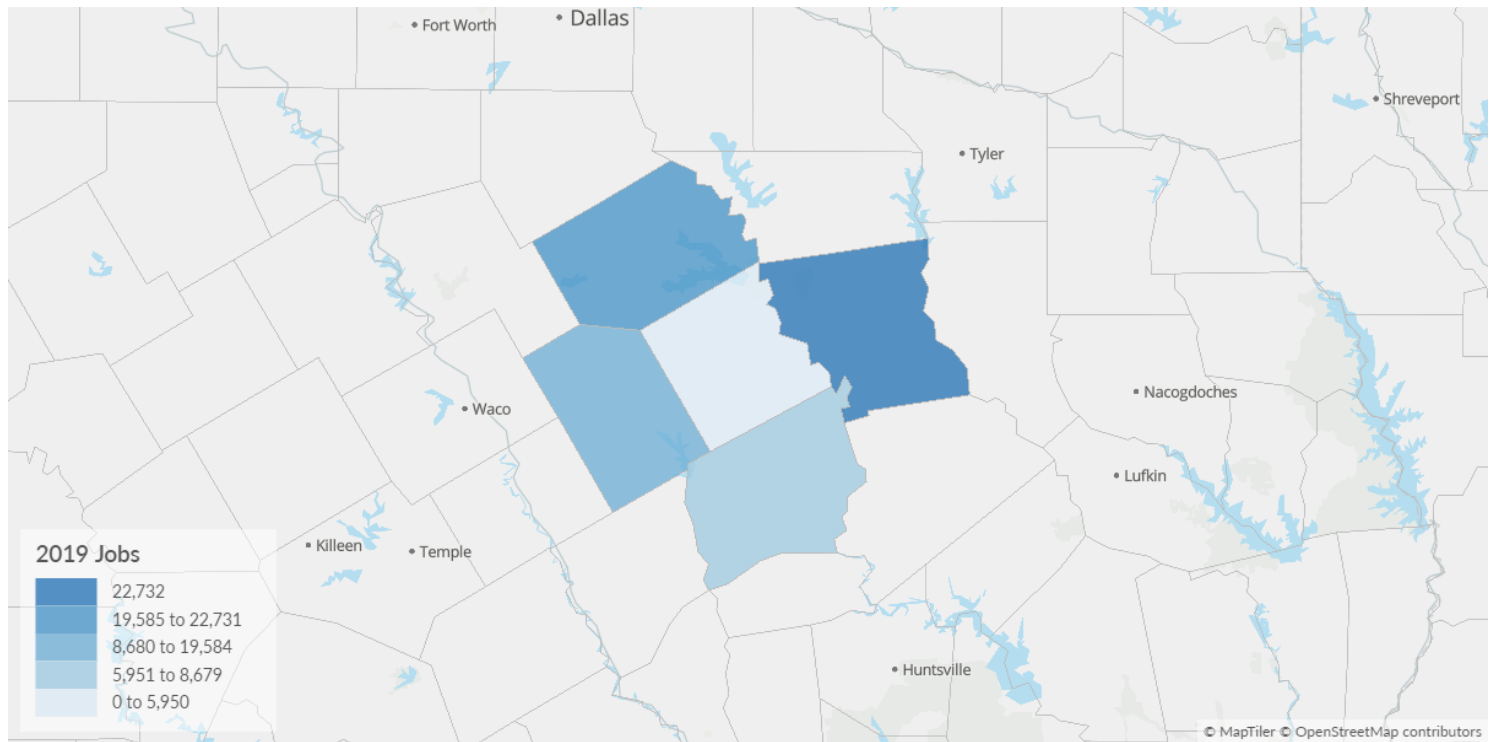
Regions

Code	Description	Code	Description
48001	Anderson County, TX	48293	Limestone County, TX
48161	Freestone County, TX	48349	Navarro County, TX
48289	Leon County, TX		

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2020.1 - QCEW Employees, Non-QCEW Employees, and Self-Employed

