

Workforce Availability

Emsi Q2 2019 Data Set

April 2019



GO TEXAN!

101 S. Mount Street
Fairfield, Texas 75840

Parameters

Occupations

96 items selected. See Appendix A for details.

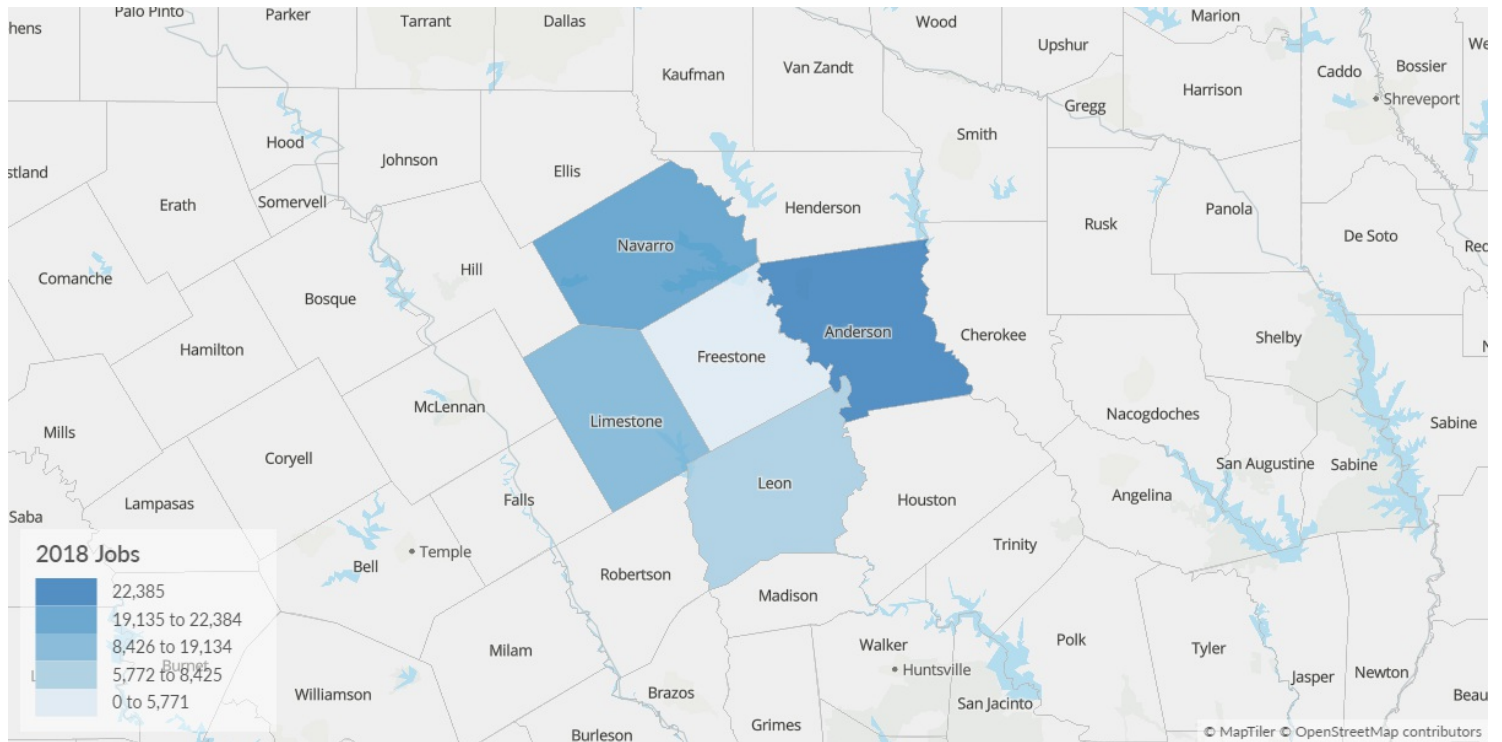
Regions

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

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2019.2 - QCEW Employees, Non-QCEW Employees, and Self-Employed

