

**Table 5a. U.S. Natural Gas Supply, Consumption, and Inventories**  
 U.S. Energy Information Administration | Short-Term Energy Outlook - October 2024

	2023				2024				2025				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2023	2024	2025
<b>Supply (billion cubic feet per day)</b>															
<b>U.S. total marketed natural gas production</b> .....	<b>111.2</b>	<b>112.5</b>	<b>113.6</b>	<b>115.2</b>	<b>113.4</b>	<b>112.1</b>	<b>113.7</b>	<b>113.6</b>	<b>113.8</b>	<b>114.6</b>	<b>114.3</b>	<b>114.9</b>	<b>113.1</b>	<b>113.2</b>	<b>114.4</b>
Alaska .....	1.1	1.0	0.9	1.0	1.1	1.0	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0
Federal Gulf of Mexico (a) .....	2.1	1.9	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	2.0	1.8	1.7
Lower 48 States (excl GOM) (b) .....	108.0	109.6	110.7	112.2	110.4	109.3	110.9	110.8	110.9	111.9	111.7	112.2	110.1	110.4	111.7
Appalachia region .....	35.4	35.7	36.0	36.7	35.9	35.0	35.5	35.3	35.8	35.6	35.1	35.3	35.9	35.4	35.4
Bakken region .....	2.9	3.0	3.2	3.3	3.2	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.1	3.3	3.3
Eagle Ford region .....	6.5	6.6	6.6	6.6	6.6	6.7	7.1	7.0	6.9	7.2	7.2	7.2	6.6	6.9	7.1
Haynesville region .....	16.5	16.7	16.5	16.2	15.7	14.2	14.9	14.8	14.7	14.9	15.2	15.6	16.5	14.9	15.1
Permian region .....	21.5	22.4	23.1	23.9	23.9	24.6	24.5	25.1	24.9	26.0	26.2	26.3	22.7	24.5	25.8
Rest of Lower 48 States .....	25.1	25.2	25.3	25.5	25.1	25.5	25.7	25.3	25.3	24.9	24.7	24.3	25.3	25.4	24.8
<b>Total primary supply</b> .....	<b>103.0</b>	<b>78.0</b>	<b>83.9</b>	<b>91.6</b>	<b>104.0</b>	<b>78.6</b>	<b>85.1</b>	<b>92.8</b>	<b>104.2</b>	<b>77.0</b>	<b>83.4</b>	<b>91.9</b>	<b>89.1</b>	<b>90.1</b>	<b>89.1</b>
Balancing item (c) .....	0.4	-0.4	-1.4	-0.7	-0.2	-1.6	-1.8	-0.6	-0.6	-1.3	0.3	-0.2	-0.5	-1.1	-0.4
<b>Total supply</b> .....	<b>102.6</b>	<b>78.5</b>	<b>85.2</b>	<b>92.3</b>	<b>104.1</b>	<b>80.2</b>	<b>86.9</b>	<b>93.4</b>	<b>104.8</b>	<b>78.3</b>	<b>83.1</b>	<b>92.0</b>	<b>89.6</b>	<b>91.2</b>	<b>89.5</b>
U.S. total dry natural gas production .....	102.2	103.2	104.1	105.5	104.0	102.0	103.9	104.0	104.2	104.8	104.5	105.0	103.8	103.5	104.6
Net inventory withdrawals .....	12.0	-11.7	-6.4	0.3	12.7	-9.6	-4.9	3.7	15.0	-11.3	-6.4	3.5	-1.5	0.5	0.2
Supplemental gaseous fuels .....	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Net imports .....	-11.8	-13.2	-12.6	-13.7	-12.7	-12.4	-12.3	-14.4	-14.5	-15.4	-15.3	-16.6	-12.8	-13.0	-15.4
LNG gross imports (d) .....	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1
LNG gross exports (d) .....	11.4	11.8	11.4	13.0	12.4	11.3	11.5	13.2	13.8	13.3	13.0	14.9	11.9	12.1	13.8
Pipeline gross imports .....	8.4	7.3	7.9	8.2	8.9	7.8	8.2	8.0	8.6	7.4	7.6	7.9	8.0	8.2	7.9
Pipeline gross exports .....	8.9	8.7	9.2	8.9	9.4	8.9	9.0	9.2	9.4	9.5	9.9	9.6	8.9	9.1	9.6