96 Occupations in 5 County



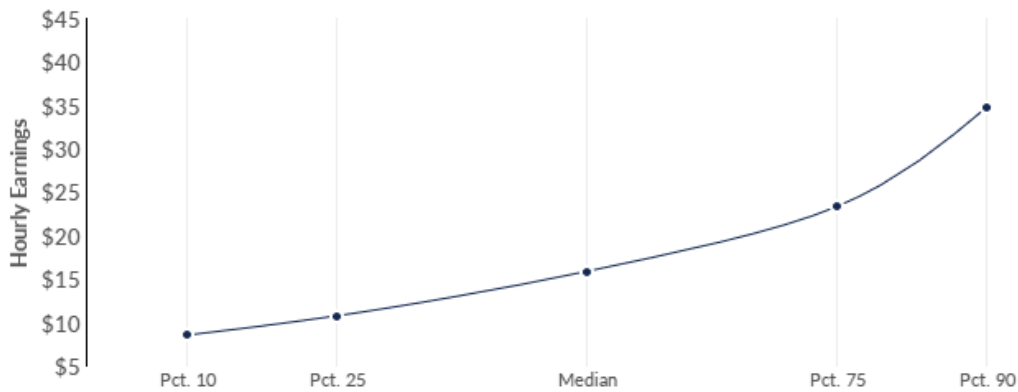
Executive Summary

<p style="text-align: center;">62,475</p> <p style="text-align: center;">Jobs</p> <p>Jobs increased by 607 over the last 5 years. Projected to increase by 3,701 over the next 5 years.</p>	<p style="text-align: center;">1.00</p> <p style="text-align: center;">Concentration</p> <p>Regional job concentration per capita is 1.00 times the national job concentration.</p>	<p style="text-align: center;">\$15.89/hr</p> <p style="text-align: center;">Median Earnings</p> <p>Regional median earnings are \$2.65/hr below the national median earnings of \$18.54/hr.</p>	<p style="text-align: center;">1,321</p> <p style="text-align: center;">Educational Completions</p> <p>Related educational completions are produced by 2 institutions in the region.</p>
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- 96 Occupations increased by 607 from 2014-2019 (1.0%), less than the national growth rate of 7.3%. The occupations are projected to increase by 3,701 from 2019-2024 (5.9%), outpacing the national projected growth rate of 5.4%.
- Regional job concentration per capita for jobs in these 96 occupations is 1.00 times the national job concentration. In other words, there are 0% more jobs in these 96 occupations in this region than we would expect to find in the average region.
- Cost of labor in the region is below median. The median earnings for 96 Occupations in the region is \$15.89/hr, which is \$2.65/hr below the national median of \$18.54/hr.

Earnings

<p>\$20.13/hr</p> <p>Average Earnings</p>	<p>\$10.77/hr</p> <p>25th Percentile Earnings</p>	<p>\$15.89/hr</p> <p>Median Earnings</p>	<p>\$23.35/hr</p> <p>75th Percentile Earnings</p>
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Occupation	Average Earnings	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Top Executives (11-1000)	\$52.07	\$25.95	\$40.52	\$64.36
Advertising, Marketing, Promotions, Public Relations, and Sales Managers (11-2000)	\$53.84	\$33.59	\$46.06	\$64.94
Operations Specialties Managers (11-3000)	\$47.29	\$32.93	\$42.47	\$56.18
Other Management Occupations (11-9000)	\$34.66	\$16.29	\$29.79	\$43.63
Business Operations Specialists (13-1000)	\$32.15	\$20.10	\$27.47	\$37.33
Financial Specialists (13-2000)	\$33.88	\$20.61	\$28.73	\$39.50
Computer Occupations (15-1100)	\$34.78	\$21.47	\$29.29	\$43.69
Mathematical Science Occupations (15-2000)	\$40.86	\$27.52	\$36.27	\$48.90
Architects, Surveyors, and Cartographers (17-1000)	\$33.13	\$20.51	\$27.75	\$38.82
Engineers (17-2000)	\$47.57	\$32.54	\$42.30	\$55.90
Drafters, Engineering Technicians, and Mapping Technicians (17-3000)	\$23.98	\$17.81	\$21.34	\$28.36
Life Scientists (19-1000)	\$32.03	\$23.94	\$31.07	\$38.35
Physical Scientists (19-2000)	\$42.99	\$27.61	\$36.56	\$52.80

