

FY 2024 Trends



U.S. Crude Oil Market

Office of Natural Resources Revenue



Summary



- In fiscal year (FY) 2024, the average price for Federal and Indian crude oil was **\$75.26/barrel**, slightly lower than FY 2023. Crude oil price benchmark NYMEX WTI averaged \$77.74/barrel.
- Onshore production volumes **increased by 11%**, largely driven by significant contributions from the Permian and Williston Basins.
- Offshore production declined slightly due to fewer new leases.
- These trends highlight how **onshore production remains strong** despite price fluctuations, shaping the future of the U.S. energy industry.

Crude Oil Pricing and Production: What Changed?

The West Texas Intermediate (WTI) crude oil price —tracked on the New York Mercantile Exchange (NYMEX)—exhibited moderate volatility over the past year. Prices peaked at \$85.47/barrel in October 2023 before dropping to a low of \$69.37/barrel by September 2024. The average price for FY 2024 settled at \$77.74/barrel, down just 1.2% from FY 2023. Federal and Indian crude prices closely tracked at an average of \$75.26/barrel.

Oil production grew by 4%, rising from 1.30 billion barrels in FY 2023 to 1.36 billion barrels in FY 2024. Most of this increase came from onshore drilling, while offshore production in the Gulf of America declined.

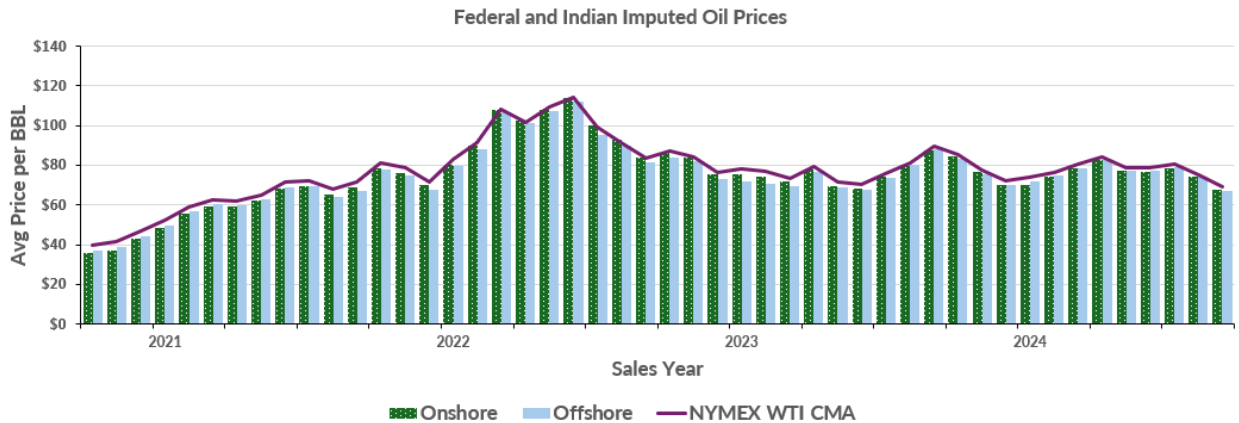
These shifts reflect the evolving landscape of U.S. crude oil production, where onshore drilling continues to thrive despite changing prices. Looking ahead, it will be important to track how these trends impact U.S. energy policy and the global oil market.



The information presented in this report is a synopsis of unaudited volumes and values reported to ONRR during Fiscal Year 2024 via the Form ONRR-2014. The volumes, values and pricing for each of the products discussed are derived from reported information. This information is accurate as of the writing of this report but is subject to change due to reporter adjustment and/or ONRR reviews and audits. As a reminder, prices are not reported to ONRR on the Form ONRR-2014, so the imputed prices referenced in this report are derived by dividing the reported value by the reported volumes.

Pricing Trends

More U.S. crude flowing to domestic markets helped push oil prices down.



