



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

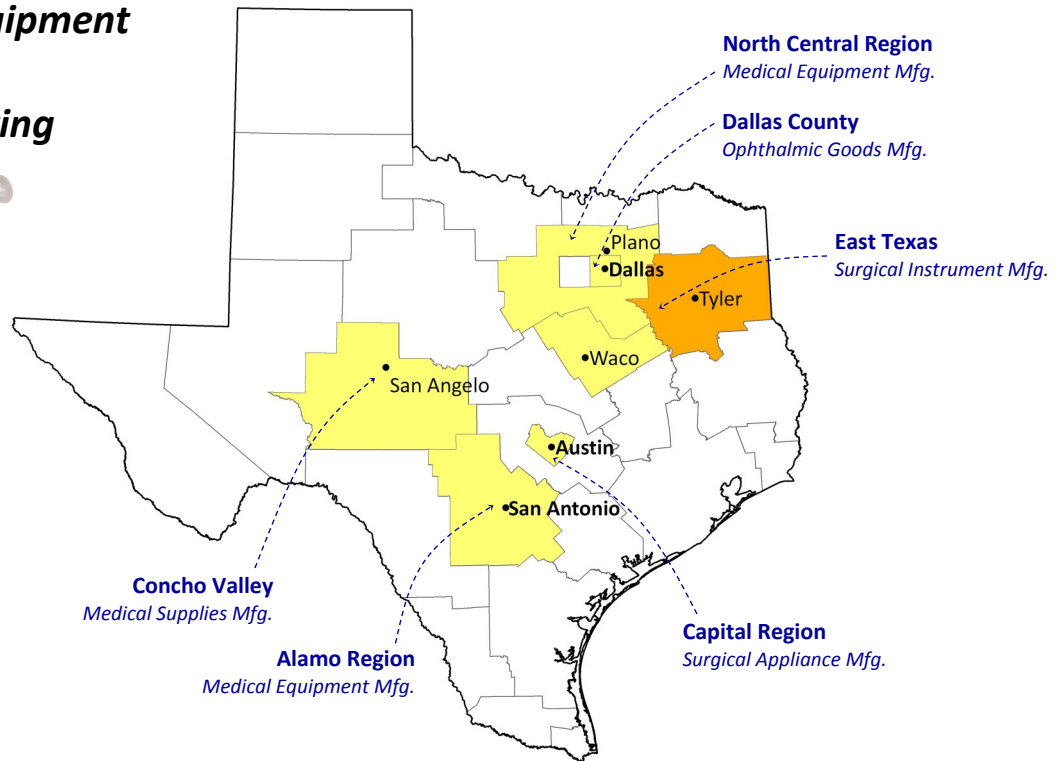
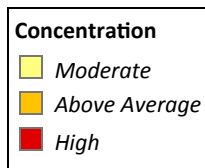


High

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

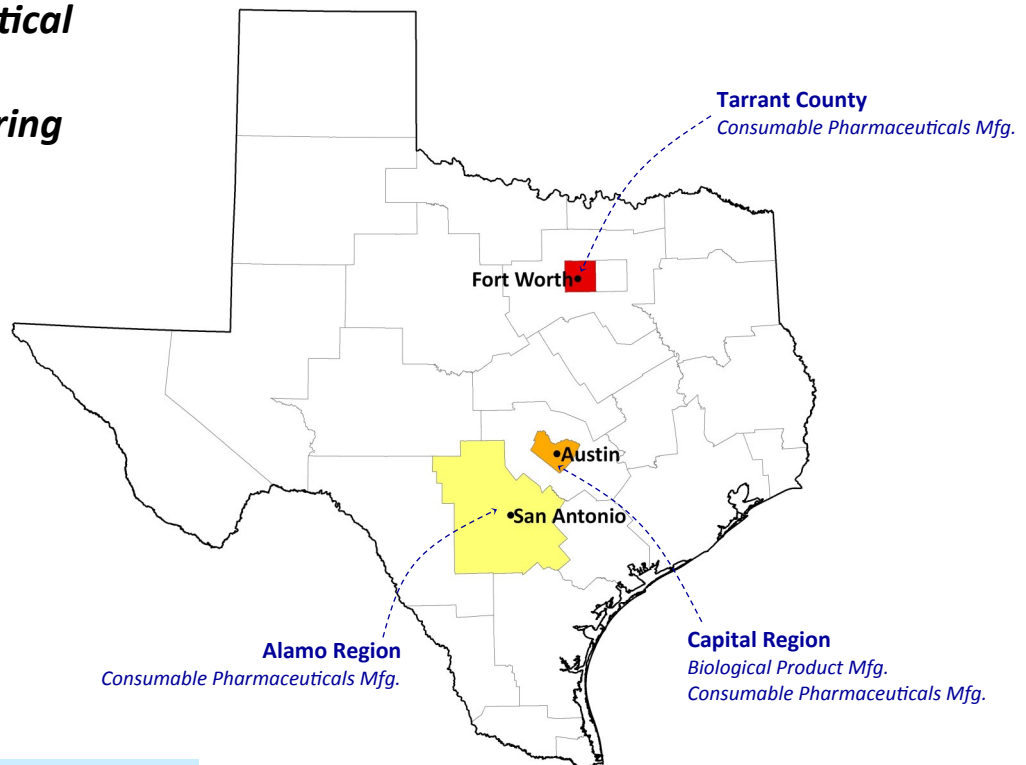
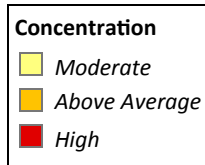
BIOTECH & LIFE SCIENCES

Medical Equipment & Supplies Manufacturing



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

Pharmaceutical & Medicine Manufacturing

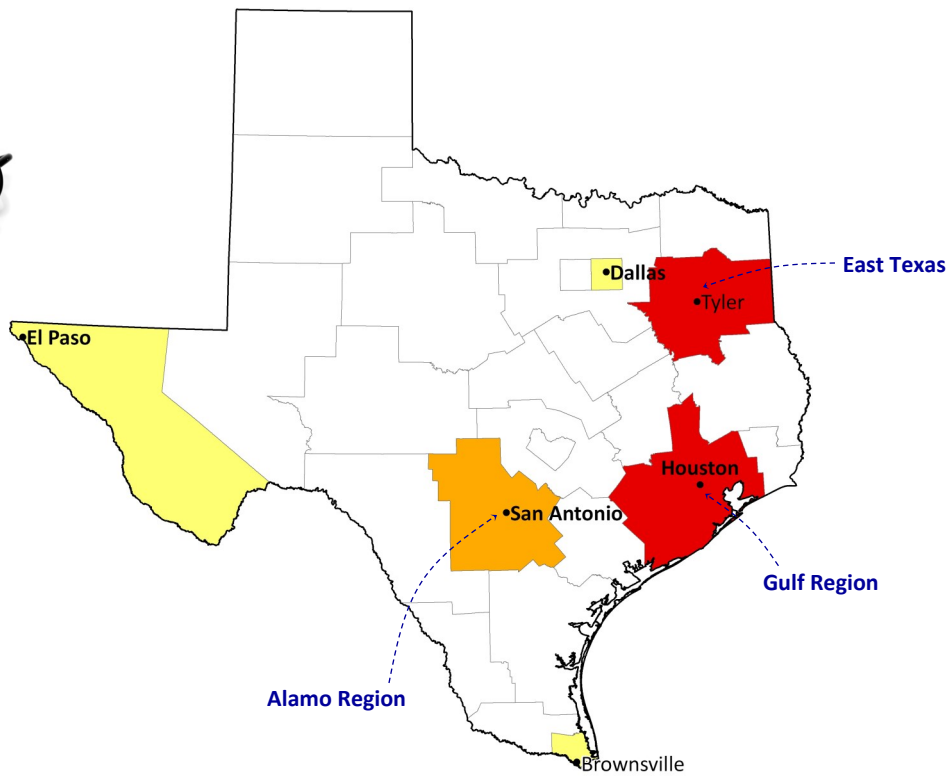
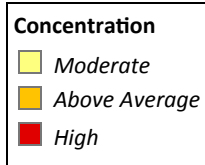


→ **Related workforce:** Chemical Mfg., pg. 18

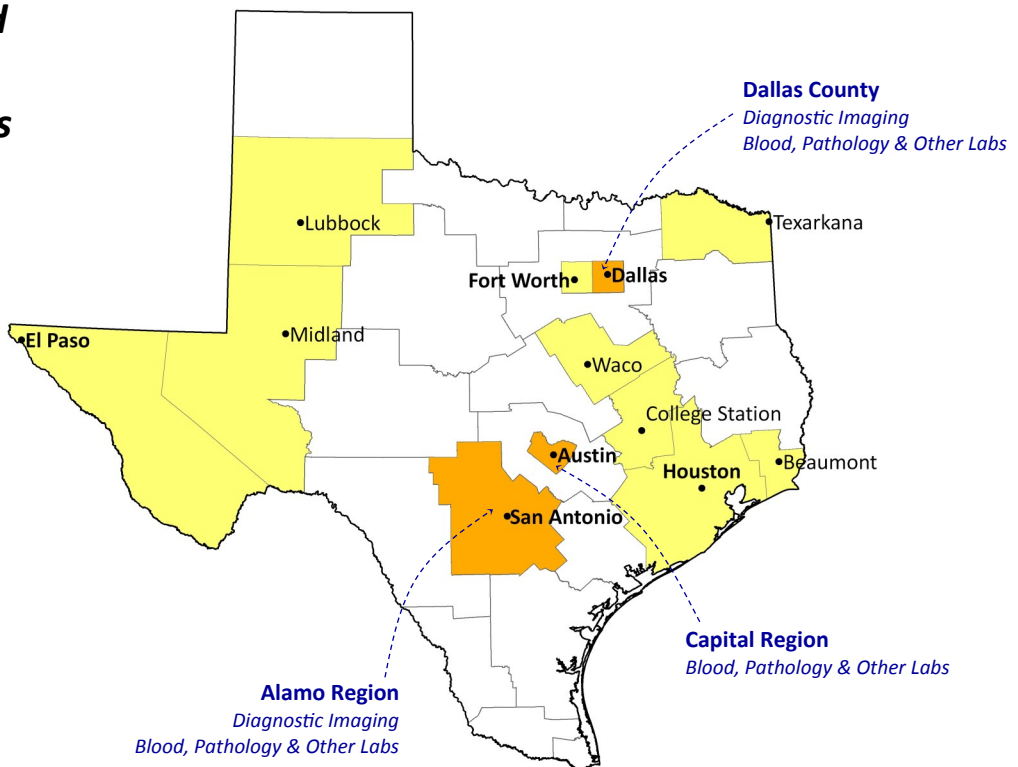
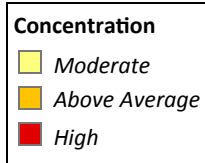
Specialized Hospitals



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



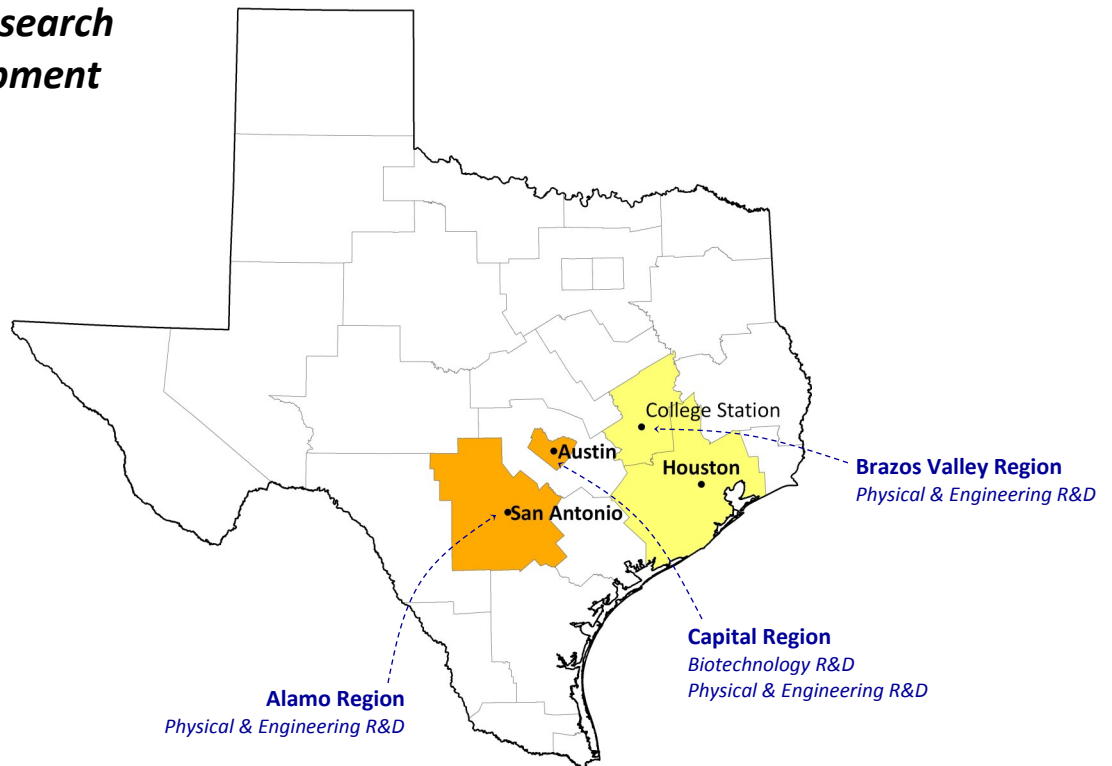
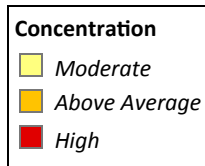
Medical and Diagnostic Laboratories



