

THE U.S. Energy DATABOOK

A summary of national and global energy indicators



NOVEMBER 14, 2025

FEDERAL RESERVE BANK *of* KANSAS CITY

SUMMARY OF CURRENT ENERGY CONDITIONS

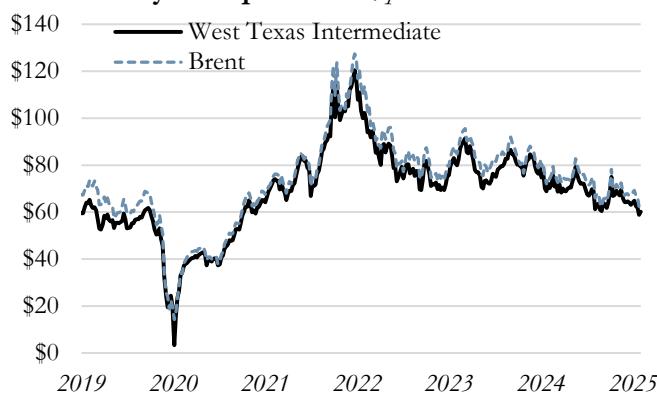
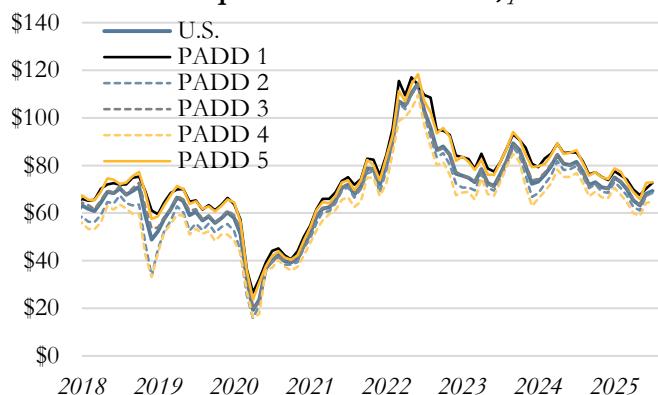
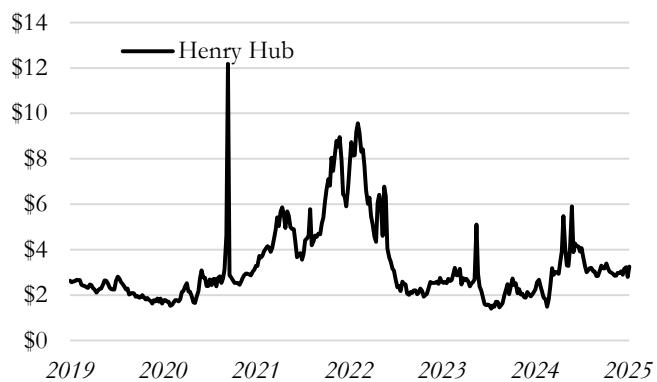
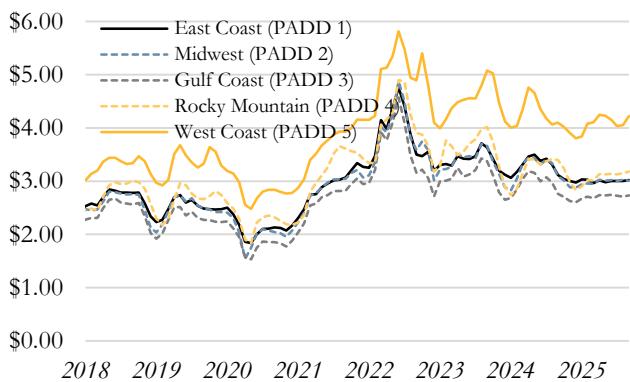
Since the last edition of the U.S. Energy Databook, activity in the energy sector was roughly unchanged. For the week ending September 26, West Texas Intermediate (WTI) crude oil averaged \$64.83 per barrel and North Sea Brent averaged \$69.22 per barrel, decreasing 2.9% and 1.1% respectively over the last quarter. The Henry Hub natural gas spot price averaged \$3.25 per million Btu for the week ending September 26, increasing 1.9% over the last three months. Over the last quarter, the total number of active drilling rigs in the United States increased by 0.4% but is 6.5% below year-ago levels. U.S. crude oil production rose by 2.6% compared to three months ago. U.S. crude oil and petroleum products exports rose by 5.1% in the last quarter and imports rose by 2.4%. Global demand for petroleum increased 0.7% and global petroleum production increased by 2.5%.

This databook provides current economic indicators to help monitor trends and allow comparison of past information. These indicators include: oil and natural gas prices; global petroleum production and demand; U.S. oil production and petroleum demand; U.S. crude oil stocks; OECD petroleum stocks; U.S. oil imports; U.S. oil exports; oil and gas drilling rig counts; and U.S. natural gas production. These indicators can be found on the following pages.



The Federal Reserve Bank of Kansas City's headquarters is located at 1 Memorial Drive in the heart of Kansas City, Missouri. The Federal Reserve Bank of Kansas City serves the Tenth Federal Reserve District, which includes Colorado, Kansas, western Missouri, Nebraska, northern New Mexico, Oklahoma and Wyoming. There are three branches across the Tenth Federal Reserve District located in Denver, Oklahoma City, and Omaha.

Weekly data through September 26, 2025

Weekly Oil Spot Prices, *per barrel*Refiner Acquisition Cost of Oil*, *per barrel*Weekly Natural Gas Spot Prices, *per mmbtu*Monthly Gasoline Prices by PADD, *per gallon*Weekly Spot Prices, *Change from*

Weekly Spot Prices	Current	1 Week Ago	1 Month Ago	3 Months Ago	6 Months Ago	1 Year Ago
	9/26/25					
West Texas Intermediate	\$64.83	\$0.85	\$0.31	-\$1.95	-\$4.98	-\$5.39
Brent	\$69.22	\$0.89	\$1.45	-\$0.74	-\$5.13	-\$4.85
Henry Hub	\$3.25	\$0.45	\$0.35	\$0.06	\$0.25	\$1.37

Monthly Gasoline Spot Prices, *Change from*

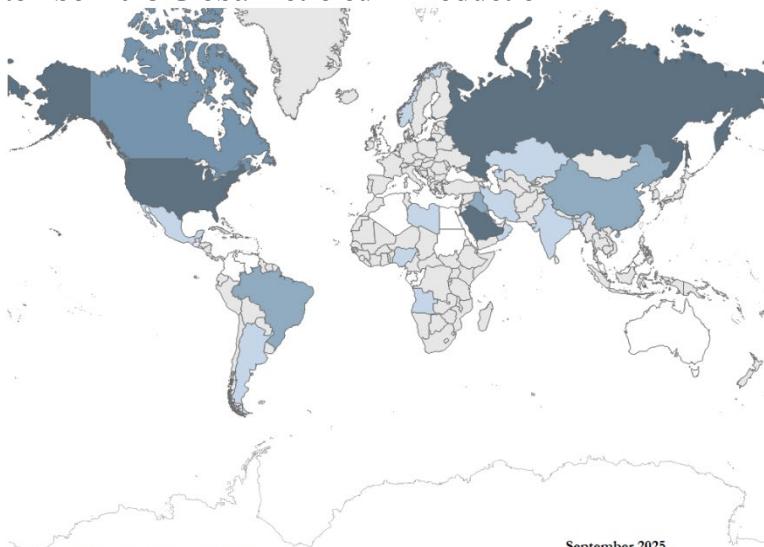
Geographic Area	Current	1 Month Ago	3 Months Ago	6 Months Ago	1 Year Ago
	Sep-25				
East Coast (PADD 1)	\$3.02	\$0.02	\$0.02	\$0.06	-\$0.09
Midwest (PADD 2)	\$3.01	-\$0.02	-\$0.01	\$0.06	-\$0.08
Gulf Coast (PADD 3)	\$2.73	\$0.02	-\$0.02	\$0.05	-\$0.03
Rocky Mountain (PADD 4)	\$3.18	\$0.03	\$0.04	\$0.16	-\$0.22
West Coast (PADD 5)	\$4.23	\$0.17	\$0.07	\$0.12	\$0.13

*The cost of crude oil, including transportation and other fees paid by the refiner.

