



# TEXAS INDUSTRY CONCENTRATIONS

WHERE THE STATE'S KEY SECTORS CLUSTER

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# INTRODUCTION

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## 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*

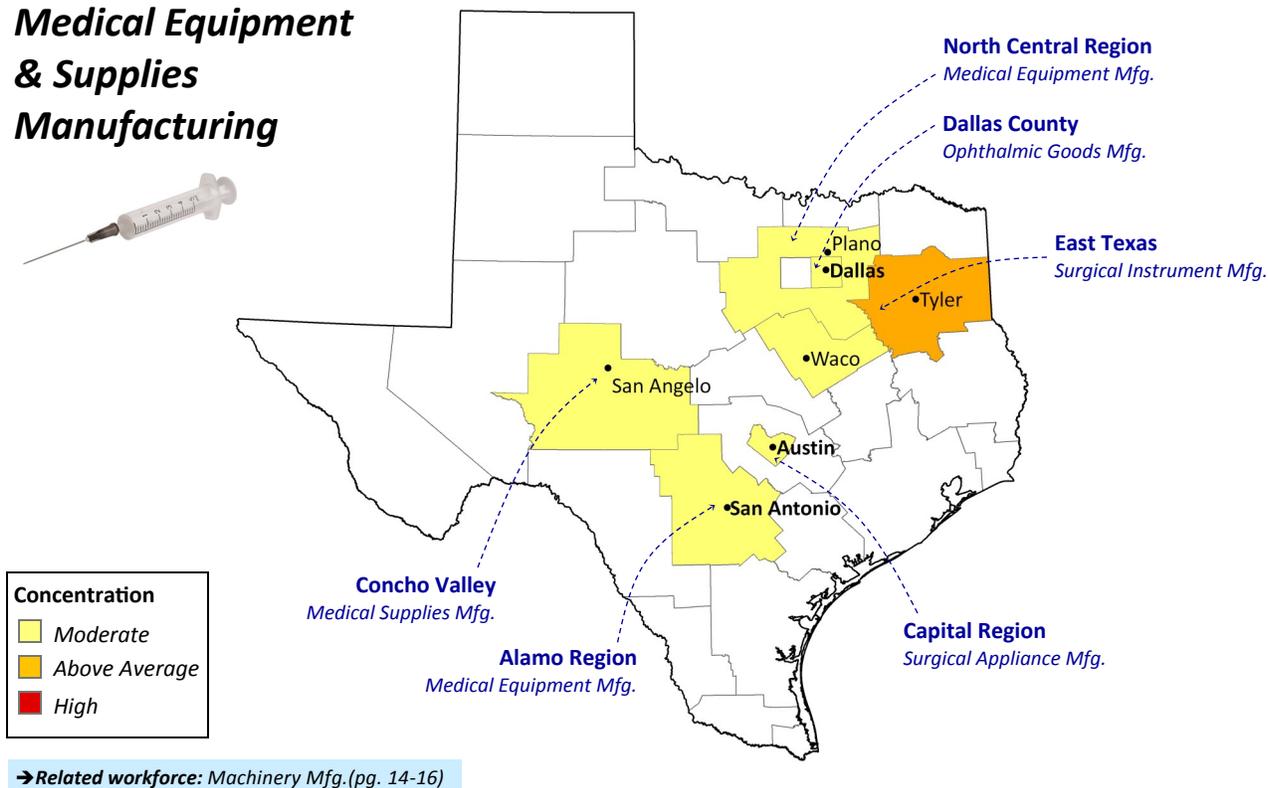


**High**

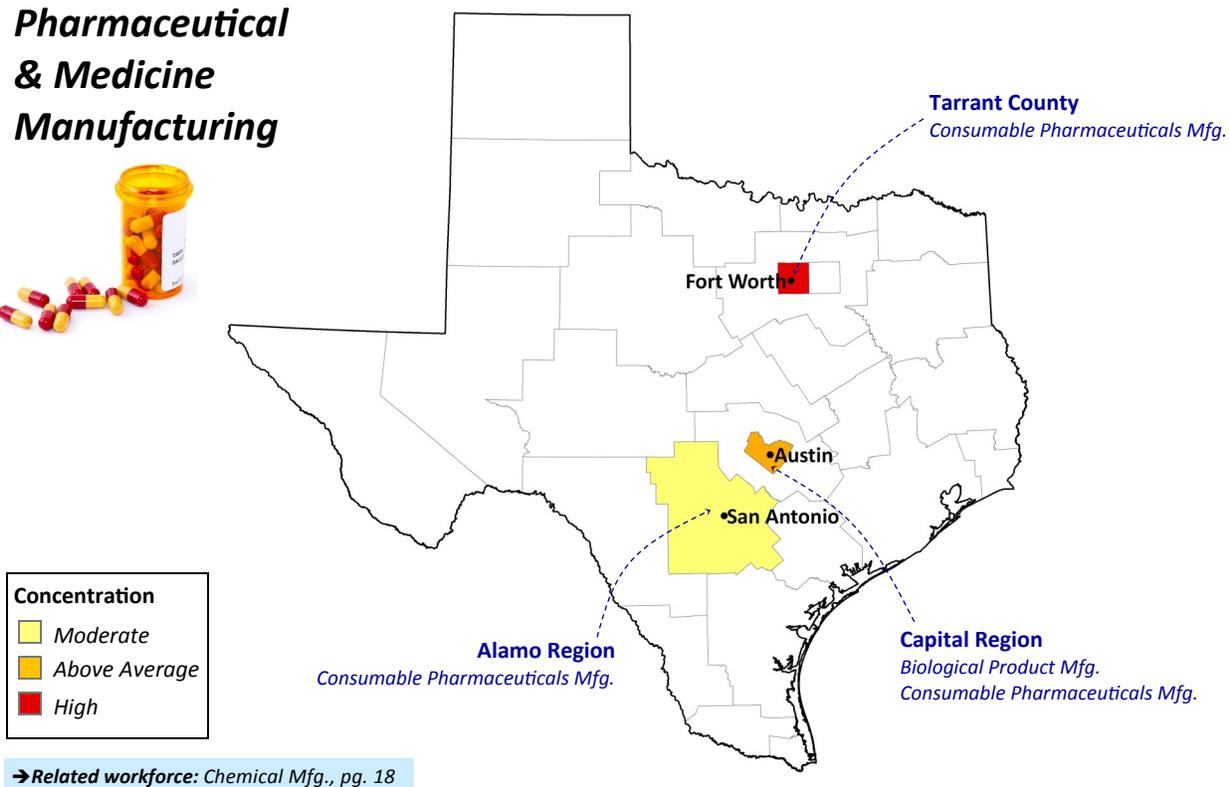
*Regional concentration is double the national average for that industry, or more*

# BIOTECH & LIFE SCIENCES

## Medical Equipment & Supplies Manufacturing



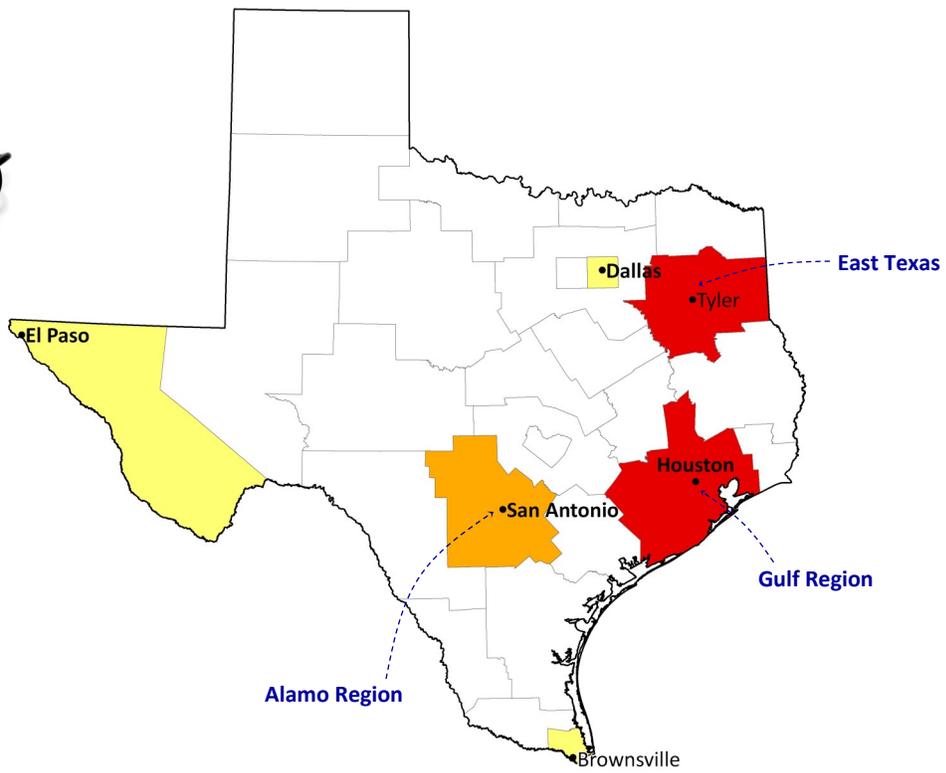
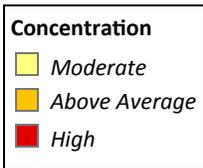
## Pharmaceutical & Medicine Manufacturing



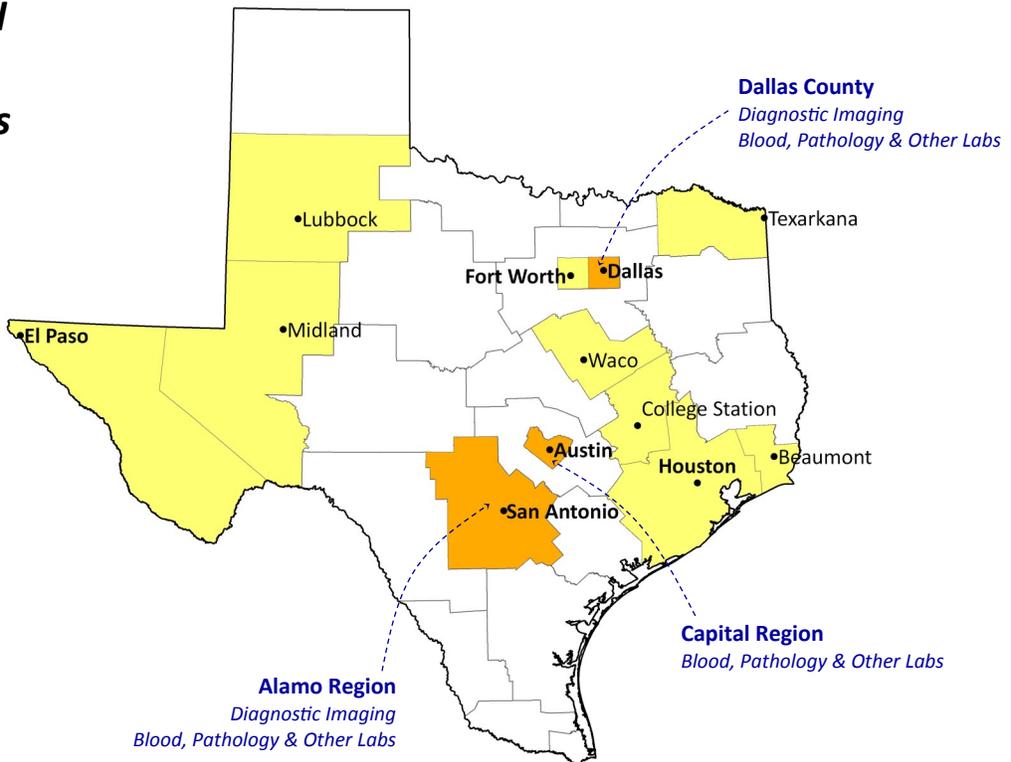
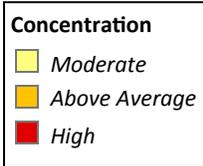
## Specialized Hospitals