96 Occupations in 5 County



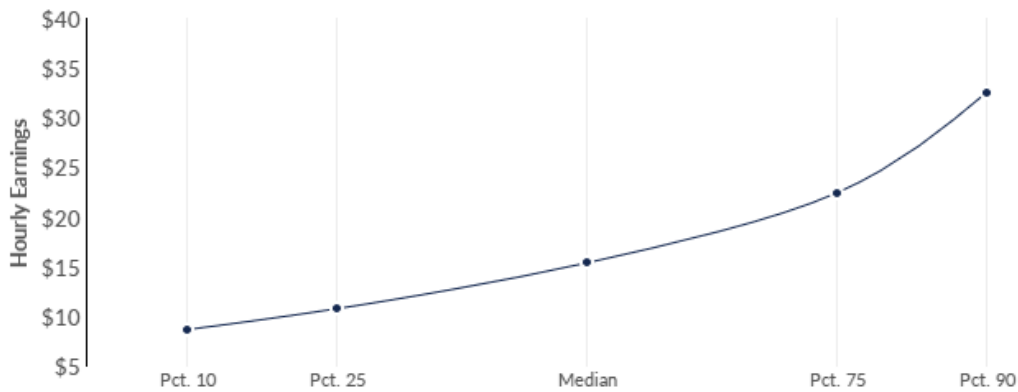
Executive Summary

<p>61,328 Jobs</p> <p>Jobs decreased by 71 over the last 5 years. Projected to increase by 3,288 over the next 5 years.</p>	<p>1.00 Concentration</p> <p>Regional job concentration is 1.00 times the national job concentration.</p>	<p>\$15.38/hr Median Earnings</p> <p>Regional median earnings are \$2.45/hr below the national median earnings of \$17.83/hr.</p>	<p>1,236 Educational Completions</p> <p>Related educational completions are produced by 2 institutions in the region.</p>
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- 96 Occupations decreased by 71 from 2013-2018 (-0.1%), less than the national growth rate of 8.2%. The occupations are projected to increase by 3,288 from 2018-2023 (5.4%), less than the national projected growth rate of 5.7%.
- Regional job concentration 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 average. The median earnings for 96 Occupations in the region is \$15.38/hr, which is \$2.45/hr below the national median of \$17.83/hr.
- There were 1,236 relevant completions from 2 institutions in the region in 2017.

Earnings

<p>\$19.14/hr</p> <p>Average Earnings</p>	<p>\$10.76/hr</p> <p>25th Percentile Earnings</p>	<p>\$15.38/hr</p> <p>Median Earnings</p>	<p>\$22.44/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)	\$54.16	\$28.28	\$44.64	\$67.23
Advertising, Marketing, Promotions, Public Relations, and Sales Managers (11-2000)	\$46.92	\$25.05	\$35.83	\$60.88
Operations Specialties Managers (11-3000)	\$49.84	\$32.47	\$44.15	\$59.53
Other Management Occupations (11-9000)	\$27.66	\$14.37	\$20.96	\$37.40
Business Operations Specialists (13-1000)	\$29.99	\$20.03	\$27.12	\$36.96
Financial Specialists (13-2000)	\$31.25	\$20.49	\$27.50	\$37.30
Computer Occupations (15-1100)	\$31.97	\$21.45	\$28.33	\$39.13
Mathematical Science Occupations (15-2000)	\$37.38	\$26.09	\$34.76	\$45.79
Architects, Surveyors, and Cartographers (17-1000)	\$31.81	\$23.48	\$27.78	\$35.48
Engineers (17-2000)	\$50.51	\$32.18	\$42.14	\$58.71
Drafters, Engineering Technicians, and Mapping Technicians (17-3000)	\$24.41	\$17.28	\$20.98	\$27.79
Life Scientists (19-1000)	\$32.96	\$23.51	\$30.52	\$38.32
Physical Scientists (19-2000)	\$39.64	\$26.07	\$35.10	\$49.98

