

PETROLEUM REFINING & CHEMICAL PRODUCTS

Petroleum Refining and Chemical Products is one of six industry clusters Gov. Perry identified in his long-term, strategic job creation plan announced in 2004. Each cluster was selected because of its powerful potential for future economic growth.

Texas leads the nation in petroleum refining and chemical products production, and is a global leader in the closely related petrochemical industry. Texas entered the global petroleum production and refining industry in 1901, when the Spindletop Oilfield began production with a gusher that made headlines around the world.

PETROLEUM REFINING

Texas' 26 refineries, including some of the nation's largest, can process more than 4.7 million barrels of crude oil per day. The ExxonMobil refinery in Baytown is the nation's top refinery for input capacity based on barrels per calendar day. Seven other Texas refineries are ranked in the top 20, all of which contribute to Texas accounting for 26.6 percent of the nation's oil refining capacity. Major Texas petroleum refining employers include ExxonMobil, ConocoPhillips, Valero, Marathon Oil, Tesoro, and Western Refining.

Top 5 States for On Shore U.S. Crude Oil Production & Reserves (in barrels)

State	2011 Monthly Production (in millions)	% of U.S.	2009 Proved Reserves (in billions)	% of U.S.
U.S.	169.24	-	20.68	-
Texas	46.29	27%	5.01	24%
Alaska	17.54	11%	3.57	17%
California	15.72	9%	2.84	14%
N. Dakota	13.80	8%	1.05	5%
Oklahoma	6.32	4%	.62	3%

Source: EIA

Houston, considered the energy capital of the nation and a world center for virtually every segment of the petroleum industry, is home to more than 3,700 energy-related establishments, including 16 of the nation's top 20 oil pipeline companies and a number of Fortune 500 energy companies. It is also the logistic control center for moving most of the nation's petroleum and natural gas.

CHEMICAL PRODUCTS

Texas chemical manufacturers account for more than 50 percent of the total U.S. chemical production, and approximately 50 percent of the nation's petrochemical production.

The cluster of over 400 chemical plants and refineries along the Texas Gulf Coast represents the largest petrochemical complex in the world, and employs approximately 33,000 Texans. The complex provides for the convenient and cost-effective transfer of the fuel and chemical products shared among plants, storage terminals, and transportation facilities by way of an extensive pipeline network called the "Spaghetti Bowl." The pipelines extend over thousands of miles, connecting approximately 200 chemical plants, refineries, salt domes, and fractionation plants. Houston alone accounts for over 40 percent of the nation's base petrochemicals manufacturing capacity.

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