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



## Medical and Diagnostic Laboratories

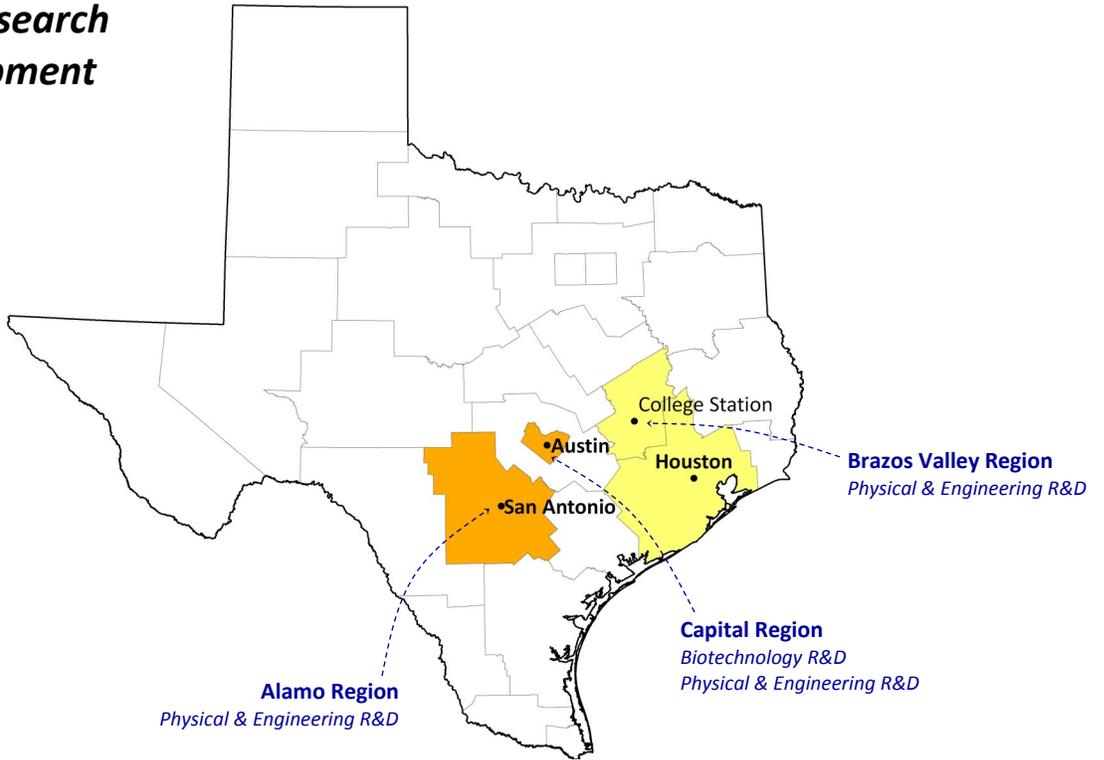


## Scientific Research and Development Services



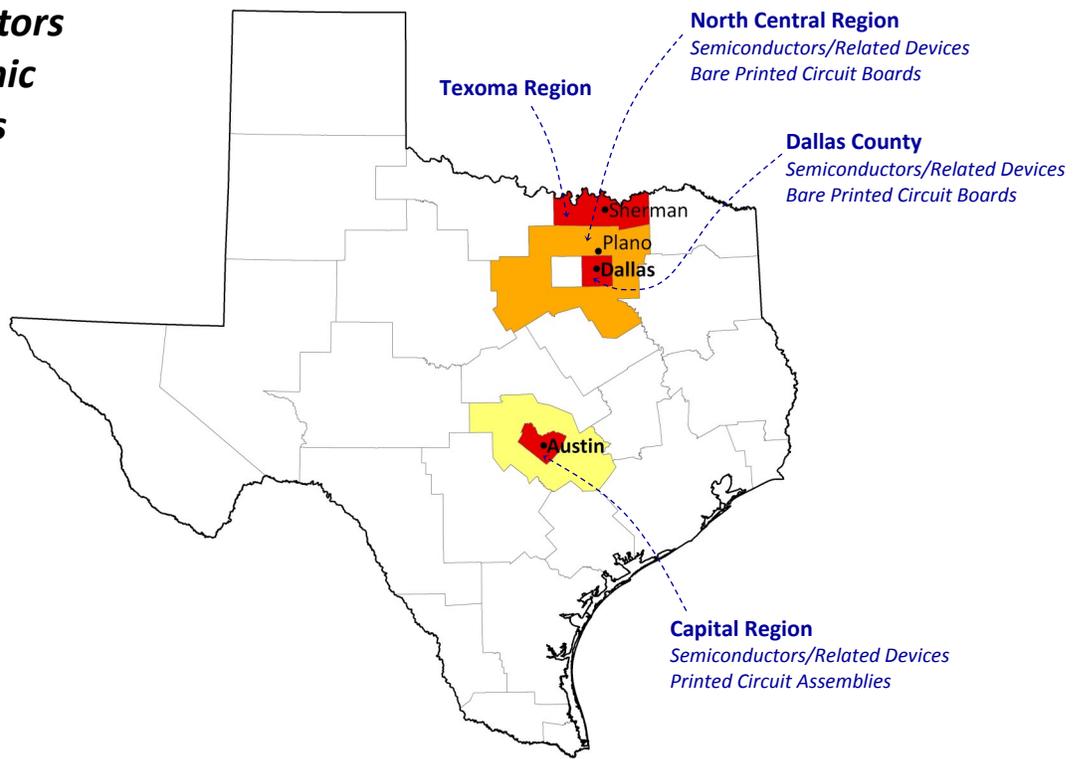
*This sector conducts original investigation in the fields of biotechnology, medicine, physical science, engineering, social science, etc.*

Concentration	
<span style="display:inline-block; width:10px; height:10px; background-color:yellow; border:1px solid black;"></span>	Moderate
<span style="display:inline-block; width:10px; height:10px; background-color:orange; border:1px solid black;"></span>	Above Average
<span style="display:inline-block; width:10px; height:10px; background-color:red; border:1px solid black;"></span>	High

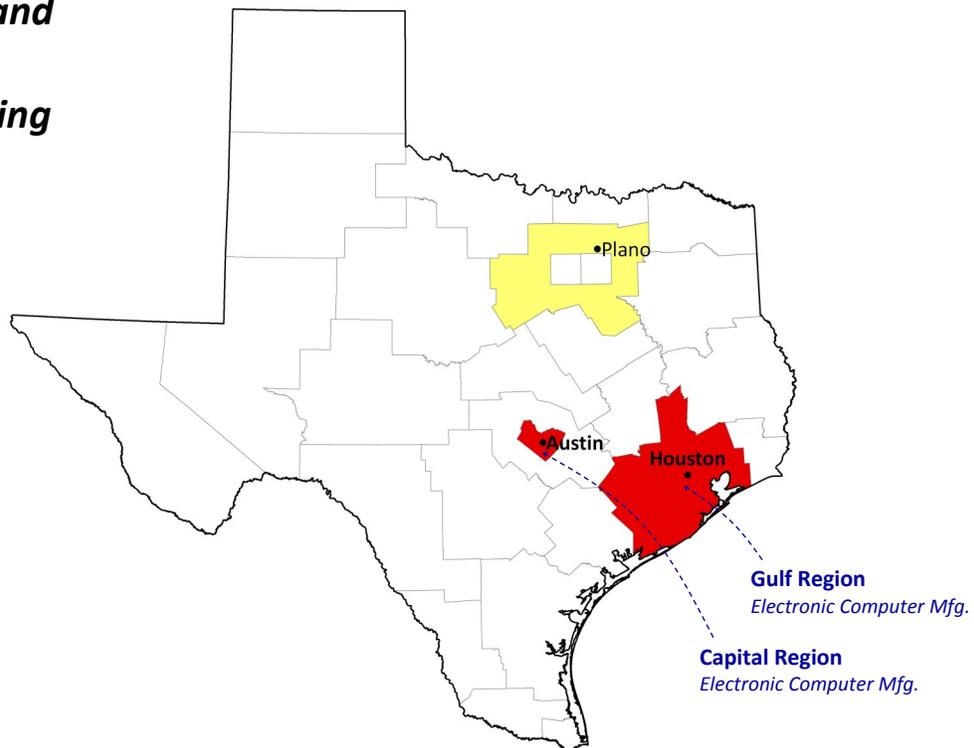


# INFORMATION & ELECTRONICS

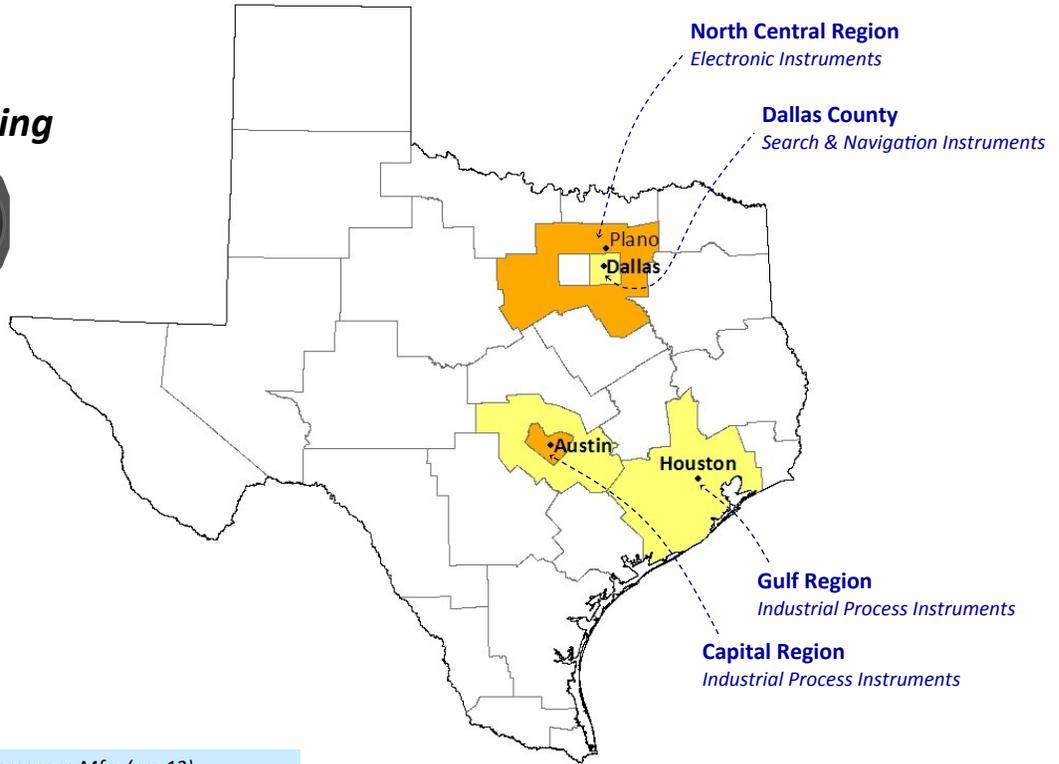
## Semiconductors and Electronic Components



## Computers and Peripherals Manufacturing

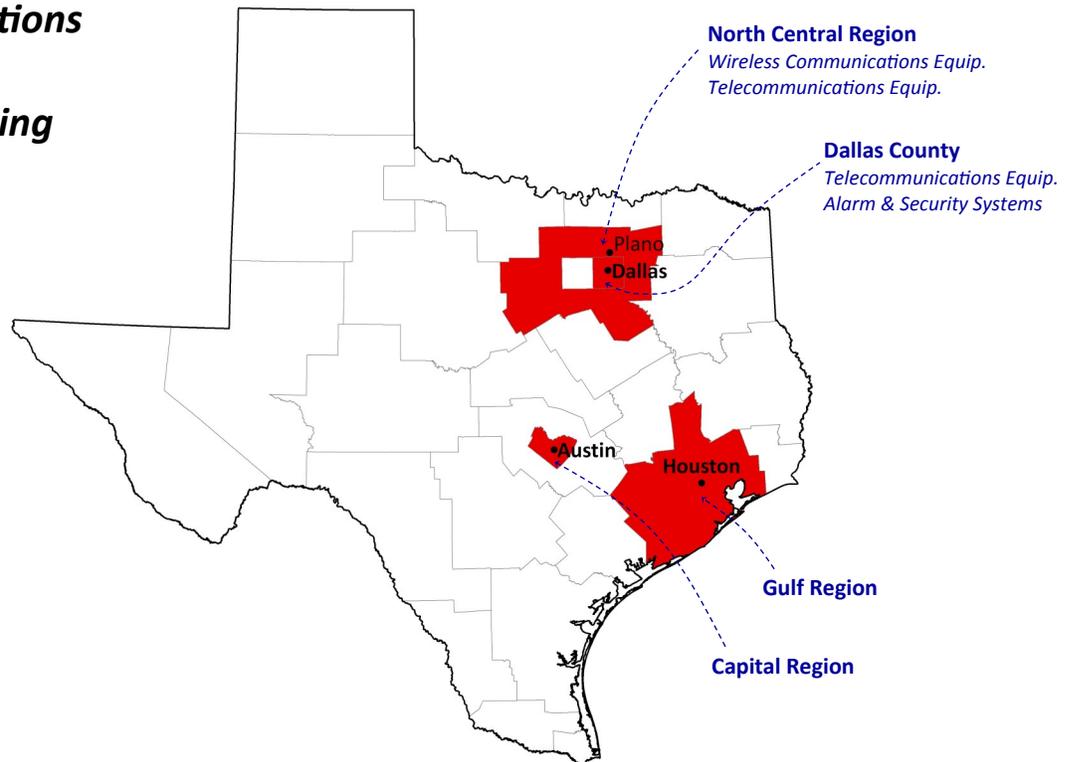


## Electronic Instrument Manufacturing

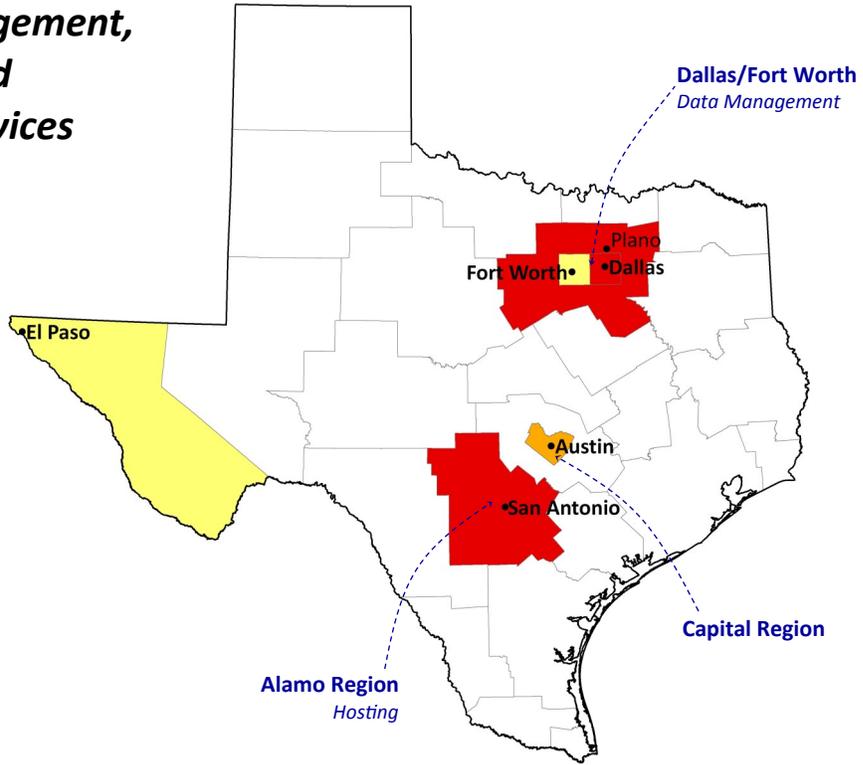


→ Related workforce: Aerospace Mfg. (pg. 12)

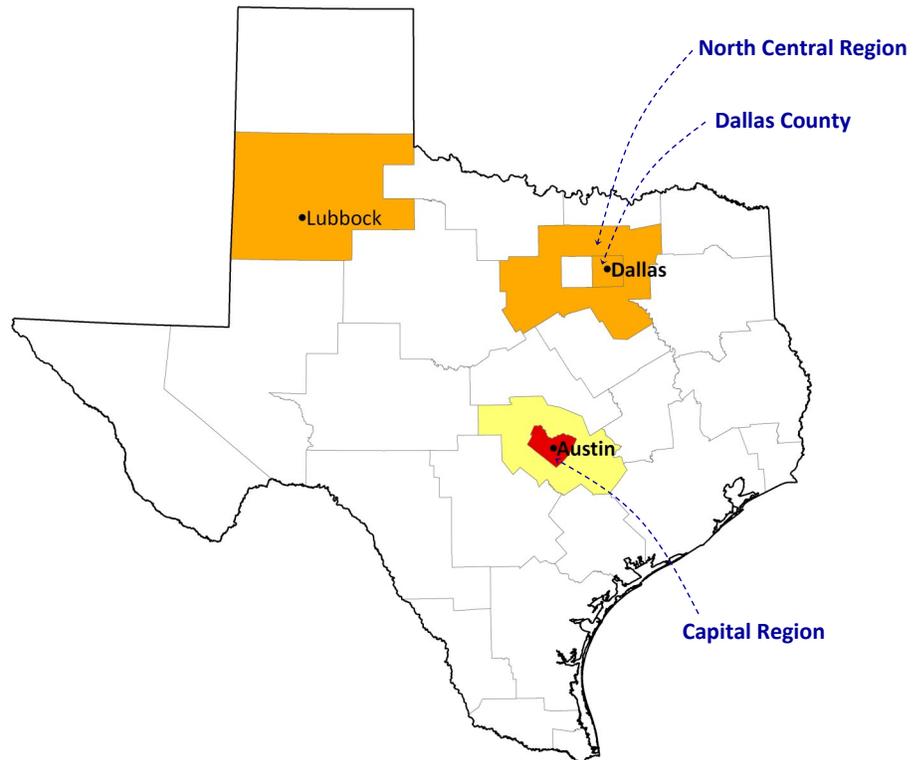
## Communications Equipment Manufacturing



