Texas Industry Concentrations

Where the State's Key Sectors Cluster

Office of the Governor | Economic Development & Tourism | 2012

INTRODUCTION

Contents

Biotech & Life Sciences 1
Information & Electronics 4
Professional & Financial Services 8
Aerospace & Aviation 12
Industrial Manufacturing 14
Petroleum & Chemical Products 18
Logistics & Transportation 20
Food & Beverage Processing 22

Where are Key Texas Industries Concentrated?

Across the diverse geography of Texas, each region specializes in its own unique array of advanced industries, where specific infrastructure and know-how have developed over years of growth.

Examining more than 40 advanced business sectors, this report identifies the Workforce Development regions of Texas where each industry is most highly concentrated. Using this approach, businesses can identify the regions with the largest concentrations of workers in a given sector.

An existing cluster of firms in a particular industry leads to the creation and maintenance of a trained labor force from which other businesses can draw. As a result, regions in Texas with specific labor pools continue to attract new expansions and relocations in those same sectors.

This report's industrial concentration assessment, also called location quotient analysis, comes from Q4 2010 Texas Workforce Commission data. The analysis compares the portion of a Texas region's workforce employed in a certain sector to the portion of the entire U.S. workforce employed in that sector. The comparison provides a ratio that measures how intensively a certain region is specialized in a particular industry, and ranks it as "moderate," "above average," or "high."

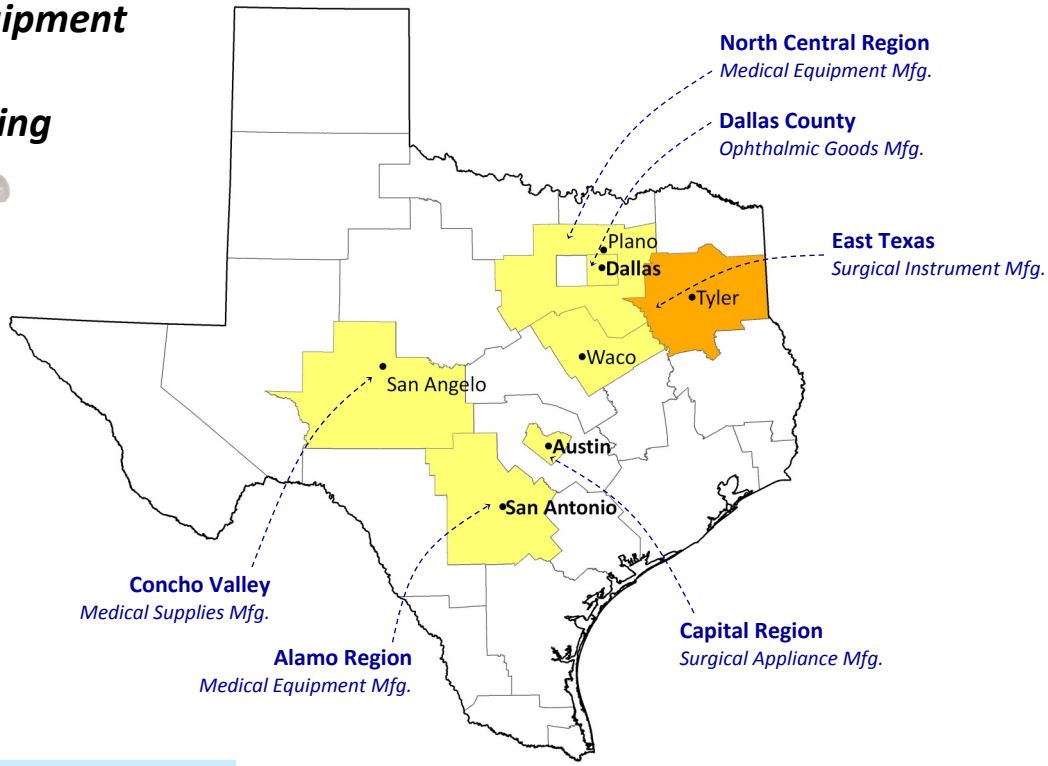
This report focuses on a selection of advanced sectors that are key to the state's future economic growth, such as life sciences, IT, and aerospace. The regions highlighted in this report do not represent the only areas in Texas where a relevant labor force can be found, but rather, represent the areas of the state with the greatest concentrations of employment in these given industries.

Key

	Moderate	*Regional concentration is similar to the national average for that industry*
	Above Average	*Regional concentration is 20% to 99% above the national average for that industry*
	High	*Regional concentration is double the national average for that industry, or more*

BIOTECH & LIFE SCIENCES

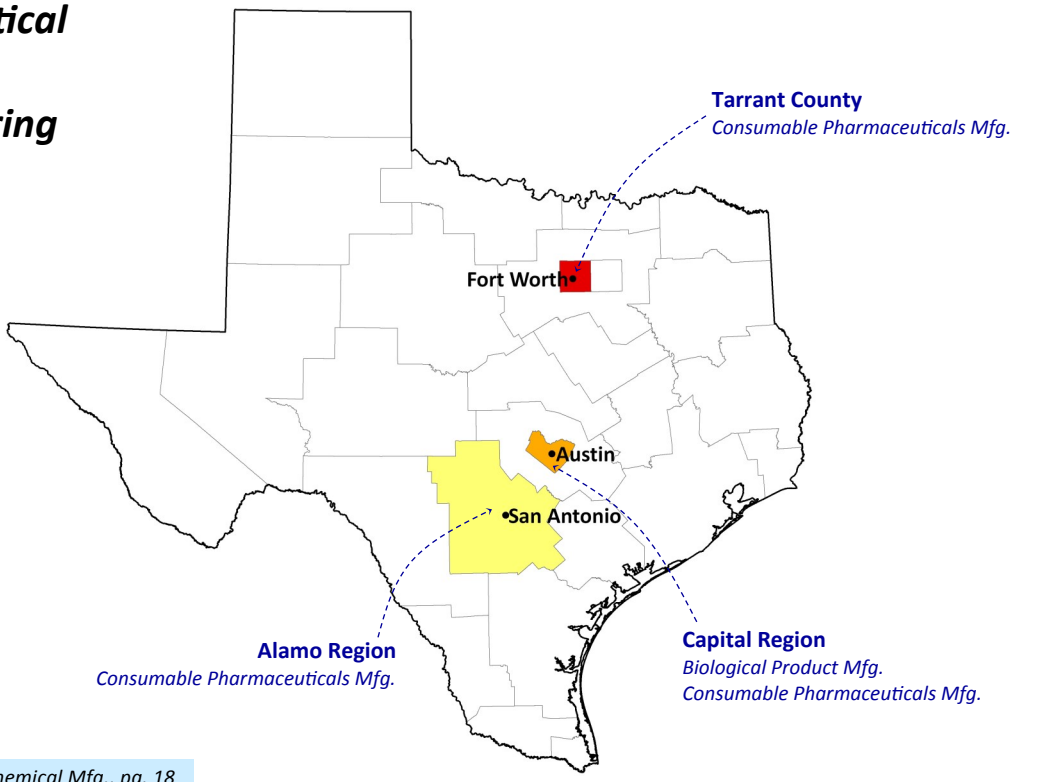
Medical Equipment & Supplies Manufacturing



Concentration
- *Moderate*
- *Above Average*
- *High*

➔***Related workforce:*** *Machinery Mfg.(pg. 14-16)*

Pharmaceutical & Medicine Manufacturing

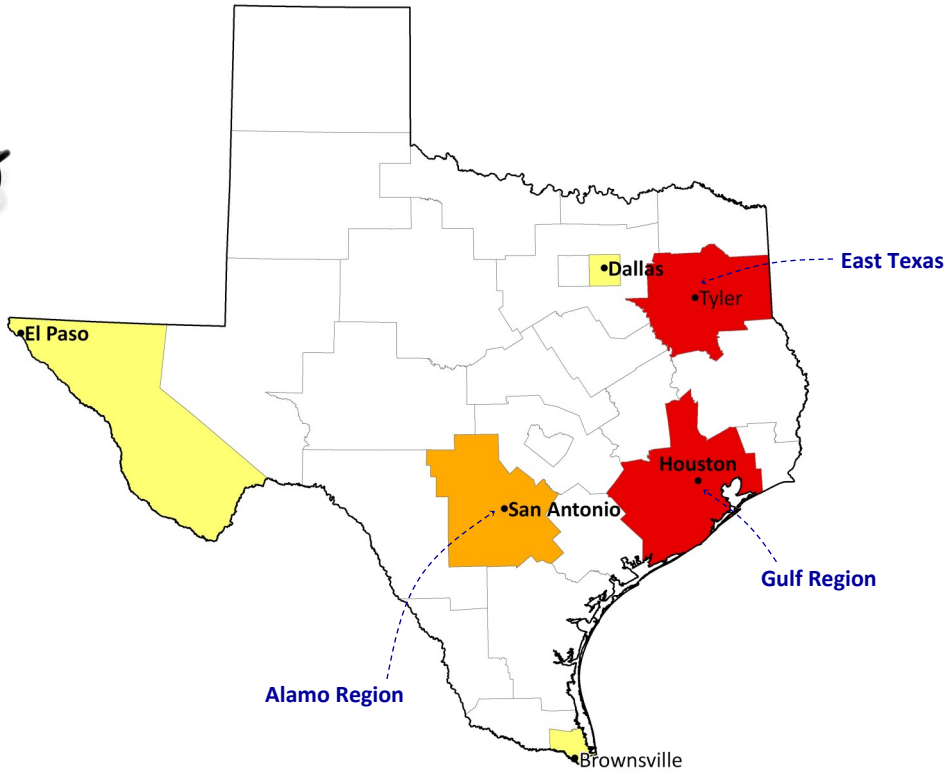


Concentration
- *Moderate*
- *Above Average*
- *High*

➔***Related workforce:*** *Chemical Mfg., pg. 18*

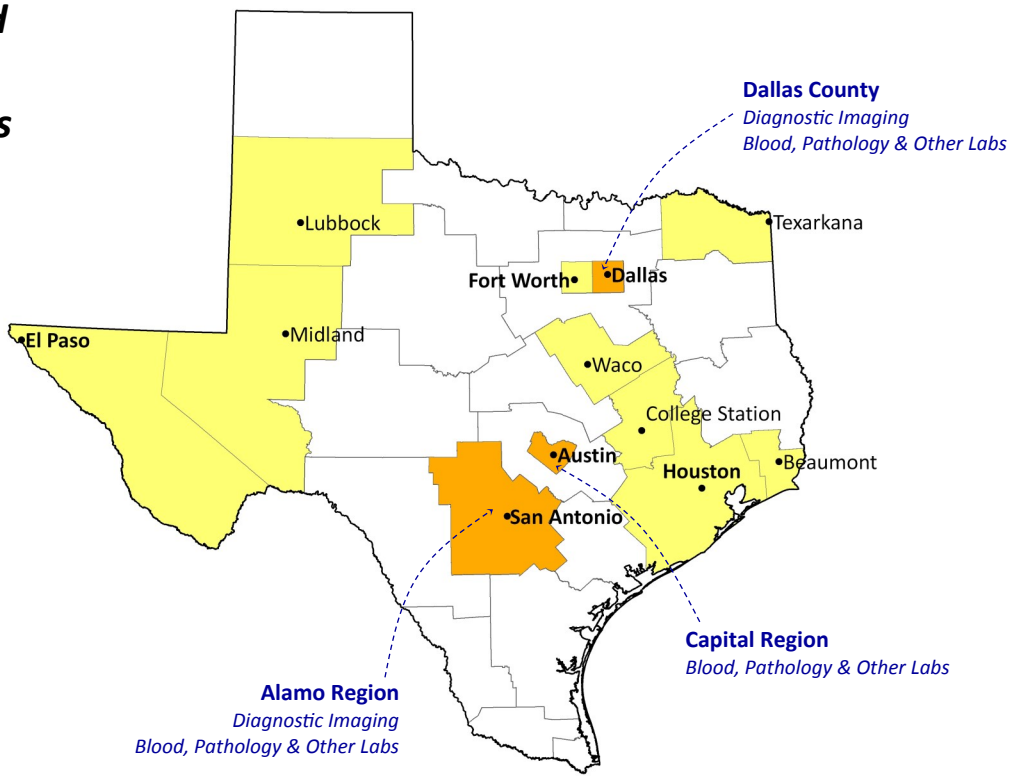
Specialized Hospitals

This sector provides treatment to inpatients with specific types of diseases or medical conditions and does not provide general emergency or surgical care



Concentration
- *Moderate*
- *Above Average*
- *High*

Medical and Diagnostic Laboratories



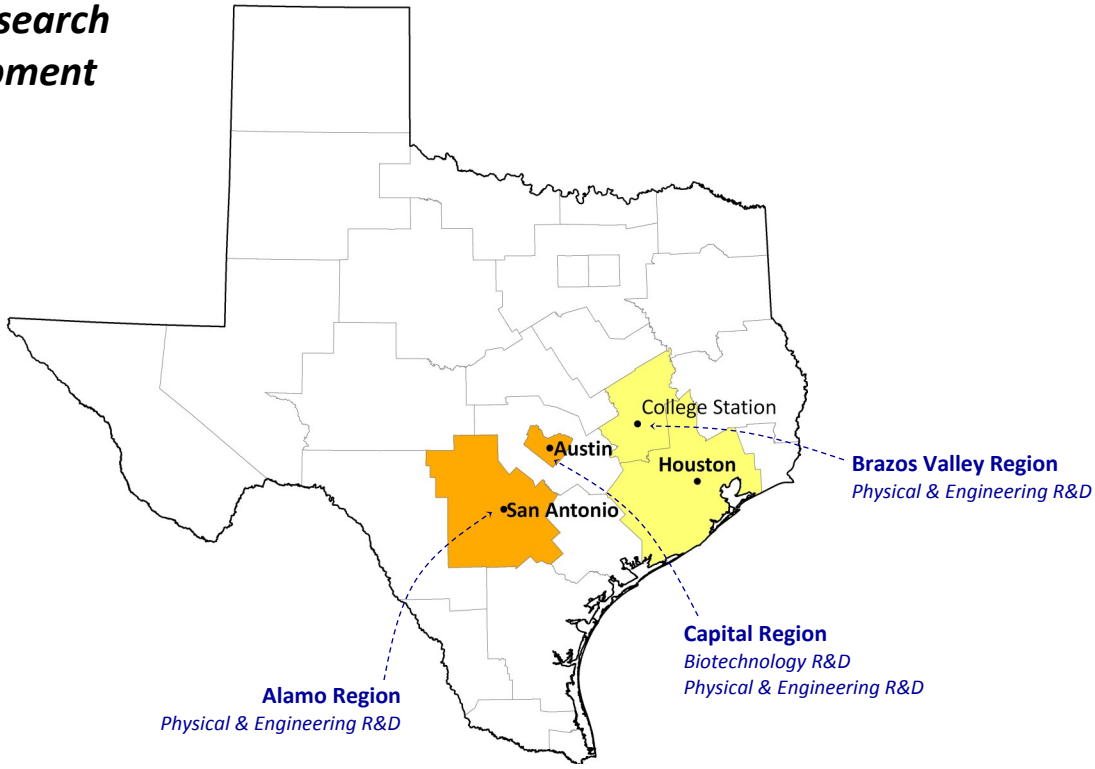
Concentration
- *Moderate*
- *Above Average*
- *High*

Scientific Research and Development Services

This sector conducts original investigation in the fields of biotechnology, medicine, physical science, engineering, social science, etc.