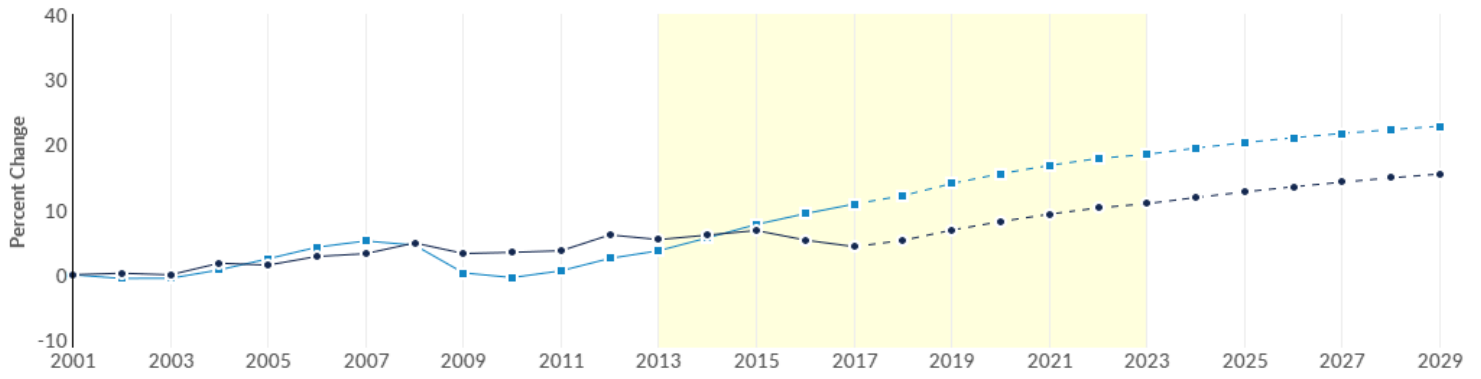
Occupation	Average Earnings	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Social Scientists and Related Workers (19-3000)	\$33.16	\$23.23	\$29.99	\$38.09
Life, Physical, and Social Science Technicians (19-4000)	\$21.86	\$15.19	\$20.03	\$26.11
Counselors, Social Workers, and Other Community and Social Service Specialists (21-1000)	\$21.83	\$16.78	\$20.67	\$26.34
Religious Workers (21-2000)	\$22.25	\$16.34	\$20.02	\$27.11
Lawyers, Judges, and Related Workers (23-1000)	\$40.04	\$23.17	\$35.91	\$50.50
Legal Support Workers (23-2000)	\$18.60	\$13.46	\$17.23	\$23.63
Postsecondary Teachers (25-1000)	\$33.23	\$18.70	\$29.04	\$39.63
Preschool, Primary, Secondary, and Special Education School Teachers (25-2000)	\$23.48	\$19.96	\$23.26	\$26.97
Other Teachers and Instructors (25-3000)	\$13.87	\$8.97	\$10.37	\$13.00
Librarians, Curators, and Archivists (25-4000)	\$21.65	\$13.64	\$21.39	\$27.87
Other Education, Training, and Library Occupations (25-9000)	\$12.44	\$8.83	\$9.99	\$12.92
Art and Design Workers (27-1000)	\$16.92	\$10.34	\$14.71	\$20.44
Entertainers and Performers, Sports and Related Workers (27-2000)	\$23.43	\$13.65	\$19.47	\$28.36
Media and Communication Workers (27-3000)	\$21.29	\$14.59	\$19.26	\$25.19
Media and Communication Equipment Workers (27-4000)	\$18.95	\$13.82	\$16.56	\$20.35
Health Diagnosing and Treating Practitioners (29-1000)	\$42.25	\$26.14	\$32.92	\$44.35
Health Technologists and Technicians (29-2000)	\$20.34	\$15.06	\$19.94	\$24.20
Other Healthcare Practitioners and Technical Occupations (29-9000)	\$30.38	\$20.30	\$27.74	\$36.88
Nursing, Psychiatric, and Home Health Aides (31-1000)	\$11.55	\$9.85	\$11.25	\$12.71
Occupational Therapy and Physical Therapist Assistants and Aides (31-2000)	\$25.82	\$12.19	\$23.22	\$35.11