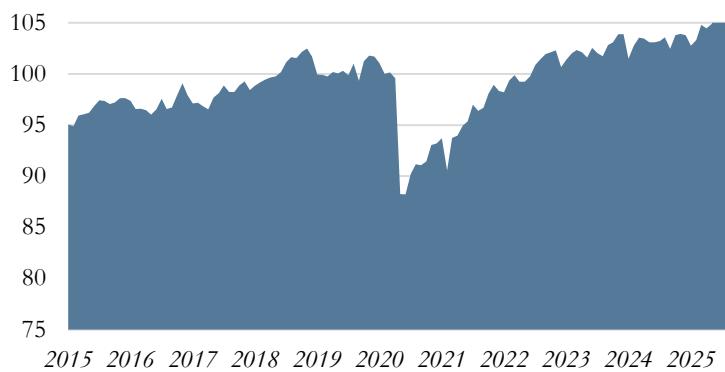
Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

September 2025 Global Petroleum Production

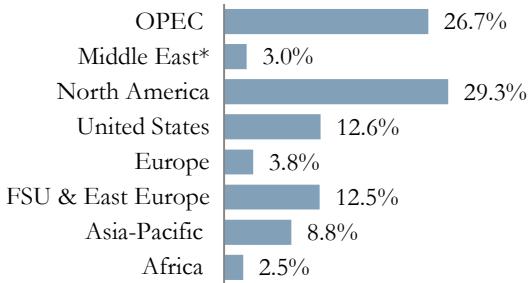
Million barrels per day



Monthly Global Petroleum Production, million barrels per day

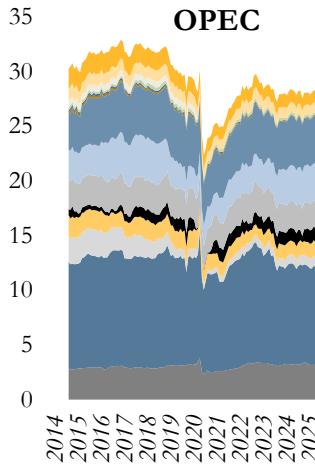


Regional Share of Production



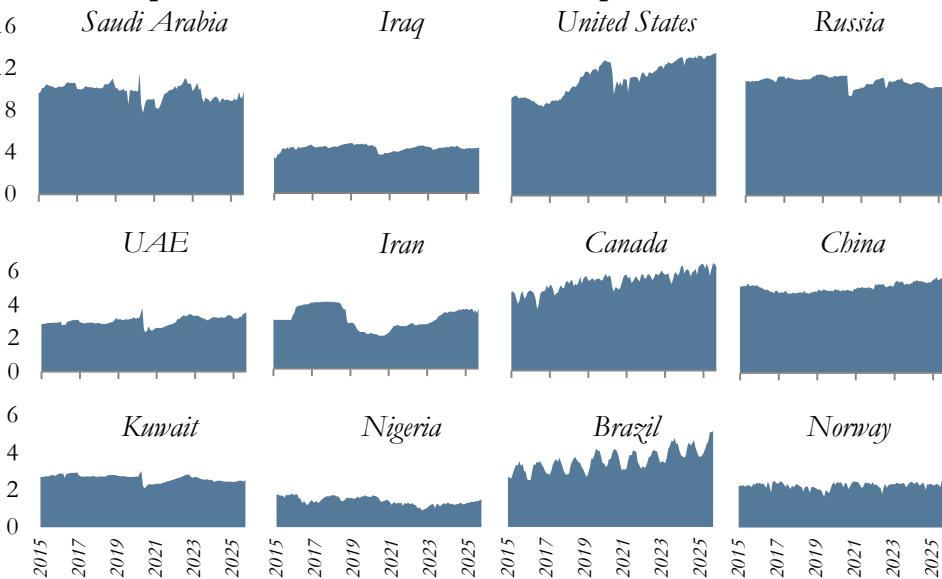
*Excludes OPEC

Top Crude Oil Producers, million barrels per day



- Angola
- Ecuador
- Equatorial Guinea
- Iraq
- Kuwait
- Nigeria
- Saudi Arabia
- Algeria
- Congo
- Gabon
- Iran
- Libya
- Venezuela
- UAE

Top OPEC Producers

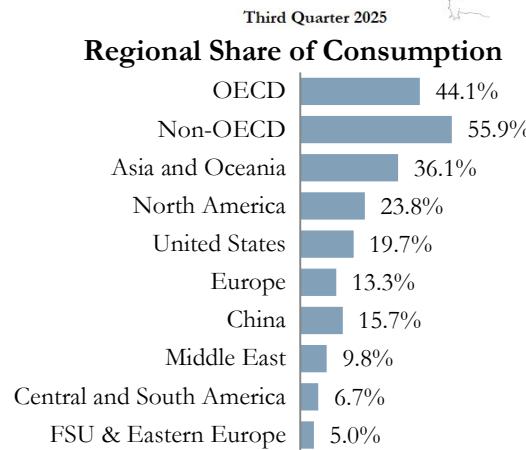
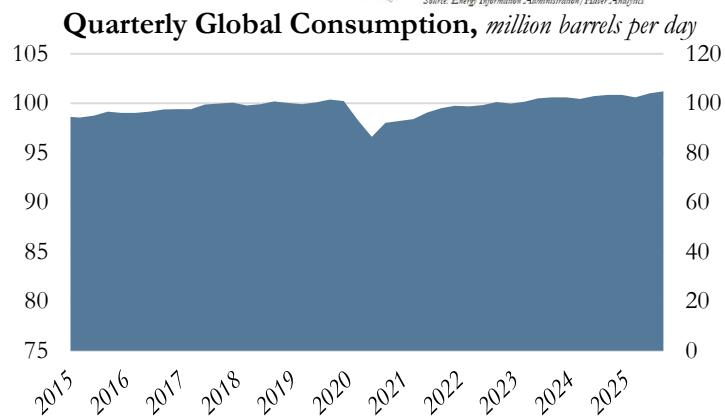
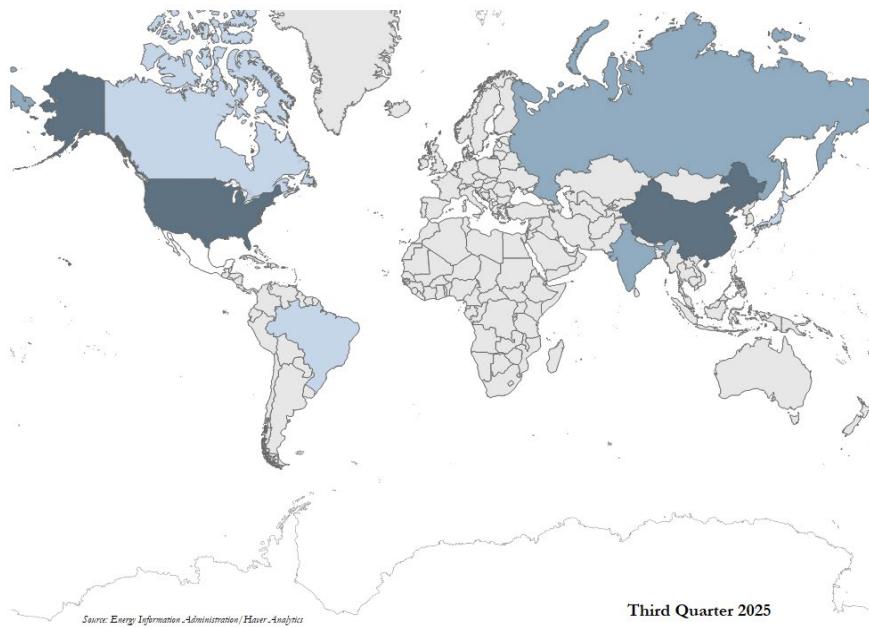


Note: OPEC country production values are for crude oil and non-OPEC country data is for petroleum production.