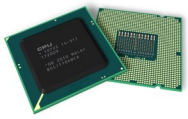
Concentration

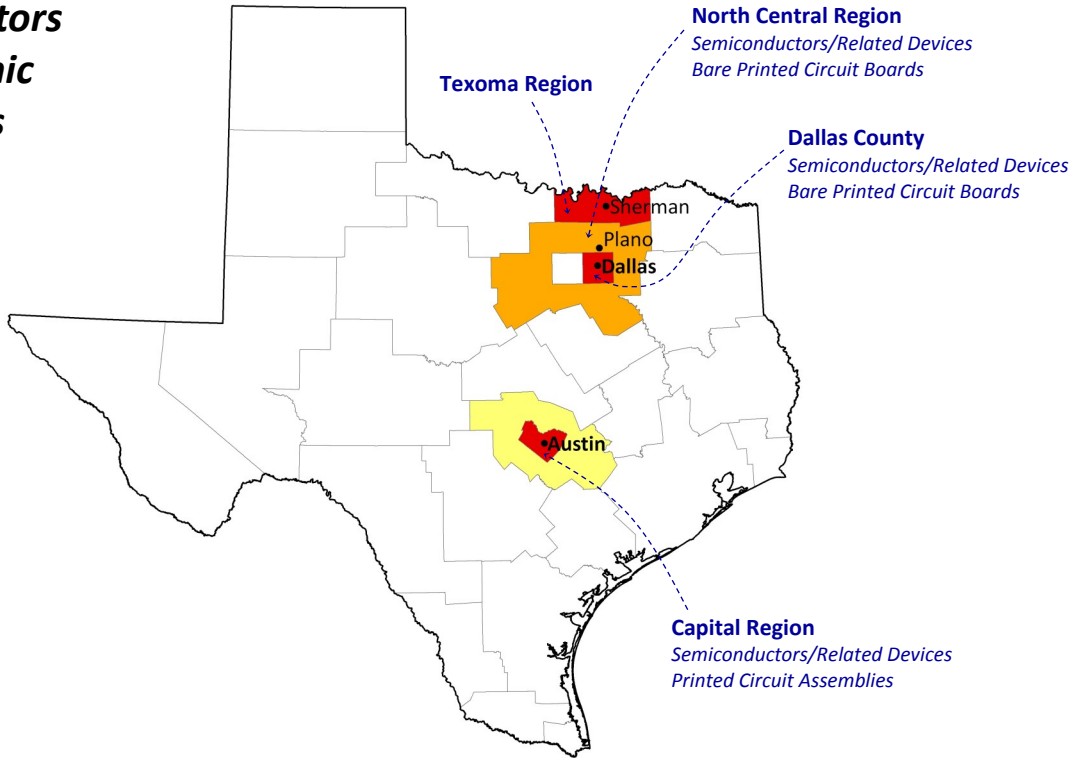
- *Moderate*
- *Above Average*
- *High*



INFORMATION & ELECTRONICS

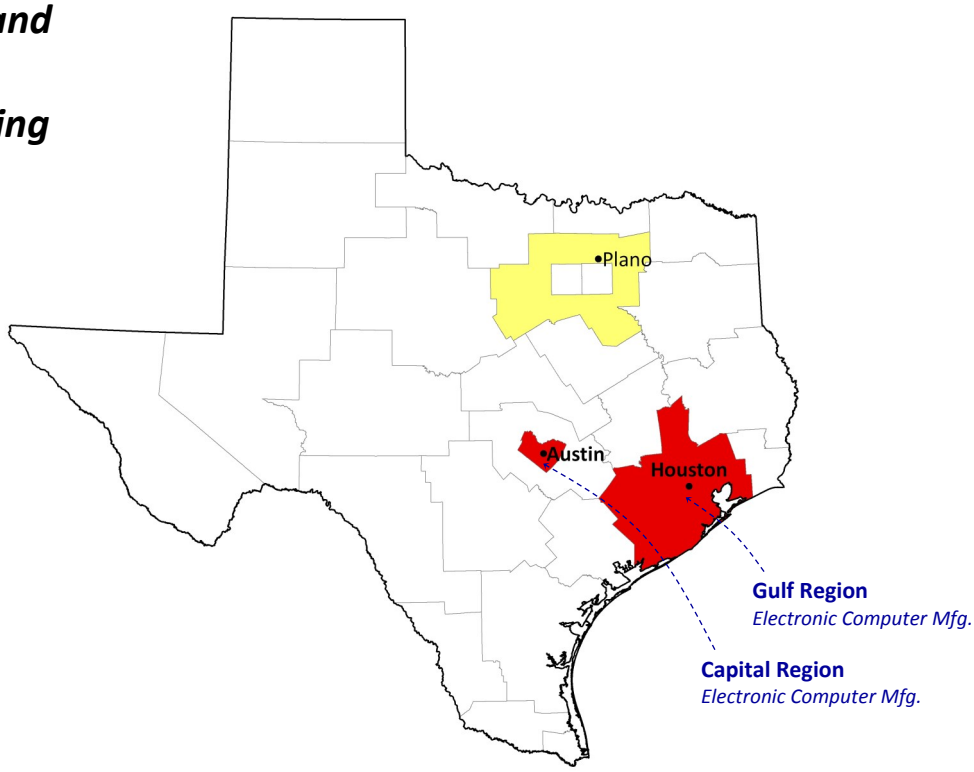
Semiconductors and Electronic Components





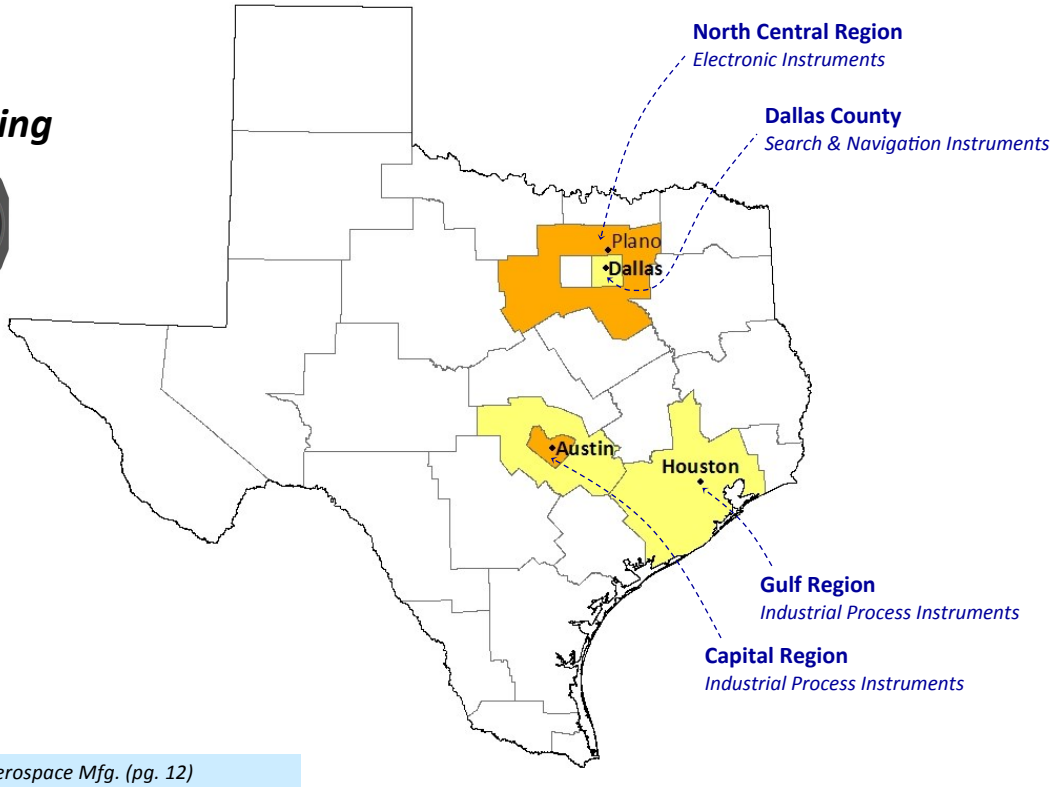
Concentration
- *Moderate*
- *Above Average*
- *High*

Computers and Peripherals Manufacturing



Concentration
- *Moderate*
- *Above Average*
- *High*

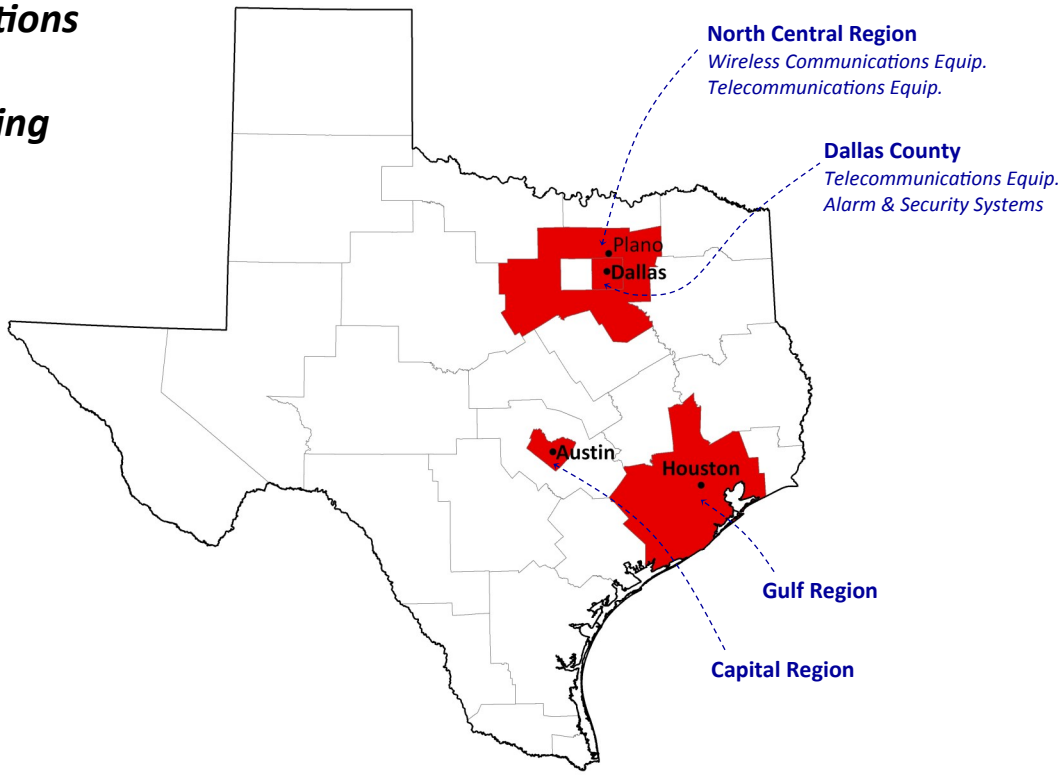
Electronic Instrument Manufacturing



Concentration
- *Moderate*
- *Above Average*
- *High*

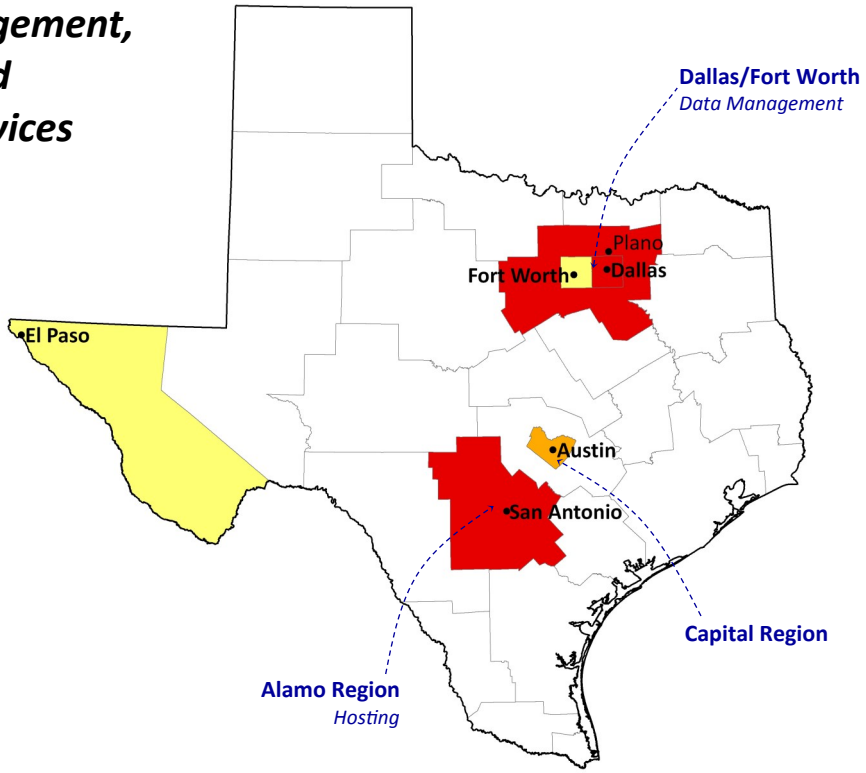
➔***Related workforce:*** *Aerospace Mfg. (pg. 12)*

Communications Equipment Manufacturing



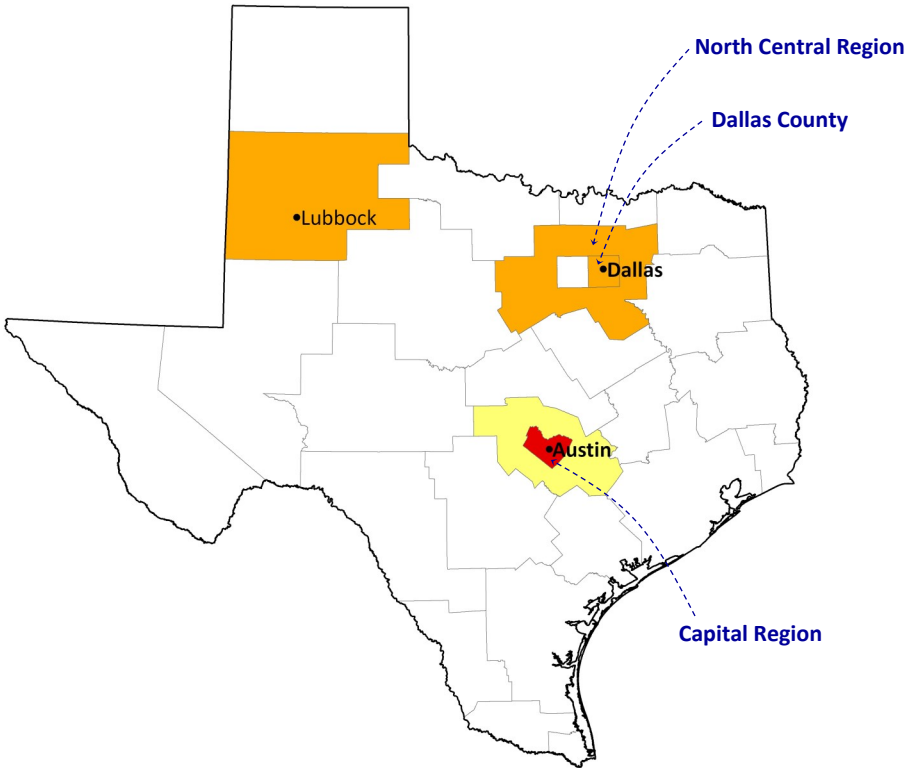
Concentration
- *Moderate*
- *Above Average*
- *High*

