

Industry Cluster Identification

for 4 Texas ZIPs

Lightcast Q2 2024 Data Set

May 2024

Mississippi State University



Box 5187
Mississippi State, Mississippi 39762

Parameters

Regions:

Code	Description
77640	Port Arthur, TX (in Jefferson county)
77641	Port Arthur, TX (in Jefferson county)

Code	Description
77642	Port Arthur, TX (in Jefferson county)
77643	Port Arthur, TX (in Jefferson county)

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

Executive Summary

- Your highest ranked cluster is Oil and Gas Production and Transportation, with a score of 93 (out of 100) points.
- Your average cluster score is 26 (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 26 are above average for your region, while clusters ranked lower than 26 are below average.
- Top clusters must have a score of at least 34, while bottom clusters must have a score of 18 or less. These thresholds are determined by applying the average deviation (plus or minus 8) to the average cluster score 26.

 6 Top Clusters  28 Average Clusters  9 Bottom Clusters



Cluster Rankings

Oil and Gas Production and Transportation

93

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
211120	Crude Petroleum Extraction	17	20
211130	Natural Gas Extraction	23	14
213112	Support Activities for Oil and Gas Operations	39	28
324110	Petroleum Refineries	2,010	100
324199	All Other Petroleum and Coal Products Manufacturing	29	36
486110	Pipeline Transportation of Crude Oil	118	37

Downstream Chemical Products

48

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing	210	48

Construction Products and Services

44

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
236210	Industrial Building Construction	204	14
237120	Oil and Gas Pipeline and Related Structures Construction	1,359	51
237130	Power and Communication Line and Related Structures Construction	126	35
237990	Other Heavy and Civil Engineering Construction	112	30

🔧 Local Utilities

39

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
221122	Electric Power Distribution	52	36
221320	Sewage Treatment Facilities	17	18
562212	Solid Waste Landfill	200	36
562910	Remediation Services	275	43

💧 Upstream Chemical Products

35

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
325110	Petrochemical Manufacturing	152	28
325120	Industrial Gas Manufacturing	87	41
325180	Other Basic Inorganic Chemical Manufacturing	112	34
325320	Pesticide and Other Agricultural Chemical Manufacturing	78	41

🚮 Environmental Services

34

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
562211	Hazardous Waste Treatment and Disposal	122	34

🚢 Water Transportation 33

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
488320	Marine Cargo Handling	103	26
488330	Navigational Services to Shipping	210	37
488390	Other Support Activities for Water Transportation	30	24

🧪 Biopharmaceuticals 32

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
325411	Medicinal and Botanical Manufacturing	12	32

🚚 Transportation and Logistics 31

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
482110	Rail transportation	29	26
484121	General Freight Trucking, Long-Distance, Truckload	79	23
488210	Support Activities for Rail Transportation	205	36
488510	Freight Transportation Arrangement	22	23

🚩 Federal Government Services 29

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
901149	US Postal Service	22	25
901199	Federal Government, Civilian, Excluding Postal Service	204	32
901200	Federal Government, Military	41	19

Local Education and Training

28

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
611110	Elementary and Secondary Schools	376	41
903611	Elementary and Secondary Schools (Local Government)	949	23

Metalworking Technology

27

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
332812	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers	257	27

Local Logistical Services

27

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
531130	Lessors of Miniwarehouses and Self-Storage Units	287	27
562111	Solid Waste Collection	11	23

Financial Services

27

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
522291	Consumer Lending	23	20
522390	Other Activities Related to Credit Intermediation	28	20
523910	Miscellaneous Intermediation	183	27
523940	Portfolio Management and Investment Advice	212	29
525990	Other Financial Vehicles	17	28

Local Health Services

26

You have 17 industries in this cluster:

NAICS	Industry	Jobs	Score
456110	Pharmacies and Drug Retailers	180	24
621111	Offices of Physicians (except Mental Health Specialists)	540	38
621210	Offices of Dentists	165	25
621320	Offices of Optometrists	19	21
621340	Offices of Physical, Occupational and Speech Therapists, and Audiologists	56	22
621399	Offices of All Other Miscellaneous Health Practitioners	32	23
621492	Kidney Dialysis Centers	59	21
621493	Freestanding Ambulatory Surgical and Emergency Centers	61	22
621511	Medical Laboratories	14	21
621610	Home Health Care Services	112	18
621991	Blood and Organ Banks	36	24
622110	General Medical and Surgical Hospitals	310	19
622310	Specialty (except Psychiatric and Substance Abuse) Hospitals	31	22
623110	Nursing Care Facilities (Skilled Nursing Facilities)	206	23
623311	Continuing Care Retirement Communities	29	19
623990	Other Residential Care Facilities	27	19
812210	Funeral Homes and Funeral Services	16	20

You have 13 industries in this cluster:

NAICS	Industry	Jobs	Score
423810	Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers	29	28
423830	Industrial Machinery and Equipment Merchant Wholesalers	75	30
423940	Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers	40	29
424460	Fish and Seafood Merchant Wholesalers	44	21
424690	Other Chemical and Allied Products Merchant Wholesalers	58	35
424720	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)	93	38
425120	Wholesale Trade Agents and Brokers	22	22
455211	Warehouse Clubs and Supercenters	99	20
456110	Pharmacies and Drug Retailers	180	24
459999	All Other Miscellaneous Retailers	146	19
532412	Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing	32	25
532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	18	25
561499	All Other Business Support Services	62	26

 Wood Products

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
321920	Wood Container and Pallet Manufacturing	52	26

 Local Commercial Services

You have 14 industries in this cluster:

NAICS	Industry	Jobs	Score
459410	Office Supplies and Stationery Retailers	24	20

541110	Offices of Lawyers	43	26
541211	Offices of Certified Public Accountants	29	24
541219	Other Accounting Services	16	21
541380	Testing Laboratories	94	24
561110	Office Administrative Services	48	22
561410	Document Preparation Services	10	16
561612	Security Guards and Patrol Services	262	28
561720	Janitorial Services	425	30
561790	Other Services to Buildings and Dwellings	33	19
561990	All Other Support Services	39	17
811210	Electronic and Precision Equipment Repair and Maintenance	14	21
811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	88	13
812320	Drycleaning and Laundry Services (except Coin-Operated)	15	16

Local Real Estate, Construction, and Development

25

You have 26 industries in this cluster:

NAICS	Industry	Jobs	Score
236115	New Single-Family Housing Construction (except For-Sale Builders)	95	11
236118	Residential Remodelers	11	18
236220	Commercial and Institutional Building Construction	15	20
238110	Poured Concrete Foundation and Structure Contractors	38	25
238130	Framing Contractors	15	21
238140	Masonry Contractors	13	21
238160	Roofing Contractors	43	23
238190	Other Foundation, Structure, and Building Exterior Contractors	23	21
238210	Electrical Contractors and Other Wiring Installation Contractors	107	15
238220	Plumbing, Heating, and Air-Conditioning Contractors	79	20

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238310	Drywall and Insulation Contractors	125	18
238320	Painting and Wall Covering Contractors	66	23
238340	Tile and Terrazzo Contractors	29	19
238350	Finish Carpentry Contractors	21	18
238910	Site Preparation Contractors	70	19
238990	All Other Specialty Trade Contractors	173	27
327320	Ready-Mix Concrete Manufacturing	23	24
332322	Sheet Metal Work Manufacturing	270	35
444110	Home Centers	93	17
444180	Other Building Material Dealers	25	23
531110	Lessors of Residential Buildings and Dwellings	495	25
531120	Lessors of Nonresidential Buildings (except Miniwarehouses)	268	32
531190	Lessors of Other Real Estate Property	33	25
531210	Offices of Real Estate Agents and Brokers	59	19
531390	Other Activities Related to Real Estate	378	28
541370	Surveying and Mapping (except Geophysical) Services	83	28

Fishing and Fishing Products

24

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
311710	Seafood Product Preparation and Packaging	62	24

