

Natural Gas Monthly

January 2025



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Preface

The *Natural Gas Monthly* (NGM) highlights activities, events, and analyses of interest to public and private sector organizations associated with the natural gas industry. Volume and price data are presented each month for natural gas production, distribution, consumption, and interstate pipeline activities. Producer-related activities and underground storage data are also reported.

The data in this publication are collected on surveys conducted by EIA to fulfill its responsibilities for gathering and reporting energy data. Geographic coverage is the 50 States and the District of Columbia.

Explanatory Notes supplement the information found in tables of the report. A description of the data collection surveys that support the NGM is provided in the Data Sources section. A glossary of the terms used in this report is also provided to assist readers in understanding the data presented in this publication.

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60° Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

The Office of Energy Production, Conversion, and Delivery prepared the NGM. You can send general questions and comments on the contents of this publication to our [data team](#).

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Highlights

This issue of the *Natural Gas Monthly* (NGM) contains state and national-level estimates of natural gas volume and price data through November 2024.

Recent analyses of the natural gas industry are available on the [EIA website](#) by clicking the “[Natural Gas](#)” link under the “Sources & Uses” tab. The two reports listed under “Analysis & Projections” along the right side of the natural gas page are updated regularly. These reports are:

- [Weekly Natural Gas Storage Report](#) -- a weekly report containing estimates of natural gas in underground storage for the United States and five regions of the United States released each Thursday at 10:30 a.m. at the EIA website, except for certain weeks with Federal holidays. The report contains estimates of storage for the current and prior week and comparisons to previous periods. Links are provided to papers describing survey Form EIA-912, *Weekly Underground Natural Gas Storage Report*, and the estimation methodology.
- [Natural Gas Weekly Update](#) -- a current analysis of the industry each week, including information on natural gas spot and futures prices and storage activities. This page also provides links to numerous other EIA sites dealing with natural gas.

Other natural gas data and analyses may be found through the “Natural Gas” section of EIA’s website.

Abbreviations

Common abbreviations used in the *Natural Gas Monthly*

Bcf	Billion cubic feet
CNG	Compressed natural gas
DOE	U.S. Department of Energy
EIA	U.S. Energy Information Administration, U.S. Department of Energy
FERC	Federal Energy Regulatory Commission
GOM	Gulf of Mexico
LNG	Liquefied natural gas
Mcf	Thousand cubic feet
MMcf	Million cubic feet
NGPL	Natural gas plant liquid
Tcf	Trillion cubic feet

Table 1. Summary of natural gas supply and disposition in the United States, 2019-2024

billion cubic feet

Year and month	Gross withdrawals	Marketed production	NGPL production ^a	Dry gas production ^b	Supplemental gaseous fuels ^c	Net imports	Net storage withdrawals ^d	Balancing item ^e	Consumption ^f
2019 total	40,780	36,447	2,548	33,899	61	-1,916	-503	-408	31,132
2020 total	40,730	36,521	2,710	33,811	63	-2,734	-180	-357	30,603
2021 total	41,677	37,338	2,809	34,529	66	-3,845	83	-188	30,646
2022									
January	3,594	3,201	250	2,951	6	-315	1,014	-74	3,582
February	3,270	2,919	228	2,691	5	-288	673	-28	3,052
March	3,665	3,285	257	3,028	6	-380	171	-44	2,782
April	3,579	3,210	251	2,959	6	-342	-220	-44	2,358
May	3,683	3,319	259	3,060	6	-386	-412	-28	2,240
June	3,555	3,222	252	2,970	6	-325	-332	-2	2,317
July	3,716	3,356	262	3,094	6	-303	-187	-21	2,590
August	3,716	3,378	264	3,114	6	-322	-213	-18	2,567
September	3,658	3,319	259	3,060	6	-293	-446	-34	2,294
October	3,800	3,424	268	3,156	6	-315	-432	-53	2,362
November	3,703	3,318	259	3,058	6	-309	78	-65	2,769
December	3,763	3,379	264	3,115	6	-306	588	-25	3,379
Total	43,701	39,329	3,075	36,255	73	-3,882	280	-434	32,292
2023									
January	3,840	3,447	283	3,163	10	-333	466	16	3,323
February	3,459	3,105	255	2,850	9	-331	409	28	2,965
March	3,859	3,486	287	3,200	10	-401	231	-13	3,026
April	3,719	3,344	275	3,069	9	-400	-275	25	2,428
May	3,871	3,496	287	3,208	10	-422	-461	-15	2,320
June	3,726	3,371	277	3,094	10	-376	-351	-7	2,369
July	3,821	3,490	287	3,204	10	-378	-139	-24	2,672
August	3,832	3,515	289	3,226	10	-388	-139	-30	2,679
September	3,744	3,405	280	3,125	10	-396	-331	-27	2,382
October	3,890	3,515	289	3,226	10	-421	-328	-40	2,446
November	3,822	3,450	284	3,166	10	-403	70	-12	2,831
December	3,968	3,565	293	3,272	10	-432	292	35	3,178
Total	45,551	41,190	3,386	37,803	117	-4,681	-555	-64	32,619
2024									
January	£3,872	£3,478	£270	£3,208	12	-351	844	£-4	£3,710
February	£3,723	£3,348	£277	£3,071	10	-385	263	£16	£2,975
March	£3,880	£3,486	£306	£3,181	10	-425	46	£-11	£2,802
April	£3,716	£3,352	301	£3,050	10	-345	-256	-61	2,398
May	£3,834	£3,461	£315	£3,147	10	-408	-363	£-50	2,336
June	£3,731	£3,386	£302	£3,083	9	-380	-254	£-26	2,433
July	£3,890	£3,536	£308	£3,228	10	-337	-120	£-34	2,747
August	£3,850	£3,508	£313	£3,195	10	-389	-79	£-16	2,720
September	£3,705	£3,363	£309	£3,054	8	-392	-251	5	£2,424
October	£3,885	£3,509	£323	£3,186	9	-395	£-328	£-33	£2,438
November	£3,784	£3,401	314	£3,088	9	-369	24	-30	2,721
2024 11-month	£41,870	£37,828	3,339	£34,489	108	-4,176	-473	-244	29,705
2023 11-month	41,583	37,624	3,093	34,531	107	-4,249	-847	-99	29,442
2022 11-month	39,938	35,951	2,810	33,140	67	-3,577	-308	-410	28,913

^a We derive monthly natural gas plant liquid (NGPL) production, gaseous equivalent, from sample data reported by gas processing plants on Form EIA-816, *Monthly Natural Gas Liquids Report*, and Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*.

^b Equal to marketed production minus NGPL production.

^c We only collect supplemental gaseous fuels data on an annual basis except for the Dakota Gasification Co. coal gasification facility, which provides data each month. We calculate the ratio of annual supplemental fuels (excluding Dakota Gasification Co.) to the sum of dry gas production, net imports, and net withdrawals from storage. We apply this ratio to the monthly sum of these three elements. We add the Dakota Gasification Co. monthly value to the result to produce the monthly supplemental fuels estimate.

^d Monthly and annual data for 2019 through 2023 include underground storage and liquefied natural gas storage. Data for January 2024 forward include underground storage only. Appendix A, Explanatory Note 5, contains a discussion of computation procedures.

^e Represents quantities lost and imbalances in data due to differences among data sources. Net imports and balancing item excludes net intransit deliveries. These net intransit deliveries were (in billion cubic feet): 115 for 2023; 94 for 2022; 184 for 2021; 207 for 2020; and -8 for 2019. Appendix A, Explanatory Note 7, contains a full discussion of balancing item calculations.

^f Consists of pipeline fuel use, lease and plant fuel use, vehicle fuel, and deliveries to consuming sectors as shown in Table 2.

^R Revised data.

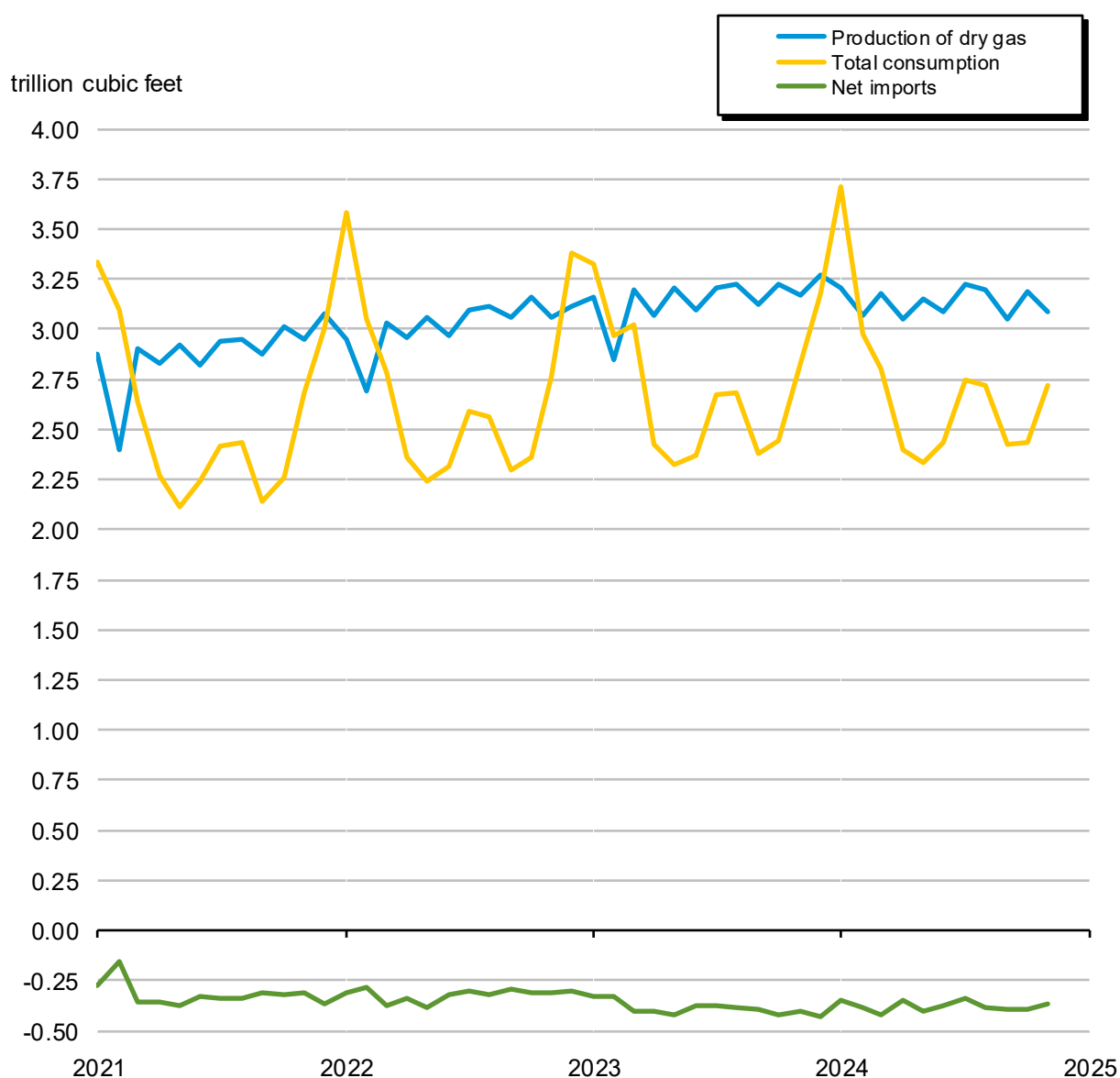
^{RE} Revised estimated data.

^E Estimated data.

Source: 2019-2023: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2023*. January 2024 through current month: Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-191, *Monthly Underground Gas Storage Report*; EIA computations and estimates; and Office of Fossil Energy and Carbon Management, *Natural Gas Imports and Exports*. Table 7 includes detailed source notes for Marketed Production. Appendix A, Notes 3 and 4, includes discussion of computation and estimation procedures and revision policies.

Note: Data for 2019 through 2023 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Figure 1. Production, consumption, and net imports of natural gas in the United States, 2021-2024



Source: 2021-2023: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2023*. January 2024 through current month: Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-191, *Monthly Underground Gas Storage Report*; EIA computations and estimates; and Office of Fossil Energy and Carbon Management, *Natural Gas Imports and Exports*.

Table 2. Natural gas consumption in the United States, 2019-2024

billion cubic feet, or as indicated

Year and month	Lease and plant fuel ^a	Pipeline and distribution use ^b				Delivered to consumers			Total consumption	Heating value ^c (Btu per cubic foot)
			Residential	Commercial	Industrial	Electric power	Vehicle fuel	Total		
2019 total	1,823	1,018	5,019	3,515	8,417	11,288	53	28,291	31,132	1,038
2020 total	1,851	1,020	4,674	3,163	8,213	11,632	49	27,731	30,603	1,037
2021 total	1,851	1,131	4,717	3,289	8,375	11,229	54	27,663	30,646	1,037
2022										
January	153	141	958	551	825	949	6	3,288	3,582	1,038
February	139	120	791	464	729	804	5	2,793	3,052	1,038
March	157	108	589	385	760	777	6	2,517	2,782	1,036
April	153	91	385	276	705	743	5	2,114	2,358	1,035
May	159	86	201	183	683	923	6	1,996	2,240	1,034
June	154	89	124	146	654	1,145	5	2,074	2,317	1,033
July	160	100	110	145	664	1,405	6	2,329	2,590	1,033
August	161	99	103	142	676	1,380	6	2,306	2,567	1,035
September	159	88	114	150	653	1,125	5	2,047	2,294	1,036
October	164	91	242	223	691	946	6	2,108	2,362	1,036
November	159	107	513	353	729	902	5	2,503	2,769	1,036
December	161	132	835	492	760	992	6	3,085	3,379	1,041
Total	1,879	1,252	4,964	3,511	8,529	12,092	65	29,160	32,292	1,036
2023										
January	165	128	807	480	771	967	5	3,030	3,323	1,039
February	148	114	690	428	708	870	5	2,702	2,965	1,038
March	166	116	637	411	758	932	5	2,744	3,026	1,036
April	160	92	341	255	707	869	5	2,177	2,428	1,035
May	167	87	199	184	682	996	5	2,066	2,320	1,034
June	161	90	130	151	656	1,176	5	2,119	2,369	1,034
July	167	102	113	145	670	1,471	5	2,404	2,672	1,035
August	168	102	106	148	687	1,462	5	2,409	2,679	1,035
September	163	90	114	148	671	1,191	5	2,129	2,382	1,034
October	168	92	228	226	710	1,016	5	2,186	2,446	1,035
November	165	108	497	350	741	965	5	2,558	2,831	1,037
December	170	122	661	416	790	1,014	5	2,885	3,178	1,040
Total	1,966	1,244	4,523	3,341	8,552	12,930	62	29,409	32,619	1,036
2024										
January	£166	£141	£922	536	802	1,137	£5	£3,403	£3,710	1,039
February	£160	£113	647	415	718	917	£4	2,701	£2,975	1,039
March	£166	£107	£510	346	746	922	£5	2,528	£2,802	1,037
April	£160	£91	318	248	694	882	£4	2,147	2,398	1,035
May	£165	£89	172	176	684	1,046	£5	2,081	2,336	1,033
June	£162	£93	123	154	654	1,244	£4	2,178	2,433	1,034
July	£169	£105	107	146	681	1,534	£5	2,474	2,747	1,036
August	£167	£104	105	149	697	1,494	£5	2,449	2,720	1,036
September	£161	£92	114	£156	669	1,228	£4	£2,171	£2,424	1,035
October	£168	£93	195	£214	£694	1,071	£5	£2,178	£2,438	1,035
November	£162	£104	414	319	725	992	£4	2,455	2,721	1,037
2024 11-month YTD	£1,806	£1,133	3,628	2,858	7,765	12,467	£49	26,766	29,705	1,036
2023 11-month YTD	1,796	1,122	3,863	2,926	7,762	11,916	57	26,524	29,442	1,036
2022 11-month YTD	1,718	1,120	4,129	3,018	7,769	11,099	59	26,075	28,913	1,036

^a We only collect plant fuel data and lease fuel data annually. We estimate monthly lease and plant fuel use from monthly marketed production by assuming that the preceding annual percentage remains constant for the next 12 months.

^b We base published pipeline and distribution use data on reports collected on an annual basis. We estimate monthly pipeline and distribution use data from monthly total consumption (excluding pipeline and distribution use) by assuming that the preceding annual percentage remains constant for the next 12 months. Pipeline and distribution use volumes include line loss, defined as known volumes of natural gas that were the result of leaks, damage, accidents, migration, and/or blow downs, as well as fuel used in liquefaction and regasification.

^c Heating value is the average number of British thermal units per cubic foot of natural gas as reported on EIA-857 and EIA-176. Appendix A, Explanatory Note 11, contains further information.

^R Revised data.

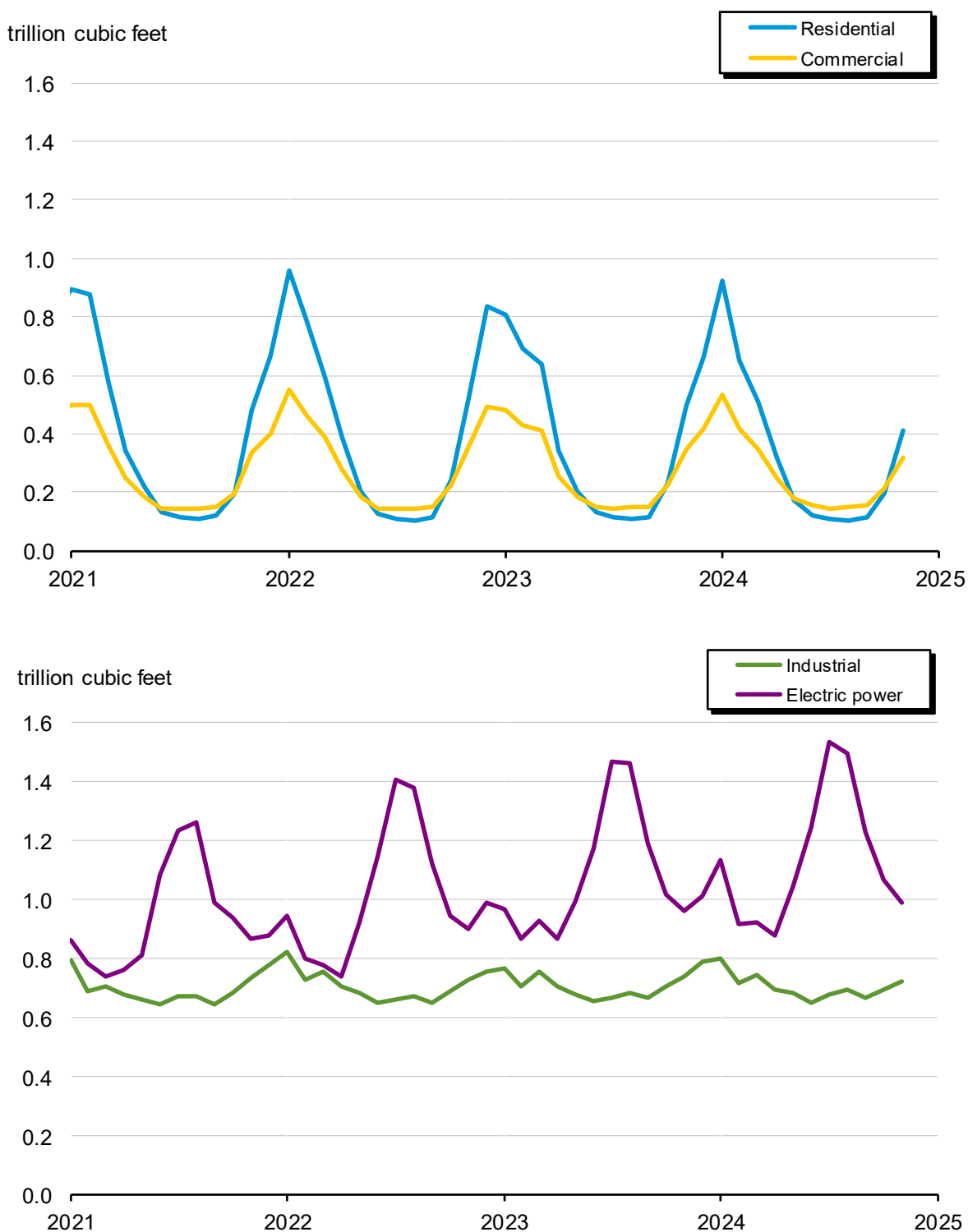
^{RE} Revised estimated data.

^E Estimated data.

Source: 2019-2024: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; state and federal agencies; EIA estimates based on historical data; and *Natural Gas Annual 2023*. January 2024 through current month: Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-857; Form EIA-923, *Power Plant Operations Report*. Appendix A, Explanatory Note 6, contains an explanation of computation procedures and revision policy.

Note: Data for 2019 through 2023 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding. Appendix A, Explanatory Note 6, contains a definition of sectors.

Figure 2. Natural gas deliveries to consumers in the United States, 2021-2024



Source: 2021-2023: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-923, *Power Plant Operations Report*; EIA computations; and *Natural Gas Annual 2023*. January 2024 through current month: Form EIA-857 and Form EIA-923.

Table 3. Selected national average natural gas prices, 2019-2024

dollars per thousand cubic feet, except where noted

Year and month	NGPL composite spot price ^a	Natural gas spot price ^b	Citygate price	Delivered to consumers						Electric power price ^d
				Residential		Commercial		Industrial		
				Price	% of total ^c	Price	% of total ^c	Price	% of total ^c	
2019 annual average	5.49	2.56	3.81	10.51	96.2	7.61	65.5	3.90	13.0	2.99
2020 annual average	4.47	2.03	3.43	10.78	96.3	7.48	64.6	3.32	13.2	2.49
2021 annual average	9.02	3.89	6.02	12.18	96.6	8.79	65.1	5.44	13.4	5.43
2022										
January	10.57	4.38	5.48	12.04	96.9	9.78	71.3	6.49	13.2	6.41
February	11.36	4.69	5.78	12.15	96.7	10.04	69.9	7.34	13.8	6.16
March	12.62	4.90	5.55	12.94	96.5	10.22	68.4	6.20	14.1	5.19
April	12.19	6.60	6.32	13.97	96.2	10.61	65.4	6.70	13.9	6.28
May	12.44	8.14	8.21	17.68	96.0	12.09	60.7	8.11	13.3	7.68
June	12.48	7.70	9.91	22.41	96.2	13.44	57.7	9.34	13.2	8.14
July	11.41	7.28	8.79	24.57	96.6	13.51	55.7	7.89	13.2	7.73
August	11.19	8.80	10.20	25.39	96.8	14.14	55.0	9.44	12.9	9.25
September	9.72	7.88	9.69	24.52	96.8	14.55	55.6	9.62	12.8	8.37
October	8.65	5.66	6.79	18.62	96.9	12.85	60.2	7.18	13.0	5.94
November	8.46	5.45	6.72	15.56	97.2	11.89	66.5	6.76	13.2	5.84
December	7.43	5.53	8.11	14.66	97.1	11.97	70.2	8.08	13.4	9.35
Annual average	10.71	6.45	6.87	14.75	96.7	11.32	65.8	7.69	13.4	7.51
2023										
January	7.96	3.27	9.12	15.44	96.9	12.60	70.2	7.18	13.8	7.50
February	7.90	2.38	6.57	15.18	96.9	12.14	69.7	5.95	13.9	4.64
March	7.21	2.31	5.11	13.90	96.9	11.07	68.8	5.00	13.5	3.51
April	7.13	2.16	4.31	14.56	96.5	10.54	65.2	4.04	13.1	2.81
May	6.09	2.15	4.01	16.89	96.2	10.58	60.8	3.54	13.2	2.63
June	5.69	2.18	4.54	20.33	96.6	10.82	57.6	3.52	12.6	2.67
July	6.81	2.55	4.82	22.22	96.8	10.99	55.7	3.84	12.7	3.07
August	6.96	2.58	4.86	23.44	96.6	11.21	55.0	3.80	13.2	3.02
September	7.46	2.64	4.90	22.06	96.8	11.01	56.0	3.81	12.6	2.95
October	6.84	2.98	4.11	16.86	97.3	10.19	61.2	4.05	13.2	3.02
November	6.53	2.72	4.37	13.49	97.1	9.77	66.2	4.35	13.9	3.52
December	6.63	2.52	4.44	13.05	97.2	9.93	68.9	4.48	13.9	3.42
Annual average	6.92	2.53	5.56	15.39	96.9	11.07	65.4	4.53	13.3	3.50
2024										
January	7.28	3.18	4.77	11.81	96.7	9.49	70.8	4.95	14.2	5.07
February	7.47	1.72	4.54	13.25	97.1	10.03	69.0	4.72	14.4	3.01
March	7.03	1.49	4.01	13.79	96.9	10.02	67.6	3.70	14.3	2.29
April	7.08	1.60	3.35	14.57	96.6	9.97	63.6	3.36	13.7	2.12
May	R6.65	2.12	3.69	R17.95	96.6	10.41	58.2	3.10	13.5	2.35
June	R6.82	2.53	4.39	21.09	96.8	10.77	55.9	3.62	13.0	2.79
July	6.92	2.07	4.56	R22.97	96.9	11.15	53.5	3.54	13.4	2.59
August	R6.64	1.99	4.21	23.46	96.8	10.85	54.0	3.10	13.5	2.31
September	R6.35	2.28	4.20	22.73	97.0	10.92	53.0	3.28	13.4	2.46
October	R7.21	2.20	4.08	R18.59	97.1	R10.52	R57.8	3.84	13.4	2.71
November	7.09	2.12	3.97	14.82	97.3	10.16	62.9	3.92	13.7	2.75
2024 11-month YTD	6.95	2.12	4.24	14.92	96.9	10.14	63.4	3.77	13.7	2.77
2023 11-month YTD	6.95	2.54	5.74	15.77	96.8	11.23	64.9	4.53	13.3	3.50
2022 11-month YTD	10.99	6.53	6.64	14.77	96.7	11.22	65.2	7.65	13.4	7.21

^a We derive the natural gas plant liquid (NGPL) composite spot price, shown in dollars per million Btu (\$/MMBtu), from daily Bloomberg spot price data for natural gas plant liquids at Mont Belvieu, Texas, weighted by gas processing plant production volumes of each product as reported on Form EIA-816, *Monthly Natural Gas Liquids Report*. Appendix A, Explanatory Note 9, contains a full discussion of spot prices.

^b The natural gas spot price, shown in \$/MMBtu, represents the average of the daily closing spot prices for natural gas at the Henry Hub in Louisiana, taken from Refinitiv, an LSEG business. Appendix A, Explanatory Note 9, contains a full discussion of spot prices.

^c Percentage of total deliveries represented by onsystem sales (as shown in Figure 6). Table 24 contains state data.

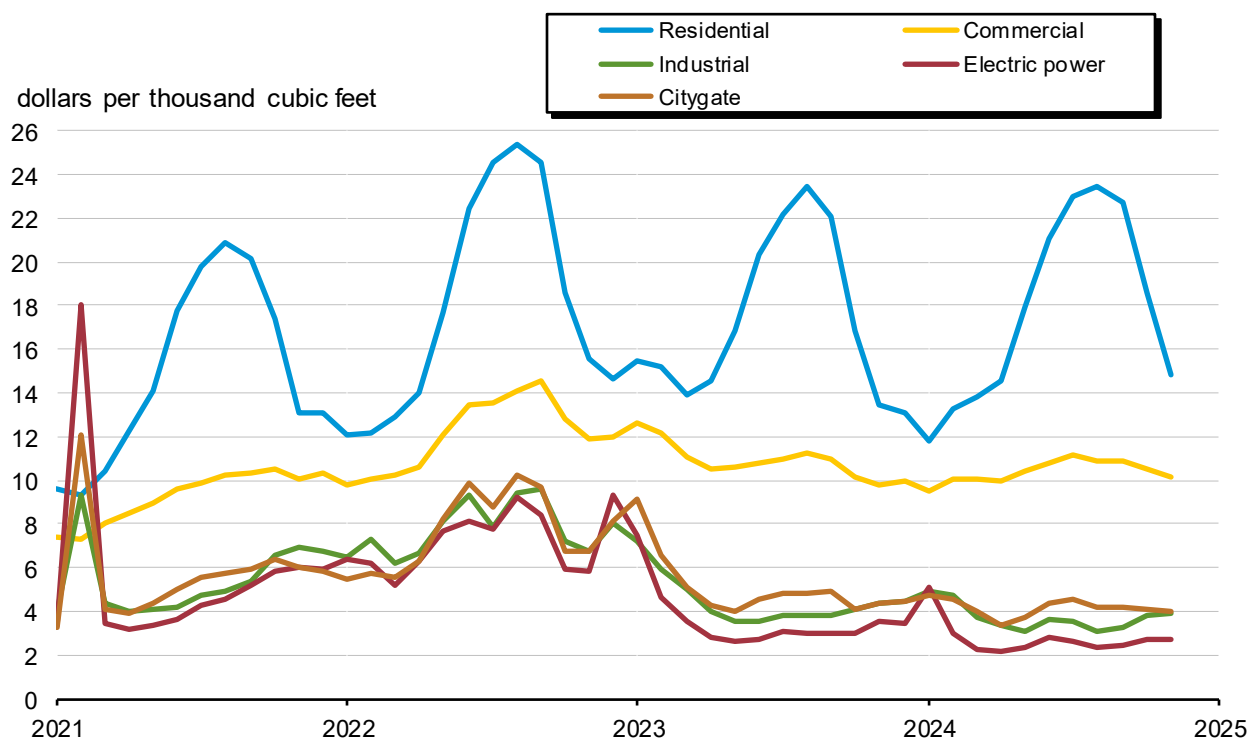
^d The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Data include nonregulated members of the electric power sector.

^R Revised data.

Source: 2019-2023: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2023*. January 2024 through current month: Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-910, *Monthly Natural Gas Marketer Survey*; Form EIA-923, *Power Plant Operations Report*; Form EIA-816; Bloomberg; Refinitiv, an LSEG business; and EIA estimates.

Note: Prices are in nominal dollars. U.S. prices represent the weighted average of the states in each sector. Data for 2019 through 2023 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 states and the District of Columbia. Published residential, commercial, and industrial prices are considered to be total prices paid by end-users per thousand cubic feet of natural gas in the respective sectors, inclusive of all tax, delivery, commodity, demand and other charges.

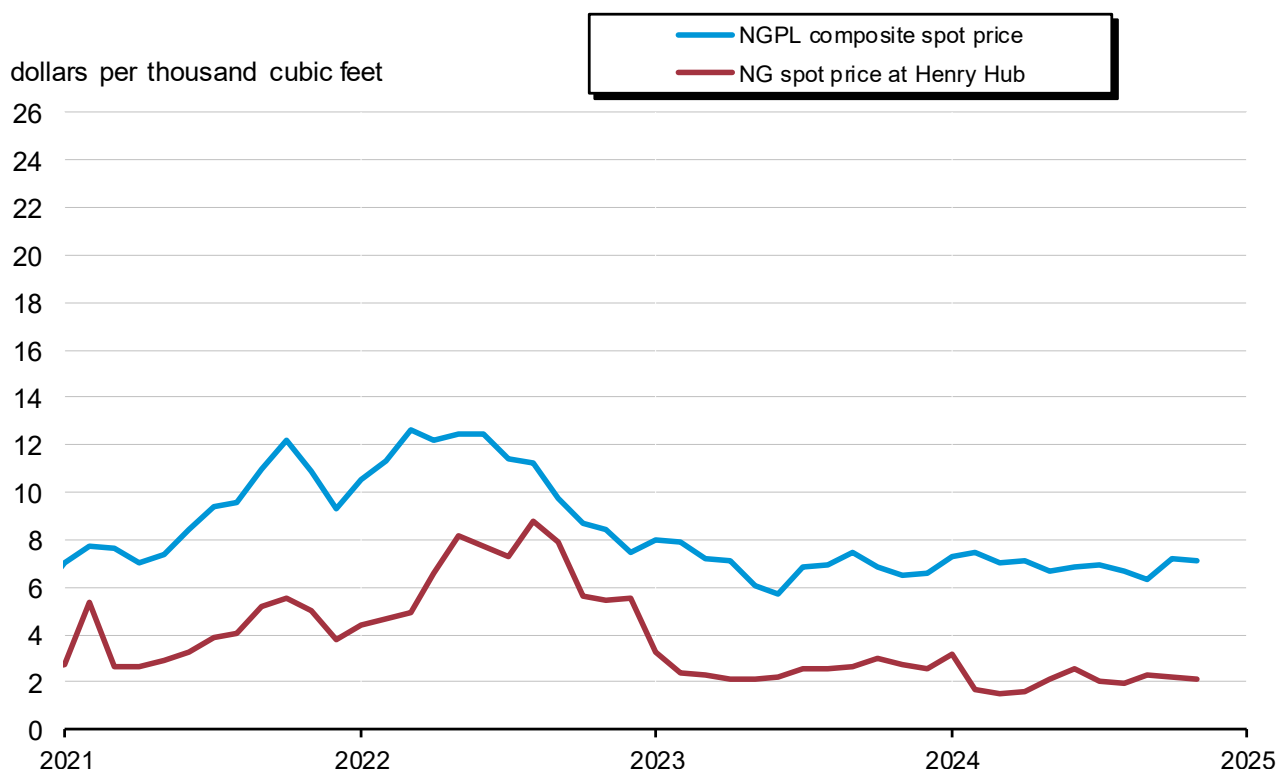
Figure 3. Average citygate and consumer prices of natural gas in the United States, 2021-2024



Source: 2021-2023: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2023*. January 2024 through current month: Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-910, *Monthly Natural Gas Marketer Survey*; Form EIA-923, *Power Plant Operations Report*; Form EIA-816; Bloomberg; Refinitiv, an LSEG business; and EIA estimates.

Note: Prices are in nominal dollars.

Figure 4. Spot prices of natural gas and natural gas plant liquids in the United States, 2021-2024



Source: 2021-2023: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2023*. January 2024 through current month: Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-910, *Monthly Natural Gas Marketer Survey*; Form EIA-923, *Power Plant Operations Report*; Form EIA-816; Bloomberg; Refinitiv, an LSEG business; and EIA estimates.

Note: Prices are in nominal dollars.