Data Management, Hosting, and Related Services



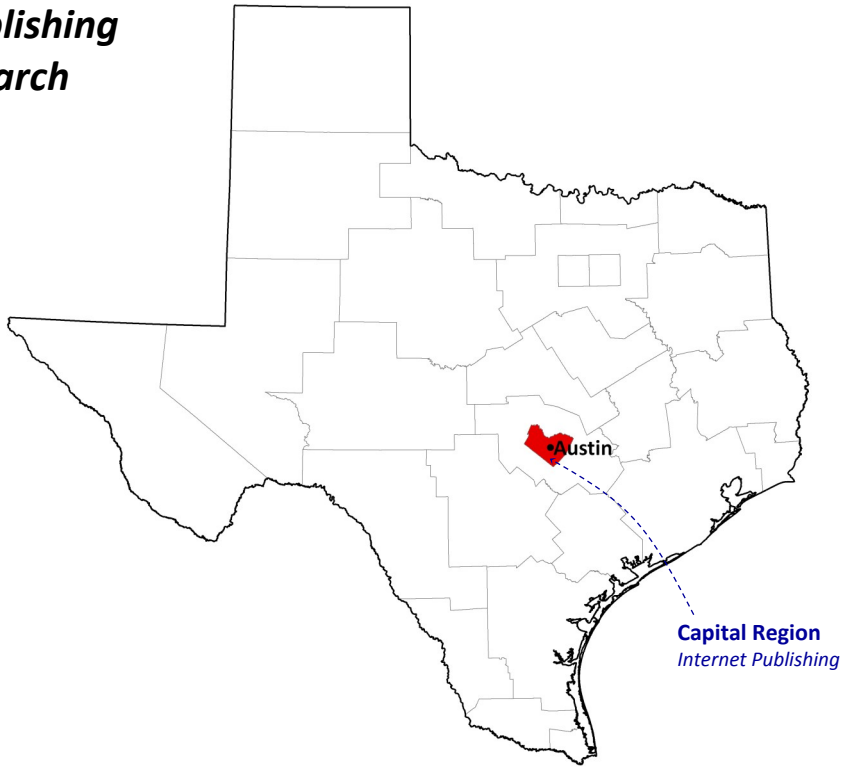
Concentration
- *Moderate*
- *Above Average*
- *High*

Software Publishing



Concentration
- *Moderate*
- *Above Average*
- *High*

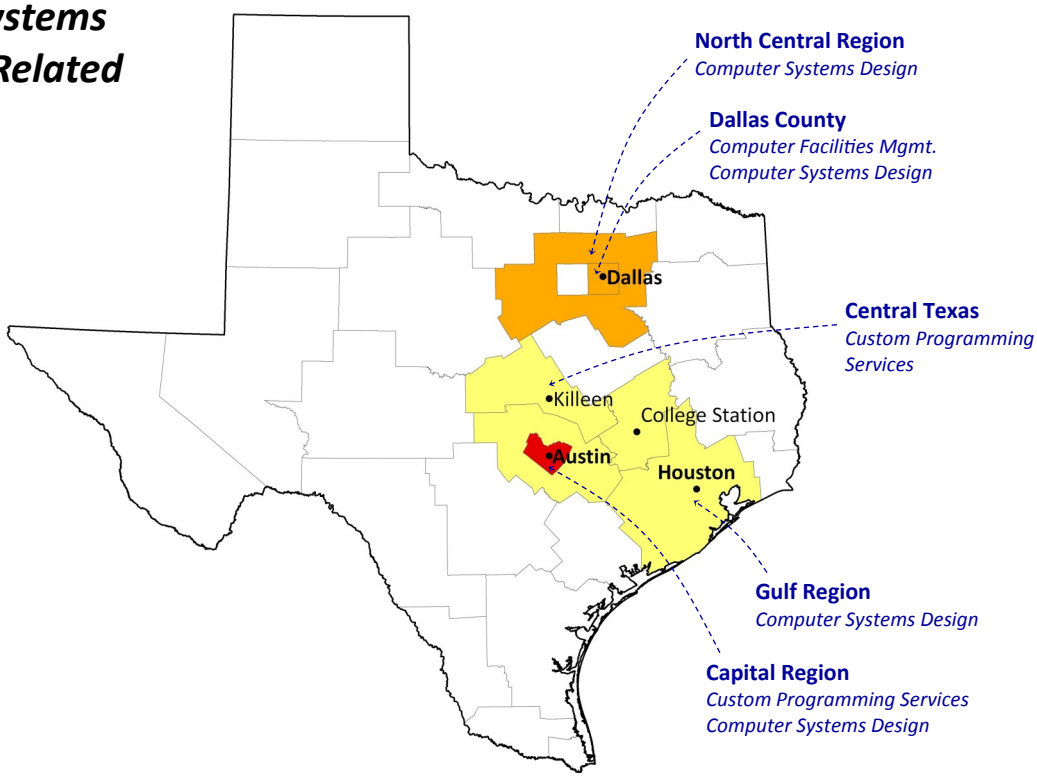
Internet Publishing and Web Search Portals



Concentration
- *Moderate*
- *Above Average*
- *High*

Computer Systems Design and Related Services

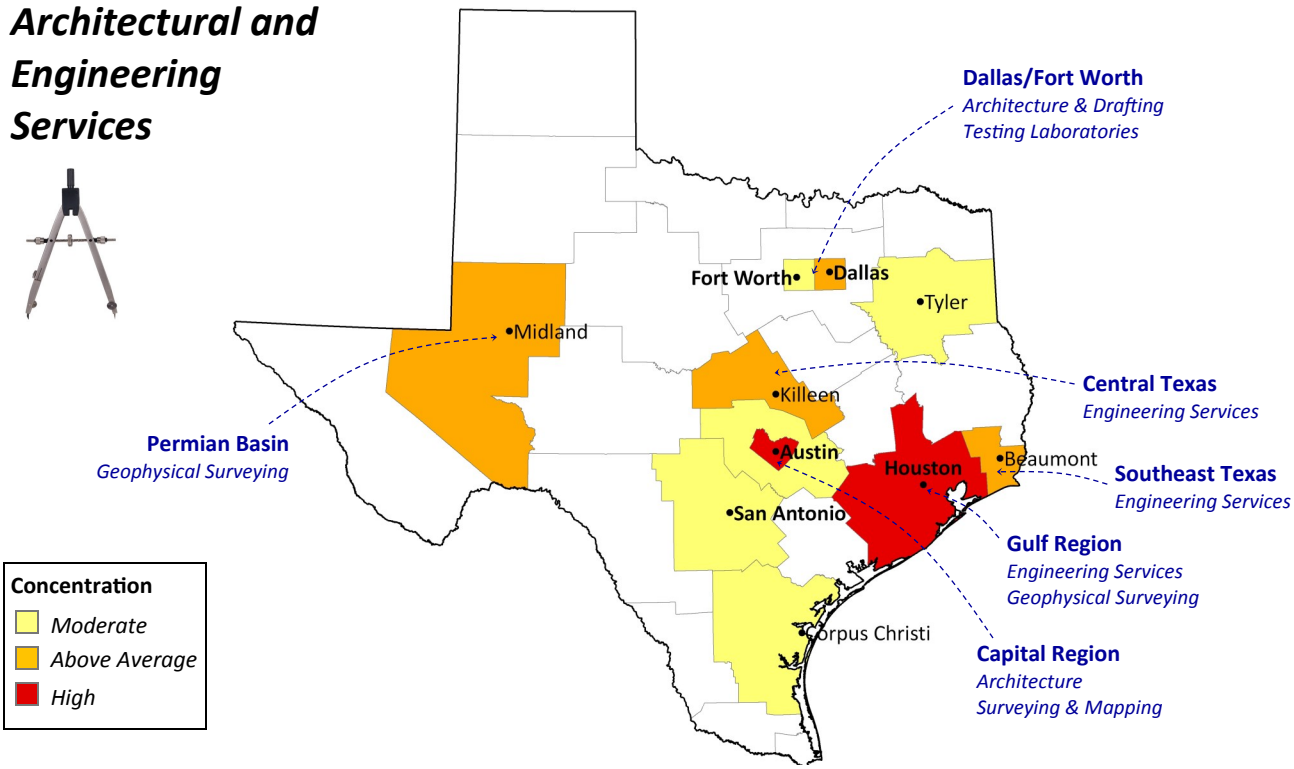
This sector provides customized software and hardware integration, customized software installation, onsite IT and data facility management, and other computer-related services



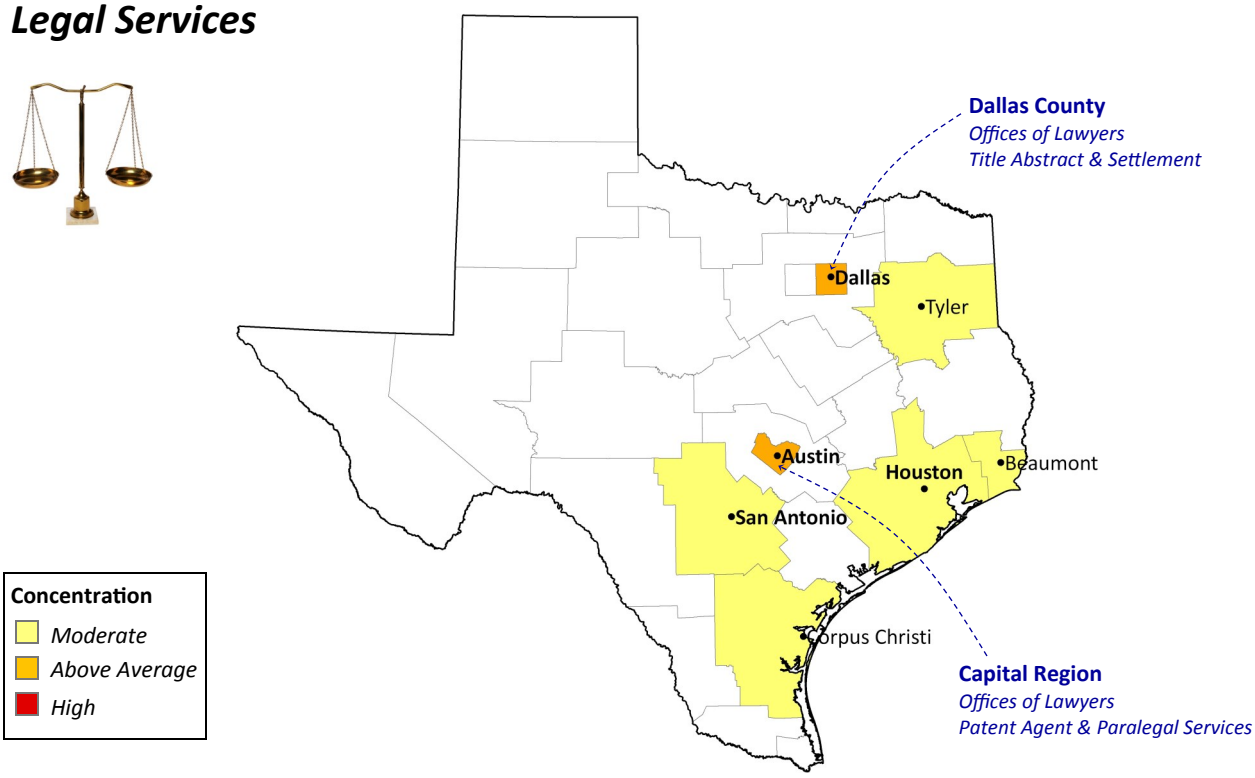
Concentration
- *Moderate*
- *Above Average*
- *High*