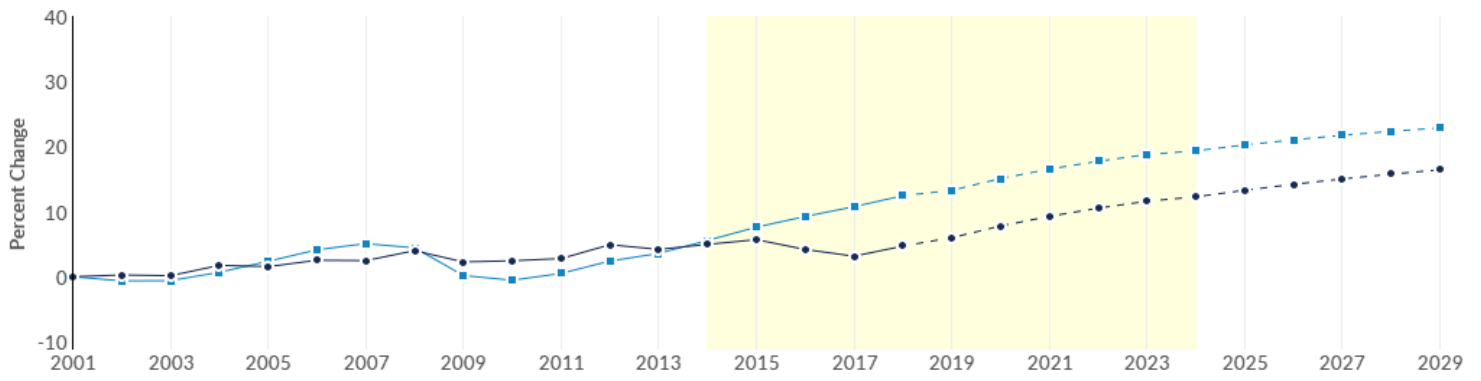
Occupation	Average Earnings	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Social Scientists and Related Workers (19-3000)	\$34.86	\$24.06	\$30.43	\$40.59
Life, Physical, and Social Science Technicians (19-4000)	\$23.22	\$16.79	\$20.88	\$27.34
Counselors, Social Workers, and Other Community and Social Service Specialists (21-1000)	\$23.31	\$17.45	\$22.67	\$28.03
Religious Workers (21-2000)	\$24.35	\$15.74	\$22.25	\$28.67
Lawyers, Judges, and Related Workers (23-1000)	\$48.62	\$21.48	\$34.31	\$64.13
Legal Support Workers (23-2000)	\$24.02	\$15.77	\$20.13	\$27.18
Postsecondary Teachers (25-1000)	\$31.60	\$15.89	\$28.57	\$39.29
Preschool, Primary, Secondary, and Special Education School Teachers (25-2000)	\$23.20	\$19.76	\$23.04	\$26.76
Other Teachers and Instructors (25-3000)	\$13.15	\$8.71	\$9.91	\$11.98
Librarians, Curators, and Archivists (25-4000)	\$18.91	\$11.72	\$18.05	\$25.16
Other Education, Training, and Library Occupations (25-9000)	\$11.98	\$8.73	\$9.90	\$12.66
Art and Design Workers (27-1000)	\$20.08	\$8.65	\$12.80	\$23.20
Entertainers and Performers, Sports and Related Workers (27-2000)	\$26.82	\$12.10	\$21.14	\$31.90
Media and Communication Workers (27-3000)	\$24.50	\$13.76	\$19.66	\$27.32
Media and Communication Equipment Workers (27-4000)	\$23.28	\$8.74	\$14.93	\$24.78
Health Diagnosing and Treating Practitioners (29-1000)	\$44.25	\$27.57	\$35.02	\$50.25
Health Technologists and Technicians (29-2000)	\$21.05	\$16.08	\$20.78	\$24.77
Other Healthcare Practitioners and Technical Occupations (29-9000)	\$30.02	\$20.74	\$27.17	\$36.07
Nursing, Psychiatric, and Home Health Aides (31-1000)	\$11.89	\$9.95	\$11.29	\$13.00
Occupational Therapy and Physical Therapist Assistants and Aides (31-2000)	\$30.29	\$16.59	\$29.13	\$39.35