Table 4. U.S. natural gas imports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet

	2024 11-month YTD	2023 11-month YTD	2022 11-month YTD	November	October	September	August	2024 July
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	2,820,289	2,637,554	2,707,655	270,345	253,851	244,374	260,737	271,353
Mexico	286	964	918	20	21	21	79	21
Total pipeline imports	2,820,575	2,638,519	2,708,572	270,365	253,872	244,396	260,815	271,374
LNG								
By truck								
Canada	683	1,948	1,559	42	61	40	65	49
By vessel								
Jamaica	0	1,259	0	0	0	0	0	0
Norway	5,037	0	0	0	0	2,100	0	0
Trinidad/Tobago	8,534	9,272	20,725	0	0	0	0	0
Total LNG imports	14,254	12,479	22,284	42	61	2,141	65	49
CNG								
Canada	304	317	347	32	34	27	11	21
Total CNG imports	304	317	347	32	34	27	11	21
Total imports	2,835,134	2,651,314	2,731,203	270,439	253,967	246,564	260,891	271,444
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	1.89	3.29	5.79	1.92	1.60	1.25	1.29	1.47
Mexico	1.33	17.02	13.31	1.13	1.44	0.84	1.95	1.55
Total pipeline imports	1.89	3.29	5.79	1.92	1.60	1.25	1.29	1.47
LNG								
By truck								
Canada	4.61	4.73	7.96	4.55	4.74	5.32	3.98	4.19
By vessel								
Jamaica	--	40.24	--	--	--	--	--	--
Norway	13.01	--	--	--	--	12.43	--	--
Trinidad/Tobago	11.42	21.15	28.79	--	--	--	--	--
Total LNG imports	11.65	20.51	27.34	4.55	4.74	12.30	3.98	4.19
CNG								
Canada	2.88	6.92	10.41	2.66	2.36	2.14	2.14	2.66
Total CNG imports	2.88	6.92	10.41	2.66	2.36	2.14	2.14	2.66
Total imports	1.94	3.37	5.97	1.92	1.60	1.35	1.29	1.47
Net imports - volume	-4,175,896	-4,249,478	-3,576,628	-369,112	R-394,881	-391,747	-389,387	-336,683

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2024						2023	
	June	May	April	March	February	January	Total	December
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	246,680	238,395	221,816	238,671	255,471	318,596	2,911,603	274,049
Mexico	20	20	20	21	20	23	986	22
Total pipeline imports	246,700	238,416	221,836	238,691	255,492	318,619	2,912,590	274,071
LNG								
By truck								
Canada	28	29	45	70	143	111	2,052	104
By vessel								
Jamaica	0	0	0	0	0	0	1,259	0
Norway	0	0	0	0	0	2,937	0	0
Trinidad/Tobago	0	0	0	4,622	2,620	1,291	11,929	2,657
Total LNG imports	28	29	45	4,692	2,763	4,339	15,239	2,761
CNG								
Canada	19	26	32	30	35	39	346	28
Total CNG imports	19	26	32	30	35	39	346	28
Total imports	246,747	238,470	221,912	243,413	258,290	322,997	2,928,175	276,860
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	1.45	1.33	1.36	1.56	2.33	4.48	3.23	2.67
Mexico	1.42	0.51	0.53	0.54	1.45	1.56	16.68	1.67
Total pipeline imports	1.45	1.33	1.36	1.56	2.33	4.48	3.23	2.67
LNG								
By truck								
Canada	4.77	4.13	6.38	3.98	4.86	4.31	4.74	4.89
By vessel								
Jamaica	--	--	--	--	--	--	40.24	--
Norway	--	--	--	--	--	13.42	--	--
Trinidad/Tobago	--	--	--	10.01	13.06	13.12	20.02	16.08
Total LNG imports	4.77	4.13	6.38	9.92	12.64	13.10	19.63	15.66
CNG								
Canada	2.30	2.06	2.11	2.35	4.32	4.85	6.67	3.85
Total CNG imports	2.30	2.06	2.11	2.35	4.32	4.85	6.67	3.85
Total imports	1.45	1.33	1.36	1.72	2.44	4.60	3.32	2.80
Net imports - volume	-380,025	-407,933	-345,311	-424,576	-385,242	-351,001	-4,681,422	-431,944

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2023							
	November	October	September	August	July	June	May	April
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	250,849	230,700	229,786	246,138	254,550	231,243	214,467	220,126
Mexico	21	23	21	22	22	21	23	23
Total pipeline imports	250,869	230,723	229,808	246,160	254,572	231,264	214,490	220,149
LNG								
By truck								
Canada	152	221	178	261	244	267	251	200
By vessel								
Jamaica	0	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0	0
Trinidad/Tobago	0	0	0	0	1,257	0	1,370	0
Total LNG imports	152	221	178	261	1,501	267	1,621	200
CNG								
Canada	21	26	23	14	20	23	34	39
Total CNG imports	21	26	23	14	20	23	34	39
Total imports	251,042	230,969	230,008	246,435	256,093	231,555	216,145	220,387
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	3.02	2.36	2.27	2.52	2.39	2.02	1.98	2.50
Mexico	1.81	1.62	1.54	1.41	1.68	1.23	1.05	0.88
Total pipeline imports	3.02	2.36	2.27	2.52	2.39	2.01	1.98	2.50
LNG								
By truck								
Canada	4.97	4.62	5.14	4.20	4.25	4.24	4.03	4.61
By vessel								
Jamaica	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--
Trinidad/Tobago	--	--	--	--	11.51	--	6.60	--
Total LNG imports	4.97	4.62	5.14	4.20	10.33	4.24	6.20	4.61
CNG								
Canada	2.91	2.12	1.79	2.02	2.28	3.14	2.70	3.20
Total CNG imports	2.91	2.12	1.79	2.02	2.28	3.14	2.70	3.20
Total imports	3.03	2.36	2.28	2.52	2.44	2.02	2.01	2.50
Net imports - volume	-403,188	-420,836	-395,616	-388,064	-378,392	-375,753	-422,237	-400,309

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2023				2022			
	March	February	January	Total	December	November	October	September
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	248,095	239,221	272,379	2,997,435	289,780	244,738	239,239	233,605
Mexico	24	617	147	1,064	146	22	24	133
Total pipeline imports	248,119	239,838	272,526	2,998,498	289,926	244,760	239,263	233,738
LNG								
By truck								
Canada	34	64	76	1,732	173	180	208	160
By vessel								
Jamaica	0	0	1,259	0	0	0	0	0
Norway	0	0	0	0	0	0	0	0
Trinidad/Tobago	1,324	3,992	1,329	23,535	2,810	1,216	0	0
Total LNG imports	1,358	4,057	2,663	25,268	2,983	1,395	208	160
CNG								
Canada	42	36	40	377	31	29	36	29
Total CNG imports	42	36	40	377	31	29	36	29
Total imports	249,519	243,931	275,230	3,024,143	292,940	246,184	239,507	233,927
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	3.19	4.83	8.17	6.14	9.46	5.61	4.67	5.99
Mexico	1.40	19.86	26.36	14.72	23.62	3.63	4.59	23.67
Total pipeline imports	3.19	4.87	8.18	6.15	9.46	5.61	4.67	6.00
LNG								
By truck								
Canada	4.98	6.93	9.29	8.09	9.28	7.29	8.51	8.61
By vessel								
Jamaica	--	--	40.24	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--
Trinidad/Tobago	19.39	23.26	40.71	30.01	38.97	43.69	--	--
Total LNG imports	19.02	23.00	39.59	28.51	37.25	39.01	8.51	8.61
CNG								
Canada	5.95	12.97	24.00	11.50	23.74	7.13	6.22	9.23
Total CNG imports	5.95	12.97	24.00	11.50	23.74	7.13	6.22	9.23
Total imports	3.28	5.17	8.49	6.33	9.75	5.80	4.67	6.00
Net imports - volume	-400,865	-330,842	-333,376	-3,882,289	-305,661	-308,834	-314,822	-292,538

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2022							
	August	July	June	May	April	March	February	January
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	232,632	254,087	228,653	230,195	244,792	256,763	253,247	289,703
Mexico	176	196	24	24	24	53	189	54
Total pipeline imports	232,808	254,283	228,677	230,218	244,816	256,816	253,436	289,757
LNG								
By truck								
Canada	190	150	178	163	151	49	55	75
By vessel								
Jamaica	0	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0	0
Trinidad/Tobago	2,862	2,736	0	482	0	2,600	4,448	6,381
Total LNG imports	3,052	2,886	178	645	151	2,649	4,503	6,456
CNG								
Canada	24	27	27	36	31	34	38	35
Total CNG imports	24	27	27	36	31	34	38	35
Total imports	235,884	257,197	228,882	230,899	244,998	259,499	257,977	296,248
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	6.50	5.93	7.03	6.70	5.49	4.44	5.25	6.23
Mexico	22.00	12.62	7.81	6.16	4.20	4.42	7.95	6.87
Total pipeline imports	6.51	5.93	7.03	6.70	5.49	4.44	5.25	6.23
LNG								
By truck								
Canada	7.96	8.91	9.16	7.65	7.36	6.31	5.96	6.24
By vessel								
Jamaica	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--
Trinidad/Tobago	15.36	11.96	--	12.83	--	30.70	29.59	39.08
Total LNG imports	14.89	11.80	9.16	11.52	7.36	30.24	29.30	38.70
CNG								
Canada	9.46	7.27	8.94	7.48	6.07	9.80	20.64	18.96
Total CNG imports	9.46	7.27	8.94	7.48	6.07	9.80	20.64	18.96
Total imports	6.62	6.00	7.03	6.72	5.49	4.70	5.67	6.94
Net imports - volume	-322,147	-302,645	-324,877	-385,766	-342,387	-379,575	-288,450	-314,587

^a EIA has reduced the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on the same physical basis as other reported volumes of pipeline imports.

^b For the "Other" area the point of origin for volumes of imported LNG was unassigned in the reports to the Office of Fossil Energy and Carbon Management.

-- Not applicable.

^R Revised data.

Source: Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*.

Note: In the case of missing import or export reports on Form FE-746R, *Import and Export of Natural Gas*, we estimate the missing volumes using pipeline flows or other available information. Prices are in nominal dollars. LNG prices are a volume-weighted average of the prices reported by cargo. The "Natural Gas Imports and Exports Monthly Reports" (<https://www.energy.gov/fecm/listings/natural-gas-imports-and-exports-monthly-reports>) from the Office of Fossil Energy and Carbon Management, U.S. Department of Energy, provides more information on what is included in the individual LNG prices. Totals may not equal sum of components because of independent rounding and/or withheld data.

Table 5. U.S. natural gas exports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet

	2024 11-month YTD	2023 11-month YTD	2022 11-month YTD	November	October	September	August	2024 July
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	886,182	913,749	862,156	85,197	\$71,800	69,683	65,952	66,314
Mexico	2,167,739	2,066,951	1,919,989	178,242	200,794	205,539	220,693	217,872
Total pipeline exports	3,053,921	2,980,700	2,782,146	263,439	\$272,593	275,222	286,645	284,187
LNG								
Exports								
By vessel								
Antigua and Barbuda	63	42	21	5	8	2	7	6
Argentina	51,838	76,921	66,939	0	0	0	4,270	11,310
Bahamas	464	466	447	43	43	34	45	54
Bangladesh	33,010	20,889	12,663	6,528	\$10,291	6,328	0	0
Barbados	249	0	93	10	34	23	24	18
Belgium	40,841	82,745	76,971	0	3,682	3,372	0	0
Brazil	101,163	34,888	71,998	9,837	13,494	21,787	16,737	3,531
Chile	50,297	31,217	30,131	2,434	0	0	3,695	10,640
China	206,173	159,298	89,668	10,693	\$11,448	31,621	28,150	29,700
Colombia	48,244	24,852	5,703	3,243	5,326	9,766	5,160	1,376
Croatia	47,238	52,389	71,083	0	10,186	0	3,654	0
Dominican Republic	80,883	70,585	44,179	4,826	9,688	5,242	9,625	3,152
Egypt	107,716	0	0	21,923	\$21,571	10,957	14,658	24,297
El Salvador	1,167	1	0	1,167	0	0	0	0
Finland	13,181	35,707	0	0	0	0	0	3,432
France	312,202	452,214	533,089	23,601	\$39,630	24,388	8,293	14,207
Germany	197,838	185,167	1	16,296	14,707	21,633	14,167	14,262
Greece	47,953	31,139	66,161	14,633	\$8,048	0	1,651	1,208
Haiti	77	100	106	0	0	0	10	11
India	252,283	147,263	108,379	6,774	27,366	31,990	24,876	28,326
Indonesia	6,053	3,157	3,323	3,392	428	\$0	1,030	0
Italy	168,085	176,532	109,042	19,322	17,527	17,217	21,124	3,965
Jamaica	14,505	8,568	1,369	776	1,146	3,523	1	1,409
Japan	313,010	282,729	188,685	27,725	30,025	32,183	30,289	30,453
Jordan	38,874	3,282	0	0	0	7,116	3,463	13,537
Kuwait	34,633	35,185	57,018	0	2,337	3,831	3,294	0
Lithuania	45,920	51,924	73,932	3,682	9,983	6,878	3,208	3,334
Malaysia	18,226	0	0	0	0	0	3,694	7,366
Malta	4,631	2,592	5,273	2,295	0	0	0	2,336
Mexico	6,611	10,001	3,292	0	2,550	0	751	0
Netherlands	435,495	539,899	338,436	29,842	\$32,221	48,864	37,494	22,461
Pakistan	0	0	3,074	0	0	0	0	0
Panama	19,610	19,237	13,509	2,518	0	2,382	1,945	0
Philippines	3,645	6,823	0	0	0	0	0	0
Poland	122,234	128,773	113,519	14,011	10,866	14,417	11,026	16,541
Portugal	64,662	69,911	59,558	6,386	3,070	6,435	6,188	6,314
Singapore	55,695	23,320	22,980	10,739	3,920	0	6,791	3,329
South Korea	278,355	240,592	268,032	16,211	21,279	25,698	42,728	24,150
Spain	175,333	253,874	392,810	10,584	7,021	14,107	20,877	12,532
Taiwan	111,661	97,420	97,535	10,102	9,622	9,647	9,828	12,857
Thailand	104,148	55,659	25,988	3,559	10,743	0	10,917	14,037
Turkiye	146,718	114,099	174,088	47,445	24,106	0	0	0
United Arab Emirates	3,064	0	0	0	0	0	0	0
United Kingdom	191,542	389,972	395,130	45,444	\$13,835	3,575	13,891	3,703
By truck								
Canada	74	78	68	18	0	9	8	7
Mexico	113	584	1,391	1	0	4	8	12
Re-exports								
By vessel								
United Kingdom	607	0	0	0	0	0	0	0
Total LNG exports	3,956,384	3,920,092	3,525,683	376,065	376,200	363,030	363,574	323,873
CNG								
Canada	726	1	2	46	54	59	58	67
Total CNG exports	726	1	2	46	54	59	58	67
Total exports	7,011,030	6,900,793	6,307,831	639,551	\$648,848	638,310	650,277	608,126

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2024						2023	
	June	May	April	March	February	January	Total	December
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	66,541	66,528	72,527	115,589	113,960	92,090	1,025,017	111,267
Mexico	203,735	212,089	190,852	182,425	169,930	185,566	2,241,553	174,602
Total pipeline exports	270,277	278,618	263,380	298,014	283,891	277,656	3,266,570	285,869
LNG								
Exports								
By vessel								
Antigua and Barbuda	12	8	5	3	7	2	47	6
Argentina	10,114	17,470	8,674	0	0	0	76,921	0
Bahamas	42	52	39	35	34	42	499	32
Bangladesh	3,294	0	3,289	3,281	0	0	24,147	3,257
Barbados	20	17	16	29	37	22	11	11
Belgium	0	0	3,247	6,899	9,386	14,255	97,017	14,272
Brazil	14,000	5,941	1,364	0	6,180	8,292	38,595	3,708
Chile	7,101	7,330	5,441	6,439	3,522	3,696	31,217	0
China	17,042	25,863	10,025	17,376	16,312	7,944	173,247	13,949
Colombia	953	436	1,444	7,974	6,101	6,465	32,014	7,162
Croatia	6,784	3,570	0	10,202	3,377	9,464	55,439	3,050
Dominican Republic	10,812	5,946	12,446	4,552	7,106	7,489	73,761	3,177
Egypt	14,310	0	0	0	0	0	0	0
El Salvador	0	0	0	0	0	0	1	0
Finland	3,212	3,321	3,215	0	0	0	38,469	2,762
France	6,630	19,797	37,672	60,572	49,363	28,049	492,906	40,692
Germany	17,970	26,177	21,479	17,060	16,715	17,371	204,605	19,439
Greece	3,702	5,182	0	3,240	3,136	7,153	39,426	8,287
Haiti	20	10	3	0	6	16	113	13
India	28,782	45,269	20,843	13,842	13,530	10,685	164,325	17,062
Indonesia	771	432	0	0	0	0	3,157	0
Italy	17,597	10,814	14,040	10,256	11,455	24,767	197,816	21,283
Jamaica	475	3	3	3	590	6,576	9,048	480
Japan	27,862	41,155	22,227	28,923	22,827	19,340	310,190	27,461
Jordan	3,954	3,676	3,652	3,477	0	0	3,282	0
Kuwait	7,574	7,216	0	7,207	3,175	0	35,185	0
Lithuania	6,938	0	0	3,641	7,174	1,083	55,332	3,409
Malaysia	0	7,166	0	0	0	0	0	0
Malta	0	0	0	0	0	0	2,592	0
Mexico	33	3,190	0	0	87	0	13,661	3,660
Netherlands	34,890	37,694	47,486	57,169	45,501	41,873	588,557	48,658
Pakistan	0	0	0	0	0	0	3,141	3,141
Panama	2,375	0	3,265	3,448	0	3,677	19,565	328
Philippines	3,645	0	0	0	0	0	6,823	0
Poland	17,301	14,363	3,576	3,685	10,702	5,746	139,635	10,862
Portugal	3,743	4,238	6,469	2,932	9,384	9,503	72,856	2,945
Singapore	3,371	6,851	3,617	7,031	6,851	3,194	23,320	0
South Korea	44,575	28,401	17,457	21,023	16,193	20,640	275,779	35,187
Spain	17,364	8,399	10,127	21,849	13,660	38,812	269,504	15,629
Taiwan	5,923	10,256	13,347	10,374	13,151	6,555	104,075	6,655
Thailand	6,811	7,289	19,342	14,737	8,809	7,904	59,477	3,818
Turkiye	0	0	3,057	8,963	20,454	42,693	156,403	42,304
United Arab Emirates	0	3,064	0	0	0	0	0	0
United Kingdom	6,398	7,100	6,887	13,663	34,117	42,928	450,181	60,209
By truck								
Canada	10	15	8	0	0	0	85	7
Mexico	14	13	14	12	14	21	604	20
Re-exports								
By vessel								
United Kingdom	0	0	0	0	607	0	0	0
Total LNG exports	356,423	367,723	303,776	369,898	359,563	396,260	4,343,027	422,935
CNG								
Canada	73	62	68	77	78	81	1	0
Total CNG exports	73	62	68	77	78	81	1	0
Total exports	626,772	646,403	567,223	667,989	643,532	673,998	7,609,597	708,805

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2023							
	November	October	September	August	July	June	May	April
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	88,967	66,936	76,619	68,390	76,567	75,320	77,984	75,674
Mexico	179,002	200,466	202,402	213,050	208,625	204,115	193,623	169,179
Total pipeline exports	267,969	267,402	279,021	281,440	285,193	279,435	271,608	244,853
LNG								
Exports								
By vessel								
Antigua and Barbuda	4	7	7	5	4	3	3	3
Argentina	0	0	0	0	11,162	22,663	26,930	11,536
Bahamas	34	34	51	47	47	45	45	43
Bangladesh	3,240	0	0	7,095	0	3,624	3,561	0
Barbados	0	0	0	0	0	0	0	0
Belgium	10,288	20,775	13,697	3,363	0	6,953	3,809	4,844
Brazil	3,563	3,720	6,561	3,287	0	8,628	4,196	3,598
Chile	0	0	0	3,065	7,144	4,011	6,419	0
China	25,601	18,013	10,222	14,252	35,337	20,261	6,593	3,426
Colombia	1,844	6,689	10,322	3,149	0	0	2,847	0
Croatia	9,995	0	10,542	3,023	10,121	0	2,932	3,163
Dominican Republic	8,647	8,826	6,734	10,055	6,076	7,443	7,871	6,901
Egypt	0	0	0	0	0	0	0	0
El Salvador	0	0	0	0	1	0	0	0
Finland	3,335	0	7,057	6,630	3,666	1,622	6,935	0
France	58,907	54,072	32,016	34,332	20,589	45,569	51,355	53,211
Germany	14,382	17,901	17,228	20,709	17,245	15,769	16,002	18,546
Greece	0	0	1,968	4,700	0	2,924	4,498	3,905
Haiti	8	8	10	9	8	6	12	11
India	7,441	13,698	24,452	13,713	20,494	14,488	7,140	14,585
Indonesia	0	0	489	766	1,097	0	0	0
Italy	23,786	6,850	22,094	21,519	13,923	13,959	18,845	17,378
Jamaica	122	1,831	4,038	3	1,443	3	289	31
Japan	24,896	24,357	33,375	31,302	44,016	28,031	31,208	13,687
Jordan	0	0	0	0	3,282	0	0	0
Kuwait	0	0	6,636	3,289	7,081	10,670	3,802	3,707
Lithuania	0	6,476	10,666	7,005	3,375	3,629	7,048	3,412
Malaysia	0	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0	0
Mexico	0	1,776	0	0	1,954	0	0	0
Netherlands	36,150	49,701	39,745	53,596	53,296	45,866	64,538	60,234
Pakistan	0	0	0	0	0	0	0	0
Panama	3,530	0	3,196	0	3,295	0	3,289	0
Philippines	3,445	3,378	0	0	0	0	0	0
Poland	14,500	14,213	14,121	10,550	3,635	18,046	17,422	7,165
Portugal	3,204	7,125	6,135	6,660	9,845	3,194	10,424	4,237
Singapore	0	3,279	6,649	3,384	0	10,009	0	0
South Korea	26,140	28,224	24,112	34,932	16,462	17,044	10,958	24,734
Spain	17,280	49,792	10,234	20,023	34,106	12,274	12,266	13,680
Taiwan	3,104	6,686	13,201	14,117	13,090	6,848	10,262	9,774
Thailand	7,581	7,538	0	14,793	7,463	4,242	0	4,225
Turkiye	27,560	4,507	3,531	0	0	0	0	13,908
United Arab Emirates	0	0	0	0	0	0	0	0
United Kingdom	47,642	24,900	7,464	3,655	0	0	25,242	75,836
By truck								
Canada	7	0	16	8	8	17	7	7
Mexico	26	27	35	19	25	34	26	58
Re-exports								
By vessel								
United Kingdom	0	0	0	0	0	0	0	0
Total LNG exports	386,262	384,403	346,604	353,059	349,292	327,872	366,774	375,843
CNG								
Canada	0	0	0	0	0	0	0	0
Total CNG exports	0	0	0	0	0	0	0	0
Total exports	654,230	651,805	625,625	634,499	634,485	607,307	638,382	620,697

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2023				2022			
	March	February	January	Total	December	November	October	September
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	106,178	95,691	105,422	962,160	100,003	91,423	72,738	61,926
Mexico	177,653	152,807	166,028	2,078,627	158,638	160,986	171,766	169,159
Total pipeline exports	283,832	248,498	271,450	3,040,787	258,641	252,410	244,505	231,086
LNG								
Exports								
By vessel								
Antigua and Barbuda	2	2	4	22	1	2	2	3
Argentina	2,343	2,287	0	66,939	0	0	0	0
Bahamas	53	27	42	489	42	35	40	43
Bangladesh	0	0	3,369	12,663	0	0	0	0
Barbados	0	0	0	93	0	1	0	0
Belgium	8,053	7,322	3,640	80,245	3,274	0	7,190	9,165
Brazil	1,334	0	0	71,998	0	0	3,439	0
Chile	7,271	0	3,307	30,131	0	0	0	3,365
China	5,132	2,565	17,896	96,659	6,992	17,308	22,598	10,275
Colombia	0	0	0	5,703	0	0	3,699	0
Croatia	3,694	6,006	2,913	77,286	6,204	5,122	2,922	9,073
Dominican Republic	876	3,514	3,643	50,824	6,644	0	3,469	3,196
Egypt	0	0	0	0	0	0	0	0
El Salvador	0	0	0	0	0	0	0	0
Finland	6,462	0	0	329	329	0	0	0
France	28,581	39,457	34,124	571,399	38,311	50,655	41,959	57,943
Germany	24,841	8,229	14,314	7,113	7,112	1	0	0
Greece	3,156	6,781	3,207	69,031	2,869	421	4,424	0
Haiti	8	11	8	115	9	0	0	8
India	10,230	14,064	6,956	122,518	14,139	10,138	7,005	10,528
Indonesia	0	0	805	6,579	3,256	505	625	509
Italy	13,699	17,555	6,925	116,034	6,992	3,205	0	8,355
Jamaica	540	161	107	1,516	147	137	144	240
Japan	20,102	14,058	17,696	209,220	20,535	24,396	10,684	7,005
Jordan	0	0	0	0	0	0	0	0
Kuwait	0	0	0	57,018	0	0	3,299	7,038
Lithuania	3,599	0	6,713	77,212	3,281	3,708	7,072	3,541
Malaysia	0	0	0	0	0	0	0	0
Malta	0	0	2,592	5,273	0	2,928	0	0
Mexico	3,051	0	3,219	3,832	539	0	0	0
Netherlands	61,017	39,301	36,453	378,329	39,893	20,645	39,703	30,924
Pakistan	0	0	0	3,074	0	0	0	0
Panama	3,209	0	2,718	13,759	249	3,833	0	0
Philippines	0	0	0	0	0	0	0	0
Poland	7,236	10,347	11,538	127,404	13,885	3,453	7,095	16,917
Portugal	6,133	6,138	6,816	69,583	10,025	3,732	7,005	5,806
Singapore	0	0	0	22,980	0	0	6,628	0
South Korea	10,807	22,672	24,507	292,732	24,700	14,069	38,844	19,736
Spain	38,096	32,138	13,987	426,657	33,847	26,445	26,369	21,263
Taiwan	10,311	6,557	3,471	106,738	9,203	3,592	9,041	9,753
Thailand	4,249	1,829	3,738	25,988	0	0	0	3,673
Turkiye	11,866	13,444	39,283	192,067	17,979	31,430	10,333	5,458
United Arab Emirates	0	0	0	0	0	0	0	0
United Kingdom	70,499	71,702	63,032	464,462	69,332	76,693	46,040	51,467
By truck								
Canada	7	0	0	76	8	0	19	0
Mexico	96	106	133	1,552	160	153	175	94
Re-exports								
By vessel								
United Kingdom	0	0	0	0	0	0	0	0
Total LNG exports	366,552	326,275	337,155	3,865,643	339,960	302,608	309,823	295,379
CNG								
Canada	*	*	*	2	0	*	1	*
Total CNG exports	*	*	*	2	0	*	1	*
Total exports	650,384	574,773	608,605	6,906,432	598,601	555,018	554,328	526,465

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2022							
	August	July	June	May	April	March	February	January
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	75,220	69,774	70,105	79,214	80,475	105,074	74,630	81,577
Mexico	182,596	189,652	182,995	186,003	176,447	169,885	155,032	175,467
Total pipeline exports	257,816	259,426	253,100	265,217	256,922	274,958	229,662	257,045
LNG								
Exports								
By vessel								
Antigua and Barbuda	2	2	3	2	3	2	0	2
Argentina	2,202	9,448	25,246	20,111	9,933	0	0	0
Bahamas	53	45	47	42	34	43	31	34
Bangladesh	0	0	0	3,346	0	3,421	5,896	0
Barbados	0	0	0	0	0	34	31	28
Belgium	3,589	0	7,023	3,441	7,341	17,743	7,691	13,786
Brazil	10,542	5,192	3,857	15,303	3,448	2,236	10,660	17,322
Chile	0	6,917	0	9,943	3,530	3,214	0	3,162
China	10,272	784	7,329	0	10,217	7,527	3,357	0
Colombia	606	0	912	0	0	0	0	486
Croatia	7,824	4,600	7,925	8,543	6,763	3,358	5,870	9,084
Dominican Republic	3,357	6,532	5,838	4,964	3,645	6,530	0	6,647
Egypt	0	0	0	0	0	0	0	0
El Salvador	0	0	0	0	0	0	0	0
Finland	0	0	0	0	0	0	0	0
France	33,885	53,443	37,564	47,150	56,343	64,415	39,646	50,084
Germany	0	0	0	0	0	0	0	0
Greece	10,763	12,922	9,633	12,650	1,336	4,116	8,094	1,802
Haiti	11	8	13	9	11	10	16	20
India	10,265	13,902	10,653	7,152	14,223	10,438	7,210	6,866
Indonesia	967	0	0	0	0	0	717	0
Italy	15,462	9,914	7,137	21,696	15,519	7,088	13,629	7,037
Jamaica	110	121	48	144	135	92	111	86
Japan	20,156	18,189	21,561	24,024	13,231	17,697	10,214	21,527
Jordan	0	0	0	0	0	0	0	0
Kuwait	6,415	5,382	8,105	14,204	7,298	0	5,277	0
Lithuania	7,579	7,947	6,729	11,237	13,770	5,700	3,131	3,518
Malaysia	0	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	2,345	0
Mexico	0	0	3,292	0	0	0	0	0
Netherlands	50,020	32,637	34,420	28,902	28,395	24,922	31,591	16,279
Pakistan	0	0	0	0	3,074	0	0	0
Panama	0	0	623	1,192	1,536	0	3,069	3,255
Philippines	0	0	0	0	0	0	0	0
Poland	6,885	17,780	14,282	18,224	13,882	3,831	7,475	3,695
Portugal	3,202	6,412	5,582	3,888	6,632	10,728	3,703	2,868
Singapore	0	6,275	3,352	0	0	6,725	0	0
South Korea	36,033	34,342	25,054	17,538	13,813	19,289	27,489	21,824
Spain	26,140	34,396	29,639	40,337	40,259	59,224	39,359	49,379
Taiwan	8,901	9,353	6,892	15,975	9,541	12,161	6,115	6,211
Thailand	3,607	0	6,920	3,419	0	0	4,880	3,490
Turkiye	0	0	7,542	7,281	6,637	16,629	43,697	45,081
United Arab Emirates	0	0	0	0	0	0	0	0
United Kingdom	21,263	3,797	3,326	10,608	39,775	56,799	25,301	60,060
By truck								
Canada	0	0	8	8	15	0	4	13
Mexico	103	76	105	115	122	144	157	148
Re-exports								
By vessel								
United Kingdom	0	0	0	0	0	0	0	0
Total LNG exports	300,215	300,415	300,659	351,448	330,463	364,116	316,766	353,791
CNG								
Canada	*	1	*	0	0	*	0	0
Total CNG exports	*	1	*	0	0	*	0	0
Total exports	558,031	559,842	553,760	616,665	587,385	639,074	546,428	610,836

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2024 11-month YTD	2023 11-month YTD	2022 11-month YTD	November	October	September	August	2024 July
Exports								
Average price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.09	2.64	6.46	2.33	2.10	1.88	1.77	2.04
Mexico	1.71	2.50	6.29	1.68	1.82	1.52	1.11	1.55
Total pipeline exports	1.82	2.54	6.34	1.89	1.90	1.61	1.26	1.66
LNG								
Exports								
By vessel								
Antigua and Barbuda	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80
Argentina	6.24	11.57	13.89	--	--	--	6.14	7.15
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	5.83	10.84	10.05	4.96	R5.96	7.47	--	--
Barbados	10.39	--	10.48	10.39	10.39	10.39	10.39	10.39
Belgium	6.47	6.78	12.73	--	11.58	5.53	--	--
Brazil	6.05	9.61	11.64	6.18	6.24	5.49	5.12	10.10
Chile	6.41	6.75	10.53	5.53	--	--	8.80	5.86
China	5.89	8.53	11.75	5.29	R7.85	6.33	4.73	7.01
Colombia	6.41	6.87	12.72	6.01	10.21	5.56	5.68	6.65
Croatia	5.88	6.72	11.87	--	6.58	--	5.43	--
Dominican Republic	6.60	10.29	12.90	10.06	7.50	6.71	4.80	7.00
Egypt	6.48	--	--	5.52	5.82	7.31	5.66	7.36
El Salvador	5.53	5.85	--	5.53	--	--	--	--
Finland	6.53	10.15	--	--	--	--	--	9.42
France	6.26	7.64	12.52	8.11	R7.08	5.54	4.75	7.13
Germany	8.74	9.30	10.79	9.82	10.41	9.42	8.77	9.44
Greece	6.59	5.66	14.67	7.35	R5.82	--	5.50	5.86
Haiti	10.39	10.39	10.39	--	--	--	10.39	10.39
India	5.66	6.42	10.95	6.14	6.05	5.31	5.07	6.14
Indonesia	5.08	6.91	11.64	4.70	5.47	--	4.73	--
Italy	5.98	7.66	11.56	6.03	6.62	6.21	5.17	6.25
Jamaica	5.65	7.24	10.77	4.72	5.62	5.54	10.79	6.36
Japan	6.28	6.98	10.73	7.11	6.56	5.77	6.93	6.55
Jordan	5.48	6.31	--	--	--	5.28	5.51	5.98
Kuwait	5.76	5.85	13.33	--	6.35	11.28	5.58	--
Lithuania	5.99	6.52	11.16	4.73	6.13	5.78	6.04	5.87
Malaysia	6.05	--	--	--	--	--	8.72	5.60
Malta	4.46	8.23	8.87	3.04	--	--	--	5.86
Mexico	5.48	8.03	13.83	--	5.67	--	6.82	--
Netherlands	6.09	7.61	12.71	6.80	R6.18	5.98	5.29	6.40
Pakistan	--	--	9.53	--	--	--	--	--
Panama	7.21	6.61	10.94	4.73	--	11.04	6.03	--
Philippines	5.22	10.89	--	--	--	--	--	--
Poland	6.41	6.49	19.33	5.57	9.14	4.77	5.08	6.01
Portugal	5.26	5.83	10.39	5.20	5.16	4.67	4.67	5.54
Singapore	5.84	6.68	14.95	5.72	6.96	--	4.26	6.40
South Korea	5.99	7.34	12.62	6.27	6.09	5.41	6.09	6.28
Spain	5.77	7.61	11.01	5.31	6.47	5.92	5.13	6.42
Taiwan	5.88	6.51	10.96	5.33	7.57	4.93	6.82	6.48
Thailand	6.06	6.11	15.94	11.75	5.99	--	5.04	7.09
Turkiye	6.83	8.36	10.90	7.12	6.81	--	--	--
United Arab Emirates	5.13	--	--	--	--	--	--	--
United Kingdom	7.23	7.74	11.89	7.15	R7.78	7.05	7.97	6.90
By truck								
Canada	12.86	14.47	16.93	11.62	--	12.65	12.43	12.98
Mexico	6.20	8.57	13.41	6.14	--	5.86	5.86	6.57
Re-exports								
By vessel								
United Kingdom	6.83	--	--	--	--	--	--	--
Total LNG exports	6.28	7.64	12.20	6.70	6.86	6.09	5.77	6.72
CNG								
Canada	5.14	4.01	3.09	2.85	4.54	4.29	4.18	5.36
Total CNG exports	5.14	4.01	3.09	2.85	4.54	4.29	4.18	5.36
Total exports	4.34	5.44	9.62	4.72	4.78	4.16	3.78	4.36

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2024						2023	
	June	May	April	March	February	January	Total	December
Exports								
Average price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.06	1.75	1.64	1.72	2.19	3.30	2.64	2.57
Mexico	1.92	R1.38	R0.99	R1.39	R2.22	R3.42	2.49	2.43
Total pipeline exports	1.95	R1.47	R1.17	R1.52	R2.20	R3.38	2.54	2.48
LNG								
Exports								
By vessel								
Antigua and Barbuda	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80
Argentina	7.12	5.29	5.96	--	--	--	11.57	--
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	5.39	--	5.10	5.14	--	--	10.72	9.98
Barbados	10.39	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Belgium	--	--	5.17	5.29	5.89	6.63	6.68	6.14
Brazil	7.43	5.14	5.63	--	4.52	6.78	9.25	5.87
Chile	6.83	6.70	4.77	8.13	4.73	5.85	6.75	--
China	5.96	5.31	4.83	6.15	5.61	5.26	8.42	7.12
Colombia	6.49	5.16	5.20	6.26	6.20	6.06	6.82	6.62
Croatia	5.76	4.63	--	4.13	4.73	8.14	6.65	5.47
Dominican Republic	5.51	5.07	5.57	9.54	5.53	9.00	10.36	11.91
Egypt	7.65	--	--	--	--	--	--	--
El Salvador	--	--	--	--	--	--	5.85	--
Finland	6.74	4.18	5.64	--	--	--	10.27	11.91
France	6.62	5.03	4.99	5.63	7.44	5.93	7.58	6.91
Germany	8.80	7.30	8.02	9.32	7.73	8.34	9.19	8.14
Greece	6.30	8.01	--	4.19	5.63	6.93	5.84	6.53
Haiti	10.39	10.39	10.39	--	10.39	10.39	10.39	10.39
India	6.16	5.32	5.39	5.05	5.90	6.57	6.39	6.11
Indonesia	6.44	6.09	--	--	--	--	6.91	--
Italy	6.43	5.79	4.87	5.15	6.37	6.51	7.50	6.13
Jamaica	6.05	10.80	8.71	9.09	4.00	5.79	7.22	6.98
Japan	6.39	6.07	5.70	5.34	6.24	6.51	6.97	6.84
Jordan	4.42	5.78	5.19	5.14	--	--	6.31	--
Kuwait	5.56	4.29	--	4.19	6.24	--	5.85	--
Lithuania	5.98	--	--	7.42	5.98	5.85	6.54	6.96
Malaysia	--	5.14	--	--	--	--	--	--
Malta	--	--	--	--	--	--	8.23	--
Mexico	5.03	5.05	--	--	3.97	--	8.61	10.19
Netherlands	6.82	5.00	5.24	5.14	6.81	8.06	7.61	7.59
Pakistan	--	--	--	--	--	--	12.22	12.22
Panama	8.35	--	4.85	5.49	--	10.00	6.70	12.22
Philippines	5.22	--	--	--	--	--	10.89	--
Poland	6.93	6.61	7.88	5.69	6.57	8.21	6.41	5.43
Portugal	5.42	5.32	4.74	4.01	5.87	5.96	5.87	6.97
Singapore	6.19	6.48	3.93	6.62	5.94	6.04	6.68	--
South Korea	6.70	5.14	5.09	4.89	7.01	6.51	7.21	6.26
Spain	5.67	5.18	4.91	4.98	6.20	6.52	7.55	6.49
Taiwan	5.03	5.91	5.30	5.39	5.84	5.80	6.46	5.78
Thailand	7.95	4.54	5.26	5.07	6.93	5.75	6.42	10.99
Turkiye	--	--	4.83	7.45	6.67	6.59	7.71	5.96
United Arab Emirates	--	5.13	--	--	--	--	--	--
United Kingdom	6.20	7.48	6.40	6.47	7.23	7.41	7.66	7.18
By truck								
Canada	15.21	13.16	12.89	--	--	--	14.54	15.29
Mexico	6.36	5.56	5.54	5.62	6.71	6.89	8.53	7.21
Re-exports								
By vessel								
United Kingdom	--	--	--	--	6.83	--	--	--
Total LNG exports	6.57	5.63	5.46	5.69	6.56	6.89	7.57	6.94
CNG								
Canada	4.51	4.00	4.15	2.26	6.53	11.63	4.01	--
Total CNG exports	4.51	4.00	4.15	2.26	6.53	11.63	4.01	--
Total exports	4.58	R3.84	R3.46	R3.83	R4.64	R5.44	5.41	5.14