PROFESSIONAL SERVICES

Architectural and Engineering Services

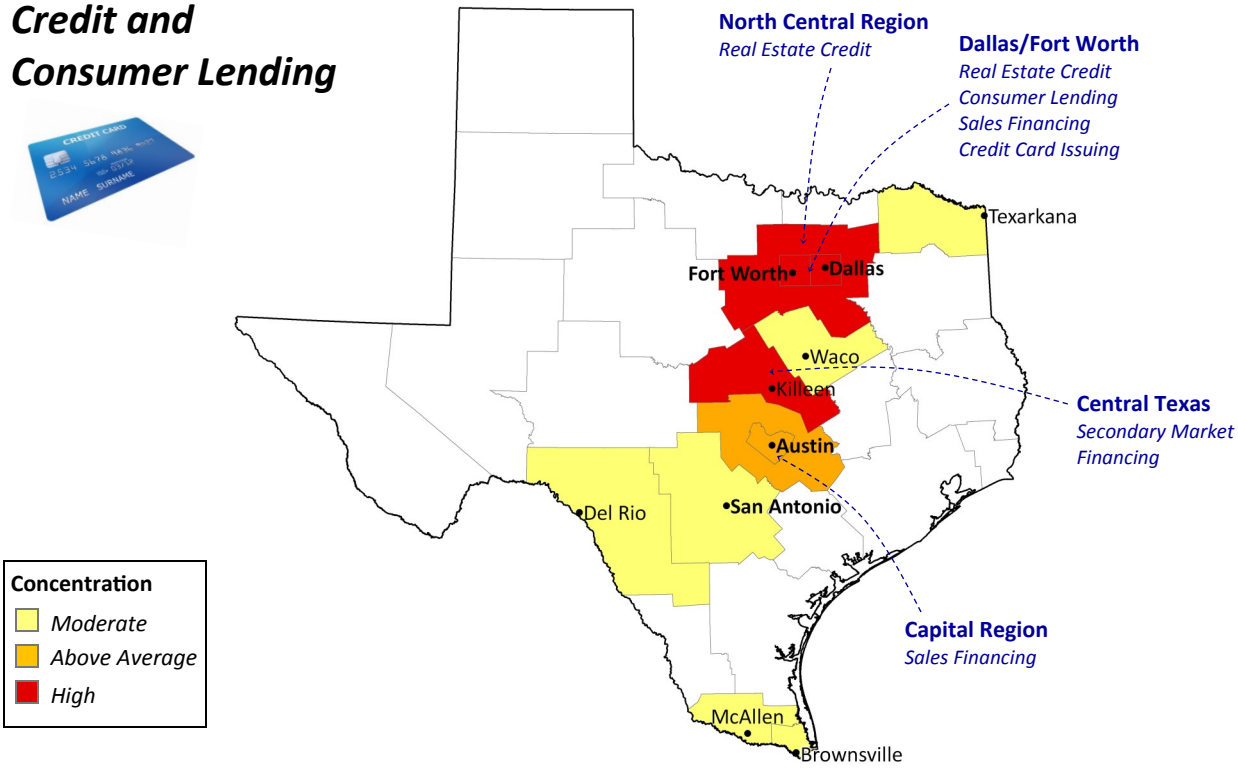


Legal Services

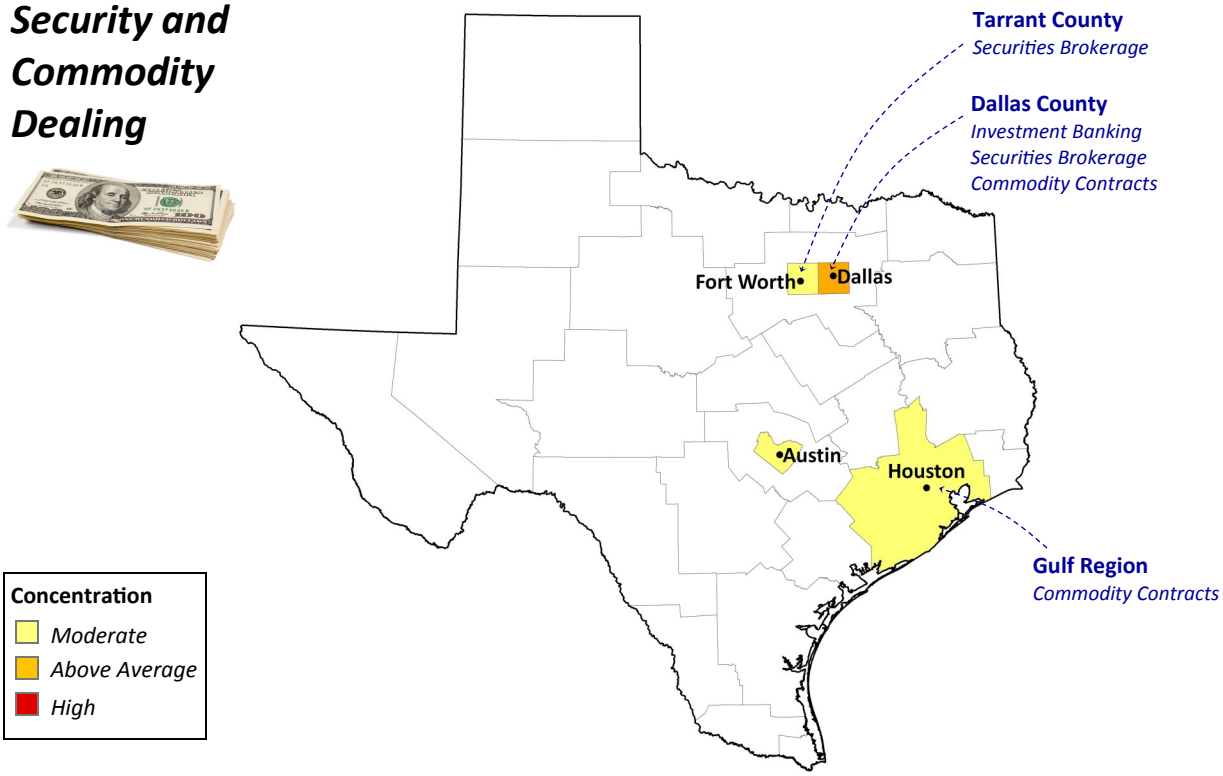


FINANCIAL SERVICES

Credit and Consumer Lending



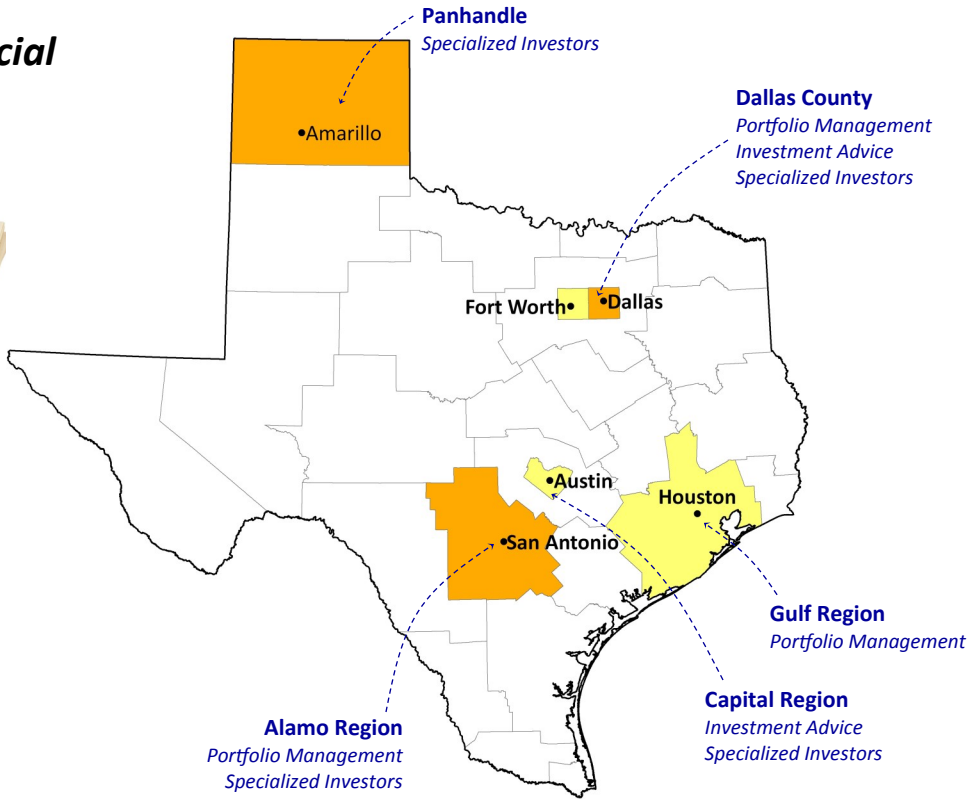
Security and Commodity Dealing



Other Financial Investment Services

This sector includes financial planning, portfolio management, mineral royalty and lease brokerage, venture capital firms, and other services

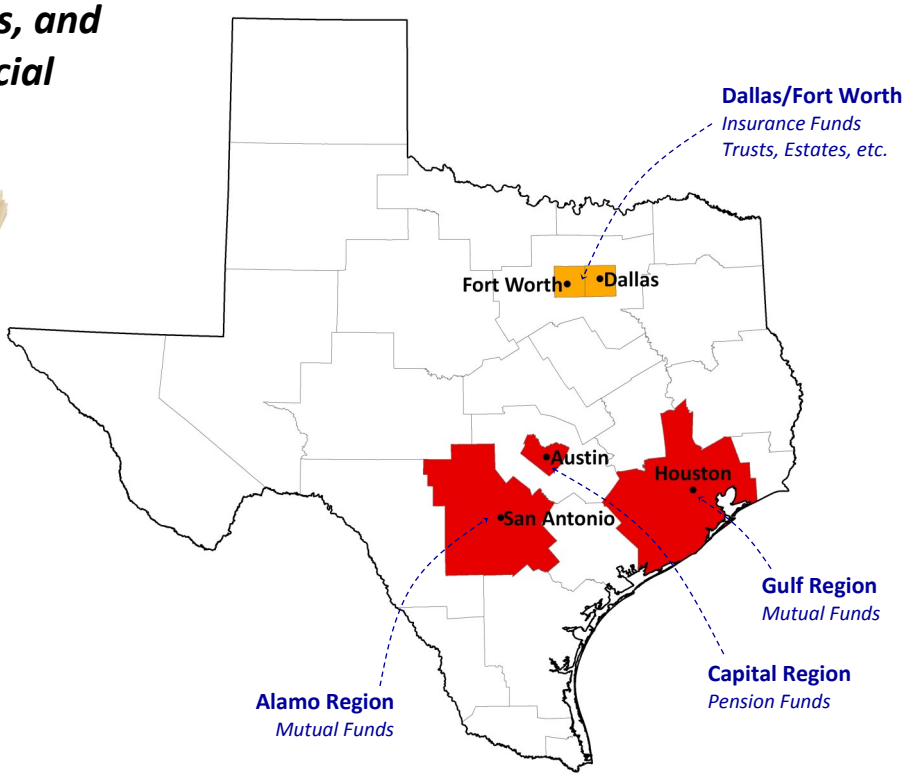
Concentration
- *Moderate*
- *Above Average*
- *High*



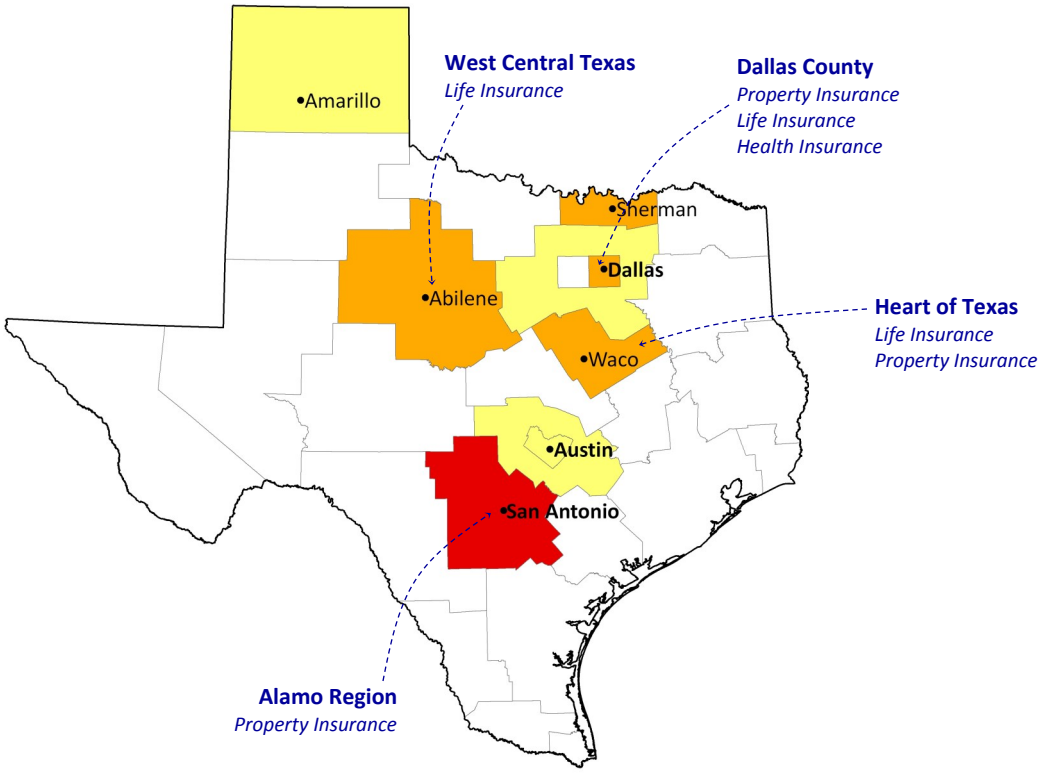
Funds, Trusts, and Other Financial Vehicles

This sector pools securities or other assets on behalf of employee benefit groups or other shareholders. This includes pension funds, mutual funds, and others

