

# Industry Cluster Identification

for 5 County

Emsi Q3 2020 Data Set

September 2020



101 S. Mount Street  
Fairfield, Texas 75840

# Parameters

## 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		

Datarun: 2020.3 – QCEW Employees, Non-QCEW Employees, and Self-Employed

## Executive Summary

- Your highest ranked cluster is Nonmetal Mining, with a score of 98 (out of 100) points.
- Your average cluster score is 37 (out of 100) points. This is *not* a benchmark against other regions; it only compares the relative performance of your clusters to each other. Clusters ranked higher than 37 are above average for your region, while clusters ranked lower than 37 are below average.
- Top clusters must have a score of at least 45, while bottom clusters must have a score of 29 or less. These thresholds are determined by applying the average deviation (plus or minus 8) to the average cluster score 37.

■ 6 Top Clusters  
 ■ 37 Average Clusters  
 ■ 11 Bottom Clusters



## Cluster Rankings

### ↗ Nonmetal Mining

98

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
212321	Construction Sand and Gravel Mining	11	35
212324	Kaolin and Ball Clay Mining	321	100

### 🏭 Upstream Metal Manufacturing

76

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
331110	Iron and Steel Mills and Ferroalloy Manufacturing	506	76

### ⚡ Electric Power Generation and Transmission

56

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
221112	Fossil Fuel Electric Power Generation	182	56

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
334413	Semiconductor and Related Device Manufacturing	35	56

Local Education and Training

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
611110	Elementary and Secondary Schools	30	26
611610	Fine Arts Schools	29	25
624310	Vocational Rehabilitation Services	339	39
903611	Elementary and Secondary Schools (Local Government)	5,187	56

Local Utilities

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
221122	Electric Power Distribution	157	62
221210	Natural Gas Distribution	135	48
454310	Fuel Dealers	118	33
517311	Wired Telecommunications Carriers	133	38
517911	Telecommunications Resellers	24	36

Trailers, Motor Homes, and Appliances

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
336214	Travel Trailer and Camper Manufacturing	447	44

## Paper and Packaging

43

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
322212	Folding Paperboard Box Manufacturing	339	48
322230	Stationery Product Manufacturing	173	32

## Vulcanized and Fired Materials

42

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
326211	Tire Manufacturing (except Retreading)	137	43
327211	Flat Glass Manufacturing	310	44
327215	Glass Product Manufacturing Made of Purchased Glass	130	37

## Oil and Gas Production and Transportation

41

You have 7 industries in this cluster:

NAICS	Industry	Jobs	Score
211120	Crude Petroleum Extraction	239	67
211130	Natural Gas Extraction	42	41
213111	Drilling Oil and Gas Wells	189	48
213112	Support Activities for Oil and Gas Operations	929	34
333132	Oil and Gas Field Machinery and Equipment Manufacturing	16	33
486110	Pipeline Transportation of Crude Oil	51	43
486210	Pipeline Transportation of Natural Gas	36	32

## Plastics

41

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
325211	Plastics Material and Resin Manufacturing	10	33
326122	Plastics Pipe and Pipe Fitting Manufacturing	259	48
326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing	242	40
326160	Plastics Bottle Manufacturing	72	30
326199	All Other Plastics Product Manufacturing	85	31

## Food Processing and Manufacturing

40

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
311352	Confectionery Manufacturing from Purchased Chocolate	871	40
311919	Other Snack Food Manufacturing	44	38

## Production Technology and Heavy Machinery

40

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
333994	Industrial Process Furnace and Oven Manufacturing	17	40

## Business Services

40

You have 15 industries in this cluster:

NAICS	Industry	Jobs	Score
485320	Limousine Service	111	25
541320	Landscape Architectural Services	22	31
541330	Engineering Services	39	36
541511	Custom Computer Programming Services	27	39
541512	Computer Systems Design Services	157	48

541611	Administrative Management and General Management Consulting Services	70	35
541618	Other Management Consulting Services	19	44
541690	Other Scientific and Technical Consulting Services	214	48
541990	All Other Professional, Scientific, and Technical Services	123	42
551114	Corporate, Subsidiary, and Regional Managing Offices	37	40
561210	Facilities Support Services	117	24
561311	Employment Placement Agencies	14	46
561312	Executive Search Services	11	42
561330	Professional Employer Organizations	33	33
561422	Telemarketing Bureaus and Other Contact Centers	382	43

