

# Industry Cluster Identification

for 5 Texas ZIPs

Lightcast Q2 2024 Data Set

May 2024

Mississippi State University



Box 5187  
Mississippi State, Mississippi 39762

# Parameters

Regions:

Code	Description
76501	Temple, TX (in Bell county)
76502	Temple, TX (in Bell county)
76503	Temple, TX (in Bell county)

Code	Description
76504	Temple, TX (in Bell county)
76508	Temple, TX (in Bell county)

Datarun: 2024.2 – QCEW Employees, Non-QCEW Employees, Self-Employed, and Extended Proprietors

# Executive Summary

- Your highest ranked cluster is Paper and Packaging, with a score of 60 (out of 100) points.
- Your average cluster score is 36 (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 36 are above average for your region, while clusters ranked lower than 36 are below average.
- Top clusters must have a score of at least 45, while bottom clusters must have a score of 27 or less. These thresholds are determined by applying the average deviation (plus or minus 9) to the average cluster score 36.

 10 Top Clusters  29 Average Clusters  9 Bottom Clusters



## Cluster Rankings

### Paper and Packaging

60

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
322211	Corrugated and Solid Fiber Box Manufacturing	88	38
322220	Paper Bag and Coated and Treated Paper Manufacturing	1,121	62

### Financial Services

59

You have 9 industries in this cluster:

NAICS	Industry	Jobs	Score
522291	Consumer Lending	104	28
522292	Real Estate Credit	27	37
522299	International, Secondary Market, and All Other Nondepository Credit Intermediation	29	22
522390	Other Activities Related to Credit Intermediation	42	27
523150	Investment Banking and Securities Intermediation	130	39
523910	Miscellaneous Intermediation	268	31
523940	Portfolio Management and Investment Advice	2,387	68
523991	Trust, Fiduciary, and Custody Activities	63	27

523999	Miscellaneous Financial Investment Activities	78	27

## Local Health Services

59

You have 23 industries in this cluster:

NAICS	Industry	Jobs	Score
456110	Pharmacies and Drug Retailers	146	26
456130	Optical Goods Retailers	16	26
621111	Offices of Physicians (except Mental Health Specialists)	2,480	100
621112	Offices of Physicians, Mental Health Specialists	44	28
621210	Offices of Dentists	298	33
621310	Offices of Chiropractors	81	30
621320	Offices of Optometrists	29	29
621330	Offices of Mental Health Practitioners (except Physicians)	147	33
621340	Offices of Physical, Occupational and Speech Therapists, and Audiologists	189	35
621399	Offices of All Other Miscellaneous Health Practitioners	105	28
621498	All Other Outpatient Care Centers	17	33
621511	Medical Laboratories	20	26
621610	Home Health Care Services	1,616	1
621999	All Other Miscellaneous Ambulatory Health Care Services	38	32
622110	General Medical and Surgical Hospitals	6,419	70
622210	Psychiatric and Substance Abuse Hospitals	56	30
623110	Nursing Care Facilities (Skilled Nursing Facilities)	484	33
623210	Residential Intellectual and Developmental Disability Facilities	241	27
623220	Residential Mental Health and Substance Abuse Facilities	44	25
623311	Continuing Care Retirement Communities	149	19
623312	Assisted Living Facilities for the Elderly	71	25
812210	Funeral Homes and Funeral Services	28	29

903622	Hospitals (Local Government)	1,215	41

## ☑ Local Education and Training

57

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
611110	Elementary and Secondary Schools	46	25
611610	Fine Arts Schools	81	24
903611	Elementary and Secondary Schools (Local Government)	2,615	59

## 🚩 Federal Government Services

56

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
901149	US Postal Service	70	29
901199	Federal Government, Civilian, Excluding Postal Service	1,577	67
901200	Federal Government, Military	812	35

## 矼 Plastics

54

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
325211	Plastics Material and Resin Manufacturing	44	34
326130	Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing	648	68
326140	Polystyrene Foam Product Manufacturing	198	41
326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing	109	32
326199	All Other Plastics Product Manufacturing	152	29

## Information Technology and Analytical Instruments

53

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
513210	Software Publishers	56	53

## Local Government Services

50

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
903999	Local Government, Excluding Education and Hospitals	1,569	50

## Electric Power Generation and Transmission

48

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
221112	Fossil Fuel Electric Power Generation	76	48

## Transportation and Logistics

45

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
482110	Rail transportation	184	37
484121	General Freight Trucking, Long-Distance, Truckload	894	50
484230	Specialized Freight (except Used Goods) Trucking, Long-Distance	83	34
488190	Other Support Activities for Air Transportation	146	31

