

Table 10a. Drilling Productivity Metrics
 U.S. Energy Information Administration | Short-Term Energy Outlook - January 2025

	2024				2025				2026				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2024	2025	2026
Active rigs															
Appalachia region	42	39	35	34	-	-	-	-	-	-	-	-	37	-	-
Bakken region	34	34	35	35	-	-	-	-	-	-	-	-	34	-	-
Eagle Ford region	57	56	52	52	-	-	-	-	-	-	-	-	54	-	-
Haynesville region	43	36	35	33	-	-	-	-	-	-	-	-	37	-	-
Permian region	312	313	305	304	-	-	-	-	-	-	-	-	308	-	-
Rest of Lower 48 States, excluding GOM	104	96	96	105	-	-	-	-	-	-	-	-	100	-	-
New wells drilled															
Appalachia region	239	220	197	192	-	-	-	-	-	-	-	-	848	-	-
Bakken region	206	208	212	216	-	-	-	-	-	-	-	-	842	-	-
Eagle Ford region	290	293	288	299	-	-	-	-	-	-	-	-	1,170	-	-
Haynesville region	124	103	99	93	-	-	-	-	-	-	-	-	419	-	-
Permian region	1,364	1,376	1,354	1,361	-	-	-	-	-	-	-	-	5,455	-	-
Rest of Lower 48 States, excluding GOM	613	562	566	597	-	-	-	-	-	-	-	-	2,338	-	-
New wells drilled per rig															
Appalachia region	5.6	5.7	5.7	5.7	-	-	-	-	-	-	-	-	22.7	-	-
Bakken region	6.1	6.1	6.1	6.2	-	-	-	-	-	-	-	-	24.4	-	-
Eagle Ford region	5.1	5.2	5.5	5.8	-	-	-	-	-	-	-	-	21.6	-	-
Haynesville region	2.9	2.9	2.9	2.9	-	-	-	-	-	-	-	-	11.5	-	-
Permian region	4.4	4.4	4.4	4.5	-	-	-	-	-	-	-	-	17.7	-	-
Rest of Lower 48 States, excluding GOM	5.9	5.9	5.9	5.7	-	-	-	-	-	-	-	-	23.3	-	-
New wells completed															
Appalachia region	239	233	230	218	-	-	-	-	-	-	-	-	920	-	-
Bakken region	187	258	239	240	-	-	-	-	-	-	-	-	924	-	-
Eagle Ford region	389	360	348	316	-	-	-	-	-	-	-	-	1,413	-	-
Haynesville region	121	121	96	88	-	-	-	-	-	-	-	-	426	-	-
Permian region	1,387	1,416	1,370	1,329	-	-	-	-	-	-	-	-	5,502	-	-
Rest of Lower 48 States, excluding GOM	606	611	635	622	-	-	-	-	-	-	-	-	2,474	-	-
Cumulative drilled but uncompleted wells															
Appalachia region	833	820	787	761	-	-	-	-	-	-	-	-	761	-	-
Bakken region	411	361	334	310	-	-	-	-	-	-	-	-	310	-	-
Eagle Ford region	434	367	307	290	-	-	-	-	-	-	-	-	290	-	-
Haynesville region	751	733	736	741	-	-	-	-	-	-	-	-	741	-	-
Permian region	915	875	859	891	-	-	-	-	-	-	-	-	891	-	-
Rest of Lower 48 States, excluding GOM	2,388	2,339	2,270	2,245	-	-	-	-	-	-	-	-	2,245	-	-
Crude oil production from newly completed wells, one-year trend (thousand barrels per day) (a) (c)															
Appalachia region	12	14	14	13	-	-	-	-	-	-	-	-	13	-	-
Bakken region	55	55	57	58	-	-	-	-	-	-	-	-	56	-	-
Eagle Ford region	70	79	76	69	-	-	-	-	-	-	-	-	74	-	-
Haynesville region	0	0	0	0	-	-	-	-	-	-	-	-	0	-	-
Permian region	445	459	465	456	-	-	-	-	-	-	-	-	456	-	-
Rest of Lower 48 States, excluding GOM	78	76	76	76	-	-	-	-	-	-	-	-	76	-	-
Crude oil production from newly completed wells per rig, one-year trend (thousand barrels per day) (a)															
Appalachia region	0.3	0.3	0.4	0.4	-	-	-	-	-	-	-	-	0.3	-	-
Bakken region	1.7	1.6	1.6	1.7	-	-	-	-	-	-	-	-	1.6	-	-
Eagle Ford region	1.3	1.4	1.4	1.3	-	-	-	-	-	-	-	-	1.3	-	-
Haynesville region	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	0.0	-	-
Permian region	1.4	1.5	1.5	1.5	-	-	-	-	-	-	-	-	1.5	-	-
Rest of Lower 48 States, excluding GOM	0.7	0.7	0.8	0.8	-	-	-	-	-	-	-	-	0.8	-	-
Existing crude oil production change, one-year trend (thousand barrels per day) (a) (c)															