Scientific Research and Development Services

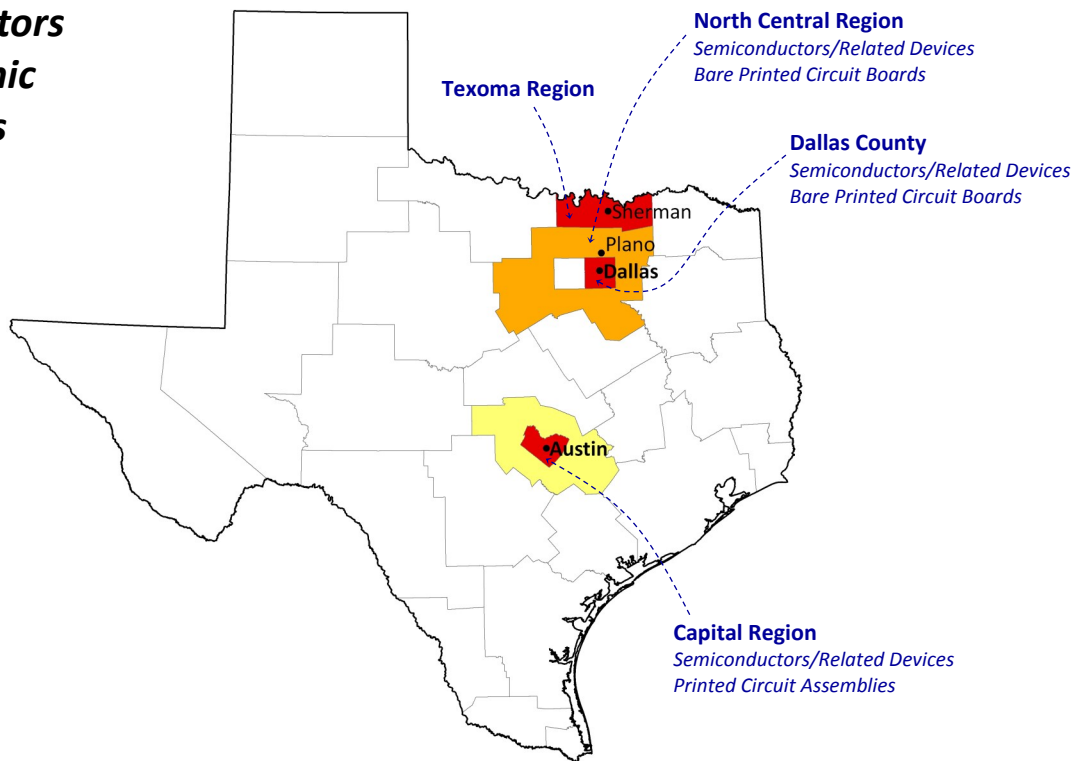
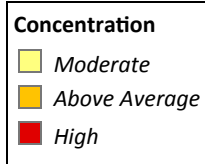
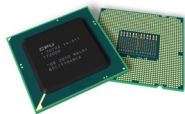


This sector conducts original investigation in the fields of biotechnology, medicine, physical science, engineering, social science, etc.

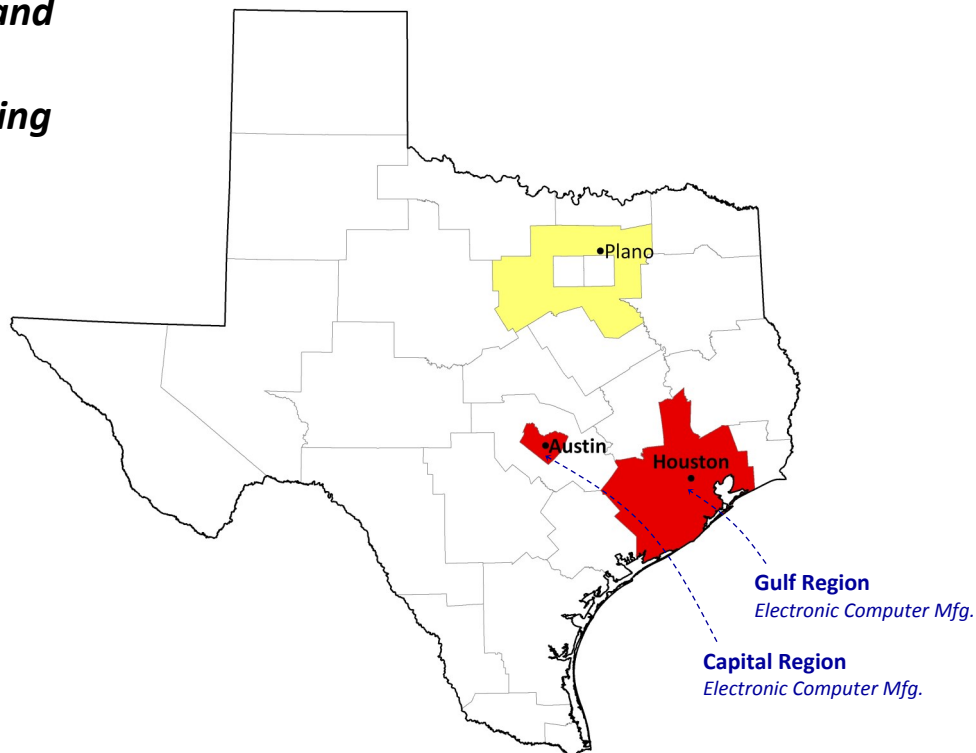
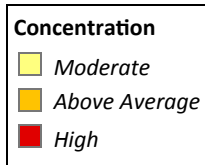


INFORMATION & ELECTRONICS

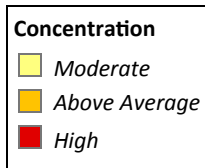
Semiconductors and Electronic Components



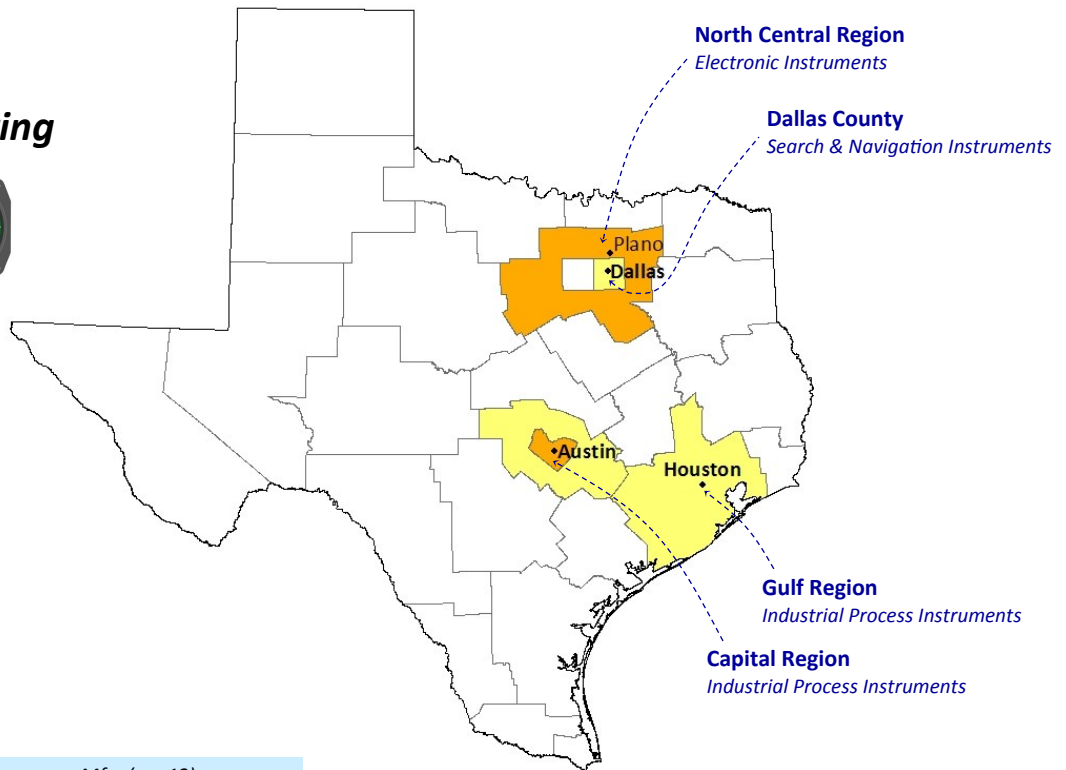
Computers and Peripherals Manufacturing



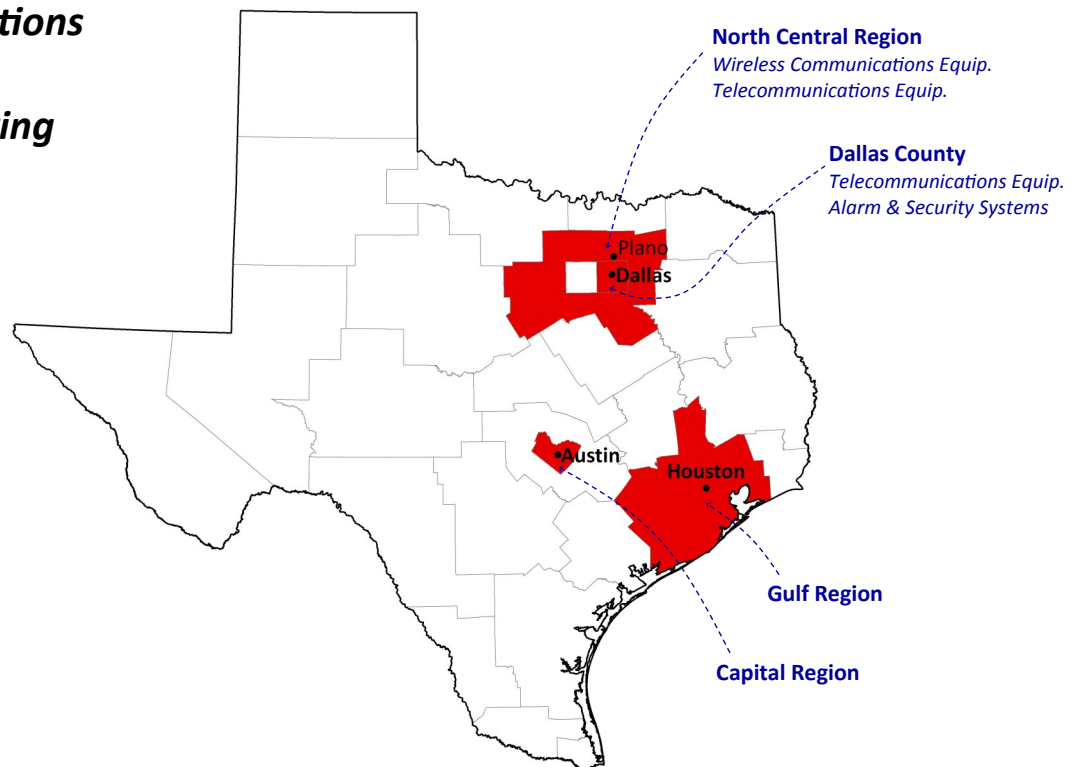
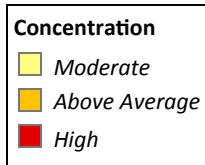
Electronic Instrument Manufacturing



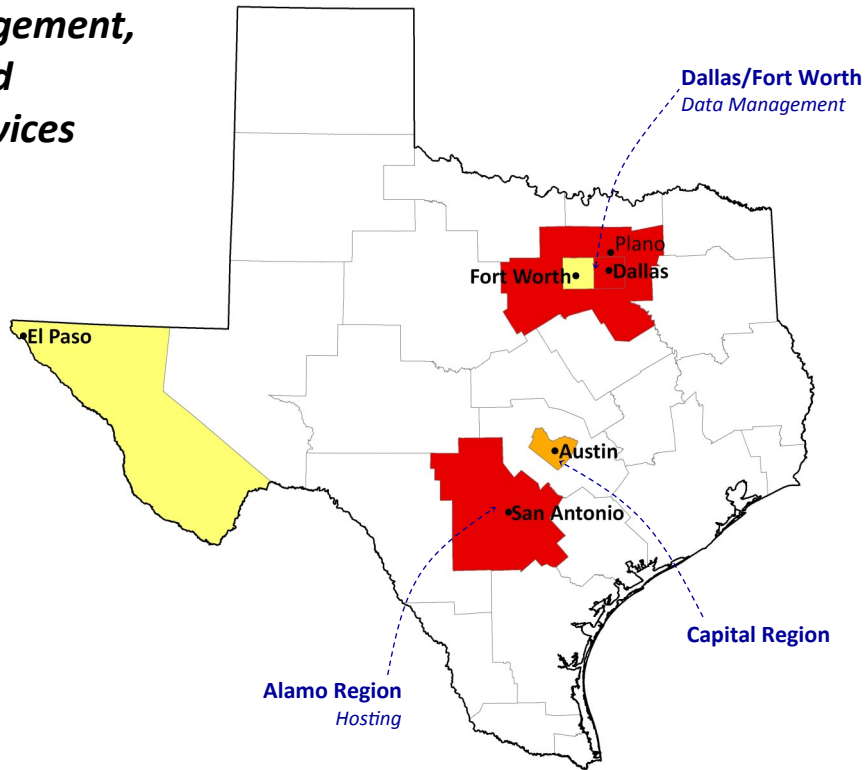
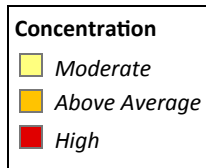
→ Related workforce: Aerospace Mfg. (pg. 12)



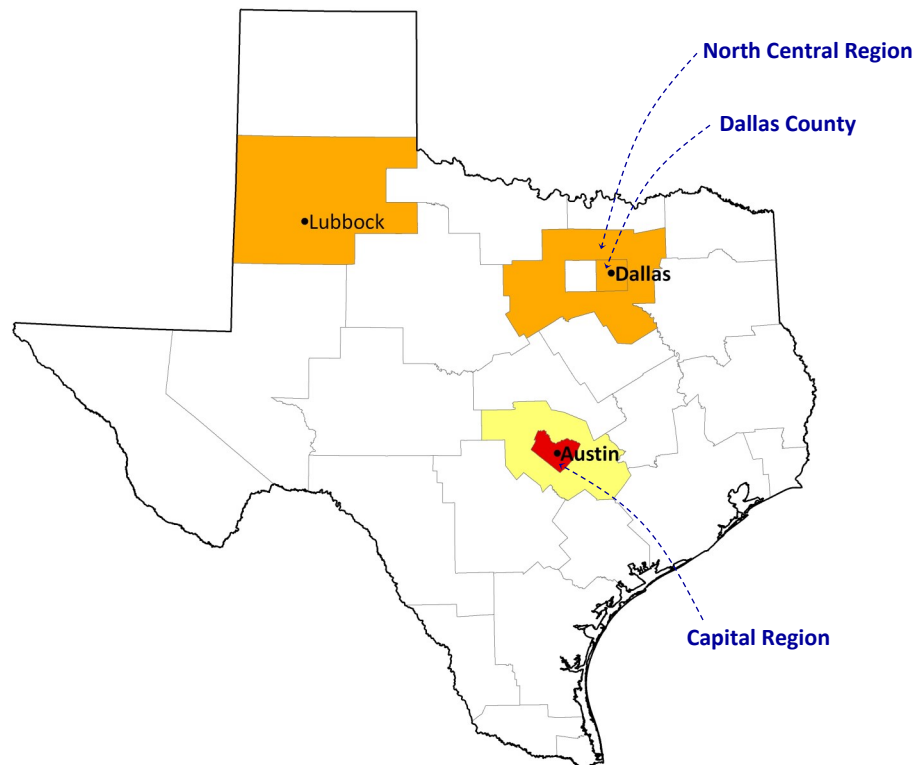
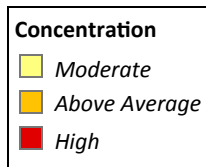
Communications Equipment Manufacturing