## Production Technology and Heavy Machinery

44

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
333111	Farm Machinery and Equipment Manufacturing	22	28
333413	Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing	33	31
333995	Fluid Power Cylinder and Actuator Manufacturing	247	47

## 🚗 Automotive

42

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
331513	Steel Foundries (except Investment)	220	53
331523	Nonferrous Metal Die-Casting Foundries	113	29
331524	Aluminum Foundries (except Die-Casting)	43	32
336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing	46	29

## ☕ Food Processing and Manufacturing

41

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
311111	Dog and Cat Food Manufacturing	118	40
311119	Other Animal Food Manufacturing	38	36
311512	Creamery Butter Manufacturing	42	38
312111	Soft Drink Manufacturing	214	42

## 🔧 Metalworking Technology

39

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
332813	Electroplating, Plating, Polishing, Anodizing, and Coloring	58	39

You have 16 industries in this cluster:

NAICS	Industry	Jobs	Score
485999	All Other Transit and Ground Passenger Transportation	13	24
541310	Architectural Services	26	29
541330	Engineering Services	263	38
541340	Drafting Services	32	31
541511	Custom Computer Programming Services	12	28
541512	Computer Systems Design Services	526	40
541519	Other Computer Related Services	17	31
541611	Administrative Management and General Management Consulting Services	516	31
541612	Human Resources Consulting Services	30	27
541614	Process, Physical Distribution, and Logistics Consulting Services	131	32
541618	Other Management Consulting Services	37	27
541690	Other Scientific and Technical Consulting Services	82	27
541930	Translation and Interpretation Services	21	24
541990	All Other Professional, Scientific, and Technical Services	282	29
551114	Corporate, Subsidiary, and Regional Managing Offices	1,054	48
561311	Employment Placement Agencies	19	25

 Upstream Chemical Products

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
325180	Other Basic Inorganic Chemical Manufacturing	101	38

 Local Food and Beverage Processing and Distribution

You have 17 industries in this cluster:

NAICS	Industry	Jobs	Score
311812	Commercial Bakeries	27	24
424410	General Line Grocery Merchant Wholesalers	1,836	49
424490	Other Grocery and Related Products Merchant Wholesalers	18	28
424810	Beer and Ale Merchant Wholesalers	262	40
441330	Automotive Parts and Accessories Retailers	323	29
445110	Supermarkets and Other Grocery (except Convenience) Stores	557	36
445131	Convenience Retailers	142	27
445132	Vending Machine Operators	26	27
445240	Meat Retailers	86	27
445320	Beer, Wine, and Liquor Retailers	78	27
449210	Electronics and Appliance Retailers	189	27
455219	All Other General Merchandise Retailers	316	24
456110	Pharmacies and Drug Retailers	146	26
456191	Food (Health) Supplement Retailers	35	26
459991	Tobacco, Electronic Cigarette, and Other Smoking Supplies Retailers	129	26
459999	All Other Miscellaneous Retailers	275	27
722330	Mobile Food Services	142	28

## 🏛️ State Government Services

35

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
902999	State Government, Excluding Education and Hospitals	564	35

## 🏗️ Construction Products and Services

34

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
221310	Water Supply and Irrigation Systems	41	27
236210	Industrial Building Construction	97	35
237130	Power and Communication Line and Related Structures Construction	20	30
237990	Other Heavy and Civil Engineering Construction	106	33
324122	Asphalt Shingle and Coating Materials Manufacturing	58	39

## Upstream Metal Manufacturing

33

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
331210	Iron and Steel Pipe and Tube Manufacturing from Purchased Steel	63	33

## Local Logistical Services

33

You have 10 industries in this cluster:

NAICS	Industry	Jobs	Score
484110	General Freight Trucking, Local	131	30
484122	General Freight Trucking, Long-Distance, Less Than Truckload	122	34
484210	Used Household and Office Goods Moving	168	31
484220	Specialized Freight (except Used Goods) Trucking, Local	149	29
485991	Special Needs Transportation	11	24
492110	Couriers and Express Delivery Services	626	37
492210	Local Messengers and Local Delivery	94	24
531130	Lessors of Miniwarehouses and Self-Storage Units	135	29
532120	Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing	14	24
621910	Ambulance Services	96	33

## Local Real Estate, Construction, and Development

32

You have 40 industries in this cluster:

NAICS	Industry	Jobs	Score
236115	New Single-Family Housing Construction (except For-Sale Builders)	254	32
236117	New Housing For-Sale Builders	122	39
236118	Residential Remodelers	416	33
236220	Commercial and Institutional Building Construction	234	34
237110	Water and Sewer Line and Related Structures Construction	33	31
237210	Land Subdivision	84	30
237310	Highway, Street, and Bridge Construction	96	27
238110	Poured Concrete Foundation and Structure Contractors	143	30
238130	Framing Contractors	39	32
238140	Masonry Contractors	50	28
238160	Roofing Contractors	78	29
238190	Other Foundation, Structure, and Building Exterior Contractors	34	29
238210	Electrical Contractors and Other Wiring Installation Contractors	273	28
238220	Plumbing, Heating, and Air-Conditioning Contractors	413	30
238290	Other Building Equipment Contractors	57	30
238310	Drywall and Insulation Contractors	33	29
238320	Painting and Wall Covering Contractors	104	29
238330	Flooring Contractors	63	29
238340	Tile and Terrazzo Contractors	66	29
238350	Finish Carpentry Contractors	292	30
238910	Site Preparation Contractors	224	31
238990	All Other Specialty Trade Contractors	319	32
327320	Ready-Mix Concrete Manufacturing	79	40
332322	Sheet Metal Work Manufacturing	23	27
423320	Brick, Stone, and Related Construction Material Merchant Wholesalers	11	30
423720	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers	67	36

423730	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers	38	34
444110	Home Centers	360	28
444120	Paint and Wallpaper Stores	25	29
444180	Other Building Material Dealers	185	34
531110	Lessors of Residential Buildings and Dwellings	601	35
531120	Lessors of Nonresidential Buildings (except Miniwarehouses)	234	36
531190	Lessors of Other Real Estate Property	122	32
531210	Offices of Real Estate Agents and Brokers	671	36
531311	Residential Property Managers	488	31
531312	Nonresidential Property Managers	131	28
531320	Offices of Real Estate Appraisers	38	28
541191	Title Abstract and Settlement Offices	92	31
541370	Surveying and Mapping (except Geophysical) Services	59	29
562991	Septic Tank and Related Services	54	31

## Downstream Metal Products

31

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
332311	Prefabricated Metal Building and Component Manufacturing	63	31

## Distribution and Electronic Commerce

31

You have 24 industries in this cluster:

NAICS	Industry	Jobs	Score
423210	Furniture Merchant Wholesalers	56	35
423420	Office Equipment Merchant Wholesalers	37	31
423430	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers	145	31

423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	13	39
423610	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers	275	40
423690	Other Electronic Parts and Equipment Merchant Wholesalers	36	34
423820	Farm and Garden Machinery and Equipment Merchant Wholesalers	65	30
423830	Industrial Machinery and Equipment Merchant Wholesalers	59	38
423840	Industrial Supplies Merchant Wholesalers	11	30
423850	Service Establishment Equipment and Supplies Merchant Wholesalers	59	28
423940	Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers	30	29
424130	Industrial and Personal Service Paper Merchant Wholesalers	13	30
424690	Other Chemical and Allied Products Merchant Wholesalers	29	31
424720	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)	91	53
424910	Farm Supplies Merchant Wholesalers	12	29
424930	Flower, Nursery Stock, and Florists' Supplies Merchant Wholesalers	28	23
424990	Other Miscellaneous Nondurable Goods Merchant Wholesalers	58	27
425120	Wholesale Trade Agents and Brokers	137	38
455211	Warehouse Clubs and Supercenters	939	28
456110	Pharmacies and Drug Retailers	146	26
459999	All Other Miscellaneous Retailers	275	27
493110	General Warehousing and Storage	1,007	30
532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	17	38
561499	All Other Business Support Services	19	25

## Furniture

30

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
337110	Wood Kitchen Cabinet and Countertop Manufacturing	36	22

337127	Institutional Furniture Manufacturing	28	29
337214	Office Furniture (except Wood) Manufacturing	62	35

## 📖 Education and Knowledge Creation

30

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
611310	Colleges, Universities, and Professional Schools	317	22
611430	Professional and Management Development Training	17	25
611699	All Other Miscellaneous Schools and Instruction	26	23
611710	Educational Support Services	19	24
902612	Colleges, Universities, and Professional Schools (State Government)	175	27
903612	Colleges, Universities, and Professional Schools (Local Government)	802	34

## ⌚ Local Financial Services

30

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
522110	Commercial Banking	109	31
522130	Credit Unions	62	30
524210	Insurance Agencies and Brokerages	556	31
524292	Pharmacy Benefit Management and Other Third Party Administration of Insurance and Pension Funds	152	26
541213	Tax Preparation Services	60	25

## 💡 Lighting and Electrical Equipment

30

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
335910	Battery Manufacturing	10	30