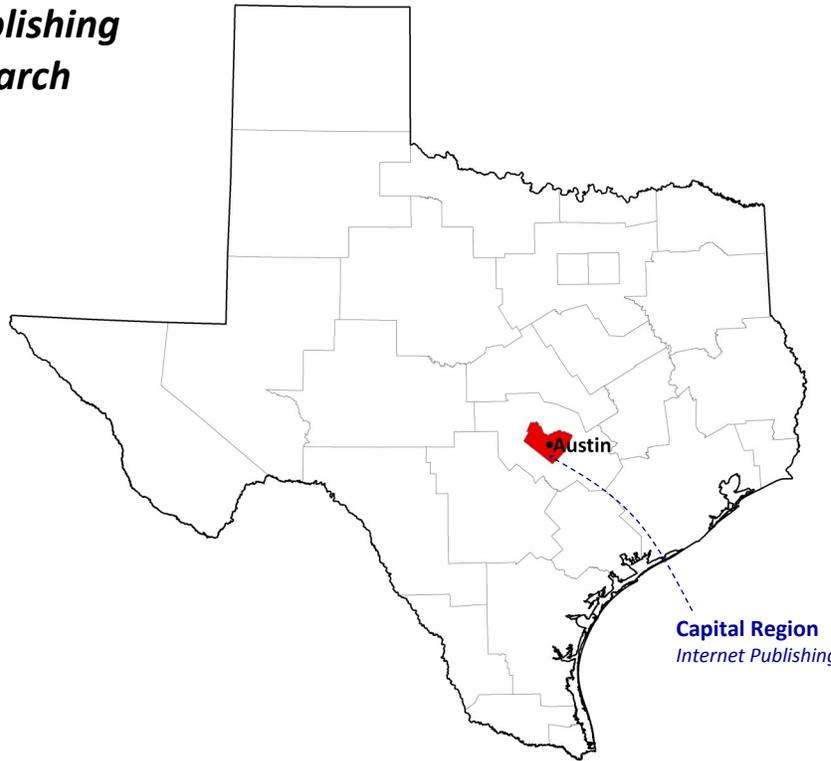
### Data Management, Hosting, and Related Services



### Software Publishing



### Internet Publishing and Web Search Portals



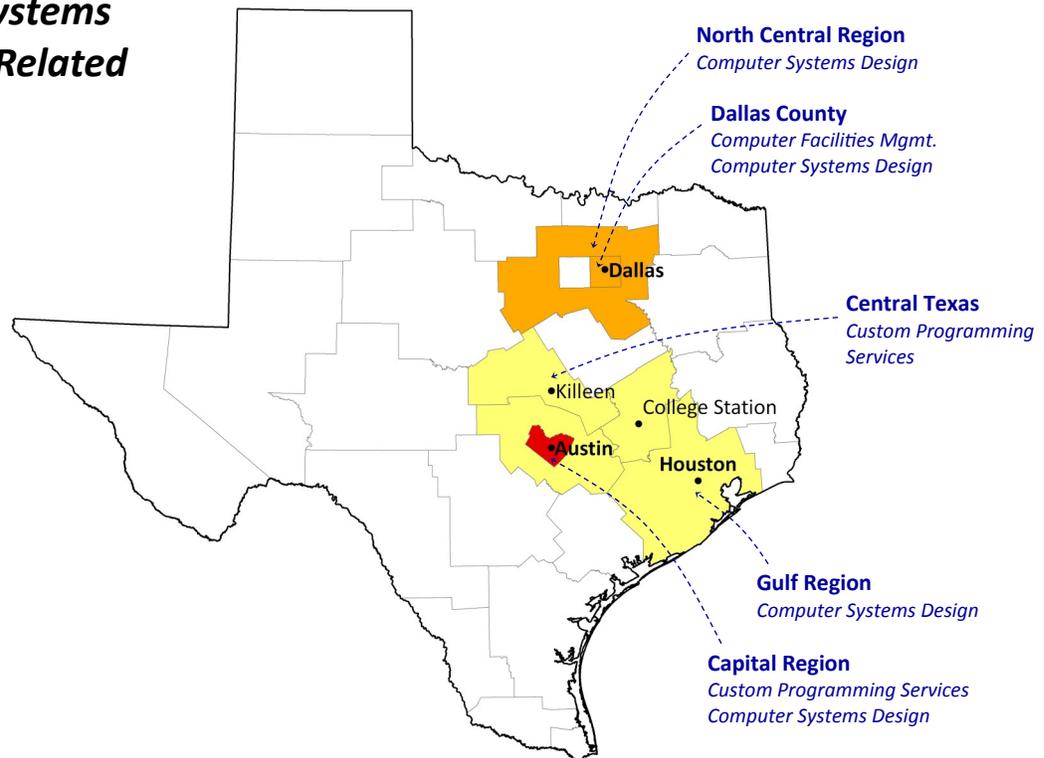
**Concentration**

- 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

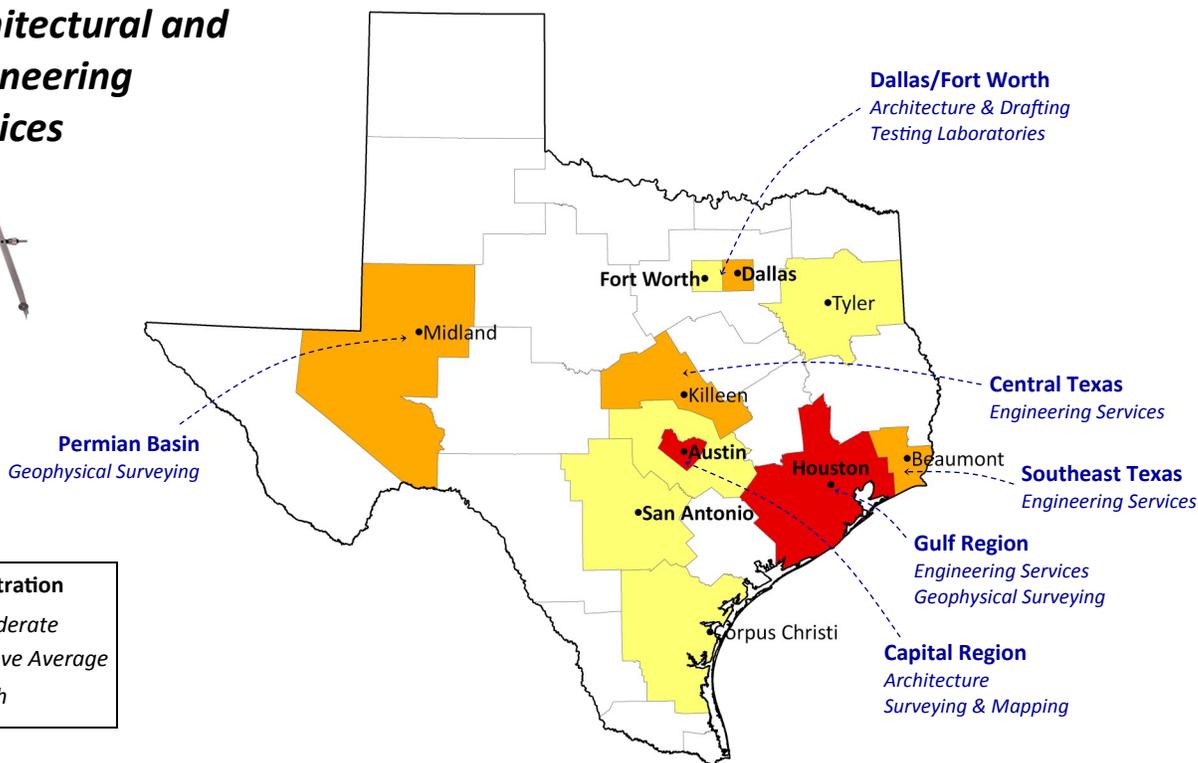
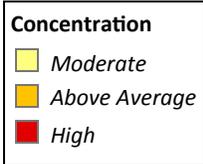


**Concentration**

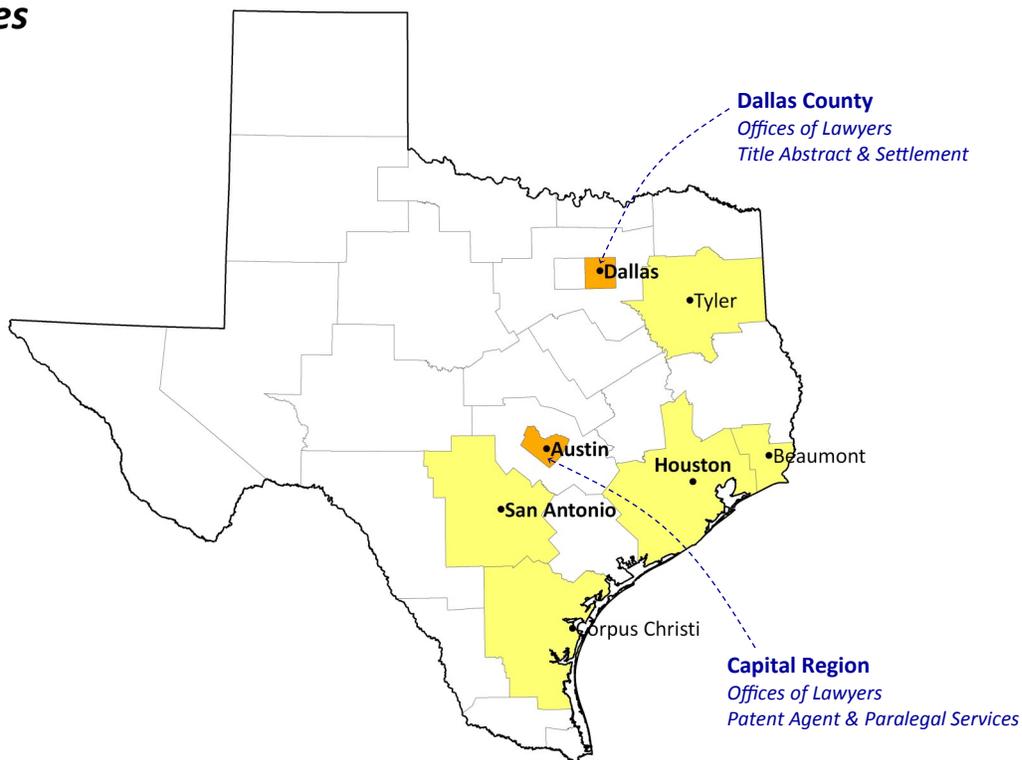
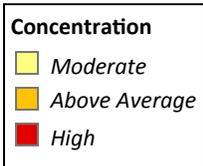
- Moderate
- Above Average
- High