## Local Government Services

39

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
903999	Local Government, Excluding Education and Hospitals	2,313	39

## Distribution and Electronic Commerce

39

You have 17 industries in this cluster:

NAICS	Industry	Jobs	Score
423210	Furniture Merchant Wholesalers	21	40
423510	Metal Service Centers and Other Metal Merchant Wholesalers	50	34
423610	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers	26	34
423820	Farm and Garden Machinery and Equipment Merchant Wholesalers	54	31
423830	Industrial Machinery and Equipment Merchant Wholesalers	79	33
423840	Industrial Supplies Merchant Wholesalers	98	36
423850	Service Establishment Equipment and Supplies Merchant Wholesalers	15	25

423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers	35	42
424690	Other Chemical and Allied Products Merchant Wholesalers	46	33
424720	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)	121	39
424910	Farm Supplies Merchant Wholesalers	152	33
424930	Flower, Nursery Stock, and Florists' Supplies Merchant Wholesalers	85	33
424990	Other Miscellaneous Nondurable Goods Merchant Wholesalers	69	31
425120	Wholesale Trade Agents and Brokers	164	41
454110	Electronic Shopping and Mail-Order Houses	55	36
493110	General Warehousing and Storage	1,977	41
532412	Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing	85	28

## Local Commercial Services

39

You have 11 industries in this cluster:

NAICS	Industry	Jobs	Score
453210	Office Supplies and Stationery Stores	31	27
541110	Offices of Lawyers	220	38
541211	Offices of Certified Public Accountants	60	34
541219	Other Accounting Services	75	30
561110	Office Administrative Services	183	35
561320	Temporary Help Services	742	46
561710	Exterminating and Pest Control Services	57	29
561720	Janitorial Services	479	36
561790	Other Services to Buildings and Dwellings	30	28
811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	152	33
812320	Drycleaning and Laundry Services (except Coin-Operated)	59	25

## Local Financial Services



You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
522110	Commercial Banking	733	42
522130	Credit Unions	79	34
524210	Insurance Agencies and Brokerages	288	34
541213	Tax Preparation Services	36	25

## Transportation and Logistics

38

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
482110	Rail transportation	302	41
484121	General Freight Trucking, Long-Distance, Truckload	230	27
484230	Specialized Freight (except Used Goods) Trucking, Long-Distance	314	40
488190	Other Support Activities for Air Transportation	23	29
488210	Support Activities for Rail Transportation	200	44
488510	Freight Transportation Arrangement	21	29

## Agricultural Inputs and Services

37

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
111000	Crop Production	472	37
112000	Animal Production	454	47
115112	Soil Preparation, Planting, and Cultivating	17	31
115115	Farm Labor Contractors and Crew Leaders	390	29
115210	Support Activities for Animal Production	71	30

## Environmental Services

36

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
562211	Hazardous Waste Treatment and Disposal	52	36

## Financial Services

36

You have 8 industries in this cluster:

NAICS	Industry	Jobs	Score
522220	Sales Financing	37	30
522291	Consumer Lending	63	29
522298	All Other Nondepository Credit Intermediation	25	26
522390	Other Activities Related to Credit Intermediation	22	37
523120	Securities Brokerage	45	49
523910	Miscellaneous Intermediation	43	40
523920	Portfolio Management	44	36
523930	Investment Advice	28	46

## Automotive

36

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
331511	Iron Foundries	209	37
336211	Motor Vehicle Body Manufacturing	102	33

## Upstream Chemical Products

36

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
325180	Other Basic Inorganic Chemical Manufacturing	182	36

## Local Industrial Products and Services

35

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
332710	Machine Shops	301	36
423930	Recyclable Material Merchant Wholesalers	18	29
423990	Other Miscellaneous Durable Goods Merchant Wholesalers	24	35
532210	Consumer Electronics and Appliances Rental	34	35
532310	General Rental Centers	22	32

## State Government Services

35

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
902999	State Government, Excluding Education and Hospitals	4,124	35

## Local Hospitality Establishments

35

You have 11 industries in this cluster:

NAICS	Industry	Jobs	Score
453220	Gift, Novelty, and Souvenir Stores	32	23
611620	Sports and Recreation Instruction	29	26
713910	Golf Courses and Country Clubs	77	26
713940	Fitness and Recreational Sports Centers	165	31
722310	Food Service Contractors	62	27
722320	Caterers	97	24
722410	Drinking Places (Alcoholic Beverages)	24	27
722511	Full-Service Restaurants	1,487	36
722513	Limited-Service Restaurants	1,959	37