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2023							
	November	October	September	August	July	June	May	April
Exports								
Average price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.79	2.30	2.15	2.10	2.28	2.06	1.97	2.11
Mexico	2.48	2.48	2.54	2.62	2.63	2.25	1.98	1.87
Total pipeline exports	2.59	2.44	2.43	2.50	2.54	2.20	1.97	1.94
LNG								
Exports								
By vessel								
Antigua and Barbuda	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80
Argentina	--	--	--	--	5.62	14.09	13.09	9.07
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	5.08	--	--	5.89	--	5.80	3.04	--
Barbados	--	--	--	--	--	--	--	--
Belgium	7.16	6.25	5.53	2.98	--	5.20	4.57	5.34
Brazil	6.51	12.34	6.19	6.17	--	11.42	19.45	5.16
Chile	--	--	--	6.10	5.95	5.40	5.70	--
China	7.39	5.84	5.84	5.57	6.56	16.29	5.87	11.12
Colombia	6.71	5.45	7.72	8.00	--	--	5.98	--
Croatia	8.50	--	5.71	6.71	5.98	--	5.47	6.15
Dominican Republic	7.18	8.01	6.29	6.84	6.20	2.89	23.38	15.81
Egypt	--	--	--	--	--	--	--	--
El Salvador	--	--	--	--	5.85	--	--	--
Finland	5.08	--	7.62	6.03	7.08	5.35	14.11	--
France	7.60	6.99	6.60	6.04	6.38	5.59	5.85	8.65
Germany	8.38	8.32	8.47	7.21	10.22	5.80	9.85	5.71
Greece	--	--	5.31	6.06	--	5.35	5.00	4.54
Haiti	10.39	10.39	10.39	10.39	10.39	10.39	10.39	10.39
India	6.38	5.97	6.26	6.43	6.46	5.82	5.60	5.17
Indonesia	--	--	11.16	5.53	5.95	--	--	--
Italy	8.61	8.48	6.51	7.28	6.20	6.24	5.78	6.80
Jamaica	6.57	12.56	5.27	10.52	5.86	10.14	6.06	10.44
Japan	8.40	6.59	6.89	6.95	6.77	6.70	6.51	5.65
Jordan	--	--	--	--	6.31	--	--	--
Kuwait	--	--	6.20	5.92	7.19	5.43	4.57	5.12
Lithuania	--	9.27	6.07	5.77	6.31	5.31	5.81	4.84
Malaysia	--	--	--	--	--	--	--	--
Malta	--	--	--	--	--	--	--	--
Mexico	--	12.56	--	--	5.85	--	--	--
Netherlands	8.58	6.98	6.81	6.75	6.71	6.06	6.27	6.03
Pakistan	--	--	--	--	--	--	--	--
Panama	5.93	--	6.78	--	5.85	--	5.64	--
Philippines	12.15	9.61	--	--	--	--	--	--
Poland	6.75	7.34	5.66	7.38	4.65	6.01	5.01	4.99
Portugal	5.86	5.68	5.43	5.36	5.95	4.69	5.70	5.20
Singapore	--	6.49	8.86	6.17	--	5.46	--	--
South Korea	6.54	7.41	6.61	6.14	6.13	5.79	5.68	5.65
Spain	7.18	7.00	6.12	7.15	6.51	11.16	7.87	8.18
Taiwan	6.90	10.04	5.54	6.41	5.53	7.03	6.53	7.40
Thailand	6.82	6.65	--	5.05	8.05	4.65	--	4.22
Turkiye	7.85	6.52	6.27	--	--	--	--	5.23
United Arab Emirates	--	--	--	--	--	--	--	--
United Kingdom	6.66	6.05	7.14	6.19	--	--	5.80	6.93
By truck								
Canada	16.31	--	14.36	14.32	14.34	13.86	14.60	14.54
Mexico	7.33	7.19	8.31	6.72	9.22	8.83	7.70	8.57
Re-exports								
By vessel								
United Kingdom	--	--	--	--	--	--	--	--
Total LNG exports	7.51	7.08	6.57	6.45	6.62	7.37	7.33	6.83
CNG								
Canada	--	--	--	--	--	--	--	--
Total CNG exports	--	--	--	--	--	--	--	--
Total exports	5.49	5.18	4.72	4.70	4.79	4.99	5.05	4.91

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2023				2022			
	March	February	January	Total	December	November	October	September
Exports								
Average price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.64	3.34	4.38	6.49	6.73	5.41	5.42	7.91
Mexico	2.30	2.63	3.81	6.26	6.00	4.67	4.86	7.73
Total pipeline exports	2.43	2.90	4.03	6.34	6.28	4.94	5.03	7.78
LNG								
Exports								
By vessel								
Antigua and Barbuda	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80
Argentina	4.87	17.21	--	13.89	--	--	--	--
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	--	--	40.44	10.05	--	--	--	--
Barbados	--	--	--	10.48	--	17.98	--	--
Belgium	12.64	8.16	8.36	12.59	9.35	--	22.74	13.42
Brazil	4.87	--	--	11.64	--	--	9.59	--
Chile	9.40	--	6.96	10.53	--	--	--	14.86
China	5.98	6.90	13.31	11.74	11.69	13.35	11.09	13.86
Colombia	--	--	--	12.72	--	--	11.33	--
Croatia	5.63	7.61	8.30	11.75	10.40	9.67	9.52	13.51
Dominican Republic	6.12	27.88	7.40	12.56	10.25	--	33.52	14.86
Egypt	--	--	--	--	--	--	--	--
El Salvador	--	--	--	--	--	--	--	--
Finland	18.43	--	--	10.68	10.68	--	--	--
France	6.17	11.71	12.44	12.48	11.90	13.37	14.62	18.50
Germany	12.06	16.33	13.46	20.02	20.02	10.79	--	--
Greece	6.07	5.09	8.69	14.52	11.14	9.31	32.92	--
Haiti	10.39	10.39	10.39	10.39	10.39	--	--	10.39
India	5.96	8.87	8.20	10.86	10.20	8.91	10.52	13.52
Indonesia	--	--	6.96	11.40	11.16	9.21	11.36	12.22
Italy	5.93	13.92	9.09	11.46	9.96	9.89	--	13.70
Jamaica	6.65	10.39	10.39	10.74	10.40	10.39	10.40	12.51
Japan	6.92	7.28	8.36	10.73	10.78	8.99	10.89	13.80
Jordan	--	--	--	--	--	--	--	--
Kuwait	--	--	--	13.33	--	--	11.20	28.22
Lithuania	4.98	--	8.53	11.14	10.68	9.08	11.04	13.84
Malaysia	--	--	--	--	--	--	--	--
Malta	--	--	8.23	8.87	--	8.58	--	--
Mexico	6.12	--	8.67	13.43	11.01	--	--	--
Netherlands	8.15	12.24	11.95	12.50	10.66	12.37	12.75	16.84
Pakistan	--	--	--	9.53	--	--	--	--
Panama	6.66	--	9.32	10.90	8.89	9.21	--	--
Philippines	--	--	--	--	--	--	--	--
Poland	8.63	6.14	8.76	19.74	23.11	29.15	24.75	23.90
Portugal	5.29	6.08	7.99	10.35	10.08	9.89	10.54	13.89
Singapore	--	--	--	14.95	--	--	24.54	--
South Korea	6.12	6.67	16.08	12.45	10.59	9.19	15.91	14.19
Spain	7.90	7.88	9.44	11.46	16.77	9.46	14.67	14.04
Taiwan	5.29	6.26	7.68	10.90	10.30	9.31	11.33	13.64
Thailand	4.77	6.93	8.75	15.94	--	--	--	14.30
Turkiye	10.50	7.75	9.77	11.09	12.91	10.65	11.06	15.48
United Arab Emirates	--	--	--	--	--	--	--	--
United Kingdom	7.95	7.58	11.07	12.06	13.05	12.90	12.75	17.75
By truck								
Canada	14.36	--	--	16.95	17.10	--	17.12	--
Mexico	9.44	9.27	8.24	13.27	12.06	11.91	13.53	16.14
Re-exports								
By vessel								
United Kingdom	--	--	--	--	--	--	--	--
Total LNG exports	7.97	9.36	11.24	12.24	12.67	11.68	14.32	16.72
CNG								
Canada	3.36	4.33	4.34	3.09	--	6.29	4.81	1.93
Total CNG exports	3.36	4.33	4.34	3.09	--	6.29	4.81	1.93
Total exports	5.55	6.57	8.03	9.64	9.91	8.62	10.22	12.79

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

volumes in million cubic feet; prices in dollars per thousand cubic feet – continued

	2022							
	August	July	June	May	April	March	February	January
Exports								
Average price (dollars per thousand cubic feet)								
Pipeline								
Canada	8.42	6.75	8.02	7.60	6.05	4.93	6.16	5.61
Mexico	8.45	6.80	7.95	7.63	6.03	4.58	5.23	4.65
Total pipeline exports	8.44	6.78	7.97	7.62	6.04	4.71	5.53	4.96
LNG								
Exports								
By vessel								
Antigua and Barbuda	10.80	10.80	10.80	10.80	10.80	10.80	--	10.80
Argentina	18.69	16.37	16.38	11.30	9.36	--	--	--
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	--	--	--	12.71	--	8.61	9.37	--
Barbados	--	--	--	--	--	10.39	10.39	10.42
Belgium	13.94	--	12.81	11.83	8.29	13.83	10.13	9.33
Brazil	14.14	11.39	16.02	15.93	9.71	7.78	9.84	7.83
Chile	--	11.21	--	10.88	8.37	9.14	--	7.17
China	12.48	10.94	13.58	--	9.64	8.03	10.15	--
Colombia	13.54	--	21.03	--	--	--	--	6.75
Croatia	20.92	11.26	13.12	11.59	9.55	8.64	10.64	7.65
Dominican Republic	13.94	10.95	14.01	12.17	9.53	8.48	--	8.37
Egypt	--	--	--	--	--	--	--	--
El Salvador	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--
France	14.63	11.44	14.12	12.14	10.26	10.88	10.92	7.84
Germany	--	--	--	--	--	--	--	--
Greece	23.35	11.25	13.50	12.82	9.53	8.55	8.69	7.77
Haiti	10.39	10.39	10.39	10.39	10.39	10.39	10.39	10.39
India	13.13	11.53	15.89	11.41	9.09	8.08	9.39	7.74
Indonesia	13.54	--	--	--	--	--	10.64	--
Italy	12.34	11.65	13.59	11.60	13.47	8.32	9.96	7.83
Jamaica	10.40	10.40	10.44	10.40	10.41	10.42	10.40	10.40
Japan	13.21	11.13	12.71	11.81	9.78	8.54	10.79	8.12
Jordan	--	--	--	--	--	--	--	--
Kuwait	13.75	10.94	12.55	11.23	9.15	--	9.32	--
Lithuania	14.98	10.50	13.96	12.05	9.27	8.61	11.18	7.48
Malaysia	--	--	--	--	--	--	--	--
Malta	--	--	--	--	--	--	9.24	--
Mexico	--	--	13.83	--	--	--	--	--
Netherlands	17.25	13.87	13.13	12.24	9.35	8.02	9.60	7.98
Pakistan	--	--	--	--	9.53	--	--	--
Panama	--	--	14.33	11.80	18.60	--	11.17	8.17
Philippines	--	--	--	--	--	--	--	--
Poland	27.78	19.81	19.40	16.94	17.68	7.45	10.85	7.96
Portugal	13.02	10.69	12.49	11.58	9.34	7.83	9.56	7.43
Singapore	--	11.07	13.31	--	--	9.92	--	--
South Korea	14.68	13.16	13.32	11.80	9.58	8.82	9.88	11.88
Spain	13.16	14.29	13.15	11.65	9.09	8.71	10.28	8.23
Taiwan	12.31	10.94	13.56	13.32	8.70	7.76	9.49	7.51
Thailand	13.05	--	28.89	11.35	--	--	9.49	8.49
Turkiye	--	--	11.70	11.26	21.41	8.91	10.46	9.91
United Arab Emirates	--	--	--	--	--	--	--	--
United Kingdom	17.43	11.18	13.53	12.21	9.75	8.38	10.31	8.25
By truck								
Canada	--	--	19.57	18.68	17.19	--	14.38	14.28
Mexico	16.90	14.21	16.10	13.78	12.11	10.80	12.25	12.86
Re-exports								
By vessel								
United Kingdom	--	--	--	--	--	--	--	--
Total LNG exports	15.45	12.76	14.36	12.33	10.33	9.15	10.17	8.56
CNG								
Canada	2.01	2.07	2.05	--	--	2.53	--	--
Total CNG exports	2.01	2.07	2.05	--	--	2.53	--	--
Total exports	12.22	9.99	11.44	10.31	8.45	7.24	8.22	7.04

-- Not applicable.

R Revised data.

* Volume is less than 500Mcf.

Source: Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*.

Note: In the case of missing import or export reports on Form FE-746R, *Import and Export of Natural Gas*, EIA estimates the missing volumes using pipeline flows or other available information. LNG re-exports are shipments of LNG to foreign countries that were previously imported, offloaded into above-ground LNG storage tanks, and then subsequently reloaded onto tankers for delivery to other countries. Prices are in nominal dollars. LNG prices are a volume-weighted average of the prices reported by cargo. The "Natural Gas Imports and Exports Monthly Reports" (<https://www.energy.gov/fecm/listings/natural-gas-imports-and-exports-monthly-reports>) from the Office of Fossil Energy and Carbon Management, U.S. Department of Energy, contains more information on what is included in the individual LNG prices. Totals may not equal sum of components because of independent rounding and/or withheld data.

Table 6. Gross withdrawals of natural gas in selected states and the Federal Gulf of Mexico, 2019-2024

million cubic feet

Year and month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
2019 total	3,250,353	524,757	196,823	1,991,195	183,087	3,218,949	48,616	1,818,227	1,061,091	2,651,631
2020 total	3,430,322	481,205	157,534	1,999,784	163,362	3,211,491	42,067	2,005,518	986,977	2,389,629
2021 total	3,486,056	448,283	137,540	1,891,913	152,986	3,448,542	41,849	2,277,035	1,075,553	2,278,731
2022										
January	323,315	36,108	11,467	155,098	12,487	319,916	3,369	205,123	88,078	192,820
February	295,371	32,336	9,953	140,887	11,111	291,897	3,143	191,118	80,499	174,160
March	317,649	36,319	11,745	158,692	12,456	321,120	3,596	226,098	93,384	192,820
April	299,777	35,043	11,505	153,589	12,353	325,378	3,414	223,697	73,598	183,900
May	299,293	35,781	11,710	155,886	12,826	349,199	3,472	231,069	86,447	190,030
June	269,012	34,299	11,429	149,207	12,323	338,898	3,606	222,994	91,784	183,900
July	283,780	35,096	11,870	153,949	12,672	352,131	3,703	235,901	96,204	195,300
August	273,965	35,394	11,618	155,182	12,826	359,828	3,854	239,080	95,665	195,300
September	282,388	34,212	11,265	151,640	11,875	356,017	3,752	240,276	95,346	189,000
October	297,901	35,113	11,095	157,180	13,011	375,785	3,807	251,278	97,787	194,680
November	312,304	33,571	11,057	151,517	12,233	366,550	3,635	242,145	91,372	188,400
December	332,133	32,954	11,271	150,593	11,778	371,020	3,551	254,885	82,025	194,680
Total	3,586,886	416,225	135,984	1,833,421	147,950	4,127,737	42,902	2,763,663	1,072,189	2,274,990
2023										
January	326,547	34,453	11,113	152,202	12,024	374,304	3,792	257,937	88,380	194,370
February	295,528	30,847	10,106	135,694	10,777	349,186	3,437	234,380	85,419	175,560
March	316,154	34,034	10,982	151,077	11,963	374,080	3,769	269,972	94,772	194,370
April	302,202	32,543	10,894	147,423	11,577	364,615	3,670	261,841	93,824	180,600
May	298,735	33,333	11,395	153,753	11,839	389,108	3,759	266,745	98,264	186,620
June	274,102	31,966	10,955	149,559	10,831	353,154	3,665	251,301	97,449	180,600
July	260,973	32,773	11,400	154,077	11,531	369,583	3,810	267,137	102,433	188,480
August	239,768	32,651	11,414	158,136	11,469	370,993	3,899	272,404	103,345	188,480
September	263,282	31,590	10,995	151,683	11,129	356,659	3,788	265,151	103,718	182,400
October	298,628	32,303	11,316	157,863	11,439	360,781	3,860	270,984	105,957	184,760
November	299,779	31,135	10,593	154,515	11,040	338,038	3,643	273,877	104,221	178,800
December	328,293	31,908	10,873	160,442	11,284	328,889	3,897	293,012	109,304	184,760
Total	3,503,992	389,535	132,037	1,826,425	136,903	4,329,390	44,989	3,184,742	1,187,087	2,219,800
2024										
January	324,104	€29,234	€10,577	€155,574	€10,083	€340,076	€3,747	€278,038	€95,375	€179,681
February	306,576	€29,775	€9,838	€149,959	€10,092	€329,900	€3,632	€275,405	€100,191	€179,998
March	320,866	€31,746	€10,561	€161,225	€10,747	€332,748	€3,928	€297,907	€105,075	€184,582
April	293,233	€30,219	€10,143	€152,885	€10,076	€301,412	€3,848	€285,795	€104,422	€180,272
May	298,199	€31,054	€10,516	€156,211	€10,604	€294,644	€3,948	€297,788	€108,797	€190,090
June	270,590	€29,676	€10,257	€148,915	€10,190	€283,356	€3,861	€292,554	€104,583	€177,260
July	275,384	€30,367	€10,540	€154,892	€10,509	€307,143	€3,976	€308,158	€107,327	€179,163
August	262,261	€30,274	€10,374	€154,858	€10,429	€301,188	€4,053	€314,173	€110,142	€178,420
September	266,664	€28,261	€9,922	RE147,882	RE10,013	RE276,420	RE3,788	RE306,313	RE108,092	RE180,467
October	299,939	€28,983	RE10,162	RE157,148	RE10,483	RE287,816	RE3,978	RE323,172	RE106,372	RE183,052
November	308,355	€27,951	€9,882	€154,444	€10,076	€276,175	€4,185	€312,938	€104,135	€177,534
2024 11-month	3,226,170	€327,541	€112,771	€1,693,993	€113,302	€3,330,879	€42,943	€3,292,241	€1,154,512	€1,990,516
2023 11-month	3,175,699	357,627	121,163	1,665,983	125,619	4,000,501	41,092	2,891,730	1,077,783	2,035,040
2022 11-month	3,254,753	383,270	124,712	1,682,828	136,172	3,756,718	39,350	2,508,778	990,164	2,080,310

See footnotes at end of table.

Table 6. Gross withdrawals of natural gas in selected states and the Federal Gulf of Mexico, 2019-2024

million cubic feet – continued

Year and month	Oklahoma	Pennsylvania	Texas	Utah	West Virginia	Wyoming	Other states	Federal Gulf of Mexico	U.S. total
2019 total	3,036,052	6,896,792	10,432,505	272,752	2,155,214	1,547,504	460,623	1,034,038	40,780,210
2020 total	2,673,207	7,168,902	10,489,727	242,560	2,567,990	1,472,873	440,442	806,336	40,729,927
2021 total	2,555,430	7,647,068	10,743,106	239,951	2,675,145	1,375,454	409,998	792,102	41,676,743
2022									
January	215,662	657,816	916,153	20,846	226,703	111,848	31,225	65,530	3,593,563
February	195,598	577,435	854,421	18,652	204,087	99,978	31,571	57,837	3,270,055
March	225,065	634,530	966,828	21,563	232,882	110,134	34,671	65,503	3,665,056
April	226,077	614,765	960,651	21,330	228,776	106,950	31,807	66,329	3,578,937
May	235,431	638,730	964,205	22,385	242,538	107,992	32,495	63,031	3,682,519
June	231,641	616,815	930,071	21,848	235,176	104,860	31,800	65,179	3,554,842
July	239,384	644,242	967,712	22,710	246,199	112,531	35,153	67,534	3,716,069
August	239,248	635,607	975,382	23,633	248,685	107,515	33,558	69,178	3,715,517
September	239,497	618,560	956,938	21,906	239,638	106,891	33,013	65,819	3,658,031
October	243,362	637,253	998,376	21,667	246,749	113,697	33,691	67,335	3,799,767
November	235,551	613,196	965,544	21,602	246,577	109,349	33,184	65,422	3,703,209
December	236,551	624,618	982,312	22,412	247,072	106,821	32,703	65,984	3,763,363
Total	2,763,069	7,513,567	11,438,594	260,553	2,845,082	1,298,566	394,870	784,681	43,700,928
2023									
January	250,070	647,752	995,980	22,189	260,054	106,392	31,515	70,641	3,839,714
February	217,813	573,008	900,186	19,958	235,493	92,028	27,753	61,993	3,459,166
March	240,498	642,123	1,033,656	21,821	259,694	103,561	29,529	67,107	3,859,161
April	232,276	615,702	996,032	22,341	249,680	100,669	31,718	61,215	3,718,823
May	237,558	644,096	1,052,613	24,913	259,536	109,250	30,491	59,165	3,871,172
June	233,220	623,171	1,017,301	24,231	258,764	105,502	41,316	59,091	3,726,179
July	238,429	639,632	1,055,615	24,938	272,998	94,295	31,052	62,197	3,821,355
August	236,507	639,063	1,067,621	25,163	272,948	103,191	32,050	62,490	3,831,593
September	234,235	610,159	1,035,879	24,600	261,345	101,748	31,925	63,247	3,743,533
October	239,892	637,666	1,071,450	25,774	273,356	111,705	30,269	61,747	3,889,750
November	229,910	646,134	1,044,489	25,806	270,110	110,613	30,496	59,286	3,822,485
December	235,522	673,806	1,084,629	26,614	276,376	113,876	32,130	62,302	3,967,918
Total	2,825,931	7,592,313	12,355,451	288,347	3,150,354	1,252,829	380,242	750,481	45,550,850
2024									
January	£225,757	£666,020	£1,041,541	£26,411	£287,332	£106,796	£31,596	£59,788	£3,871,729
February	£219,966	£617,929	£1,009,732	£24,190	£269,068	£102,160	£29,700	£54,993	£3,723,104
March	£232,361	£601,193	£1,082,833	£25,825	£284,527	£107,412	£31,186	£55,493	£3,880,213
April	£228,427	£583,413	£1,040,348	£25,002	£276,228	£100,388	£31,817	£58,326	£3,716,254
May	£239,125	£602,978	£1,093,986	£25,855	£280,999	£103,085	£32,711	£53,747	£3,834,338
June	£230,102	£611,021	£1,067,303	£24,977	£277,988	£101,278	£31,589	£55,913	£3,731,414
July	£235,477	£649,924	£1,102,835	£25,831	£293,443	£103,760	£32,093	£58,763	£3,889,585
August	£229,163	£621,102	£1,115,472	£25,309	£289,965	£101,622	£32,090	£58,915	£3,849,811
September	RE222,116	RE589,542	RE1,073,182	RE24,276	RE281,426	RE99,012	£30,179	RE47,604	RE3,705,158
October	RE230,030	RE615,137	RE1,124,150	RE25,764	RE295,034	RE93,763	RE32,068	RE57,891	RE3,884,940
November	£222,263	£600,062	£1,083,870	£24,020	£285,826	£102,173	£30,892	£49,004	£3,783,784
2024 11-month YTD	£2,514,788	£6,758,320	£11,835,250	£277,462	£3,121,836	£1,121,449	£345,921	£610,436	£41,870,332
2023 11-month YTD	2,590,408	6,918,506	11,270,822	261,733	2,873,978	1,138,954	348,113	688,179	41,582,931
2022 11-month YTD	2,526,517	6,888,949	10,456,281	238,141	2,598,009	1,191,745	362,168	718,697	39,937,565

RE Revised estimated data.

E Estimated data.

Source: 2019-2023: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2023*, Bureau of Safety and Environmental Enforcement (BSEE), IHS Markit, and Enverus. January 2024 through current month: Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; and EIA computations.

Note: We collect data for Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and Federal Offshore Gulf of Mexico individually on the EIA-914 report. The "other states" category comprises states/areas not individually collected on the EIA-914 report (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia). Before 2024, Federal Offshore Pacific is included in California. All data for Alaska are obtained directly from the state. Monthly preliminary state-level data for all states not collected individually on the EIA-914 report are available after the final annual reports for these series are collected and processed. Final annual data are generally available in the third quarter of the following year. The sum of individual states may not equal total U.S. volumes because of independent rounding.

Table 7. Marketed production of natural gas in selected states and the Federal Gulf of Mexico, 2019-2024

million cubic feet

Year and month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
2019 total	329,361	524,757	196,823	1,986,916	183,087	3,212,318	43,534	1,769,086	850,826	2,651,631
2020 total	339,337	481,205	155,979	1,996,740	163,362	3,205,574	38,191	1,965,533	887,445	2,389,629
2021 total	354,660	448,283	136,034	1,890,260	152,986	3,443,767	38,719	2,237,165	999,094	2,278,731
2022										
January	32,865	36,108	11,347	155,025	12,487	319,456	3,127	202,816	81,493	192,820
February	30,014	32,336	9,834	140,864	11,111	291,489	2,984	189,015	75,874	174,160
March	32,473	36,319	11,603	158,669	12,456	320,683	3,401	223,947	88,143	192,820
April	30,910	35,043	11,390	153,558	12,353	324,968	3,172	221,445	68,657	183,900
May	31,677	35,781	11,593	155,849	12,826	348,787	3,191	228,546	81,340	190,030
June	28,645	34,299	11,304	149,172	12,323	338,419	3,249	221,430	86,437	183,900
July	29,657	35,096	11,734	153,898	12,672	351,681	3,443	234,177	90,288	195,300
August	29,378	35,394	11,497	155,149	12,826	359,381	3,605	237,367	89,772	195,300
September	29,288	34,212	11,117	151,600	11,875	355,577	3,550	238,649	90,625	189,000
October	31,123	35,113	10,941	157,117	13,011	375,337	3,634	249,206	93,104	194,680
November	30,934	33,571	10,939	151,447	12,233	366,103	3,301	240,317	85,733	188,400
December	36,181	32,954	11,150	150,507	11,778	370,560	3,121	252,399	76,725	194,680
Total	373,145	416,225	134,449	1,832,855	147,950	4,122,441	39,778	2,739,314	1,008,191	2,274,990
2023										
January	33,421	34,453	10,996	152,136	12,024	373,945	3,446	256,011	83,385	194,370
February	30,342	30,847	10,026	135,623	10,777	348,917	3,179	232,537	80,634	175,560
March	32,703	34,034	10,897	151,023	11,963	373,801	3,475	267,559	90,155	194,370
April	31,338	32,543	10,788	147,372	11,577	364,374	3,410	260,013	89,209	180,600
May	31,288	33,333	11,288	153,712	11,839	388,879	3,444	264,455	93,302	186,620
June	28,991	31,966	10,852	149,514	10,831	352,890	3,409	248,872	91,957	180,600
July	28,478	32,773	11,256	154,036	11,531	369,282	3,537	264,955	97,825	188,480
August	26,756	32,651	11,290	158,091	11,469	370,702	3,594	270,459	98,293	188,480
September	28,784	31,590	10,884	151,642	11,129	356,402	3,494	262,838	98,009	182,400
October	31,535	32,303	11,207	157,812	11,439	360,543	3,481	269,150	100,059	184,760
November	30,734	31,135	10,478	154,436	11,040	337,809	3,110	271,951	98,543	178,800
December	33,356	31,908	10,740	160,387	11,284	328,639	3,594	291,257	103,914	184,760
Total	367,726	389,535	130,703	1,825,784	136,903	4,326,182	41,172	3,160,057	1,125,285	2,219,800
2024										
January	34,077	£29,234	£10,467	£155,520	£10,083	£339,824	£3,429	£275,883	£90,410	£179,681
February	31,472	£29,775	£9,736	£149,906	£10,092	£329,656	£3,324	£273,270	£94,975	£179,998
March	33,621	£31,746	£10,452	£161,168	£10,747	£332,501	£3,594	£295,598	£99,605	£184,582
April	31,174	£30,219	£10,038	£152,832	£10,076	£301,188	£3,521	£283,580	£98,986	£180,272
May	31,962	£31,054	£10,408	£156,156	£10,604	£294,426	£3,613	£295,480	£103,132	£190,090
June	28,952	£29,676	£10,151	£148,863	£10,190	£283,146	£3,534	£290,287	£99,139	£177,260
July	29,235	£30,367	£10,431	£154,838	£10,509	£306,916	£3,639	£305,769	£101,740	£179,163
August	28,358	£30,274	£10,266	£154,804	£10,429	£300,965	£3,710	£311,738	£104,408	£178,420
September	28,593	£28,261	£9,820	RE147,830	RE10,013	RE276,215	RE3,467	RE303,939	RE102,465	RE180,467
October	30,771	£28,983	RE10,057	RE157,093	RE10,483	RE287,602	RE3,641	RE320,667	RE100,834	RE183,052
November	31,511	£27,951	£9,780	£154,389	£10,076	£275,970	£3,830	£310,513	£98,713	£177,534
2024 11-month	339,727	£327,541	£111,606	£1,693,399	£113,302	£3,328,410	£39,300	£3,266,723	£1,094,406	£1,990,516
2023 11-month	334,370	357,627	119,963	1,665,397	125,619	3,997,544	37,578	2,868,800	1,021,371	2,035,040
2022 11-month	336,964	383,270	123,299	1,682,348	136,172	3,751,881	36,656	2,486,915	931,465	2,080,310

See footnotes at end of table.

Table 7. Marketed production of natural gas in selected states and the Federal Gulf of Mexico, 2019-2024

million cubic feet – continued

Year and month	Oklahoma	Pennsylvania	Texas	Utah	West Virginia	Wyoming	Other states	Federal Gulf of Mexico	U.S. total
2019 total	3,036,052	6,896,792	9,378,489	271,808	2,155,214	1,488,854	456,024	1,015,343	36,446,918
2020 total	2,673,207	7,168,902	9,813,035	241,965	2,567,990	1,206,122	435,117	791,491	36,520,826
2021 total	2,555,430	7,647,068	9,949,156	239,422	2,675,145	1,109,416	401,892	780,632	37,337,860
2022									
January	215,662	657,816	847,645	20,717	226,703	89,840	30,973	64,214	3,201,112
February	195,598	577,435	799,216	18,508	204,087	78,594	31,216	56,646	2,918,981
March	225,065	634,530	903,718	21,502	232,882	87,976	34,239	64,336	3,284,763
April	226,077	614,765	890,511	21,262	228,776	86,473	31,384	65,439	3,210,082
May	235,431	638,730	901,144	22,311	242,538	85,609	32,058	61,940	3,319,380
June	231,641	616,815	866,181	21,771	235,176	85,396	31,597	64,142	3,221,895
July	239,384	644,242	894,212	22,650	246,199	90,191	34,769	66,255	3,355,846
August	239,248	635,607	911,877	23,543	248,685	87,751	33,177	68,061	3,377,619
September	239,497	618,560	903,382	21,852	239,638	83,709	32,613	64,597	3,319,341
October	243,362	637,253	923,341	21,548	246,749	88,913	32,277	66,181	3,423,890
November	235,551	613,196	895,059	21,512	246,577	85,592	32,816	64,316	3,317,599
December	236,551	624,618	928,299	22,340	247,072	83,349	32,314	64,351	3,378,949
Total	2,763,069	7,513,567	10,664,585	259,516	2,845,082	1,033,391	390,434	770,477	39,329,457
2023									
January	250,070	647,752	930,571	22,104	260,054	81,325	31,219	69,534	3,446,816
February	217,813	573,008	841,082	19,853	235,493	70,926	27,703	60,952	3,105,273
March	240,498	642,123	978,064	21,737	259,694	78,974	29,431	65,744	3,486,246
April	232,276	615,702	925,233	22,229	249,680	76,111	31,427	60,025	3,343,907
May	237,558	644,096	979,931	24,762	259,536	83,554	30,265	57,898	3,495,761
June	233,220	623,171	942,885	23,972	258,764	79,838	41,037	57,931	3,370,699
July	238,429	639,632	980,036	24,804	272,998	80,518	30,778	61,119	3,490,469
August	236,507	639,063	994,723	24,943	272,948	81,606	31,775	61,470	3,514,820
September	234,235	610,159	965,927	24,360	261,345	78,460	31,625	62,186	3,405,470
October	239,892	637,666	1,000,510	25,547	273,356	85,063	29,950	60,609	3,514,879
November	229,910	646,134	975,636	25,656	270,110	86,248	30,193	58,217	3,450,139
December	235,522	673,806	1,012,242	26,531	276,376	87,874	31,837	61,105	3,565,133
Total	2,825,931	7,592,313	11,526,840	286,497	3,150,354	970,496	377,241	736,792	41,189,612
2024									
January	£225,757	£666,020	£971,691	£26,241	£287,332	£82,729	£31,348	£58,697	£3,478,424
February	£219,966	£617,929	£942,015	£24,035	£269,068	£79,137	£29,468	£53,990	£3,347,813
March	£232,361	£601,193	£1,010,214	£25,659	£284,527	£83,206	£30,942	£54,480	£3,486,197
April	£228,427	£583,413	£970,578	£24,842	£276,228	£77,765	£31,568	£57,262	£3,351,969
May	£239,125	£602,978	£1,020,619	£25,689	£280,999	£79,854	£32,455	£52,766	£3,461,412
June	£230,102	£611,021	£995,725	£24,817	£277,988	£78,454	£31,342	£54,893	£3,385,539
July	£235,477	£649,924	£1,028,874	£25,666	£293,443	£80,377	£31,842	£57,691	£3,535,900
August	£229,163	£621,102	£1,040,664	£25,147	£289,965	£78,721	£31,839	£57,841	£3,507,813
September	RE222,116	RE589,542	RE1,001,210	RE24,121	RE281,426	RE76,699	£29,942	RE46,735	RE3,362,859
October	RE230,030	RE615,137	RE1,048,760	RE25,599	RE295,034	RE72,633	RE31,817	RE56,835	RE3,509,026
November	£222,263	£600,062	£1,011,182	£23,866	£285,826	£79,148	£30,650	£48,110	£3,401,374
2024 11-month YTD	£2,514,788	£6,758,320	£11,041,531	£275,683	£3,121,836	£868,724	£343,212	£599,301	£37,828,325
2023 11-month YTD	2,590,408	6,918,506	10,514,598	259,967	2,873,978	882,622	345,404	675,686	37,624,479
2022 11-month YTD	2,526,517	6,888,949	9,736,286	237,176	2,598,009	950,042	358,121	706,127	35,950,508

RE Revised estimated data.

E Estimated data.

Source: 2019-2023: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2023*, Bureau of Safety and Environmental Enforcement (BSEE), IHS Markit, and Enverus. January 2024 through current month: Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; and EIA computations.

Note: For 2024 forward, we estimate state monthly marketed production from gross withdrawals using historical relationships between the two. We collect data for Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and federal offshore Gulf of Mexico individually on the EIA-914 report. The "other states" category comprises states/areas not individually collected on the EIA-914 report (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia). Before 2024, Federal Offshore Pacific is included in California. We obtain all data for Alaska directly from the state. Monthly preliminary state-level data for all states not collected individually on the EIA-914 report are available after the final annual reports for these series are collected and processed. Final annual data are generally available in the third quarter of the following year. The sum of individual states may not equal total U.S. volumes because of independent rounding.

Table 8. Underground natural gas storage – all operators, 2019-2024

volumes in billion cubic feet

Year and month	Natural gas in underground storage at end of period			Change in working gas from same period previous year		Storage activity		
	Base gas	Working gas	Total ^a	Volume	Percent	Injections	Withdrawals	Net withdrawals ^b
2019 total	--	--	--	--	--	4,153	3,653	-500
2020 total	--	--	--	--	--	3,590	3,412	-178
2021 total	--	--	--	--	--	3,678	3,761	83
2022								
January	4,437	2,216	6,653	-419	-15.9	76	1,069	994
February	4,434	1,562	5,997	-297	-16.0	102	761	658
March	4,434	1,401	5,835	-400	-22.2	231	394	163
April	4,440	1,612	6,052	-363	-18.4	354	140	-214
May	4,442	2,002	6,444	-388	-16.2	485	81	-403
June	4,443	2,325	6,768	-260	-10.0	438	114	-324
July	4,444	2,505	6,950	-250	-9.1	362	182	-180
August	4,446	2,709	7,155	-208	-7.1	382	176	-206
September	4,445	3,146	7,590	-160	-4.8	536	100	-436
October	4,443	3,569	8,012	-96	-2.6	511	89	-422
November	4,442	3,501	7,943	-32	-0.9	261	333	72
December	4,451	2,925	7,376	-285	-8.9	160	735	574
Total	--	--	--	--	--	3,898	4,175	277
2023								
January	4,452	2,470	6,922	254	11.5	153	609	456
February	4,451	2,072	6,523	510	32.7	130	529	399
March	4,450	1,850	6,300	448	32.0	171	395	224
April	4,452	2,116	6,569	505	31.3	395	126	-268
May	4,466	2,576	7,042	575	28.7	534	82	-452
June	4,464	2,902	7,365	576	24.8	448	105	-344
July	4,465	3,035	7,500	530	21.2	320	186	-134
August	4,464	3,168	7,632	459	16.9	365	233	-133
September	4,463	3,490	7,952	344	10.9	478	155	-323
October	4,463	3,809	8,273	240	6.7	442	121	-321
November	4,464	3,742	8,206	241	6.9	233	298	65
December	4,468	3,457	7,925	532	18.2	170	454	284
Total	--	--	--	--	--	3,840	3,292	-547
2024								
January	4,468	2,611	7,079	141	5.7	106	951	844
February	4,468	2,350	6,818	278	13.4	195	458	263
March	4,467	2,306	6,773	456	24.7	274	320	46
April	4,467	2,562	7,030	446	21.1	411	155	-256
May	4,469	2,923	7,393	347	13.5	475	112	-363
June	4,471	3,175	7,646	273	9.4	382	128	-254
July	4,473	3,294	7,766	258	8.5	296	177	-120
August	4,477	3,370	7,848	202	6.4	322	244	-79
September	4,482	3,616	8,098	126	3.6	402	151	-251
October	4,484	3,943	8,427	134	3.5	423	94	-328
November	4,485	3,919	8,405	177	4.7	223	247	24

^a Total underground storage capacity at the end of each calendar year (in billion cubic feet): 2019 – 9,231; 2020 – 9,259; 2021 – 9,265; 2022 – 9,269; and 2023 – 9,278. Total storage capacity of existing fields includes both active and inactive fields.