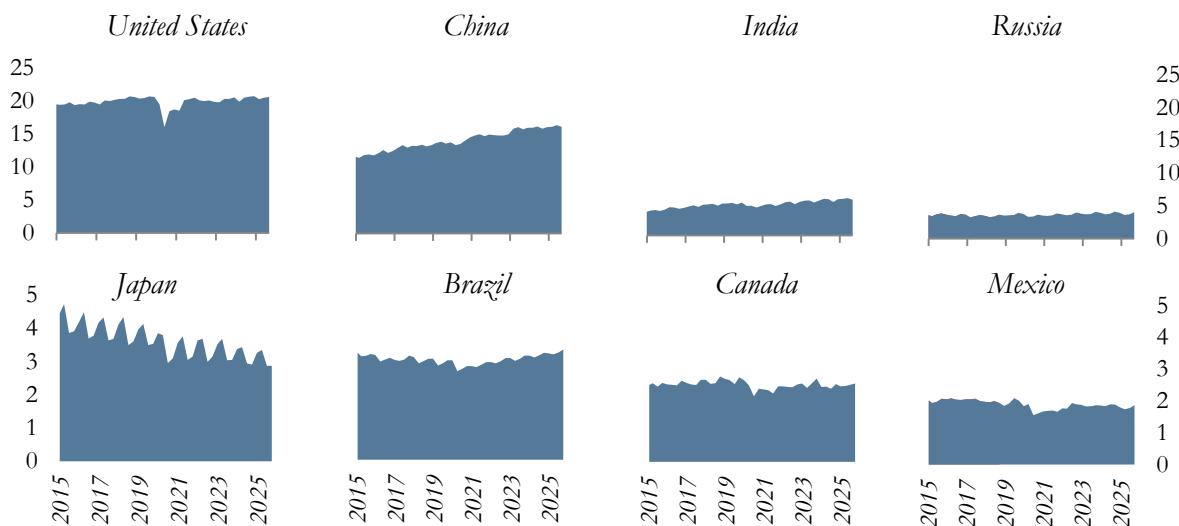
Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

Third Quarter 2025 Global Petroleum Consumption

Million barrels per day

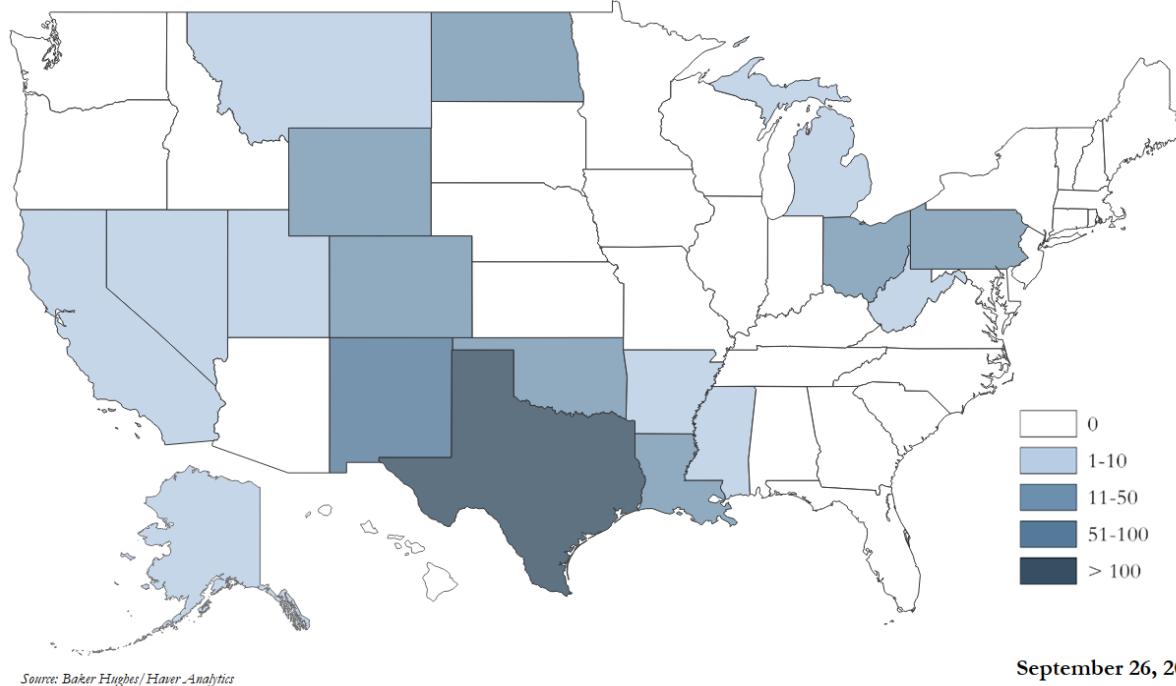


Top Petroleum Consumers, million barrels per day



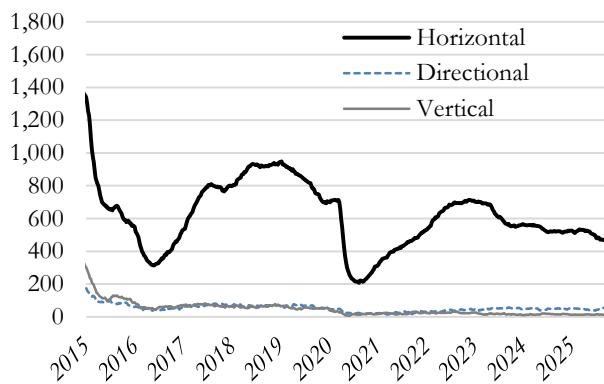
Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

September 2025 Weekly Active Oil & Gas Drilling Rig Counts

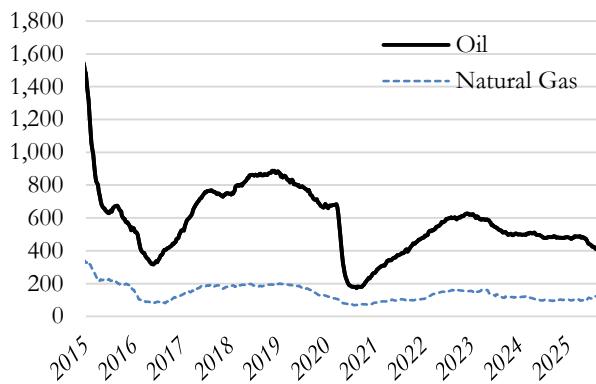


September 26, 2025

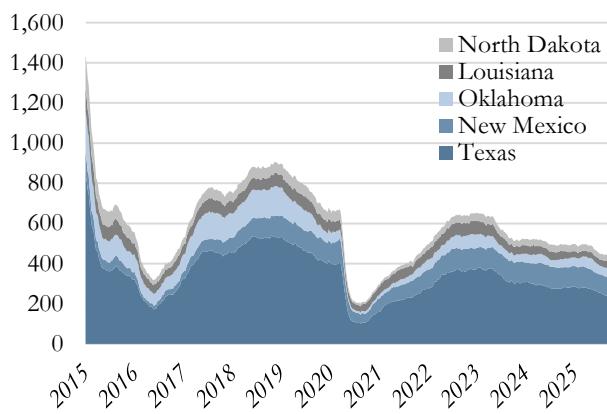
U.S. Active Drilling Rigs by Trajectory



U.S. Active Drilling Rigs by Type



Top Five States for Drilling Activity (Total Active Rigs)