Occupation	Average Earnings	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Other Healthcare Support Occupations (31-9000)	\$14.61	\$11.51	\$13.82	\$16.18
Supervisors of Protective Service Workers (33-1000)	\$25.44	\$20.88	\$22.04	\$26.57
Fire Fighting and Prevention Workers (33-2000)	\$17.70	\$13.88	\$17.95	\$21.99
Law Enforcement Workers (33-3000)	\$20.95	\$18.16	\$20.66	\$25.16
Other Protective Service Workers (33-9000)	\$14.38	\$9.54	\$13.01	\$19.18
Supervisors of Food Preparation and Serving Workers (35-1000)	\$18.34	\$12.67	\$16.36	\$23.31
Cooks and Food Preparation Workers (35-2000)	\$10.67	\$8.72	\$10.16	\$12.07
Food and Beverage Serving Workers (35-3000)	\$9.34	\$8.06	\$8.85	\$9.98
Other Food Preparation and Serving Related Workers (35-9000)	\$9.25	\$8.19	\$8.92	\$9.93
Supervisors of Building and Grounds Cleaning and Maintenance Workers (37-1000)	\$15.13	\$11.94	\$13.43	\$16.09
Building Cleaning and Pest Control Workers (37-2000)	\$10.67	\$8.55	\$9.86	\$11.74
Grounds Maintenance Workers (37-3000)	\$11.93	\$10.49	\$10.97	\$12.41
Supervisors of Personal Care and Service Workers (39-1000)	\$17.48	\$12.42	\$15.77	\$21.22
Animal Care and Service Workers (39-2000)	\$11.46	\$9.96	\$11.23	\$12.37
Entertainment Attendants and Related Workers (39-3000)	\$10.63	\$8.28	\$9.11	\$10.61
Funeral Service Workers (39-4000)	\$17.52	\$11.57	\$14.56	\$22.21
Personal Appearance Workers (39-5000)	\$12.05	\$11.09	\$12.36	\$12.70
Baggage Porters, Bellhops, and Concierges (39-6000)	\$11.06	\$9.07	\$10.57	\$12.52
Tour and Travel Guides (39-7000)	\$13.97	\$8.48	\$16.21	\$17.95
Other Personal Care and Service Workers (39-9000)	\$9.86	\$8.10	\$9.10	\$10.56
Supervisors of Sales Workers (41-1000)	\$19.58	\$13.42	\$16.19	\$21.08
Retail Sales Workers (41-2000)	\$10.94	\$8.42	\$9.73	\$11.91

