

Machinery Manufacturing

The machinery manufacturing industry (NAICS 333) comprises establishments that design, manufacture, and assemble machines to perform mechanical work. Subcategories in this industry include machinery for agriculture, construction, mining, industrial production, commercial & service industry, HVAC equipment, engine & power transmission equipment, and other general purpose machinery. Products include tractors, diggers, drills, turbines, pumps, conveyors, presses, and other machinery.



Texas Industry Totals

Firms	1,789
Employment	104,567
Average Annual Wage	\$72,436
Total Capital Investments	\$803 million
Value Added Per Employee	\$174,215
Value of Shipments	\$39.6 billion

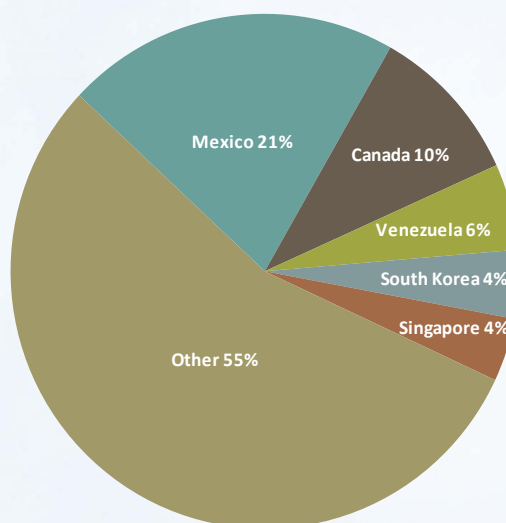
How Texas Ranks in the U.S.

All Employees	No. 2
Production Workers	No. 2
Value Added	No. 1
Value of Shipments	No. 1
Total Capital Investments	No. 2

Texas Exports

- Texas machinery exports in 2012 were valued at \$29.5 billion – up 7.1% from \$27.5 billion in 2011.
- In 2012, machinery manufacturing was Texas' second largest export sector.
- Top machinery products shipped from Texas ports include drilling equipment, gas turbines, combustion engines, and pumps for gases and liquids.

Top Export Markets



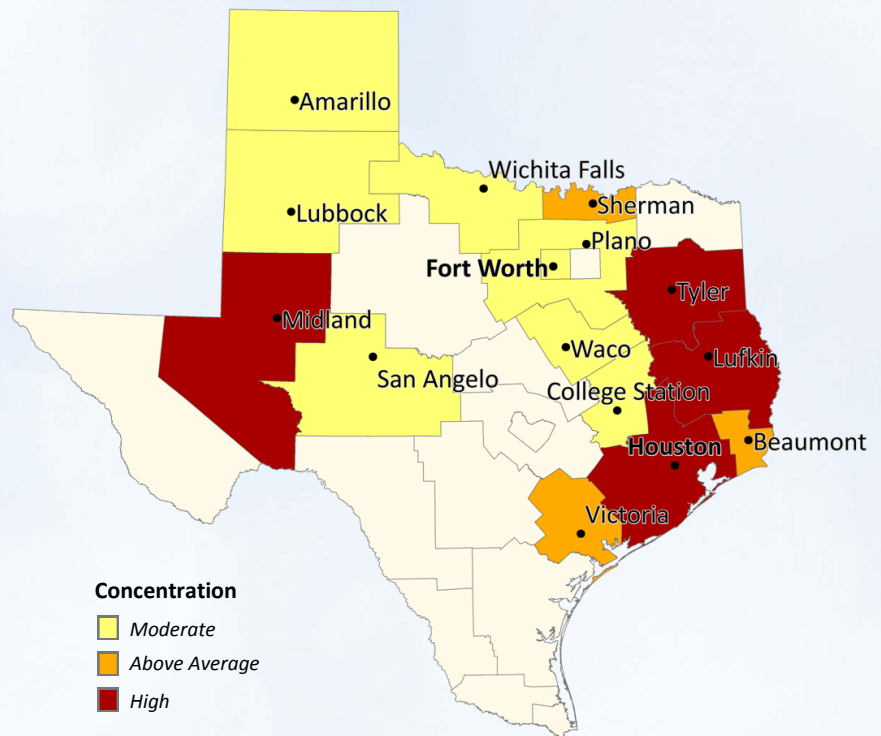
Sources: Texas Workforce Commission, U.S. Census Annual Survey of Manufactures, WISERTrade, Texas Manufacturers Register

Major Industry Employers in Texas

Company	Location(s)	Products
Halliburton	Houston, etc.	Oilfield equipment, tools & services
Schlumberger	Houston, etc.	Oilfield equipment, tools & services
Trane	Tyler	Air conditioning units & compressors
Lufkin Industries	Lufkin, etc.	Power transmissions, pumps & oilfield equipment
Alcoa Howmet	Wichita Falls	Blades, vanes, compressor rotors & nozzles
Caterpillar	Statewide	Construction & mining equipment

Regional Concentrations

The map at right identifies the state's Workforce Development regions with above-average specializations in machinery manufacturing. The highlighted regions are not the only areas in Texas where workers in this sector can be found, but rather represent areas with the greatest concentrations relative to the size of the local labor force. This industry is broadly distributed throughout the state in high concentrations.



Recent Industry Trends

- Texas machinery manufacturing employment increased by 6.3% between Q4 2011 and Q4 2012.
- In 2012, Illinois-based Caterpillar opened a hydraulic excavator assembly plant in Victoria, Texas, creating over 230 new jobs.
- In 2012, Weatherford Artificial Lift Systems began construction at a new manufacturing facility in Katy, Texas. The \$100 million plant will make pumps and other oil & gas production equipment.