^b Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

^c Total as of December 31.

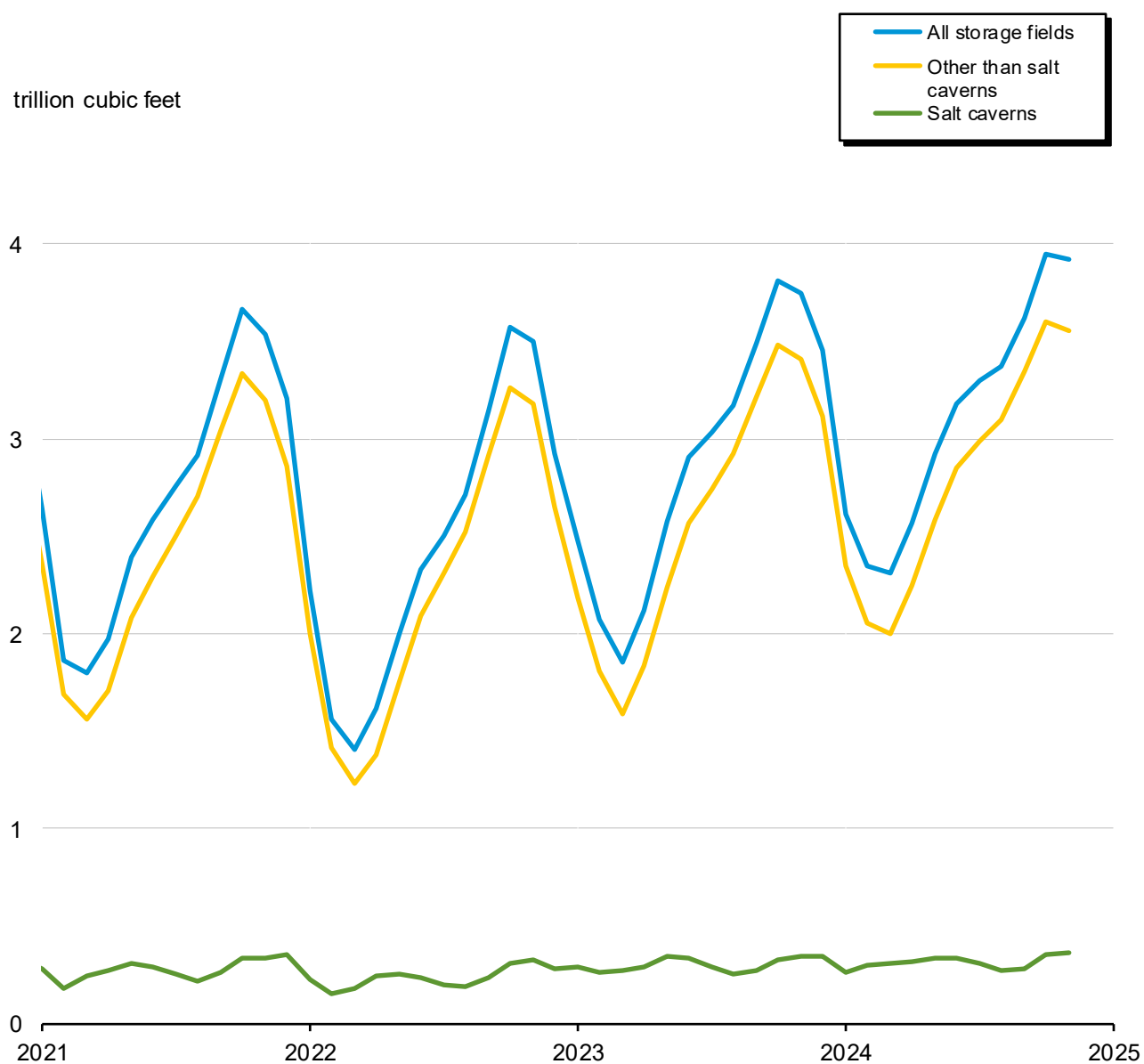
-- Not applicable.

^R Revised data.

Source: U.S. Energy Information Administration (EIA): Form EIA-191, *Monthly Underground Gas Storage Report*.

Note: Data for 2019 through 2023 are final. All other data are preliminary unless otherwise noted. Appendix A, Explanatory Note 5, contains a discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding.

Figure 5. Working gas in underground natural gas storage in the United States, 2021-2024



Source: U.S. Energy Information Administration (EIA): Form EIA-191, *Monthly Underground Gas Storage Report*.

Note: Geographic coverage is the 50 states and the District of Columbia.

Table 9. Underground natural gas storage – by season, 2023-2025

volumes in billion cubic feet

Year, season, and month	Natural gas in underground storage at end of period			Change in working gas from same period previous year		Storage activity		
	Base gas	Working gas	Total	Volume	Percent	Injections	Withdrawals	Net withdrawals ^a
2023 heating season								
November	4,442	3,501	7,943	-32	-0.9	261	333	72
December	4,451	2,925	7,376	-285	-8.9	160	735	574
January	4,452	2,470	6,922	254	11.5	153	609	456
February	4,451	2,072	6,523	510	32.7	130	529	399
March	4,450	1,850	6,300	448	32.0	171	395	224
Total	--	--	--	--	--	876	2,600	1,725
2023 refill season								
April	4,452	2,116	6,569	505	31.3	395	126	-268
May	4,466	2,576	7,042	575	28.7	534	82	-452
June	4,464	2,902	7,365	576	24.8	448	105	-344
July	4,465	3,035	7,500	530	21.2	320	186	-134
August	4,464	3,168	7,632	459	16.9	365	233	-133
September	4,463	3,490	7,952	344	10.9	478	155	-323
October	4,463	3,809	8,273	240	6.7	442	121	-321
Total	--	--	--	--	--	2,982	1,007	-1,975
2024 heating season								
November	4,464	3,742	8,206	241	6.9	233	298	65
December	4,468	3,457	7,925	532	18.2	170	454	284
January	4,468	2,611	7,079	141	5.7	106	951	844
February	4,468	2,350	6,818	278	13.4	195	458	263
March	4,467	2,306	6,773	456	24.7	274	320	46
Total	--	--	--	--	--	978	2,481	1,502
2024 refill season								
April	4,467	2,562	7,030	446	21.1	411	155	-256
May	4,469	2,923	7,393	347	13.5	475	112	-363
June	4,471	3,175	7,646	273	9.4	382	128	-254
July	4,473	3,294	7,766	258	8.5	296	177	-120
August	4,477	3,370	7,848	202	6.4	322	244	-79
September	4,482	3,616	8,098	126	3.6	402	151	-251
October	4,484	R3,943	8,427	134	3.5	423	94	R-328
Total	--	--	--	--	--	2,710	1,061	R-1,649
2025 heating season								
November	4,485	3,919	8,405	177	4.7	223	247	24

^a Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

-- Not applicable.

^R Revised data.Source: U.S. Energy Information Administration (EIA): Form EIA-191, *Monthly Underground Gas Storage Report*.

Note: Data for 2023 are final. All other data are preliminary unless otherwise noted. Appendix A, Explanatory Note 5, contains a discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding.

Table 10. Underground natural gas storage – salt cavern storage fields, 2019-2024

volumes in billion cubic feet

Year and month	Natural gas in underground storage at end of period			Change in working gas from same period previous year		Storage activity		
	Base gas	Working gas	Total	Volume	Percent	Injections	Withdrawals	Net withdrawals ^a
2019 total	--	--	--	--	--	839	815	-24
2020 total	--	--	--	--	--	715	701	-14
2021 total	--	--	--	--	--	804	792	-12
2022								
January	198	220	418	-59	-21.1	38	172	134
February	197	150	346	-27	-15.1	48	120	72
March	198	175	372	-66	-27.4	83	58	-26
April	198	239	437	-28	-10.4	95	31	-65
May	197	254	452	-54	-17.5	58	44	-15
June	196	234	430	-58	-19.8	44	65	21
July	198	200	398	-52	-20.6	50	83	33
August	199	187	386	-25	-11.9	52	65	12
September	197	232	430	-33	-12.4	86	41	-44
October	197	308	505	-26	-7.9	109	33	-76
November	197	322	520	-11	-3.2	72	58	-14
December	201	280	480	-75	-21.1	71	113	43
Total	--	--	--	--	--	806	883	76
2023								
January	202	289	491	69	31.2	75	66	-9
February	202	263	465	113	75.6	49	75	26
March	202	266	468	91	51.8	64	62	-2
April	202	286	488	47	19.4	68	48	-20
May	202	342	545	88	34.6	79	43	-36
June	202	333	535	99	42.4	62	52	-11
July	203	292	495	92	46.2	41	81	40
August	202	249	451	62	33.2	39	82	43
September	201	272	473	40	17.0	82	58	-24
October	202	325	527	17	5.7	106	51	-55
November	203	339	541	16	5.1	75	59	-15
December	207	345	552	66	23.4	73	66	-7
Total	--	--	--	--	--	812	741	-71
2024								
January	207	265	472	-23	-8.1	65	145	80
February	207	293	500	30	11.6	90	62	-28
March	207	308	515	43	16.0	81	66	-16
April	207	320	527	35	12.1	81	69	-12
May	207	338	545	-5	-1.3	80	63	-18
June	207	330	537	-3	-1.0	60	69	8
July	207	310	518	18	6.2	52	71	19
August	207	272	479	23	9.2	50	89	39
September	215	275	490	3	1.2	71	59	-11
October	217	348	565	23	7.1	112	38	-74
November	218	365	583	26	7.8	70	53	-17
2024 11-month YTD	--	--	--	--	--	813	783	-30
2023 11-month YTD	--	--	--	--	--	739	676	-64
2022 11-month YTD	--	--	--	--	--	736	769	34

^a Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.^b Total as of December 31.

-- Not applicable.

Source: U.S. Energy Information Administration (EIA): Form EIA-191, *Monthly Underground Gas Storage Report*.

Note: Data for 2019 through 2023 are final. All other data are preliminary unless otherwise noted. Appendix A, Explanatory Note 5, contains a discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding.

Table 11. Underground natural gas storage – storage fields other than salt caverns, 2019-2024

volumes in billion cubic feet

Year and month	Natural gas in underground storage at end of period			Change in working gas from same period previous year		Storage activity		
	Base gas	Working gas	Total	Volume	Percent	Injections	Withdrawals	Net withdrawals ^a
2019 total	--	--	--	--	--	3,314	2,838	-476
2020 total	--	--	--	--	--	2,875	2,711	-164
2021 total	--	--	--	--	--	2,874	2,969	95
2022								
January	4,239	1,996	6,235	-360	-15.3	38	898	859
February	4,238	1,412	5,650	-271	-16.1	54	641	587
March	4,236	1,227	5,463	-334	-21.4	148	337	189
April	4,242	1,373	5,615	-335	-19.6	259	110	-149
May	4,244	1,747	5,992	-334	-16.1	426	38	-388
June	4,246	2,091	6,338	-202	-8.8	394	49	-345
July	4,246	2,305	6,551	-198	-7.9	312	99	-213
August	4,247	2,523	6,769	-183	-6.8	330	111	-219
September	4,247	2,913	7,161	-128	-4.2	450	59	-392
October	4,246	3,262	7,507	-70	-2.1	402	56	-346
November	4,245	3,179	7,424	-21	-0.7	189	275	85
December	4,250	2,646	6,896	-210	-7.4	89	621	532
Total	--	--	--	--	--	3,092	3,292	200
2023								
January	4,249	2,181	6,431	185	9.3	78	543	465
February	4,248	1,809	6,058	397	28.1	81	454	373
March	4,248	1,584	5,832	358	29.2	107	333	226
April	4,250	1,831	6,081	458	33.4	327	79	-248
May	4,263	2,234	6,497	487	27.8	455	39	-416
June	4,262	2,569	6,830	477	22.8	386	53	-333
July	4,262	2,743	7,005	438	19.0	279	105	-174
August	4,262	2,919	7,181	397	15.7	326	150	-176
September	4,261	3,218	7,479	305	10.5	396	97	-299
October	4,261	3,484	7,745	223	6.8	336	70	-266
November	4,261	3,403	7,665	225	7.1	158	239	80
December	4,261	3,112	7,374	467	17.6	98	389	291
Total	--	--	--	--	--	3,028	2,551	-476
2024								
January	4,261	2,346	6,607	165	7.6	41	806	765
February	4,261	2,056	6,317	247	13.7	105	395	291
March	4,260	1,998	6,258	414	26.1	192	254	62
April	4,260	2,242	6,502	411	22.5	330	86	-244
May	4,262	2,585	6,847	351	15.7	394	49	-345
June	4,264	2,845	7,109	277	10.8	321	60	-262
July	4,265	2,983	7,249	240	8.8	244	105	-139
August	4,270	3,099	7,369	179	6.1	272	155	-117
September	4,267	3,341	7,608	123	3.8	331	92	-240
October	4,267	3,595	7,861	111	3.2	311	157	-254
November	4,267	3,554	7,821	151	4.4	154	194	41
2024 11-month YTD	--	--	--	--	--	2,696	2,253	-443
2023 11-month YTD	--	--	--	--	--	2,930	2,162	-768
2022 11-month YTD	--	--	--	--	--	3,002	2,671	-331

^a Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.^b Total as of December 31.

-- Not applicable.

^R Revised data.**Source:** U.S. Energy Information Administration (EIA): Form EIA-191, *Monthly Underground Gas Storage Report*.

Note: Data for 2019 through 2023 are final. All other data are preliminary unless otherwise noted. Appendix A, Explanatory Note 5, contains a discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding.

Table 12. Net withdrawals from underground storage, by state, 2022-2024

million cubic feet

State								2024
	November	October	September	August	July	June	May	April
Alabama	-2,037	-5,851	884	22	1,238	2,198	640	1,061
Alaska ^a	2,042	267	-1,260	-1,677	-2,046	-1,981	-1,338	-82
Arkansas	749	-540	-618	-833	-869	-863	-935	-484
California	488	-13,677	-4,083	2,183	-5,447	-9,595	-19,768	-13,653
Colorado	270	-2,698	-4,382	-4,181	-3,460	-6,372	-5,693	-457
Illinois	-337	-41,598	-39,290	-33,580	-31,432	-30,009	-17,684	5,062
Indiana	-774	-3,492	-3,966	-3,234	-1,608	-962	-803	-855
Iowa	-4,160	-16,867	-15,502	-10,131	-3,808	-5,548	-2,047	1,131
Kansas	2,416	-3,854	-5,975	-6,856	-1,626	-5,754	-4,999	-1,072
Kentucky	5,101	-3,935	-3,972	-438	-472	-3,244	-10,907	-15,298
Louisiana	-11,626	-38,082	-10,577	14,343	1,247	-8,405	-17,744	-19,052
Maryland	27	-937	-1,563	30	-44	-2,753	-911	66
Michigan	19,636	R-30,911	-34,815	-29,306	-26,426	-56,117	-75,962	-60,504
Minnesota	-86	-302	-334	-271	6	6	6	72
Mississippi	-5,551	-22,472	-104	1,605	752	2,549	-2,897	-9,016
Missouri	-311	-191	10	6	-104	-6	4	6
Montana	3,673	-1,626	-4,827	-4,725	-6,269	-7,339	-6,548	-4,376
Nebraska	158	-749	-680	-145	-282	-994	-958	-1,267
New Mexico	2,874	538	-383	-1,168	-1,182	-606	-1,607	-4,434
New York	1,350	-7,637	-12,576	-4,251	-5,434	-9,720	-12,277	-4,618
Ohio	6,019	-17,629	-20,074	-16,209	-17,301	-20,684	-22,947	-15,385
Oklahoma	-921	-11,706	-7,760	-585	-45	-11,503	-19,505	-11,962
Oregon	228	-788	-159	-191	-954	-1,990	-3,411	-1,121
Pennsylvania	16,802	-31,940	-39,778	-7,034	-8,773	-32,229	-53,792	-33,516
Tennessee	7	0	0	0	0	-90	-72	-47
Texas	-16,276	-56,395	-9,638	49,579	16,602	-6,591	-20,524	-29,356
Utah	-1,879	-1,266	-1,537	-1,632	-2,147	-2,485	-6,503	-3,855
Virginia	-281	-239	-441	119	-740	530	-260	-45
Washington	378	432	-1,400	-592	1,380	-710	-4,598	-972
West Virginia	8,190	-12,083	-23,826	-16,634	-18,046	-27,512	-41,203	-26,357
Wyoming	-2,606	-1,900	-2,373	-2,836	-2,230	-4,780	-7,291	-5,629
Regions								
East region	32,108	-70,465	-98,258	-43,980	-50,337	-92,368	-131,390	-79,854
South central region	-33,246	-138,900	-33,789	57,275	17,299	-28,369	-65,963	-69,882
Midwest region	19,078	R-97,295	-97,869	-76,955	-63,843	-95,971	-107,466	-70,432
Mountain region	2,491	-7,701	-14,181	-14,688	-15,570	-22,576	-28,600	-20,018
Pacific region	1,094	-14,032	-5,642	1,400	-5,021	-12,295	-27,776	-15,746
Total lower 48 states	21,525	R-328,394	-249,740	-76,947	-117,472	-251,578	-361,195	-255,932
U.S. total	23,567	R-328,126	-251,000	-78,624	-119,518	-253,559	-362,533	-256,014

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2022-2024

million cubic feet – continued

State	2024			2023				
	March	February	January	Total	December	November	October	September
Alabama	-3,240	-5,618	5,760	-6,555	1,668	-1,078	-3,850	-3,531
Alaska ^a	1,075	1,812	2,882	-317	2,648	1,802	316	-1,087
Arkansas	624	648	1,621	-478	1,217	660	-441	-764
California	-7,580	1,951	43,248	-103,170	9,751	-7,093	-6,131	-24,345
Colorado	7,538	7,514	10,310	-6,465	3,224	967	-2,280	-6,360
Illinois	29,370	47,797	65,597	-13,992	41,607	-7,035	-46,091	-39,880
Indiana	1,113	4,021	6,755	-2,948	2,374	-1,513	-3,644	-4,074
Iowa	6,769	12,210	19,788	-1,961	17,950	-6,298	-15,628	-16,991
Kansas	2,292	-243	17,261	-16,180	5,068	3,751	-2,291	-9,754
Kentucky	-804	4,047	21,097	1,440	11,882	3,146	-7,532	-5,710
Louisiana	-18,506	-14,817	82,545	-50,066	7,844	-14,049	-37,579	-16,912
Maryland	-360	1,210	4,068	-1,470	598	588	-593	-616
Michigan	27,704	49,838	144,956	-98,978	53,811	32,689	-32,750	-55,069
Minnesota	536	58	408	-4	17	-138	-339	-325
Mississippi	-4,471	-4,413	30,247	-17,081	5,480	7,539	-16,684	-13,930
Missouri	36	-373	818	-688	112	-231	-479	-235
Montana	4,039	5,325	7,257	-5,223	4,982	2,487	-904	-2,631
Nebraska	-245	728	2,158	-2,371	1,306	335	-757	-911
New Mexico	-4,403	-1,089	3,542	-17,502	-868	-1,855	-3,336	-1,850
New York	8,391	14,635	22,232	-15,036	7,191	3,740	-6,869	-9,078
Ohio	14,597	30,539	43,745	-12,669	22,287	17,303	-17,159	-23,656
Oklahoma	-2,572	5,827	39,306	-16,720	12,038	2,245	-10,503	-9,176
Oregon	-1,881	2,413	5,672	-5,231	1,047	165	-638	-1,789
Pennsylvania	14,497	65,411	90,132	-37,976	20,743	16,706	-36,959	-29,000
Tennessee	1	9	30	-260	-24	4	*	-13
Texas	-36,747	-11,799	94,139	-47,701	2,763	-11,057	-47,981	-7,312
Utah	-2,699	567	12,489	-15,436	6,469	2,276	-2,300	-5,608
Virginia	315	-61	800	-683	-232	578	-437	-970
Washington	-1,824	3,668	4,443	-6,681	-1,229	-312	2,668	-767
West Virginia	15,800	37,670	54,309	-21,349	38,633	17,454	-17,254	-24,820
Wyoming	-3,304	3,229	6,756	-23,338	3,895	1,118	-2,783	-5,697
Regions								
East region	53,240	149,405	215,285	-89,182	89,220	56,369	-79,272	-88,140
South central region	-62,618	-30,417	270,879	-154,781	36,080	-11,989	-119,327	-61,378
Midwest region	64,725	117,607	259,449	-117,391	127,729	20,625	-106,462	-122,299
Mountain region	926	16,274	42,511	-70,335	19,006	5,330	-12,360	-23,056
Pacific region	-11,286	8,033	53,364	-115,082	9,569	-7,241	-4,101	-26,902
Total lower 48 states	44,987	260,903	841,488	-546,771	281,604	63,094	-321,522	-321,775
U.S. total	46,062	262,715	844,369	-547,088	284,252	64,896	-321,206	-322,862

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2022-2024

million cubic feet – continued

State	2023							
	August	July	June	May	April	March	February	January
Alabama	4,087	2,868	243	-1,303	-3,731	-468	-392	-1,070
Alaska ^a	-1,642	-1,974	-1,876	-1,117	-198	794	1,160	857
Arkansas	-1,006	-964	-929	-846	-319	1,129	627	1,157
California	-16,003	-16,579	-45,318	-41,501	-27,136	8,985	32,422	29,781
Colorado	-5,815	-2,524	-7,118	-8,269	-2,572	5,341	8,002	10,938
Illinois	-33,745	-28,118	-27,140	-15,376	6,481	36,124	51,258	47,923
Indiana	-3,454	-1,226	-802	-824	-359	2,668	3,799	4,108
Iowa	-11,625	-843	-4,012	-2,360	938	6,790	10,810	19,307
Kansas	-2,357	-7,498	-7,987	-11,800	-6,853	7,709	5,876	9,956
Kentucky	-396	1,126	-4,056	-12,122	-10,941	3,102	9,168	13,773
Louisiana	21,907	10,465	-14,060	-30,838	-8,275	2,255	17,546	11,630
Maryland	-1,962	924	-694	429	-835	-260	178	773
Michigan	-40,865	-49,651	-70,222	-78,513	-64,570	53,935	66,642	85,584
Minnesota	-285	-210	-17	6	207	549	286	244
Mississippi	12,508	13,541	1,448	-13,647	-16,614	-4,196	7,387	87
Missouri	8	9	8	10	-47	31	32	96
Montana	-3,685	-5,960	-5,958	-5,467	-2,587	4,136	5,624	4,739
Nebraska	-88	-971	-1,725	-2,131	-1,201	1,186	1,459	1,128
New Mexico	-2,255	-2,032	-2,638	-2,932	-3,470	-258	1,656	2,336
New York	-5,907	-6,134	-13,340	-14,987	-9,356	9,418	14,364	15,923
Ohio	-24,015	-19,261	-19,989	-23,993	-9,289	25,849	26,071	33,182
Oklahoma	-1,738	-6,601	-17,890	-20,955	-5,934	10,984	13,444	17,364
Oregon	-1,550	-1,510	-4,965	-4,794	-2,750	2,355	5,032	4,166
Pennsylvania	-16,812	-4,497	-31,646	-61,587	-37,288	33,302	53,733	55,330
Tennessee	-88	-96	-93	-86	-20	46	47	64
Texas	43,004	17,484	-10,724	-34,464	-22,389	-16,136	16,095	23,014
Utah	-8,249	-7,701	-9,803	-10,289	-3,669	3,316	8,586	11,536
Virginia	-562	1,002	-494	-465	-24	823	454	-355
Washington	-2,408	2,303	-3,940	-9,928	-2,677	3,248	4,095	2,266
West Virginia	-23,520	-17,370	-29,799	-32,845	-27,666	20,020	29,910	45,908
Wyoming	-4,331	-1,529	-8,004	-9,227	-5,341	894	3,795	3,873
Regions								
East region	-72,778	-45,335	-95,962	-133,447	-84,458	89,152	124,708	150,761
South central region	76,405	29,294	-49,899	-113,853	-64,114	1,277	60,584	62,139
Midwest region	-90,450	-79,007	-106,335	-109,266	-68,312	103,245	142,043	171,099
Mountain region	-24,424	-20,717	-35,246	-38,315	-18,841	14,615	29,122	34,551
Pacific region	-19,961	-15,786	-54,224	-56,223	-32,563	14,588	41,548	36,212
Total lower 48 states	-131,208	-131,552	-341,666	-451,104	-268,287	222,877	398,006	454,762
U.S. total	-132,850	-133,525	-343,542	-452,221	-268,486	223,671	399,166	455,619

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2022-2024

million cubic feet – continued

State	2022							
	Total	December	November	October	September	August	July	June
Alabama	6,278	3,098	-377	-4,933	-3,282	526	1,553	4,241
Alaska ^a	-3,982	1,866	1,171	-473	-2,320	-2,328	-2,322	-2,552
Arkansas	776	1,265	708	-588	-629	-1,067	-1,074	-882
California	48,440	46,261	22,453	1,537	-2,702	11,338	-8,374	-21,321
Colorado	1,105	7,525	-630	-5,458	-9,362	-5,347	-1,462	-4,454
Illinois	10,416	46,078	4,926	-45,403	-38,908	-34,626	-30,481	-26,677
Indiana	3,865	5,101	-1,026	-3,115	-4,135	-3,784	-2,836	-2,048
Iowa	3,696	20,131	-5,160	-17,640	-17,235	-11,183	-3,052	-3,110
Kansas	14,368	16,854	5,969	-4,401	-16,415	-6,891	-8,414	-16,307
Kentucky	909	13,981	-280	-16,736	-11,081	-1,399	3,227	-2,542
Louisiana	29,121	43,710	-13,211	-50,665	-21,002	5,161	12,496	-18,485
Maryland	1,023	1,330	303	-896	-2,574	-2,716	-2,057	-1,302
Michigan	35,531	113,169	25,525	-53,640	-78,072	-67,560	-57,950	-78,579
Minnesota	89	157	-149	-337	-279	-275	-223	-52
Mississippi	26,496	23,459	-3,190	-29,841	-21,162	49	10,491	23,069
Missouri	665	279	-545	11	11	11	19	19
Montana	-1,731	7,089	5,123	-2,126	-4,934	-5,495	-5,308	-5,861
Nebraska	1,894	1,157	572	-1,424	-1,524	764	-283	-1,946
New Mexico	2,615	-1,425	-2,002	-2,381	69	217	1,887	935
New York	5,122	13,641	-1,500	-15,253	-12,521	-3,885	-3,787	-10,404
Ohio	6,984	27,818	5,261	-17,214	-27,394	-21,670	-20,888	-24,892
Oklahoma	6,980	20,697	6,589	-11,346	-14,731	-11,709	-7,923	-15,279
Oregon	1,228	5,728	1,013	-2,843	-1,426	-135	-2,813	-4,567
Pennsylvania	13,664	57,227	-1,035	-41,303	-62,085	-29,303	-22,422	-42,583
Tennessee	110	64	51	-49	-46	-49	-56	-51
Texas	17,656	27,534	-4,110	-62,435	-43,934	378	5,761	-20,141
Utah	8,512	15,858	7,519	-3,593	-6,047	-2,000	-4,744	-7,114
Virginia	660	378	460	-503	-1,195	-58	38	-865
Washington	2,724	4,225	2,705	987	-3,168	1,591	-2,202	-6,395
West Virginia	28,196	43,497	13,280	-23,522	-24,699	-14,718	-26,273	-31,235
Wyoming	3,410	6,658	1,339	-6,646	-3,191	-63	-562	-2,233
Regions								
East region	55,648	143,891	16,769	-98,691	-130,468	-72,349	-75,389	-111,281
South central region	101,675	136,617	-7,622	-164,208	-121,155	-13,552	12,890	-43,784
Midwest region	55,280	198,961	23,342	-136,908	-149,745	-118,866	-91,354	-113,041
Mountain region	15,877	36,940	11,935	-21,620	-25,034	-11,910	-10,460	-20,661
Pacific region	52,392	56,214	26,170	-318	-7,295	12,794	-13,390	-32,284
Total lower 48 states	280,800	572,543	70,581	-421,751	-433,651	-203,896	-177,716	-321,061
U.S. total	276,818	574,409	71,752	-422,224	-435,970	-206,224	-180,038	-323,613

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2022-2024

million cubic feet – continued

State	2022				
	May	April	March	February	January
Alabama	-242	-2,894	-134	1,367	7,356
Alaska ^a	-1,700	-123	779	1,410	2,610
Arkansas	-947	-177	899	1,541	1,726
California	-19,244	-15,824	-4,812	18,689	20,438
Colorado	-5,572	2,765	2,102	8,829	12,169
Illinois	-19,121	4,813	30,379	46,075	73,361
Indiana	-1,275	310	3,220	5,855	7,596
Iowa	-777	1,911	6,555	12,336	20,920
Kansas	-8,999	-2,851	12,483	19,617	23,723
Kentucky	-13,410	-12,920	-1,582	18,029	25,623
Louisiana	-38,230	-54,036	-9,625	69,040	103,968
Maryland	-1,231	867	2,099	2,803	4,398
Michigan	-80,140	-29,583	39,077	120,965	182,318
Minnesota	6	97	204	317	623
Mississippi	-8,855	-26,366	-13,800	12,383	60,259
Missouri	-221	-445	184	261	1,080
Montana	-5,205	-1,723	3,249	6,105	7,353
Nebraska	-1,335	-329	1,154	1,986	3,102
New Mexico	441	54	-514	2,628	2,706
New York	-11,430	-1,883	11,001	15,943	25,200
Ohio	-24,494	-1,317	23,642	36,952	51,179
Oklahoma	-21,435	-13,344	3,403	29,223	42,836
Oregon	-5,311	365	582	4,697	5,938
Pennsylvania	-51,337	-8,613	27,667	73,244	114,206
Tennessee	-1	26	44	62	115
Texas	-30,876	-44,712	-221	82,357	108,055
Utah	-8,295	-874	-3,335	9,578	11,559
Virginia	90	1,049	211	50	1,006
Washington	-5,357	2,281	655	7,379	24
West Virginia	-34,789	-7,529	25,541	42,836	65,806
Wyoming	-3,846	-2,750	2,279	5,921	6,503
Regions					
East region	-123,191	-17,426	90,161	171,828	261,794
South central region	-109,585	-144,381	-6,997	215,528	347,924
Midwest region	-114,937	-35,790	78,082	203,900	311,636
Mountain region	-23,929	-2,899	4,961	35,088	43,465
Pacific region	-29,912	-13,178	-3,575	30,765	26,400
Total lower 48 states	-401,436	-213,632	162,605	657,068	991,146
U.S. total	-403,136	-213,755	163,384	658,478	993,756

^a Alaska data are not included in the regions' totals or the lower 48 states total.^R Revised data.^{*} Volume is less than 500 Mcf.**Source:** U.S. Energy Information Administration (EIA): Form EIA-191, *Monthly Underground Gas Storage Report*.**Note:** This table contains total net withdrawals for each of the states with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. EIA publishes weekly estimates of working gas in underground storage by geographical region. Explanatory Note 5 in Appendix A contains a list of the five regions shown in this table and the states included in each.

Table 13. Activities of underground natural gas storage operators, by state, November 2024

volumes in million cubic feet

State	Field count	Total storage capacity	Working gas storage capacity	Natural gas in underground storage at end of period			Change in working gas from same period previous year		Storage activity	
				Base gas	Working gas	Total	Volume	Percent	Injections	Withdrawals
Alabama	2	43,600	33,150	10,450	25,863	36,313	3,277	14.5	3,127	1,090
Alaska ^a	5	83,592	67,915	14,197	30,196	44,392	-2,396	-7.4	199	2,241
Arkansas	2	21,972	8,894	13,078	5,493	18,571	282	5.4	35	784
California	14	604,048	323,068	281,003	266,574	547,577	17,268	6.9	7,828	8,315
Colorado	10	141,407	72,959	60,982	59,879	120,862	-1,346	-2.2	3,723	3,993
Illinois	28	1,019,823	303,813	717,470	260,200	977,670	3,681	1.4	16,993	16,656
Indiana	23	113,549	32,285	81,264	28,998	110,262	1,005	3.6	1,215	441
Iowa	4	288,210	90,313	197,881	79,321	277,203	215	0.3	9,591	5,432
Kansas	16	282,986	122,982	163,793	106,187	269,980	3,417	3.3	7,245	9,661
Kentucky	22	222,230	108,131	111,826	90,401	202,227	-3,350	-3.6	2,040	7,141
Louisiana	19	742,784	443,328	297,881	358,887	656,768	24,142	7.2	37,791	26,166
Maryland	1	64,000	18,300	45,677	17,383	63,060	554	3.3	1,266	1,293
Michigan	44	1,076,066	688,390	386,411	634,484	1,020,895	20,058	3.3	13,562	33,198
Minnesota	1	7,000	2,000	4,848	2,147	6,995	15	0.7	86	0
Mississippi	11	329,732	200,932	120,401	132,562	252,963	8,623	7.0	14,966	9,415
Missouri	1	13,845	3,656	10,189	2,916	13,105	-7	-0.2	329	18
Montana	4	376,225	197,477	182,520	40,051	222,571	9,046	29.2	205	3,878
Nebraska	1	34,850	12,653	22,197	12,122	34,319	876	7.8	207	365
New Mexico	2	89,100	59,738	29,362	47,225	76,587	8,804	22.9	67	2,941
New York	26	242,791	125,198	116,871	102,047	218,918	2,719	2.7	2,846	4,196
Ohio	24	575,109	240,594	334,453	191,967	526,419	12,015	6.7	6,178	12,197
Oklahoma	12	374,655	203,921	169,387	174,647	344,033	9,094	5.5	7,962	7,042
Oregon	8	36,459	21,550	14,909	20,854	35,763	1,060	5.4	141	370
Pennsylvania	49	763,296	426,326	336,779	364,799	701,578	-431	-0.1	17,478	34,280
Tennessee	2	2,400	1,800	878	1,575	2,452	179	12.8	0	7
Texas	38	878,589	563,510	314,481	489,024	803,504	24,384	5.2	54,189	37,913
Utah	3	132,309	62,792	69,507	55,187	124,694	4,442	8.8	3,150	1,272
Virginia	2	8,960	4,930	4,030	4,710	8,740	527	12.6	465	184
Washington	1	46,900	24,600	22,300	21,500	43,800	983	4.8	1,566	1,943
West Virginia	31	533,175	265,409	267,974	219,311	487,285	9,020	4.3	5,105	13,295
Wyoming	8	167,995	74,297	82,354	72,930	155,283	19,036	35.3	3,825	1,219
Regions										
East region	133	2,187,330	1,080,756	1,105,784	900,216	2,006,001	24,403	2.8	33,338	65,446
South central region	100	2,674,318	1,576,718	1,089,470	1,292,663	2,382,133	73,218	6.0	125,316	92,070
Midwest region	125	2,743,123	1,230,388	1,510,767	1,100,042	2,610,809	21,796	2.0	43,815	62,894
Mountain region	28	941,886	479,916	446,922	287,393	734,316	40,859	16.6	11,177	13,668
Pacific region	23	687,407	369,218	318,212	308,928	627,140	19,312	6.7	9,535	10,628
Total lower 48 states	409	9,234,065	4,736,996	4,471,156	3,889,242	8,360,398	179,588	4.8	223,181	244,706
U.S. total	414	9,317,657	4,804,911	4,485,353	3,919,437	8,404,790	177,193	4.7	223,380	246,947

^a Alaska data are not included in the regions' totals or the lower 48 states total.**Source:** U.S. Energy Information Administration (EIA): Form EIA-191, *Monthly Underground Gas Storage Report*.

Note: Existing fields include both active and inactive fields. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Total gas capacity may not equal the sum of base gas and working gas capacity, owing to changes in operational conditions. Totals may not equal sum of components because of independent rounding. EIA publishes weekly estimates of working gas in underground storage by geographical region. Explanatory Note 5 in Appendix A contains a list of the five regions shown in this table and the states included in each.