# PROFESSIONAL SERVICES

## Architectural and Engineering Services

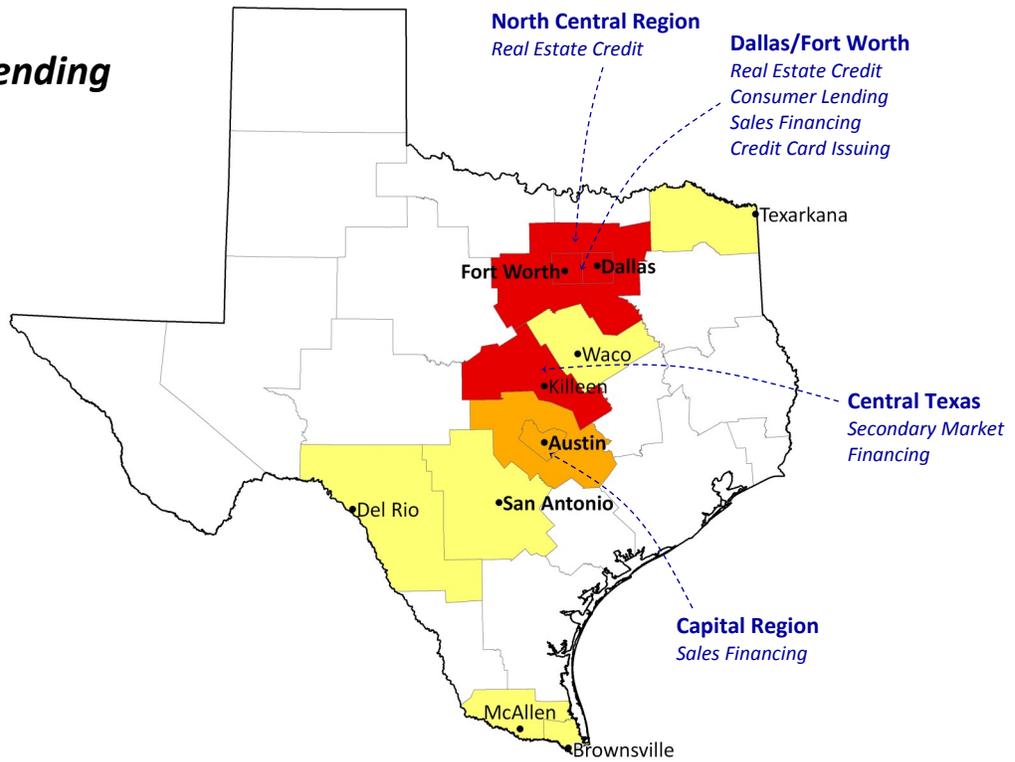


## Legal Services

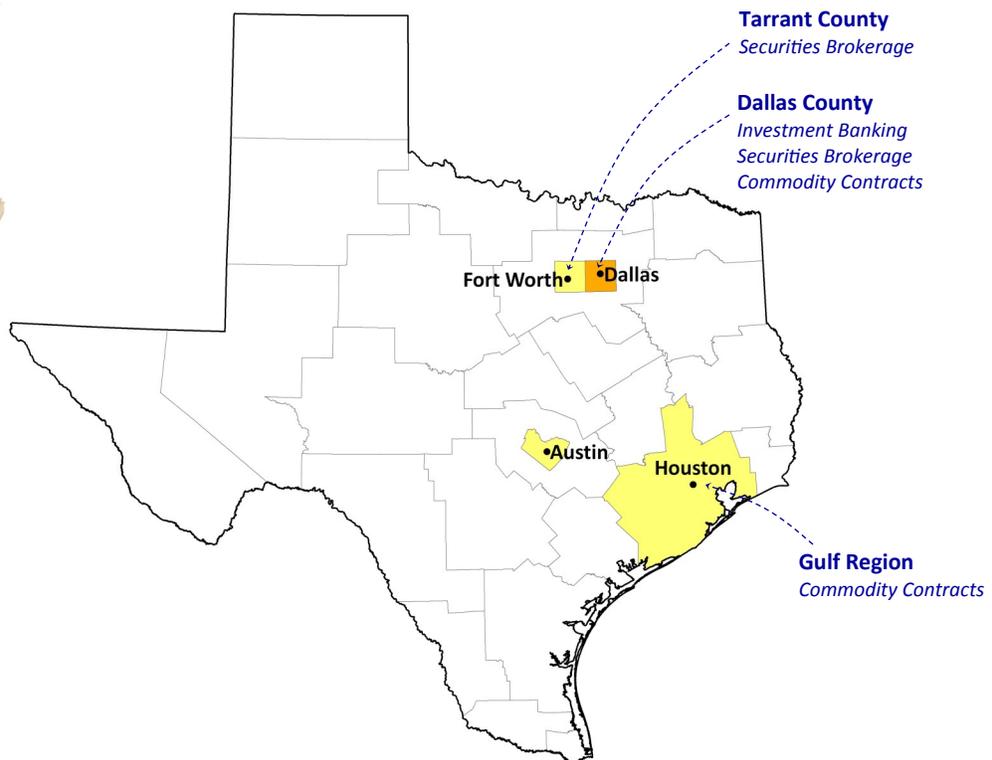


# FINANCIAL SERVICES

## Credit and Consumer Lending



## Security and Commodity Dealing



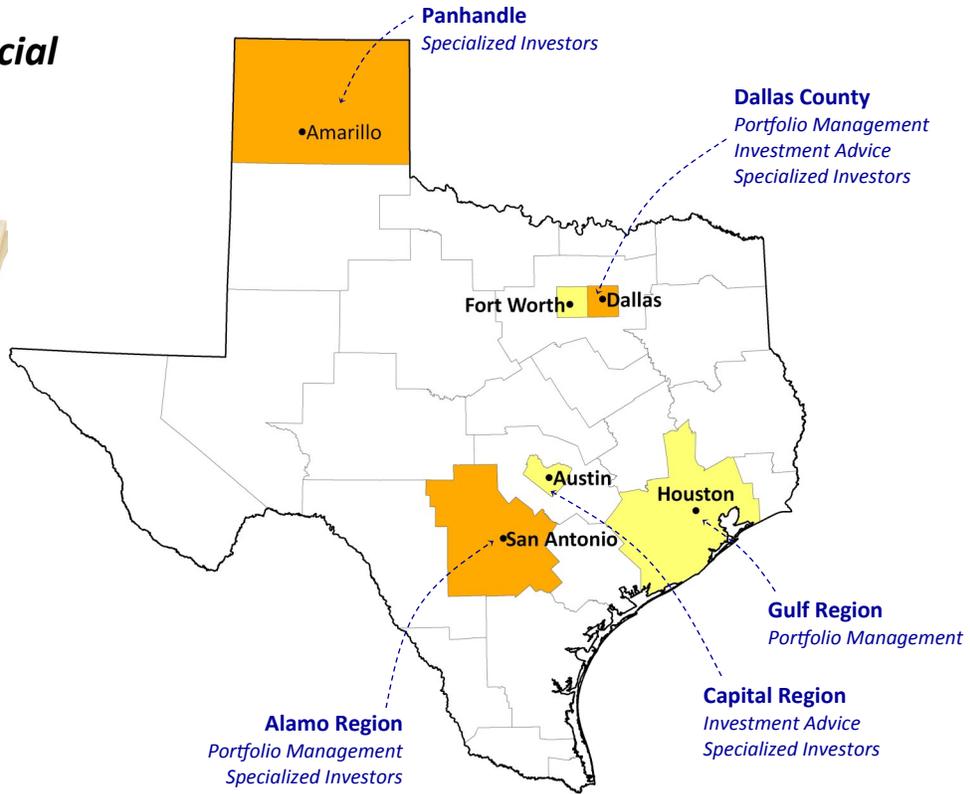
## Other Financial Investment Services



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

**Concentration**

- Moderate
- Above Average
- High



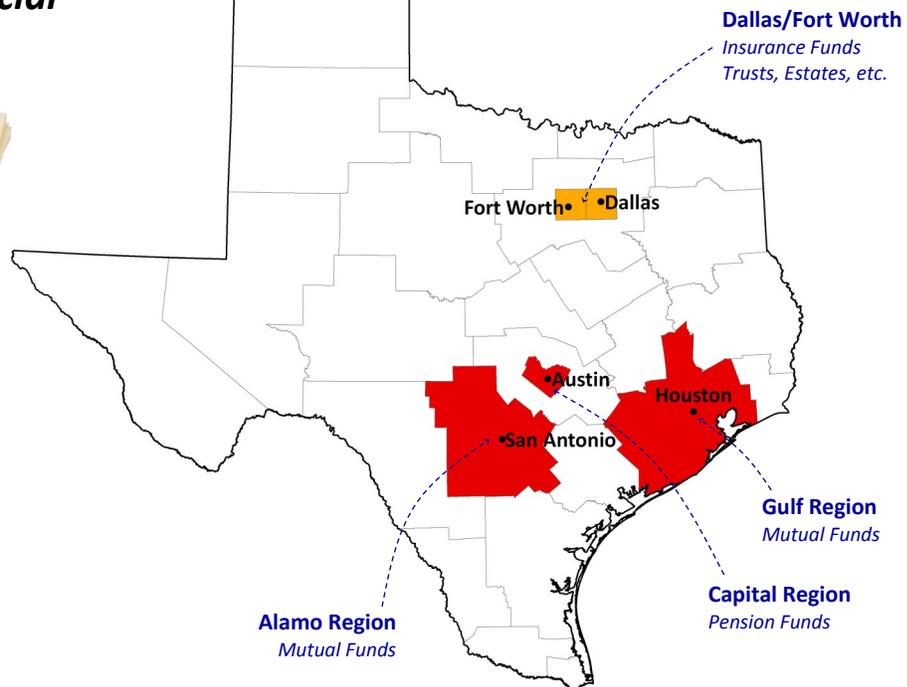
## Funds, Trusts, and Other Financial Vehicles



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

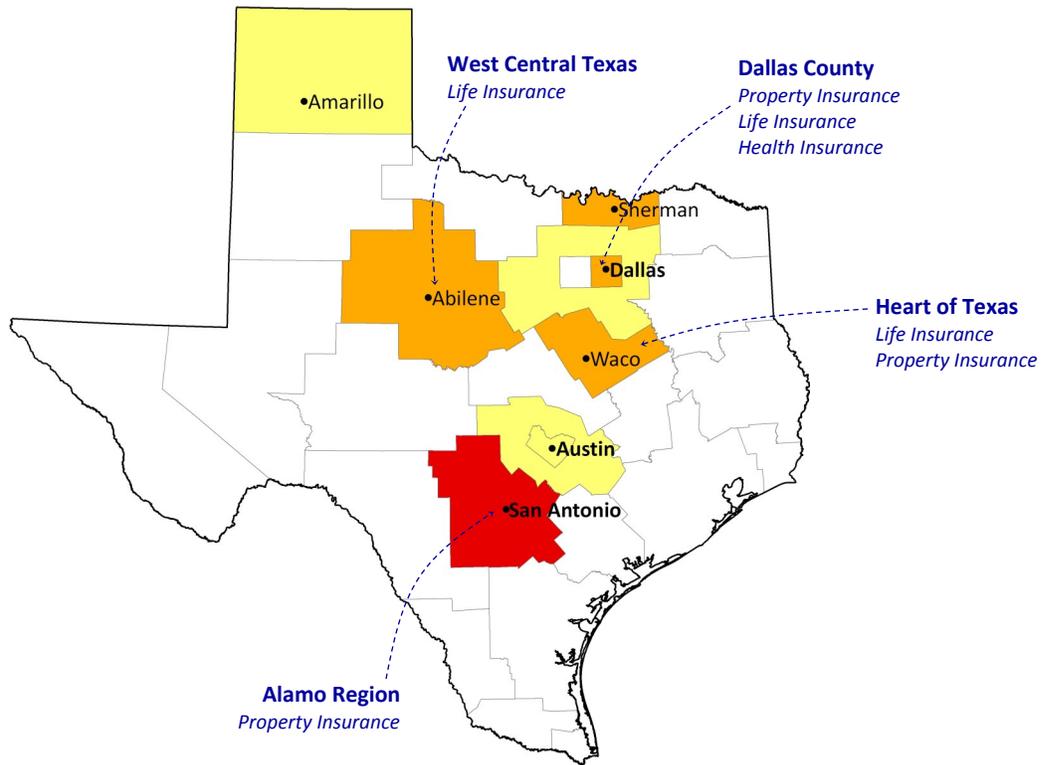
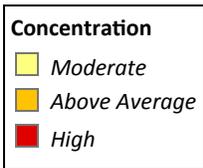
**Concentration**

- Moderate
- Above Average
- High

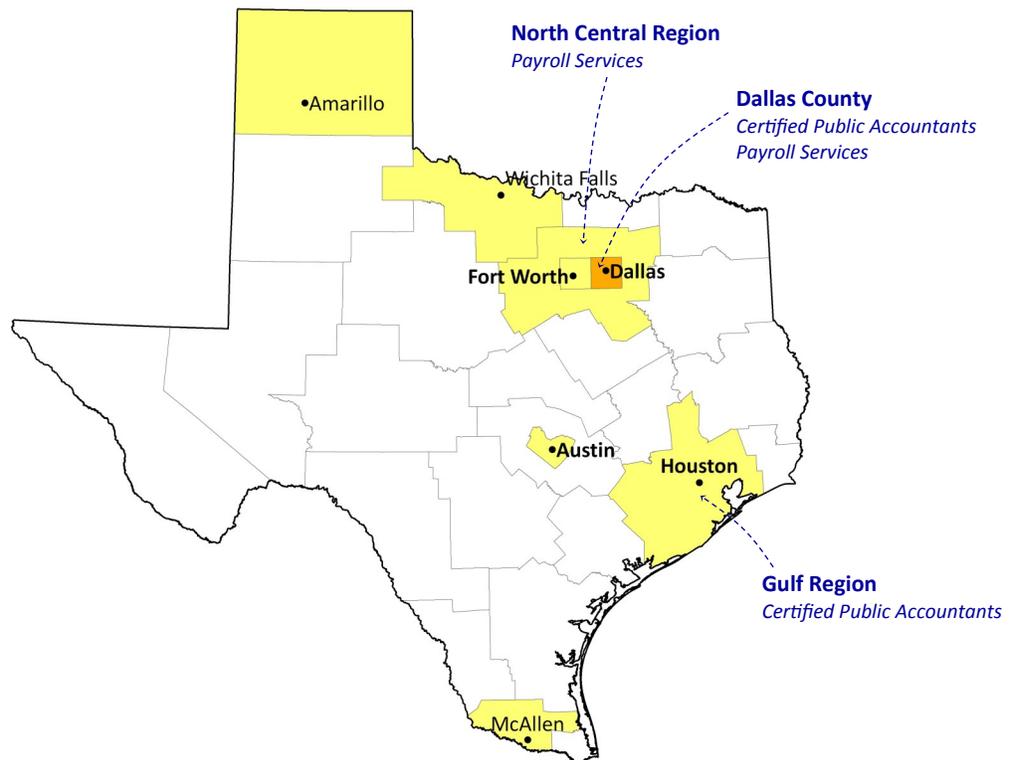
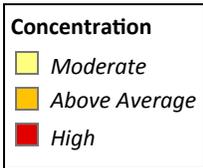