Occupation	Average Earnings	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Sales Representatives, Services (41-3000)	\$28.48	\$14.68	\$21.90	\$30.57
Sales Representatives, Wholesale and Manufacturing (41-4000)	\$28.62	\$16.14	\$23.64	\$37.87
Other Sales and Related Workers (41-9000)	\$21.03	\$12.13	\$18.34	\$22.45
Supervisors of Office and Administrative Support Workers (43-1000)	\$25.84	\$18.02	\$24.03	\$31.67
Communications Equipment Operators (43-2000)	\$12.43	\$9.51	\$11.34	\$14.27
Financial Clerks (43-3000)	\$16.17	\$12.10	\$15.17	\$18.80
Information and Record Clerks (43-4000)	\$14.84	\$10.82	\$13.97	\$17.56
Material Recording, Scheduling, Dispatching, and Distributing Workers (43-5000)	\$15.84	\$10.96	\$14.17	\$18.73
Secretaries and Administrative Assistants (43-6000)	\$15.23	\$11.58	\$14.46	\$17.93
Other Office and Administrative Support Workers (43-9000)	\$15.83	\$11.11	\$14.50	\$19.02
Supervisors of Farming, Fishing, and Forestry Workers (45-1000)	\$21.62	\$16.86	\$20.56	\$25.07
Agricultural Workers (45-2000)	\$11.16	\$8.36	\$9.66	\$12.00
Fishing and Hunting Workers (45-3000)	\$18.50	\$16.41	\$18.16	\$20.37
Forest, Conservation, and Logging Workers (45-4000)	\$13.04	\$10.35	\$13.25	\$15.38
Supervisors of Construction and Extraction Workers (47-1000)	\$27.73	\$18.85	\$25.52	\$33.60
Construction Trades Workers (47-2000)	\$16.50	\$13.64	\$15.48	\$17.80
Helpers, Construction Trades (47-3000)	\$12.66	\$10.08	\$12.46	\$14.72
Other Construction and Related Workers (47-4000)	\$17.54	\$13.58	\$16.87	\$20.47
Extraction Workers (47-5000)	\$19.21	\$14.63	\$17.94	\$22.58
Supervisors of Installation, Maintenance, and Repair Workers (49-1000)	\$29.97	\$20.26	\$27.77	\$37.47
Electrical and Electronic Equipment Mechanics, Installers, and Repairers (49-2000)	\$23.69	\$17.22	\$22.41	\$29.00

Occupation	Average Earnings	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers (49-3000)	\$18.67	\$12.52	\$17.01	\$23.71
Other Installation, Maintenance, and Repair Occupations (49-9000)	\$19.51	\$13.42	\$17.26	\$23.99
Supervisors of Production Workers (51-1000)	\$26.85	\$18.84	\$23.67	\$33.49
Assemblers and Fabricators (51-2000)	\$14.04	\$10.66	\$13.26	\$16.49
Food Processing Workers (51-3000)	\$12.22	\$9.23	\$11.34	\$14.56
Metal Workers and Plastic Workers (51-4000)	\$18.23	\$13.25	\$16.73	\$21.37
Printing Workers (51-5100)	\$16.83	\$11.34	\$15.59	\$19.66
Textile, Apparel, and Furnishings Workers (51-6000)	\$12.15	\$9.19	\$11.53	\$14.26
Woodworkers (51-7000)	\$12.77	\$8.76	\$11.74	\$15.60
Plant and System Operators (51-8000)	\$27.87	\$16.97	\$27.20	\$37.07
Other Production Occupations (51-9000)	\$15.55	\$11.11	\$14.18	\$18.67
Supervisors of Transportation and Material Moving Workers (53-1000)	\$29.72	\$21.60	\$28.17	\$37.28
Air Transportation Workers (53-2000)	\$54.11	\$25.16	\$43.02	\$69.22
Motor Vehicle Operators (53-3000)	\$18.28	\$12.82	\$16.38	\$20.55
Rail Transportation Workers (53-4000)	\$29.31	\$22.21	\$27.17	\$35.69
Water Transportation Workers (53-5000)	\$33.91	\$16.09	\$28.39	\$52.89
Other Transportation Workers (53-6000)	\$16.25	\$9.73	\$11.97	\$16.98
Material Moving Workers (53-7000)	\$14.85	\$10.73	\$13.54	\$17.44
Military-only occupations (55-9000)	\$14.68	\$10.94	\$14.20	\$15.88
Unclassified Occupation (99-9000)	\$0.00	\$0.00	\$0.00	\$0.00

Regional Trends



Region	2013 Jobs	2018 Jobs	2023 Jobs	Change	2013-2018 Growth %	2018-2023 Growth %
● 5 County	61,399	61,328	64,617	3,218	-0.1%	5.4%
■ Nation	150,464,101	162,744,861	171,972,011	21,507,910	8.2%	5.7%