Rig Count By Type

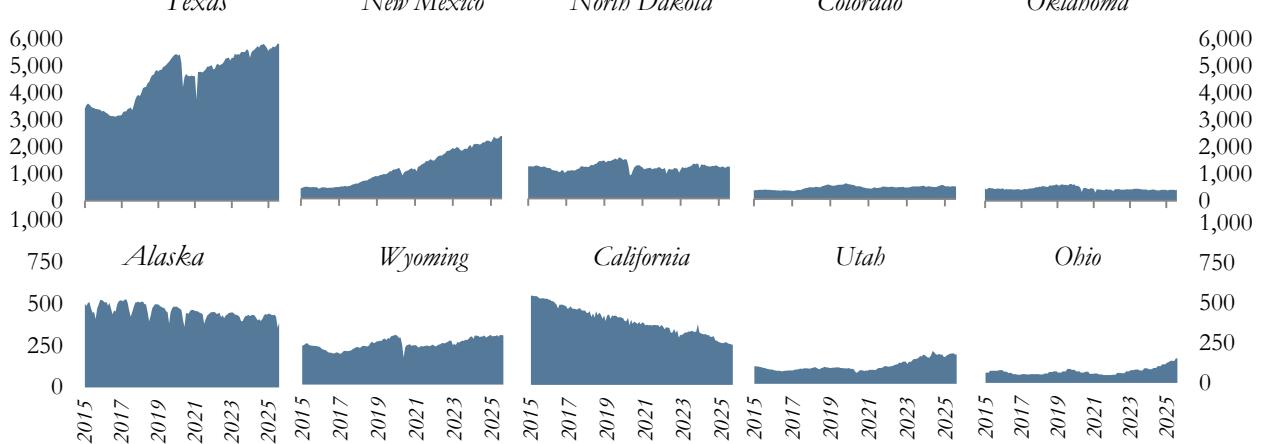
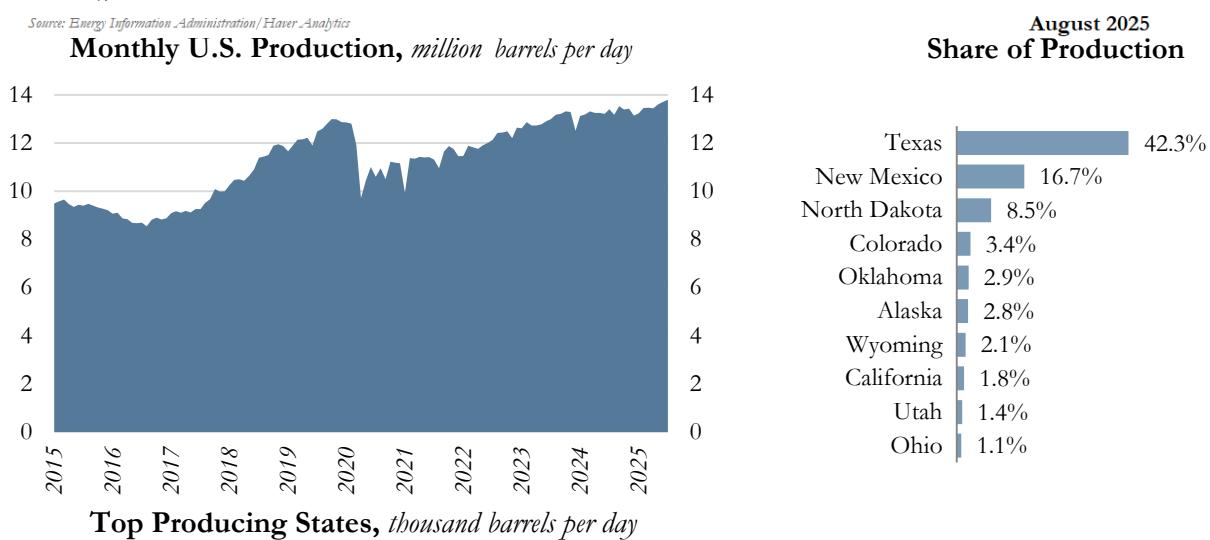
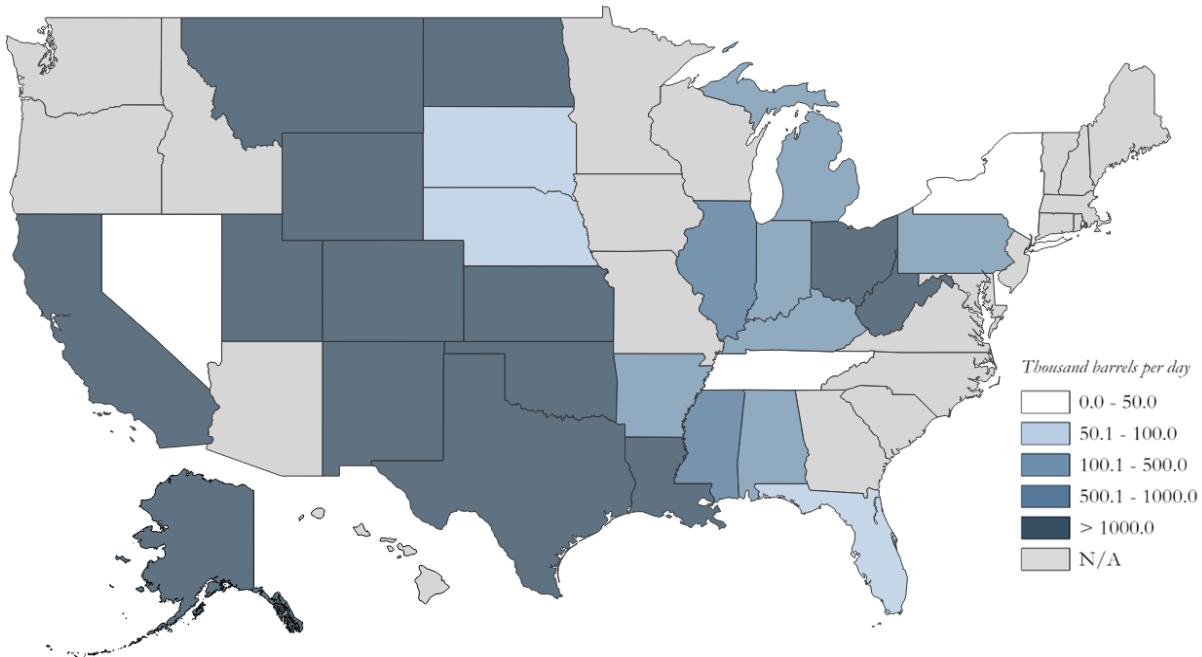
Rig Type	Current Week	1 Month Ago	3 Months Ago	1 Year Ago
Oil	424	412	432	484
Gas	117	119	109	99
Misc	8	5	6	4
Total	549	536	547	587

Rig Count By Type, Change from

Rig Type	Current Week	1 Month Ago	3 Months Ago	1 Year Ago
Oil	-	2.9%	-1.9%	-12.4%
Gas	-	-1.7%	7.3%	18.2%
Misc	-	60.0%	33.3%	100.0%
Total	-	2.4%	0.4%	-6.5%

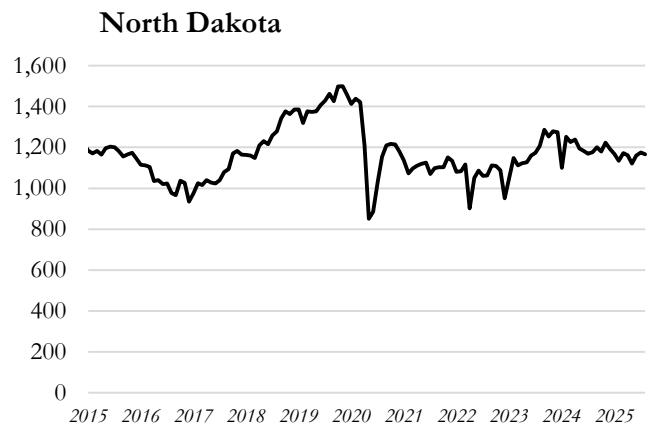
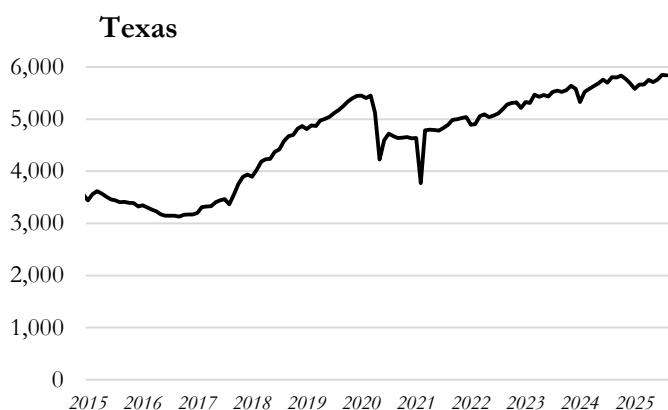
Source: Baker Hughes/Haver Analytics

August 2025 U.S. Crude Oil Production



Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

Data through August 2025



United States	Change
Thousand barrels per day	from
Aug-25	13,794
Month Ago	13,708
3 Months Ago	13,447
6 Months Ago	13,240
1 Year Ago	13,411

Texas	Change
Thousand barrels per day	from
Aug-25	5,840
Month Ago	5,849
3 Months Ago	5,711
6 Months Ago	5,665
1 Year Ago	5,805