Table 14. Natural gas deliveries to residential consumers, by state, 2022-2024

million cubic feet

State or district	2024	2023	2022	2024				
	11-month YTD	11-month YTD	11-month YTD	November	October	September	August	July
Alabama	23,147	22,928	25,336	1,773	945	728	623	604
Alaska	18,632	17,626	16,967	2,734	1,789	1,012	686	558
Arizona	35,292	40,042	35,583	3,367	1,503	1,234	1,083	1,190
Arkansas	NA	24,437	26,749	NA	NA	NA	NA	NA
California	NA	412,814	365,655	39,431	22,661	18,284	17,526	18,997
Colorado	108,138	118,860	118,819	17,161	5,669	3,049	2,642	2,781
Connecticut	NA	40,171	42,781	4,466	2,113	1,144	1,011	1,057
Delaware	8,826	9,072	9,811	873	349	187	186	203
District of Columbia	8,388	8,603	9,924	929	438	235	194	232
Florida	NA	16,288	16,942	NA	1,223	1,051	913	1,007
Georgia	108,799	100,601	111,247	11,306	6,717	4,537	4,521	4,518
Hawaii	562	545	545	47	46	47	48	48
Idaho	27,628	29,372	29,792	4,427	1,978	809	684	401
Illinois	NA	311,908	353,430	33,539	13,603	7,565	7,720	7,290
Indiana	NA	104,913	119,496	11,920	5,079	2,220	2,183	1,946
Iowa	43,357	51,495	58,256	5,528	1,776	1,020	1,086	799
Kansas	NA	49,718	52,723	5,269	NA	NA	NA	NA
Kentucky	33,239	33,562	40,500	3,904	1,747	874	788	753
Louisiana	NA	24,360	30,185	NA	1,472	1,345	1,125	1,122
Maine	NA	2,536	2,593	290	NA	63	52	51
Maryland	59,594	59,872	68,074	6,802	3,097	1,620	1,493	1,465
Massachusetts	88,918	93,812	111,188	10,070	5,743	2,696	2,515	2,280
Michigan	230,691	247,222	275,588	29,036	14,206	5,972	5,829	5,403
Minnesota	95,859	112,961	126,930	11,892	4,724	2,576	2,654	2,587
Mississippi	NA	16,046	18,786	NA	793	502	586	456
Missouri	65,925	76,986	84,562	8,459	2,980	1,730	1,771	1,728
Montana	17,804	19,099	18,984	2,216	1,044	460	365	377
Nebraska	26,464	32,374	31,952	2,690	1,082	701	641	732
Nevada	37,052	44,431	42,017	4,011	1,750	1,416	1,211	1,244
New Hampshire	5,598	5,967	6,146	530	223	155	137	130
New Jersey	181,383	183,228	197,430	18,940	8,886	5,254	4,660	4,881
New Mexico	NA	30,919	30,318	2,719	NA	1,019	1,005	916
New York	333,525	356,198	376,833	32,920	15,975	10,300	8,653	10,502
North Carolina	NA	49,583	55,809	7,174	3,023	1,396	NA	1,192
North Dakota	9,479	11,372	11,787	876	348	188	194	188
Ohio	207,531	220,124	239,450	25,508	12,636	5,278	4,330	4,340
Oklahoma	43,268	49,063	50,340	3,370	1,375	1,179	1,211	1,261
Oregon	38,395	40,489	40,516	5,769	2,726	1,124	942	892
Pennsylvania	179,849	173,734	194,279	20,535	10,016	4,543	4,195	3,590
Rhode Island	14,758	14,749	16,055	1,726	553	456	405	370
South Carolina	25,789	24,195	26,474	2,513	1,348	704	604	601
South Dakota	NA	11,687	11,619	971	325	223	NA	210
Tennessee	NA	51,989	59,972	3,799	2,504	1,404	NA	1,213
Texas	NA	168,666	196,554	NA	8,158	6,735	6,369	7,299
Utah	58,384	69,376	64,321	9,542	2,018	1,975	1,644	1,733
Vermont	2,935	3,148	3,388	307	145	85	76	75
Virginia	59,145	60,073	68,540	7,002	3,191	1,652	1,521	1,438
Washington	71,950	74,230	77,845	10,213	5,973	2,404	2,272	1,843
West Virginia	NA	18,046	20,724	1,983	947	336	320	296
Wisconsin	101,743	111,607	124,640	12,915	5,230	2,579	2,480	2,437
Wyoming	12,013	11,523	10,998	1,606	414	287	243	227
Total	3,627,564	3,862,623	4,129,454	414,415	194,805	114,192	105,284	107,121

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2022-2024

million cubic feet – continued

State or district	2024						2023	
	June	May	April	March	February	January	Total	December
Alabama	693	956	1,709	2,725	4,500	7,891	27,402	4,474
Alaska	647	1,254	1,615	2,266	2,692	3,380	20,702	3,076
Arizona	1,484	2,021	3,456	4,872	6,697	8,385	45,066	5,024
Arkansas	NA	NA	1,714	2,675	5,202	6,884	28,803	4,365
California	21,616	27,791	33,988	47,226	53,923	NA	463,190	50,375
Colorado	2,901	6,041	9,256	15,302	18,306	25,030	139,151	20,291
Connecticut	1,253	NA	4,617	5,964	7,737	9,299	46,972	6,801
Delaware	225	396	836	1,362	1,942	2,267	10,857	1,785
District of Columbia	249	411	738	1,132	1,655	2,175	10,260	1,657
Florida	1,101	1,581	1,964	NA	2,642	3,085	18,472	2,183
Georgia	4,606	5,451	7,632	12,367	18,273	28,869	121,869	21,268
Hawaii	48	55	55	55	53	59	597	52
Idaho	793	1,595	2,347	3,835	4,319	6,440	34,572	5,200
Illinois	8,126	10,499	26,445	40,164	47,499	NA	363,617	51,709
Indiana	2,341	NA	8,054	13,719	17,655	27,612	123,625	18,712
Iowa	1,113	1,636	3,807	6,266	7,691	12,637	60,310	8,815
Kansas	1,347	NA	NA	5,635	7,523	15,227	59,008	9,290
Kentucky	785	1,000	2,356	3,896	6,385	10,750	40,870	7,308
Louisiana	1,192	1,297	1,486	2,866	4,261	7,465	29,206	4,846
Maine	62	123	272	393	478	571	2,983	447
Maryland	1,617	2,478	5,011	8,571	11,985	15,455	71,637	11,765
Massachusetts	3,322	4,466	8,193	13,057	16,019	20,557	109,805	15,993
Michigan	5,663	7,637	20,799	36,514	40,857	58,775	284,916	37,694
Minnesota	2,029	3,435	8,515	16,169	16,411	24,866	130,496	17,535
Mississippi	399	633	832	1,827	2,934	5,365	19,455	3,409
Missouri	2,002	2,220	4,904	8,258	12,122	19,751	91,978	14,991
Montana	633	1,250	1,820	2,651	3,058	3,930	22,100	3,001
Nebraska	824	1,297	2,289	3,909	4,497	7,800	37,741	5,367
Nevada	1,549	2,194	3,424	5,173	6,809	8,271	50,610	6,179
New Hampshire	149	254	606	867	1,146	1,401	7,046	1,079
New Jersey	6,059	8,384	18,398	25,754	35,232	44,934	215,856	32,627
New Mexico	897	1,402	3,398	3,928	5,230	6,999	36,773	5,854
New York	12,182	17,548	33,543	50,822	62,436	78,643	414,830	58,632
North Carolina	1,170	1,442	3,294	6,432	10,961	17,938	63,298	13,715
North Dakota	296	603	1,244	1,518	1,815	2,209	12,955	1,583
Ohio	4,883	7,874	18,486	30,496	39,114	54,587	258,335	38,210
Oklahoma	1,317	1,683	2,769	5,120	8,038	15,945	59,076	10,013
Oregon	1,226	2,433	3,536	5,458	5,998	8,290	46,861	6,372
Pennsylvania	4,309	6,813	14,798	30,091	35,292	45,667	206,816	33,082
Rhode Island	391	657	1,500	2,271	2,861	3,566	17,239	2,489
South Carolina	608	791	1,613	3,166	5,623	8,217	30,561	6,366
South Dakota	280	583	1,152	1,635	1,940	2,666	13,435	1,748
Tennessee	1,731	1,923	4,261	NA	NA	NA	62,997	11,009
Texas	7,636	7,109	9,656	17,814	30,665	52,904	200,326	31,660
Utah	2,432	3,943	4,486	8,222	9,413	12,978	82,284	12,908
Vermont	96	152	339	463	578	620	3,649	501
Virginia	1,643	2,399	4,734	7,790	11,837	15,938	72,802	12,729
Washington	2,632	4,717	6,976	9,893	10,989	14,038	86,832	12,602
West Virginia	346	666	1,540	NA	NA	NA	21,433	3,387
Wisconsin	2,783	4,118	10,128	15,947	17,890	25,235	130,150	18,543
Wyoming	425	905	1,270	1,848	2,092	2,696	13,504	1,981
Total	122,630	171,878	318,451	509,664	646,990	922,135	4,523,328	660,704

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2022-2024

million cubic feet – continued

State or district	2023							
	November	October	September	August	July	June	May	April
Alabama	2,800	1,105	717	724	738	802	1,178	1,788
Alaska	2,367	1,864	1,010	573	568	725	1,111	1,791
Arizona	2,826	1,479	1,314	1,193	1,137	1,537	2,127	3,729
Arkansas	2,085	839	568	635	630	700	1,209	2,440
California	37,009	23,743	18,666	17,702	20,784	24,434	29,595	37,246
Colorado	15,982	9,398	3,101	2,797	2,712	3,846	4,974	10,722
Connecticut	5,624	2,205	1,091	1,069	1,093	1,398	2,269	3,580
Delaware	1,255	394	197	192	192	233	424	849
District of Columbia	1,318	389	246	219	251	378	443	632
Florida	1,478	1,172	925	843	951	1,129	1,375	1,648
Georgia	14,120	7,118	4,508	4,467	4,355	4,620	5,858	8,028
Hawaii	45	46	49	46	44	55	48	50
Idaho	4,151	2,434	829	601	647	830	1,224	3,008
Illinois	40,835	18,616	7,881	7,170	7,517	8,588	15,652	28,502
Indiana	13,291	7,707	2,510	2,360	2,360	2,121	4,547	9,871
Iowa	6,143	2,872	1,158	857	1,076	1,195	2,054	4,935
Kansas	7,036	2,880	1,512	1,204	1,230	1,235	2,077	3,501
Kentucky	4,978	1,871	774	791	739	850	1,337	2,476
Louisiana	2,862	1,288	1,014	1,777	1,108	1,091	1,350	1,612
Maine	352	128	62	55	60	83	131	236
Maryland	9,448	3,438	1,678	1,796	1,772	2,107	2,815	3,862
Massachusetts	13,804	4,856	2,785	2,259	2,574	2,940	5,211	7,662
Michigan	36,124	18,070	6,058	5,715	5,750	6,079	13,166	22,095
Minnesota	14,633	7,332	2,385	2,405	1,979	2,511	4,320	11,460
Mississippi	2,289	849	463	494	530	678	533	1,153
Missouri	10,347	4,527	1,883	1,668	1,443	1,785	2,778	5,284
Montana	2,344	1,198	409	375	195	391	948	2,135
Nebraska	3,544	1,609	694	751	775	927	1,441	2,973
Nevada	3,647	2,025	1,531	1,383	1,316	1,774	2,690	4,683
New Hampshire	570	355	183	140	168	183	289	539
New Jersey	24,283	10,477	5,255	4,859	5,205	6,690	9,178	17,823
New Mexico	3,497	1,440	857	876	881	1,044	1,382	2,633
New York	47,317	19,265	11,493	9,580	12,172	13,570	18,948	30,067
North Carolina	8,816	2,638	1,142	1,095	1,072	907	2,248	3,468
North Dakota	1,094	426	187	187	179	263	747	1,499
Ohio	30,365	9,931	4,338	4,472	4,894	5,543	12,312	21,826
Oklahoma	5,100	2,351	1,080	1,211	1,311	1,472	2,040	3,748
Oregon	5,609	2,951	1,202	936	919	1,223	1,584	4,581
Pennsylvania	25,536	10,469	4,589	4,126	3,635	4,243	8,371	13,979
Rhode Island	2,264	752	479	397	391	581	666	1,062
South Carolina	3,688	1,091	647	581	633	714	1,042	1,897
South Dakota	1,141	465	220	200	193	283	550	1,445
Tennessee	5,928	2,387	1,278	1,268	1,309	1,283	2,093	4,044
Texas	21,002	9,915	5,301	5,832	6,475	6,782	7,279	12,043
Utah	9,692	3,628	1,822	1,959	2,205	2,063	2,768	6,327
Vermont	376	142	87	78	86	115	185	327
Virginia	9,316	3,275	1,757	1,510	1,579	2,103	2,774	4,160
Washington	10,853	6,209	2,831	1,877	1,659	2,403	3,640	7,457
West Virginia	2,377	1,053	429	325	310	305	711	1,624
Wisconsin	14,281	6,922	2,896	2,236	2,547	2,824	6,128	10,644
Wyoming	1,299	550	279	185	234	334	777	1,485
Total	497,140	228,145	114,373	106,054	112,583	129,967	198,597	340,634

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2022-2024

million cubic feet – continued

State or district	2023			2022				
	March	February	January	Total	December	November	October	September
Alabama	3,245	4,071	5,759	30,420	5,085	2,956	1,194	657
Alaska	2,448	2,491	2,678	20,200	3,233	2,521	1,746	951
Arizona	7,215	8,393	9,092	42,164	6,581	3,670	1,537	1,102
Arkansas	3,789	5,484	6,058	31,373	4,624	1,944	842	528
California	64,009	64,332	75,295	432,636	66,981	47,921	21,646	17,268
Colorado	19,250	19,569	26,510	142,366	23,547	18,683	7,603	3,384
Connecticut	6,760	7,480	7,600	50,745	7,964	4,557	2,645	1,192
Delaware	1,619	1,731	1,986	11,941	2,130	990	492	184
District of Columbia	1,411	1,495	1,821	11,884	1,960	1,081	406	264
Florida	1,803	2,147	2,818	18,929	1,987	1,399	1,241	929
Georgia	12,906	14,172	20,447	134,256	23,009	13,759	8,067	4,598
Hawaii	54	54	54	599	54	46	43	49
Idaho	4,646	5,333	5,669	35,976	6,184	5,449	1,638	758
Illinois	52,632	57,616	66,898	424,293	70,863	42,469	21,576	8,941
Indiana	18,326	18,729	23,091	143,573	24,077	14,967	7,515	3,043
Iowa	9,115	10,045	12,044	70,902	12,646	7,287	3,322	1,191
Kansas	7,608	9,687	11,748	65,343	12,620	7,539	2,808	1,194
Kentucky	5,913	5,892	7,940	49,821	9,321	5,492	2,329	775
Louisiana	3,132	3,637	5,490	35,318	5,132	3,570	1,721	1,086
Maine	424	500	503	3,058	465	265	148	62
Maryland	9,924	10,851	12,180	82,532	14,458	7,810	3,868	1,598
Massachusetts	15,306	17,471	18,945	131,543	20,355	11,220	6,130	2,819
Michigan	42,365	43,608	48,192	328,712	53,123	33,857	20,001	6,837
Minnesota	19,954	20,916	25,065	150,761	23,831	15,112	7,216	2,758
Mississippi	2,205	2,705	4,148	22,331	3,545	2,508	952	514
Missouri	13,723	14,315	19,233	103,642	19,079	11,729	5,000	1,758
Montana	3,603	3,414	4,086	23,261	4,277	3,203	710	406
Nebraska	5,774	6,137	7,750	39,407	7,455	3,967	1,343	697
Nevada	8,108	8,230	9,044	47,112	5,094	4,100	2,313	1,492
New Hampshire	1,048	1,255	1,238	7,426	1,280	466	246	192
New Jersey	31,935	31,349	36,173	238,448	41,019	20,931	11,004	5,110
New Mexico	5,377	5,941	6,992	36,622	6,303	5,039	1,678	810
New York	61,650	62,285	69,851	449,840	73,007	38,527	21,807	9,846
North Carolina	7,626	8,245	12,326	71,983	16,175	7,520	3,700	1,314
North Dakota	2,198	2,037	2,555	13,979	2,192	1,111	436	193
Ohio	38,000	40,083	48,363	292,734	53,284	32,497	13,225	5,161
Oklahoma	8,055	10,374	12,320	61,227	10,887	6,700	2,039	1,160
Oregon	6,684	7,226	7,574	49,034	8,518	7,375	2,198	1,027
Pennsylvania	30,798	33,781	34,207	237,370	43,091	21,170	11,568	4,551
Rhode Island	2,457	2,616	3,085	18,224	2,169	1,120	574	422
South Carolina	3,240	4,153	6,508	33,460	6,986	3,338	1,438	700
South Dakota	2,304	2,142	2,744	14,579	2,959	1,066	431	215
Tennessee	8,059	11,180	13,159	72,878	12,906	7,950	2,824	1,296
Texas	21,526	35,033	37,479	232,766	36,212	25,492	9,173	5,669
Utah	12,011	12,435	14,465	78,791	14,470	12,018	3,958	1,629
Vermont	547	606	598	3,915	527	291	178	91
Virginia	9,964	10,478	13,158	84,255	15,716	8,400	4,359	1,760
Washington	11,299	12,662	13,340	93,930	16,085	13,391	4,750	2,190
West Virginia	3,513	3,359	4,042	25,049	4,325	2,445	1,572	552
Wisconsin	19,795	20,802	22,533	149,214	24,574	14,719	8,229	2,938
Wyoming	1,922	1,901	2,557	13,434	2,436	1,583	496	234
Total	637,275	690,444	807,411	4,964,255	834,800	513,226	241,933	114,093

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2022-2024

million cubic feet – continued

State or district	2022							
	August	July	June	May	April	March	February	January
Alabama	646	610	672	931	2,033	3,197	5,261	7,179
Alaska	660	513	508	950	1,508	2,101	2,243	3,266
Arizona	1,140	1,088	1,533	1,851	2,927	5,794	7,104	7,837
Arkansas	443	388	585	801	2,700	5,312	6,804	6,402
California	17,086	19,620	20,968	26,591	30,743	42,650	53,972	67,189
Colorado	2,868	2,688	3,124	5,383	11,975	16,956	21,986	24,169
Connecticut	1,017	1,072	1,234	2,287	4,088	6,492	8,131	10,066
Delaware	166	185	224	453	941	1,489	1,989	2,697
District of Columbia	206	242	271	419	911	1,445	2,080	2,600
Florida	921	886	1,108	1,349	1,638	2,092	2,740	2,638
Georgia	4,390	4,291	4,376	5,176	8,159	12,572	17,973	27,885
Hawaii	45	47	50	49	54	51	50	60
Idaho	1,046	597	866	1,795	2,957	3,397	4,985	6,303
Illinois	7,563	7,309	8,532	16,589	36,459	50,549	69,557	83,886
Indiana	2,554	2,055	2,492	4,762	11,148	16,467	23,775	30,718
Iowa	980	1,088	1,193	2,305	5,953	8,308	11,536	15,093
Kansas	1,019	1,173	1,100	1,976	4,116	7,761	11,431	12,606
Kentucky	681	730	859	1,247	3,248	5,339	8,308	11,491
Louisiana	1,226	1,080	1,081	1,284	2,178	4,197	4,935	7,828
Maine	48	51	66	122	251	411	513	656
Maryland	1,145	1,570	1,805	2,833	7,066	9,019	13,040	18,320
Massachusetts	2,550	2,695	3,388	6,074	9,507	18,247	22,218	26,339
Michigan	4,988	5,900	6,959	9,926	28,661	40,370	51,369	66,719
Minnesota	2,734	2,237	2,778	5,404	13,717	19,032	26,179	29,763
Mississippi	488	460	501	607	1,518	2,800	3,828	4,611
Missouri	1,579	1,552	1,672	2,953	6,642	10,812	18,205	22,660
Montana	362	503	605	1,272	2,159	2,894	3,332	3,539
Nebraska	599	676	1,051	1,884	3,109	5,070	6,308	7,250
Nevada	1,413	1,585	2,016	2,845	3,525	6,332	6,944	9,451
New Hampshire	164	158	160	246	607	985	1,284	1,638
New Jersey	4,199	4,987	5,646	11,952	19,510	28,956	39,028	46,107
New Mexico	957	898	1,038	1,303	1,997	4,172	5,885	6,542
New York	9,745	12,556	12,624	20,964	37,863	60,275	72,511	80,115
North Carolina	1,118	1,008	1,080	1,194	2,898	5,393	12,106	18,478
North Dakota	220	142	361	875	1,338	2,147	2,334	2,630
Ohio	4,312	4,464	5,382	10,394	23,973	34,631	48,566	56,845
Oklahoma	1,049	1,041	1,175	1,873	3,214	7,186	11,696	13,207
Oregon	861	958	1,524	2,975	4,716	4,931	6,262	7,688
Pennsylvania	3,862	3,715	4,284	8,806	19,021	31,873	37,702	47,727
Rhode Island	387	468	572	757	1,467	2,569	3,303	4,416
South Carolina	600	619	614	773	1,795	2,982	5,688	7,926
South Dakota	206	216	347	627	1,352	1,999	2,244	2,918
Tennessee	1,093	1,035	1,132	1,899	4,505	7,906	13,317	17,015
Texas	5,367	6,138	6,243	7,311	13,674	30,854	46,088	40,545
Utah	1,834	2,101	2,104	3,986	5,927	8,379	9,841	12,546
Vermont	76	86	106	182	373	544	675	784
Virginia	1,408	1,487	1,815	2,909	4,455	8,991	13,591	19,365
Washington	1,932	1,847	2,738	5,636	8,904	9,354	12,313	14,789
West Virginia	276	338	319	562	1,972	3,165	4,340	5,182
Wisconsin	2,451	2,875	2,617	5,209	13,834	18,275	23,705	29,788
Wyoming	217	211	442	719	1,273	1,823	1,927	2,073
Total	102,898	110,237	123,941	201,269	384,556	588,550	791,207	957,545

^R Revised data.^{NA} Not available.**Source:** U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.**Note:** Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding and/or withheld data.

Appendix A, Explanatory Note 6, contains a discussion of computations and revision policy.

Table 15. Natural gas deliveries to commercial consumers, by state, 2022-2024

million cubic feet

State or district	2024	2023	2022					
	11-month YTD	11-month YTD	11-month YTD	November	October	September	August	July
Alabama	20,681	20,855	22,031	2,474	1,620	1,284	1,043	1,074
Alaska	NA	14,162	13,719	1,997	1,403	873	631	621
Arizona	31,750	32,719	31,371	3,324	2,232	2,107	1,965	2,011
Arkansas	44,574	47,364	49,594	3,590	3,447	3,058	2,872	2,813
California	NA	232,655	218,305	30,694	24,175	21,668	21,024	NA
Colorado	49,737	54,107	51,969	6,936	2,903	1,843	1,547	1,733
Connecticut	48,470	47,793	47,721	5,461	3,924	2,778	2,748	2,758
Delaware	8,812	8,826	9,293	1,184	702	441	444	442
District of Columbia	12,307	12,642	13,427	1,384	1,098	698	709	702
Florida	NA	56,323	57,390	NA	5,253	5,168	4,812	4,931
Georgia	47,269	43,114	47,196	4,839	3,262	2,287	2,328	2,265
Hawaii	2,111	2,118	2,109	175	183	181	191	196
Idaho	22,286	19,722	19,597	2,759	2,079	1,283	1,141	864
Illinois	178,641	191,498	209,698	19,201	12,530	8,709	8,382	7,719
Indiana	NA	73,906	81,311	7,843	5,089	2,930	2,628	2,386
Iowa	39,489	46,285	49,373	4,540	2,530	1,683	1,910	1,807
Kansas	34,150	37,588	39,161	3,588	2,459	1,845	2,164	1,939
Kentucky	29,005	29,343	32,337	3,205	2,023	1,461	1,404	1,158
Louisiana	24,916	26,498	28,237	2,197	2,196	1,958	1,783	1,766
Maine	NA	7,950	8,058	873	NA	NA	NA	NA
Maryland	59,096	59,975	63,841	6,145	4,584	3,503	3,260	3,191
Massachusetts	NA	94,291	100,365	8,536	6,528	3,990	3,643	3,626
Michigan	134,898	142,647	154,085	14,417	8,791	5,072	5,352	4,929
Minnesota	83,138	94,045	102,151	10,926	5,159	3,241	3,170	2,845
Mississippi	16,853	16,802	17,593	1,617	1,259	999	1,092	935
Missouri	51,654	53,824	55,674	6,169	3,640	2,694	2,405	2,403
Montana	21,988	23,487	22,727	2,664	1,489	927	846	966
Nebraska	26,370	29,860	27,436	3,054	1,858	1,250	1,094	1,302
Nevada	28,058	30,349	29,502	3,256	2,103	1,725	1,640	1,604
New Hampshire	7,347	8,294	8,058	715	386	272	227	203
New Jersey	122,553	125,540	130,951	14,175	7,386	5,677	5,517	5,546
New Mexico	25,120	23,661	24,419	3,197	1,294	1,473	1,453	1,290
New York	249,535	258,439	262,430	25,394	18,105	12,715	12,617	14,051
North Carolina	49,456	46,432	49,433	5,274	4,052	2,789	2,010	2,434
North Dakota	12,560	14,371	14,572	1,265	619	438	423	410
Ohio	135,411	145,066	152,486	16,158	10,049	5,589	4,956	4,572
Oklahoma	35,435	38,401	38,610	3,290	2,040	1,526	1,710	1,673
Oregon	26,282	28,025	27,431	3,443	2,058	1,080	998	881
Pennsylvania	139,188	135,408	138,538	16,254	9,710	6,524	6,162	5,305
Rhode Island	NA	8,944	9,823	1,113	NA	NA	268	280
South Carolina	NA	22,015	22,657	NA	1,894	1,468	1,384	1,306
South Dakota	10,054	10,949	10,808	997	466	366	398	351
Tennessee	NA	46,328	52,053	4,864	4,305	3,457	NA	2,496
Texas	NA	174,170	173,928	17,455	NA	12,320	12,046	12,530
Utah	38,101	42,358	39,611	5,249	1,608	1,502	1,358	1,741
Vermont	5,967	6,017	6,490	672	528	359	357	336
Virginia	57,827	59,595	64,787	6,678	4,845	3,414	3,354	3,240
Washington	51,761	52,169	53,927	6,763	4,264	2,543	2,367	2,327
West Virginia	NA	19,038	20,585	1,968	1,450	974	1,003	947
Wisconsin	91,214	97,800	100,702	9,871	6,384	4,210	4,258	4,236
Wyoming	12,716	11,823	10,814	1,665	667	516	393	415
Total	2,858,452	2,925,589	3,018,382	319,210	214,229	155,638	149,109	146,376

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2022-2024

million cubic feet – continued

State or district	2024						2023	
	June	May	April	March	February	January	Total	December
Alabama	1,031	1,232	1,622	2,030	2,646	4,628	24,028	3,173
Alaska	NA	1,058	1,389	1,784	1,984	2,476	16,378	2,217
Arizona	2,183	2,547	3,097	3,489	4,147	4,648	36,681	3,962
Arkansas	2,815	3,182	3,845	4,762	6,437	7,752	53,158	5,794
California	19,811	NA	20,669	22,287	23,895	24,995	257,494	24,839
Colorado	1,949	3,165	4,503	6,870	7,973	10,314	62,628	8,521
Connecticut	2,604	2,521	4,316	5,986	7,240	8,135	54,619	6,826
Delaware	435	483	673	1,025	1,335	1,649	10,183	1,357
District of Columbia	648	729	1,014	1,437	1,682	2,205	14,483	1,841
Florida	4,952	5,403	5,774	5,866	6,505	7,122	62,628	6,305
Georgia	2,312	2,710	3,489	5,249	7,328	11,199	51,280	8,166
Hawaii	186	201	200	193	193	213	2,309	191
Idaho	962	1,390	1,977	2,719	2,971	4,142	22,681	2,958
Illinois	7,700	9,831	16,615	23,173	28,802	35,980	218,935	27,437
Indiana	2,898	NA	5,802	8,778	11,038	17,017	85,128	11,222
Iowa	1,736	2,053	3,383	4,928	5,939	8,980	52,756	6,471
Kansas	1,862	1,948	2,518	3,662	4,531	7,634	42,673	5,084
Kentucky	1,083	1,418	2,110	2,963	4,783	7,396	34,474	5,130
Louisiana	1,860	1,990	2,065	2,457	2,979	3,666	29,952	3,455
Maine	NA	424	778	1,086	1,266	1,512	9,169	1,219
Maryland	3,082	3,710	4,926	7,161	8,669	10,866	67,958	7,983
Massachusetts	NA	4,730	8,716	11,788	14,012	16,798	106,859	12,568
Michigan	5,025	7,198	12,768	19,665	22,784	28,896	163,125	20,478
Minnesota	3,684	3,696	7,103	12,112	13,213	17,989	107,314	13,269
Mississippi	883	1,123	1,239	1,747	2,413	3,547	19,389	2,587
Missouri	2,553	2,646	3,999	6,785	7,470	10,890	61,768	7,944
Montana	1,083	1,591	2,057	2,915	3,312	4,137	26,778	3,290
Nebraska	1,420	1,649	2,123	3,296	3,494	5,828	34,294	4,435
Nevada	1,732	2,080	2,598	3,288	3,761	4,272	33,996	3,648
New Hampshire	232	336	763	1,091	1,389	1,733	9,737	1,443
New Jersey	5,511	6,120	12,251	15,797	20,320	24,253	144,809	19,269
New Mexico	1,108	1,374	2,612	3,330	3,362	4,625	27,723	4,062
New York	15,141	14,250	21,014	32,203	37,805	46,241	295,812	37,373
North Carolina	2,657	2,867	3,618	5,274	7,449	11,032	54,862	8,430
North Dakota	532	800	1,560	1,826	2,165	2,522	16,293	1,923
Ohio	5,594	6,529	11,554	18,514	22,608	29,288	166,804	21,738
Oklahoma	1,680	2,028	2,664	3,950	5,500	9,374	44,650	6,249
Oregon	1,166	1,736	2,507	3,612	3,895	4,906	31,911	3,886
Pennsylvania	5,726	7,189	11,754	19,148	23,066	28,349	157,869	22,462
Rhode Island	276	434	913	1,372	1,794	2,002	10,424	1,480
South Carolina	1,316	1,505	1,841	2,177	3,152	3,876	25,169	3,154
South Dakota	426	608	1,058	1,463	1,651	2,271	12,537	1,588
Tennessee	2,545	3,230	4,278	NA	NA	NA	53,371	7,043
Texas	12,258	12,673	12,696	17,177	21,523	28,169	196,604	22,434
Utah	2,678	3,516	2,908	4,873	5,616	7,052	49,599	7,240
Vermont	352	325	545	724	808	962	6,859	842
Virginia	3,109	3,537	4,751	6,272	8,084	10,544	67,733	8,138
Washington	2,809	3,621	5,177	6,344	6,930	8,617	59,798	7,629
West Virginia	933	1,122	1,626	NA	NA	NA	21,757	2,720
Wisconsin	4,634	5,567	8,777	11,658	13,818	17,802	110,330	12,530
Wyoming	597	978	1,303	1,776	1,893	2,513	13,654	1,831
Total	153,757	175,570	247,538	345,618	415,340	536,067	3,341,425	415,835

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2022-2024

million cubic feet – continued

State or district	2023							
	November	October	September	August	July	June	May	April
Alabama	2,970	1,807	1,222	1,207	1,152	1,183	1,411	1,495
Alaska	1,790	1,385	890	611	533	611	1,013	1,486
Arizona	2,988	2,246	2,151	2,146	1,859	2,183	2,502	3,133
Arkansas	4,379	3,821	3,112	3,165	2,965	3,006	3,419	4,452
California	22,585	21,331	16,335	16,059	16,390	17,265	18,368	20,011
Colorado	6,691	4,330	1,719	1,859	1,597	2,115	2,747	5,112
Connecticut	6,045	3,724	2,796	2,574	2,703	2,634	3,006	3,736
Delaware	1,354	724	471	443	425	419	523	630
District of Columbia	1,819	1,077	685	690	687	760	860	881
Florida	5,310	4,800	4,667	4,348	4,499	4,756	5,031	5,294
Georgia	5,711	3,368	2,243	2,257	2,154	2,339	2,737	3,427
Hawaii	183	196	196	192	193	204	186	182
Idaho	2,328	2,037	995	720	686	840	991	1,897
Illinois	21,492	14,740	8,114	8,054	8,242	8,263	11,209	17,049
Indiana	9,257	7,060	3,217	2,916	2,731	2,600	3,845	5,490
Iowa	5,121	3,479	1,947	1,977	2,000	2,144	2,260	4,255
Kansas	4,124	2,703	1,762	2,194	2,031	2,016	2,024	2,943
Kentucky	3,784	1,956	1,311	1,293	1,131	1,202	1,699	2,158
Louisiana	2,861	2,113	1,830	2,671	1,765	1,759	2,111	2,296
Maine	1,050	539	345	327	327	360	455	704
Maryland	7,897	4,870	3,282	3,783	3,589	3,581	3,687	4,125
Massachusetts	12,617	6,251	4,397	4,356	3,838	4,563	5,472	7,341
Michigan	17,622	10,211	5,164	5,145	4,825	5,327	8,722	13,373
Minnesota	10,580	7,033	3,058	3,104	2,629	3,141	3,957	9,953
Mississippi	2,026	1,314	973	886	958	1,105	1,154	1,315
Missouri	6,192	4,114	2,446	2,395	2,265	2,471	3,113	3,704
Montana	2,462	1,791	1,091	1,010	1,014	1,071	1,365	2,439
Nebraska	3,207	2,304	1,260	1,182	1,377	1,497	1,691	2,619
Nevada	3,082	2,247	1,801	1,681	1,574	1,816	2,264	2,937
New Hampshire	866	600	310	230	272	322	431	725
New Jersey	15,173	8,667	5,930	6,229	5,283	5,249	7,600	14,355
New Mexico	3,437	1,921	1,133	1,242	1,122	1,128	1,225	1,585
New York	32,400	19,661	13,851	14,138	16,132	15,166	16,623	20,309
North Carolina	6,483	4,047	2,627	2,496	2,203	2,046	3,277	3,546
North Dakota	1,498	691	405	362	379	450	984	1,825
Ohio	18,817	7,715	5,028	5,260	5,463	6,034	9,094	13,916
Oklahoma	4,066	2,698	1,689	1,740	1,660	1,742	2,125	3,178
Oregon	3,436	2,188	1,158	1,002	925	1,192	1,427	3,131
Pennsylvania	20,660	10,825	6,565	5,994	5,197	5,411	8,464	10,084
Rhode Island	1,288	453	304	262	236	359	464	692
South Carolina	2,733	1,901	1,383	1,399	1,422	1,499	1,676	1,724
South Dakota	1,112	587	356	305	331	394	595	1,245
Tennessee	5,031	3,981	2,704	2,551	2,310	2,492	2,730	3,608
Texas	18,673	14,625	11,457	12,037	12,799	12,394	12,967	13,574
Utah	5,783	2,549	1,368	1,616	1,678	1,521	1,990	3,807
Vermont	775	525	404	397	390	269	327	490
Virginia	7,759	4,862	3,437	3,342	3,046	3,682	4,038	4,804
Washington	6,634	4,444	2,733	2,435	1,983	2,496	2,744	5,548
West Virginia	2,223	1,438	1,066	1,005	952	971	1,096	1,674
Wisconsin	11,986	7,432	3,942	4,254	4,343	4,346	5,568	9,762
Wyoming	1,327	796	485	341	407	492	863	1,381
Total	349,684	226,179	147,816	147,882	144,672	150,881	184,134	255,395

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2022-2024

million cubic feet – continued

State or district	2023			2022				
	March	February	January	Total	December	November	October	September
Alabama	2,529	2,533	3,345	25,776	3,745	2,769	1,819	1,204
Alaska	1,877	2,000	1,965	16,051	2,333	1,901	1,308	802
Arizona	4,353	4,399	4,759	35,636	4,265	3,273	2,132	1,876
Arkansas	5,641	6,668	6,735	55,679	6,084	4,335	3,619	3,223
California	27,682	27,064	29,564	246,624	28,318	26,188	19,462	16,777
Colorado	8,515	8,351	11,070	61,795	9,827	7,532	3,614	1,869
Connecticut	6,595	6,783	7,198	55,112	7,391	5,360	3,679	2,574
Delaware	1,245	1,213	1,380	10,902	1,609	1,170	781	440
District of Columbia	1,670	1,601	1,911	15,489	2,062	1,499	778	712
Florida	5,337	5,768	6,512	63,423	6,034	5,201	5,137	4,559
Georgia	5,335	5,615	7,928	55,756	8,560	5,560	3,672	2,357
Hawaii	201	159	226	2,304	195	203	191	199
Idaho	2,924	3,043	3,262	23,158	3,562	2,905	1,560	960
Illinois	28,920	30,621	34,793	244,499	34,802	23,911	15,594	9,216
Indiana	11,854	11,278	13,658	95,815	14,504	10,173	6,062	3,175
Iowa	6,967	7,440	8,695	58,074	8,701	6,048	4,017	1,846
Kansas	5,200	5,661	6,933	45,973	6,812	4,531	2,652	1,813
Kentucky	4,441	4,700	5,670	38,492	6,155	3,930	2,242	1,209
Louisiana	2,780	2,864	3,449	31,747	3,510	3,285	2,379	2,140
Maine	1,166	1,324	1,354	9,342	1,284	875	493	325
Maryland	8,036	7,866	9,258	73,916	10,074	7,013	4,948	3,113
Massachusetts	13,984	15,258	16,214	116,725	16,360	11,202	6,906	6,268
Michigan	23,107	23,373	25,777	179,274	25,189	17,338	10,057	5,657
Minnesota	15,374	16,657	18,559	119,555	17,404	11,561	6,583	3,298
Mississippi	1,978	2,176	2,918	20,103	2,510	2,074	1,309	934
Missouri	8,297	8,290	10,538	65,972	10,298	7,021	4,197	2,275
Montana	3,573	3,572	4,100	27,067	4,341	3,213	1,399	877
Nebraska	4,363	4,827	5,532	32,708	5,273	3,295	1,694	972
Nevada	4,337	3,977	4,632	32,766	3,264	3,031	2,383	1,752
New Hampshire	1,392	1,631	1,514	9,346	1,288	701	405	310
New Jersey	18,821	19,012	19,222	153,826	22,875	13,918	9,559	6,445
New Mexico	3,198	3,422	4,248	27,723	3,304	2,825	2,939	1,571
New York	35,306	36,113	38,740	303,903	41,473	28,508	18,247	12,825
North Carolina	6,136	5,817	7,755	58,844	9,411	5,740	4,267	2,681
North Dakota	2,535	2,372	2,869	17,118	2,546	1,452	701	374
Ohio	22,874	23,784	27,081	181,674	29,188	19,767	9,143	5,361
Oklahoma	5,528	6,508	7,467	45,486	6,875	4,719	2,279	1,601
Oregon	4,260	4,575	4,733	32,634	5,203	4,259	1,771	1,075
Pennsylvania	19,951	21,415	20,841	166,769	28,231	15,045	10,299	5,640
Rhode Island	1,486	1,681	1,720	11,127	1,304	704	364	261
South Carolina	2,664	2,424	3,189	25,986	3,329	2,574	2,045	1,564
South Dakota	1,954	1,804	2,266	13,168	2,360	1,074	575	350
Tennessee	6,039	6,871	8,011	60,487	8,434	6,569	4,176	2,663
Texas	19,255	22,612	23,777	196,883	22,955	21,018	13,447	11,266
Utah	7,017	7,076	7,954	47,600	7,989	6,648	2,987	1,280
Vermont	776	803	861	7,353	863	691	511	415
Virginia	8,296	8,186	8,142	74,390	9,603	7,510	5,616	3,646
Washington	6,906	7,794	8,451	63,093	9,165	7,977	3,793	2,415
West Virginia	2,833	2,640	3,140	23,849	3,264	2,192	1,767	1,186
Wisconsin	14,052	14,628	17,488	116,649	15,948	11,526	7,101	4,181
Wyoming	1,784	1,714	2,232	12,977	2,163	1,533	644	375
Total	411,345	427,965	479,636	3,510,617	492,235	353,346	223,300	149,907