722514	Cafeterias, Grill Buffets, and Buffets	58	27
722515	Snack and Nonalcoholic Beverage Bars	105	26

## Downstream Metal Products

35

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
332312	Fabricated Structural Metal Manufacturing	29	34
332321	Metal Window and Door Manufacturing	19	29
332439	Other Metal Container Manufacturing	67	37

## Communications Equipment and Services

35

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
517312	Wireless Telecommunications Carriers (except Satellite)	54	35

## Coal Mining

35

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
212111	Bituminous Coal and Lignite Surface Mining	338	35

## Marketing, Design, and Publishing

33

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
511120	Periodical Publishers	64	31

541410	Interior Design Services	12	27
541430	Graphic Design Services	16	26
541613	Marketing Consulting Services	51	38

## Federal Government Services

32

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
901149	US Postal Service	270	34
901199	Federal Government, Civilian, Excluding Postal Service	120	39
901200	Federal Government, Military	291	27

## Local Logistical Services

32

You have 11 industries in this cluster:

NAICS	Industry	Jobs	Score
484110	General Freight Trucking, Local	247	25
484122	General Freight Trucking, Long-Distance, Less Than Truckload	104	48
484220	Specialized Freight (except Used Goods) Trucking, Local	132	33
485410	School and Employee Bus Transportation	21	25
492110	Couriers and Express Delivery Services	94	36
492210	Local Messengers and Local Delivery	12	29
531130	Lessors of Miniwarehouses and Self-Storage Units	27	29
532111	Passenger Car Rental	12	30
532120	Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing	46	26
562111	Solid Waste Collection	54	32
621910	Ambulance Services	130	32

## Local Motor Vehicle Products and Services

You have 16 industries in this cluster:

NAICS	Industry	Jobs	Score
423120	Motor Vehicle Supplies and New Parts Merchant Wholesalers	57	31
423140	Motor Vehicle Parts (Used) Merchant Wholesalers	31	28
441110	New Car Dealers	413	38
441120	Used Car Dealers	122	30
441228	Motorcycle, ATV, and All Other Motor Vehicle Dealers	43	32
441310	Automotive Parts and Accessories Stores	188	29
441320	Tire Dealers	52	29
447110	Gasoline Stations with Convenience Stores	769	26
447190	Other Gasoline Stations	94	28
488410	Motor Vehicle Towing	34	29
811111	General Automotive Repair	280	35
811118	Other Automotive Mechanical and Electrical Repair and Maintenance	13	30
811121	Automotive Body, Paint, and Interior Repair and Maintenance	134	30
811191	Automotive Oil Change and Lubrication Shops	53	29
811192	Car Washes	54	26
811198	All Other Automotive Repair and Maintenance	38	28

## Local Personal Services (Non-Medical)

30

You have 12 industries in this cluster:

NAICS	Industry	Jobs	Score
446120	Cosmetics, Beauty Supplies, and Perfume Stores	26	27
453910	Pet and Pet Supplies Stores	10	29
453998	All Other Miscellaneous Store Retailers (except Tobacco Stores)	88	28
532289	All Other Consumer Goods Rental	31	38
541940	Veterinary Services	261	41
624410	Child Day Care Services	342	27

811490	Other Personal and Household Goods Repair and Maintenance	31	26
812111	Barber Shops	42	27
812112	Beauty Salons	191	25
812113	Nail Salons	26	28
812199	Other Personal Care Services	27	24
812990	All Other Personal Services	35	26

## Local Health Services

30

You have 19 industries in this cluster:

NAICS	Industry	Jobs	Score
446110	Pharmacies and Drug Stores	144	29
621111	Offices of Physicians (except Mental Health Specialists)	610	39
621210	Offices of Dentists	253	35
621310	Offices of Chiropractors	33	29
621320	Offices of Optometrists	21	31
621340	Offices of Physical, Occupational and Speech Therapists, and Audiologists	69	30
621399	Offices of All Other Miscellaneous Health Practitioners	30	30
621492	Kidney Dialysis Centers	73	36
621498	All Other Outpatient Care Centers	67	37
621511	Medical Laboratories	26	33
621610	Home Health Care Services	1,186	35
622110	General Medical and Surgical Hospitals	1,067	16
622310	Specialty (except Psychiatric and Substance Abuse) Hospitals	34	28
623110	Nursing Care Facilities (Skilled Nursing Facilities)	1,346	32
623210	Residential Intellectual and Developmental Disability Facilities	113	23
623311	Continuing Care Retirement Communities	136	22
623312	Assisted Living Facilities for the Elderly	135	25

