

# Basic Chemicals Manufacturing

The basic chemical manufacturing industry (NAICS 3251) includes a variety of heavy manufacturing establishments that produce petrochemicals, industrial gases, inorganic chemicals, dyes & pigments, alcohol, and other basic chemicals. These chemicals are the building blocks of other more complex products, such as plastic, paint, fertilizer, and other synthetic products.



## Texas Industry Totals

Firms	234
Employment	33,938
Average Annual Wage	\$112,892
Total Capital Investments	\$2.9 billion
Value Added Per Employee	\$1.1 million
Value of Shipments	\$105 billion

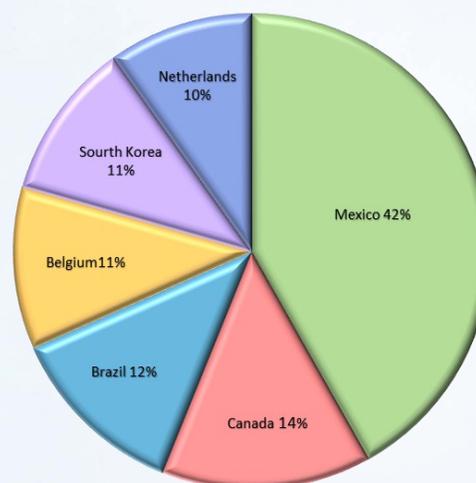
## How Texas Ranks in the U.S.

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

## Texas Exports

- Texas basic chemical products exports in 2014 were valued at \$24.9 billion .
- In 2014, basic chemicals manufacturing was Texas' 3rd largest export sector.
- Top basic chemicals shipped from Texas ports include cyclic hydrocarbons, acyclic ethers, and acrylonitrile.

## Top Export Markets



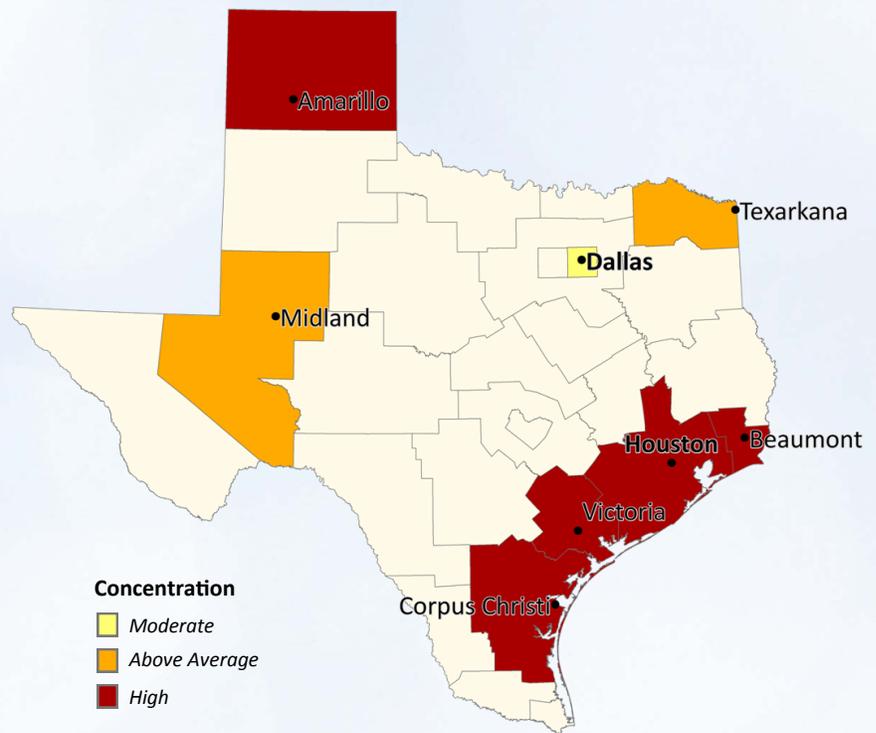
Sources: Texas Workforce Commission, U.S. Census Annual Survey of Manufactures, WISERTrade, Texas Manufacturers Register

## Major Industry Employers in Texas

Company	Location(s)	Products
ExxonMobil Chemical	Baytown, etc.	Petrochemicals
LyondellBasell Industries	Channelview, La Porte, etc.	Petrochemicals
The Dow Chemical Co.	Freeport	Petrochemicals, chlorine, & other basic chemicals
Air Liquide America L.P.	Houston, etc.	Industrial gases
BASF	Port Arthur, etc.	Petrochemicals & other chemicals
Chevron Phillips Chemical Co., LLC	Baytown, etc.	Petrochemicals

## Regional Concentrations

The map at right identifies the state's Workforce Development regions with above-average specializations in basic chemicals 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 highly concentrated along the Gulf Coast and in the Panhandle.



## Recent Industry Trends

- Texas basic chemicals industry employment increased 3.7% from Q3 2013 to Q3 2014.
- In April 2014, Chevron Phillips Chemical broke ground on its \$6 billion ethane cracker expansion in Baytown, Texas, which should create 400 new jobs. The facility's construction is underway and is scheduled to be completed in 2017.
- In August 2014, Natgasoline, a subsidiary of Netherlands-based OCI, announced it received regulatory approval for a \$1 billion expansion at its Beaumont-area chemical facility. The company expects the project to create 240 new jobs.