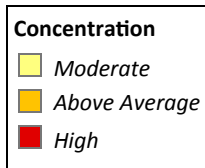
Data Management, Hosting, and Related Services



Software Publishing



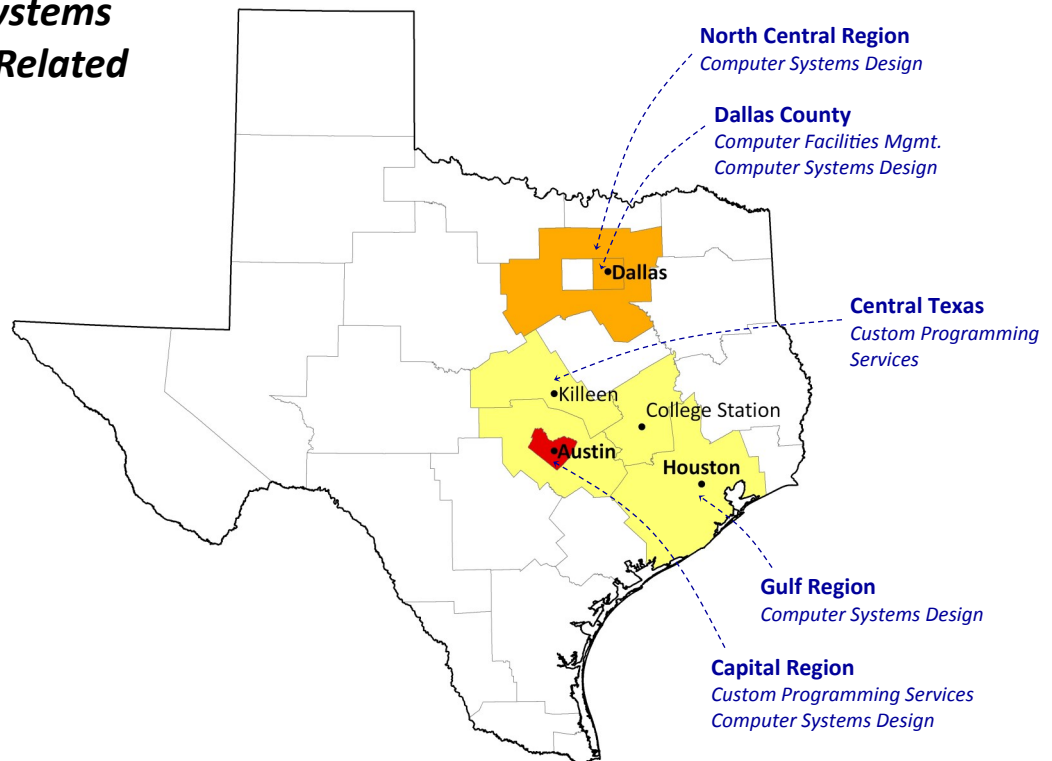
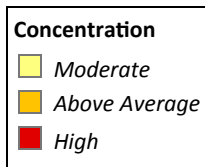
Internet Publishing and Web Search Portals



Computer Systems Design and Related Services

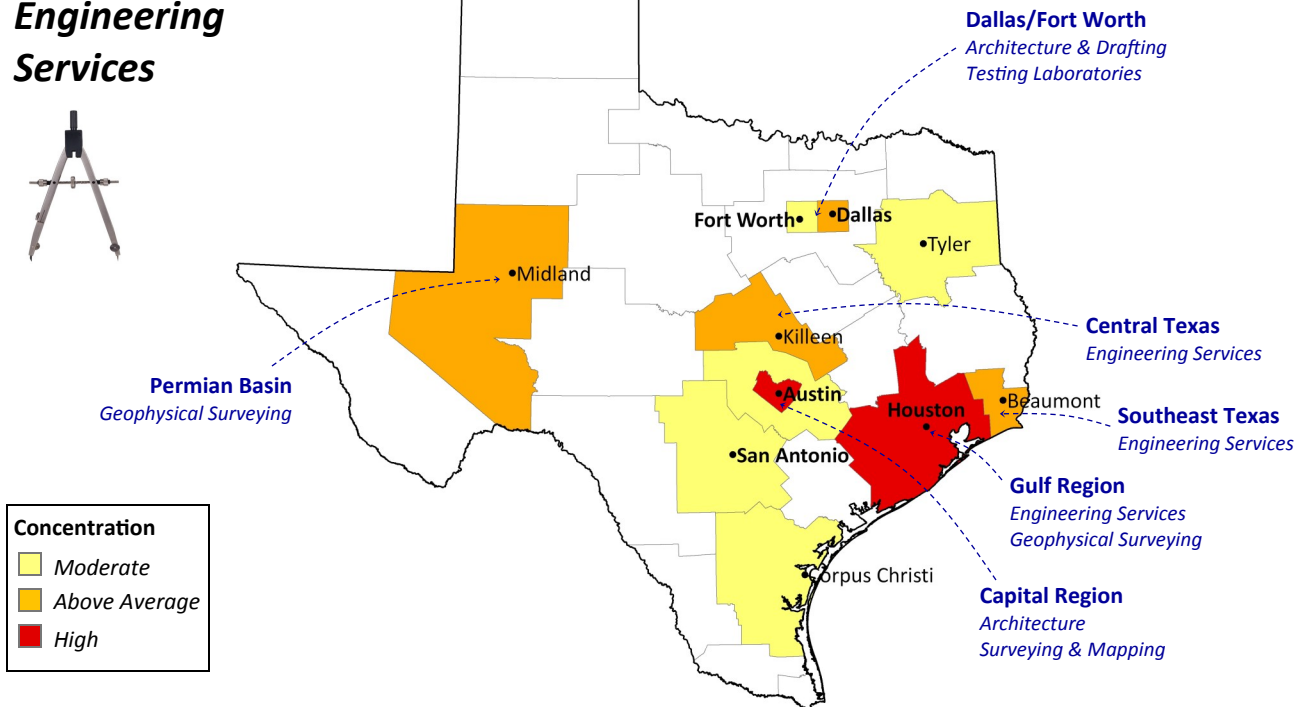


This sector provides customized software and hardware integration, customized software installation, onsite IT and data facility management, and other computer-related services

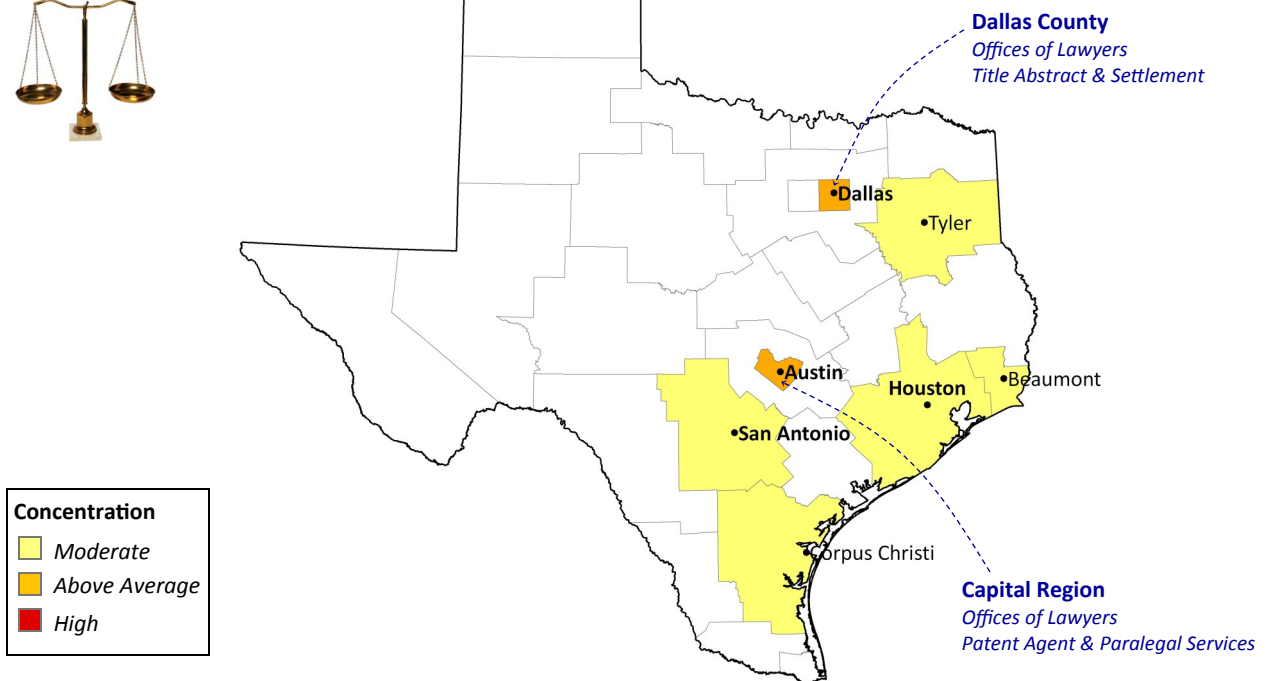


PROFESSIONAL SERVICES

Architectural and Engineering Services

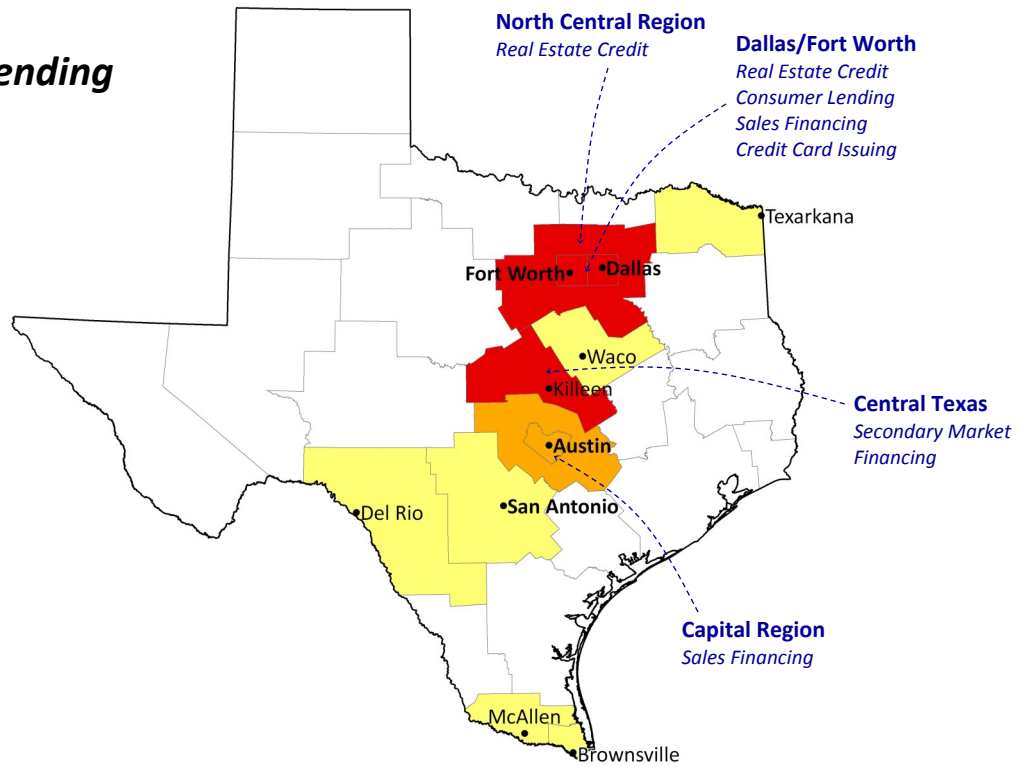
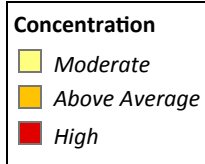


Legal Services

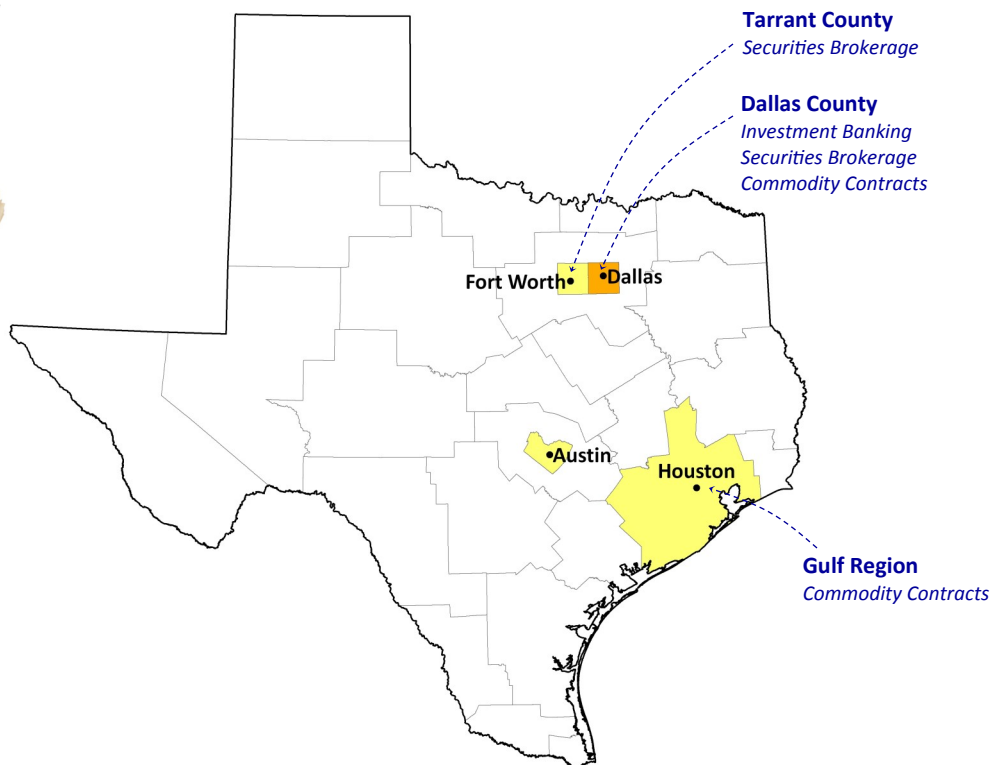
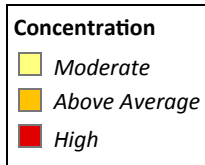