812210	Funeral Homes and Funeral Services	114	32
903622	Hospitals (Local Government)	340	31

## Forestry

29

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
113310	Logging	12	29

## Apparel

29

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
314999	All Other Miscellaneous Textile Product Mills	65	29

## Performing Arts

29

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
711510	Independent Artists, Writers, and Performers	33	29

## Local Community and Civic Organizations

29

You have 9 industries in this cluster:

NAICS	Industry	Jobs	Score
624110	Child and Youth Services	90	34
624120	Services for the Elderly and Persons with Disabilities	232	33
624190	Other Individual and Family Services	36	26



813110	Religious Organizations	845	27
813312	Environment, Conservation and Wildlife Organizations	26	35
813319	Other Social Advocacy Organizations	44	37
813410	Civic and Social Organizations	142	24
813910	Business Associations	73	30
813990	Other Similar Organizations (except Business, Professional, Labor, and Political Organizations)	18	28

## Local Real Estate, Construction, and Development

29

You have 35 industries in this cluster:

NAICS	Industry	Jobs	Score
236115	New Single-Family Housing Construction (except For-Sale Builders)	312	36
236117	New Housing For-Sale Builders	19	31
236118	Residential Remodelers	152	28
236220	Commercial and Institutional Building Construction	163	39
237110	Water and Sewer Line and Related Structures Construction	30	31
237210	Land Subdivision	18	31
237310	Highway, Street, and Bridge Construction	312	23
238110	Poured Concrete Foundation and Structure Contractors	99	30
238120	Structural Steel and Precast Concrete Contractors	18	36
238130	Framing Contractors	11	28
238140	Masonry Contractors	23	30
238150	Glass and Glazing Contractors	16	29
238160	Roofing Contractors	43	28
238190	Other Foundation, Structure, and Building Exterior Contractors	38	27
238210	Electrical Contractors and Other Wiring Installation Contractors	141	30
238220	Plumbing, Heating, and Air-Conditioning Contractors	308	31
238290	Other Building Equipment Contractors	84	32

238310	Drywall and Insulation Contractors	62	29
238320	Painting and Wall Covering Contractors	121	25
238330	Flooring Contractors	87	33
238350	Finish Carpentry Contractors	56	30
238910	Site Preparation Contractors	864	22
238990	All Other Specialty Trade Contractors	211	30
327390	Other Concrete Product Manufacturing	12	32
423390	Other Construction Material Merchant Wholesalers	37	27
423730	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers	46	30
444110	Home Centers	351	29
444190	Other Building Material Dealers	87	32
531110	Lessors of Residential Buildings and Dwellings	56	30
531120	Lessors of Nonresidential Buildings (except Miniwarehouses)	52	29
531210	Offices of Real Estate Agents and Brokers	99	33
531311	Residential Property Managers	83	32
531390	Other Activities Related to Real Estate	31	32
541191	Title Abstract and Settlement Offices	62	35
562991	Septic Tank and Related Services	15	30

## Furniture

29

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
337910	Mattress Manufacturing	384	29

## Local Household Goods and Services

29

You have 9 industries in this cluster:

NAICS	Industry	Jobs	Score
423710	Hardware Merchant Wholesalers	207	36
442110	Furniture Stores	36	30
442210	Floor Covering Stores	26	30
443141	Household Appliance Stores	20	25
444130	Hardware Stores	66	29
444210	Outdoor Power Equipment Stores	43	27
444220	Nursery, Garden Center, and Farm Supply Stores	101	30
453110	Florists	37	26
561730	Landscaping Services	523	26

## Local Food and Beverage Processing and Distribution

28

You have 10 industries in this cluster:

NAICS	Industry	Jobs	Score
311812	Commercial Bakeries	276	40
424450	Confectionery Merchant Wholesalers	44	34
424490	Other Grocery and Related Products Merchant Wholesalers	72	32
424810	Beer and Ale Merchant Wholesalers	66	35
445110	Supermarkets and Other Grocery (except Convenience) Stores	879	24
445120	Convenience Stores	106	27
445310	Beer, Wine, and Liquor Stores	49	27
446191	Food (Health) Supplement Stores	11	25
454390	Other Direct Selling Establishments	24	28
722330	Mobile Food Services	18	27