Concentration
- *Moderate*
- *Above Average*
- *High*

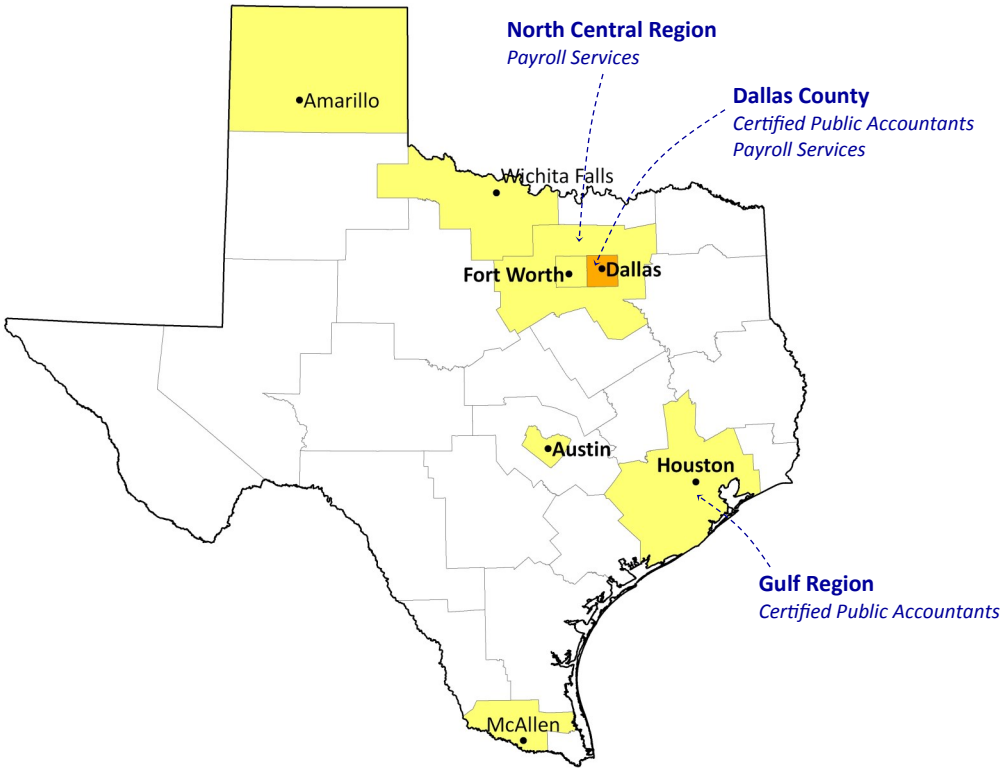


Insurance Carriers



Concentration
- *Moderate*
- *Above Average*
- *High*

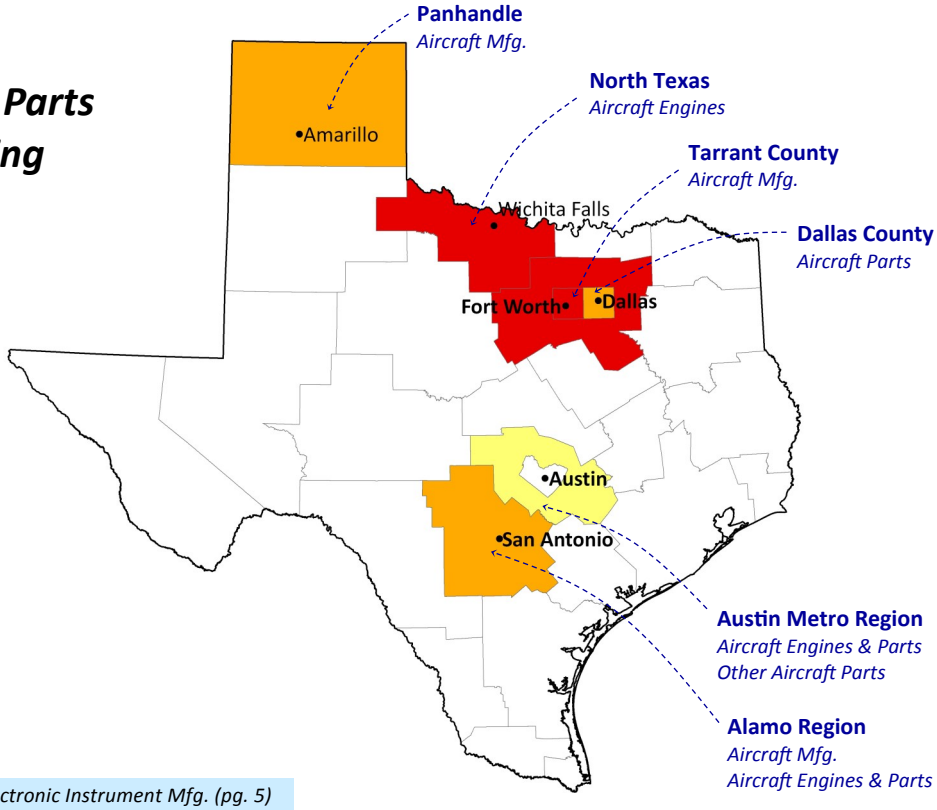
Accounting Services



Concentration
- *Moderate*
- *Above Average*
- *High*

AEROSPACE & AVIATION

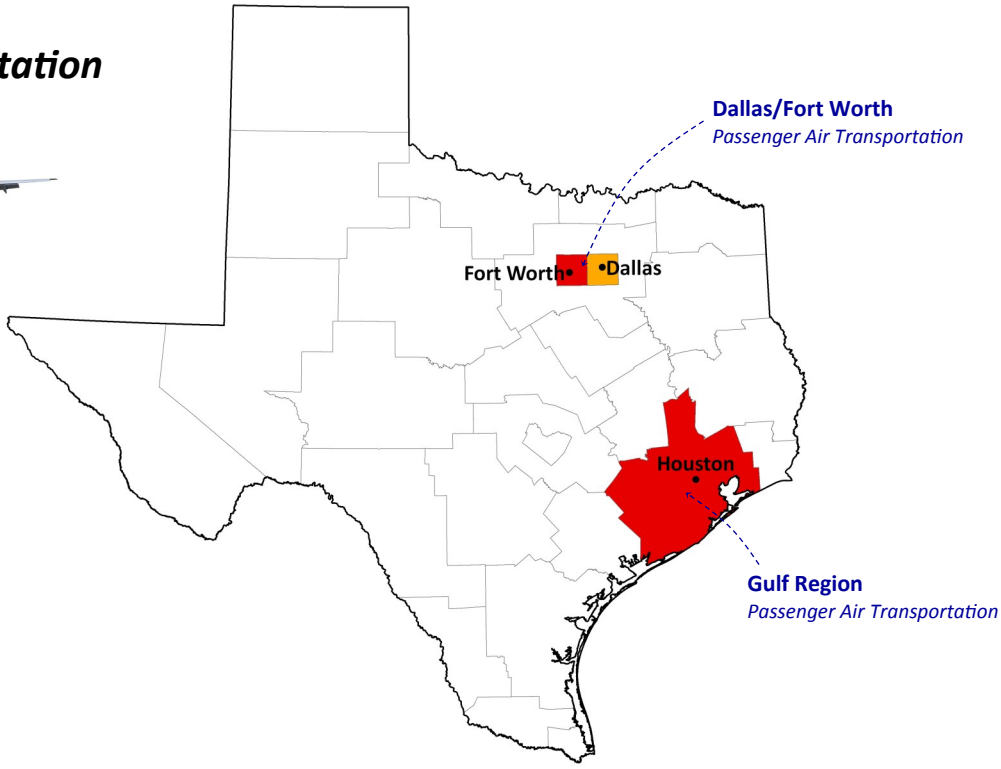
Aerospace Product and Parts Manufacturing



Concentration
- *Moderate*
- *Above Average*
- *High*

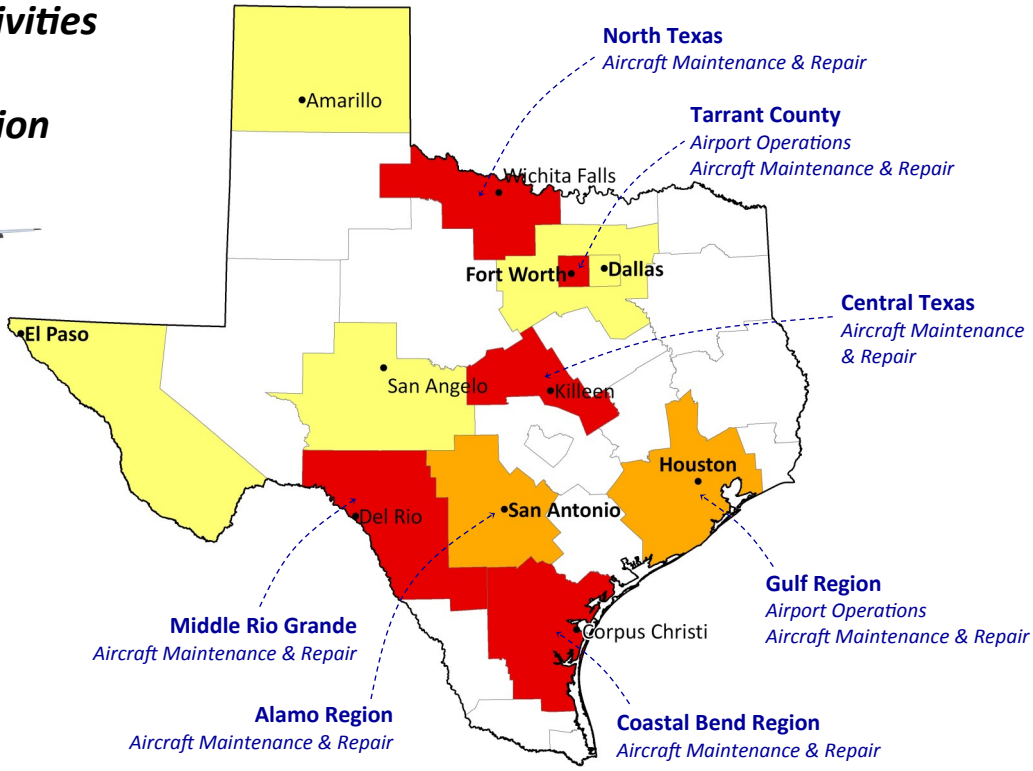
➔***Related workforce:*** *Electronic Instrument Mfg. (pg. 5)*

Scheduled Air Transportation



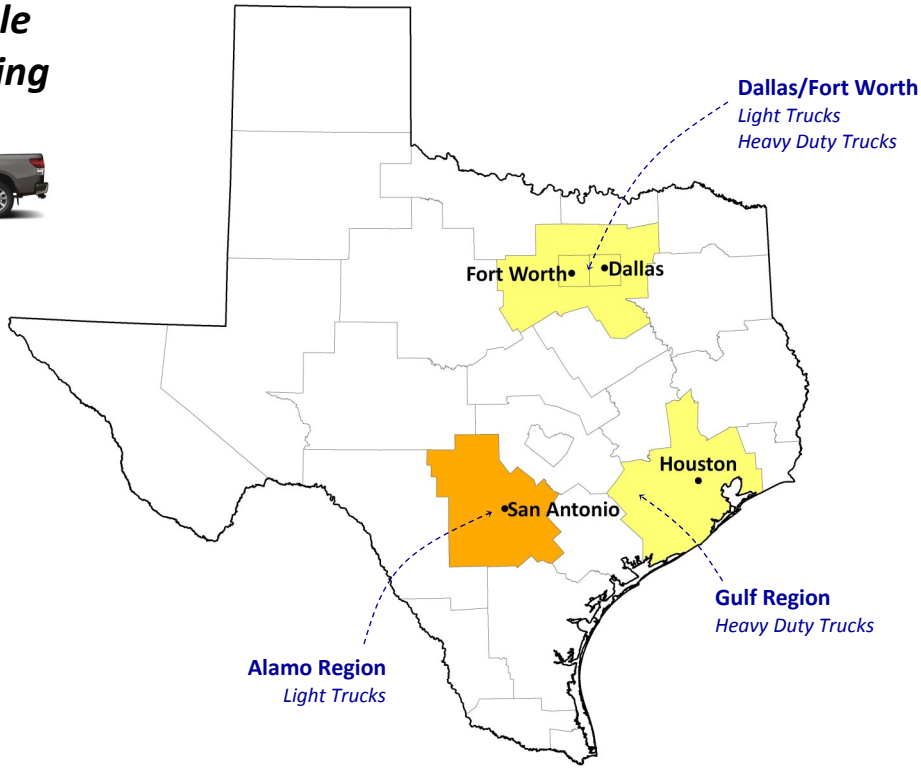
Concentration
- *Moderate*
- *Above Average*
- *High*