Occupation	Average Earnings	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Other Healthcare Support Occupations (31-9000)	\$14.90	\$11.24	\$13.99	\$16.47
Supervisors of Protective Service Workers (33-1000)	\$26.02	\$22.38	\$22.57	\$26.26
Fire Fighting and Prevention Workers (33-2000)	\$20.43	\$14.35	\$18.54	\$25.46
Law Enforcement Workers (33-3000)	\$21.14	\$18.81	\$20.80	\$22.34
Other Protective Service Workers (33-9000)	\$14.75	\$10.05	\$13.89	\$17.06
Supervisors of Food Preparation and Serving Workers (35-1000)	\$16.95	\$11.82	\$15.35	\$19.49
Cooks and Food Preparation Workers (35-2000)	\$10.64	\$8.53	\$9.90	\$12.08
Food and Beverage Serving Workers (35-3000)	\$9.54	\$8.04	\$8.85	\$10.29
Other Food Preparation and Serving Related Workers (35-9000)	\$9.47	\$8.27	\$9.08	\$10.28
Supervisors of Building and Grounds Cleaning and Maintenance Workers (37-1000)	\$19.19	\$10.92	\$16.42	\$22.82
Building Cleaning and Pest Control Workers (37-2000)	\$11.32	\$8.49	\$9.91	\$12.10
Grounds Maintenance Workers (37-3000)	\$13.76	\$8.20	\$11.21	\$15.08
Supervisors of Personal Care and Service Workers (39-1000)	\$18.60	\$12.91	\$16.73	\$22.50
Animal Care and Service Workers (39-2000)	\$14.40	\$8.25	\$10.71	\$15.35
Entertainment Attendants and Related Workers (39-3000)	\$10.93	\$8.70	\$9.61	\$10.87
Funeral Service Workers (39-4000)	\$16.77	\$11.50	\$14.32	\$18.39
Personal Appearance Workers (39-5000)	\$15.71	\$8.12	\$11.77	\$18.35
Baggage Porters, Bellhops, and Concierges (39-6000)	\$13.53	\$10.58	\$12.72	\$15.48
Tour and Travel Guides (39-7000)	\$22.05	\$10.53	\$14.90	\$23.53
Other Personal Care and Service Workers (39-9000)	\$11.06	\$8.46	\$9.62	\$11.72
Supervisors of Sales Workers (41-1000)	\$22.31	\$12.38	\$17.31	\$24.96
Retail Sales Workers (41-2000)	\$11.41	\$8.51	\$9.90	\$12.13

