

Table 10b. Crude Oil and Natural Gas Production from Shale and Tight Formations

U.S. Energy Information Administration | Short-Term Energy Outlook

| | 2023 | | | | 2024 | | | | 2025 | | | | Year | | |
|---|-------------|-------------|-------------|-------------|-------------|-------------|----|----|------|----|----|----|-------------|------|------|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | 2023 | 2024 | 2025 |
| Total U.S. tight oil production (million barrels per day) (a) | 8.20 | 8.33 | 8.48 | 8.68 | 8.49 | 8.62 | - | - | - | - | - | - | 8.42 | - | - |
| Austin Chalk formation | 0.13 | 0.12 | 0.13 | 0.12 | 0.11 | 0.12 | - | - | - | - | - | - | 0.13 | - | - |
| Bakken formation | 1.08 | 1.11 | 1.19 | 1.24 | 1.17 | 1.19 | - | - | - | - | - | - | 1.16 | - | - |
| Eagle Ford formation | 1.00 | 1.02 | 1.02 | 0.96 | 0.93 | 0.95 | - | - | - | - | - | - | 1.00 | - | - |
| Mississippian formation | 0.15 | 0.14 | 0.14 | 0.14 | 0.13 | 0.13 | - | - | - | - | - | - | 0.14 | - | - |
| Niobrara Codell formation | 0.42 | 0.45 | 0.46 | 0.48 | 0.47 | 0.48 | - | - | - | - | - | - | 0.45 | - | - |
| Permian formations | 5.03 | 5.07 | 5.15 | 5.35 | 5.32 | 5.41 | - | - | - | - | - | - | 5.15 | - | - |
| Woodford formation | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.09 | - | - | - | - | - | - | 0.10 | - | - |
| Other U.S. formations | 0.30 | 0.30 | 0.29 | 0.29 | 0.27 | 0.25 | - | - | - | - | - | - | 0.29 | - | - |
| Total U.S. shale dry natural gas production (billion cubic feet per day) (a) | 81.3 | 81.5 | 81.2 | 81.8 | 79.9 | 79.9 | - | - | - | - | - | - | 81.5 | - | - |
| Bakken formation | 2.2 | 2.3 | 2.5 | 2.6 | 2.4 | 2.6 | - | - | - | - | - | - | 2.4 | - | - |
| Barnett formation | 1.9 | 1.9 | 1.8 | 1.8 | 1.7 | 1.7 | - | - | - | - | - | - | 1.8 | - | - |
| Eagle Ford formation | 4.4 | 4.5 | 4.5 | 4.5 | 4.3 | 4.3 | - | - | - | - | - | - | 4.5 | - | - |
| Fayetteville formation | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | - | - | - | - | - | - | 0.9 | - | - |
| Haynesville formation | 14.6 | 14.8 | 14.6 | 14.2 | 13.7 | 13.1 | - | - | - | - | - | - | 14.5 | - | - |
| Marcellus formation | 25.6 | 25.5 | 25.4 | 26.1 | 25.3 | 25.4 | - | - | - | - | - | - | 25.7 | - | - |
| Mississippian formation | 2.4 | 2.4 | 2.3 | 2.3 | 2.4 | 2.5 | - | - | - | - | - | - | 2.4 | - | - |
| Niobrara Codell formation | 2.6 | 2.6 | 2.7 | 2.8 | 2.8 | 2.9 | - | - | - | - | - | - | 2.7 | - | - |
| Permian formations | 15.5 | 16.1 | 16.6 | 17.1 | 17.2 | 17.7 | - | - | - | - | - | - | 16.3 | - | - |
| Utica formation | 5.9 | 5.3 | 4.8 | 4.5 | 4.2 | 3.9 | - | - | - | - | - | - | 5.1 | - | - |
| Woodford formation | 3.1 | 2.9 | 2.9 | 2.9 | 2.8 | 2.9 | - | - | - | - | - | - | 2.9 | - | - |
| Other U.S. formations | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 | 2.2 | - | - | - | - | - | - | 2.3 | - | - |

(a) These production estimates are based on geologic formations, not geographic regions

Notes:

EIA completed modeling and analysis for this report on August 1, 2024.

- = no data available

The approximate break between historical and forecast values is shown with historical data with no shading; estimates and forecasts are shaded gray.

Minor discrepancies with published historical data are due to independent rounding.

Sources:

Historical data: Latest data available from Enverus state administrative data.