Job Growth by County

County	County Name	2013 Jobs	2018 Jobs	2013-2018 % Change	Avg. Hourly Earnings
48001	Anderson County, TX	20,587	22,385	9%	\$20.05/hr
48349	Navarro County, TX	18,808	19,135	2%	\$18.43/hr
48293	Limestone County, TX	9,144	8,426	-8%	\$19.13/hr
48161	Freestone County, TX	6,646	5,611	-16%	\$18.80/hr
48289	Leon County, TX	6,215	5,772	-7%	\$18.30/hr

Occupation Gender Breakdown



Gender	2018 Jobs	2018 Percent
Males	31,174	50.8%
Females	30,154	49.2%

Occupation Age Breakdown



Age	2018 Jobs	2018 Percent
14-18	1,541	2.5%
19-24	6,133	10.0%
25-34	12,580	20.5%
35-44	13,176	21.5%
45-54	12,972	21.2%
55-64	10,617	17.3%
65+	4,310	7.0%

Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2018 Jobs	2018 Percent
White	34,588	56.4%
Hispanic or Latino	15,781	25.7%
Black or African American	8,641	14.1%
Asian	1,509	2.5%
Two or More Races	560	0.9%
Native Hawaiian or Other Pacific Islander	128	0.2%
American Indian or Alaska Native	121	0.2%

Educational Completions

53

Programs (2017)

1,236

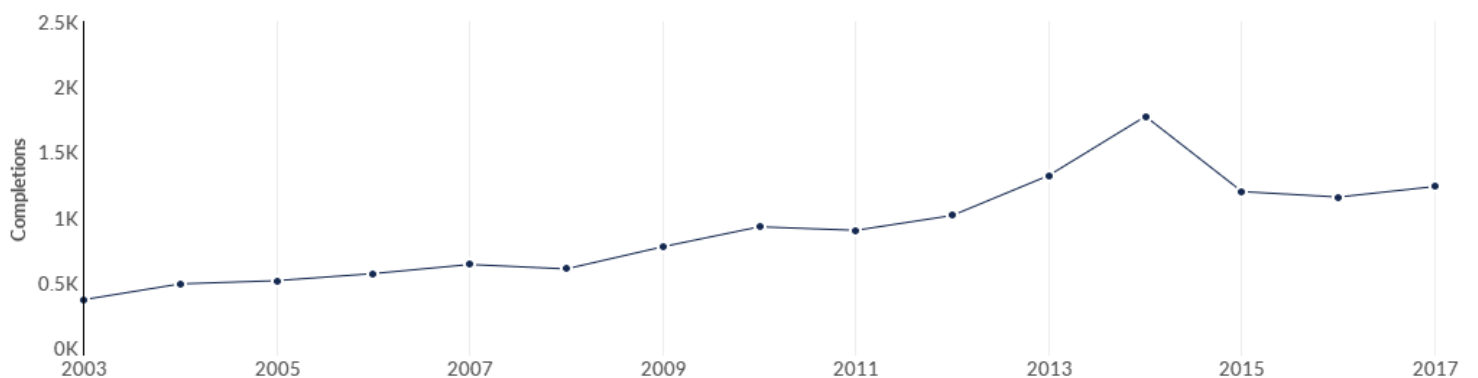
Completions (2017)