Support Activities for Air Transportation

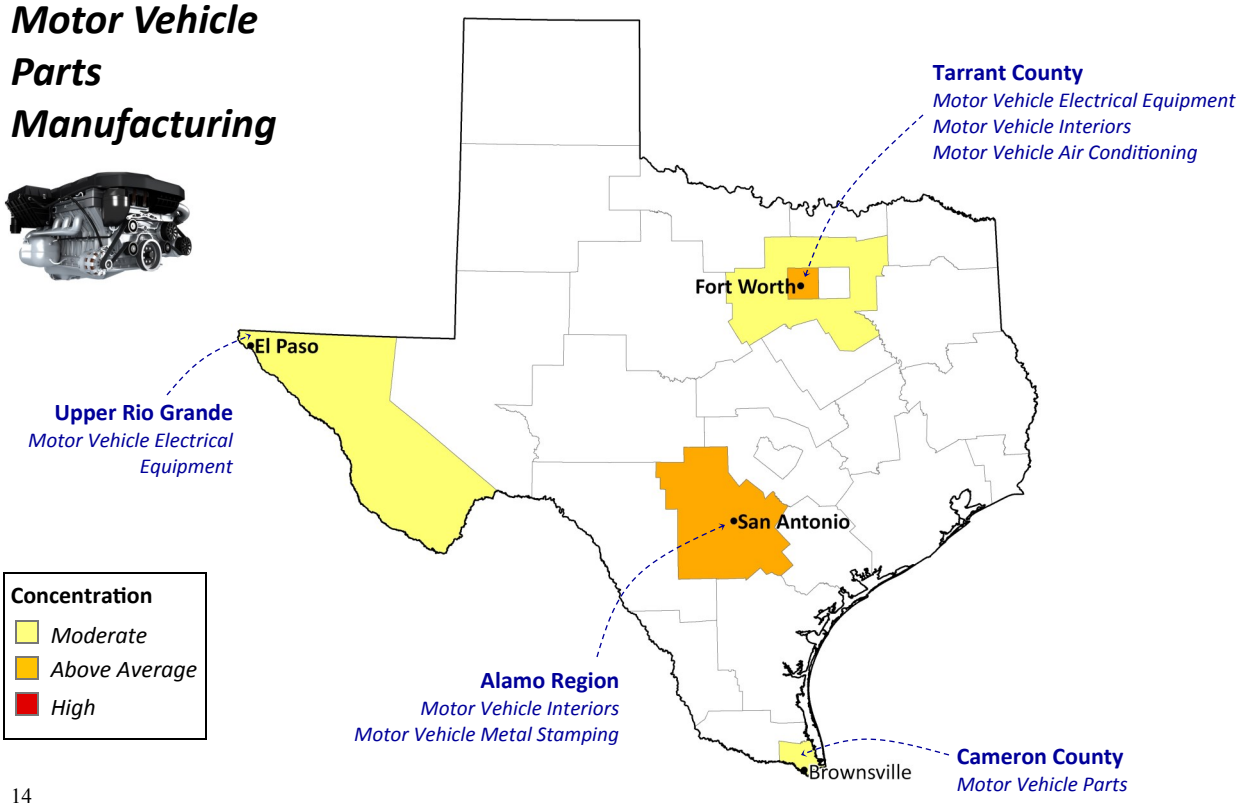


INDUSTRIAL MANUFACTURING

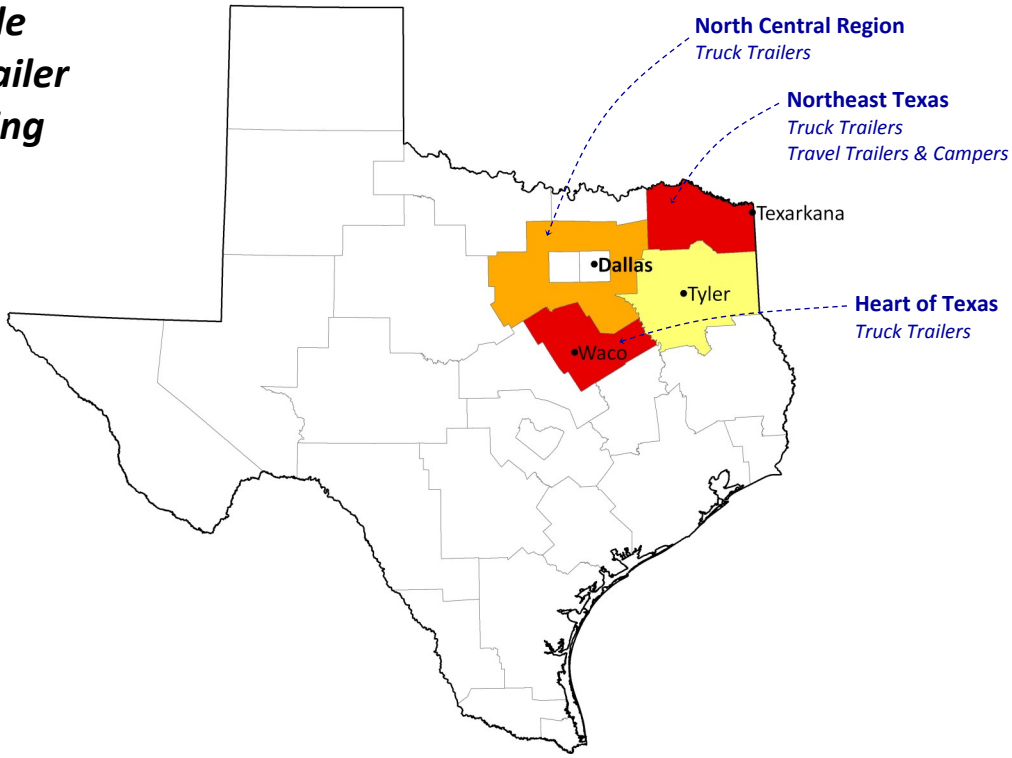
Motor Vehicle Manufacturing



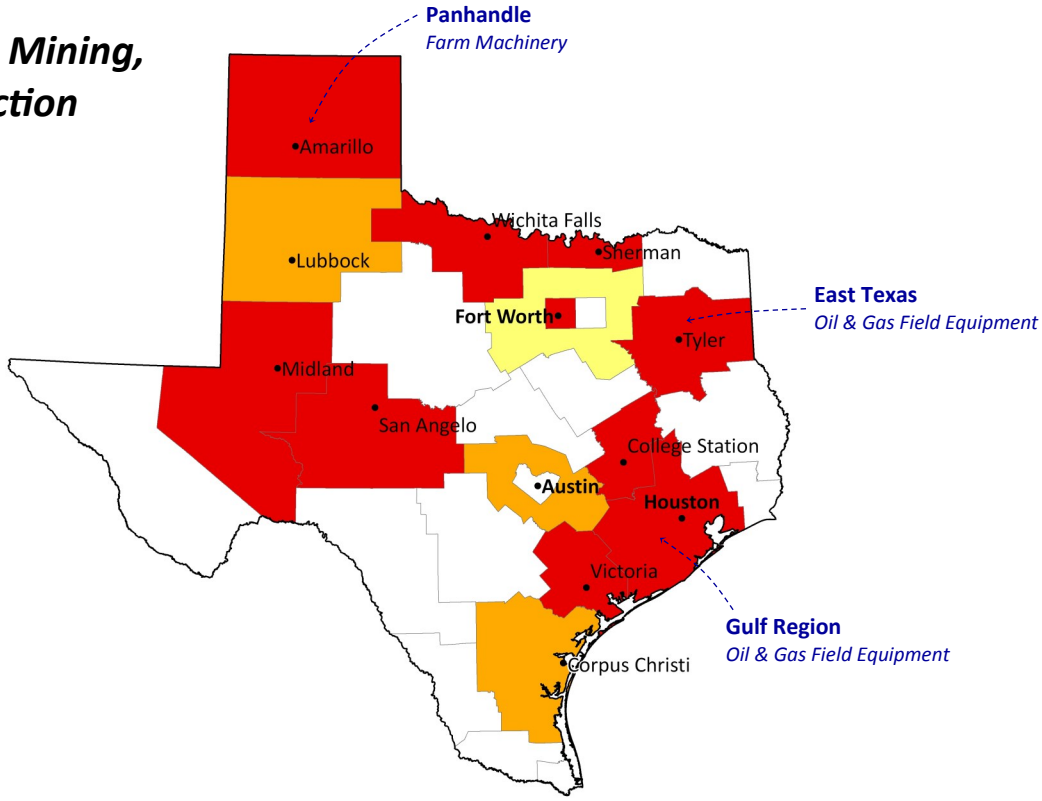
Motor Vehicle Parts Manufacturing



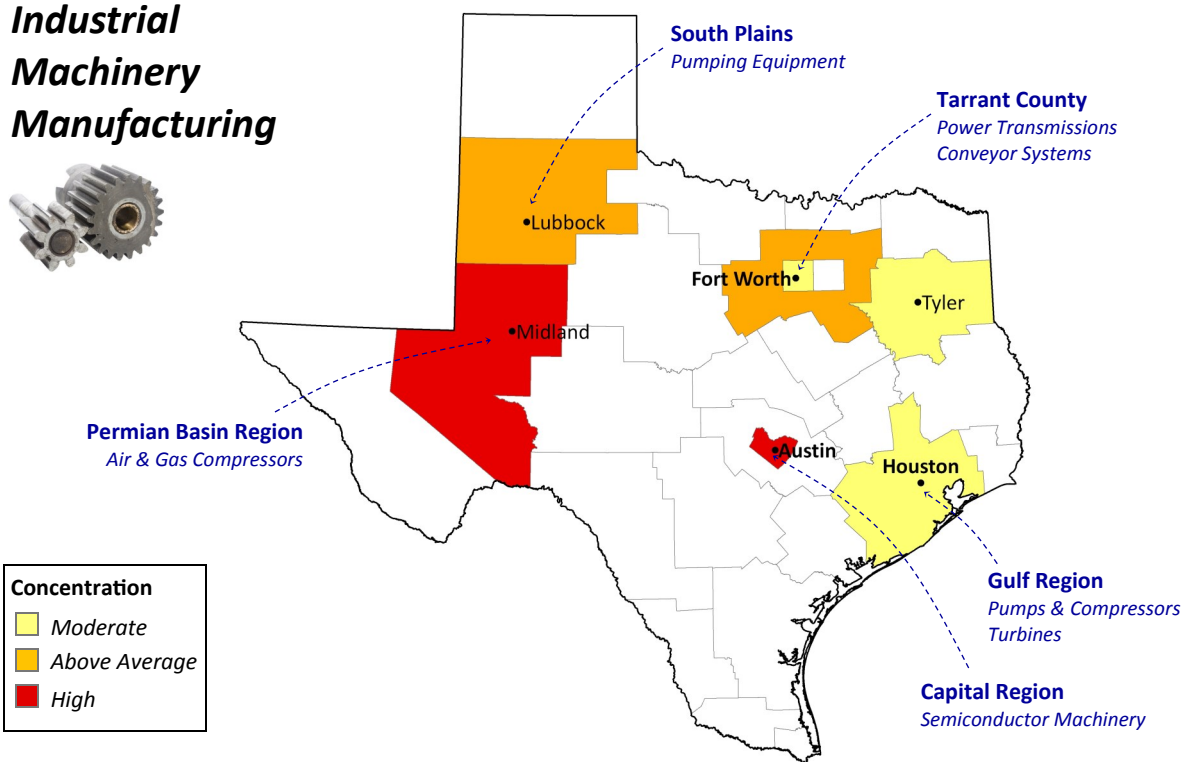
Motor Vehicle Body and Trailer Manufacturing



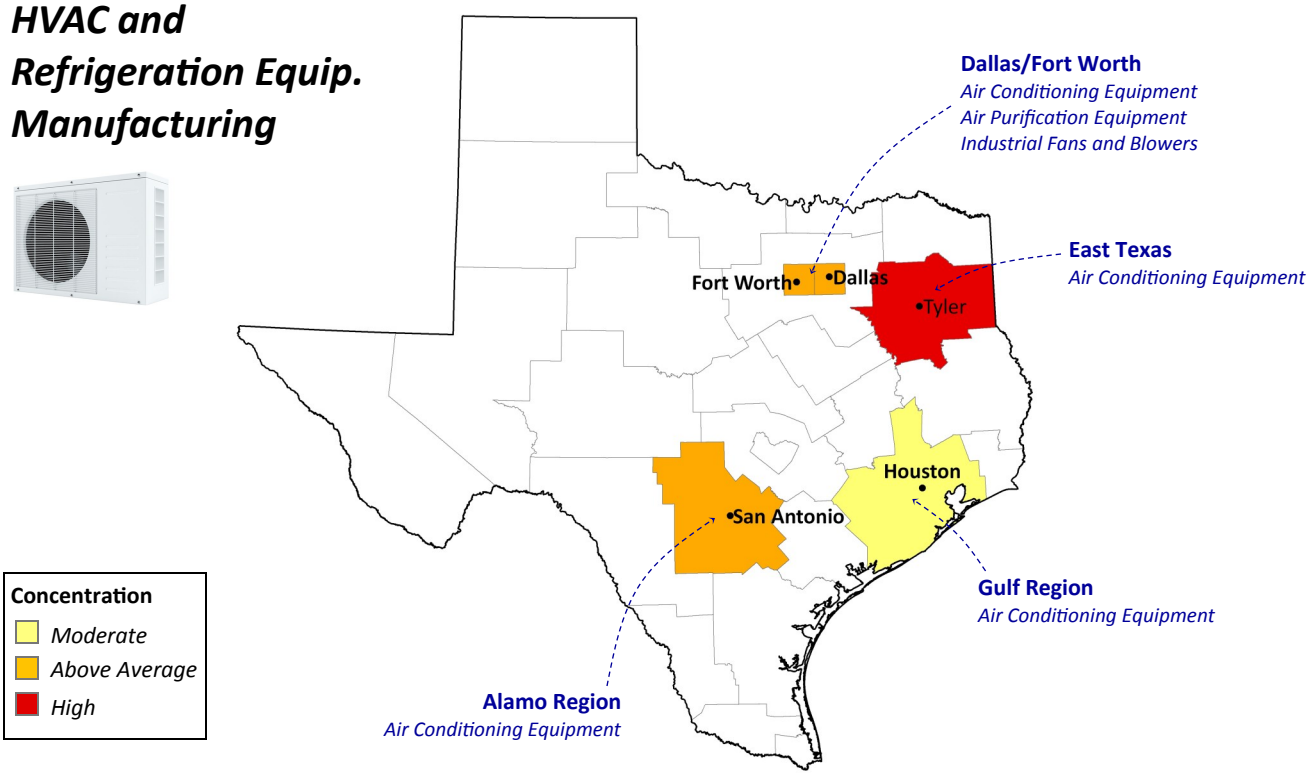
Agricultural, Mining, and Construction Machinery



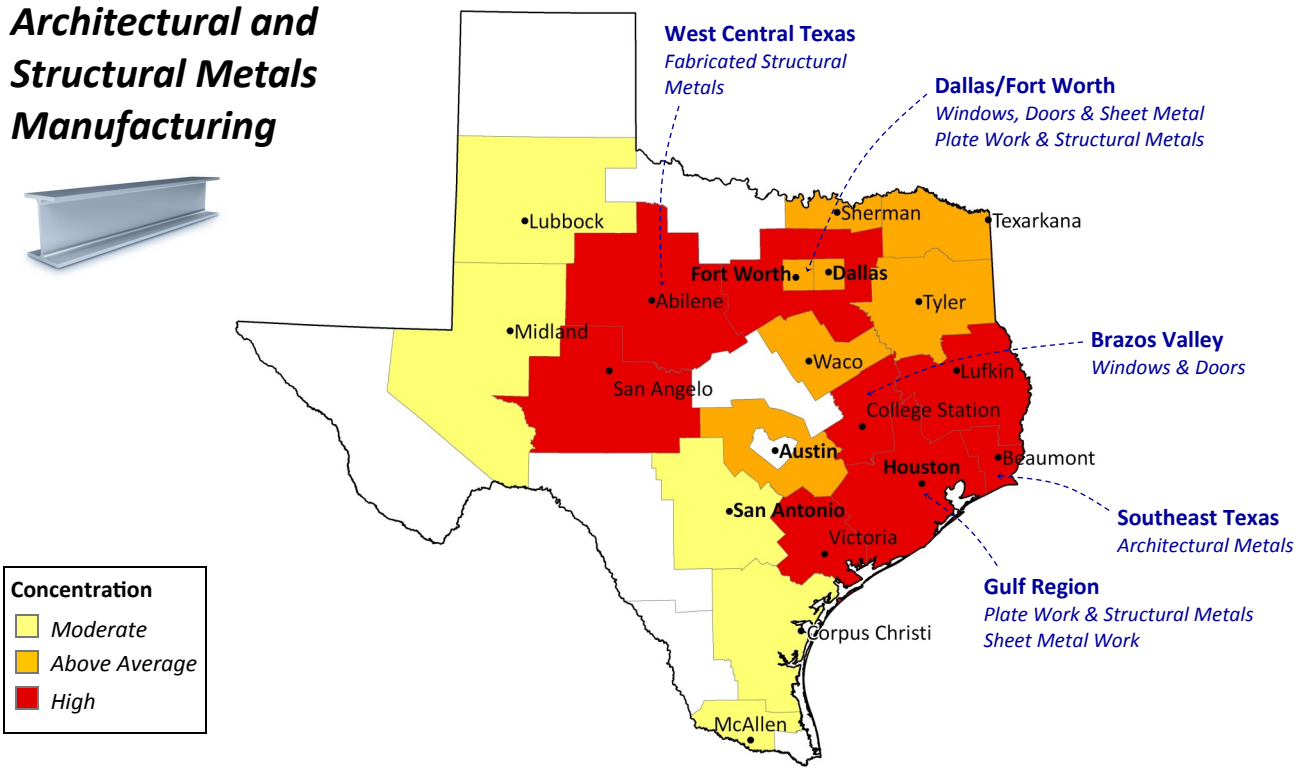
Industrial Machinery Manufacturing



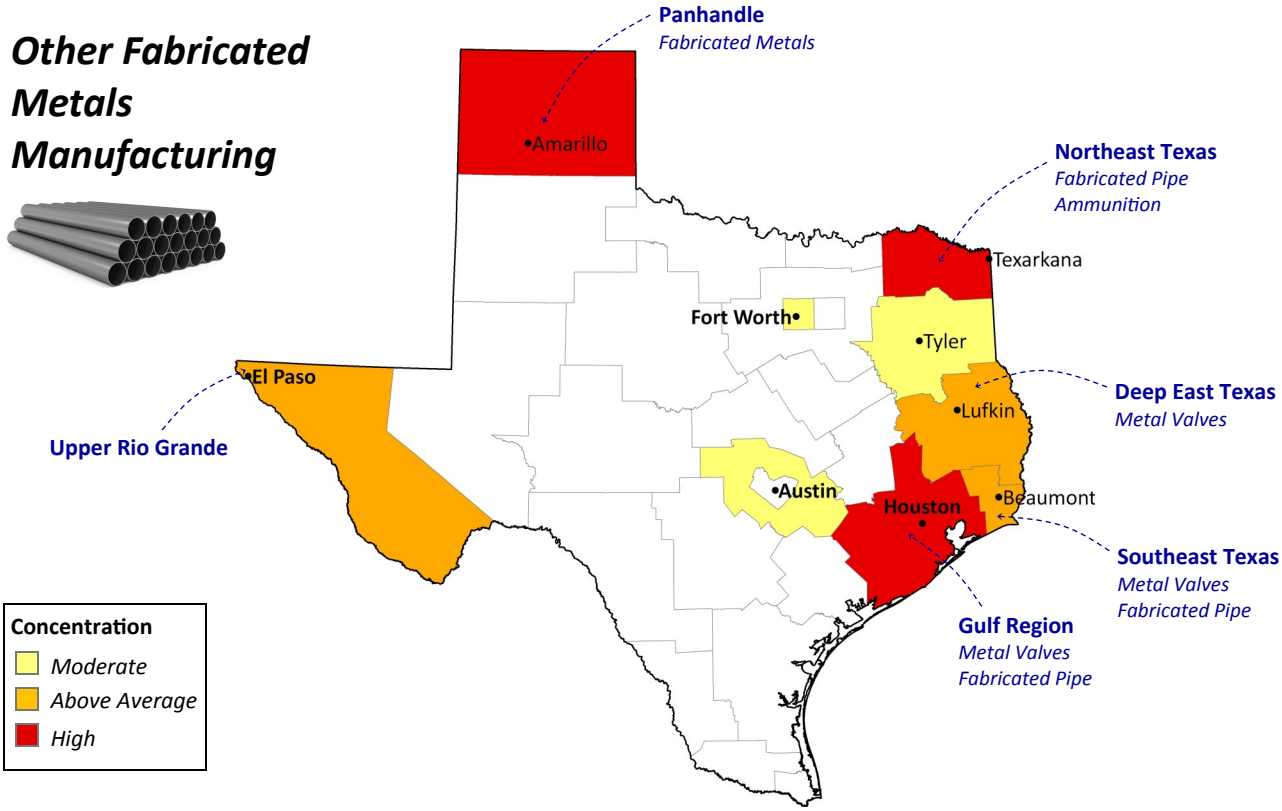
HVAC and Refrigeration Equip. Manufacturing