Occupation	Average Earnings	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Sales Representatives, Services (41-3000)	\$28.42	\$14.17	\$21.18	\$31.66
Sales Representatives, Wholesale and Manufacturing (41-4000)	\$30.40	\$17.12	\$25.37	\$39.46
Other Sales and Related Workers (41-9000)	\$31.64	\$11.27	\$19.69	\$33.70
Supervisors of Office and Administrative Support Workers (43-1000)	\$26.21	\$17.90	\$23.98	\$32.61
Communications Equipment Operators (43-2000)	\$13.73	\$10.65	\$12.94	\$15.90
Financial Clerks (43-3000)	\$16.96	\$12.46	\$15.54	\$19.51
Information and Record Clerks (43-4000)	\$14.79	\$11.03	\$13.93	\$17.31
Material Recording, Scheduling, Dispatching, and Distributing Workers (43-5000)	\$16.29	\$11.30	\$14.58	\$19.35
Secretaries and Administrative Assistants (43-6000)	\$15.94	\$12.00	\$14.97	\$18.70
Other Office and Administrative Support Workers (43-9000)	\$16.72	\$11.63	\$15.28	\$19.90
Supervisors of Farming, Fishing, and Forestry Workers (45-1000)	\$20.98	\$13.57	\$19.81	\$24.22
Agricultural Workers (45-2000)	\$11.80	\$8.83	\$10.26	\$12.72
Fishing and Hunting Workers (45-3000)	\$31.66	\$9.16	\$18.49	\$34.73
Forest, Conservation, and Logging Workers (45-4000)	\$18.30	\$9.04	\$14.00	\$21.73
Supervisors of Construction and Extraction Workers (47-1000)	\$28.99	\$21.38	\$26.97	\$33.63
Construction Trades Workers (47-2000)	\$18.61	\$12.78	\$16.28	\$21.00
Helpers, Construction Trades (47-3000)	\$17.13	\$11.58	\$14.61	\$20.45
Other Construction and Related Workers (47-4000)	\$20.90	\$15.02	\$18.55	\$24.19
Extraction Workers (47-5000)	\$19.09	\$14.57	\$17.22	\$21.51
Supervisors of Installation, Maintenance, and Repair Workers (49-1000)	\$28.53	\$19.94	\$26.93	\$35.54
Electrical and Electronic Equipment Mechanics, Installers, and Repairers (49-2000)	\$24.32	\$17.79	\$23.49	\$29.62

Occupation	Average Earnings	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers (49-3000)	\$20.44	\$14.07	\$18.89	\$25.59
Other Installation, Maintenance, and Repair Occupations (49-9000)	\$19.92	\$13.39	\$17.98	\$24.60
Supervisors of Production Workers (51-1000)	\$27.76	\$19.76	\$24.37	\$34.43
Assemblers and Fabricators (51-2000)	\$14.00	\$11.03	\$13.37	\$15.97
Food Processing Workers (51-3000)	\$12.13	\$9.04	\$10.86	\$13.97
Metal Workers and Plastic Workers (51-4000)	\$18.72	\$13.71	\$17.15	\$21.65
Printing Workers (51-5100)	\$13.48	\$8.90	\$12.63	\$16.87
Textile, Apparel, and Furnishings Workers (51-6000)	\$11.23	\$8.06	\$9.49	\$12.65
Woodworkers (51-7000)	\$12.81	\$8.52	\$11.26	\$14.95
Plant and System Operators (51-8000)	\$27.36	\$15.34	\$23.92	\$36.66
Other Production Occupations (51-9000)	\$16.32	\$11.34	\$14.75	\$19.79
Supervisors of Transportation and Material Moving Workers (53-1000)	\$29.36	\$20.82	\$27.49	\$36.32
Air Transportation Workers (53-2000)	\$60.96	\$37.00	\$49.13	\$72.16
Motor Vehicle Operators (53-3000)	\$19.61	\$12.35	\$16.54	\$21.87
Rail Transportation Workers (53-4000)	\$28.13	\$18.49	\$26.05	\$36.10
Water Transportation Workers (53-5000)	\$30.00	\$14.15	\$22.49	\$39.13
Other Transportation Workers (53-6000)	\$18.26	\$9.82	\$12.43	\$24.20
Material Moving Workers (53-7000)	\$15.06	\$10.98	\$13.61	\$17.83
Military-only occupations (55-9000)	\$18.03	\$10.22	\$14.70	\$23.33
Unclassified Occupation (99-9000)	\$0.00	\$0.00	\$0.00	\$0.00

Regional Trends



Region	2014 Jobs	2019 Jobs	2024 Jobs	Change	2014-2019 Growth %	2019-2024 Growth %
● 5 County	61,869	62,475	66,177	4,308	1.0%	5.9%
■ Nation	153,497,119	164,699,638	173,535,171	20,038,052	7.3%	5.4%