Information Technology and Analytical Instruments

24

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
334510	Electromedical and Electrotherapeutic Apparatus Manufacturing	81	24

Local Government Services 24

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
903999	Local Government, Excluding Education and Hospitals	709	24

Business Services 23

You have 8 industries in this cluster:

NAICS	Industry	Jobs	Score
541330	Engineering Services	65	27
541340	Drafting Services	27	20
541611	Administrative Management and General Management Consulting Services	44	25
541990	All Other Professional, Scientific, and Technical Services	44	20
551112	Offices of Other Holding Companies	29	22
551114	Corporate, Subsidiary, and Regional Managing Offices	226	25
561210	Facilities Support Services	21	21
561311	Employment Placement Agencies	31	18

Local Industrial Products and Services 23

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
332710	Machine Shops	27	23
423930	Recyclable Material Merchant Wholesalers	31	24
811210	Electronic and Precision Equipment Repair and Maintenance	14	21

🍺 Local Food and Beverage Processing and Distribution

23

You have 11 industries in this cluster:

NAICS	Industry	Jobs	Score
441330	Automotive Parts and Accessories Retailers	39	18
445110	Supermarkets and Other Grocery (except Convenience) Stores	408	30
445131	Convenience Retailers	136	21
445250	Fish and Seafood Retailers	18	19
445320	Beer, Wine, and Liquor Retailers	24	20
449210	Electronics and Appliance Retailers	97	6
455219	All Other General Merchandise Retailers	51	18
456110	Pharmacies and Drug Retailers	180	24
456191	Food (Health) Supplement Retailers	23	17
459991	Tobacco, Electronic Cigarette, and Other Smoking Supplies Retailers	20	18
459999	All Other Miscellaneous Retailers	146	19

🏛️ State Government Services

22

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
902999	State Government, Excluding Education and Hospitals	285	22

🖨️ Printing Services

22

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
323111	Commercial Printing (except Screen and Books)	27	25
323113	Commercial Screen Printing	30	19

Local Financial Services

21

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
522110	Commercial Banking	15	24
522130	Credit Unions	72	22
524210	Insurance Agencies and Brokerages	263	22
541213	Tax Preparation Services	65	19

Local Motor Vehicle Products and Services

21

You have 13 industries in this cluster:

NAICS	Industry	Jobs	Score
441110	New Car Dealers	136	23
441330	Automotive Parts and Accessories Retailers	39	18
441340	Tire Dealers	56	20
457110	Gasoline Stations with Convenience Stores	118	18
457120	Other Gasoline Stations	31	22
488410	Motor Vehicle Towing	21	24
811111	General Automotive Repair	166	21
811114	Specialized Automotive Repair	21	20
811121	Automotive Body, Paint, and Interior Repair and Maintenance	64	21
811122	Automotive Glass Replacement Shops	17	20
811191	Automotive Oil Change and Lubrication Shops	36	18
811192	Car Washes	36	18
811198	All Other Automotive Repair and Maintenance	17	20

Marketing, Design, and Publishing

20

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
516210	Media Streaming Distribution Services, Social Networks, and Other Media Networks and Content Providers	31	20

🖨 Communications Equipment and Services

20

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
516210	Media Streaming Distribution Services, Social Networks, and Other Media Networks and Content Providers	31	20

🐴 Local Personal Services (Non-Medical)

20

You have 13 industries in this cluster:

NAICS	Industry	Jobs	Score
455219	All Other General Merchandise Retailers	51	18
456120	Cosmetics, Beauty Supplies, and Perfume Retailers	122	19
459910	Pet and Pet Supplies Retailers	71	25
459991	Tobacco, Electronic Cigarette, and Other Smoking Supplies Retailers	20	18
459999	All Other Miscellaneous Retailers	146	19
532289	All Other Consumer Goods Rental	24	21
541940	Veterinary Services	36	21
624410	Child Day Care Services	117	16
811490	Other Personal and Household Goods Repair and Maintenance	22	15
812111	Barber Shops	43	17
812112	Beauty Salons	236	21
812113	Nail Salons	150	21
812990	All Other Personal Services	83	19