**FINANCIAL SERVICES**

**Insurance Carriers**

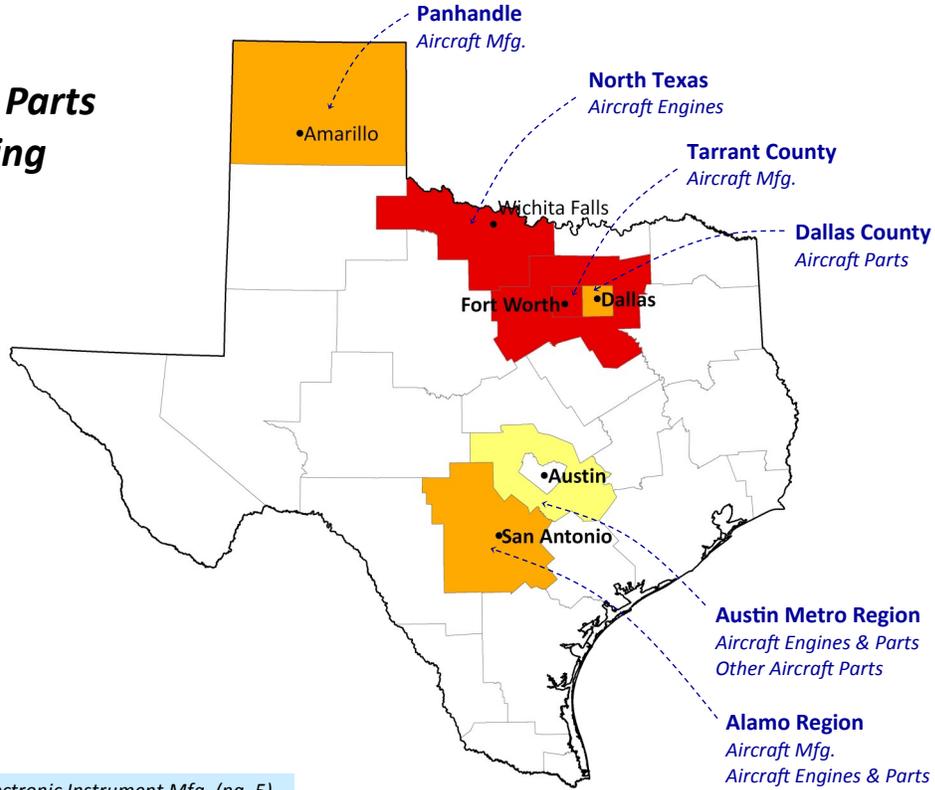


**Accounting Services**

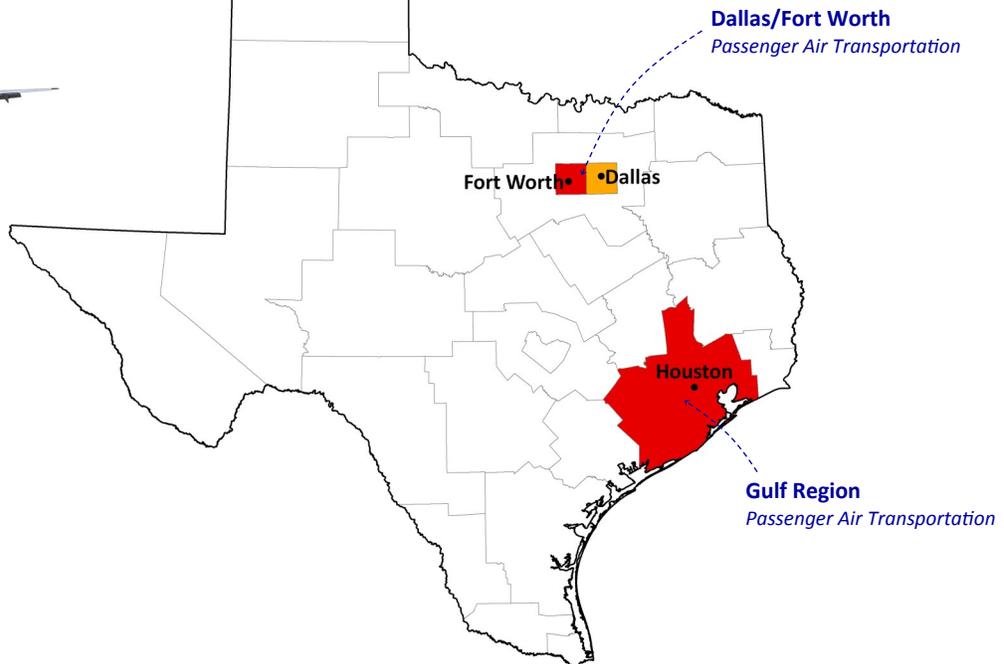


# AEROSPACE & AVIATION

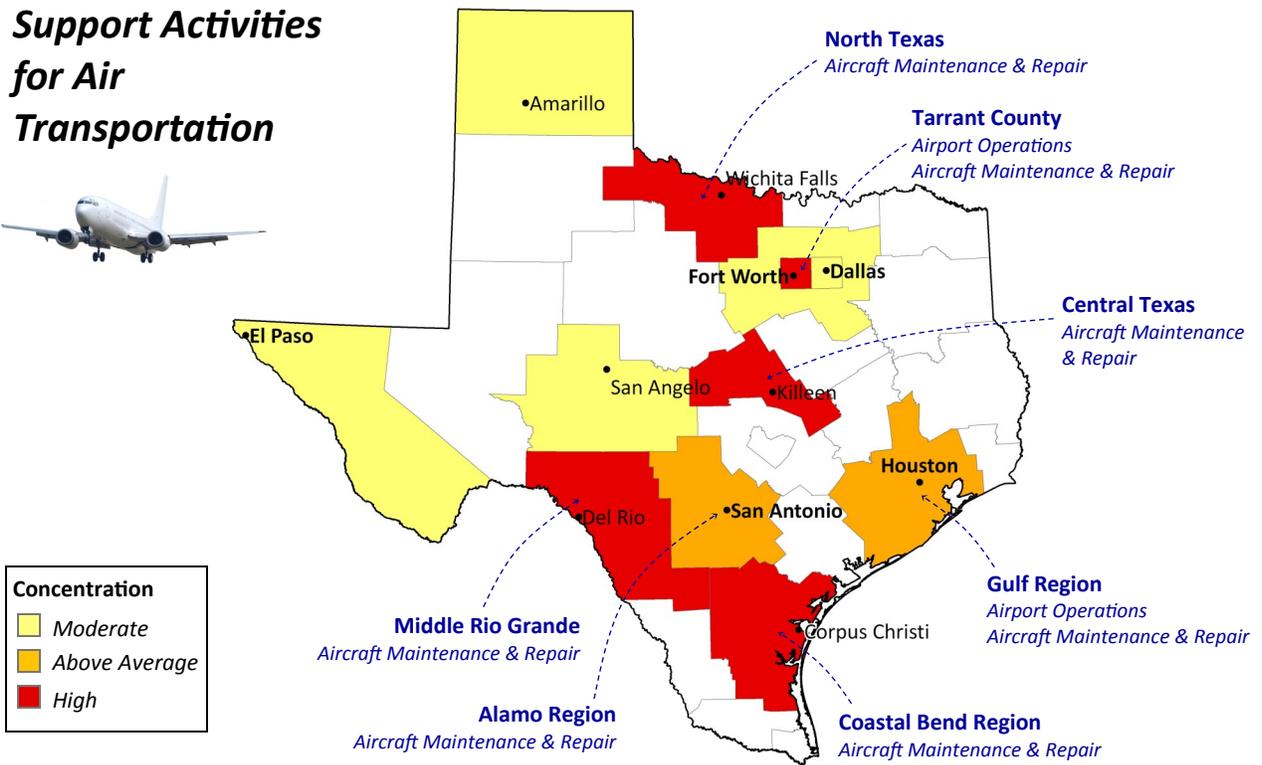
## Aerospace Product and Parts Manufacturing



## Scheduled Air Transportation

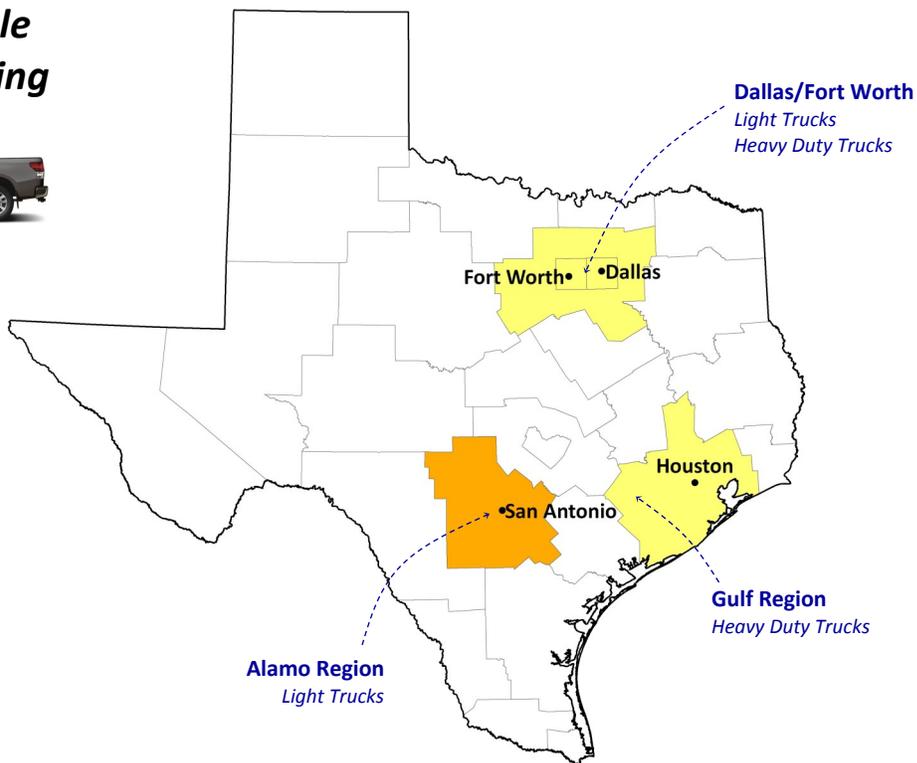
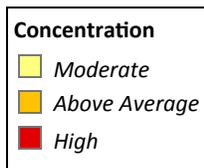


# Support Activities for Air Transportation

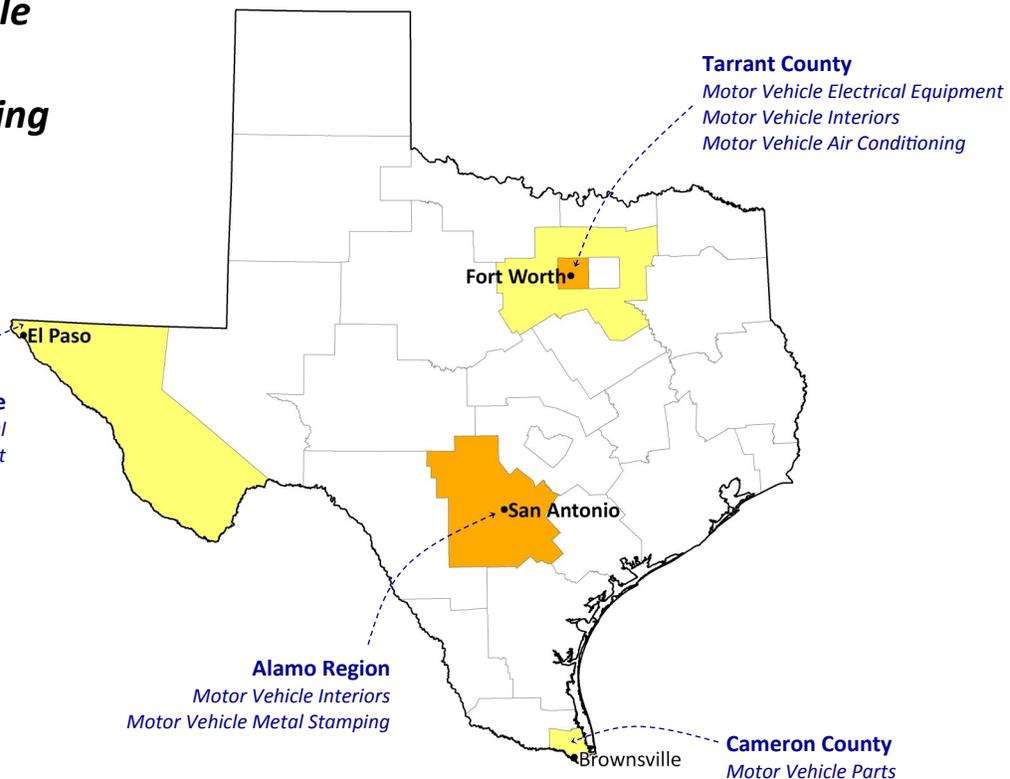
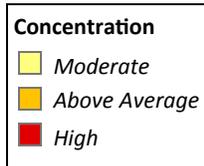


# INDUSTRIAL MANUFACTURING

## Motor Vehicle Manufacturing

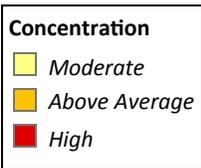
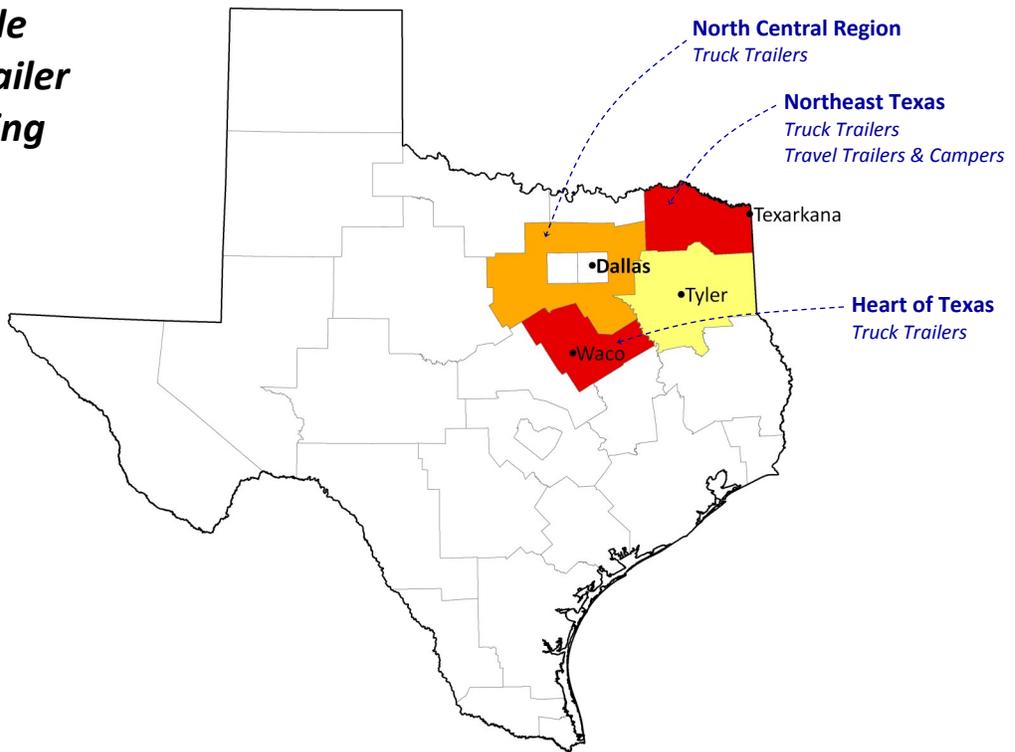