FINANCIAL SERVICES

Credit and Consumer Lending



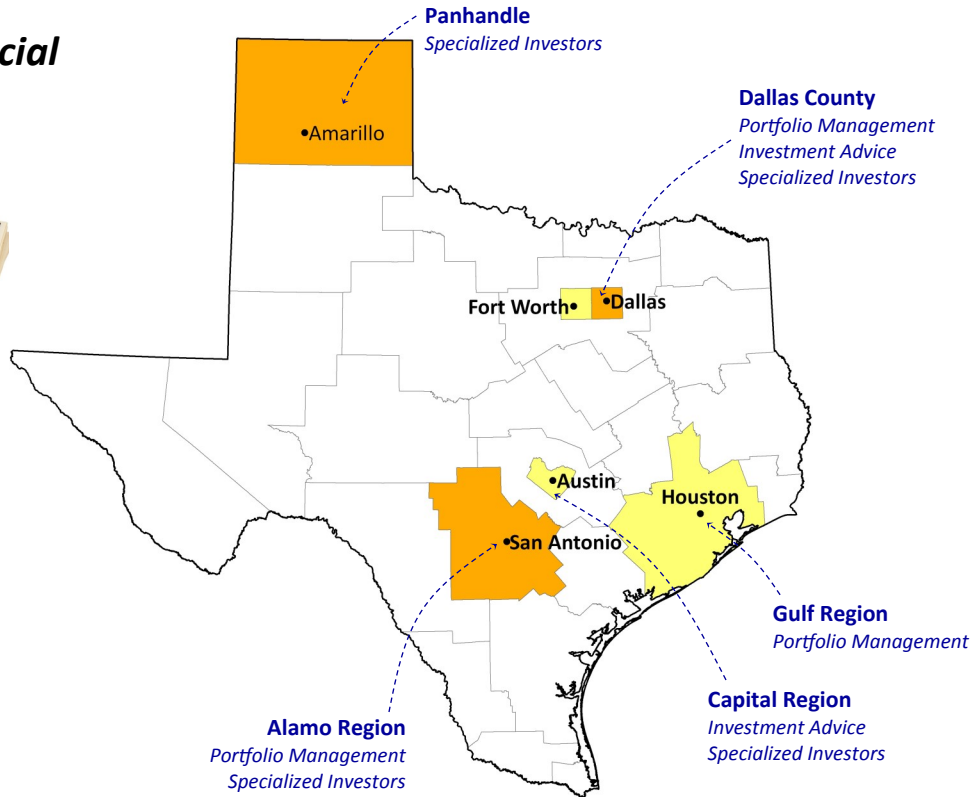
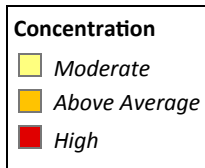
Security and Commodity Dealing



Other Financial Investment Services



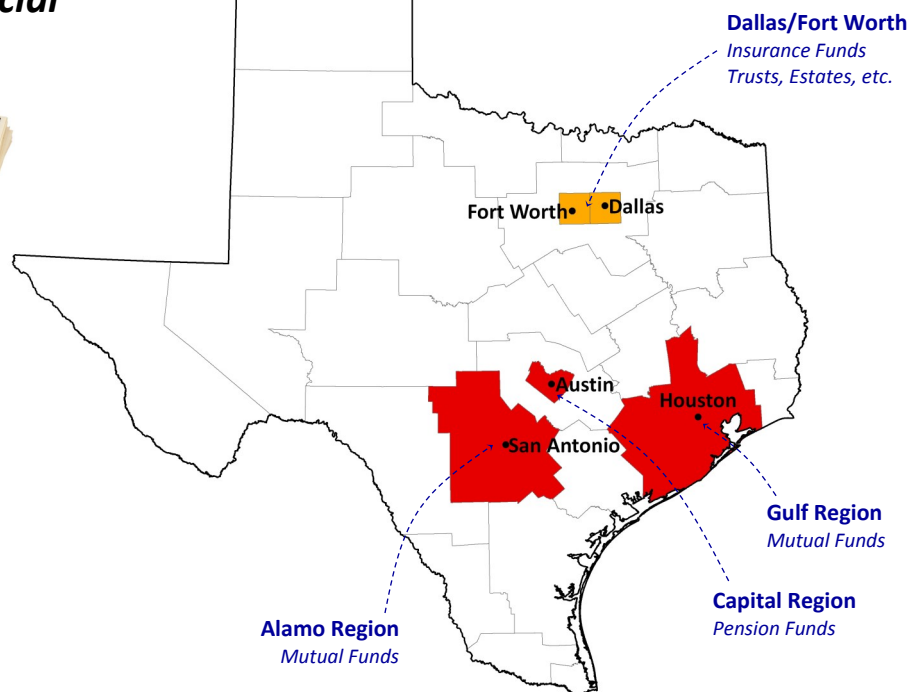
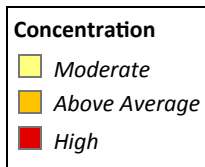
This sector includes financial planning, portfolio management, mineral royalty and lease brokerage, venture capital firms, and other services



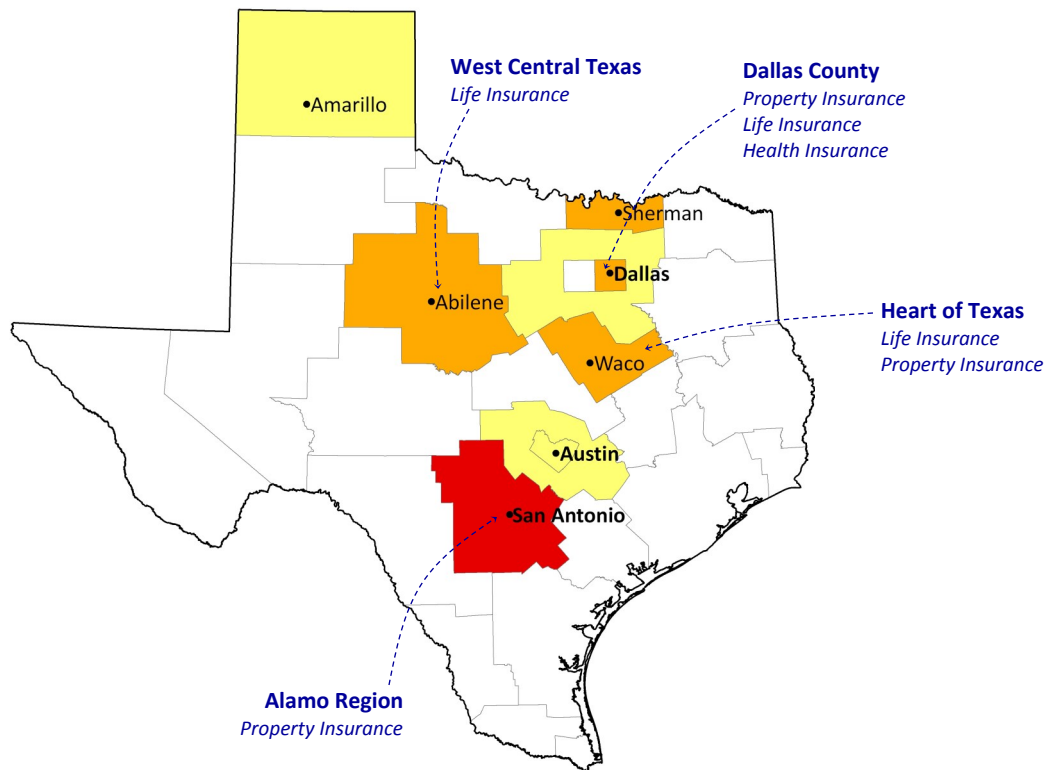
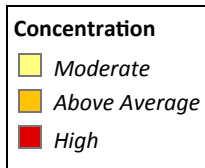
Funds, Trusts, and Other Financial Vehicles



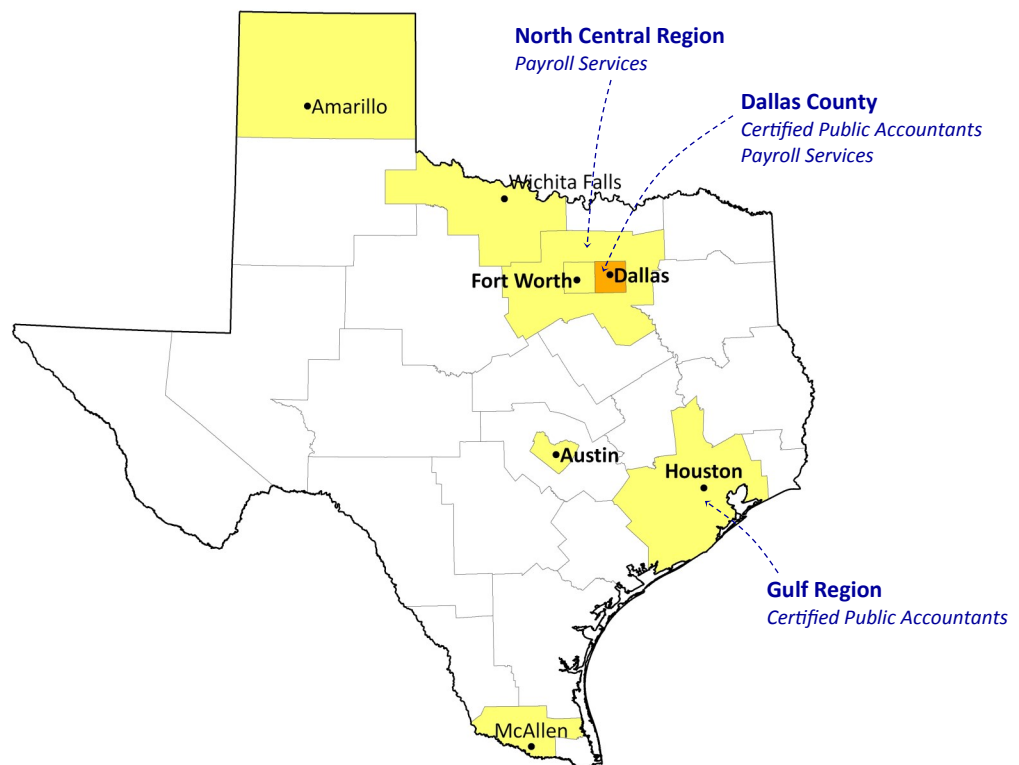
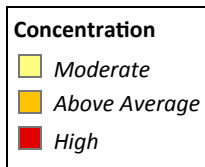
This sector pools securities or other assets on behalf of employee benefit groups or other shareholders. This includes pension funds, mutual funds, and others



Insurance Carriers

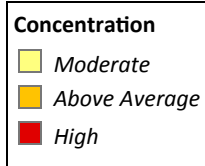


Accounting Services

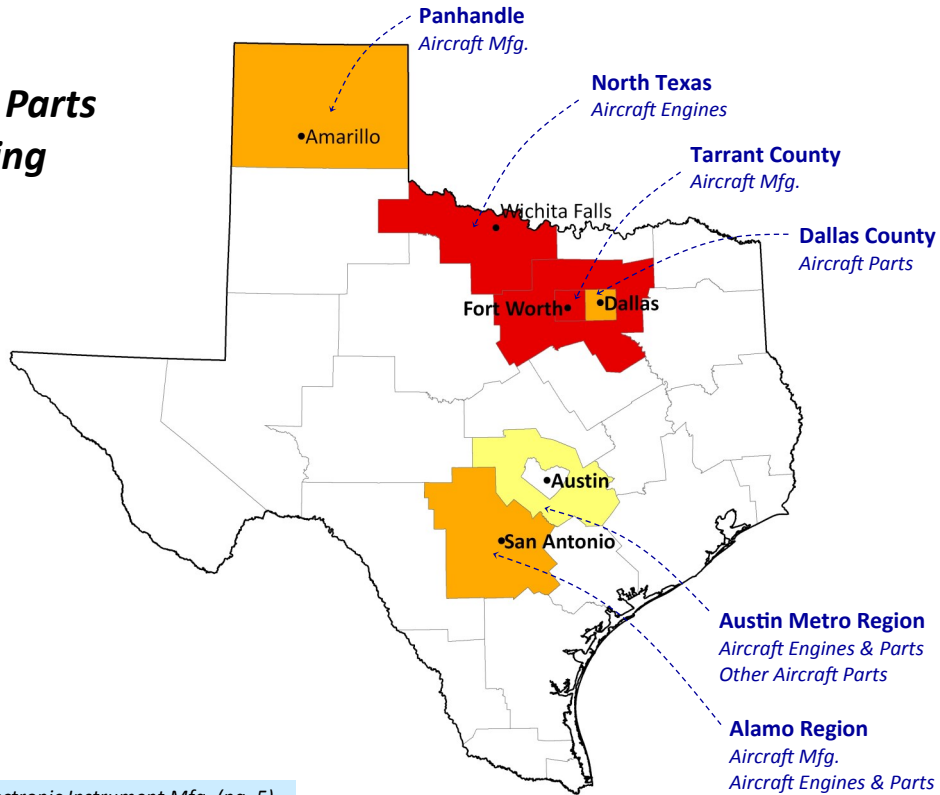


AEROSPACE & AVIATION

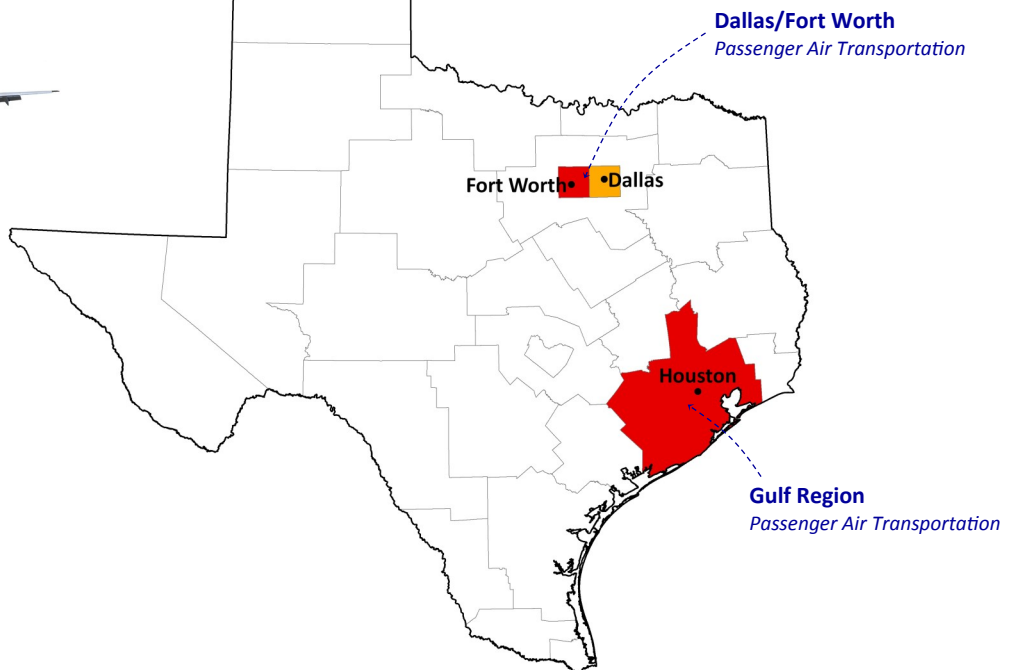
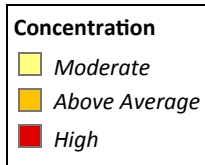
Aerospace Product and Parts Manufacturing