Appalachia region	-12.1	-14.3	-14.4	-12.9	-	-	-	-	-	-	-	-	-13.4	-	-
Bakken region	-60.3	-56.7	-57.9	-52.3	-	-	-	-	-	-	-	-	-56.8	-	-
Eagle Ford region	-64.8	-65.2	-72.3	-71.7	-	-	-	-	-	-	-	-	-68.5	-	-
Haynesville region	-0.7	-0.8	-0.8	-0.7	-	-	-	-	-	-	-	-	-0.7	-	-
Permian region	-411.0	-410.5	-412.0	-409.1	-	-	-	-	-	-	-	-	-410.6	-	-
Rest of Lower 48 States, excluding GOM	-81.3	-73.1	-76.2	-79.4	-	-	-	-	-	-	-	-	-77.5	-	-
Natural gas production from newly completed wells, one-year trend (million cubic feet per day) (a) (d)															
Appalachia region	1,037.6	922.5	949.7	983.5	-	-	-	-	-	-	-	-	975.8	-	-
Bakken region	60.9	60.5	63.4	64.5	-	-	-	-	-	-	-	-	62.3	-	-
Eagle Ford region	335.1	310.7	293.0	290.5	-	-	-	-	-	-	-	-	307.2	-	-
Haynesville region	544.9	439.5	430.0	474.4	-	-	-	-	-	-	-	-	472.1	-	-
Permian region	864.8	935.0	937.8	897.0	-	-	-	-	-	-	-	-	908.7	-	-
Rest of Lower 48 States, excluding GOM	331.8	282.7	282.7	296.5	-	-	-	-	-	-	-	-	298.4	-	-
Natural gas production from newly completed wells per rig, one-year trend (million cubic feet per day) (a) (d)															
Appalachia region	25.5	21.8	25.5	29.5	-	-	-	-	-	-	-	-	25.6	-	-
Bakken region	1.8	1.8	1.8	1.9	-	-	-	-	-	-	-	-	1.8	-	-
Eagle Ford region	6.0	5.4	5.5	5.6	-	-	-	-	-	-	-	-	5.6	-	-
Haynesville region	11.9	11.0	11.7	14.1	-	-	-	-	-	-	-	-	12.2	-	-
Permian region	2.8	3.0	3.0	2.9	-	-	-	-	-	-	-	-	2.9	-	-
Rest of Lower 48 States, excluding GOM	3.1	2.8	3.0	3.0	-	-	-	-	-	-	-	-	3.0	-	-
Existing natural gas production change, one-year trend (million cubic feet per day) (a) (c) (d)															
Appalachia region	-1,023.0	-874.3	-732.6	-809.0	-	-	-	-	-	-	-	-	-859.2	-	-
Bakken region	-50.8	-20.0	-26.6	-37.5	-	-	-	-	-	-	-	-	-33.7	-	-
Eagle Ford region	-327.5	-298.2	-283.6	-283.1	-	-	-	-	-	-	-	-	-298.0	-	-
Haynesville region	-843.2	-686.9	-641.3	-701.3	-	-	-	-	-	-	-	-	-717.9	-	-
Permian region	-649.9	-607.9	-602.4	-608.4	-	-	-	-	-	-	-	-	-617.1	-	-
Rest of Lower 48 States, excluding GOM	-412.1	-473.3	-470.9	-433.3	-	-	-	-	-	-	-	-	-447.4	-	-

(a) The Production From Newly Completed Wells and the Existing Production Change data series are reported as smoothed monthly data over a twelve-month period. The smoothing is done using the Locally Weighted Scatterplot Smoothing (LOWESS) function. LOWESS calculates a locally weighted average for each point, giving more weight to nearby monthly data and less weights to distant data. The smoothed data may change each month according to updated data.

(b) The most recent six months of well-level data is incomplete due to known lags in reporting. For these months, the values are imputed based on historical reporting patterns and other relevant factors.

(c) The sum of "Production from Newly Completed Wells" and "Existing Production Change" may not equal the month-over-month crude oil or natural gas production changes reported in tables 4a and 5a, respectively. This discrepancy arises from the statistical smoothing techniques applied to aggregated basin level data, variations in data imputation methodologies, and utilizing different data sources.

(d) Natural gas production in this table is marketed natural gas production.

Notes:

EIA completed modeling and analysis for this report on January 9, 2025.

-- 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 Baker Hughes, Enervus, FracFocus.org.