Share of U.S. Production 42.3%

New Mexico	Change
Thousand barrels per day	from
Aug-25	2,297
Month Ago	2,284
3 Months Ago	2,197
6 Months Ago	2,156
1 Year Ago	2,068

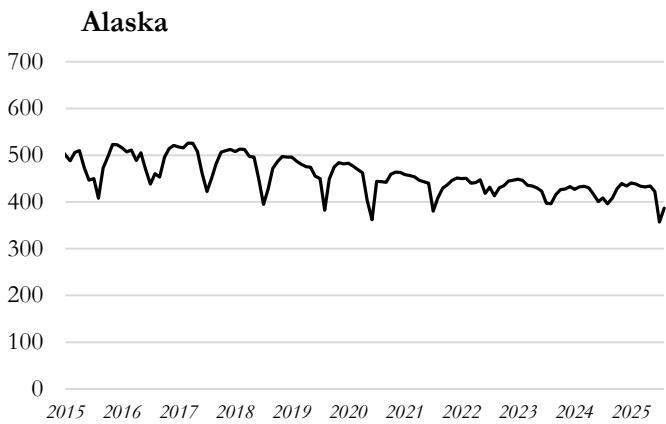
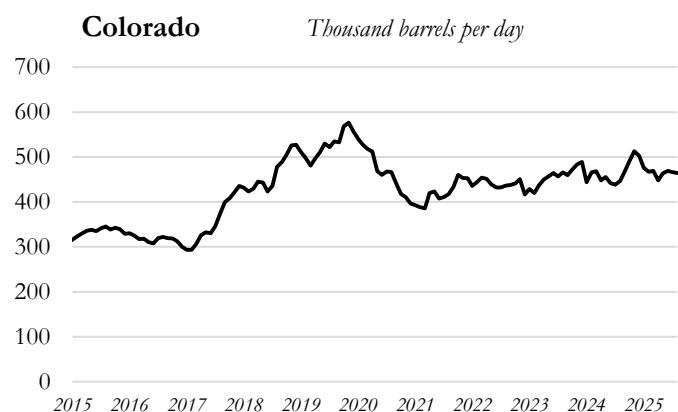
Share of U.S. Production 16.7%

North Dakota	Change
Thousand barrels per day	from
Aug-25	1,167
Month Ago	1,176
3 Months Ago	1,121
6 Months Ago	1,135
1 Year Ago	1,177

Share of U.S. Production 8.5%

Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

Data through August 2025



Colorado	Change
Thousand barrels per day	from
Aug-25	465
Month Ago	466 -0.4%
3 Months Ago	463 0.3%
6 Months Ago	467 -0.5%
1 Year Ago	447 4.0%
Share of U.S. Production	3.4%

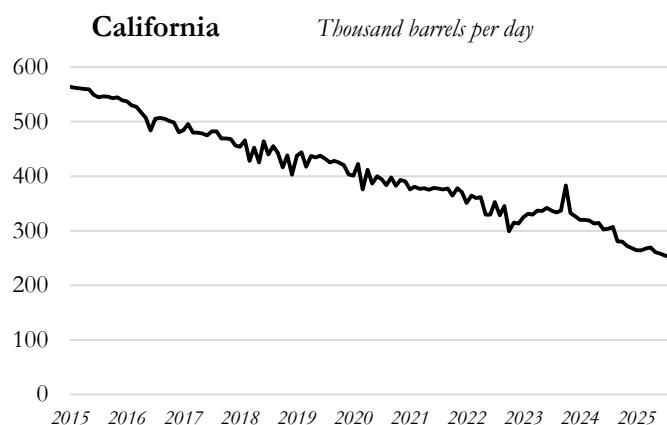
Oklahoma	Change
Thousand barrels per day	from
Aug-25	401
Month Ago	395 1.4%
3 Months Ago	407 -1.4%
6 Months Ago	380 5.4%
1 Year Ago	387 3.6%
Share of U.S. Production	2.9%

Alaska	Change
Thousand barrels per day	from
Aug-25	387
Month Ago	357 8.3%
3 Months Ago	434 -10.9%
6 Months Ago	438 -11.8%
1 Year Ago	396 -2.4%
Share of U.S. Production	2.8%

Wyoming	Change
Thousand barrels per day	from
Aug-25	296
Month Ago	299 -0.8%
3 Months Ago	290 2.2%
6 Months Ago	293 1.1%
1 Year Ago	297 -0.2%
Share of U.S. Production	2.1%

Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

Data through August 2025

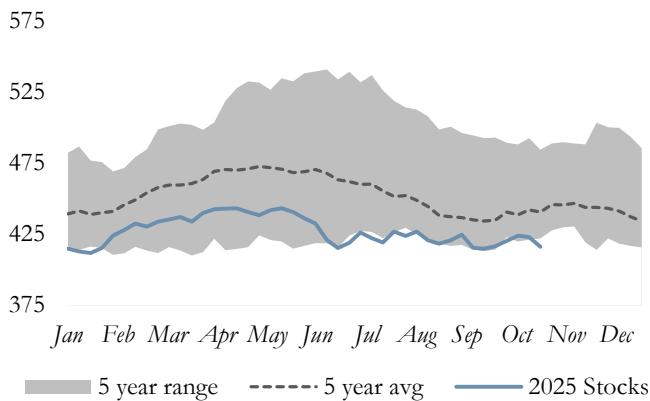
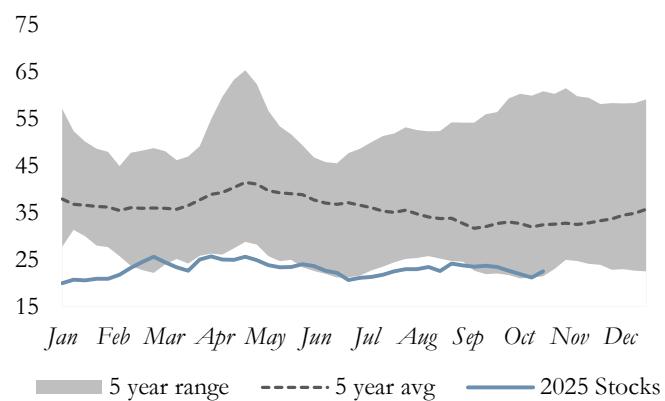
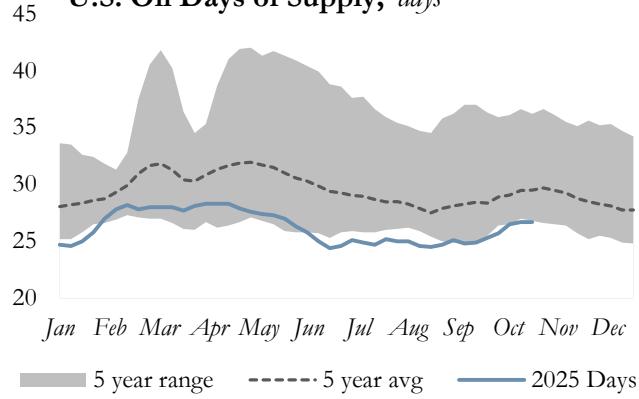


California	Change
Thousand barrels per day	from
Aug-25	253
Month Ago	255 -0.9%
3 Months Ago	261 -3.1%
6 Months Ago	264 -4.3%
1 Year Ago	307 -17.7%
Share of U.S. Production	1.8%

Utah	Change
Thousand barrels per day	from
Aug-25	187
Month Ago	187 -0.2%
3 Months Ago	193 -3.2%
6 Months Ago	182 2.8%
1 Year Ago	184 1.6%
Share of U.S. Production	1.4%

Ohio	Change
Thousand barrels per day	from
Aug-25	155
Month Ago	152 1.5%
3 Months Ago	138 12.4%
6 Months Ago	131 18.4%
1 Year Ago	105 47.5%
Share of U.S. Production	1.1%