Job Growth by County

County	County Name	2014 Jobs	2019 Jobs	2014-2019 % Change	Avg. Hourly Earnings
48001	Anderson County, TX	20,649	22,732	10%	\$20.91/hr
48349	Navarro County, TX	18,875	19,585	4%	\$19.28/hr
48293	Limestone County, TX	9,046	8,680	-4%	\$20.46/hr
48161	Freestone County, TX	6,696	5,528	-17%	\$19.66/hr
48289	Leon County, TX	6,603	5,951	-10%	\$19.91/hr

Occupation Gender Breakdown



Gender	2019 Jobs	2019 Percent
Males	32,400	51.9%
Females	30,076	48.1%

Occupation Age Breakdown



Age	2019 Jobs	2019 Percent
14-18	1,402	2.2%
19-24	5,747	9.2%
25-34	12,727	20.4%
35-44	14,056	22.5%
45-54	13,101	21.0%
55-64	10,779	17.3%
65+	4,663	7.5%

Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2019 Jobs	2019 Percent
White	34,446	55.1%
Hispanic or Latino	16,864	27.0%
Black or African American	8,609	13.8%
Asian	1,703	2.7%
Two or More Races	597	1.0%
Native Hawaiian or Other Pacific Islander	133	0.2%
American Indian or Alaska Native	124	0.2%

Educational Completions

50
Programs (2018)

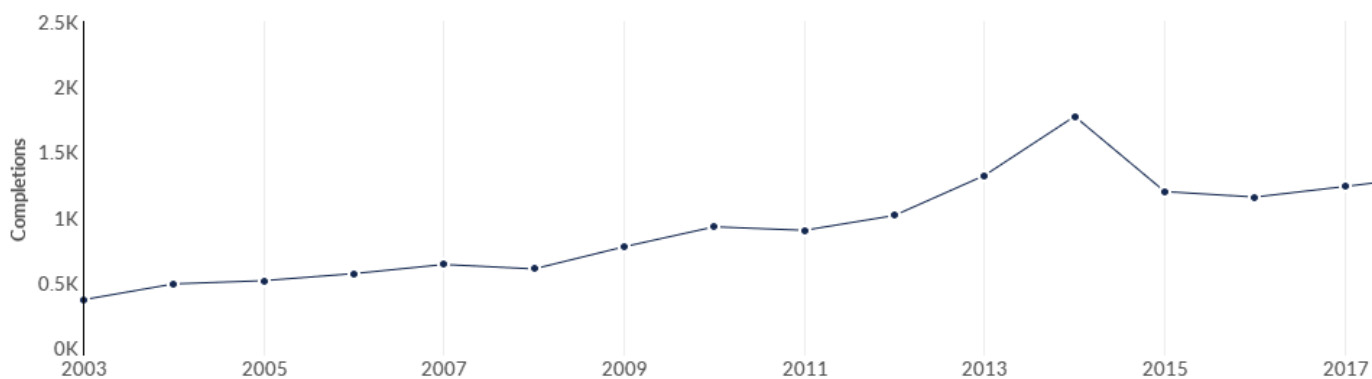
1,321
Completions (2018)