CIP Code	Program	Completions (2013)	Completions (2014)	Completions (2015)	Completions (2016)	Completions (2017)
51.3501	Massage Therapy/Therapeutic Massage	153	228	158	116	126
51.3801	Registered Nursing/Registered Nurse	128	144	135	111	120
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	112	230	122	100	114
43.0107	Criminal Justice/Police Science	112	122	69	135	80
12.0401	Cosmetology/Cosmetologist, General	92	105	64	51	79
52.0201	Business Administration and Management, General	79	134	83	69	73
12.0409	Aesthetician/Esthetician and Skin Care Specialist	0	20	70	45	70
51.3901	Licensed Practical/Vocational Nurse Training	79	94	55	39	62
48.0508	Welding Technology/Welder	16	33	44	47	56
13.1203	Junior High/Intermediate/Middle School Education and Teaching	31	36	23	44	54
15.0903	Petroleum Technology/Technician	75	71	43	67	43
24.0101	Liberal Arts and Sciences/Liberal Studies	0	0	0	0	42
51.0803	Occupational Therapist Assistant	39	68	46	48	37
42.0101	Psychology, General	25	31	31	31	31
01.0201	Agricultural Mechanization, General	48	32	40	25	30
43.0203	Fire Science/Fire-fighting	46	66	37	45	28
52.0301	Accounting	40	44	20	44	21

31.0501	Health and Physical Education/Fitness, General	0	0	0	0	17
51.0806	Physical Therapy Technician/Assistant	0	0	0	0	17
11.0301	Data Processing and Data Processing Technology/Technician	25	35	8	8	15
50.0706	Intermedia/Multimedia	0	0	0	0	13
52.0407	Business/Office Automation/Technology/Data Entry	6	19	12	8	11
19.0706	Child Development	27	22	30	18	10
51.1004	Clinical/Medical Laboratory Technician	7	8	7	8	10
52.0401	Administrative Assistant and Secretarial Science, General	27	31	16	18	10
13.1205	Secondary Education and Teaching	17	10	15	16	8
47.0302	Heavy Equipment Maintenance Technology/Technician	0	1	2	6	8
50.0402	Commercial and Advertising Art	15	27	9	8	8
43.0201	Fire Prevention and Safety Technology/Technician	6	18	4	12	6
45.1101	Sociology	0	0	0	0	6
50.0101	Visual and Performing Arts, General	10	13	10	7	6
22.0302	Legal Assistant/Paralegal	30	33	12	9	5
27.0101	Mathematics, General	4	2	2	5	5
14.0101	Engineering, General	6	0	4	1	3
50.0701	Art/Art Studies, General	0	0	0	0	3
26.0101	Biology/Biological Sciences, General	11	11	4	3	2
51.0602	Dental Hygiene/Hygienist	5	4	0	0	2
51.0805	Pharmacy Technician/Assistant	0	1	2	1	2
40.0501	Chemistry, General	0	0	0	0	1

51.0808	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	0	1	1	0	1
51.2201	Public Health, General	1	1	1	1	1
09.0101	Speech Communication and Rhetoric	0	1	0	0	0
11.0201	Computer Programming/Programmer, General	1	2	0	0	0
12.0413	Cosmetology, Barber/Styling, and Nail Instructor	0	1	1	1	0
13.0101	Education, General	8	8	0	0	0
13.1202	Elementary Education and Teaching	0	12	0	0	0
13.1210	Early Childhood Education and Teaching	6	21	0	0	0
15.0403	Electromechanical Technology/Electromechanical Engineering Technology	5	9	2	3	0
30.0801	Mathematics and Computer Science	0	0	0	0	0
40.0801	Physics, General	0	0	0	0	0
43.0202	Fire Services Administration	3	4	2	2	0
51.0000	Health Services/Allied Health/Health Sciences, General	1	0	0	0	0
51.0716	Medical Administrative/Executive Assistant and Medical Secretary	25	21	13	3	0

Completions Trend



Regional Completions by Award Level



Award Level	Completions (2017)	Percent
● Award of less than 1 academic year	183	14.8%
● Award of at least 1 but less than 2 academic years	470	38.0%
● Associate's Degree	583	47.2%
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 (2017)	Degrees (2017)	Total Completions (2017)
Navarro College	470	583	1,053
Utah College of Massage Therapy-Dallas	183	0	183