September 2025 Weekly U.S. Crude Oil Stocks

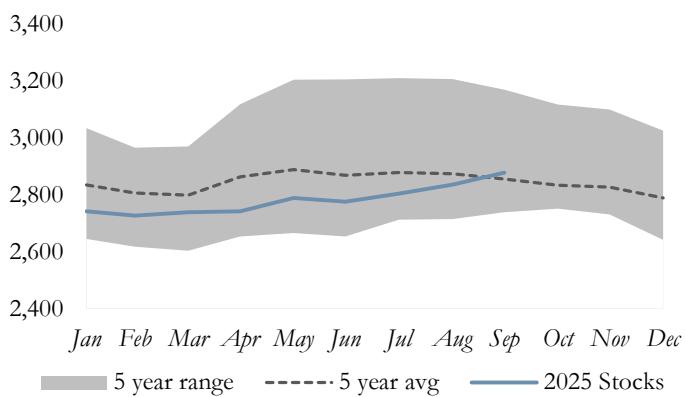
U.S. Oil Stocks, *million barrels**Cushing, OK Oil Stocks, *million barrels*U.S. Oil Days of Supply, *days*

Crude Oil Stocks

	1 Week Ago	1 Year Ago
U.S.	0.4%	-0.1%
Cushing, OK	-1.1%	-0.8%
Days of Supply	1.6%	-0.8%
East Coast (PADD 1)	-12.4%	-19.6%
Midwest (PADD 2)	-1.6%	-1.8%
Gulf Coast (PADD 3)	1.7%	0.6%
Rocky Mountain (PADD 4)	0.4%	1.0%
West Coast (PADD 5)	0.7%	3.6%

*Stocks include those domestic and Customs-cleared foreign stocks held at, or in transit to, refineries and bulk terminals, and stocks in pipelines.

September 2025 OECD Commercial Petroleum Inventory

OECD Commercial Petroleum Inventory, *million barrels*

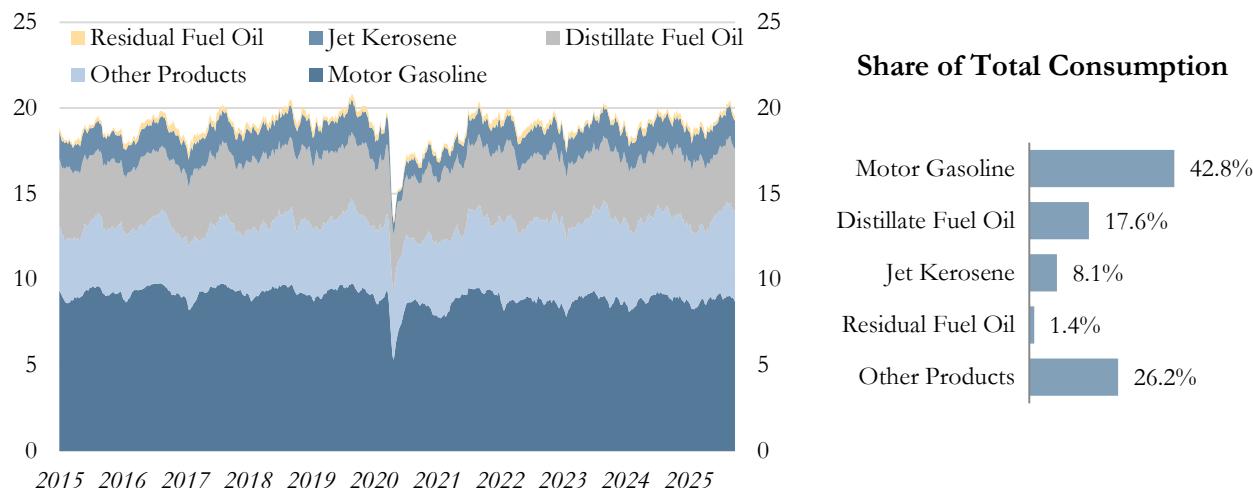
Petroleum Stocks

Million Barrels	Change from
Current Month	2,878
1 Month Ago	2,837
3 Months Ago	2,776
6 Months Ago	2,739
1 Year Ago	2,794

September 2025 Weekly U.S. Demand for Petroleum Products

4-Week Averages

All Petroleum Products, million barrels per day



U.S. Consumption by Product & Percent Change

U.S. Consumption by Product, thousand barrels per day

	Current 9/26/25	1 Month Ago	3 Months Ago	6 Months Ago	1 Year Ago
All Products	20,344	21,282	20,288	20,094	20,102
Motor Gasoline	8,699	9,050	9,199	8,784	8,745
Distillate Fuel Oil	3,588	3,894	3,740	3,806	3,754
Jet Kerosene	1,654	1,790	1,771	1,684	1,710
Residual Fuel Oil	289	297	227	354	294
Other Products	5,327	5,452	4,782	4,261	4,690

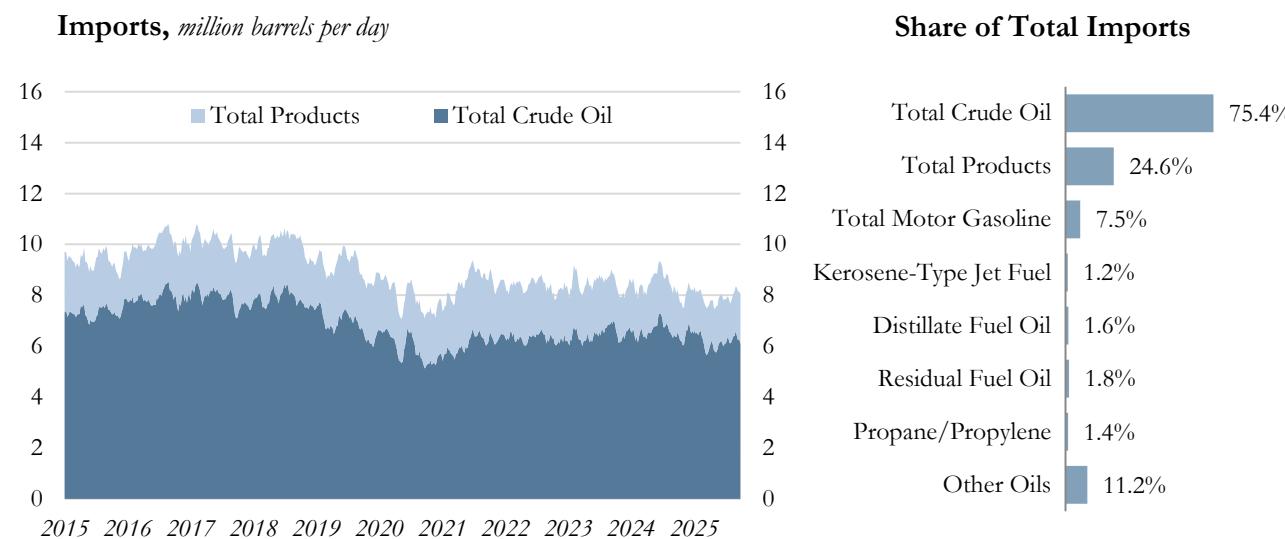
U.S. Consumption by Product, Change from

	Current 9/26/25	1 Month Ago	3 Months Ago	6 Months Ago	1 Year Ago
All Products	-	-4.4%	0.3%	1.2%	1.2%
Motor Gasoline	-	-3.9%	-5.4%	-1.0%	-0.5%
Distillate Fuel Oil	-	-7.9%	-4.1%	-5.7%	-4.4%
Jet Kerosene	-	-7.6%	-6.6%	-1.8%	-3.3%
Residual Fuel Oil	-	-2.7%	27.3%	-18.4%	-1.7%
Other Products	-	-2.3%	11.4%	25.0%	13.6%

Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

September 2025 Weekly U.S. Imports of Crude Oil & Petroleum Products

4-Week Averages



U.S. Imports by Product*

	Thousand barrels per day				
	Current 9/26/25	1 Month Ago	3 Months Ago	6 Months Ago	1 Year Ago
Total Crude Oil	6,073	6,598	6,136	5,879	6,568
Total Products	1,982	1,765	1,734	1,752	1,653
<i>Total Motor Gasoline</i>	606	659	947	643	599
<i>Kerosene-Type Jet Fuel</i>	96	63	78	126	61
<i>Distillate Fuel Oil</i>	125	117	112	194	159
<i>Residual Fuel Oil</i>	144	112	68	93	107
<i>Propane/Propylene</i>	111	82	76	136	95
<i>Other Oils</i>	900	732	453	559	632
Total Imports	8,055	8,363	7,870	7,631	8,221