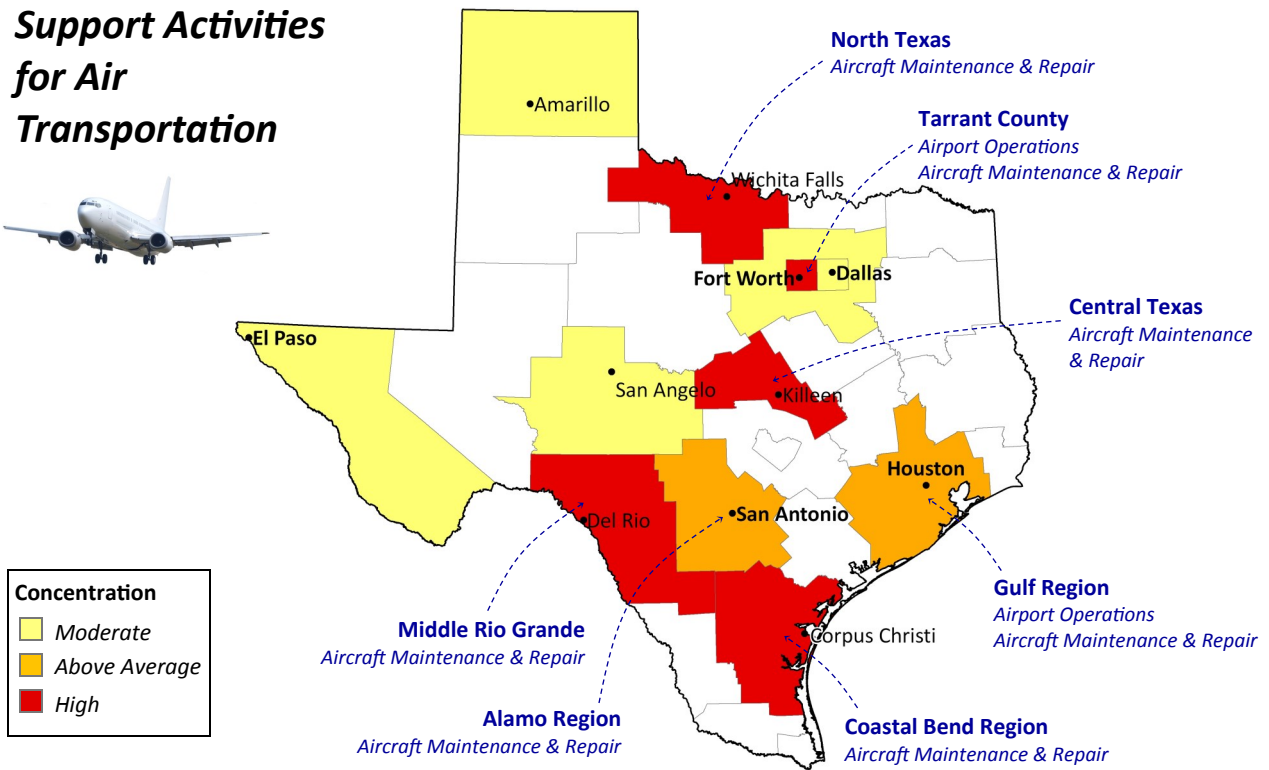
→ **Related workforce:** Electronic Instrument Mfg. (pg. 5)