<b>Consumption (billion cubic feet per day)</b>															
<b>Total consumption</b> .....	<b>103.0</b>	<b>78.0</b>	<b>83.9</b>	<b>91.6</b>	<b>104.0</b>	<b>78.6</b>	<b>85.1</b>	<b>92.8</b>	<b>104.2</b>	<b>77.0</b>	<b>83.4</b>	<b>91.9</b>	<b>89.1</b>	<b>90.1</b>	<b>89.1</b>
Residential .....	23.5	7.3	3.6	15.0	22.8	6.7	3.5	15.9	24.2	7.3	3.8	16.1	12.3	12.2	12.8
Commercial .....	14.5	6.4	4.7	10.7	14.3	6.3	5.0	11.3	15.1	6.8	5.3	11.4	9.1	9.2	9.6
Industrial .....	24.8	22.4	22.0	24.3	24.9	22.3	22.1	24.0	24.9	22.1	21.7	24.0	23.4	23.3	23.2
Electric power (e) .....	30.8	33.4	44.8	32.6	32.5	34.7	45.7	32.6	30.5	32.3	43.8	31.1	35.4	36.4	34.4
Lease and plant fuel .....	5.3	5.4	5.4	5.5	5.4	5.4	5.4	5.4	5.4	5.5	5.5	5.5	5.4	5.4	5.5
Pipeline and distribution .....	3.9	2.9	3.1	3.4	3.9	2.9	3.2	3.5	4.0	2.9	3.1	3.5	3.3	3.4	3.4
Vehicle .....	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<b>End-of-period working natural gas inventories (billion cubic feet) (f)</b>															
<b>United States total</b> .....	<b>1,850</b>	<b>2,902</b>	<b>3,490</b>	<b>3,457</b>	<b>2,306</b>	<b>3,175</b>	<b>3,622</b>	<b>3,285</b>	<b>1,939</b>	<b>2,963</b>	<b>3,548</b>	<b>3,230</b>	<b>3,457</b>	<b>3,285</b>	<b>3,230</b>
East region .....	334	646	853	787	369	670	858	760	355	629	807	731	787	760	731
Midwest region .....	417	701	993	950	507	781	1,027	924	454	726	1,023	894	950	924	894
South Central region .....	919	1,138	1,092	1,183	1,007	1,172	1,125	1,118	825	1,134	1,170	1,125	1,183	1,118	1,125
Mountain region .....	79	171	239	228	168	238	285	211	124	190	239	206	228	211	206
Pacific region .....	74	216	278	280	231	286	294	243	158	258	277	244	280	243	244
Alaska .....	27	30	35	30	24	28	32	29	24	27	32	28	30	29	28

- (a) Marketed production from U.S. Federal leases in the Gulf of Mexico.
- (b) Regional production in this table is based on geographic regions and not geologic formations.
- (c) The balancing item is the difference between total natural gas consumption (NGTCPUS) and total natural gas supply (NGPSUPP).
- (d) LNG: liquefied natural gas
- (e) Natural gas used for electricity generation and (a limited amount of) useful thermal output by electric utilities and independent power producers.
- (f) For a list of states in each inventory region refer to *Weekly Natural Gas Storage Report, Notes and Definitions* (<http://ir.eia.gov/ngs/notes.html>).

**Notes:**  
 EIA completed modeling and analysis for this report on October 3, 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 Energy Information Administration databases supporting the following reports: *Natural Gas Monthly*, DOE/EIA-0130; and *Electric Power Monthly*, DOE/EIA-0226.  
 Forecasts: EIA Short-Term Integrated Forecasting System.