U.S. Imports by Product, Change from

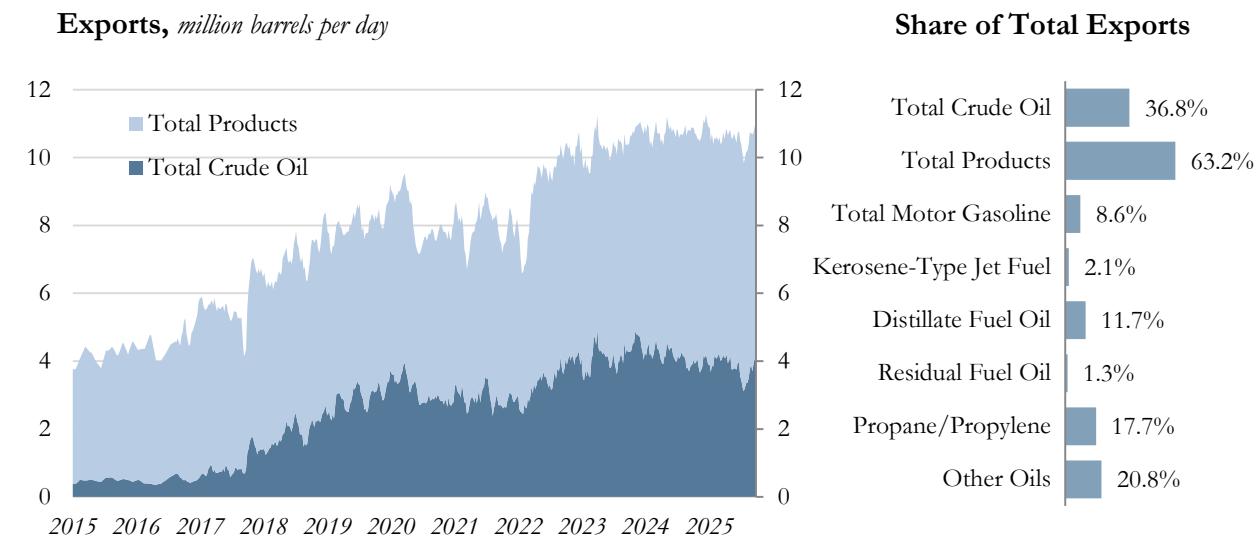
	Current 9/26/25	1 Month Ago	3 Months Ago	6 Months Ago	1 Year Ago
Total Crude Oil	-	-8.0%	-1.0%	3.3%	-7.5%
Total Products	-	12.3%	14.3%	13.1%	19.9%
<i>Total Motor Gasoline</i>	-	-8.0%	-36.0%	-5.8%	1.2%
<i>Kerosene-Type Jet Fuel</i>	-	52.4%	23.1%	-23.8%	57.4%
<i>Distillate Fuel Oil</i>	-	6.8%	11.6%	-35.6%	-21.4%
<i>Residual Fuel Oil</i>	-	28.6%	111.8%	54.8%	34.6%
<i>Propane/Propylene</i>	-	35.4%	46.1%	-18.4%	16.8%
<i>Other Oils</i>	-	23.0%	98.7%	61.0%	42.4%
Total Imports	-	-3.7%	2.4%	5.6%	-2.0%

*Totals may not sum due to component rounding

Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

September 2025 Weekly U.S. Exports of Crude Oil & Petroleum Products

4-Week Averages



U.S. Exports by Product*

	Current 9/26/25	Thousand barrels per day				
		1 Month Ago	3 Months Ago	6 Months Ago	1 Year Ago	
Total Crude Oil	4,064	3,911	3,556	4,106	3,917	
Total Products	6,969	6,818	6,937	6,440	6,957	
<i>Total Motor Gasoline</i>	946	885	801	813	871	
<i>Kerosene-Type Jet Fuel</i>	232	220	221	243	215	
<i>Distillate Fuel Oil</i>	1,295	1,352	1,439	1,116	1,433	
<i>Residual Fuel Oil</i>	145	121	172	80	133	
<i>Propane/Propylene</i>	1,948	1,726	1,858	1,832	1,801	
<i>Other Oils</i>	2,297	2,389	2,308	2,233	2,376	
Total Exports	11,033	10,729	10,493	10,546	10,875	

U.S. Exports by Product, Change from

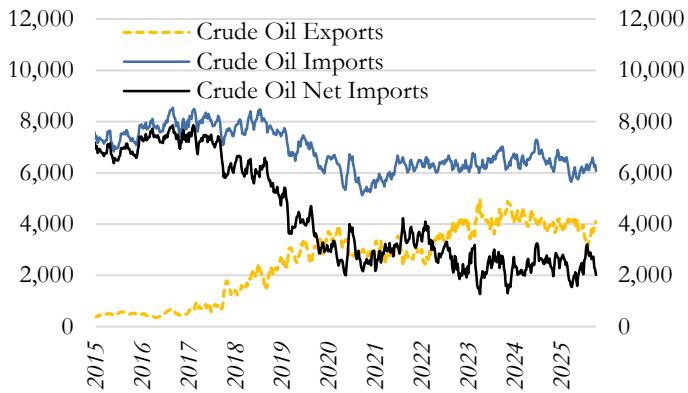
	Current 9/26/25	1 Month Ago	3 Months Ago	6 Months Ago	1 Year Ago
Total Crude Oil	-	3.9%	14.3%	-1.0%	3.8%
Total Products	-	2.2%	0.5%	8.2%	0.2%
<i>Total Motor Gasoline</i>	-	6.9%	18.1%	16.4%	8.6%
<i>Kerosene-Type Jet Fuel</i>	-	5.5%	5.0%	-4.5%	7.9%
<i>Distillate Fuel Oil</i>	-	-4.2%	-10.0%	16.0%	-9.6%
<i>Residual Fuel Oil</i>	-	19.8%	-15.7%	81.3%	9.0%
<i>Propane/Propylene</i>	-	12.9%	4.8%	6.3%	8.2%
<i>Other Oils</i>	-	-3.9%	-0.5%	2.9%	-3.3%
Total Exports	-	2.8%	5.1%	4.6%	1.5%

*Totals may not sum due to rounding

Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

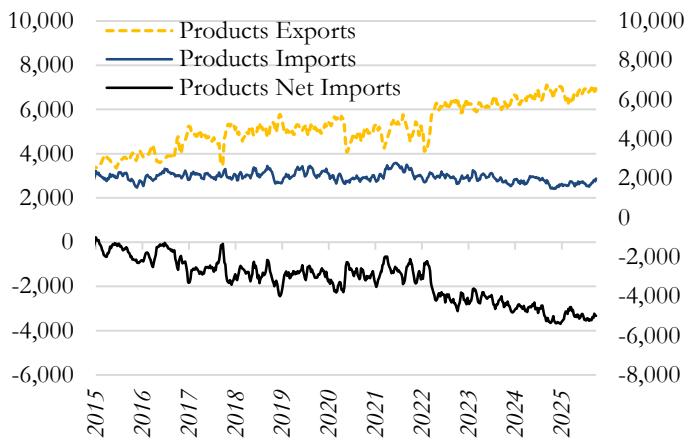
September 2025 Weekly U.S. Net Imports of Crude Oil & Petroleum Products
4-Week Averages, Thousand barrels per day

Crude Oil Net Imports



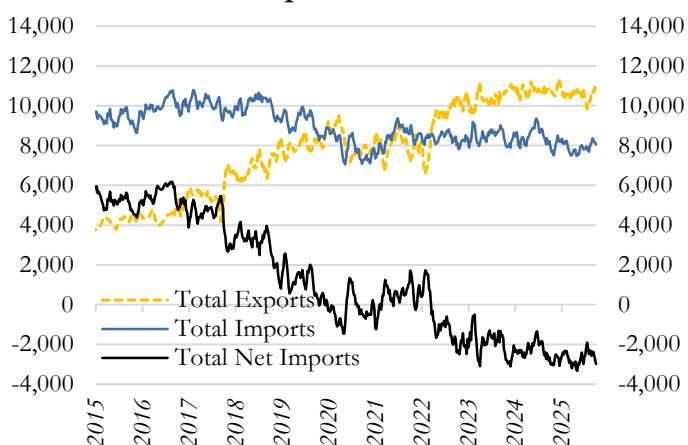
Crude Oil Net Imports	Change
Thousand barrels per day	from
9/26/25	2,009
Month Ago	2,688 -25.3%
3 Months Ago	2,580 -22.1%
6 Months Ago	1,773 13.3%
1 Year Ago	2,651 -24.2%