Scheduled Air Transportation

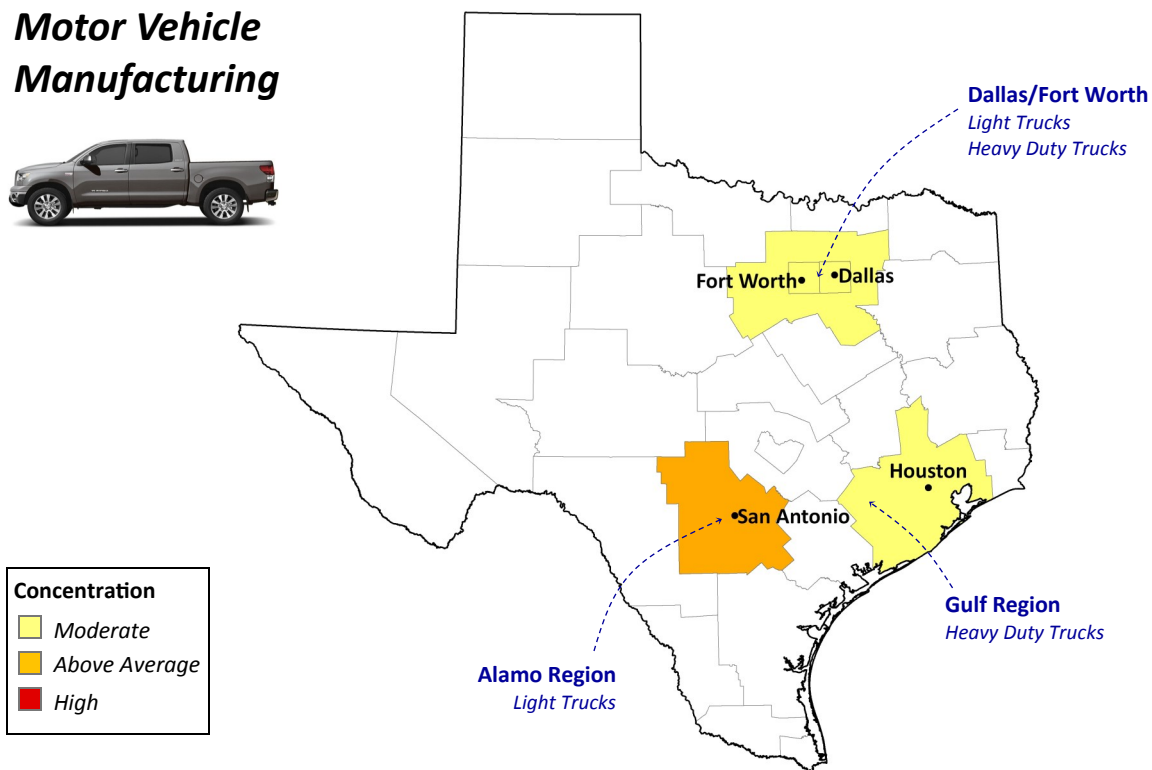


Support Activities for Air Transportation

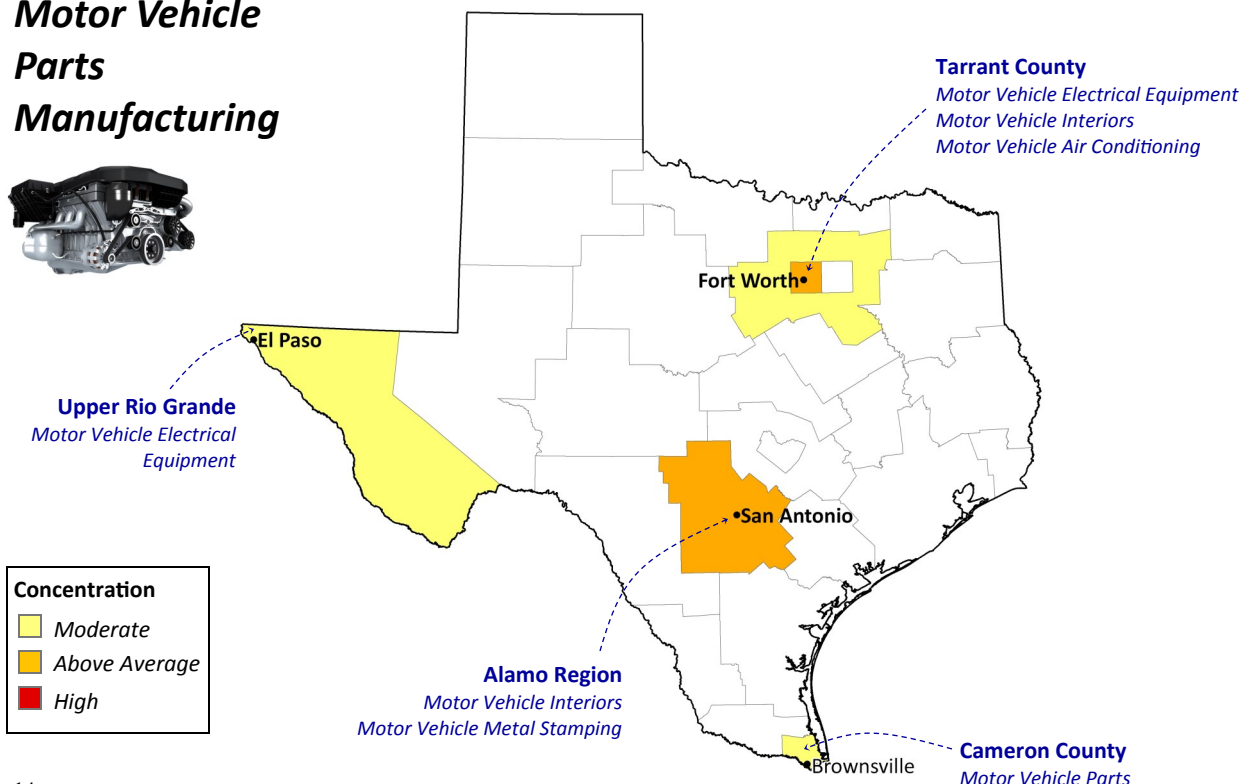


INDUSTRIAL MANUFACTURING

Motor Vehicle Manufacturing

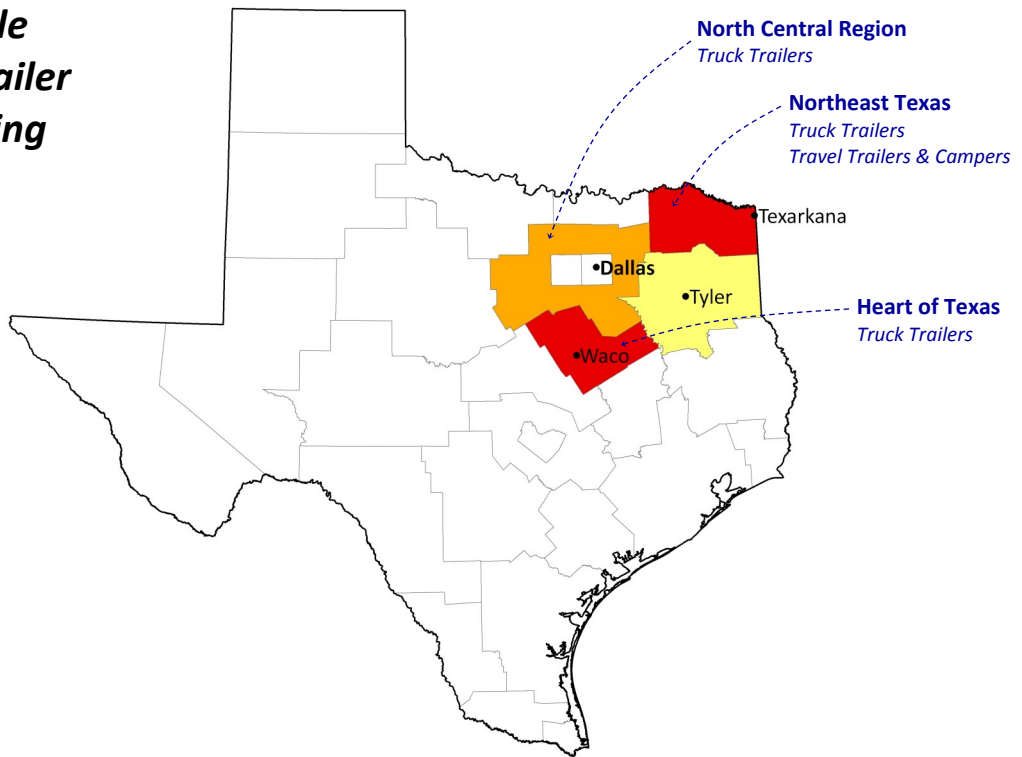


Motor Vehicle Parts Manufacturing

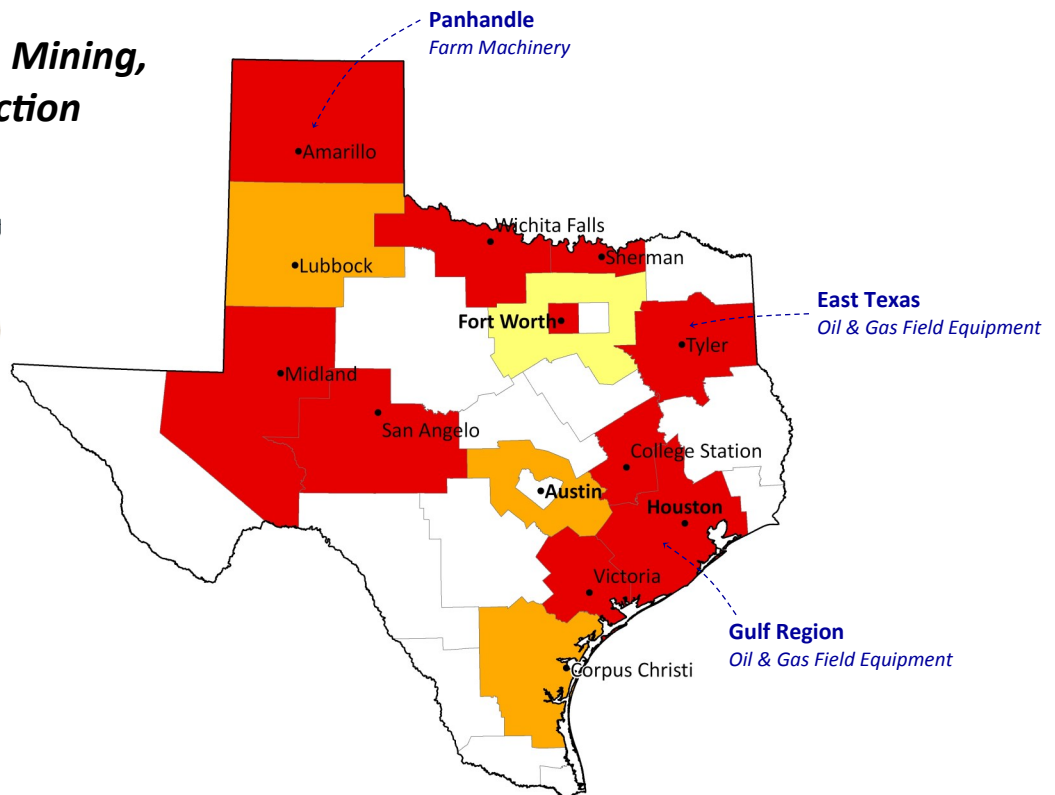


INDUSTRIAL MANUFACTURING

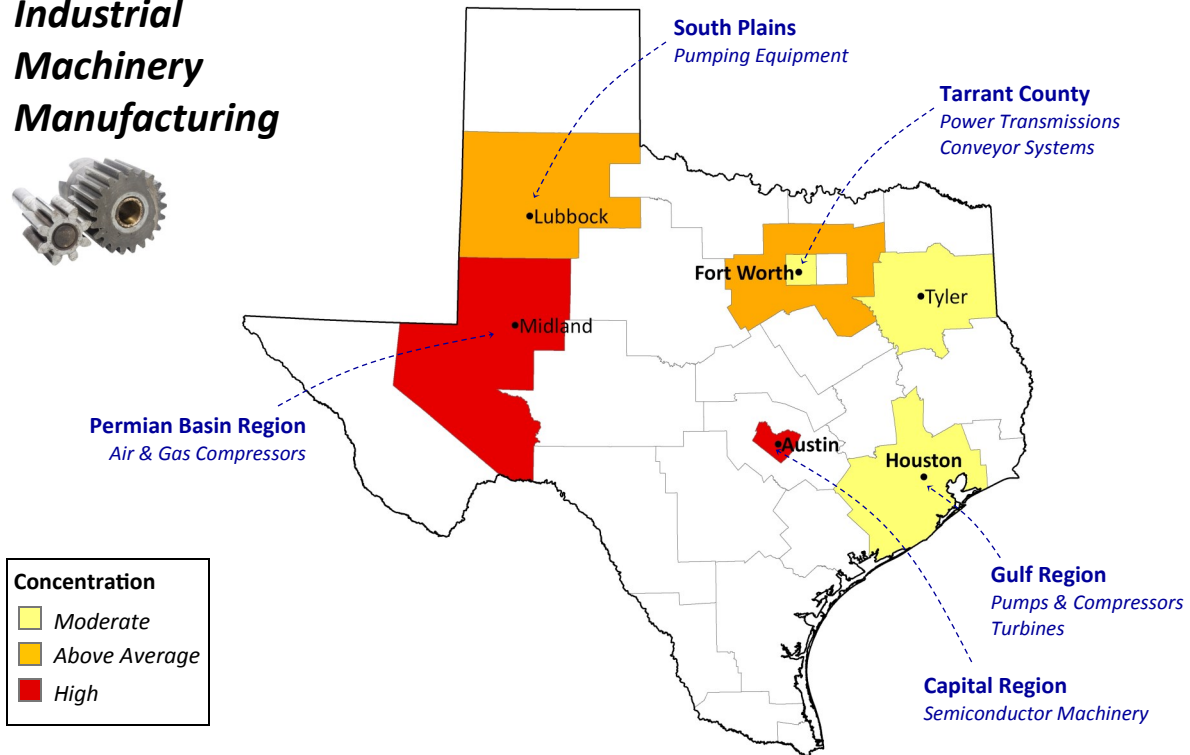
Motor Vehicle Body and Trailer Manufacturing



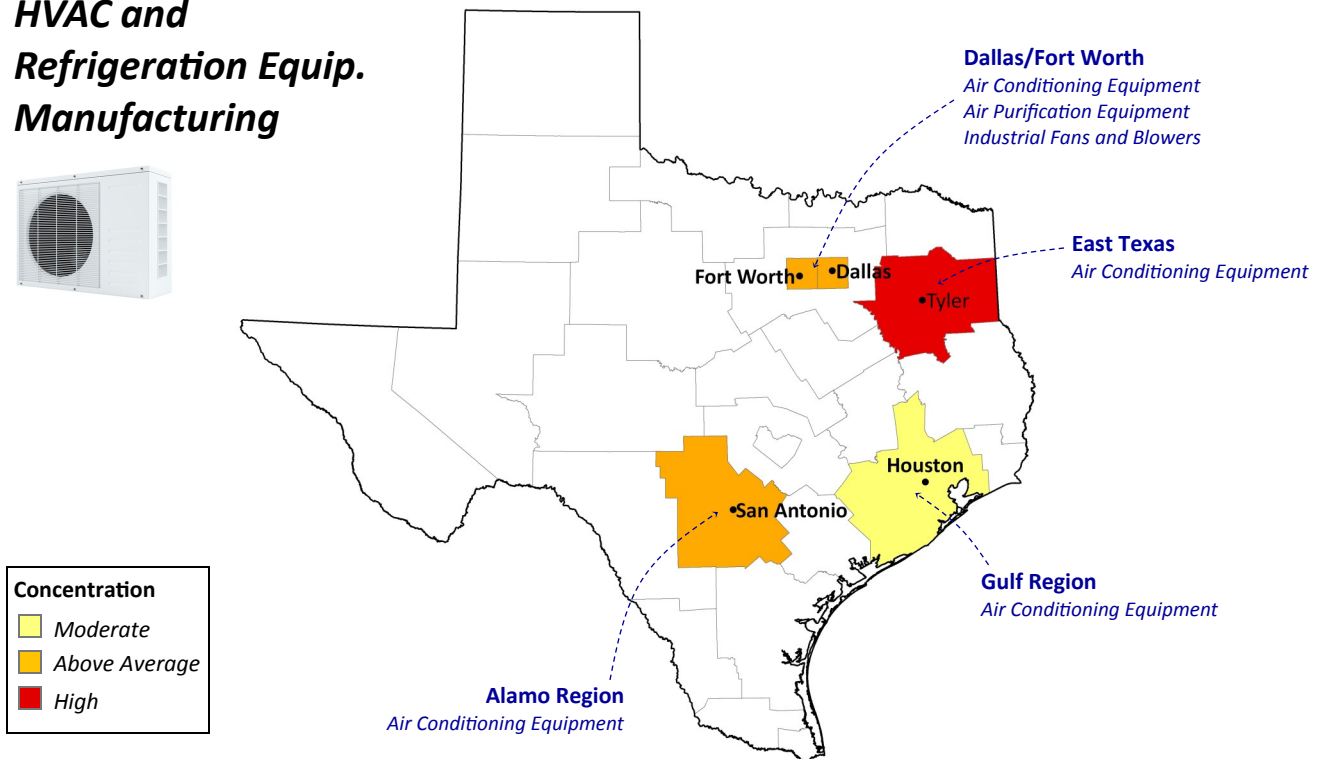
Agricultural, Mining, and Construction Machinery



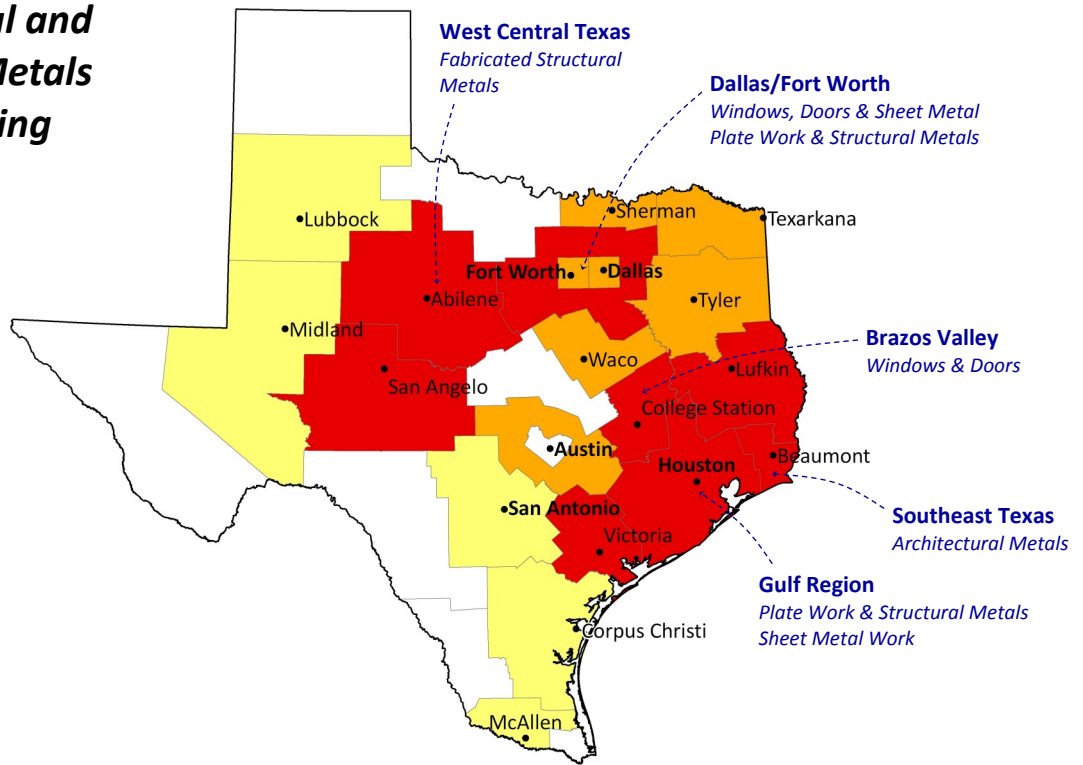
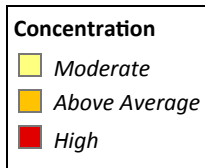
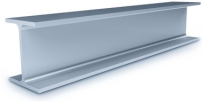
Industrial Machinery Manufacturing



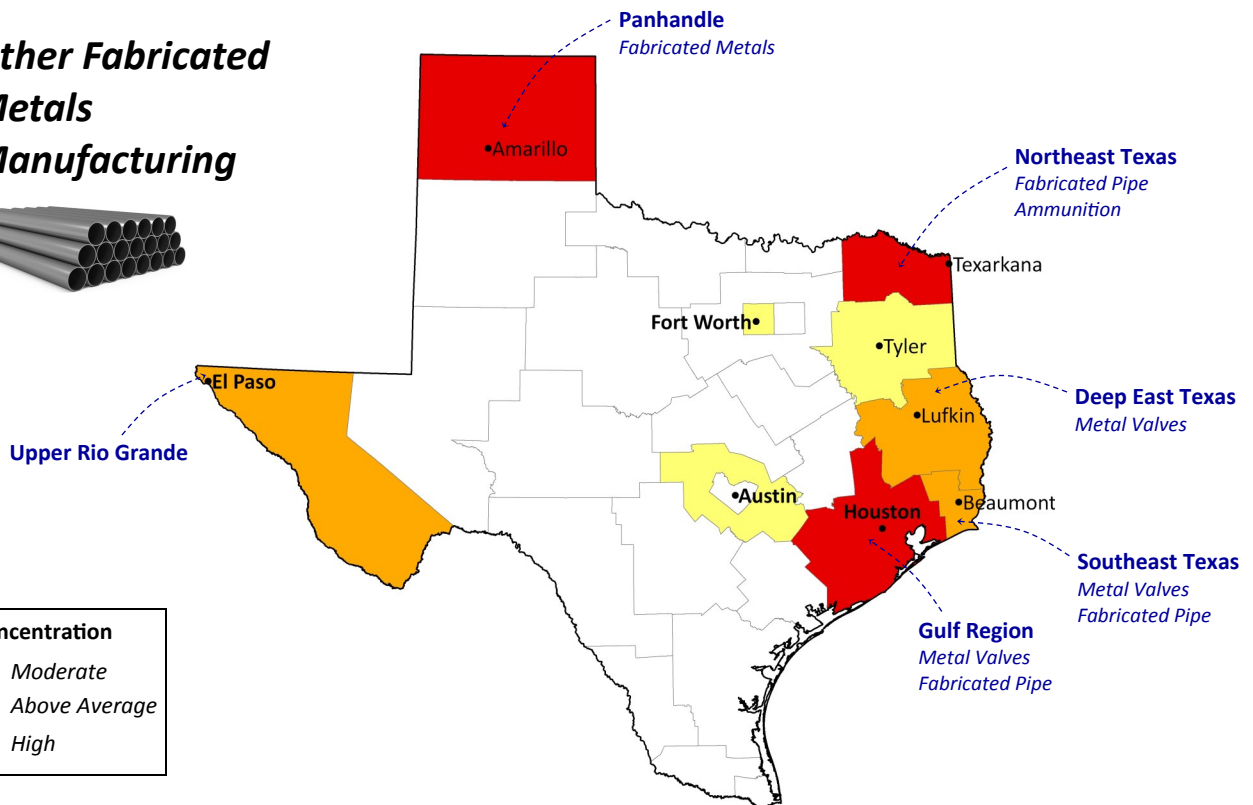
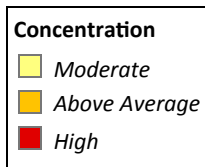
HVAC and Refrigeration Equip. Manufacturing