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2022-2024

million cubic feet – continued

State or district	2022							
	August	July	June	May	April	March	February	January
Alabama	1,160	1,063	1,086	1,151	1,656	2,216	2,931	4,975
Alaska	595	490	504	836	1,303	1,668	1,852	2,462
Arizona	2,032	1,891	2,280	2,465	2,838	3,966	4,126	4,491
Arkansas	3,091	2,952	3,098	3,284	4,563	6,580	7,347	7,501
California	15,681	16,739	15,611	17,374	18,577	21,572	24,045	26,278
Colorado	1,747	1,657	1,807	2,811	5,065	7,420	8,867	9,579
Connecticut	2,572	2,444	2,304	2,748	4,178	6,212	7,124	8,527
Delaware	408	429	406	465	742	1,087	1,336	2,028
District of Columbia	787	802	600	808	1,117	1,860	2,017	2,447
Florida	4,508	4,308	4,932	4,943	5,229	5,988	5,995	6,590
Georgia	2,215	2,200	2,276	2,580	3,664	5,359	6,880	10,433
Hawaii	188	191	204	191	195	182	169	196
Idaho	983	626	828	1,265	1,796	2,196	2,970	3,507
Illinois	7,905	8,320	7,847	11,795	21,285	28,000	35,869	39,956
Indiana	3,138	2,749	2,953	3,323	6,889	9,987	14,436	18,427
Iowa	1,877	1,807	1,770	2,385	4,793	6,190	8,362	10,277
Kansas	2,129	2,075	2,104	2,572	3,296	5,007	6,161	6,822
Kentucky	1,131	1,120	1,260	1,496	2,555	3,923	5,874	7,597
Louisiana	2,030	1,966	1,987	1,961	2,420	3,130	2,853	4,087
Maine	278	270	310	431	751	1,173	1,381	1,773
Maryland	3,032	3,448	3,314	3,841	6,707	7,487	8,895	12,043
Massachusetts	5,001	4,024	4,273	5,649	8,715	13,192	16,622	18,512
Michigan	4,915	5,263	5,716	8,028	16,328	22,172	27,178	31,432
Minnesota	3,143	2,678	3,140	5,461	11,217	14,764	19,551	20,755
Mississippi	961	877	924	1,050	1,457	2,298	2,677	3,033
Missouri	2,189	2,030	1,996	2,952	4,380	7,210	9,873	11,552
Montana	896	1,077	1,093	1,660	2,467	2,853	3,450	3,743
Nebraska	1,014	1,156	1,385	1,787	2,563	3,785	4,492	5,294
Nevada	1,657	1,702	1,873	2,448	2,689	3,713	3,689	4,566
New Hampshire	261	241	267	323	761	1,238	1,533	2,019
New Jersey	4,253	7,141	5,677	9,216	12,427	17,405	21,009	23,902
New Mexico	1,345	1,209	1,235	1,372	1,423	2,804	3,648	4,049
New York	13,942	15,735	13,819	16,737	23,322	35,303	36,929	47,064
North Carolina	2,453	2,193	2,047	2,870	3,527	5,162	7,039	11,455
North Dakota	421	378	547	1,026	1,638	2,422	2,657	2,955
Ohio	4,791	5,023	6,741	6,855	14,036	20,793	26,645	33,332
Oklahoma	1,546	1,477	1,551	2,055	2,862	5,081	7,435	8,003
Oregon	917	944	1,327	2,133	3,049	3,270	3,967	4,718
Pennsylvania	5,596	4,922	5,473	7,310	13,349	21,166	22,043	27,695
Rhode Island	259	290	430	506	921	1,617	1,924	2,547
South Carolina	1,457	1,452	1,499	1,571	1,817	2,295	2,361	4,022
South Dakota	333	333	430	589	1,208	1,670	1,865	2,383
Tennessee	2,440	2,245	2,390	2,604	3,964	5,791	8,112	11,099
Texas	11,251	11,817	11,308	12,147	13,640	19,731	25,023	23,280
Utah	1,598	1,690	1,609	2,712	3,816	4,933	5,773	6,565
Vermont	408	379	393	288	582	780	900	1,143
Virginia	3,584	3,072	3,394	3,761	5,795	7,900	8,905	11,603
Washington	2,178	2,316	2,808	4,028	5,632	6,254	7,604	8,923
West Virginia	921	922	904	1,062	1,869	2,726	3,192	3,844
Wisconsin	3,985	4,128	3,872	5,509	9,713	14,326	16,731	19,630
Wyoming	376	344	520	734	1,153	1,622	1,725	1,789
Total	141,578	144,605	146,122	183,168	275,937	385,478	464,040	550,901

^R Revised data.^{NA} Not available.**Source:** U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.**Note:** Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding and/or withheld data.

Appendix A, Explanatory Note 6, contains a discussion of computations and revision policy.

Table 16. Natural gas deliveries to industrial consumers, by state, 2022-2024

million cubic feet

State or district	2024	2023	2022					
	11-month YTD	11-month YTD	11-month YTD	November	October	September	August	July
Alabama	204,295	198,928	195,002	18,403	17,490	17,397	17,889	18,318
Alaska	59,820	53,336	50,840	6,098	4,559	4,369	4,397	4,594
Arizona	NA	18,818	17,483	NA	1,880	NA	1,933	1,626
Arkansas	96,054	97,239	95,653	8,916	9,119	8,261	8,095	8,098
California	NA	586,162	601,615	39,744	50,224	49,801	51,756	48,565
Colorado	82,814	81,373	81,154	10,296	6,906	5,801	5,970	5,644
Connecticut	18,788	18,527	19,421	1,761	1,632	1,510	1,597	1,557
Delaware	NA	29,800	28,661	3,075	2,690	2,520	2,325	1,776
District of Columbia	0	0	--	0	0	0	0	0
Florida	NA	113,945	113,689	NA	9,724	10,151	NA	10,664
Georgia	141,222	141,837	140,333	13,338	12,771	11,871	12,530	12,094
Hawaii	73	72	85	6	6	6	7	7
Idaho ^a	33,135	35,416	35,099	3,412	3,143	2,798	2,655	2,545
Illinois	227,154	236,634	236,861	23,336	20,187	18,489	18,838	17,813
Indiana	357,728	360,715	351,464	32,318	29,911	28,857	31,134	29,980
Iowa	225,223	230,709	223,351	21,623	20,655	18,818	18,146	19,898
Kansas	121,097	122,984	129,538	10,808	10,374	9,769	11,880	11,841
Kentucky	120,445	117,839	116,764	11,358	10,471	9,753	9,896	9,453
Louisiana	1,092,995	1,066,841	1,069,904	99,875	100,234	95,927	105,471	106,094
Maine	17,891	16,354	18,759	1,978	1,681	1,322	1,222	1,217
Maryland	13,454	13,656	14,361	1,379	1,225	1,090	1,177	1,020
Massachusetts	39,190	38,788	43,139	3,691	3,065	2,500	2,475	2,446
Michigan	136,220	147,779	151,215	12,958	11,177	10,688	10,490	10,522
Minnesota	NA	138,378	138,877	13,263	11,873	11,101	10,902	NA
Mississippi	NA	115,433	126,901	NA	NA	12,247	NA	12,642
Missouri	54,106	60,542	58,205	5,554	4,713	4,406	4,515	4,127
Montana	24,871	24,640	23,022	2,259	2,275	2,043	2,231	2,087
Nebraska	92,026	94,924	89,830	9,277	8,637	8,836	9,893	8,712
Nevada	NA	18,940	16,795	NA	NA	1,563	1,602	NA
New Hampshire	NA	8,965	8,259	811	NA	774	565	NA
New Jersey	NA	71,668	69,081	NA	NA	NA	4,430	4,075
New Mexico	NA	9,936	11,426	NA	1,465	1,637	1,641	939
New York	NA	77,943	80,928	7,511	6,625	6,081	6,874	6,219
North Carolina	107,318	107,077	111,518	9,282	10,139	9,247	9,453	9,065
North Dakota	41,743	37,867	36,340	4,142	3,805	3,494	3,871	3,671
Ohio	NA	288,689	280,926	27,181	24,268	23,126	23,386	21,461
Oklahoma	203,500	205,305	193,172	18,710	18,735	18,526	16,259	18,208
Oregon	49,253	50,099	51,469	4,676	4,605	3,822	4,000	4,057
Pennsylvania	212,281	216,033	229,717	20,516	18,976	16,776	17,639	17,183
Rhode Island	NA	7,424	7,612	540	NA	NA	589	589
South Carolina	86,739	87,563	91,477	8,177	8,211	7,522	7,784	7,425
South Dakota	45,054	41,471	41,337	3,924	3,450	3,598	3,672	3,996
Tennessee	NA	131,857	138,975	13,633	12,707	13,398	NA	12,248
Texas	1,857,920	1,820,627	1,800,609	172,978	166,810	167,872	175,477	171,186
Utah	32,900	31,409	35,057	3,014	2,635	2,759	2,571	2,673
Vermont	1,859	1,810	1,969	184	182	147	144	149
Virginia	NA	97,342	98,283	9,823	7,561	7,009	8,337	8,704
Washington	71,034	65,272	72,871	7,318	6,356	5,680	5,721	5,893
West Virginia	NA	37,227	33,277	3,716	4,177	3,983	NA	3,257
Wisconsin	125,215	129,534	134,815	12,426	11,011	9,286	9,672	9,223
Wyoming	63,316	56,719	51,886	7,024	6,028	5,738	5,442	5,342
Total	7,765,036	7,762,446	7,769,022	725,353	693,823	669,283	696,758	681,455

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2022-2024

million cubic feet – continued

State or district	2024						2023	
	June	May	April	March	February	January	Total	December
Alabama	17,599	19,240	18,866	19,246	18,864	20,983	218,463	19,535
Alaska	4,319	5,286	5,074	6,716	6,850	7,559	60,883	7,547
Arizona	1,661	1,819	1,895	1,967	1,864	2,007	20,802	1,984
Arkansas	8,180	8,541	8,567	8,994	9,185	10,099	107,254	10,014
California	43,909	43,958	NA	50,037	47,407	51,107	639,983	53,821
Colorado	5,619	7,179	7,290	8,932	8,913	10,263	91,018	9,645
Connecticut	1,474	1,631	1,322	1,894	2,108	2,302	20,651	2,124
Delaware	2,175	2,479	NA	1,637	2,512	2,893	32,648	2,848
District of Columbia	0	0	0	0	0	0	0	0
Florida	10,438	11,152	11,282	12,040	10,753	NA	125,096	11,151
Georgia	11,251	12,793	13,048	13,705	13,826	13,998	156,368	14,531
Hawaii	7	7	8	7	7	7	77	5
Idaho ^a	2,348	2,648	2,898	3,415	3,383	3,890	39,338	3,922
Illinois	16,984	19,149	18,467	24,108	23,427	26,356	261,934	25,300
Indiana	29,126	31,748	33,491	35,824	35,466	39,872	398,176	37,461
Iowa	19,204	20,315	19,888	22,578	20,863	23,236	253,733	23,024
Kansas	10,240	11,073	10,762	10,937	10,338	13,075	135,193	12,209
Kentucky	9,976	10,377	10,496	12,741	11,908	14,016	129,927	12,087
Louisiana	98,480	102,733	101,977	96,873	85,865	99,467	1,177,018	110,177
Maine	1,168	1,254	1,710	2,114	1,996	2,229	18,325	1,970
Maryland	1,091	1,213	1,126	1,291	1,338	1,504	15,096	1,440
Massachusetts	2,523	3,233	4,151	4,798	5,306	5,001	43,090	4,303
Michigan	10,116	10,422	11,793	14,371	15,361	18,322	163,105	15,325
Minnesota	11,942	12,973	NA	14,037	13,702	16,005	153,495	15,117
Mississippi	11,452	12,293	12,692	12,706	12,006	13,655	126,978	11,546
Missouri	4,276	4,622	4,828	5,024	5,410	6,630	66,501	5,959
Montana	2,247	2,194	2,135	2,491	2,436	2,473	27,151	2,511
Nebraska	7,767	7,408	7,063	7,992	7,389	9,051	104,303	9,378
Nevada	NA	NA	1,710	NA	1,775	NA	20,899	1,959
New Hampshire	NA	NA	NA	NA	NA	NA	9,913	948
New Jersey	3,644	3,392	3,718	4,650	NA	7,983	79,509	7,841
New Mexico	1,484	1,044	1,010	1,114	1,028	1,045	11,024	1,088
New York	NA	6,221	6,980	7,873	8,834	8,512	84,720	6,777
North Carolina	8,500	9,211	9,521	10,488	10,831	11,582	118,245	11,167
North Dakota	3,718	3,842	3,931	4,067	3,437	3,766	41,993	4,126
Ohio	23,183	NA	26,170	29,601	29,486	35,036	319,898	31,209
Oklahoma	17,849	19,208	19,295	19,305	18,614	18,791	225,832	20,527
Oregon	4,159	4,434	4,618	4,819	4,985	5,076	55,015	4,916
Pennsylvania	16,272	17,686	19,427	21,003	21,082	25,721	238,357	22,324
Rhode Island	599	650	714	748	784	719	8,161	737
South Carolina	7,448	7,954	7,740	8,366	7,921	8,192	95,394	7,831
South Dakota	4,048	3,922	4,496	4,529	4,591	4,826	45,761	4,291
Tennessee	11,811	12,441	12,767	NA	NA	NA	144,657	12,800
Texas	162,327	162,082	163,700	173,499	162,289	179,698	2,000,931	180,305
Utah	2,677	3,380	3,073	3,119	3,585	3,412	34,808	3,399
Vermont	149	163	163	184	186	209	1,994	184
Virginia	9,113	9,711	NA	NA	7,683	6,826	108,150	10,808
Washington	5,683	6,415	6,243	6,776	7,049	7,900	72,148	6,876
West Virginia	3,542	3,571	NA	4,034	4,114	4,564	41,132	3,905
Wisconsin	8,954	9,668	11,292	13,637	13,746	16,300	143,575	14,041
Wyoming	5,033	4,991	5,102	6,107	5,875	6,633	63,451	6,732
Total	653,717	683,775	694,412	746,431	717,575	802,454	8,552,171	789,725

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2022-2024

million cubic feet – continued

State or district	2023							
	November	October	September	August	July	June	May	April
Alabama	18,660	17,816	17,026	18,251	17,834	17,797	18,759	18,080
Alaska	6,022	4,593	3,901	3,911	4,155	3,949	3,898	4,060
Arizona	1,776	1,497	1,440	1,542	1,532	1,557	1,708	1,708
Arkansas	9,617	8,962	8,131	8,097	7,875	8,476	8,686	8,543
California	49,596	57,463	57,797	59,304	54,134	50,669	54,332	52,009
Colorado	8,970	7,369	5,839	5,694	5,463	5,167	6,216	7,606
Connecticut	2,199	1,548	1,545	1,493	1,468	1,294	1,556	1,528
Delaware	2,805	2,724	2,443	2,384	2,613	2,655	3,237	2,574
District of Columbia	0	0	0	0	0	0	0	0
Florida	10,161	10,706	10,103	10,363	10,339	10,367	9,932	10,094
Georgia	13,055	13,863	12,200	12,439	12,079	12,129	12,727	12,933
Hawaii	6	6	6	7	6	6	7	6
Idaho ^a	3,703	3,716	3,134	2,746	2,552	2,568	2,666	3,108
Illinois	26,224	22,604	18,738	17,900	17,329	18,054	17,257	21,030
Indiana	35,517	29,339	29,810	30,988	30,146	29,948	31,295	33,101
Iowa	22,551	21,739	19,953	19,910	19,355	19,050	20,444	20,672
Kansas	11,732	10,855	9,705	11,536	11,171	9,581	10,512	11,397
Kentucky	11,493	10,748	9,458	9,690	9,419	9,711	10,227	10,615
Louisiana	99,720	102,347	94,661	95,580	96,643	93,145	96,356	97,810
Maine	1,914	1,384	1,056	1,087	1,050	980	1,271	1,416
Maryland	1,341	1,293	1,142	1,138	1,096	1,149	1,127	1,152
Massachusetts	3,604	2,850	2,540	2,572	2,473	2,870	3,134	4,009
Michigan	14,577	12,945	11,203	11,613	10,583	11,637	11,387	14,897
Minnesota	11,883	11,051	10,462	10,850	11,518	12,723	11,955	13,770
Mississippi	9,773	10,745	10,503	11,031	10,637	10,147	10,582	10,935
Missouri	5,804	5,248	4,366	4,778	5,086	4,760	4,622	6,220
Montana	2,458	2,515	2,020	2,262	2,349	2,154	2,072	1,877
Nebraska	9,046	9,489	8,940	10,305	9,692	8,175	7,494	7,283
Nevada	1,726	1,773	1,642	1,680	1,545	1,667	1,808	1,710
New Hampshire	874	677	647	723	597	656	796	861
New Jersey	8,143	6,231	5,991	7,776	6,533	6,097	6,171	5,480
New Mexico	842	733	965	921	955	944	993	1,272
New York	7,635	6,533	6,253	6,122	6,283	6,219	6,463	7,550
North Carolina	10,175	9,716	8,752	8,791	8,516	8,622	9,721	10,043
North Dakota	4,037	3,235	2,659	3,178	3,666	3,177	3,514	3,541
Ohio	29,136	25,700	21,533	23,859	22,696	21,593	26,062	26,957
Oklahoma	18,185	17,128	18,206	18,915	17,653	18,178	19,323	19,106
Oregon	4,800	4,725	4,190	4,088	3,958	4,041	4,397	4,651
Pennsylvania	21,794	19,297	17,765	18,985	18,695	18,295	16,756	19,092
Rhode Island	626	611	608	600	598	619	646	784
South Carolina	7,944	8,124	7,493	7,701	7,354	7,706	8,168	7,991
South Dakota	4,051	3,575	3,532	3,531	3,498	3,537	3,553	3,996
Tennessee	11,744	11,014	11,951	10,467	10,407	11,738	11,353	12,260
Texas	171,315	168,478	163,503	168,809	165,615	160,343	165,163	164,145
Utah	2,950	2,625	2,446	2,420	2,455	2,574	2,913	3,124
Vermont	192	155	125	120	141	143	171	164
Virginia	10,490	6,545	11,332	8,611	8,636	7,429	7,483	9,112
Washington	6,564	6,492	5,512	5,207	5,580	5,197	5,533	6,050
West Virginia	3,683	3,461	3,043	2,969	3,212	3,574	2,966	3,371
Wisconsin	13,878	11,777	9,112	9,810	8,743	9,009	10,001	12,050
Wyoming	6,378	6,234	5,162	4,584	4,320	4,184	4,844	5,187
Total	741,370	710,252	670,542	687,338	670,255	656,260	682,256	706,928

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2022-2024

million cubic feet – continued

State or district	2023			2022				
	March	February	January	Total	December	November	October	September
Alabama	18,922	17,118	18,663	212,943	17,940	17,962	17,509	16,189
Alaska	5,798	5,903	7,146	57,799	6,959	5,596	4,893	3,508
Arizona	1,945	1,965	2,149	19,489	2,006	1,859	1,631	1,438
Arkansas	9,890	9,026	9,936	105,093	9,440	9,548	8,745	7,932
California	52,631	48,257	49,969	651,305	49,689	54,292	55,460	55,419
Colorado	9,298	9,104	10,648	91,392	10,238	9,371	7,231	5,385
Connecticut	1,890	1,902	2,102	21,640	2,219	1,856	1,566	1,535
Delaware	2,925	2,639	2,802	31,367	2,706	2,606	2,608	2,525
District of Columbia	0	0	0	--	--	--	--	--
Florida	11,703	9,849	10,328	123,938	10,249	9,246	9,939	9,049
Georgia	14,201	12,263	13,947	154,267	13,934	12,871	11,104	11,446
Hawaii	7	9	6	91	6	7	7	7
Idaho ^a	3,677	3,674	3,873	39,071	3,972	4,016	3,631	2,908
Illinois	24,545	24,546	28,406	265,085	28,224	24,766	22,225	17,766
Indiana	37,767	34,912	37,892	388,827	37,363	33,380	28,239	26,648
Iowa	22,699	21,118	23,218	246,120	22,768	22,042	21,095	18,460
Kansas	12,027	11,398	13,069	142,391	12,853	11,950	10,613	10,247
Kentucky	12,375	11,219	12,884	128,981	12,216	11,896	10,687	9,664
Louisiana	100,473	92,212	97,894	1,170,591	100,687	100,085	91,647	95,793
Maine	2,053	2,080	2,064	20,668	1,909	1,851	1,708	1,511
Maryland	1,516	1,336	1,365	16,190	1,829	1,428	1,372	1,184
Massachusetts	4,851	4,966	4,917	47,687	4,548	3,396	2,979	2,923
Michigan	16,318	15,307	17,311	167,907	16,691	14,753	12,911	11,258
Minnesota	15,045	13,141	15,982	153,556	14,679	11,421	12,137	10,314
Mississippi	10,863	9,247	10,969	139,338	12,437	11,130	12,056	11,873
Missouri	6,321	6,393	6,946	64,874	6,669	5,563	3,638	4,601
Montana	2,333	2,196	2,403	25,655	2,632	2,527	2,051	1,787
Nebraska	8,386	7,559	8,557	98,156	8,326	8,735	8,219	9,007
Nevada	1,855	1,831	1,703	18,403	1,608	1,522	1,570	1,418
New Hampshire	1,016	950	1,167	9,267	1,008	600	490	671
New Jersey	6,359	5,857	7,030	76,610	7,529	6,216	4,583	6,972
New Mexico	1,082	634	596	13,507	2,081	1,711	2,205	1,605
New York	7,945	8,351	8,590	88,968	8,040	8,126	6,570	6,477
North Carolina	10,874	10,347	11,520	122,860	11,343	10,440	10,484	9,197
North Dakota	3,511	3,560	3,790	39,500	3,160	2,958	3,271	3,153
Ohio	30,227	29,992	30,934	311,952	31,025	27,660	25,539	22,450
Oklahoma	20,374	18,325	19,911	212,415	19,244	19,022	16,850	16,668
Oregon	5,385	4,791	5,074	56,406	4,937	4,987	4,553	4,070
Pennsylvania	22,549	19,825	22,981	253,189	23,473	21,054	20,690	18,480
Rhode Island	710	803	819	8,370	757	654	568	633
South Carolina	8,298	8,159	8,625	99,186	7,709	7,904	8,437	7,502
South Dakota	3,955	4,108	4,136	45,573	4,236	3,958	3,360	3,461
Tennessee	12,901	13,532	14,490	152,123	13,149	12,657	12,235	11,940
Texas	167,478	154,744	171,035	1,962,615	162,006	163,832	163,328	154,701
Utah	3,140	3,367	3,395	38,179	3,122	3,055	2,667	2,711
Vermont	200	188	211	2,170	201	184	177	143
Virginia	9,350	11,288	7,067	108,304	10,022	8,457	11,443	7,262
Washington	6,647	5,777	6,713	80,040	7,169	7,063	6,056	5,659
West Virginia	3,710	3,594	3,644	37,014	3,737	3,348	3,389	3,252
Wisconsin	15,036	14,120	15,998	150,232	15,417	13,366	11,791	9,514
Wyoming	5,060	4,991	5,774	57,776	5,890	5,999	4,948	4,232
Total	758,123	708,472	770,650	8,529,076	760,054	728,924	691,105	652,546

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2022-2024

million cubic feet – continued

State or district	2022							
	August	July	June	May	April	March	February	January
Alabama	17,309	17,048	16,817	17,691	17,974	18,609	17,516	20,379
Alaska	3,267	3,441	3,507	3,974	4,608	5,755	5,922	6,368
Arizona	1,518	1,332	1,291	1,445	1,493	1,842	1,730	1,903
Arkansas	7,915	7,338	7,996	8,768	8,576	9,463	9,103	10,269
California	59,127	55,712	52,739	55,365	53,020	54,342	50,519	55,621
Colorado	5,680	5,710	5,715	6,892	7,293	8,568	9,048	10,261
Connecticut	1,579	1,443	1,599	1,540	1,763	1,853	2,156	2,532
Delaware	2,321	2,089	2,396	2,809	2,877	2,793	2,543	3,094
District of Columbia	--	--	--	--	--	--	--	--
Florida	10,092	10,050	10,001	10,311	10,289	11,864	10,814	12,033
Georgia	13,070	12,490	12,252	12,551	12,650	13,750	13,137	15,009
Hawaii	7	7	8	9	8	9	8	8
Idaho ^a	2,495	2,346	2,644	2,854	2,996	3,358	3,598	4,253
Illinois	16,939	17,441	18,362	19,754	18,990	24,118	25,910	30,588
Indiana	27,109	29,139	29,276	30,758	32,525	36,766	37,064	40,559
Iowa	18,071	18,452	18,408	19,777	19,676	21,989	20,744	24,638
Kansas	12,880	13,349	11,085	11,743	11,464	11,660	11,431	13,115
Kentucky	9,453	8,938	9,077	9,329	10,772	11,688	11,817	13,443
Louisiana	95,537	94,577	92,146	97,657	98,877	102,788	93,084	107,712
Maine	1,553	1,480	1,456	1,481	1,619	1,880	2,008	2,211
Maryland	1,210	1,168	1,370	959	1,278	1,437	1,314	1,641
Massachusetts	2,687	2,939	2,974	3,270	3,595	5,792	6,195	6,391
Michigan	12,470	10,774	9,646	11,827	14,619	17,252	17,184	18,522
Minnesota	10,854	10,449	10,297	12,715	14,703	14,319	14,982	16,687
Mississippi	11,077	11,881	11,668	11,061	11,940	12,049	10,548	11,619
Missouri	4,489	4,119	4,636	4,638	6,034	6,834	6,223	7,430
Montana	1,867	2,052	1,974	1,759	2,099	2,295	2,253	2,359
Nebraska	9,312	8,543	7,192	7,438	6,928	7,258	7,987	9,210
Nevada	1,518	1,517	1,481	1,547	1,475	1,626	1,469	1,653
New Hampshire	652	627	710	857	839	931	916	965
New Jersey	8,232	7,598	6,595	6,137	5,302	5,076	7,009	5,361
New Mexico	758	719	571	572	571	674	837	1,204
New York	6,126	5,914	5,965	6,356	8,200	8,444	9,367	9,382
North Carolina	9,588	9,122	9,095	9,563	9,993	11,113	10,872	12,050
North Dakota	2,979	3,184	3,104	3,429	3,549	3,611	3,422	3,681
Ohio	21,638	20,403	20,405	22,642	26,051	29,610	30,786	33,742
Oklahoma	16,992	16,990	15,519	17,703	17,445	18,568	17,764	19,650
Oregon	4,100	4,028	4,390	4,774	4,996	5,168	4,890	5,513
Pennsylvania	19,294	16,483	18,969	19,947	21,176	23,358	23,125	27,140
Rhode Island	624	635	640	697	784	768	810	800
South Carolina	8,248	8,159	8,128	8,656	8,788	8,956	8,213	8,484
South Dakota	3,494	3,374	3,636	3,430	3,988	3,912	4,315	4,408
Tennessee	11,744	11,415	12,155	12,126	12,739	12,794	12,352	16,817
Texas	164,493	165,843	161,998	163,611	163,619	170,848	154,764	173,574
Utah	2,637	2,819	3,070	3,294	3,585	3,450	3,892	3,876
Vermont	153	144	153	167	183	208	216	241
Virginia	9,672	8,866	8,964	5,480	6,701	9,859	8,266	13,312
Washington	6,059	5,667	6,065	6,907	7,151	7,667	6,782	7,796
West Virginia	3,006	2,492	2,174	2,738	2,639	3,306	3,220	3,714
Wisconsin	9,678	9,490	9,624	10,130	12,225	15,057	15,659	18,282
Wyoming	4,561	4,107	4,209	4,132	4,453	5,011	5,004	5,231
Total	676,138	663,902	654,152	683,269	705,116	760,349	728,789	824,731

^a Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components.

-- Not applicable.

^R Revised data.

^{NA} Not available.

Source: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.

Note: Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding and/or withheld data. Appendix A, Explanatory Note 6, contains a discussion of computations and revision policy.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2022-2024

million cubic feet

State or district	2024	2023	2022					
	11-month YTD	11-month YTD	11-month YTD	November	October	September	August	July
Alabama	425,151	406,701	418,008	36,180	30,476	44,880	52,280	53,442
Alaska	W	29,599	24,389	2,086	1,722	2,406	3,044	3,265
Arizona	387,457	370,301	312,365	30,302	43,052	41,971	50,671	51,040
Arkansas	166,252	170,195	172,120	12,722	13,873	14,786	21,204	22,365
California	515,353	569,862	581,118	45,272	56,805	55,486	62,835	74,729
Colorado	129,782	121,486	114,229	11,793	8,944	9,921	14,622	16,142
Connecticut	159,954	149,851	153,029	15,691	15,004	15,682	18,000	18,821
Delaware	25,022	27,186	30,327	1,419	2,876	2,154	2,907	4,788
District of Columbia	--	--	0	--	--	--	--	--
Florida	1,358,213	1,316,548	1,290,342	110,311	125,509	145,004	152,037	152,439
Georgia	377,989	409,934	400,748	29,944	31,764	35,791	45,051	44,622
Hawaii	--	--	0	--	--	--	--	--
Idaho	43,894	35,248	28,525	3,939	2,609	4,408	5,225	5,417
Illinois	211,781	194,886	132,131	13,552	21,339	22,368	29,858	31,947
Indiana	262,171	235,788	209,579	21,059	26,364	21,911	27,825	29,492
Iowa	58,256	68,012	50,737	3,645	3,303	6,193	8,365	9,135
Kansas	49,261	41,884	28,600	3,682	3,312	4,752	6,918	6,977
Kentucky	131,414	99,623	123,092	9,165	9,037	14,390	17,586	17,750
Louisiana	378,421	356,368	338,493	31,251	32,781	33,903	46,251	44,922
Maine	29,226	22,542	23,830	1,901	2,167	3,137	3,470	3,885
Maryland	96,720	103,066	90,985	5,542	10,730	7,502	11,679	15,102
Massachusetts	104,986	99,426	105,617	10,767	8,702	6,787	10,805	14,503
Michigan	398,063	389,600	292,540	31,484	26,671	36,009	45,441	49,110
Minnesota	103,805	92,259	61,552	8,915	6,383	8,844	13,475	15,030
Mississippi	395,231	377,083	345,968	34,179	32,850	35,597	44,538	44,517
Missouri	88,481	80,277	70,309	5,326	6,807	8,036	12,584	14,607
Montana	W	W	6,307	1,040	904	988	1,097	1,221
Nebraska	W	W	12,073	919	1,169	1,591	2,293	2,977
Nevada	169,262	162,732	171,958	11,734	16,061	16,711	19,487	22,797
New Hampshire	30,251	29,214	30,518	114	5,142	4,318	4,550	1,912
New Jersey	217,774	231,852	234,708	18,136	20,335	16,937	21,574	29,999
New Mexico	93,812	103,519	79,513	5,354	6,664	8,182	9,550	11,616
New York	475,036	446,349	440,632	38,786	37,458	44,144	56,936	64,837
North Carolina	396,506	384,187	422,485	31,394	35,339	40,578	50,134	50,282
North Dakota	27,981	18,875	12,651	2,391	2,095	2,613	3,190	3,414
Ohio	539,303	488,584	435,100	47,371	38,045	52,515	57,461	58,154
Oklahoma	357,733	326,302	263,587	26,515	26,025	33,806	49,072	46,787
Oregon	157,236	142,843	115,824	15,232	13,840	15,120	16,937	17,155
Pennsylvania	921,882	870,494	809,324	75,433	68,949	84,135	102,893	111,680
Rhode Island	62,311	54,932	48,064	5,253	6,364	5,822	7,540	8,037
South Carolina	161,444	175,239	178,088	12,118	16,914	16,016	20,076	17,448
South Dakota	W	16,857	10,628	1,234	1,073	1,393	2,062	2,992
Tennessee	103,778	100,888	111,294	8,943	7,624	11,164	12,936	12,875
Texas	1,950,383	1,815,603	1,661,946	141,981	179,083	206,702	251,257	224,294
Utah	78,859	79,740	72,871	5,953	7,475	7,172	8,578	8,541
Vermont	7	3	7	1	--	--	1	1
Virginia	393,410	331,221	315,825	29,518	27,529	39,803	46,859	47,766
Washington	114,590	112,623	83,891	9,736	9,569	11,309	12,874	13,688
West Virginia	30,290	28,323	15,205	4,199	3,673	3,020	2,540	2,618
Wisconsin	176,072	186,703	159,299	14,090	11,989	16,767	19,857	22,140
Wyoming	43,886	13,281	8,714	4,322	4,140	5,217	7,206	7,167
Total	12,466,664	11,916,380	11,099,143	991,893	1,070,538	1,227,941	1,493,632	1,534,444

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2022-2024

million cubic feet – continued

State or district	2024						2023	
	June	May	April	March	February	January	Total	December
Alabama	43,341	36,570	32,892	26,040	27,799	41,250	444,879	38,178
Alaska	2,107	W	1,832	2,130	2,372	2,699	32,460	2,861
Arizona	39,652	29,851	26,583	23,364	23,367	27,602	401,056	30,755
Arkansas	19,197	15,479	11,675	13,195	7,285	14,471	185,309	15,114
California	36,213	22,123	25,893	29,194	42,081	64,723	635,259	65,397
Colorado	12,061	9,839	10,237	12,024	10,480	13,717	133,188	11,703
Connecticut	14,974	11,705	10,680	13,671	11,833	13,893	163,844	13,992
Delaware	3,457	1,164	2,093	729	1,759	1,675	27,665	479
District of Columbia	--	--	--	--	--	--	--	--
Florida	137,370	137,267	100,903	104,617	88,381	104,376	1,414,480	97,932
Georgia	37,881	33,729	26,732	26,383	30,167	35,926	443,550	33,616
Hawaii	--	--	--	--	--	--	--	--
Idaho	3,801	2,400	2,719	4,185	4,349	4,842	39,126	3,878
Illinois	21,906	12,896	11,788	14,009	15,311	16,808	208,334	13,448
Indiana	24,136	22,160	19,953	22,957	22,459	23,856	256,346	20,558
Iowa	5,695	5,599	2,415	3,301	4,797	5,809	73,879	5,867
Kansas	4,872	5,142	3,934	4,129	2,739	2,805	44,076	2,192
Kentucky	14,275	12,725	10,520	5,890	7,367	12,708	108,294	8,670
Louisiana	40,523	37,245	29,155	28,622	21,667	32,101	382,352	25,984
Maine	3,088	2,020	2,029	2,628	1,978	2,925	24,673	2,131
Maryland	9,314	7,630	10,620	5,490	5,564	7,547	110,336	7,270
Massachusetts	8,570	6,073	6,689	10,002	9,203	12,884	109,583	10,157
Michigan	35,692	37,395	32,718	31,399	34,591	37,551	425,868	36,268
Minnesota	8,501	8,397	6,875	8,601	8,237	10,547	100,949	8,690
Mississippi	39,131	38,058	30,797	27,320	29,608	38,636	411,002	33,919
Missouri	10,034	6,911	5,677	5,159	5,252	8,087	86,436	6,158
Montana	737	W	592	687	795	1,130	10,081	1,007
Nebraska	1,532	W	861	725	897	1,297	20,409	1,193
Nevada	16,758	12,497	10,230	11,759	13,862	17,366	178,250	15,518
New Hampshire	3,846	2,310	2,280	1,757	1,447	2,574	30,849	1,636
New Jersey	22,478	15,484	20,459	13,805	16,590	21,977	250,848	18,996
New Mexico	10,518	8,853	7,040	7,931	8,643	9,460	113,087	9,569
New York	49,021	36,913	32,111	35,599	37,734	41,494	484,670	38,320
North Carolina	42,816	28,968	26,447	24,632	33,672	32,245	414,871	30,684
North Dakota	2,360	2,046	2,105	2,373	2,580	2,815	20,696	1,822
Ohio	51,468	42,399	40,339	49,004	49,065	53,481	537,657	49,073
Oklahoma	39,550	32,800	25,743	21,195	20,600	35,641	350,890	24,587
Oregon	12,095	7,144	13,113	15,182	15,020	16,397	157,087	14,245
Pennsylvania	96,743	79,793	66,876	79,877	76,465	79,038	947,409	76,915
Rhode Island	6,350	5,494	3,925	4,269	4,402	4,856	58,648	3,717
South Carolina	15,099	15,189	12,161	10,715	12,969	12,741	188,465	13,226
South Dakota	1,254	W	1,016	1,083	1,436	1,890	18,130	1,273
Tennessee	9,986	5,893	6,301	8,923	8,069	11,064	108,843	7,955
Texas	205,176	181,987	130,259	136,163	119,538	173,941	1,951,685	136,083
Utah	7,150	5,941	5,126	6,724	7,678	8,522	87,661	7,922
Vermont	2	--	--	1	1	1	3	--
Virginia	40,143	26,185	24,656	35,502	37,710	37,738	364,193	32,973
Washington	6,721	5,007	8,702	10,716	12,762	13,507	123,283	10,660
West Virginia	3,307	2,955	2,785	1,894	1,398	1,899	31,073	2,750
Wisconsin	18,257	16,637	10,725	14,942	13,657	17,011	203,689	16,986
Wyoming	4,692	3,331	2,678	1,733	1,585	1,816	14,856	1,575
Total	1,243,853	1,045,631	881,938	922,233	917,221	1,137,340	12,930,278	1,013,898