Products Net Imports



Products Net Imports	Change
Thousand barrels per day	from
9/26/25	-4,987
Month Ago	-5,052
3 Months Ago	-5,203
6 Months Ago	-4,689
1 Year Ago	-5,304

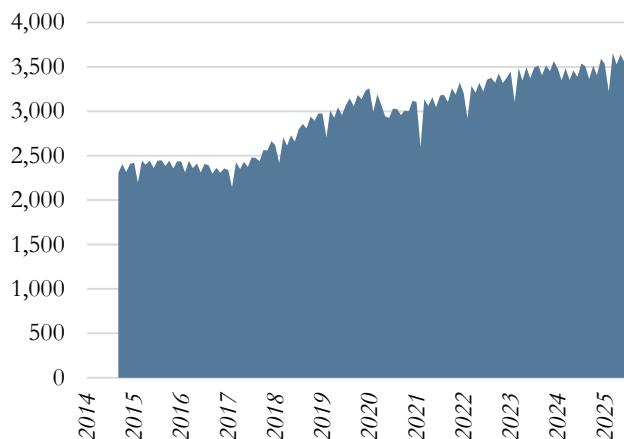
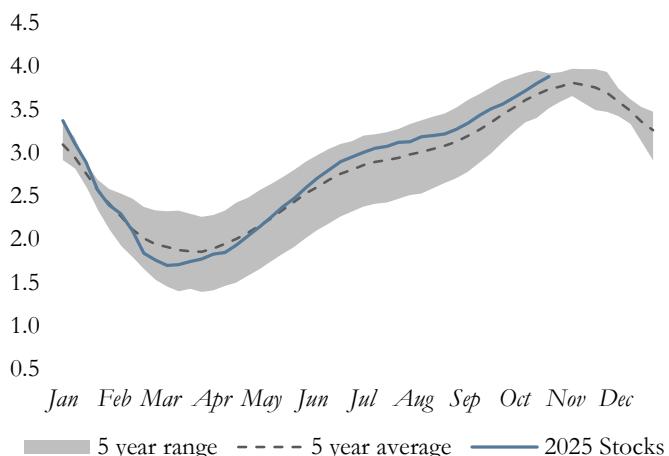
Total Net Imports



Total Net Imports	Change
Thousand barrels per day	from
9/26/25	-2,978
Month Ago	-2,365
3 Months Ago	-2,623
6 Months Ago	-2,916
1 Year Ago	-2,653

Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

U.S. Natural Gas Production & Stocks

August 2025 Production
Total U.S. Production, Billion cubic feet (Bcf)September 2025 Weekly Stocks
U.S. Natural Gas Stocks, Billion cubic feet (Bcf)

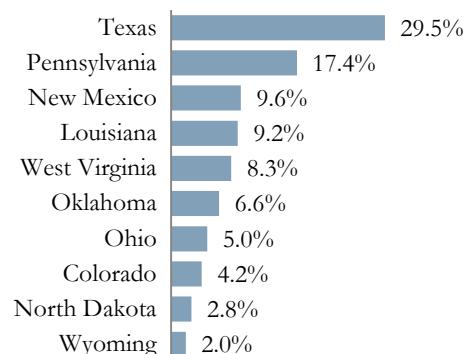
U.S. Natural Gas, Billion cubic feet (Bcf)

	Current Period*	1 Month Ago	3 Months Ago	6 Months Ago	1 Year Ago
U.S. Production	3,725	3,701	3,639	3,218	3,508
U.S. Stocks	3,882	3,561	3,123	2,041	3,864

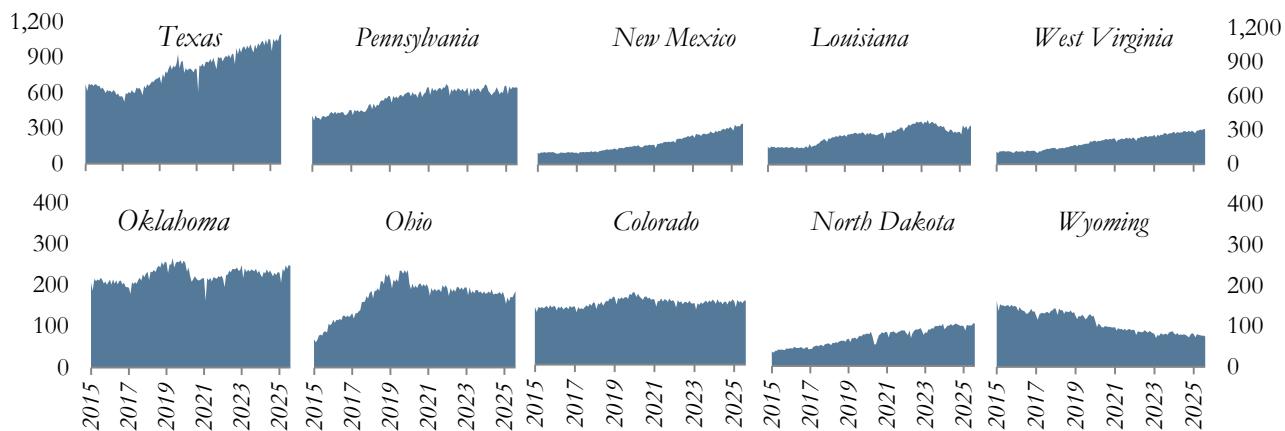
U.S. Natural Gas, Change from

	Current Period*	1 Month Ago	3 Months Ago	6 Months Ago	1 Year Ago
U.S. Production	-	0.6%	2.4%	15.8%	6.2%
U.S. Stocks	-	9.0%	24.3%	90.2%	0.5%

Share of Production



Top Producing States, Billion cubic feet (Bcf)



*U.S. production is monthly data & stocks are weekly data

Source: U.S. Department of Energy, Energy Information Administration/Haver Analytics

Definitions:

West Texas Intermediate: A crude oil produced in Texas and southern Oklahoma which serves as a reference or "marker" for pricing a number of other crude streams and is traded in the domestic spot market at Cushing, Oklahoma.

Brent: A blended crude oil produced in the North Sea region which serves as a reference or "marker" for pricing a number of other international crude streams.

Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Refined petroleum products include but are not limited to gasolines, kerosene, distillates (including No. 2 fuel oil), liquefied petroleum gas, asphalt, lubricating oils, diesel fuels, and residual fuels.

Notes:

Page 2: Petroleum Administration for Defense Districts (PADD) are geographic aggregations of the 50 states and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation. For more information, visit: <http://www.eia.gov/petroleum/supply/monthly/pdfs/append.pdf>

Page 3: For OPEC countries and the U.S., only crude oil production data is used. For non-OPEC countries (excluding the U.S.) total petroleum production data is used. Total petroleum production includes includes production of crude oil (including lease condensates), natural gas plant liquids, biofuels, other liquids, and refinery processing gains.

Page 5: The active rig count is the number of rigs actively exploring for or developing oil or natural gas. Rig counts provide an indicator of new drilling activity and potential for expanded crude oil or natural gas production.

Pages 10: Crude oil stocks are stocks of crude oil and lease condensate held at refineries, in pipelines, at pipeline terminals, and on leases.

Crude oil stocks for Cushing include domestic and foreign crude oil stocks held in tank farms in Lincoln, Payne, and Creek counties in Oklahoma. Cushing, Oklahoma, is the designated delivery point for NYMEX crude oil futures contracts.

Days of supply are calculated by taking the current stock level and dividing by product supplied (used as an estimate of demand) averaged over the most recent four-week period. For crude oil, refinery inputs of crude oil are used as a proxy for demand.

Notes:

Page 11: Petroleum Consumption approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas-processing plants, blending plants, pipelines, and bulk terminals.

Data Revisions

Most data are revised periodically to correct for errors and incorporate additional information as it becomes available. Data shown in this report are subject to change.

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