Architectural and Structural Metals Manufacturing

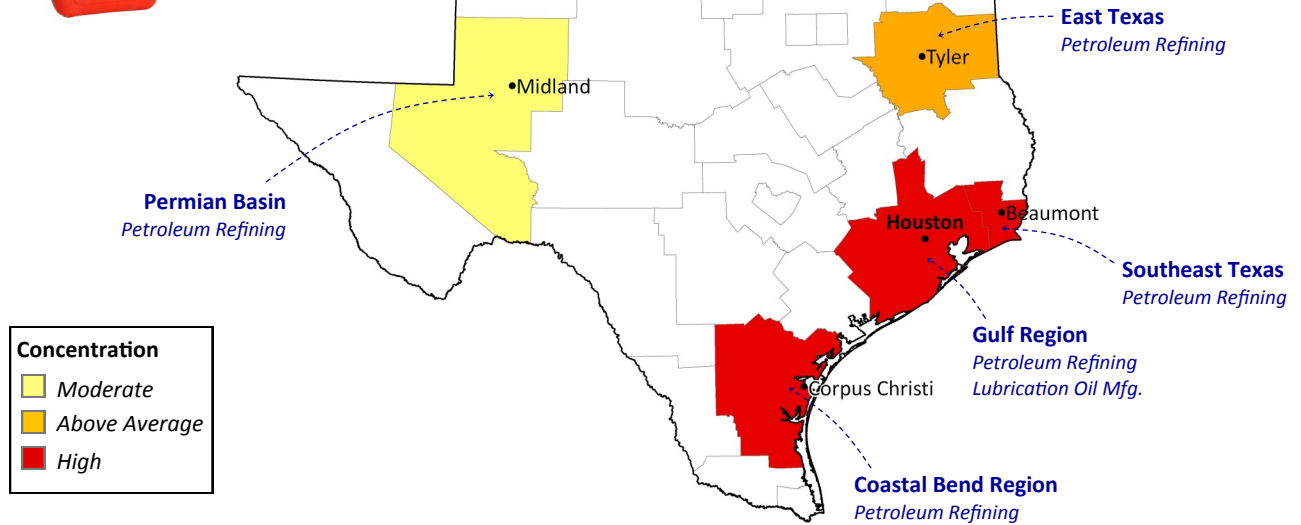


Other Fabricated Metals Manufacturing

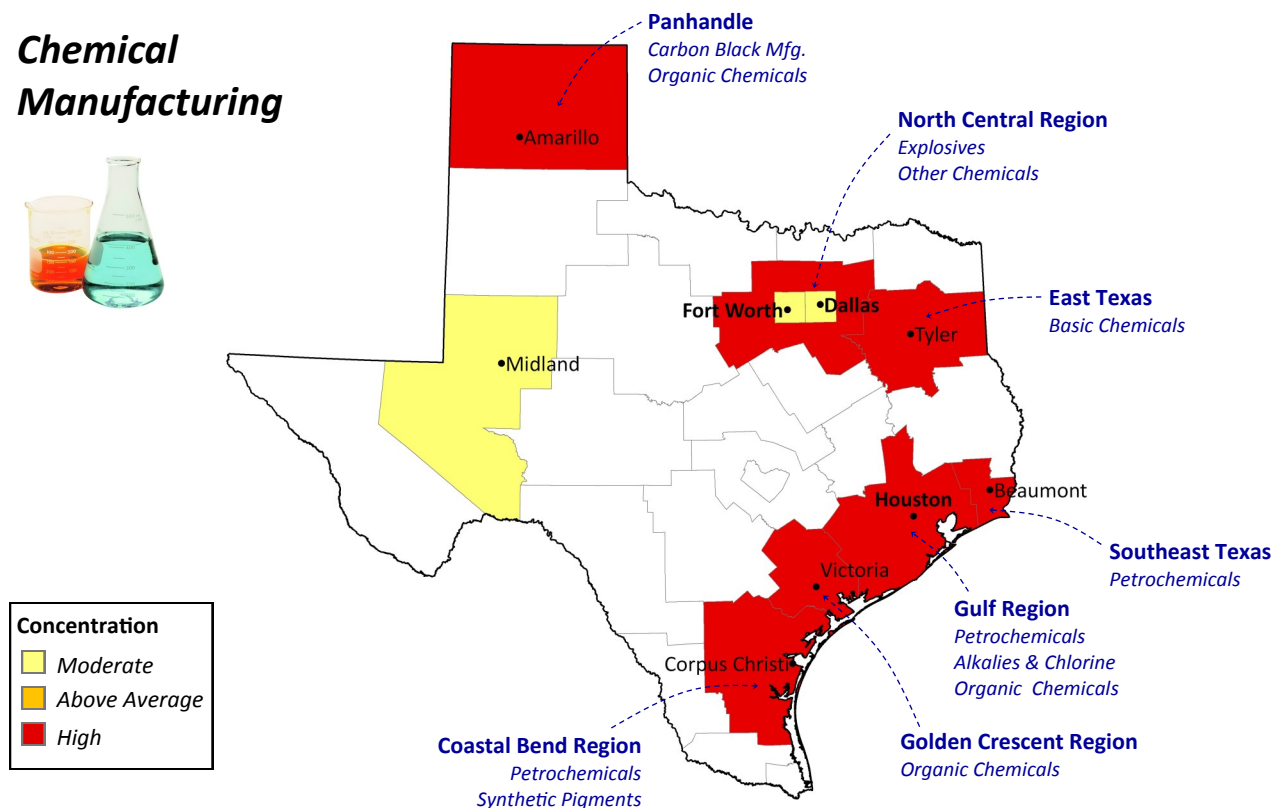


PETROLEUM & CHEMICAL PRODUCTS

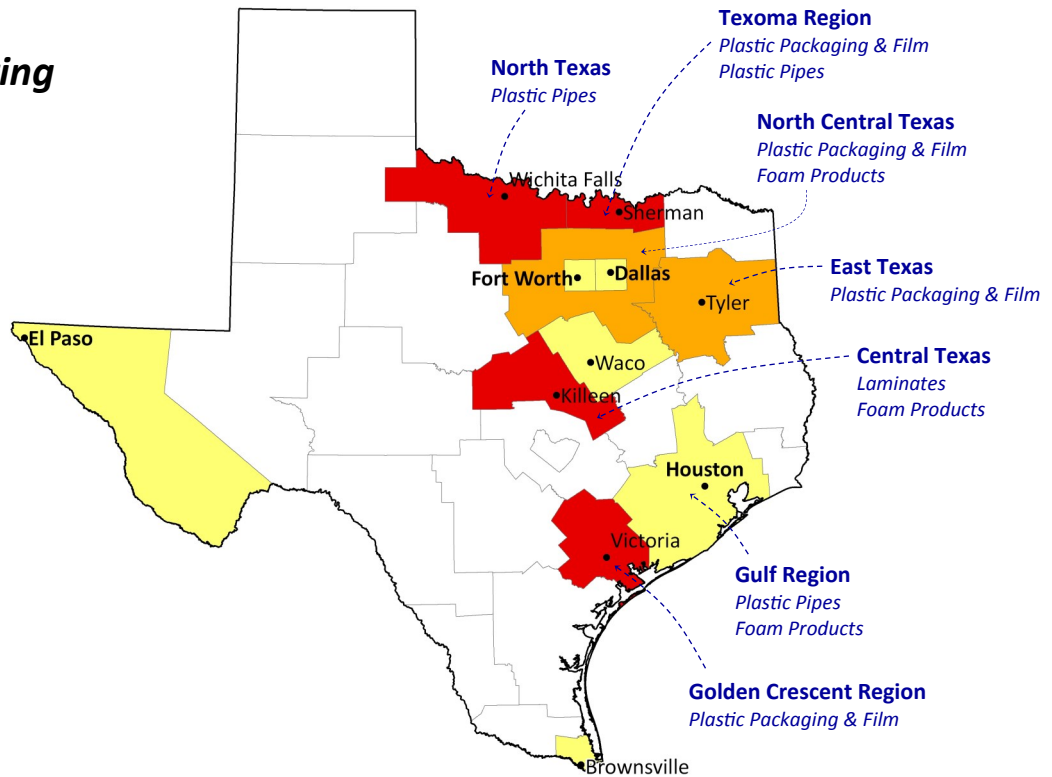
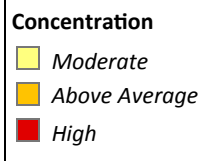
Petroleum Product Manufacturing



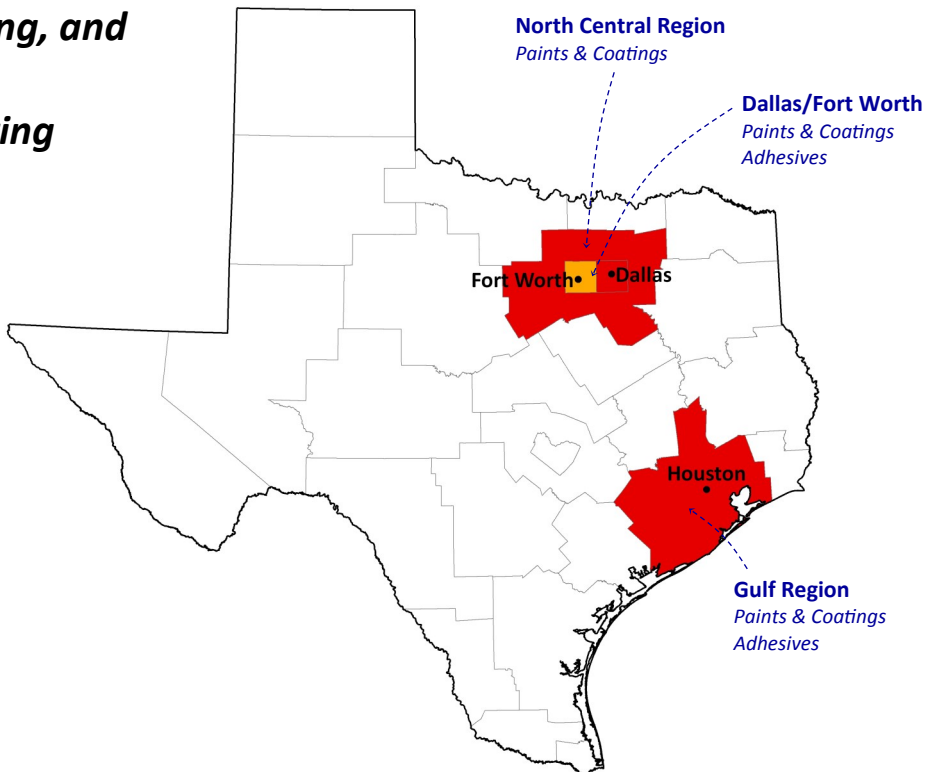
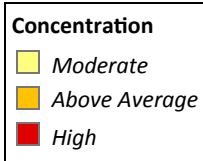
Chemical Manufacturing