Architectural and Structural Metals Manufacturing

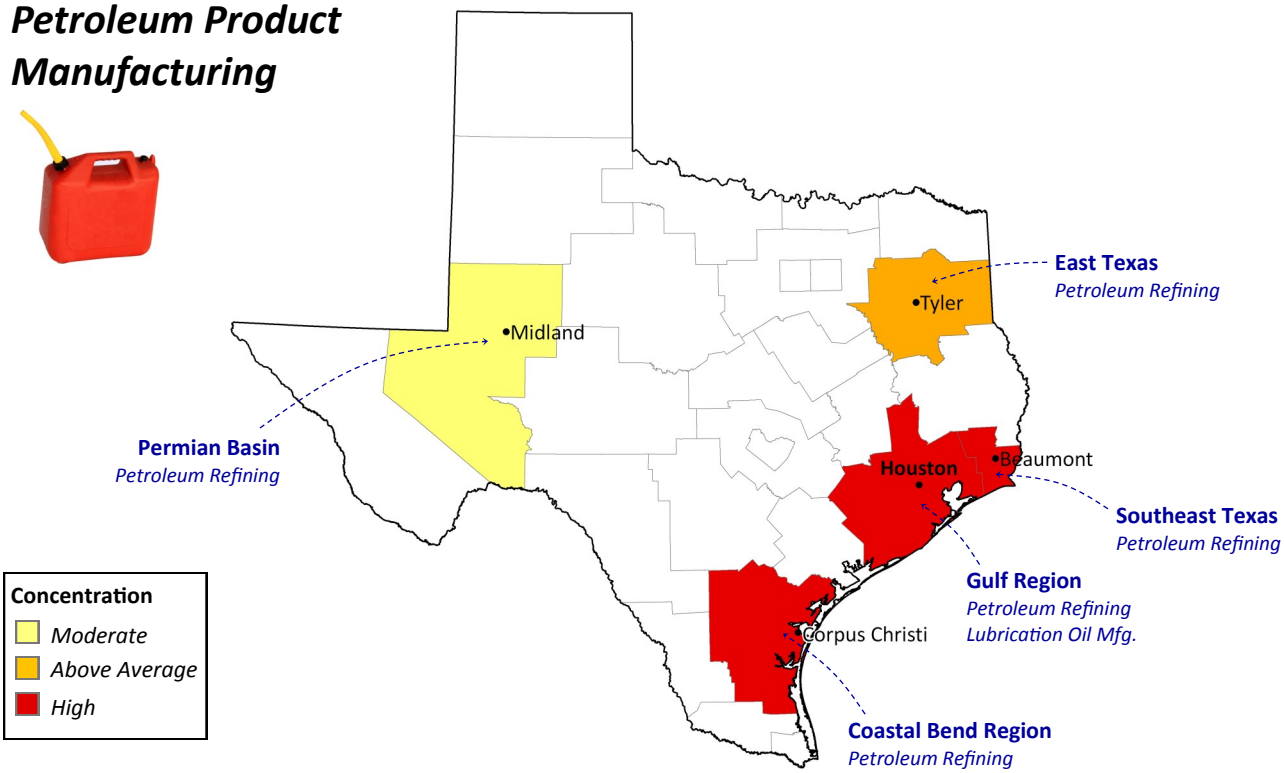


Other Fabricated Metals Manufacturing

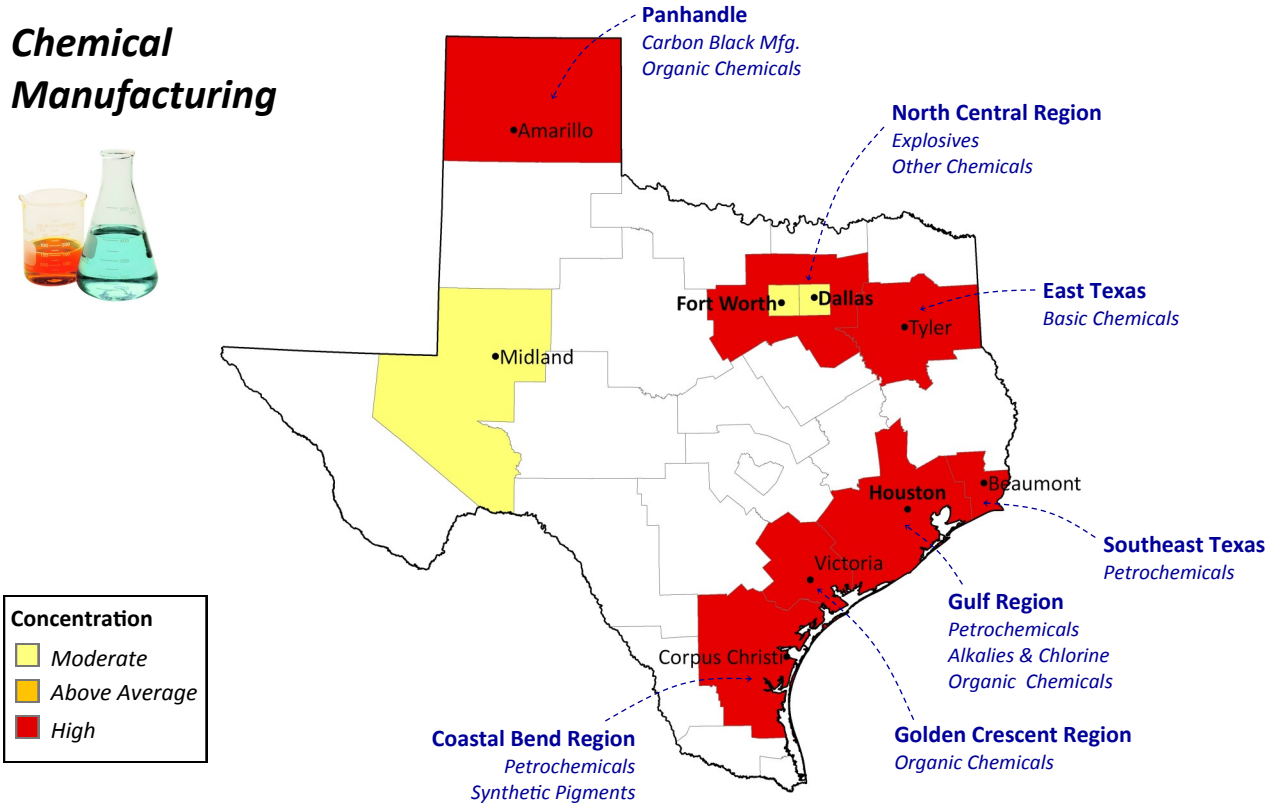


PETROLEUM & CHEMICAL PRODUCTS

Petroleum Product Manufacturing

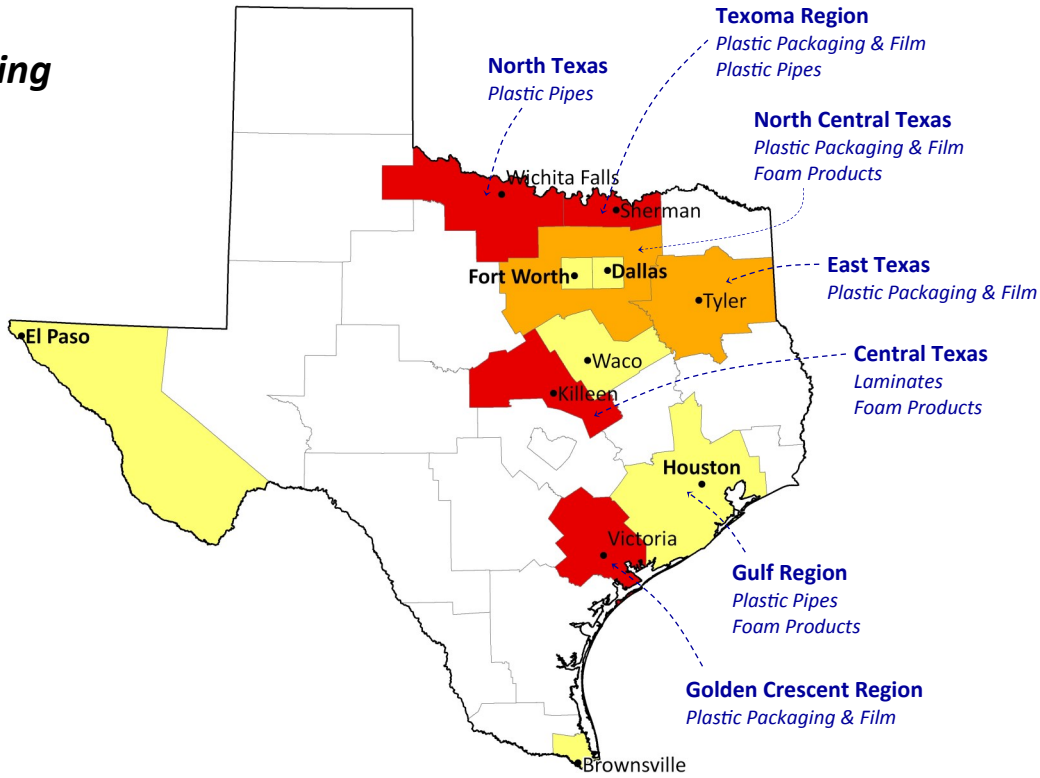


Chemical Manufacturing



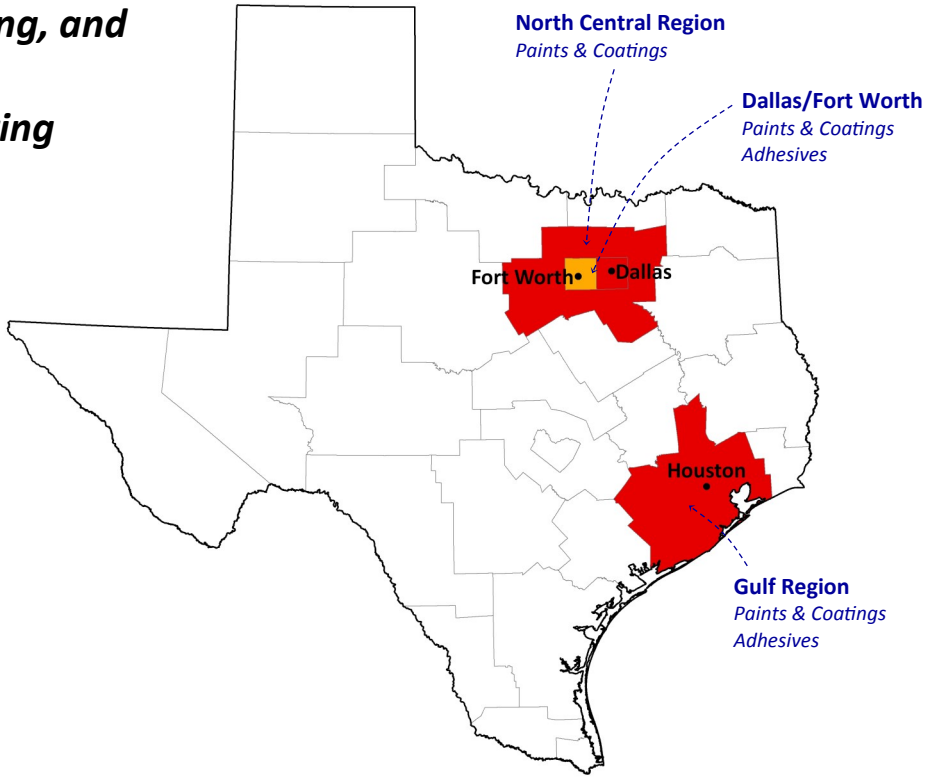
➔***Related workforce:*** *Pharmaceuticals Mfg. (pg. 1)*

Plastics Manufacturing



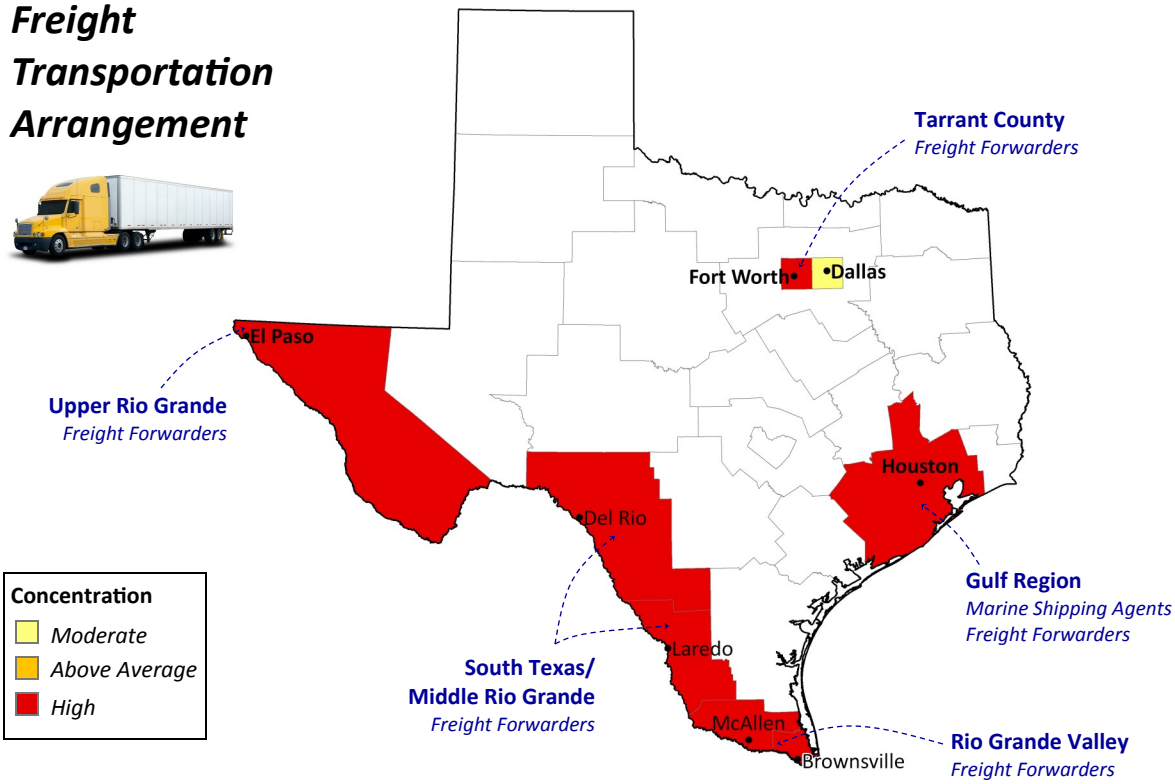
Concentration
- *Moderate*
- *Above Average*
- *High*