## Motor Vehicle Parts Manufacturing

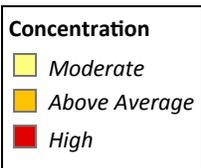
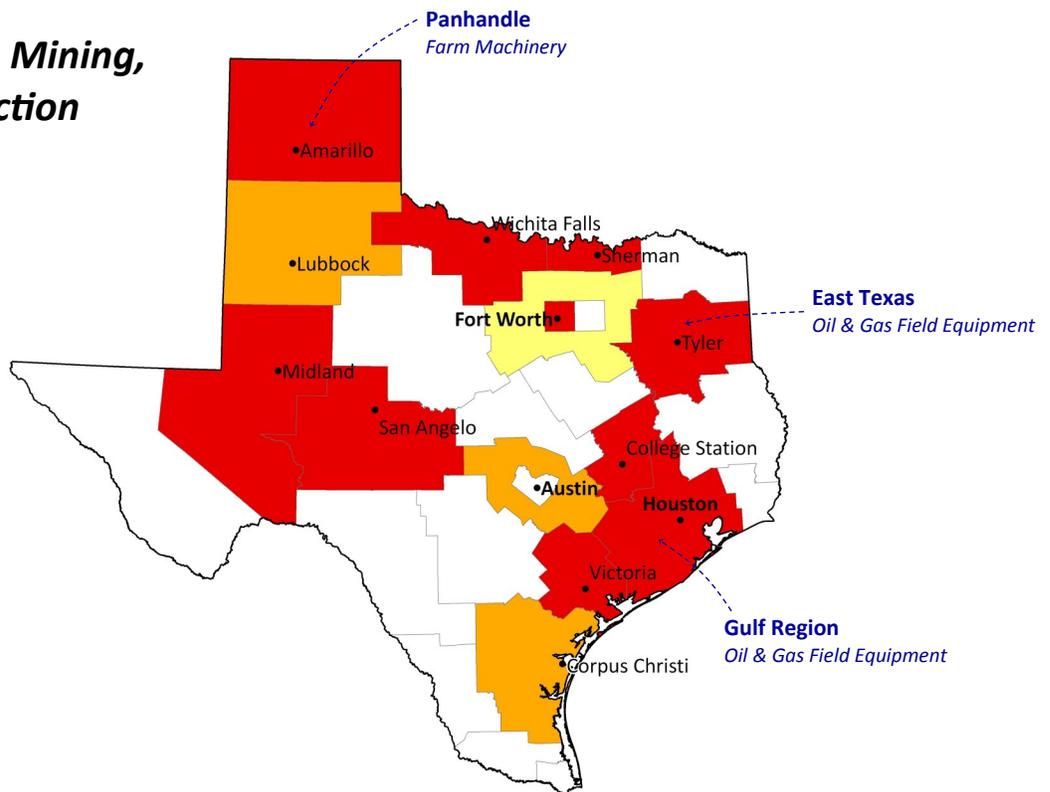


**INDUSTRIAL MANUFACTURING**

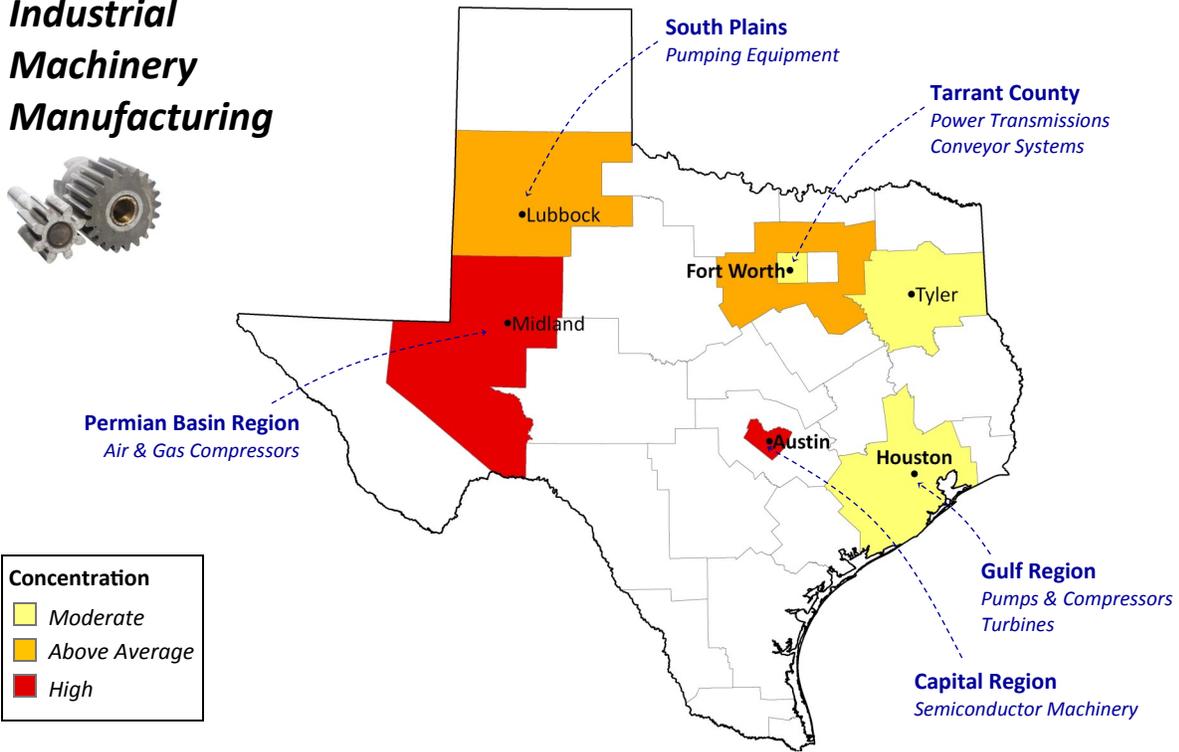
**Motor Vehicle  
Body and Trailer  
Manufacturing**



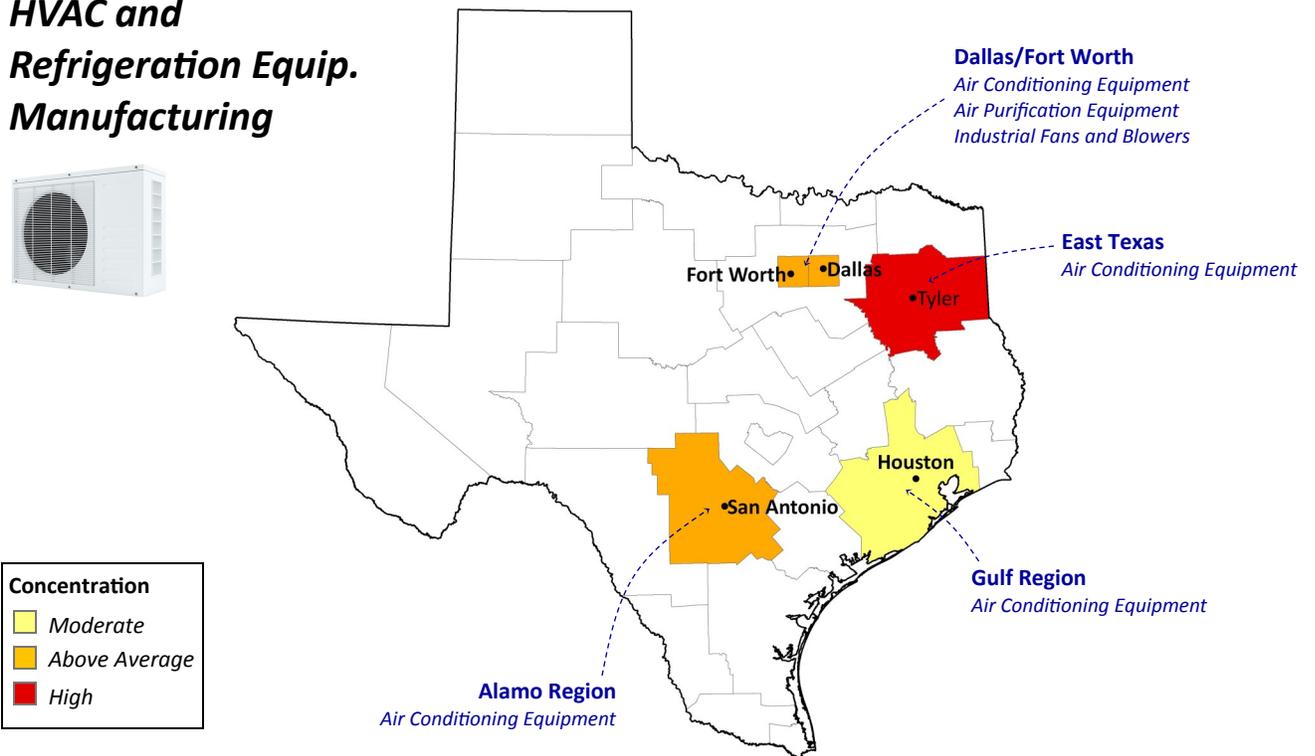
**Agricultural, Mining,  
and Construction  
Machinery**



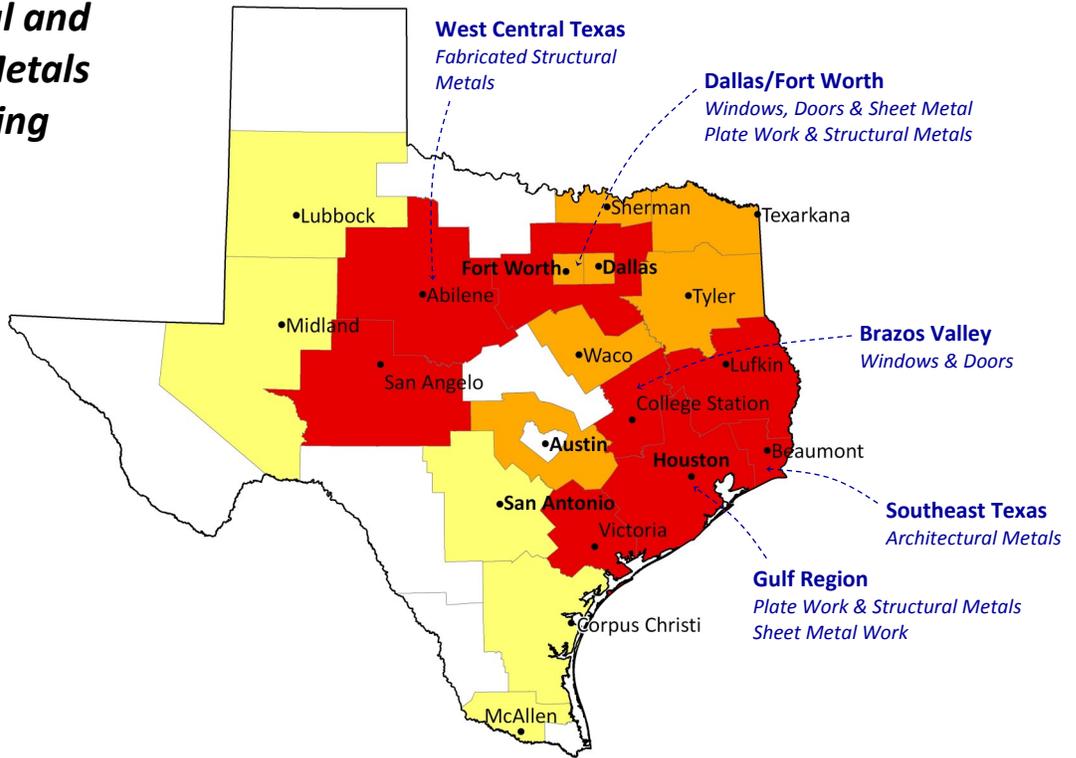
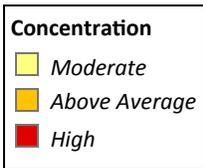
**Industrial Machinery Manufacturing**



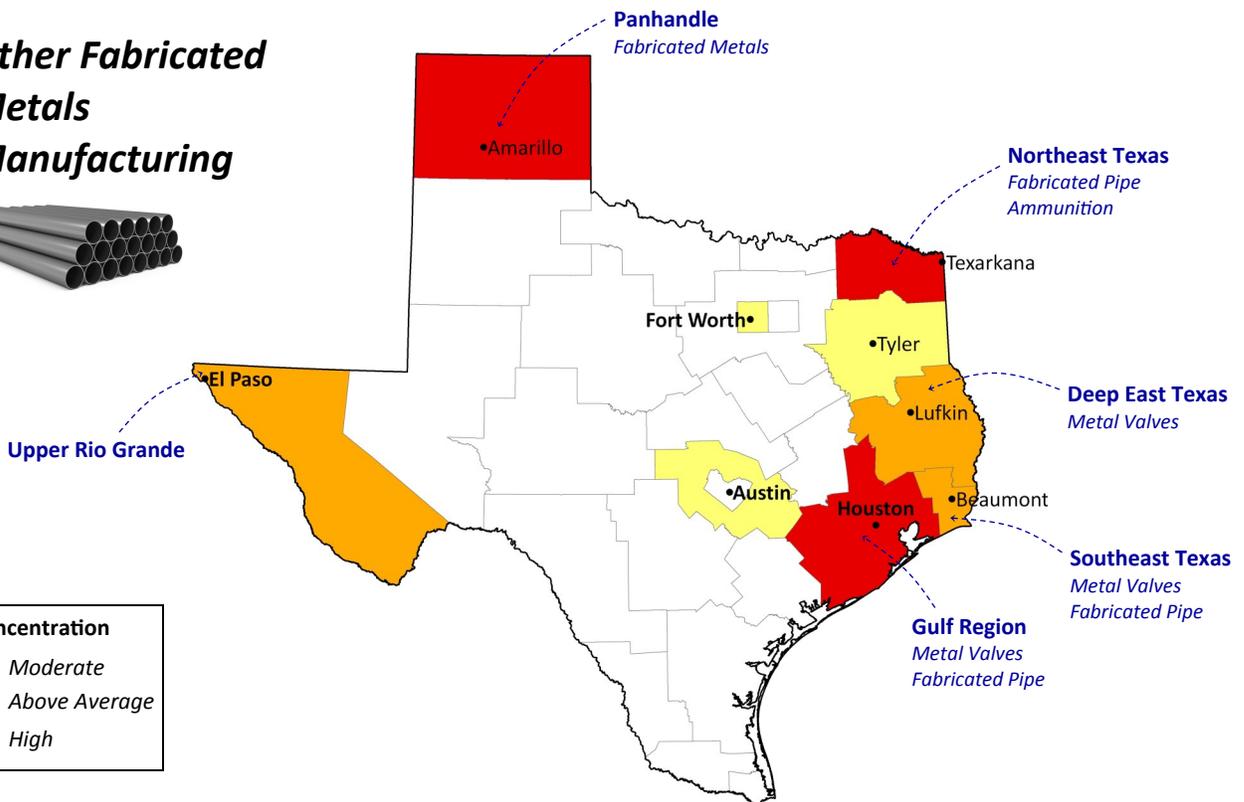
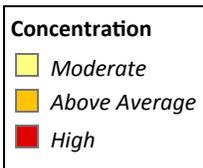
**HVAC and Refrigeration Equip. Manufacturing**