Plastics Manufacturing

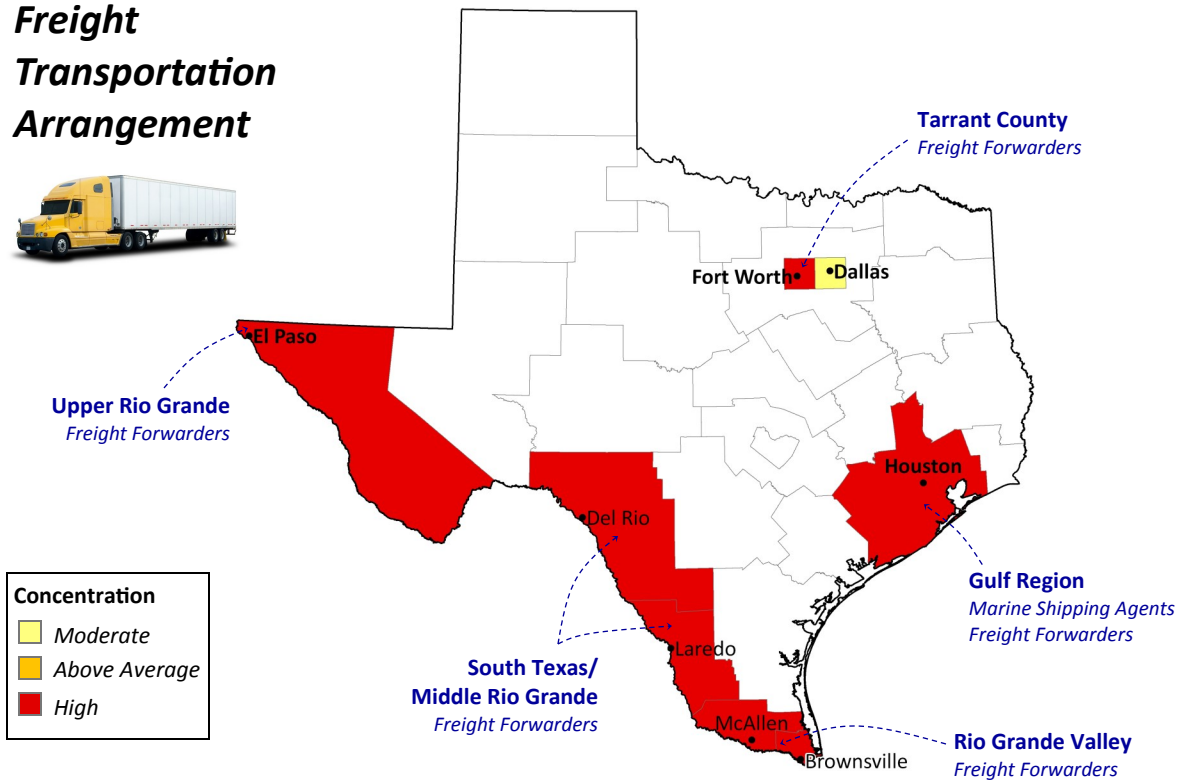


Paint, Coating, and Adhesive Manufacturing

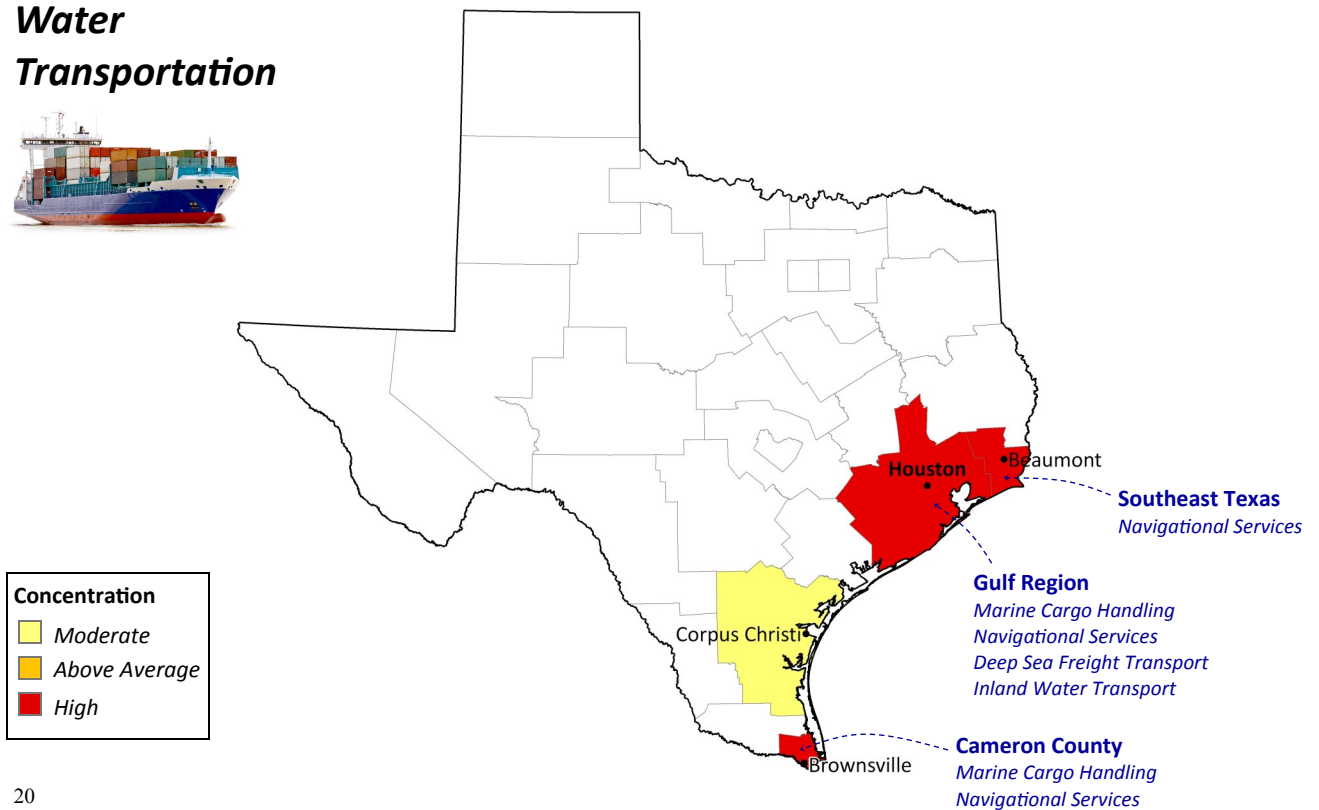


LOGISTICS & TRANSPORTATION

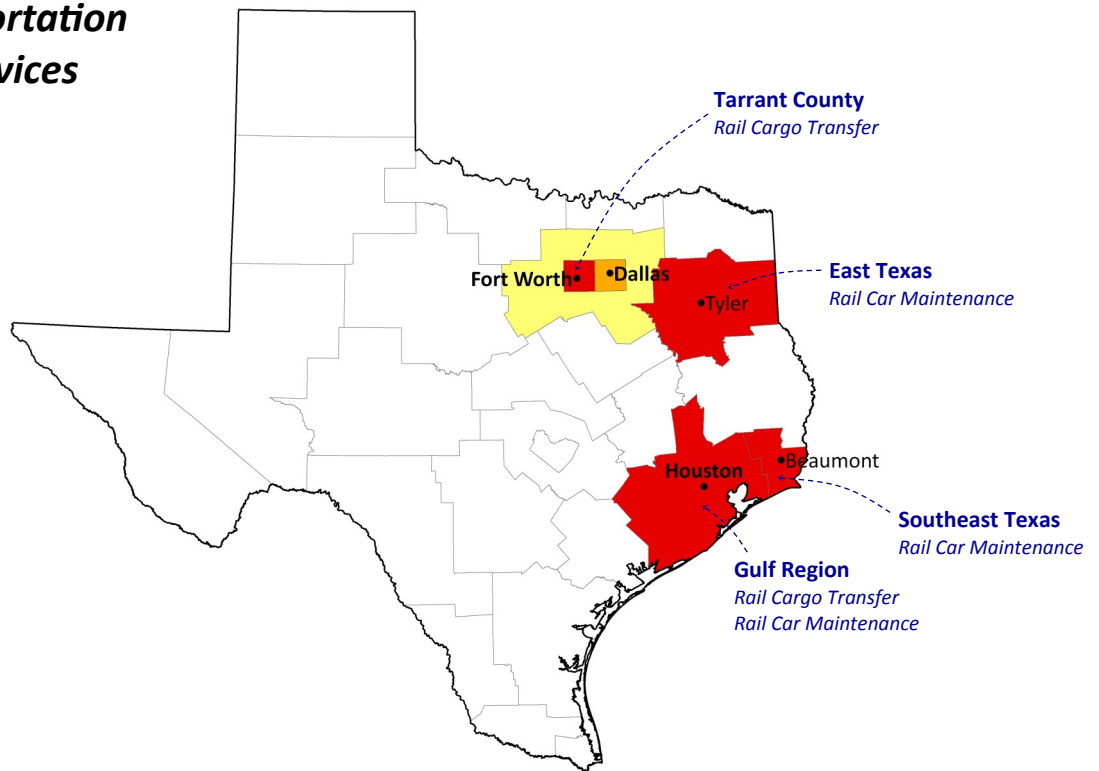
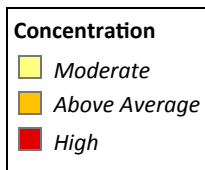
Freight Transportation Arrangement



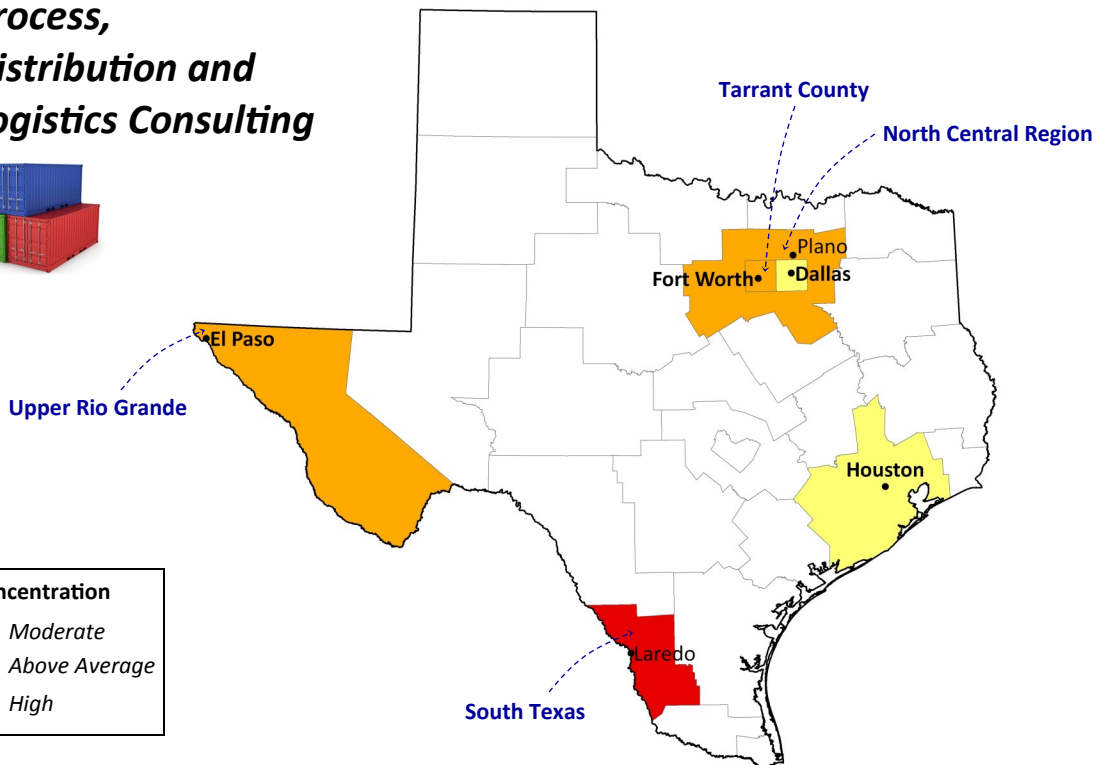
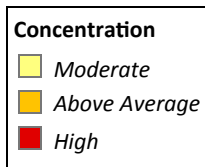
Water Transportation



Rail Transportation Support Services

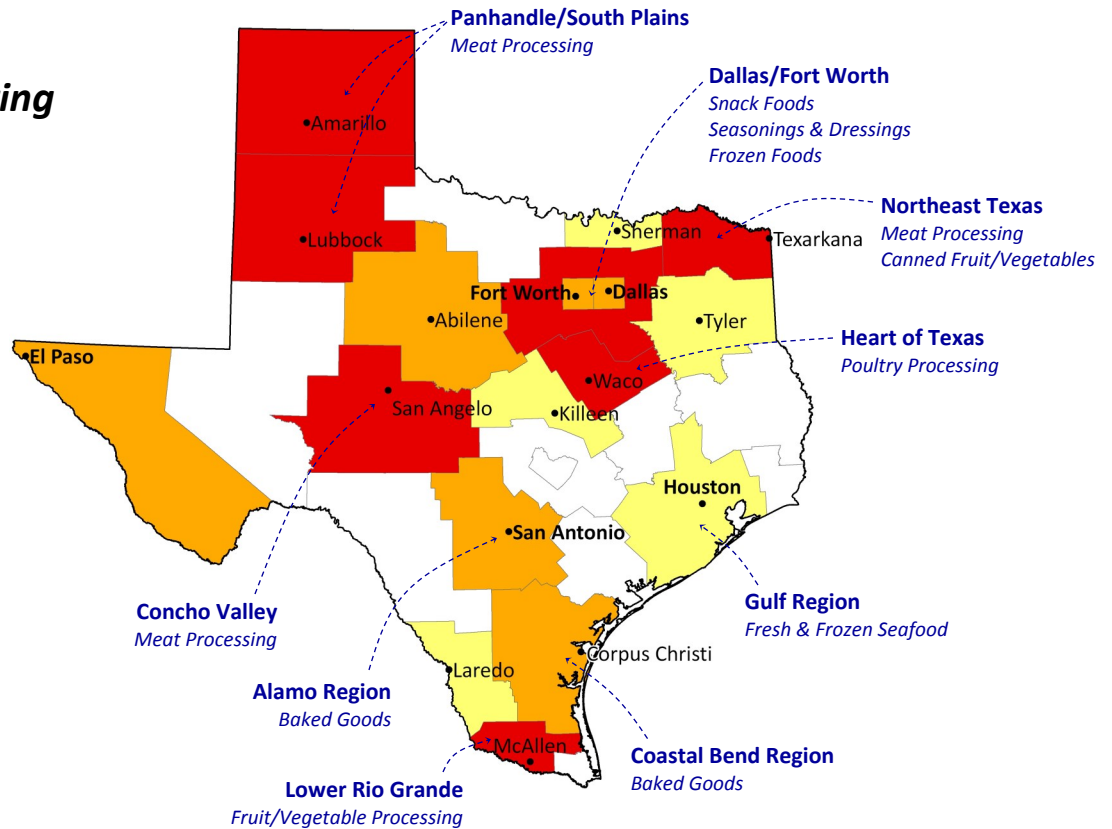
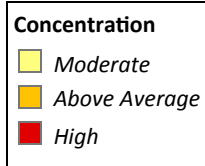


Process, Distribution and Logistics Consulting

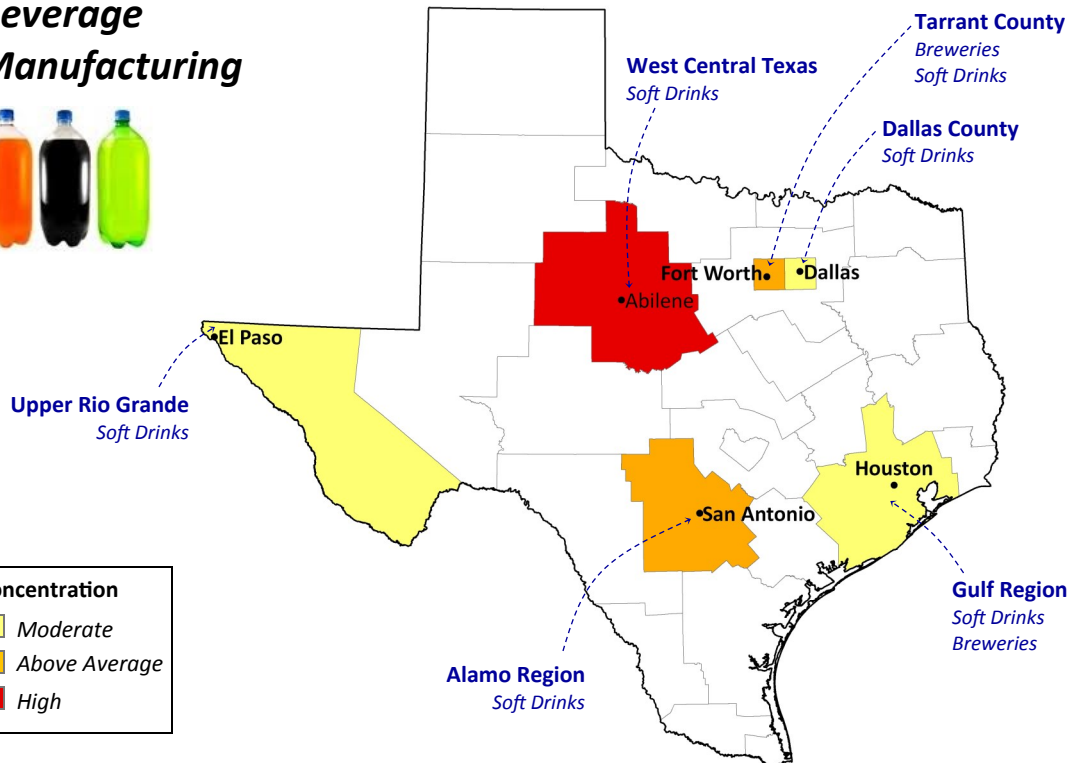
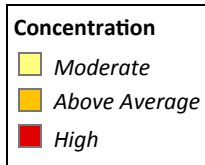


FOOD & BEVERAGE PROCESSING

Food Manufacturing



Beverage Manufacturing



Sources

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



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Economic Development & Tourism**

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