🐂 Livestock Processing

20

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
311612	Meat Processed from Carcasses	44	20

1 Hospitality and Tourism

19

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
713990	All Other Amusement and Recreation Industries	26	17
721110	Hotels (except Casino Hotels) and Motels	157	20
721310	Rooming and Boarding Houses, Dormitories, and Workers' Camps	34	17

2 Local Retailing of Clothing and General Merchandise

17

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
455110	Department Stores	224	15
455211	Warehouse Clubs and Supercenters	99	20
455219	All Other General Merchandise Retailers	51	18
458110	Clothing and Clothing Accessories Retailers	77	16
458210	Shoe Retailers	14	16
459510	Used Merchandise Retailers	44	17

3 Local Household Goods and Services

17

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
444140	Hardware Retailers	27	22

449110	Furniture Retailers	14	20	
449129	All Other Home Furnishings Retailers	15	17	
449210	Electronics and Appliance Retailers	97	6	
561730	Landscaping Services	141	22	
811210	Electronic and Precision Equipment Repair and Maintenance	14	21	

麦克风 icon Performing Arts

16

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
711510	Independent Artists, Writers, and Performers	18	16

农具 icon Agricultural Inputs and Services

16

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
111000	Crop Production	43	17
112000	Animal Production	53	15

人群 icon Local Community and Civic Organizations

16

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
624110	Child and Youth Services	68	23
624190	Other Individual and Family Services	16	19
813110	Religious Organizations	294	13
813910	Business Associations	12	19
813930	Labor Unions and Similar Labor Organizations	28	19

Local Hospitality Establishments

15

You have 8 industries in this cluster:

NAICS	Industry	Jobs	Score
459420	Gift, Novelty, and Souvenir Retailers	24	16
611620	Sports and Recreation Instruction	97	19
713910	Golf Courses and Country Clubs	22	17
722410	Drinking Places (Alcoholic Beverages)	40	18
722511	Full-Service Restaurants	981	16
722513	Limited-Service Restaurants	372	8
722514	Cafeterias, Grill Buffets, and Buffets	26	16
722515	Snack and Nonalcoholic Beverage Bars	109	20

Local Entertainment and Media

14

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
449210	Electronics and Appliance Retailers	97	6
459110	Sporting Goods Retailers	61	20
513110	Newspaper Publishers	25	23
516210	Media Streaming Distribution Services, Social Networks, and Other Media Networks and Content Providers	31	20

Production Technology and Heavy Machinery

13

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
333111	Farm Machinery and Equipment Manufacturing	650	1
333131	Mining Machinery and Equipment Manufacturing	172	54

333618	Other Engine Equipment Manufacturing	27	29
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Education and Knowledge Creation

6

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
541715	Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)	12	38
902612	Colleges, Universities, and Professional Schools (State Government)	280	5

Clusters That Don't Appear in Your Region

- ✈ Aerospace Vehicles and Defense
- 📦 Downstream Metal Products
- ⚡ Electric Power Generation and Transmission
- 🍴 Food Processing and Manufacturing
- 👞 Footwear
- 🌲 Forestry
- 🛋 Furniture
- ☂ Insurance Services
- 💍 Jewelry and Precious Metals
- 👜 Leather and Related Products
- 💡 Lighting and Electrical Equipment
- 👚 Apparel
- 医疗器械 Medical Devices
- ⛏ Metal Mining

- 🎧 Music and Sound Recording
- ⛏️ Nonmetal Mining
- 📦 Paper and Packaging
- 📦 Plastics
- 🚗 Automotive
- 🏈 Recreational and Small Electric Goods
- 🧵 Textile Manufacturing
- 🚬 Tobacco
- 🚐 Trailers, Motor Homes, and Appliances
- 🏭 Upstream Metal Manufacturing
- 🎬 Video Production and Distribution
- 🏺 Vulcanized and Fired Materials
- ⛏️ 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