**Architectural and Structural Metals Manufacturing**

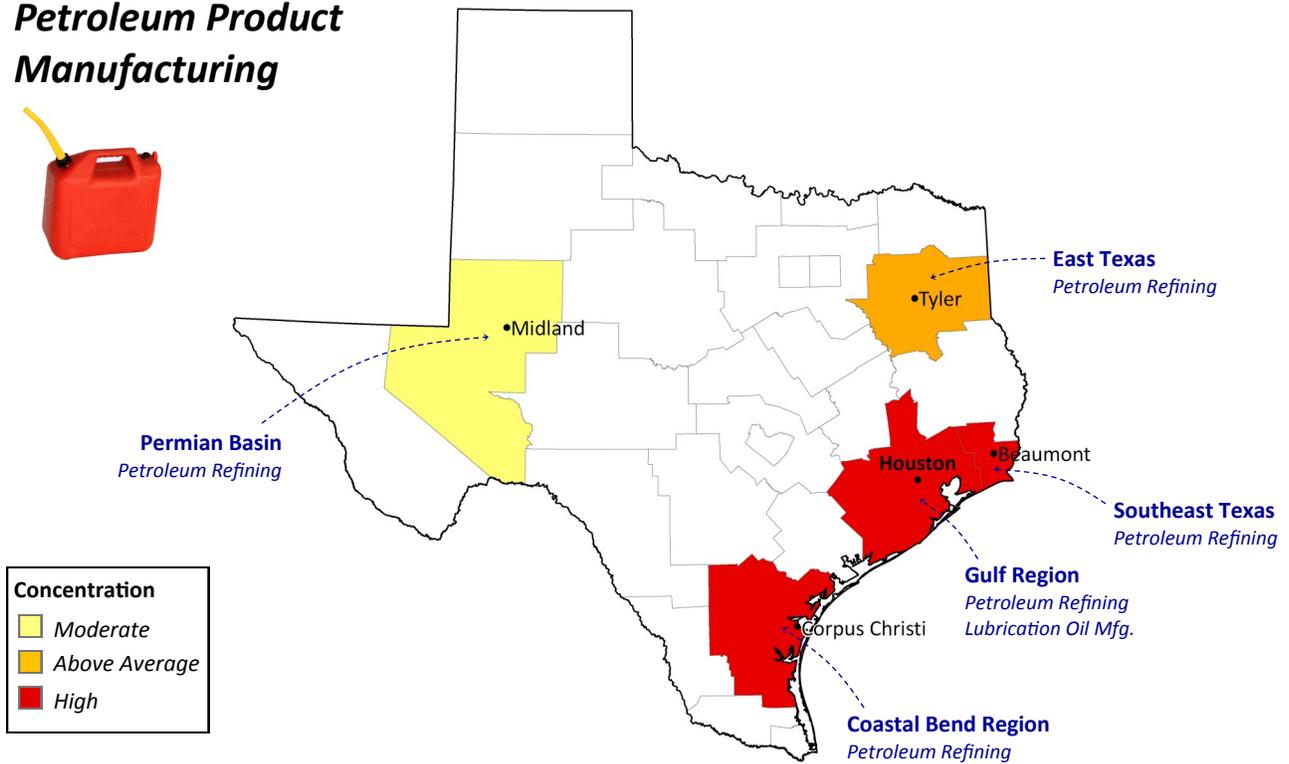


**Other Fabricated Metals Manufacturing**

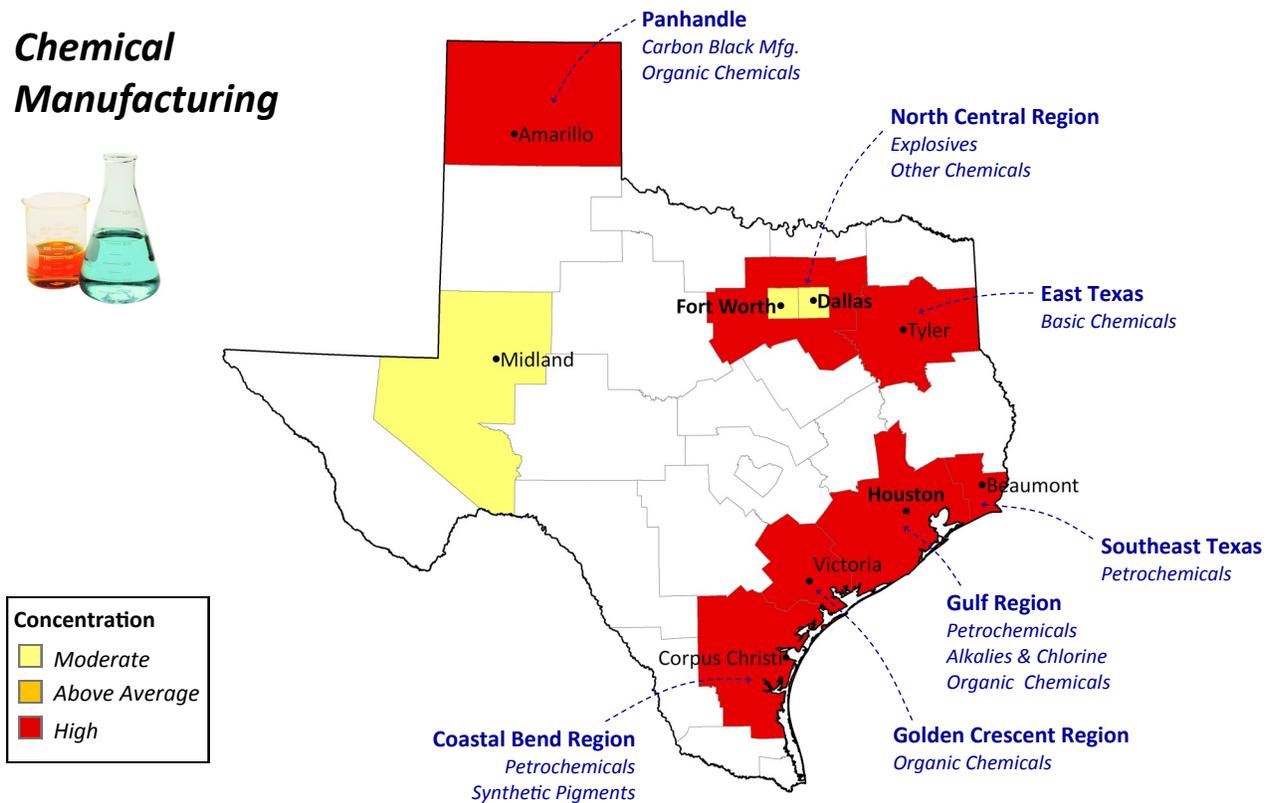


# PETROLEUM & CHEMICAL PRODUCTS

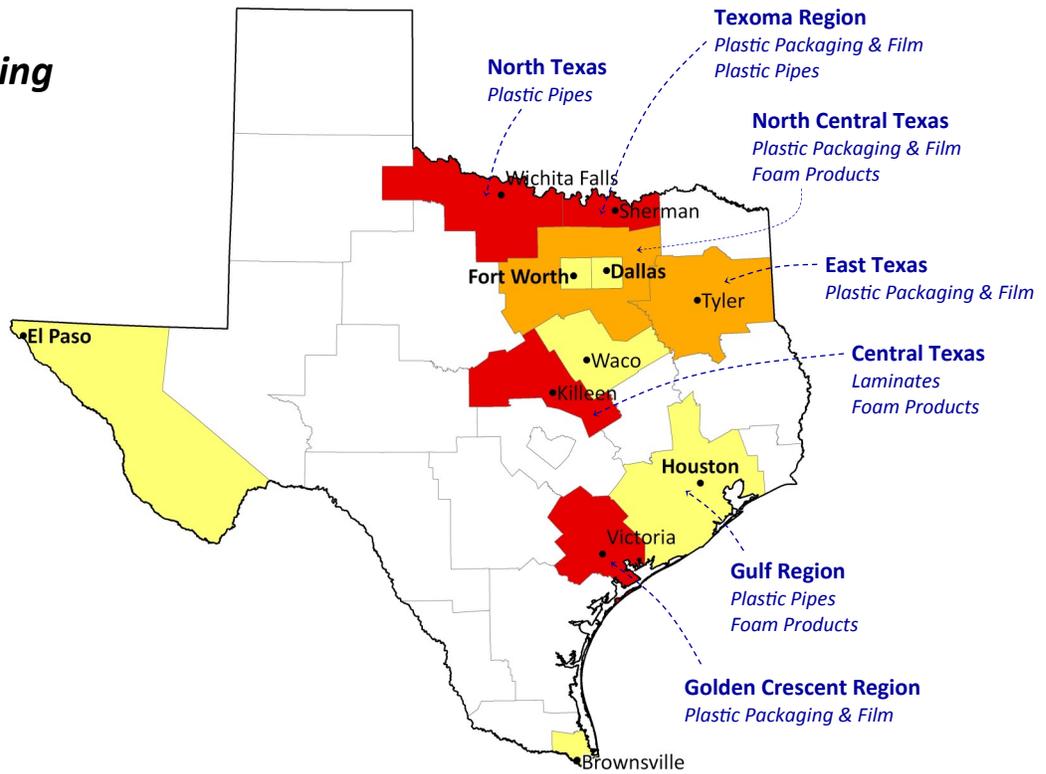
## Petroleum Product Manufacturing



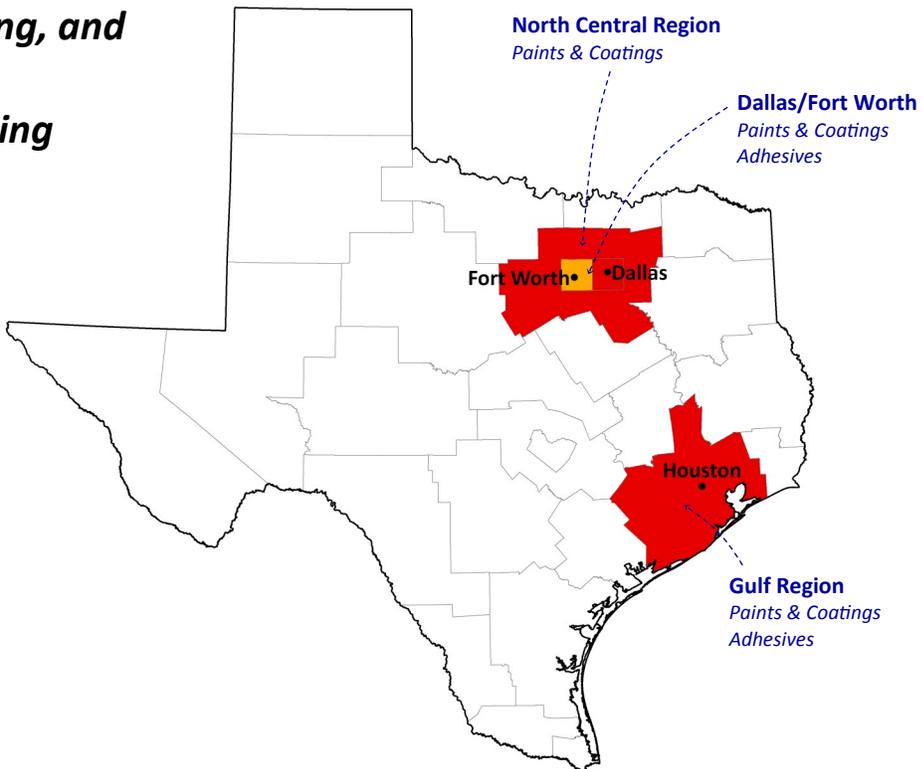
## Chemical Manufacturing



### Plastics Manufacturing

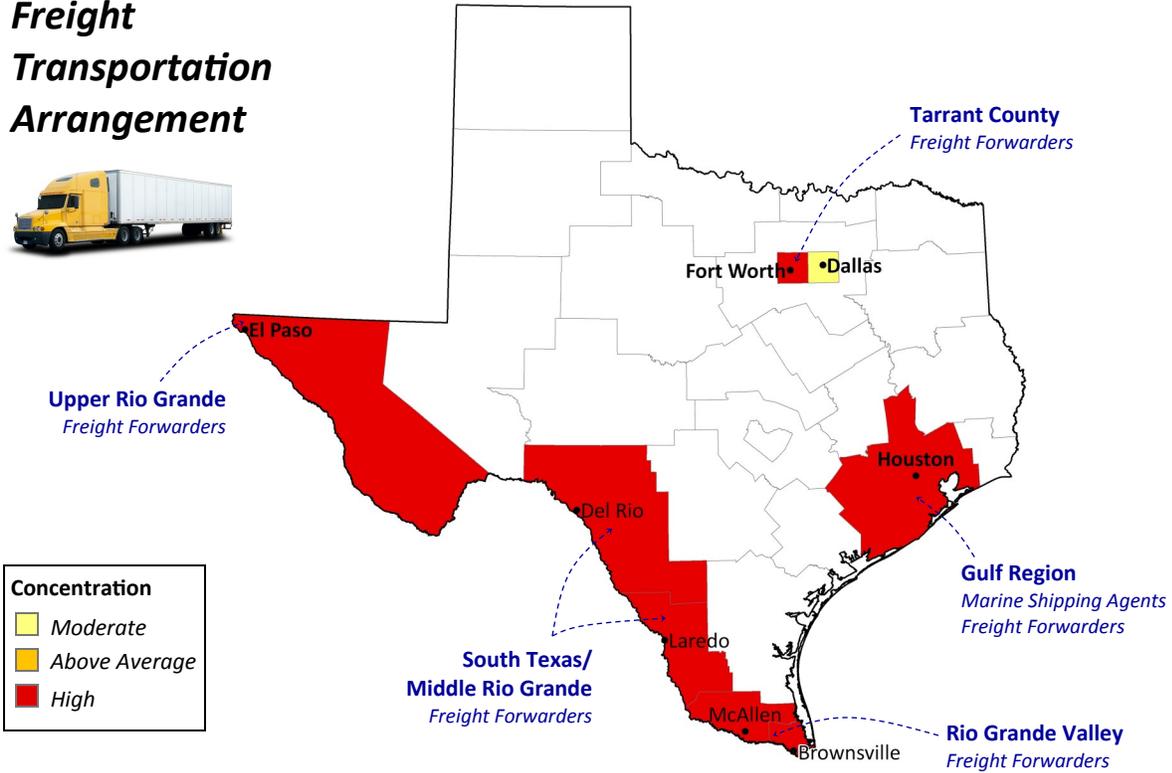


### Paint, Coating, and Adhesive Manufacturing

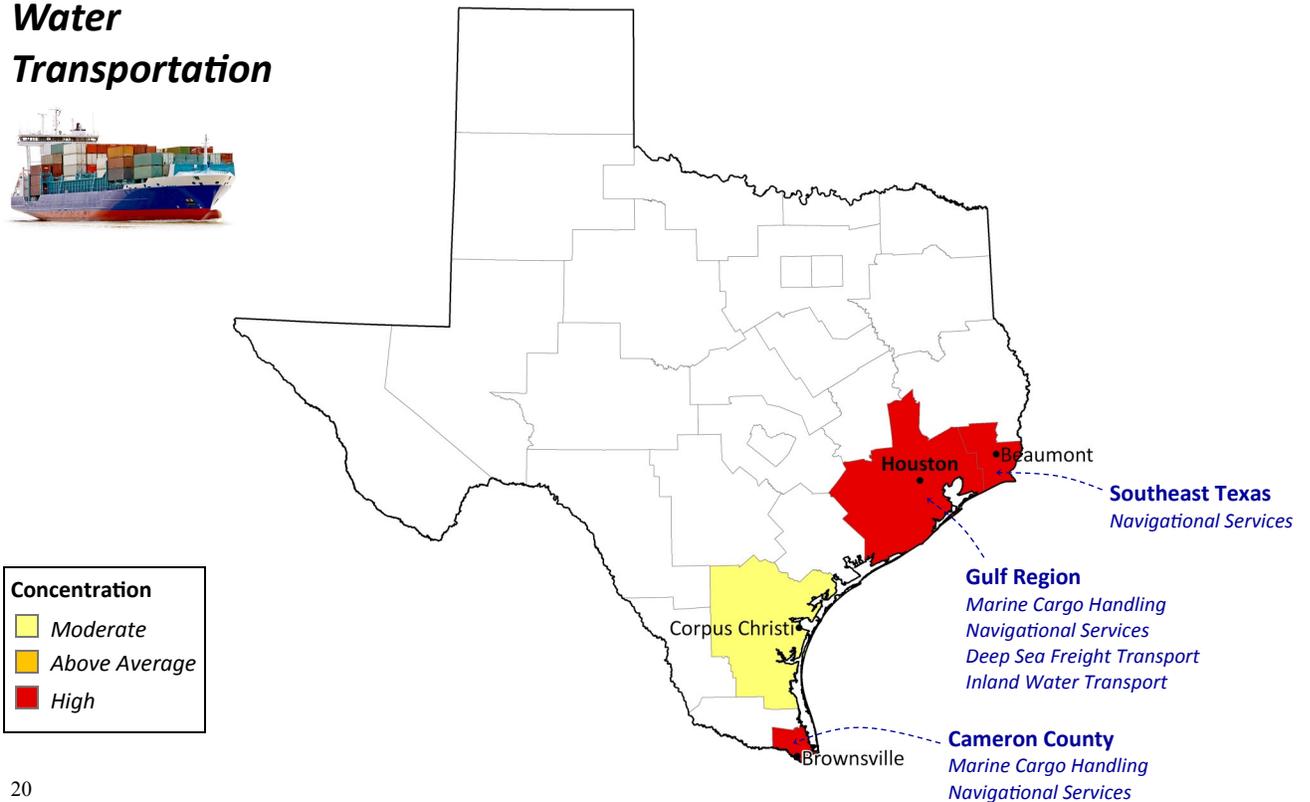


# LOGISTICS & TRANSPORTATION

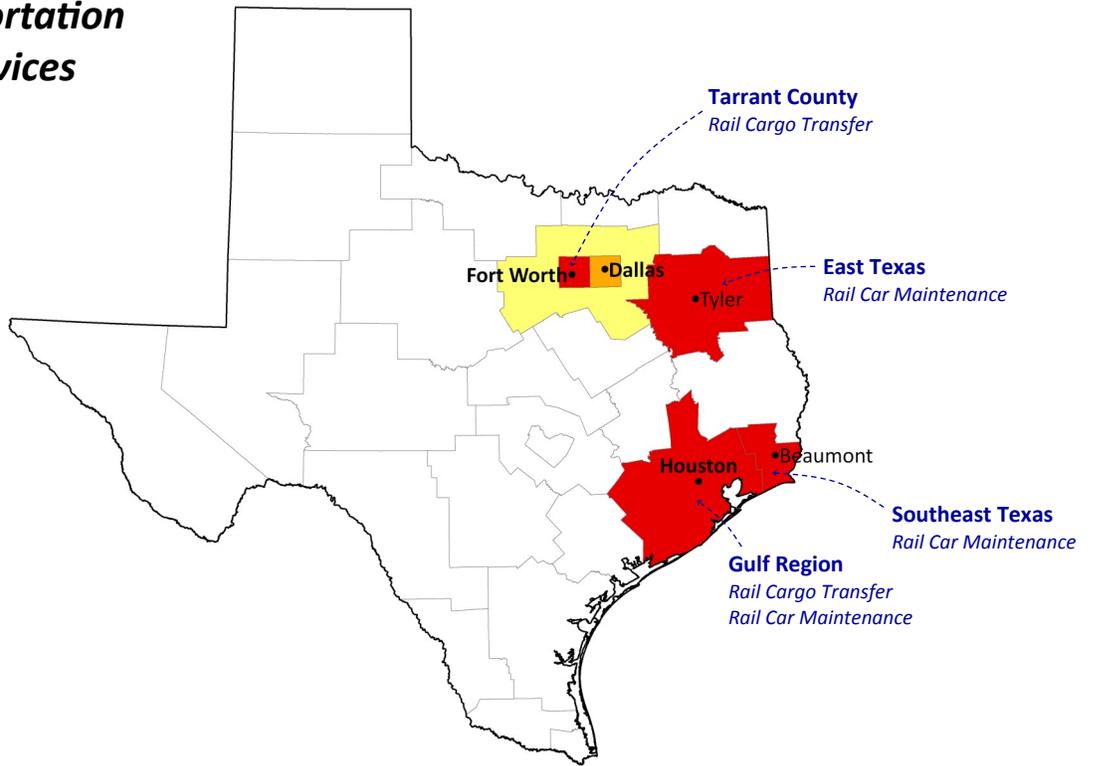