## Local Entertainment and Media

28

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
443142	Electronics Stores	24	33
451110	Sporting Goods Stores	73	26
451120	Hobby, Toy, and Game Stores	20	26
451140	Musical Instrument and Supplies Stores	10	28
511110	Newspaper Publishers	32	34
512131	Motion Picture Theaters (except Drive-Ins)	64	27

## Insurance Services

28

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
524127	Direct Title Insurance Carriers	20	30
524298	All Other Insurance Related Activities	71	28

## Printing Services

28

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
323111	Commercial Printing (except Screen and Books)	22	31
323113	Commercial Screen Printing	23	26

## Local Retailing of Clothing and General Merchandise

27

You have 9 industries in this cluster:

NAICS	Industry	Jobs	Score
448120	Women's Clothing Stores	58	24
448140	Family Clothing Stores	85	25
448190	Other Clothing Stores	13	26

448210	Shoe Stores	20	25
448310	Jewelry Stores	26	28
452210	Department Stores	253	24
452311	Warehouse Clubs and Supercenters	729	25
452319	All Other General Merchandise Stores	427	34
453310	Used Merchandise Stores	80	25

## Wood Products

27

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
321920	Wood Container and Pallet Manufacturing	47	27

## Hospitality and Tourism

27

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
713990	All Other Amusement and Recreation Industries	49	27
721110	Hotels (except Casino Hotels) and Motels	379	27
721191	Bed-and-Breakfast Inns	27	27
721211	RV (Recreational Vehicle) Parks and Campgrounds	10	26

## Metalworking Technology

26

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
332313	Plate Work Manufacturing	107	26
332813	Electroplating, Plating, Polishing, Anodizing, and Coloring	13	29

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
424520	Livestock Merchant Wholesalers	86	25

 Education and Knowledge Creation

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
611710	Educational Support Services	16	30
902612	Colleges, Universities, and Professional Schools (State Government)	315	32
903612	Colleges, Universities, and Professional Schools (Local Government)	913	19

 Construction Products and Services

You have 5 industries in this cluster:














NAICS	Industry	Jobs	Score
221310	Water Supply and Irrigation Systems	129	31
237120	Oil and Gas Pipeline and Related Structures Construction	1,000	1
237130	Power and Communication Line and Related Structures Construction	53	37
237990	Other Heavy and Civil Engineering Construction	156	30
327331	Concrete Block and Brick Manufacturing	322	50

Clusters That Don't Appear in Your Region

 Recreational and Small Electric Goods

 Textile Manufacturing

 Tobacco

-  Music and Sound Recording
-  Metal Mining
-  Medical Devices
-  Lighting and Electrical Equipment
-  Video Production and Distribution
-  Leather and Related Products
-  Biopharmaceuticals
-  Water Transportation
-  Jewelry and Precious Metals
-  Footwear
-  Fishing and Fishing Products
-  Downstream Chemical Products
-  Aerospace Vehicles and Defense



The clusters in this analysis are defined according to the methodology of Harvard Business School's U.S. Cluster Mapping Project. Cluster icons used with permission of the U.S. Cluster Mapping Project (<http://clustermapping.us>).

*Source: U.S. Cluster Mapping (<http://clustermapping.us>), Institute for Strategy and Competitiveness, Harvard Business School. Copyright © 2014 President and Fellows of Harvard College. All rights reserved. Research funded in part by the U.S. Department of Commerce, Economic Development Administration.*

Emsi has made modifications to the Harvard clusters in order to integrate our additional data.

# Appendix A - Data Sources and Calculations

## Input-Output Data

The input-output model in this report is Emsi's gravitational flows multi-regional social account matrix model (MR-SAM). It is based on data from the Census Bureau's Current Population Survey and American Community Survey; as well as the Bureau of Economic Analysis' National Income and Product Accounts, Input-Output Make and Use Tables, and Gross State Product data. In addition, several Emsi in-house data sets are used, as well as data from Oak Ridge National Labs on the cost of transportation between counties.

## 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.

## 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.

## Shift Share

Shift share is a standard regional analysis method that attempts to determine how much of regional job growth can be attributed to national trends and how much is due to unique regional factors.

## State Data Sources

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