CIP Code	Program	Completions (2014)	Completions (2015)	Completions (2016)	Completions (2017)	Completions (2018)
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	230	122	100	114	134
51.3801	Registered Nursing/Registered Nurse	144	135	111	120	134
48.0508	Welding Technology/Welder	33	44	47	56	117
43.0107	Criminal Justice/Police Science	122	69	135	80	115
51.3501	Massage Therapy/Therapeutic Massage	228	158	116	126	113
12.0401	Cosmetology/Cosmetologist, General	105	64	51	79	97
52.0201	Business Administration and Management, General	134	83	69	73	83
51.3901	Licensed Practical/Vocational Nurse Training	94	55	39	62	81
13.1203	Junior High/Intermediate/Middle School Education and Teaching	36	23	44	54	58
12.0409	Aesthetician/Esthetician and Skin Care Specialist	20	70	45	70	52
01.0201	Agricultural Mechanization, General	32	40	25	30	47
51.0803	Occupational Therapist Assistant	68	46	48	37	40
43.0203	Fire Science/Fire-fighting	66	37	45	28	38
24.0101	Liberal Arts and Sciences/Liberal Studies	0	0	0	42	34
42.0101	Psychology, General	31	31	31	31	27
15.0903	Petroleum Technology/Technician	71	43	67	43	23
51.0716	Medical Administrative/Executive Assistant and Medical Secretary	21	13	3	0	13

13.1205	Secondary Education and Teaching	10	15	16	8	11
31.0501	Health and Physical Education/Fitness, General	0	0	0	17	10
52.0401	Administrative Assistant and Secretarial Science, General	31	16	18	10	9
11.0301	Data Processing and Data Processing Technology/Technician	35	8	8	15	8
19.0706	Child Development	22	30	18	10	7
22.0302	Legal Assistant/Paralegal	33	12	9	5	7
45.1101	Sociology	0	0	0	6	7
50.0101	Visual and Performing Arts, General	13	10	7	6	7
51.0806	Physical Therapy Technician/Assistant	0	0	0	17	7
50.0701	Art/Art Studies, General	0	0	0	3	6
51.1004	Clinical/Medical Laboratory Technician	8	7	8	10	6
52.0301	Accounting	44	20	44	21	6
52.0407	Business/Office Automation/Technology/Data Entry	19	12	8	11	5
50.0402	Commercial and Advertising Art	27	9	8	8	4
40.0501	Chemistry, General	0	0	0	1	3
43.0201	Fire Prevention and Safety Technology/Technician	18	4	12	6	3
51.0808	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	1	1	0	1	3
14.0101	Engineering, General	0	4	1	3	2
26.0101	Biology/Biological Sciences, General	11	4	3	2	1
27.0101	Mathematics, General	2	2	5	5	1
51.0805	Pharmacy Technician/Assistant	1	2	1	2	1
51.2201	Public Health, General	1	1	1	1	1

09.0101	Speech Communication and Rhetoric	1	0	0	0	0
11.0201	Computer Programming/Programmer, General	2	0	0	0	0
12.0413	Cosmetology, Barber/Styling, and Nail Instructor	1	1	1	0	0
13.0101	Education, General	8	0	0	0	0
13.1202	Elementary Education and Teaching	12	0	0	0	0
13.1210	Early Childhood Education and Teaching	21	0	0	0	0
15.0403	Electromechanical Technology/Electromechanical Engineering Technology	9	2	3	0	0
43.0202	Fire Services Administration	4	2	2	0	0
47.0302	Heavy Equipment Maintenance Technology/Technician	1	2	6	8	0
50.0706	Intermedia/Multimedia	0	0	0	13	0
51.0602	Dental Hygiene/Hygienist	4	0	0	2	0

Completions Trend



Regional Completions by Award Level



Award Level	Completions (2018)	Percent
● Award of less than 1 academic year	157	11.9%
● Award of at least 1 but less than 2 academic years	610	46.2%
● Associate's Degree	554	41.9%
Award of at least 2 but less than 4 academic years	0	0.0%
Bachelor's Degree	0	0.0%
Postbaccalaureate certificate	0	0.0%
Master's Degree	0	0.0%
Post-masters certificate	0	0.0%
Doctor's Degree	0	0.0%

Regional Completions by Institution

Institution	Certificates (2018)	Degrees (2018)	Total Completions (2018)
Navarro College	610	554	1,164
Utah College of Massage Therapy-Dallas	157	0	157