## Freight Transportation Arrangement



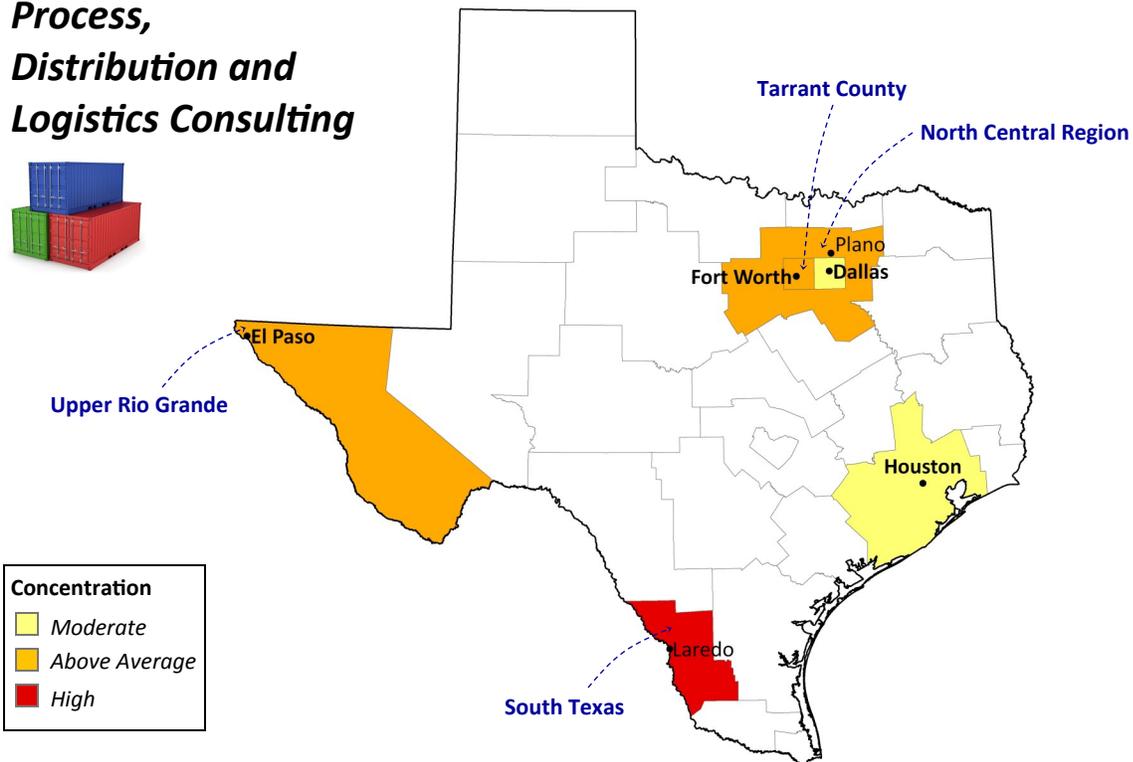
## Water Transportation



**Rail Transportation Support Services**

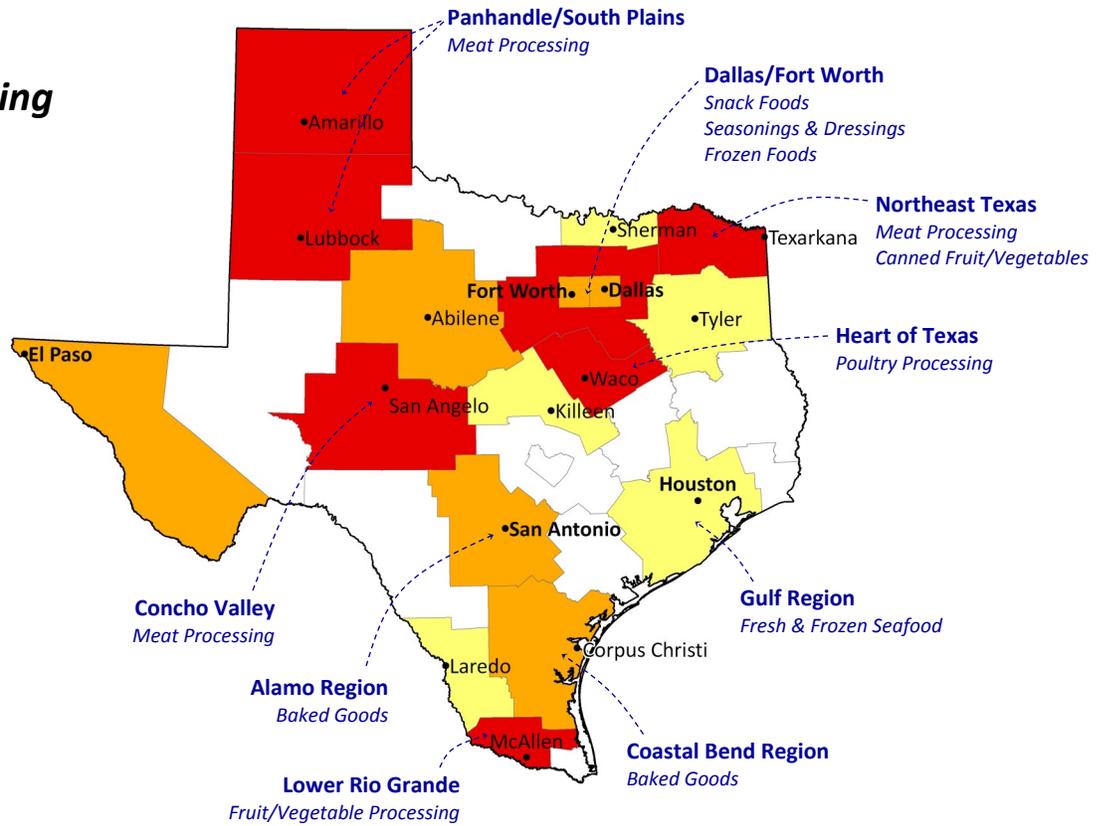


**Process, Distribution and Logistics Consulting**

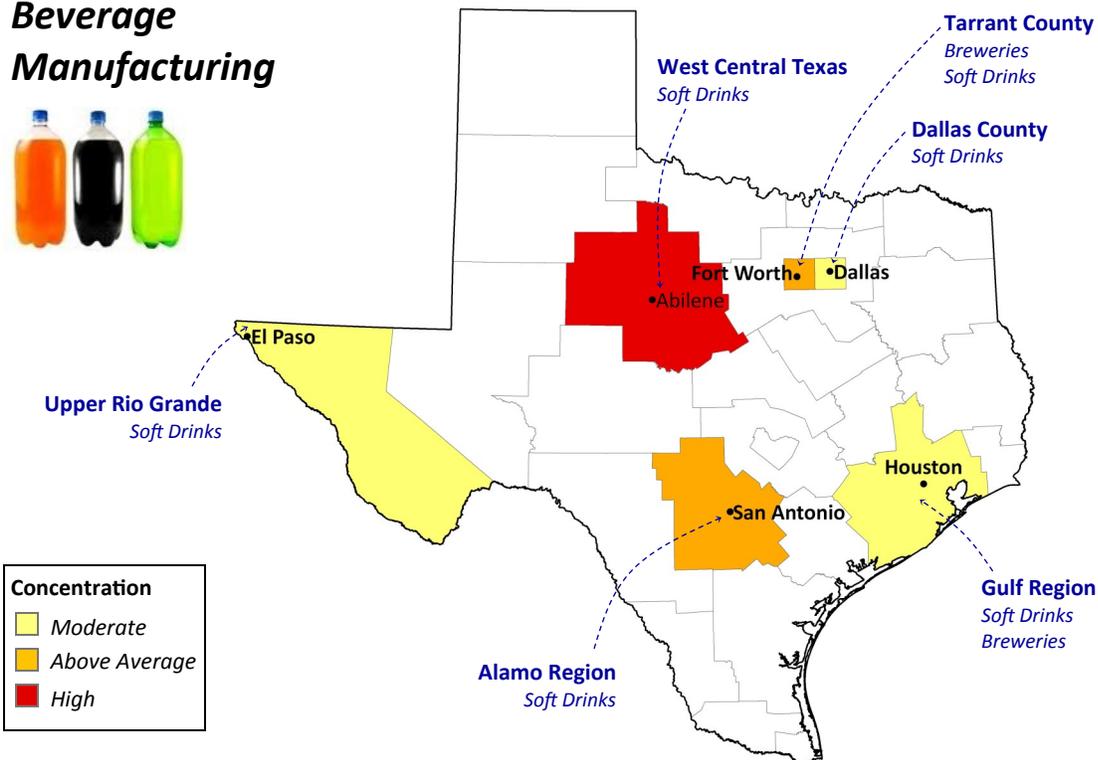


# FOOD & BEVERAGE PROCESSING

## Food Manufacturing



## Beverage Manufacturing



## Sources

- Texas Workforce Commission [www.tracer2.com](http://www.tracer2.com)
- U.S. Bureau of Labor Statistics [www.bls.gov](http://www.bls.gov)



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