Appendix A - Occupations

Code	Description
11-1000	Top Executives
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers
11-3000	Operations Specialties Managers
11-9000	Other Management Occupations
13-1000	Business Operations Specialists
13-2000	Financial Specialists
15-1100	Computer Occupations
15-2000	Mathematical Science Occupations
17-1000	Architects, Surveyors, and Cartographers
17-2000	Engineers
17-3000	Drafters, Engineering Technicians, and Mapping Technicians
19-1000	Life Scientists
19-2000	Physical Scientists
19-3000	Social Scientists and Related Workers
19-4000	Life, Physical, and Social Science Technicians
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists
21-2000	Religious Workers
23-1000	Lawyers, Judges, and Related Workers

23-2000	Legal Support Workers
25-1000	Postsecondary Teachers
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers
25-3000	Other Teachers and Instructors
25-4000	Librarians, Curators, and Archivists
25-9000	Other Education, Training, and Library Occupations
27-1000	Art and Design Workers
27-2000	Entertainers and Performers, Sports and Related Workers
27-3000	Media and Communication Workers
27-4000	Media and Communication Equipment Workers
29-1000	Health Diagnosing and Treating Practitioners
29-2000	Health Technologists and Technicians
29-9000	Other Healthcare Practitioners and Technical Occupations
31-1000	Nursing, Psychiatric, and Home Health Aides
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides
31-9000	Other Healthcare Support Occupations
33-1000	Supervisors of Protective Service Workers
33-2000	Fire Fighting and Prevention Workers
33-3000	Law Enforcement Workers

33-9000	Other Protective Service Workers
35-1000	Supervisors of Food Preparation and Serving Workers
35-2000	Cooks and Food Preparation Workers
35-3000	Food and Beverage Serving Workers
35-9000	Other Food Preparation and Serving Related Workers
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers
37-2000	Building Cleaning and Pest Control Workers
37-3000	Grounds Maintenance Workers
39-1000	Supervisors of Personal Care and Service Workers
39-2000	Animal Care and Service Workers
39-3000	Entertainment Attendants and Related Workers
39-4000	Funeral Service Workers
39-5000	Personal Appearance Workers
39-6000	Baggage Porters, Bellhops, and Concierges
39-7000	Tour and Travel Guides
39-9000	Other Personal Care and Service Workers
41-1000	Supervisors of Sales Workers
41-2000	Retail Sales Workers
41-3000	Sales Representatives, Services

41-4000	Sales Representatives, Wholesale and Manufacturing
41-9000	Other Sales and Related Workers
43-1000	Supervisors of Office and Administrative Support Workers
43-2000	Communications Equipment Operators
43-3000	Financial Clerks
43-4000	Information and Record Clerks
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers
43-6000	Secretaries and Administrative Assistants
43-9000	Other Office and Administrative Support Workers
45-1000	Supervisors of Farming, Fishing, and Forestry Workers
45-2000	Agricultural Workers
45-3000	Fishing and Hunting Workers
45-4000	Forest, Conservation, and Logging Workers
47-1000	Supervisors of Construction and Extraction Workers
47-2000	Construction Trades Workers
47-3000	Helpers, Construction Trades
47-4000	Other Construction and Related Workers
47-5000	Extraction Workers
49-1000	Supervisors of Installation, Maintenance, and Repair Workers

49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers
49-9000	Other Installation, Maintenance, and Repair Occupations
51-1000	Supervisors of Production Workers
51-2000	Assemblers and Fabricators
51-3000	Food Processing Workers
51-4000	Metal Workers and Plastic Workers
51-5100	Printing Workers
51-6000	Textile, Apparel, and Furnishings Workers
51-7000	Woodworkers
51-8000	Plant and System Operators
51-9000	Other Production Occupations
53-1000	Supervisors of Transportation and Material Moving Workers
53-2000	Air Transportation Workers
53-3000	Motor Vehicle Operators
53-4000	Rail Transportation Workers
53-5000	Water Transportation Workers
53-6000	Other Transportation Workers
53-7000	Material Moving Workers

55- 9000	Military-only occupations
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99- 9000	Unclassified Occupation
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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.