Appendix A - Occupations

Code	Description	Code	Description
11-1000	Top Executives	39-4000	Funeral Service Workers
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	39-5000	Personal Appearance Workers
11-3000	Operations Specialties Managers	39-6000	Baggage Porters, Bellhops, and Concierges
11-9000	Other Management Occupations	39-7000	Tour and Travel Guides
13-1000	Business Operations Specialists	39-9000	Other Personal Care and Service Workers
13-2000	Financial Specialists	41-1000	Supervisors of Sales Workers
15-1100	Computer Occupations	41-2000	Retail Sales Workers
15-2000	Mathematical Science Occupations	41-3000	Sales Representatives, Services
17-1000	Architects, Surveyors, and Cartographers	41-4000	Sales Representatives, Wholesale and Manufacturing
17-2000	Engineers	41-9000	Other Sales and Related Workers
17-3000	Drafters, Engineering Technicians, and Mapping Technicians	43-1000	Supervisors of Office and Administrative Support Workers
19-1000	Life Scientists	43-2000	Communications Equipment Operators
19-2000	Physical Scientists	43-3000	Financial Clerks
19-3000	Social Scientists and Related Workers	43-4000	Information and Record Clerks
19-4000	Life, Physical, and Social Science Technicians	43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	43-6000	Secretaries and Administrative Assistants
21-2000	Religious Workers	43-9000	Other Office and Administrative Support Workers
23-1000	Lawyers, Judges, and Related Workers	45-1000	Supervisors of Farming, Fishing, and Forestry Workers

23-2000	Legal Support Workers	45-2000	Agricultural Workers
25-1000	Postsecondary Teachers	45-3000	Fishing and Hunting Workers
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	45-4000	Forest, Conservation, and Logging Workers
25-3000	Other Teachers and Instructors	47-1000	Supervisors of Construction and Extraction Workers
25-4000	Librarians, Curators, and Archivists	47-2000	Construction Trades Workers
25-9000	Other Education, Training, and Library Occupations	47-3000	Helpers, Construction Trades
27-1000	Art and Design Workers	47-4000	Other Construction and Related Workers
27-2000	Entertainers and Performers, Sports and Related Workers	47-5000	Extraction Workers
27-3000	Media and Communication Workers	49-1000	Supervisors of Installation, Maintenance, and Repair Workers
27-4000	Media and Communication Equipment Workers	49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers
29-1000	Health Diagnosing and Treating Practitioners	49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers
29-2000	Health Technologists and Technicians	49-9000	Other Installation, Maintenance, and Repair Occupations
29-9000	Other Healthcare Practitioners and Technical Occupations	51-1000	Supervisors of Production Workers
31-1000	Nursing, Psychiatric, and Home Health Aides	51-2000	Assemblers and Fabricators
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	51-3000	Food Processing Workers
31-9000	Other Healthcare Support Occupations	51-4000	Metal Workers and Plastic Workers
33-1000	Supervisors of Protective Service Workers	51-5100	Printing Workers
33-2000	Fire Fighting and Prevention Workers	51-6000	Textile, Apparel, and Furnishings Workers
33-3000	Law Enforcement Workers	51-7000	Woodworkers

33-9000	Other Protective Service Workers	51-8000	Plant and System Operators
35-1000	Supervisors of Food Preparation and Serving Workers	51-9000	Other Production Occupations
35-2000	Cooks and Food Preparation Workers	53-1000	Supervisors of Transportation and Material Moving Workers
35-3000	Food and Beverage Serving Workers	53-2000	Air Transportation Workers
35-9000	Other Food Preparation and Serving Related Workers	53-3000	Motor Vehicle Operators
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	53-4000	Rail Transportation Workers
37-2000	Building Cleaning and Pest Control Workers	53-5000	Water Transportation Workers
37-3000	Grounds Maintenance Workers	53-6000	Other Transportation Workers
39-1000	Supervisors of Personal Care and Service Workers	53-7000	Material Moving Workers
39-2000	Animal Care and Service Workers	55-9000	Military-only occupations
39-3000	Entertainment Attendants and Related Workers	99-9000	Unclassified Occupation

Appendix B - Data Sources and Calculations

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.

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.