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2022-2024

million cubic feet – continued

State or district	2023							
	November	October	September	August	July	June	May	April
Alabama	38,064	30,691	36,969	48,799	47,432	42,282	36,467	28,337
Alaska	2,503	2,662	2,738	3,456	3,546	2,731	1,969	2,234
Arizona	30,250	39,114	40,377	47,485	47,217	32,704	30,973	34,096
Arkansas	10,473	9,553	17,307	21,366	21,123	18,514	17,091	12,443
California	58,840	65,147	51,286	77,742	78,082	30,119	22,332	37,231
Colorado	10,539	9,077	10,022	14,466	14,877	9,620	8,723	8,763
Connecticut	13,910	11,944	14,231	15,176	17,380	16,448	10,010	11,946
Delaware	1,463	2,520	2,328	3,696	5,884	2,397	1,518	3,007
District of Columbia	--	--	--	--	--	--	--	--
Florida	98,907	120,096	134,771	158,543	150,883	133,755	123,848	108,539
Georgia	30,361	31,644	41,001	48,102	44,680	43,169	40,625	29,857
Hawaii	--	--	--	--	--	--	--	--
Idaho	3,538	2,834	3,483	4,324	4,556	3,072	1,717	1,881
Illinois	15,167	18,321	19,083	27,528	34,134	21,852	12,551	8,116
Indiana	19,585	19,154	19,600	22,466	27,844	25,557	19,867	18,416
Iowa	4,398	5,230	6,586	9,008	9,489	7,736	6,666	3,035
Kansas	2,888	3,461	4,254	6,916	5,770	5,438	4,373	2,449
Kentucky	9,233	9,044	9,155	11,242	13,472	9,370	10,093	4,378
Louisiana	31,298	29,646	34,592	44,887	41,957	40,017	34,663	27,102
Maine	2,519	1,966	2,216	2,426	3,110	2,397	2,117	1,281
Maryland	8,950	10,855	8,749	11,782	12,750	8,999	6,931	11,115
Massachusetts	8,264	8,347	9,218	10,286	13,891	8,303	8,021	7,625
Michigan	31,810	35,701	38,197	44,430	45,595	36,231	32,172	33,136
Minnesota	6,941	7,666	7,929	13,017	13,020	11,114	7,600	6,818
Mississippi	26,165	33,947	36,537	45,108	43,971	38,053	31,119	29,299
Missouri	5,495	7,088	8,683	11,284	12,771	9,215	6,496	5,808
Montana	892	1,047	593	759	864	510	W	730
Nebraska	979	1,885	1,732	3,249	3,145	2,500	1,759	W
Nevada	12,083	15,973	15,372	18,120	21,613	11,809	13,303	11,951
New Hampshire	1,497	2,837	3,155	3,292	4,634	3,643	1,874	3,724
New Jersey	22,294	21,276	21,633	28,403	33,768	21,472	20,257	18,505
New Mexico	9,067	8,281	10,059	12,462	10,599	9,731	9,441	8,112
New York	41,340	36,902	44,863	50,960	65,858	44,353	33,230	29,737
North Carolina	32,307	30,787	36,337	45,082	44,875	33,618	30,651	26,679
North Dakota	1,736	1,909	1,807	2,185	2,218	1,830	1,267	1,469
Ohio	43,648	38,926	50,381	51,536	56,280	47,680	43,670	32,934
Oklahoma	20,935	22,495	36,785	47,808	46,230	38,461	32,305	19,564
Oregon	12,662	14,056	14,889	16,236	14,942	11,456	5,278	11,796
Pennsylvania	64,777	67,108	85,401	95,219	100,078	84,202	68,414	65,210
Rhode Island	4,894	5,613	6,124	5,802	6,251	5,486	4,716	3,864
South Carolina	14,342	14,581	16,707	20,899	18,740	15,662	17,247	15,816
South Dakota	1,089	1,553	1,458	2,529	2,630	2,024	1,562	1,217
Tennessee	8,825	7,478	10,052	11,606	10,851	10,750	10,382	9,523
Texas	136,570	147,443	201,044	249,428	221,816	200,158	168,652	118,945
Utah	6,900	6,303	8,484	8,981	8,350	6,513	6,199	6,024
Vermont	2	--	--	*	--	--	1	--
Virginia	25,236	22,248	33,580	44,961	44,400	34,986	23,272	18,409
Washington	10,487	11,829	12,134	13,207	13,211	7,152	3,731	10,042
West Virginia	4,169	2,818	2,032	3,561	3,617	4,117	3,113	1,583
Wisconsin	15,194	15,938	16,224	21,025	21,374	18,012	15,811	13,860
Wyoming	1,495	1,380	968	1,624	1,565	1,198	1,211	518
Total	964,981	1,016,374	1,191,126	1,462,470	1,471,338	1,176,416	995,707	868,551

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2022-2024

million cubic feet – continued

State or district	2023			2022				
	March	February	January	Total	December	November	October	September
Alabama	33,391	31,731	32,539	453,995	35,987	31,771	34,017	40,347
Alaska	2,733	2,309	2,718	26,791	2,402	2,219	2,129	2,109
Arizona	23,017	21,442	23,626	338,614	26,248	23,612	33,174	36,617
Arkansas	14,016	13,511	14,797	188,895	16,775	15,237	14,294	18,611
California	45,744	47,442	55,897	645,344	64,227	57,460	63,966	75,650
Colorado	11,336	10,037	14,025	126,746	12,517	10,702	9,535	11,282
Connecticut	13,953	11,299	13,554	164,634	11,605	13,455	12,385	15,414
Delaware	1,572	765	2,036	31,728	1,400	2,616	2,876	2,296
District of Columbia	--	--	--	0	0	0	0	0
Florida	101,577	88,008	97,621	1,389,153	98,811	100,403	109,895	131,047
Georgia	32,827	33,607	34,061	433,077	32,330	30,598	29,729	41,296
Hawaii	--	--	--	0	0	0	0	0
Idaho	3,055	3,088	3,699	32,855	4,330	4,060	2,785	3,382
Illinois	11,408	12,713	14,012	143,807	11,676	10,163	11,076	16,809
Indiana	21,565	19,632	22,103	231,747	22,168	18,006	19,802	16,529
Iowa	5,593	4,317	5,953	54,930	4,193	2,955	3,634	5,521
Kansas	2,524	1,969	1,842	30,569	1,969	2,871	3,147	2,218
Kentucky	7,951	7,644	8,039	135,630	12,537	10,414	7,901	9,110
Louisiana	27,639	25,179	19,389	364,799	26,306	24,010	24,988	28,427
Maine	1,665	1,112	1,734	25,028	1,198	1,289	1,591	3,316
Maryland	10,151	7,076	5,708	96,940	5,954	6,326	9,816	9,309
Massachusetts	7,442	9,164	8,864	115,431	9,815	7,741	4,977	7,496
Michigan	33,331	28,424	30,573	320,265	27,724	24,009	27,703	28,930
Minnesota	7,250	4,455	6,450	66,127	4,575	2,869	4,486	6,806
Mississippi	32,243	28,431	32,211	378,974	33,006	26,976	23,935	30,306
Missouri	4,744	3,832	4,861	76,393	6,085	4,794	5,295	7,240
Montana	886	1,009	1,369	7,729	1,423	855	894	856
Nebraska	946	625	W	12,666	592	309	673	1,440
Nevada	14,598	13,064	14,846	187,157	15,199	14,279	16,053	18,935
New Hampshire	1,818	1,127	1,611	31,983	1,465	885	2,535	3,007
New Jersey	14,790	12,235	17,219	250,502	15,795	18,093	19,121	22,672
New Mexico	8,881	7,258	9,627	89,811	10,298	8,450	8,718	8,785
New York	31,000	31,968	36,138	475,487	34,855	34,508	33,946	36,664
North Carolina	30,188	32,693	40,970	463,449	40,964	38,330	37,074	38,912
North Dakota	1,666	1,332	1,455	13,817	1,166	790	1,288	1,279
Ohio	43,454	39,445	40,628	476,805	41,705	39,085	31,970	40,835
Oklahoma	20,286	19,982	21,451	286,901	23,314	18,577	22,741	27,867
Oregon	13,788	13,264	14,476	132,257	16,433	13,502	12,410	14,519
Pennsylvania	80,457	76,380	83,250	884,228	74,904	65,724	71,843	78,071
Rhode Island	4,290	3,554	4,339	50,317	2,252	5,648	4,677	4,293
South Carolina	14,375	13,222	13,649	189,487	11,398	12,536	15,855	18,702
South Dakota	1,034	674	1,087	11,784	1,156	743	618	1,215
Tennessee	6,851	6,605	7,964	123,232	11,938	7,622	5,245	8,843
Texas	121,832	121,082	128,633	1,805,335	143,387	129,779	138,746	180,900
Utah	7,770	6,956	7,260	80,353	7,482	7,116	7,044	7,737
Vermont	--	--	1	8	1	2	0	0
Virginia	25,735	25,401	32,992	348,300	32,475	27,984	25,699	31,959
Washington	12,626	8,038	10,166	96,557	12,665	11,484	12,056	13,188
West Virginia	830	942	1,542	16,769	1,565	1,540	1,134	1,124
Wisconsin	16,168	15,296	17,799	174,053	14,754	8,738	11,763	12,354
Wyoming	959	1,031	1,332	10,091	1,377	973	1,194	916
Total	931,959	870,374	967,085	12,091,546	992,402	902,107	946,433	1,125,139

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2022-2024

million cubic feet – continued

State or district	2022							
	August	July	June	May	April	March	February	January
Alabama	47,792	50,838	49,556	39,647	29,403	30,242	26,678	37,718
Alaska	2,148	2,174	2,148	2,077	2,137	2,381	2,403	2,464
Arizona	39,359	38,782	30,327	25,823	24,951	21,071	18,896	19,753
Arkansas	21,366	22,971	17,993	11,905	11,385	14,207	8,098	16,051
California	80,299	64,837	48,437	33,089	36,920	35,848	38,124	46,487
Colorado	13,855	13,910	10,588	8,876	6,950	8,866	9,539	10,127
Connecticut	18,317	17,984	14,596	11,423	10,701	13,427	12,366	12,962
Delaware	6,268	6,165	2,586	1,819	1,907	1,006	1,597	1,191
District of Columbia	0	0	0	0	0	0	0	0
Florida	147,594	148,581	137,817	124,586	100,279	99,550	85,428	105,162
Georgia	49,381	51,251	48,024	37,761	26,499	25,796	27,188	33,225
Hawaii	0	0	0	0	0	0	0	0
Idaho	3,973	3,767	878	1,424	881	1,787	2,747	2,842
Illinois	19,338	18,847	16,117	9,288	3,600	7,558	7,021	12,314
Indiana	20,343	21,355	19,985	18,207	17,458	16,288	18,664	22,942
Iowa	8,499	7,837	6,301	4,482	1,294	2,761	3,499	3,952
Kansas	3,509	4,291	2,769	2,288	1,453	2,082	2,045	1,927
Kentucky	13,588	17,031	16,884	10,233	7,130	5,518	9,195	16,089
Louisiana	37,147	46,335	41,827	35,284	27,183	20,791	23,755	28,744
Maine	3,807	3,795	2,276	2,096	985	1,613	1,397	1,665
Maryland	11,971	11,270	10,511	8,084	7,616	7,477	4,245	4,359
Massachusetts	17,204	16,916	8,313	10,311	7,868	7,227	7,998	9,566
Michigan	35,270	37,710	29,720	19,762	18,851	21,252	21,333	28,002
Minnesota	8,509	8,434	5,942	3,980	3,943	3,633	5,419	7,531
Mississippi	39,445	43,418	37,637	29,049	26,188	27,446	26,645	34,922
Missouri	10,265	12,955	8,933	5,909	3,469	2,538	3,497	5,414
Montana	884	566	355	344	366	352	370	465
Nebraska	2,798	3,286	1,377	976	324	255	324	311
Nevada	20,708	21,344	15,957	13,204	12,316	12,373	12,567	14,220
New Hampshire	4,687	4,199	3,752	3,597	2,936	1,893	1,464	1,562
New Jersey	35,165	36,440	24,407	18,616	16,942	15,303	15,325	12,624
New Mexico	10,185	10,355	6,925	6,406	4,238	4,882	5,048	5,520
New York	59,049	60,783	41,306	39,239	32,139	31,901	34,346	36,752
North Carolina	52,298	53,535	44,866	31,497	21,539	30,941	37,139	36,354
North Dakota	1,805	1,787	1,186	817	756	728	972	1,243
Ohio	45,825	48,840	42,574	37,064	28,948	37,317	36,155	46,485
Oklahoma	39,719	44,075	28,459	22,438	12,055	10,629	17,377	19,651
Oregon	14,106	8,167	1,933	5,410	11,545	10,010	11,305	12,918
Pennsylvania	88,133	89,515	74,921	63,115	57,160	71,869	69,659	79,315
Rhode Island	5,975	6,332	4,377	3,984	3,098	4,029	2,891	2,759
South Carolina	23,009	22,383	20,510	16,246	9,512	11,165	13,625	14,546
South Dakota	1,867	2,047	1,078	568	492	460	635	906
Tennessee	13,037	15,227	14,367	7,293	8,511	11,040	8,803	11,305
Texas	219,428	224,657	184,392	150,515	98,488	91,745	116,379	126,918
Utah	8,079	7,726	6,173	5,401	5,237	5,179	6,116	7,063
Vermont	1	0	1	1	0	2	0	1
Virginia	40,398	39,437	33,693	21,959	15,710	27,570	24,330	27,087
Washington	11,577	7,999	598	915	7,185	4,942	6,759	7,187
West Virginia	1,583	2,480	2,095	1,558	986	570	401	1,732
Wisconsin	19,215	21,104	18,241	13,132	12,862	11,147	14,117	16,625
Wyoming	1,366	1,231	819	986	679	178	115	258
Total	1,380,145	1,404,970	1,144,526	922,687	743,075	776,847	803,999	949,215

^a The electric power sector comprises electricity-only (utilities and independent power producers) and combined-heat-and-power plants within the NAICS 22 sector, whose primary business is to sell electricity, or electricity and heat, to the public.

– Not applicable.

* Volume is less than 500 Mcf.

^w Withheld.

Source: U.S. Energy Information Administration (EIA): Form EIA-923, *Power Plant Operations Report*.

Note: Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding and/or withheld data. Appendix A, Explanatory Note 6, contains a discussion of computations and revision policy.

Table 18. Natural gas deliveries to all consumers, by state, 2022-2024

million cubic feet

State or district	2024	2023	2022	2024				
	11-month YTD	11-month YTD	11-month YTD	November	October	September	August	July
Alabama	673,342	649,486	660,464	58,835	50,537	64,294	71,841	73,445
Alaska	NA	114,723	105,919	12,915	9,473	8,660	8,758	9,038
Arizona	NA	463,574	398,737	NA	48,802	NA	55,786	56,014
Arkansas	NA	339,321	344,197	NA	NA	NA	NA	NA
California	NA	1,830,209	1,792,794	157,349	156,146	147,447	155,422	NA
Colorado	371,058	376,397	366,956	46,231	24,467	20,658	24,827	26,359
Connecticut	NA	256,690	263,157	27,405	22,701	21,141	23,383	24,208
Delaware	NA	74,885	78,092	6,550	6,617	5,301	5,863	7,209
District of Columbia	20,921	21,522	23,617	2,335	1,558	955	924	954
Florida	NA	1,509,061	1,484,011	NA	142,182	161,832	NA	169,471
Georgia	676,380	696,801	700,845	59,527	54,619	54,587	64,535	63,600
Hawaii	2,747	2,735	2,739	228	235	234	246	252
Idaho	126,993	119,813	113,076	14,542	9,814	9,302	9,709	9,231
Illinois	NA	935,085	932,188	89,640	67,672	57,143	64,810	64,773
Indiana	NA	776,601	763,336	73,238	66,546	56,016	63,872	63,918
Iowa	366,332	396,505	381,727	35,337	28,264	27,714	29,508	31,639
Kansas	NA	252,797	251,216	23,396	NA	NA	NA	NA
Kentucky	314,113	280,370	312,711	27,632	23,278	26,478	29,674	29,116
Louisiana	NA	1,474,327	1,467,135	NA	136,703	133,153	154,650	153,929
Maine	NA	49,382	53,240	5,042	NA	NA	NA	NA
Maryland	229,131	236,934	237,554	19,896	19,665	13,744	17,638	20,801
Massachusetts	NA	326,461	360,412	33,076	24,050	15,984	19,449	22,863
Michigan	900,533	927,726	874,407	87,932	60,884	57,778	67,151	70,039
Minnesota	NA	438,078	430,024	45,029	28,174	25,796	30,235	NA
Mississippi	NA	525,368	509,262	NA	NA	49,346	NA	58,551
Missouri	260,269	271,740	268,883	25,516	18,149	16,874	21,284	22,874
Montana	74,516	76,301	71,040	8,179	5,712	4,418	4,540	4,651
Nebraska	160,852	176,668	161,761	15,962	12,769	12,401	13,945	13,759
Nevada	NA	257,640	261,356	NA	NA	21,506	24,034	NA
New Hampshire	NA	52,444	52,993	2,170	NA	5,520	5,479	NA
New Jersey	NA	613,265	632,737	NA	NA	NA	36,258	44,544
New Mexico	NA	168,385	146,045	NA	NA	12,339	13,677	14,790
New York	NA	1,139,800	1,162,971	104,678	78,233	73,308	85,149	95,773
North Carolina	NA	588,894	640,788	53,248	52,682	54,134	NA	63,090
North Dakota	91,762	82,485	75,349	8,674	6,867	6,732	7,678	7,683
Ohio	NA	1,143,842	1,110,269	116,323	85,108	86,615	90,243	88,702
Oklahoma	641,511	620,625	547,796	52,005	48,298	55,157	68,374	68,088
Oregon	271,175	261,460	235,254	29,120	23,231	21,148	22,877	22,986
Pennsylvania	1,455,151	1,397,186	1,374,687	132,854	107,771	112,095	131,009	137,974
Rhode Island	NA	86,126	81,648	8,638	NA	NA	8,808	9,283
South Carolina	NA	309,089	318,785	NA	28,373	25,717	29,854	26,787
South Dakota	NA	80,964	74,393	7,127	5,314	5,580	NA	7,550
Tennessee	NA	332,602	363,626	31,357	27,261	29,541	NA	28,934
Texas	NA	3,979,912	3,834,202	NA	NA	393,695	445,217	415,397
Utah	208,476	223,129	212,157	23,777	13,755	13,426	14,171	14,710
Vermont	10,793	11,007	11,884	1,166	857	593	579	563
Virginia	NA	548,972	548,053	53,077	43,185	51,935	60,130	61,194
Washington	309,512	304,515	288,741	34,046	26,180	21,953	23,252	23,766
West Virginia	NA	102,662	89,795	11,868	10,249	8,316	NA	7,119
Wisconsin	494,538	525,943	519,840	49,326	34,638	32,865	36,290	38,065
Wyoming	131,942	93,358	82,427	14,618	11,250	11,759	13,284	13,152
Total	26,766,496	26,523,862	26,075,290	2,455,241	2,177,908	2,171,422	2,449,297	2,473,911

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2022-2024

million cubic feet – continued

State or district	2024						2023	
	June	May	April	March	February	January	Total	December
Alabama	62,671	58,004	55,095	50,048	53,816	74,758	714,854	65,367
Alaska	NA	9,547	9,910	12,896	13,898	16,113	130,424	15,701
Arizona	45,123	36,384	35,174	33,840	36,213	42,789	505,456	41,882
Arkansas	NA	NA	25,807	29,633	28,114	39,213	374,616	35,296
California	123,472	NA	NA	150,725	169,158	NA	2,027,306	197,097
Colorado	22,588	26,284	31,342	43,188	45,728	59,385	426,609	50,212
Connecticut	20,320	NA	20,950	27,530	28,934	33,644	286,466	29,776
Delaware	6,292	4,522	NA	4,753	7,549	8,483	81,354	6,469
District of Columbia	917	1,161	1,772	2,589	3,356	4,400	25,045	3,524
Florida	154,277	155,846	120,351	NA	108,695	NA	1,627,185	118,125
Georgia	56,148	54,784	50,997	57,805	69,688	90,092	774,504	77,703
Hawaii	240	263	262	255	253	278	2,983	248
Idaho	7,908	8,038	9,946	14,159	15,026	19,319	135,777	15,964
Illinois	54,721	52,381	73,321	101,458	115,045	NA	1,052,994	117,909
Indiana	58,610	NA	67,409	81,391	86,723	108,469	864,672	88,071
Iowa	27,747	29,603	29,494	37,073	39,290	50,663	440,684	44,179
Kansas	18,409	NA	NA	24,453	25,216	38,832	281,631	28,834
Kentucky	26,120	25,521	25,484	25,492	30,445	44,872	313,566	33,196
Louisiana	142,077	143,290	134,705	130,842	114,795	142,723	1,618,813	144,486
Maine	NA	3,822	4,789	6,221	5,718	7,237	55,150	5,767
Maryland	15,124	15,053	21,704	22,535	27,577	35,394	265,426	28,491
Massachusetts	NA	18,511	27,756	39,652	44,548	55,249	369,495	43,034
Michigan	56,568	62,727	78,150	102,023	113,663	143,618	1,037,537	109,810
Minnesota	26,194	28,540	NA	50,958	51,600	69,446	492,729	54,651
Mississippi	51,865	52,108	45,561	43,602	46,962	61,203	576,830	51,462
Missouri	18,875	16,409	19,418	25,236	30,263	45,369	306,802	35,062
Montana	4,700	5,697	6,603	8,744	9,601	11,671	86,110	9,809
Nebraska	11,579	11,785	12,371	15,958	16,310	24,012	197,068	20,400
Nevada	NA	NA	18,040	NA	26,283	NA	285,053	27,413
New Hampshire	NA	NA	NA	NA	NA	NA	57,550	5,106
New Jersey	37,734	33,424	54,868	60,049	NA	99,191	692,088	78,824
New Mexico	14,035	12,702	14,088	16,331	18,288	22,157	188,989	20,605
New York	NA	75,095	93,806	126,660	146,961	175,052	1,280,983	141,184
North Carolina	55,256	42,606	42,994	46,943	63,022	72,915	653,042	64,147
North Dakota	6,906	7,291	8,841	9,783	9,996	11,312	91,937	9,452
Ohio	85,298	NA	96,719	127,791	140,437	172,567	1,284,200	140,359
Oklahoma	60,550	55,877	50,624	49,729	52,900	79,909	682,145	61,521
Oregon	18,648	15,748	23,775	29,073	29,898	34,671	290,879	29,419
Pennsylvania	123,259	111,697	113,064	150,334	156,105	178,989	1,552,109	154,923
Rhode Island	7,622	7,242	7,058	8,667	9,847	11,150	94,556	8,429
South Carolina	24,478	25,445	23,362	24,431	29,670	33,033	339,673	30,584
South Dakota	6,008	6,533	7,721	8,710	9,619	11,654	89,863	8,899
Tennessee	26,171	23,588	27,704	NA	NA	NA	371,552	38,950
Texas	387,484	363,940	316,397	344,741	334,099	434,802	4,350,472	370,560
Utah	14,960	16,803	15,615	22,961	26,313	31,986	254,620	31,491
Vermont	602	642	1,050	1,374	1,574	1,794	12,537	1,530
Virginia	54,054	41,879	NA	NA	65,358	71,093	613,688	64,717
Washington	17,859	19,775	27,113	33,746	37,745	44,077	342,303	37,788
West Virginia	8,129	8,314	NA	NA	NA	NA	115,426	12,764
Wisconsin	34,656	36,019	40,950	56,214	59,138	76,377	588,070	62,127
Wyoming	10,749	10,206	10,355	11,465	11,446	13,658	105,478	12,120
Total	2,178,326	2,081,368	2,146,707	2,528,460	2,701,349	3,402,509	29,409,299	2,885,437

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2022-2024

million cubic feet – continued

State or district	2023							
	November	October	September	August	July	June	May	April
Alabama	62,501	51,426	55,941	68,988	67,163	62,071	57,821	49,707
Alaska	12,681	10,504	8,539	8,552	8,802	8,016	7,992	9,571
Arizona	37,991	44,494	45,434	52,524	51,902	38,133	37,467	42,818
Arkansas	26,562	23,183	29,125	33,270	32,601	30,705	30,413	27,885
California	170,610	170,350	146,664	173,473	172,055	125,066	127,292	149,076
Colorado	42,233	30,227	20,732	24,868	24,702	20,799	22,713	32,253
Connecticut	27,809	19,453	19,694	20,345	22,677	21,807	16,873	20,822
Delaware	6,877	6,362	5,439	6,716	9,113	5,704	5,702	7,060
District of Columbia	3,162	1,492	956	935	964	1,163	1,329	1,538
Florida	116,392	137,328	151,000	174,650	167,225	150,542	140,739	126,110
Georgia	63,365	56,116	60,071	67,387	63,391	62,375	62,070	54,364
Hawaii	234	248	251	245	243	265	240	238
Idaho	13,724	11,027	8,446	8,396	8,445	7,314	6,603	9,898
Illinois	103,732	74,296	53,830	60,666	67,237	56,772	56,684	74,712
Indiana	77,765	63,378	55,252	58,849	63,200	60,341	59,673	66,993
Iowa	38,213	33,320	29,645	31,753	31,921	30,124	31,424	32,897
Kansas	25,835	19,957	17,289	21,907	20,259	18,325	19,044	20,346
Kentucky	29,488	23,620	20,699	23,017	24,761	21,132	23,356	19,627
Louisiana	136,764	135,419	132,120	144,939	141,497	136,035	134,504	128,843
Maine	5,835	4,016	3,678	3,895	4,548	3,820	3,974	3,637
Maryland	27,669	20,489	14,885	18,533	19,242	15,869	14,594	20,287
Massachusetts	38,302	22,317	18,953	19,487	22,790	18,689	21,852	26,650
Michigan	100,177	76,971	60,665	66,948	66,796	59,317	65,491	83,544
Minnesota	44,076	33,122	23,873	29,416	29,185	29,528	27,873	42,041
Mississippi	40,253	46,855	48,476	57,519	56,096	49,984	43,388	42,703
Missouri	27,847	20,987	17,387	20,136	21,575	18,240	17,019	21,026
Montana	8,157	6,551	4,112	4,407	4,422	4,126	4,801	7,182
Nebraska	16,803	15,313	12,652	15,513	15,016	13,125	12,413	14,331
Nevada	20,645	22,128	20,454	22,974	26,158	17,173	20,175	21,387
New Hampshire	3,808	4,470	4,296	4,385	5,671	4,804	3,391	5,848
New Jersey	69,981	46,741	38,897	47,357	50,879	39,595	43,297	56,252
New Mexico	16,874	12,407	13,045	15,533	13,589	12,878	13,074	13,633
New York	128,771	82,442	76,538	80,880	100,526	79,386	75,344	87,741
North Carolina	57,925	47,338	49,004	57,614	56,816	45,337	46,047	43,881
North Dakota	8,364	6,261	5,059	5,913	6,442	5,720	6,513	8,334
Ohio	122,089	82,400	81,404	85,256	89,461	80,974	91,266	95,757
Oklahoma	48,426	44,817	57,900	69,819	66,998	59,993	55,938	45,735
Oregon	26,506	23,921	21,440	22,262	20,744	17,912	12,686	24,158
Pennsylvania	132,904	107,839	114,457	124,465	127,745	112,286	102,146	108,501
Rhode Island	9,078	7,436	7,522	7,068	7,484	7,051	6,499	6,409
South Carolina	28,713	25,704	26,237	30,588	28,157	25,588	28,140	27,435
South Dakota	7,394	6,181	5,566	6,565	6,651	6,238	6,259	7,903
Tennessee	31,666	25,003	26,124	26,035	25,019	26,401	26,702	29,575
Texas	347,636	340,540	381,380	436,185	406,784	379,753	354,140	308,783
Utah	25,347	15,128	14,142	14,998	14,710	12,693	13,893	19,304
Vermont	1,348	825	619	598	619	529	686	983
Virginia	52,868	36,999	50,173	58,493	57,729	48,267	37,636	36,551
Washington	34,558	28,995	23,230	22,747	22,453	17,267	15,669	29,116
West Virginia	12,455	8,772	6,572	7,862	8,093	8,969	7,889	8,253
Wisconsin	55,365	42,098	32,201	37,353	37,034	34,217	37,536	46,343
Wyoming	10,499	8,960	6,894	6,736	6,529	6,209	7,696	8,572
Total	2,558,279	2,186,224	2,128,961	2,409,018	2,404,122	2,118,628	2,065,968	2,176,612

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2022-2024

million cubic feet – continued

State or district	2023			2022				
	March	February	January	Total	December	November	October	September
Alabama	58,094	55,460	60,313	723,228	62,765	55,465	54,547	58,405
Alaska	12,855	12,704	14,507	120,845	14,927	12,238	10,076	7,369
Arizona	36,687	36,341	39,783	438,017	39,280	32,589	38,654	41,206
Arkansas	33,345	34,696	37,534	381,128	36,931	31,072	27,508	30,301
California	192,731	189,502	213,390	2,004,431	211,637	188,206	162,956	167,458
Colorado	48,452	47,110	62,306	423,157	56,201	46,359	28,056	21,990
Connecticut	29,231	27,494	30,486	292,355	29,199	25,245	20,294	20,732
Delaware	7,361	6,348	8,203	85,938	7,846	7,381	6,758	5,445
District of Columbia	3,107	3,119	3,758	27,663	4,047	2,604	1,209	1,000
Florida	120,973	106,271	117,832	1,601,616	117,605	116,756	126,736	146,091
Georgia	65,391	65,767	76,506	778,800	77,955	62,907	52,693	59,816
Hawaii	262	222	287	2,993	254	256	241	255
Idaho	14,308	15,142	16,508	131,131	18,055	16,437	9,620	8,013
Illinois	117,521	125,509	144,125	1,077,759	145,571	101,315	70,478	52,739
Indiana	89,631	84,657	96,862	861,586	98,251	76,660	61,756	49,528
Iowa	44,376	42,921	49,910	430,035	48,309	38,333	32,069	27,019
Kansas	27,416	28,768	33,650	285,582	34,365	26,999	19,330	15,580
Kentucky	30,681	29,455	34,534	352,942	40,231	31,734	23,160	20,759
Louisiana	134,048	123,913	126,247	1,602,799	135,664	130,979	120,764	127,474
Maine	5,308	5,017	5,654	58,096	4,856	4,279	3,940	5,213
Maryland	29,661	27,160	28,546	269,896	32,342	22,602	20,032	15,231
Massachusetts	41,596	46,871	48,955	411,501	51,088	33,568	21,001	19,515
Michigan	115,165	110,753	121,899	997,227	122,819	90,044	70,762	52,771
Minnesota	57,663	55,206	66,096	490,559	60,536	41,009	30,469	23,222
Mississippi	47,289	42,558	50,246	560,760	51,498	42,689	38,253	43,629
Missouri	33,095	32,839	41,588	311,026	42,142	29,120	18,143	15,885
Montana	10,396	10,191	11,957	83,713	12,673	9,797	5,053	3,926
Nebraska	19,496	19,172	22,833	183,451	21,690	16,348	11,972	12,157
Nevada	29,009	27,201	30,336	286,622	25,266	23,029	22,419	23,695
New Hampshire	5,275	4,963	5,531	58,034	5,041	2,652	3,678	4,181
New Jersey	71,996	68,535	79,735	720,006	87,270	59,210	44,320	41,249
New Mexico	18,571	17,285	21,496	168,065	22,020	18,057	15,575	12,803
New York	135,982	138,790	153,399	1,320,545	157,574	109,862	80,769	66,004
North Carolina	54,974	57,237	72,721	718,823	78,036	62,169	55,668	52,243
North Dakota	9,910	9,301	10,669	84,413	9,064	6,311	5,696	4,997
Ohio	134,683	133,419	147,134	1,265,686	155,417	119,216	80,091	74,015
Oklahoma	54,387	55,318	61,293	608,310	60,514	49,206	44,102	47,483
Oregon	30,117	29,856	31,858	270,346	35,093	30,125	20,933	20,692
Pennsylvania	153,896	151,528	161,420	1,544,648	169,961	123,247	114,663	106,996
Rhode Island	8,949	8,661	9,970	88,138	6,490	8,134	6,193	5,618
South Carolina	28,584	27,966	31,979	348,216	29,430	26,361	27,783	28,476
South Dakota	9,247	8,728	10,233	85,104	10,711	6,841	4,984	5,241
Tennessee	33,993	38,317	43,767	410,177	46,551	34,918	24,603	24,862
Texas	330,169	333,541	361,002	4,198,870	364,669	340,225	324,802	352,641
Utah	29,961	29,855	33,097	245,248	33,090	28,863	16,683	13,384
Vermont	1,525	1,600	1,673	13,479	1,595	1,171	868	653
Virginia	53,415	55,415	61,427	615,925	67,872	52,406	47,174	44,682
Washington	37,499	34,290	38,691	333,845	45,104	39,934	26,674	23,471
West Virginia	10,888	10,536	12,370	102,685	12,891	9,526	7,861	6,114
Wisconsin	65,079	64,871	73,846	590,568	70,728	48,383	38,920	29,023
Wyoming	9,727	9,639	11,896	94,295	11,868	10,088	7,284	5,758
Total	2,743,975	2,702,018	3,030,057	29,160,286	3,084,994	2,502,928	2,108,275	2,047,010

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2022-2024

million cubic feet – continued

State or district	2022							
	August	July	June	May	April	March	February	January
Alabama	66,914	69,567	68,139	59,428	51,073	54,272	52,394	70,259
Alaska	6,671	6,618	6,668	7,837	9,556	11,906	12,420	14,561
Arizona	44,229	43,273	35,605	31,763	32,383	32,852	32,018	34,163
Arkansas	32,822	33,657	29,679	24,766	27,231	35,570	31,359	40,231
California	174,616	159,332	140,100	134,841	141,603	156,835	168,849	197,997
Colorado	24,223	24,038	21,305	24,035	31,353	41,882	49,505	54,209
Connecticut	23,504	22,961	19,751	18,017	20,748	28,003	29,794	34,106
Delaware	9,163	8,868	5,613	5,546	6,467	6,375	7,466	9,010
District of Columbia	1,018	1,069	895	1,251	2,052	3,330	4,119	5,071
Florida	163,640	164,349	154,365	141,713	117,942	120,020	105,451	126,948
Georgia	69,179	70,355	67,047	58,191	51,092	57,600	65,290	86,674
Hawaii	241	245	262	249	257	243	227	263
Idaho	8,502	7,342	5,222	7,344	8,636	10,744	14,306	16,911
Illinois	51,752	51,923	50,864	57,432	80,339	110,232	138,363	166,751
Indiana	53,282	55,435	54,840	57,189	68,153	79,646	94,063	112,783
Iowa	29,428	29,185	27,673	28,951	31,717	39,250	44,142	53,960
Kansas	19,647	20,998	17,166	18,689	20,436	26,621	31,168	34,581
Kentucky	24,855	27,821	28,081	22,308	23,707	26,470	35,196	48,621
Louisiana	135,970	143,988	137,069	136,215	130,686	130,936	124,654	148,400
Maine	5,687	5,596	4,108	4,130	3,606	5,077	5,298	6,304
Maryland	17,385	17,483	17,026	15,745	22,693	25,448	27,519	36,390
Massachusetts	27,451	26,584	18,957	25,314	29,695	44,468	53,042	60,817
Michigan	57,734	59,737	52,129	49,634	78,546	101,137	117,147	144,766
Minnesota	25,288	23,846	22,203	27,608	43,626	51,796	66,173	74,784
Mississippi	51,972	56,637	50,731	41,768	41,104	44,594	43,699	54,187
Missouri	18,535	20,669	17,249	16,464	20,537	27,406	37,809	47,069
Montana	4,009	4,198	4,026	5,035	7,091	8,395	9,405	10,105
Nebraska	13,767	13,705	11,047	12,128	12,966	16,412	19,150	22,108
Nevada	25,397	26,248	21,425	20,145	20,102	24,144	24,760	29,991
New Hampshire	5,764	5,226	4,890	5,024	5,145	5,049	5,198	6,185
New Jersey	51,901	56,219	42,376	45,974	54,231	66,791	82,419	88,046
New Mexico	13,279	13,215	9,802	9,687	8,262	12,566	15,449	17,349
New York	89,062	95,186	73,907	83,495	101,718	136,122	153,334	173,512
North Carolina	65,601	66,001	57,227	45,267	38,096	52,753	67,285	78,480
North Dakota	5,426	5,491	5,198	6,147	7,282	8,907	9,385	10,509
Ohio	76,780	78,945	75,309	77,169	93,215	122,565	142,346	170,618
Oklahoma	59,499	63,777	46,892	44,263	35,764	41,658	54,447	60,704
Oregon	19,985	14,097	9,176	15,293	24,307	23,380	26,425	30,840
Pennsylvania	117,148	114,899	103,901	99,440	110,959	148,528	152,768	182,139
Rhode Island	7,253	7,733	6,028	5,953	6,279	8,991	8,935	10,531
South Carolina	33,322	32,622	30,759	27,254	21,920	25,407	29,895	34,987
South Dakota	5,899	5,969	5,491	5,214	7,040	8,040	9,058	10,615
Tennessee	28,437	30,046	30,164	24,046	29,839	37,654	42,696	56,360
Texas	400,647	408,563	364,046	333,692	289,525	313,286	342,351	364,425
Utah	14,176	14,364	12,983	15,420	18,591	21,969	25,646	30,078
Vermont	642	612	655	641	1,140	1,537	1,793	2,172
Virginia	55,120	52,919	47,921	34,167	32,716	54,377	55,144	71,424
Washington	21,766	17,847	12,228	17,506	28,890	28,236	33,475	38,714
West Virginia	5,787	6,232	5,492	5,921	7,467	9,768	11,154	14,473
Wisconsin	35,365	37,633	34,388	34,016	48,668	58,842	70,243	84,360
Wyoming	6,520	5,894	5,991	6,573	7,559	8,635	8,772	9,352
Total	2,306,262	2,329,216	2,074,067	1,995,895	2,114,010	2,516,726	2,793,006	3,287,895

* Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components.