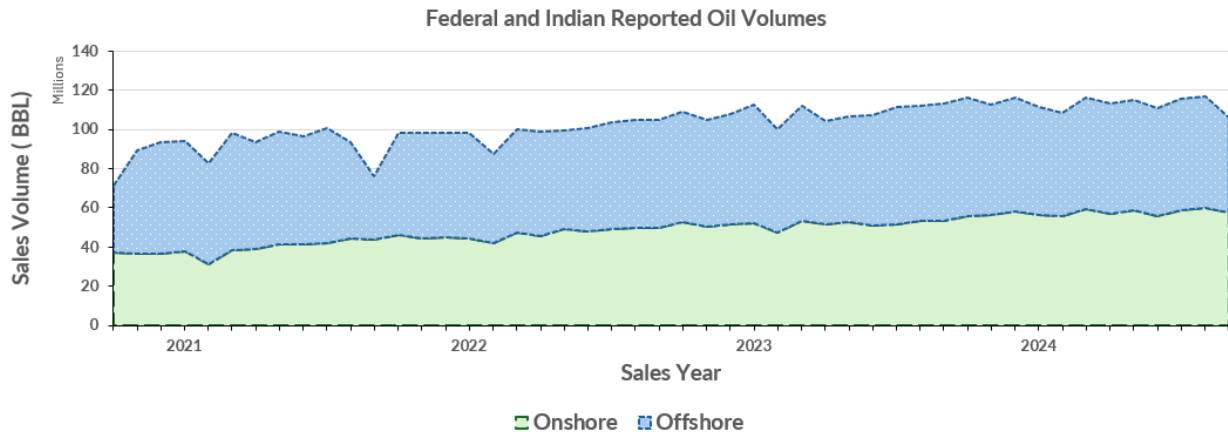
Overview of Crude Oil Pricing Trends	
FY 2023 Average Price	\$76.23/barrel
FY 2024 Average Price	\$75.26/barrel
Price Change from FY 2023	1.2% decrease
Offshore Oil Price Change	Decreased by \$0.70/barrel
Onshore Oil Price Change	Decreased by \$1.23/barrel
Price Alignment	Generally aligned with U.S. benchmark NYMEX WTI price
Pipeline Projects Impact	Increased shipments from Bakken, Powder River, and Permian regions to Cushing, Oklahoma, with a significant portion routed to Gulf Coast refineries

In FY 2024, the average reported price for Federal and Indian crude oil was \$75.26/barrel, down 1.2% from \$76.23 in FY 2023. Offshore crude prices dropped by \$0.70/barrel, while onshore prices saw a larger decline of \$1.23/barrel. Overall, reported prices closely followed the U.S. benchmark NYMEX WTI price.

Recent pipeline projects increased crude shipments from the Bakken, Powder River, and Permian regions to Cushing, Oklahoma. A significant portion of this additional crude was ultimately routed to Gulf Coast refineries.

Production Trends

Onshore crude oil production increased by 11% led by the Permian Basin. Several new offshore projects could boost production in coming years.



Overview of Crude Oil Production Volumes	
FY 2023 Onshore Monthly Average Volume	51.7 million barrels
FY 2024 Onshore Monthly Average Volume	57.4 million barrels
Production Volume Change from 2023	11% increase
Permian Basin Increase	14% increase
Williston Basin Increase	3% increase
Permian and Williston Basins combined	83% of total onshore volumes
Federal Offshore Crude Oil Production Change	2% decrease
Reasons for Offshore Decline	Limited new leases and reduction in available federal leases

Onshore

In FY 2024, crude oil volumes from onshore Federal and Indian lands **increased by 11%**. Monthly averages rose from 51.7 million barrels in FY 2023 to 57.4 million barrels in FY 2024. The Permian Basin led the way with a 14% increase, while the Williston Basin grew by 3%. Together, these two regions produced 83% of all onshore Federal and Indian crude oil.

Offshore

Federal offshore crude oil production decreased by 2% in FY 2024, with volumes dipping by just over 850,000 barrels/month. This was mainly due to fewer new leases coming into production and a reduction in available federal leases.