## Communications Equipment and Services

30

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
335910	Battery Manufacturing	10	30

## Local Utilities

30

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
221210	Natural Gas Distribution	25	35
457210	Fuel Dealers	38	29
517111	Wired Telecommunications Carriers	106	28

## Local Commercial Services

29

You have 21 industries in this cluster:

NAICS	Industry	Jobs	Score
339950	Sign Manufacturing	23	28
459410	Office Supplies and Stationery Retailers	78	29
541110	Offices of Lawyers	190	33
541211	Offices of Certified Public Accountants	48	33
541219	Other Accounting Services	114	27
541350	Building Inspection Services	27	28
541620	Environmental Consulting Services	22	28
541922	Commercial Photography	16	26

561110	Office Administrative Services	641	39
561320	Temporary Help Services	164	28
561611	Investigation Services	85	31
561612	Security Guards and Patrol Services	81	24
561621	Security Systems Services (except Locksmiths)	42	25
561622	Locksmiths	86	25
561710	Exterminating and Pest Control Services	44	27
561720	Janitorial Services	932	24
561790	Other Services to Buildings and Dwellings	94	28
561990	All Other Support Services	44	26
811210	Electronic and Precision Equipment Repair and Maintenance	36	30
811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	38	29
811412	Appliance Repair and Maintenance	26	26

## 🚗 Local Motor Vehicle Products and Services

29

You have 16 industries in this cluster:

NAICS	Industry	Jobs	Score
441110	New Car Dealers	401	34
441120	Used Car Dealers	191	28
441210	Recreational Vehicle Dealers	11	30
441222	Boat Dealers	32	31
441227	Motorcycle, ATV, and All Other Motor Vehicle Dealers	26	26
441330	Automotive Parts and Accessories Retailers	323	29
441340	Tire Dealers	137	29
457110	Gasoline Stations with Convenience Stores	355	24
457120	Other Gasoline Stations	16	27
811111	General Automotive Repair	291	31

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811114	Specialized Automotive Repair	29	26
811121	Automotive Body, Paint, and Interior Repair and Maintenance	74	30
811122	Automotive Glass Replacement Shops	43	28
811191	Automotive Oil Change and Lubrication Shops	22	27
811192	Car Washes	54	26
811198	All Other Automotive Repair and Maintenance	15	27

## 农业生产资料和服务业

29

您有4个行业属于这个集群：

NAICS	Industry	Jobs	Score
111000	Crop Production	475	32
112000	Animal Production	169	23
115115	Farm Labor Contractors and Crew Leaders	56	25
115210	Support Activities for Animal Production	49	23

## 本地工业产品和服务

28

您有4个行业属于这个集群：

NAICS	Industry	Jobs	Score
332710	Machine Shops	51	28
423930	Recyclable Material Merchant Wholesalers	12	27
423990	Other Miscellaneous Durable Goods Merchant Wholesalers	49	28
811210	Electronic and Precision Equipment Repair and Maintenance	36	30

## 本地家庭用品和服务

28

You have 10 industries in this cluster:

NAICS	Industry	Jobs	Score
444140	Hardware Retailers	50	27
444240	Nursery, Garden Center, and Farm Supply Retailers	105	29
449110	Furniture Retailers	91	28
449121	Floor Covering Retailers	24	29
449129	All Other Home Furnishings Retailers	31	23
449210	Electronics and Appliance Retailers	189	27
459310	Florists	61	25
561730	Landscaping Services	471	29
561740	Carpet and Upholstery Cleaning Services	26	27
811210	Electronic and Precision Equipment Repair and Maintenance	36	30

## 📍 Local Hospitality Establishments

28

You have 11 industries in this cluster:

NAICS	Industry	Jobs	Score
459420	Gift, Novelty, and Souvenir Retailers	82	25
611620	Sports and Recreation Instruction	68	23
713910	Golf Courses and Country Clubs	51	25
713940	Fitness and Recreational Sports Centers	179	26
722310	Food Service Contractors	137	25
722320	Caterers	85	24
722410	Drinking Places (Alcoholic Beverages)	44	24
722511	Full-Service Restaurants	834	34
722513	Limited-Service Restaurants	1,308	26
722514	Cafeterias, Grill Buffets, and Buffets	57	22
722515	Snack and Nonalcoholic Beverage Bars	15	24

You have 17 industries in this cluster:

NAICS	Industry	Jobs	Score
455219	All Other General Merchandise Retailers	316	24
456120	Cosmetics, Beauty Supplies, and Perfume Retailers	126	25
459910	Pet and Pet Supplies Retailers	97	26
459991	Tobacco, Electronic Cigarette, and Other Smoking Supplies Retailers	129	26
459999	All Other Miscellaneous Retailers	275	27
532289	All Other Consumer Goods Rental	13	25
541921	Photography Studios, Portrait	110	27
541940	Veterinary Services	157	30
611511	Cosmetology and Barber Schools	22	23
624410	Child Day Care Services	681	27
811490	Other Personal and Household Goods Repair and Maintenance	30	26
812111	Barber Shops	45	25
812112	Beauty Salons	554	33
812113	Nail Salons	143	27
812199	Other Personal Care Services	38	26
812910	Pet Care (except Veterinary) Services	44	25
812990	All Other Personal Services	153	26

## Marketing, Design, and Publishing

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
541430	Graphic Design Services	57	27
541613	Marketing Consulting Services	104	27

## Local Retailing of Clothing and General Merchandise

You have 7 industries in this cluster:

NAICS	Industry	Jobs	Score
455110	Department Stores	610	28
455211	Warehouse Clubs and Supercenters	939	28
455219	All Other General Merchandise Retailers	316	24
458110	Clothing and Clothing Accessories Retailers	243	24
458210	Shoe Retailers	30	23
458310	Jewelry Retailers	29	26
459510	Used Merchandise Retailers	163	24

## 伞 Insurance Services

26

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
524114	Direct Health and Medical Insurance Carriers	13	29
524291	Claims Adjusting	62	27
524298	All Other Insurance Related Activities	28	27
525920	Trusts, Estates, and Agency Accounts	81	25

## 电影 Local Entertainment and Media

26

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
449210	Electronics and Appliance Retailers	189	27
459110	Sporting Goods Retailers	74	24
459120	Hobby, Toy, and Game Retailers	116	26
512131	Motion Picture Theaters (except Drive-Ins)	53	26
513110	Newspaper Publishers	39	26

## Printing Services

26

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
323111	Commercial Printing (except Screen and Books)	36	26
323113	Commercial Screen Printing	19	24

## Hospitality and Tourism

25

You have 8 industries in this cluster:

NAICS	Industry	Jobs	Score
711211	Sports Teams and Clubs	16	25
711219	Other Spectator Sports	50	22
713290	Other Gambling Industries	54	24
713990	All Other Amusement and Recreation Industries	28	23
721110	Hotels (except Casino Hotels) and Motels	278	26
721191	Bed-and-Breakfast Inns	37	27
721211	RV (Recreational Vehicle) Parks and Campgrounds	23	28
721310	Rooming and Boarding Houses, Dormitories, and Workers' Camps	34	24

## Performing Arts

25

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
711110	Theater Companies and Dinner Theaters	15	23
711130	Musical Groups and Artists	15	24
711310	Promoters of Performing Arts, Sports, and Similar Events with Facilities	24	23
711320	Promoters of Performing Arts, Sports, and Similar Events without Facilities	11	23
711410	Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures	17	23

711510	Independent Artists, Writers, and Performers	231	25	

## 🔨 Wood Products

24

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
321920	Wood Container and Pallet Manufacturing	37	24

## ⛽ Oil and Gas Production and Transportation

24

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
213111	Drilling Oil and Gas Wells	14	23
213112	Support Activities for Oil and Gas Operations	74	24

## 🐟 Fishing and Fishing Products

24

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
114112	Shellfish Fishing	15	24

## 人群 Local Community and Civic Organizations

23

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
624110	Child and Youth Services	74	26
624190	Other Individual and Family Services	53	25
813110	Religious Organizations	620	22

813219	Other Grantmaking and Giving Services	16	31
813410	Civic and Social Organizations	26	24
813910	Business Associations	38	29

## Clusters That Don't Appear in Your Region

-  Aerospace Vehicles and Defense
-  Downstream Chemical Products
-  Environmental Services
-  Footwear
-  Forestry
-  Jewelry and Precious Metals
-  Leather and Related Products
-  Livestock Processing
-  Apparel
-  Medical Devices
-  Metal Mining
-  Music and Sound Recording
-  Nonmetal Mining
-  Recreational and Small Electric Goods
-  Textile Manufacturing
-  Tobacco
-  Trailers, Motor Homes, and Appliances
-  Video Production and Distribution
-  Vulcanized and Fired Materials

█ Biopharmaceuticals

█ Water Transportation

█ Coal Mining



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.

Lightcast 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.

## ZIP Code Data Disclaimer

Due to a lack of source data at the ZIP code level, Lightcast's ZIP-level estimates can be less accurate when looking at a small number of ZIP codes. This is especially likely to occur in rural areas.

## State Data Sources

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