Paint, Coating, and Adhesive Manufacturing

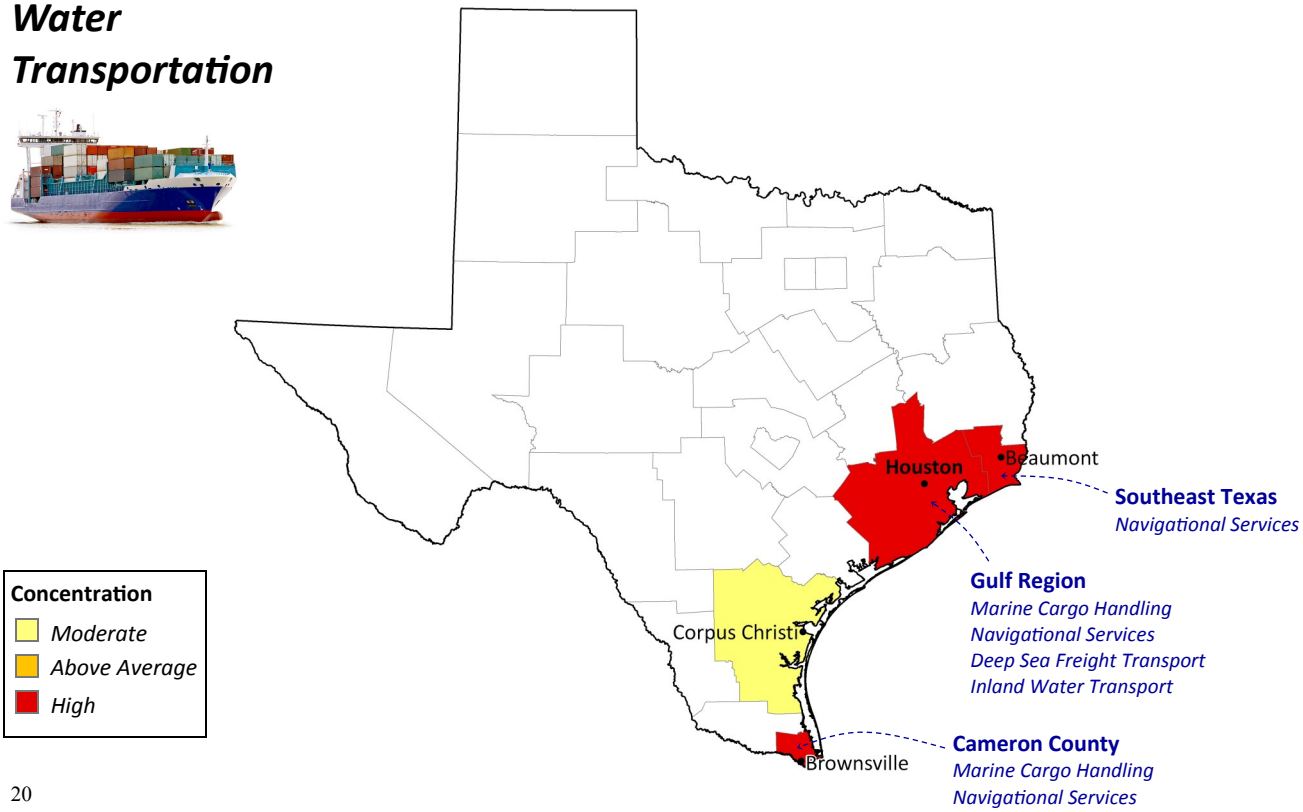


Concentration
- *Moderate*
- *Above Average*
- *High*

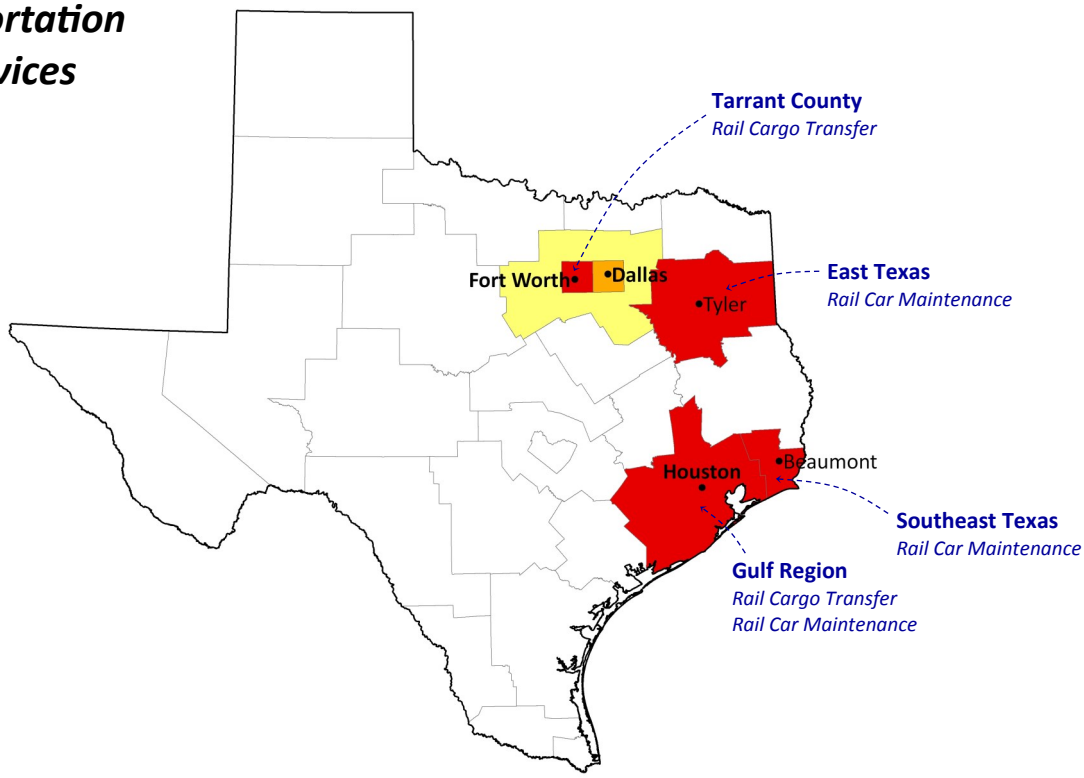
Freight Transportation Arrangement



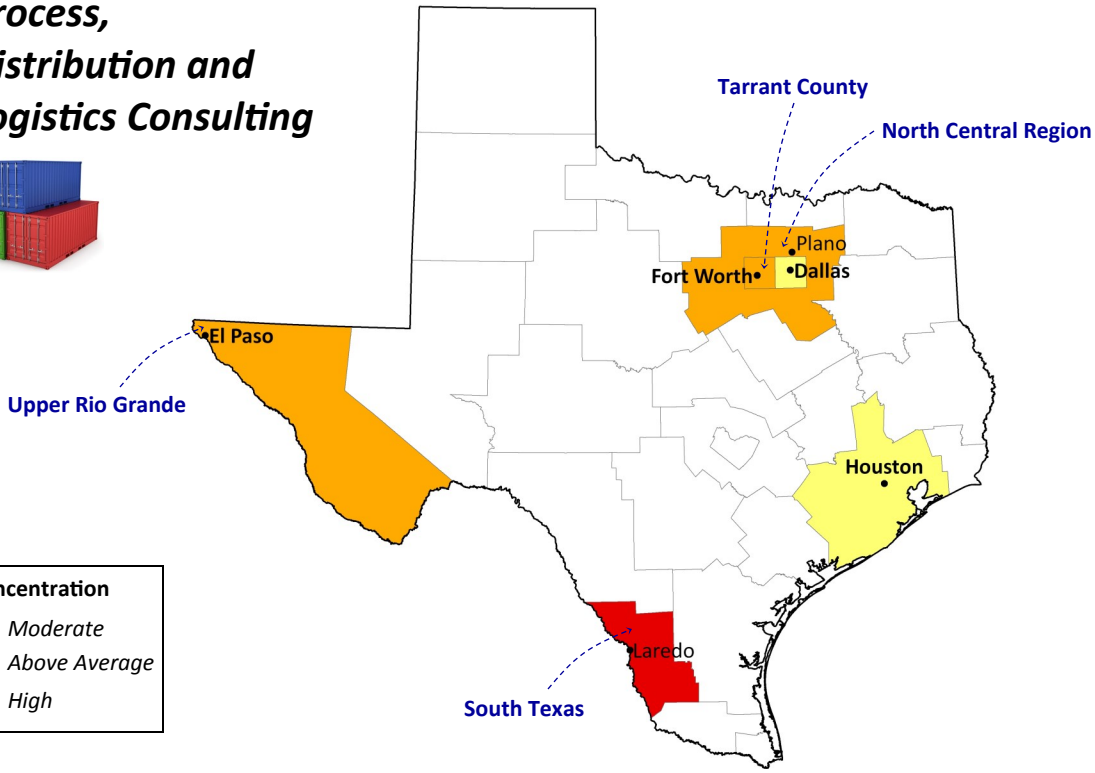
Water Transportation



Rail Transportation Support Services

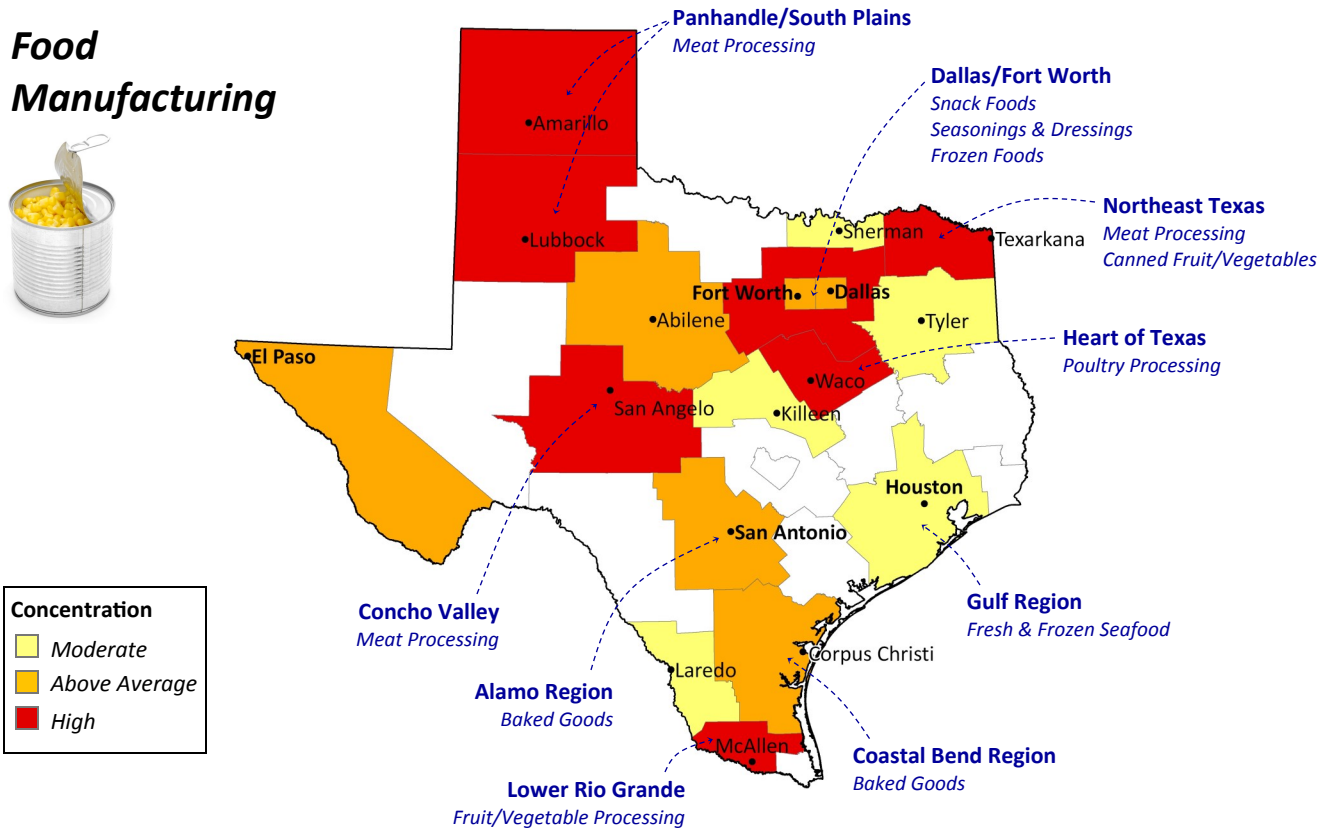


Process, Distribution and Logistics Consulting

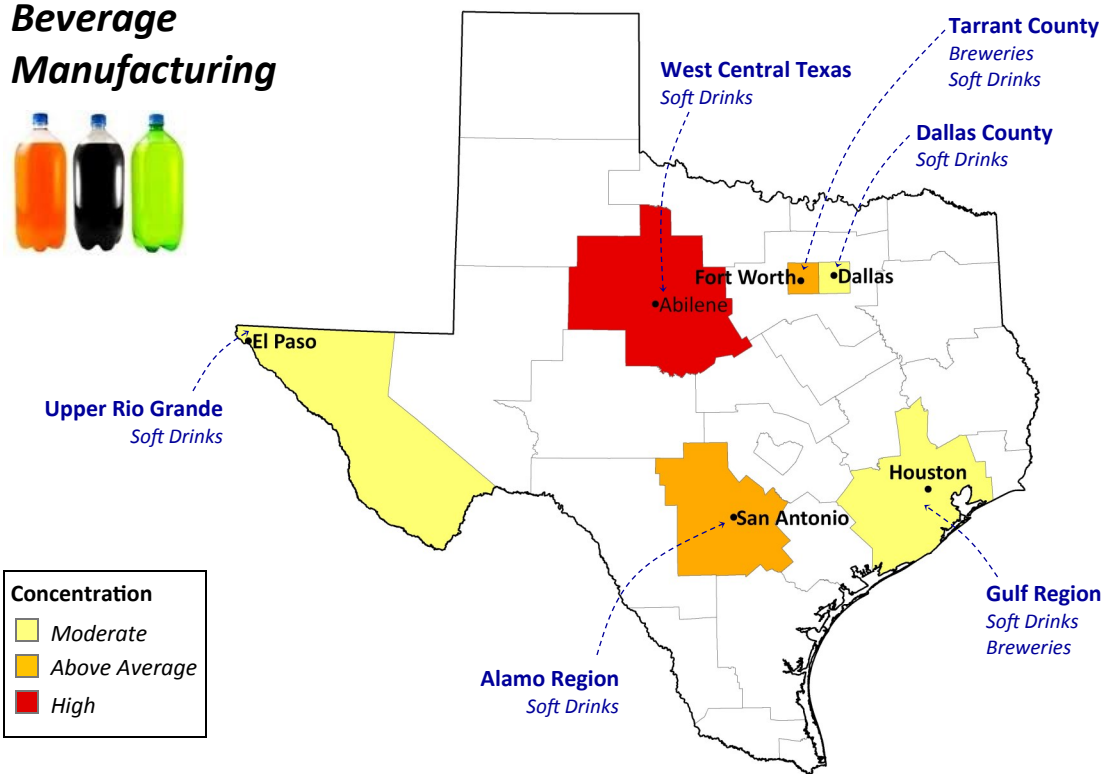


FOOD & BEVERAGE PROCESSING

Food Manufacturing



Beverage Manufacturing



Sources

- Texas Workforce Commission www.tracer2.com
- U.S. Bureau of Labor Statistics www.bls.gov

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