^R Revised data.

^{NA} Not available.

Source: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.

Note: Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding and/or withheld data.

Appendix A, Explanatory Note 6, contains a discussion of computations and revision policy.

Table 19. Average citygate price, by state, 2022-2024

dollars per thousand cubic feet

State or district	2024	2023	2022						2024
	11-month YTD	11-month YTD	11-month YTD	November	October	September	August	July	
Alabama	3.40	4.07	6.66	3.53	3.76	3.34	3.28	3.62	
Alaska	8.74	8.33	8.12	8.61	8.75	8.97	9.14	9.19	
Arizona	NA	5.14	6.26	2.78	2.05	NA	1.95	2.52	
Arkansas	4.67	6.25	8.27	4.16	5.11	4.93	5.13	6.77	
California	3.67	8.93	7.41	3.74	3.22	2.44	3.14	2.98	
Colorado	3.63	5.86	6.21	2.74	3.06	4.06	3.33	3.88	
Connecticut	5.33	5.98	7.92	4.92	6.08	7.75	7.48	7.53	
Delaware	6.29	7.95	7.22	5.71	7.72	11.45	11.53	10.81	
District of Columbia	--	--	--	--	--	--	--	--	
Florida	NA	7.41	9.55	NA	6.17	NA	NA	7.55	
Georgia	NA	4.83	6.97	NA	4.13	3.72	NA	4.68	
Hawaii	24.41	28.78	33.07	21.34	21.91	21.18	21.85	23.89	
Idaho	2.83	4.71	3.83	2.99	1.62	2.06	2.58	2.79	
Illinois	NA	4.09	5.67	3.24	3.17	2.65	NA	3.79	
Indiana	NA	4.58	5.79	3.44	3.06	3.32	3.02	3.65	
Iowa	4.27	5.39	6.70	3.93	4.29	3.60	3.78	3.61	
Kansas	5.51	6.63	7.35	4.52	6.56	8.13	5.22	7.19	
Kentucky	NA	4.17	6.21	3.38	3.72	3.34	3.09	3.90	
Louisiana	NA	4.18	5.47	NA	3.96	3.48	3.23	3.73	
Maine	NA	8.21	9.75	4.36	3.20	4.42	4.65	4.89	
Maryland	NA	6.84	7.25	4.96	6.87	7.67	8.52	9.95	
Massachusetts	7.51	7.66	9.06	6.88	8.33	14.74	16.38	14.97	
Michigan	NA	4.24	4.98	3.58	2.99	2.62	2.39	3.01	
Minnesota	NA	6.12	6.60	2.66	2.95	4.31	4.27	4.08	
Mississippi	NA	5.13	6.65	NA	4.02	3.67	3.82	4.73	
Missouri	3.63	4.80	5.71	3.38	3.89	3.98	3.90	4.27	
Montana	3.46	4.46	5.72	3.49	3.34	2.55	2.40	2.37	
Nebraska	3.85	5.61	6.89	3.72	3.59	3.60	3.49	3.70	
Nevada	3.93	10.06	7.33	3.50	3.41	3.39	3.29	3.98	
New Hampshire	4.66	6.00	9.18	4.01	4.06	5.46	5.56	4.86	
New Jersey	5.04	5.92	6.36	5.08	4.81	4.39	4.13	4.22	
New Mexico	NA	5.59	6.29	3.87	NA	3.42	NA	1.84	
New York	NA	4.95	6.71	4.00	4.60	6.43	6.84	7.22	
North Carolina	3.38	3.68	6.47	3.37	3.33	3.88	3.47	4.21	
North Dakota	4.20	4.67	6.81	6.02	6.99	4.05	3.25	3.29	
Ohio	NA	5.46	6.42	NA	NA	4.69	NA	5.21	
Oklahoma	6.25	7.39	7.93	6.17	5.81	7.15	6.40	6.06	
Oregon	5.07	5.62	5.08	4.73	4.34	5.37	5.61	6.71	
Pennsylvania	NA	5.44	7.12	5.62	4.83	6.81	4.77	5.54	
Rhode Island	8.27	9.29	7.79	7.22	8.66	13.83	13.87	10.26	
South Carolina	NA	4.83	8.13	3.89	5.08	5.22	4.87	5.90	
South Dakota	4.74	5.44	6.64	5.81	5.17	3.69	3.90	3.30	
Tennessee	NA	3.92	6.01	3.42	3.24	2.91	2.81	3.19	
Texas	NA	4.32	6.83	3.16	NA	2.35	2.49	2.88	
Utah	5.21	6.80	6.89	3.66	5.51	6.52	7.76	7.17	
Vermont	4.48	5.45	6.11	4.57	4.19	4.03	3.53	4.51	
Virginia	NA	5.30	7.26	4.17	4.92	5.20	4.89	5.03	
Washington	4.27	7.35	6.19	4.50	3.55	4.41	4.20	4.72	
West Virginia	NA	5.83	5.98	4.27	6.08	NA	6.53	7.61	
Wisconsin	3.99	5.38	6.86	4.32	3.89	3.38	3.49	3.91	
Wyoming	3.95	5.52	6.39	3.29	4.53	3.41	3.64	3.92	
Total	4.24	5.74	6.64	3.97	4.08	4.20	4.21	4.56	

See footnotes at end of table.

Table 19. Average citygate price, by state, 2022-2024

dollars per thousand cubic feet – continued

State or district	2024						2023	
	June	May	April	March	February	January	Total	December
Alabama	4.15	2.75	2.55	2.76	3.27	3.96	4.02	3.70
Alaska	9.18	8.96	8.74	8.36	9.06	8.32	8.33	8.32
Arizona	1.98	1.21	1.46	2.53	4.31	5.66	5.01	4.12
Arkansas	5.82	5.14	5.43	4.46	4.68	4.11	5.97	4.08
California	2.63	2.51	2.66	4.23	5.59	4.35	8.69	6.66
Colorado	3.33	2.61	2.57	2.76	4.23	5.09	5.58	3.90
Connecticut	7.78	7.19	4.44	4.11	4.41	4.82	5.82	4.75
Delaware	11.17	8.67	5.90	5.39	4.52	5.01	7.49	4.95
District of Columbia	--	--	--	--	--	--	--	--
Florida	8.86	6.75	6.23	6.02	5.33	6.22	7.26	6.23
Georgia	NA	NA	3.10	NA	3.39	NA	4.67	3.71
Hawaii	24.54	28.09	30.02	28.97	23.79	22.03	28.22	22.59
Idaho	2.46	2.23	2.18	2.85	2.98	3.61	4.46	3.21
Illinois	NA	4.35	3.06	3.38	3.66	5.67	4.04	3.74
Indiana	3.74	2.65	NA	3.78	3.82	5.35	4.45	3.68
Iowa	3.64	3.72	4.26	4.97	4.76	4.66	5.24	4.21
Kansas	5.91	6.27	4.62	5.07	5.35	5.60	6.44	4.78
Kentucky	3.54	NA	2.54	3.15	3.31	3.96	4.06	3.38
Louisiana	3.73	3.09	2.70	3.73	4.10	4.35	4.15	3.97
Maine	5.34	3.78	3.45	NA	9.09	9.64	8.05	6.73
Maryland	NA	6.84	5.01	4.85	4.54	4.89	6.54	4.95
Massachusetts	13.37	9.96	6.43	5.65	5.33	6.31	7.40	5.83
Michigan	NA	3.25	2.72	3.97	4.14	3.96	4.20	3.95
Minnesota	4.23	4.22	4.87	5.17	NA	4.61	5.88	4.16
Mississippi	4.12	3.24	3.09	4.26	4.52	4.59	5.02	4.37
Missouri	3.85	3.44	3.21	3.08	3.73	3.74	4.64	3.59
Montana	2.19	2.36	2.66	3.66	4.03	4.36	4.34	3.53
Nebraska	3.83	2.37	2.25	3.43	5.39	4.38	5.35	3.81
Nevada	3.19	2.52	2.76	2.63	4.41	6.16	9.42	5.29
New Hampshire	9.00	4.06	3.17	3.72	6.70	4.10	5.76	4.25
New Jersey	5.00	3.72	4.75	5.54	5.61	5.00	5.83	5.28
New Mexico	1.88	NA	NA	4.48	4.42	4.69	5.35	4.12
New York	NA	4.88	2.96	3.31	3.37	4.23	4.78	3.75
North Carolina	4.92	2.56	3.00	3.45	2.43	3.78	3.55	2.94
North Dakota	2.55	2.10	2.45	3.67	4.39	5.52	4.50	3.18
Ohio	6.75	NA	NA	NA	3.75	NA	5.13	3.89
Oklahoma	6.26	4.44	3.95	5.91	7.07	6.52	7.07	5.35
Oregon	5.16	4.43	4.05	5.00	5.51	5.58	5.62	5.55
Pennsylvania	4.91	NA	NA	4.19	4.02	4.61	5.27	4.23
Rhode Island	19.19	11.12	6.46	7.14	6.95	7.69	8.90	6.59
South Carolina	6.29	4.55	4.03	NA	4.02	5.00	4.78	4.37
South Dakota	2.92	2.90	2.71	4.79	5.18	5.83	5.30	4.33
Tennessee	3.29	2.72	NA	3.24	NA	4.14	3.81	3.21
Texas	NA	NA	1.88	3.45	4.00	NA	4.27	3.87
Utah	6.86	4.63	4.19	3.22	5.55	6.86	6.59	5.34
Vermont	3.92	4.11	4.13	4.67	4.89	4.98	5.41	5.08
Virginia	4.80	4.53	NA	3.75	4.21	4.73	5.18	4.50
Washington	3.91	3.69	3.51	4.02	5.11	4.50	7.10	5.41
West Virginia	5.84	5.09	4.99	NA	NA	NA	5.55	3.83
Wisconsin	3.46	2.98	3.12	3.78	4.94	4.45	5.31	4.74
Wyoming	2.59	2.58	2.72	2.74	4.31	6.54	5.13	3.18
Total	4.39	3.69	3.35	4.01	4.54	4.77	5.56	4.44

See footnotes at end of table.

Table 19. Average citygate price, by state, 2022-2024

dollars per thousand cubic feet – continued

State or district	2023							
	November	October	September	August	July	June	May	April
Alabama	4.08	3.93	3.79	3.84	4.06	3.65	3.28	3.19
Alaska	8.36	8.35	8.55	8.87	8.92	8.73	8.46	8.22
Arizona	3.85	2.81	2.94	2.84	3.38	2.78	2.27	2.10
Arkansas	4.64	4.70	5.43	5.55	6.30	5.03	5.88	7.07
California	5.97	3.21	4.49	4.78	4.41	3.78	3.95	4.97
Colorado	3.83	4.08	4.58	4.21	4.43	3.55	3.96	3.88
Connecticut	4.51	5.60	7.03	7.19	7.37	7.60	6.87	4.54
Delaware	5.02	7.75	11.67	12.17	12.55	12.27	9.42	9.28
District of Columbia	--	--	--	--	--	--	--	--
Florida	7.83	7.18	6.99	6.69	8.72	6.51	6.47	7.07
Georgia	4.33	4.63	4.77	4.83	4.98	4.40	4.11	3.74
Hawaii	25.00	25.98	33.01	32.85	29.30	36.01	27.42	28.70
Idaho	3.24	3.38	2.89	2.88	2.68	3.34	3.31	3.05
Illinois	3.57	3.70	4.64	4.70	4.25	4.45	2.91	3.34
Indiana	3.26	3.27	3.55	3.87	4.26	3.93	3.26	3.34
Iowa	4.62	3.96	4.37	4.51	4.24	4.16	3.03	5.48
Kansas	4.54	5.26	7.22	5.78	6.83	7.28	6.48	4.82
Kentucky	3.62	3.49	3.56	3.62	3.66	3.05	2.91	3.20
Louisiana	4.31	4.00	3.17	3.07	3.17	2.71	3.13	4.37
Maine	6.24	5.89	7.62	7.74	8.12	5.71	4.30	4.27
Maryland	4.45	5.72	7.09	6.37	9.02	7.36	5.81	5.43
Massachusetts	5.99	8.25	12.08	14.53	13.43	11.73	8.49	5.55
Michigan	3.28	3.06	3.15	3.09	3.28	3.03	3.20	2.92
Minnesota	3.06	2.51	4.33	4.75	4.71	4.70	2.94	6.78
Mississippi	4.60	4.13	4.23	4.04	3.99	3.80	3.69	4.37
Missouri	3.84	3.74	4.59	4.22	4.39	4.05	4.12	4.40
Montana	4.20	3.97	4.18	4.20	4.23	2.93	2.72	3.09
Nebraska	3.96	3.62	4.67	3.74	3.90	3.74	4.04	4.96
Nevada	5.40	4.33	4.57	4.99	4.65	3.80	2.81	5.20
New Hampshire	5.10	7.14	5.72	8.09	8.21	6.52	4.90	2.64
New Jersey	5.28	4.96	4.53	4.57	4.38	4.42	4.24	3.73
New Mexico	3.88	3.85	2.99	3.50	3.29	2.73	2.33	2.57
New York	3.83	4.39	6.09	5.81	6.85	5.99	4.34	3.41
North Carolina	3.04	3.95	4.21	4.30	4.52	4.77	3.48	3.69
North Dakota	5.24	6.09	4.99	4.71	4.55	2.48	1.03	2.80
Ohio	4.57	4.58	6.20	5.67	5.27	5.15	4.72	5.75
Oklahoma	6.09	5.14	5.72	5.45	5.82	5.06	4.34	4.57
Oregon	5.35	5.18	6.16	6.13	6.18	6.26	6.02	5.06
Pennsylvania	4.85	3.99	6.31	5.33	5.92	4.89	4.56	3.93
Rhode Island	5.28	9.35	11.73	13.65	14.57	9.47	9.05	3.73
South Carolina	4.39	4.81	5.13	4.87	5.00	4.81	4.32	4.28
South Dakota	5.69	5.02	5.78	4.78	4.34	3.56	2.56	3.49
Tennessee	3.77	3.52	3.34	3.42	1.92	3.80	4.05	3.78
Texas	3.91	3.46	3.58	3.52	3.56	3.28	3.14	3.78
Utah	4.90	4.78	6.22	6.73	5.14	6.37	3.91	6.15
Vermont	4.97	4.40	5.32	4.56	4.49	4.74	4.97	5.04
Virginia	4.21	4.78	5.19	5.19	4.62	4.64	5.00	4.25
Washington	5.28	4.60	5.66	5.41	4.68	5.23	4.79	4.45
West Virginia	4.13	4.99	5.28	7.60	5.61	5.13	4.85	4.49
Wisconsin	4.29	3.78	4.30	4.47	4.74	4.18	3.43	3.58
Wyoming	4.64	3.76	4.89	4.49	4.03	3.13	2.80	4.24
Total	4.37	4.11	4.90	4.86	4.82	4.54	4.01	4.31

See footnotes at end of table.

Table 19. Average citygate price, by state, 2022-2024

dollars per thousand cubic feet – continued

State or district	2023			2022				
	March	February	January	Total	December	November	October	September
Alabama	4.09	4.22	5.30	6.74	7.25	5.90	6.81	9.56
Alaska	8.13	8.15	8.16	8.12	8.14	8.18	8.22	8.32
Arizona	3.11	5.43	11.86	6.87	9.98	5.94	5.00	8.22
Arkansas	5.87	6.48	7.29	8.11	7.37	7.36	9.33	12.93
California	4.57	11.10	28.61	8.02	11.83	7.08	6.38	9.20
Colorado	4.96	6.57	9.83	6.61	8.65	6.45	6.87	9.45
Connecticut	5.79	5.85	6.61	7.93	7.95	7.48	11.09	13.85
Delaware	7.32	7.64	7.36	7.36	8.02	8.29	8.46	11.87
District of Columbia	--	--	--	--	--	--	--	--
Florida	7.52	7.66	8.35	9.57	9.75	9.26	9.08	11.27
Georgia	4.83	5.40	5.83	7.26	9.14	6.60	8.08	10.52
Hawaii	27.89	26.27	25.94	32.23	23.50	28.56	33.60	35.00
Idaho	3.89	4.15	9.39	4.82	9.69	5.15	3.02	3.06
Illinois	3.52	4.36	5.12	5.86	6.81	6.04	5.08	7.45
Indiana	4.94	5.74	5.88	6.02	7.14	6.66	6.05	8.31
Iowa	6.05	6.86	7.04	6.94	8.23	6.98	6.80	7.68
Kansas	6.12	7.47	8.39	7.66	8.68	7.16	8.14	13.46
Kentucky	4.69	4.88	5.24	6.31	6.88	6.16	6.72	9.67
Louisiana	4.23	5.16	5.66	5.62	6.57	5.56	6.25	7.03
Maine	7.26	11.27	11.66	10.00	11.34	8.82	6.78	10.64
Maryland	7.45	7.90	8.03	7.54	9.07	7.62	9.08	13.49
Massachusetts	5.89	7.31	7.40	9.05	8.98	9.11	11.13	17.49
Michigan	4.92	5.07	5.47	5.09	5.69	5.41	5.18	8.35
Minnesota	7.02	8.36	8.12	6.96	8.81	7.10	6.35	9.88
Mississippi	6.03	6.00	6.65	6.73	7.21	6.42	7.54	10.11
Missouri	4.53	5.51	6.19	5.84	6.55	5.39	5.78	7.79
Montana	4.11	5.60	5.79	5.87	6.58	6.61	5.31	7.00
Nebraska	5.12	7.42	8.09	7.07	7.84	5.94	6.08	9.81
Nevada	5.78	9.23	26.54	9.10	18.15	8.29	6.43	9.28
New Hampshire	5.06	9.90	3.98	9.44	10.88	7.64	7.56	12.99
New Jersey	6.88	6.62	7.54	6.42	6.67	7.05	7.70	7.87
New Mexico	3.86	8.18	9.49	6.85	9.74	6.58	6.38	7.90
New York	4.49	5.53	5.80	6.89	7.95	7.19	7.65	13.25
North Carolina	3.04	3.22	4.26	6.48	6.51	5.03	7.52	11.99
North Dakota	3.91	6.15	6.79	7.11	8.80	9.69	9.70	10.52
Ohio	4.95	5.52	6.49	6.59	7.58	6.58	6.33	8.80
Oklahoma	7.93	8.93	9.28	7.96	8.10	8.43	7.91	11.94
Oregon	5.06	5.63	6.32	5.52	7.75	4.99	5.14	5.52
Pennsylvania	5.76	6.10	6.43	7.27	8.04	8.06	6.80	10.35
Rhode Island	12.00	13.36	6.32	7.71	7.26	6.08	7.94	11.73
South Carolina	4.36	5.02	5.91	8.32	9.76	6.78	8.38	11.31
South Dakota	5.40	6.29	6.99	6.97	8.49	7.81	6.93	9.64
Tennessee	4.10	4.07	5.16	6.03	6.17	5.98	6.72	8.62
Texas	4.29	5.29	6.43	6.82	6.79	6.05	6.27	9.27
Utah	7.07	8.27	8.44	7.12	8.23	7.79	5.96	7.42
Vermont	5.93	6.15	6.67	6.26	7.42	6.82	6.91	7.37
Virginia	4.74	6.07	7.06	7.42	8.28	7.53	8.55	10.91
Washington	4.83	6.72	17.00	6.46	7.88	6.21	5.44	5.96
West Virginia	6.32	6.46	7.18	6.25	7.60	7.00	7.02	11.83
Wisconsin	5.42	6.94	7.89	7.17	8.96	7.20	7.42	11.28
Wyoming	5.12	7.05	7.98	6.77	8.97	7.88	6.40	8.63
Total	5.11	6.57	9.12	6.87	8.11	6.72	6.79	9.69

See footnotes at end of table.

Table 19. Average citygate price, by state, 2022-2024

dollars per thousand cubic feet – continued

State or district	2022							
	August	July	June	May	April	March	February	January
Alabama	10.84	8.92	9.44	8.43	6.33	5.02	5.66	4.42
Alaska	8.33	8.75	8.73	8.34	8.13	8.02	8.02	7.75
Arizona	8.65	6.91	8.38	7.00	5.75	5.24	5.86	5.97
Arkansas	13.09	10.78	11.83	11.71	8.37	6.83	7.77	6.96
California	10.38	7.31	10.07	7.47	6.32	5.86	6.04	7.92
Colorado	9.34	7.96	9.25	7.51	5.56	5.20	5.27	5.45
Connecticut	14.20	12.14	14.24	9.48	8.43	6.17	5.96	4.91
Delaware	13.53	13.55	11.67	9.99	7.45	6.02	5.61	5.09
District of Columbia	--	--	--	--	--	--	--	--
Florida	12.74	10.59	11.00	10.56	9.70	8.41	8.62	6.66
Georgia	12.54	8.25	9.45	7.89	6.36	5.25	4.96	4.98
Hawaii	33.48	36.67	41.71	37.91	32.16	31.73	27.31	25.27
Idaho	2.25	4.03	4.50	5.09	4.34	2.92	3.41	3.34
Illinois	7.99	6.74	7.11	6.18	5.68	6.22	5.35	4.89
Indiana	9.08	8.52	8.58	7.13	6.16	5.07	5.17	4.75
Iowa	7.47	7.29	8.54	8.06	6.32	6.60	6.11	5.89
Kansas	11.62	8.69	10.64	9.39	7.44	6.00	6.66	5.89
Kentucky	9.52	7.41	10.49	9.32	5.70	5.53	5.60	4.33
Louisiana	6.71	5.44	6.33	5.59	5.13	4.69	5.06	4.57
Maine	13.27	11.16	12.62	10.49	7.38	8.27	10.61	10.90
Maryland	12.73	9.97	12.26	10.45	7.05	6.14	6.29	5.26
Massachusetts	19.89	18.96	17.30	14.29	8.42	6.48	6.31	6.98
Michigan	8.53	7.56	9.02	7.92	5.15	4.15	4.58	3.70
Minnesota	9.71	8.16	10.37	7.84	6.14	5.59	6.21	5.90
Mississippi	9.29	8.13	10.30	7.64	6.86	6.14	5.49	4.77
Missouri	7.86	7.02	7.90	6.45	5.13	4.79	5.60	5.11
Montana	9.42	8.01	7.97	6.32	6.19	4.42	5.02	4.70
Nebraska	9.74	7.64	10.31	8.74	7.38	5.80	7.21	6.00
Nevada	9.79	8.19	10.07	8.34	7.43	5.50	6.03	6.84
New Hampshire	12.89	10.36	13.88	10.69	6.82	6.84	10.28	9.89
New Jersey	6.47	6.40	8.03	7.57	6.91	6.67	6.11	4.95
New Mexico	8.66	7.28	8.27	7.57	6.11	5.11	5.63	5.93
New York	13.71	11.48	12.73	9.24	6.42	4.80	5.10	5.49
North Carolina	12.80	10.22	11.96	9.33	6.81	5.28	5.74	4.59
North Dakota	14.53	10.17	10.33	5.65	5.91	4.45	5.87	5.94
Ohio	9.61	9.55	7.94	7.45	5.82	5.85	6.11	5.17
Oklahoma	11.52	10.88	10.82	10.35	6.99	7.00	7.59	7.24
Oregon	6.31	6.65	6.58	6.66	5.41	4.35	4.42	4.21
Pennsylvania	9.63	9.84	10.77	9.06	6.63	6.67	6.65	5.45
Rhode Island	16.44	14.54	10.05	12.08	8.65	5.23	7.53	7.01
South Carolina	12.51	10.30	10.02	9.11	7.39	6.30	6.97	5.36
South Dakota	11.39	10.46	10.41	8.38	5.89	5.23	5.87	5.64
Tennessee	9.52	6.87	8.31	7.36	6.14	4.81	5.80	4.70
Texas	10.09	10.43	9.70	8.58	6.89	5.28	5.48	5.10
Utah	7.43	5.72	6.08	6.59	6.05	6.28	6.98	7.43
Vermont	7.65	6.54	6.99	6.39	5.72	5.40	5.74	5.10
Virginia	11.89	9.60	9.83	8.97	6.89	5.62	6.24	5.16
Washington	5.40	8.03	10.48	8.32	5.90	5.42	5.08	6.05
West Virginia	14.02	9.73	15.23	10.04	4.37	4.42	4.95	3.85
Wisconsin	11.03	8.56	10.53	8.72	6.18	5.10	6.36	5.58
Wyoming	11.76	6.96	8.11	5.67	5.93	5.24	5.68	6.07
Total	10.20	8.79	9.91	8.21	6.32	5.55	5.78	5.48

-- Not applicable.

NA Not available.

Source: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.

Note: Geographic coverage is the 50 states and the District of Columbia. Prices in this table represent the average price of natural gas by state at the point where the gas is transferred from a pipeline to a local distribution company within the state. Prices are in nominal dollars. Appendix A, Explanatory Note 8, contains a discussion of computations and revision policy.

Table 20. Average price of natural gas sold to residential consumers, by state, 2022-2024
dollars per thousand cubic feet

State or district	2024 11-month YTD	2023 11-month YTD	2022 11-month YTD	2024				
				November	October	September	August	July
Alabama	18.98	20.45	17.23	23.38	23.98	25.40	25.86	26.25
Alaska	11.69	11.47	11.17	11.46	11.89	12.93	14.02	14.68
Arizona	21.08	19.45	18.06	17.61	24.90	28.45	29.41	28.76
Arkansas	NA	18.42	16.71	NA	20.63	20.95	21.49	21.14
California	NA	21.91	19.70	19.31	19.54	19.00	18.80	18.06
Colorado	10.66	12.22	12.66	10.05	12.27	15.28	16.48	15.71
Connecticut	NA	19.44	18.29	16.81	21.18	25.94	26.48	25.69
Delaware	14.93	18.52	14.66	16.52	24.67	28.78	31.38	29.53
District of Columbia	17.06	17.29	16.70	17.82	23.94	26.48	30.59	27.80
Florida	NA	25.55	26.60	NA	31.12	33.46	36.04	34.30
Georgia	21.00	20.13	18.89	22.11	30.33	39.99	38.46	38.85
Hawaii	49.31	53.46	58.58	47.13	47.43	45.70	44.85	49.02
Idaho	8.84	10.05	7.83	6.88	9.03	13.19	14.17	18.64
Illinois	11.12	11.89	14.09	10.70	15.84	20.64	20.69	20.72
Indiana	NA	12.06	11.64	11.13	14.85	22.48	21.52	22.66
Iowa	10.74	12.38	13.44	7.83	14.40	19.99	20.57	24.82
Kansas	NA	15.36	14.51	9.65	16.54	25.72	28.83	NA
Kentucky	14.04	16.34	14.60	13.75	18.40	27.52	29.92	28.35
Louisiana	NA	16.58	16.15	NA	22.99	23.73	24.22	24.39
Maine	NA	19.61	20.76	NA	NA	NA	NA	NA
Maryland	16.42	17.86	16.85	18.15	20.87	22.36	25.46	25.54
Massachusetts	21.27	21.31	20.15	20.24	16.59	20.92	21.84	22.01
Michigan	11.13	11.68	11.18	10.18	12.10	16.22	17.70	17.89
Minnesota	NA	12.44	11.97	11.06	14.08	16.16	16.58	16.43
Mississippi	NA	16.30	14.66	NA	22.91	26.33	26.11	27.41
Missouri	17.64	17.45	14.41	18.89	27.50	30.98	31.05	31.10
Montana	8.35	10.38	10.38	7.88	10.16	12.09	13.17	11.18
Nebraska	11.10	13.57	12.90	13.01	18.49	20.25	20.75	20.93
Nevada	19.58	16.61	12.65	14.75	18.87	19.90	20.69	22.70
New Hampshire	18.81	21.37	19.93	17.46	20.60	25.24	26.47	24.24
New Jersey	13.16	13.41	12.18	13.87	15.15	15.78	16.92	16.80
New Mexico	NA	11.91	12.71	9.85	NA	13.87	14.40	13.13
New York	16.78	17.22	16.28	19.61	22.31	23.46	23.29	23.22
North Carolina	NA	18.07	17.39	19.96	21.04	23.89	NA	24.73
North Dakota	9.36	10.18	10.98	8.80	17.89	26.75	28.59	26.74
Ohio	NA	14.32	13.37	13.93	R22.29	39.12	41.20	R39.98
Oklahoma	14.17	15.74	15.26	25.07	31.98	34.92	37.26	33.55
Oregon	15.64	15.73	12.68	15.58	16.61	20.59	21.73	22.09
Pennsylvania	13.86	16.09	14.81	13.93	16.81	22.40	23.99	23.48
Rhode Island	NA	20.77	17.94	NA	NA	NA	27.20	27.38
South Carolina	17.59	18.20	16.43	18.01	18.28	24.92	26.29	24.83
South Dakota	NA	10.72	11.44	7.39	12.94	16.38	NA	18.50
Tennessee	NA	11.98	12.61	15.60	16.40	NA	NA	NA
Texas	NA	17.76	16.65	NA	29.74	31.13	29.62	27.71
Utah	13.62	13.32	10.24	9.73	12.95	12.14	12.62	12.33
Vermont	17.50	17.35	15.40	18.78	22.80	27.62	29.65	28.37
Virginia	15.84	17.94	16.19	16.06	18.81	23.58	24.69	26.70
Washington	NA	15.55	12.76	16.26	17.19	21.98	NA	22.47
West Virginia	NA	16.11	11.95	14.71	19.15	33.96	36.15	37.32
Wisconsin	10.11	11.23	11.14	9.68	10.94	14.04	15.24	16.08
Wyoming	13.04	14.07	13.35	11.40	21.69	28.17	28.42	27.67
Total	14.92	15.77	14.77	14.82	R18.59	22.73	23.46	R22.97

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2024						2023	
	June	May	April	March	February	January	Total	December
Alabama	24.58	21.76	19.42	18.35	16.71	16.69	20.10	18.01
Alaska	14.00	12.01	11.60	11.16	11.00	10.82	11.39	10.93
Arizona	26.27	23.51	20.41	19.05	19.76	19.41	19.44	19.32
Arkansas	19.59	17.08	15.30	17.29	12.66	12.28	17.86	14.35
California	17.13	16.99	17.64	19.65	20.43	NA	21.85	21.30
Colorado	15.14	11.30	10.37	10.02	9.75	9.44	11.88	9.93
Connecticut	23.92	NA	16.27	16.25	15.24	14.39	18.88	15.38
Delaware	24.16	17.77	13.97	12.94	12.26	12.26	17.69	12.98
District of Columbia	23.32	18.41	15.08	16.26	14.82	14.88	16.79	13.62
Florida	31.62	26.13	23.16	22.34	20.79	21.39	25.17	22.09
Georgia	35.27	27.53	19.32	16.22	14.09	13.20	19.03	13.77
Hawaii	50.48	51.22	54.62	56.11	49.26	45.30	53.10	49.24
Idaho	12.42	9.87	9.49	8.43	8.29	8.03	9.75	8.14
Illinois	18.50	16.59	11.49	10.64	10.55	6.54	11.57	9.60
Indiana	20.71	NA	9.62	9.04	9.06	8.20	11.64	9.30
Iowa	18.17	15.61	11.88	10.42	10.30	7.60	11.77	8.14
Kansas	24.49	NA	15.57	11.11	10.64	8.94	14.55	10.07
Kentucky	26.53	22.78	15.29	12.87	11.68	10.10	15.50	11.58
Louisiana	22.41	19.48	18.59	15.50	13.24	11.87	16.22	14.03
Maine	NA	21.63	NA	15.71	16.33	NA	19.10	15.91
Maryland	23.39	18.44	14.77	14.08	15.20	14.52	17.35	14.51
Massachusetts	19.58	21.62	23.08	21.69	21.76	20.74	21.44	22.32
Michigan	16.92	15.42	11.35	10.21	10.08	9.52	11.48	10.12
Minnesota	NA	14.87	11.48	9.76	11.85	8.66	11.95	8.72
Mississippi	25.48	22.19	18.32	14.28	12.08	10.63	15.64	12.28
Missouri	28.63	23.25	17.45	15.83	14.57	14.38	17.17	15.38
Montana	8.93	8.31	7.98	7.84	7.74	8.05	10.17	8.61
Nebraska	18.96	13.89	9.64	9.71	9.03	8.66	13.10	9.69
Nevada	23.13	20.66	19.35	19.87	19.61	19.62	16.97	19.55
New Hampshire	20.64	17.58	17.60	18.53	18.04	18.83	21.02	18.71
New Jersey	15.41	14.01	12.75	12.43	12.22	12.32	13.21	12.08
New Mexico	10.64	9.18	7.91	10.89	9.03	8.85	11.66	10.05
New York	21.38	18.13	15.04	15.46	14.75	14.55	16.90	14.71
North Carolina	25.65	NA	17.65	17.01	14.82	13.44	17.33	14.35
North Dakota	19.04	10.80	7.47	6.87	7.19	6.51	9.76	6.75
Ohio	NA	NA	13.38	10.84	9.87	8.96	13.67	9.94
Oklahoma	26.15	20.27	14.46	12.39	9.17	8.62	15.02	10.11
Oregon	19.57	16.50	15.22	15.47	13.85	14.13	15.77	16.06
Pennsylvania	21.51	17.61	13.68	12.50	12.13	11.71	15.43	11.70
Rhode Island	24.52	21.52	19.82	18.64	18.49	18.66	20.52	18.91
South Carolina	25.97	23.51	19.19	18.99	16.42	13.92	17.46	14.49
South Dakota	13.99	10.63	9.41	8.98	9.02	7.78	10.41	8.17
Tennessee	14.45	12.35	9.40	NA	NA	NA	11.68	10.10
Texas	26.82	26.29	21.27	16.10	13.53	12.39	17.36	14.88
Utah	14.93	14.00	13.90	14.14	14.59	14.26	13.45	14.40
Vermont	25.16	18.28	15.97	15.30	14.86	15.32	17.14	15.67
Virginia	22.92	19.91	15.61	14.92	13.49	13.74	17.21	13.50
Washington	23.27	18.14	16.16	15.66	15.45	15.22	15.55	15.51
West Virginia	33.65	23.05	16.44	NA	NA	NA	15.62	13.00
Wisconsin	14.70	10.65	9.43	9.25	9.83	9.07	10.90	8.92
Wyoming	17.40	13.51	12.14	11.54	10.75	10.08	13.72	11.12
Total	21.09	17.95	14.57	13.79	13.25	11.81	15.39	13.05

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2023							
	November	October	September	August	July	June	May	April
Alabama	20.82	25.34	27.26	27.40	26.57	25.51	22.70	20.10
Alaska	11.16	11.42	12.48	14.31	14.33	13.42	12.04	11.20
Arizona	21.24	25.59	28.79	29.51	27.52	25.44	23.34	19.63
Arkansas	16.75	21.39	23.16	20.66	21.63	20.43	16.84	14.71
California	21.58	19.61	19.48	19.99	18.87	18.34	18.28	19.82
Colorado	10.51	12.00	14.69	15.53	15.34	14.27	12.87	11.32
Connecticut	15.76	20.62	26.81	25.98	25.47	23.91	22.12	19.44
Delaware	16.46	25.36	30.67	32.43	30.04	26.14	20.94	17.65
District of Columbia	16.43	21.19	23.32	24.71	23.00	19.84	18.13	15.29
Florida	25.78	29.70	31.79	33.09	31.31	28.72	26.39	23.21
Georgia	16.61	26.15	34.02	34.61	33.03	30.44	22.70	16.71
Hawaii	49.15	49.98	56.20	58.43	55.09	55.02	52.42	54.71
Idaho	8.70	9.44	14.46	14.48	13.72	14.82	11.65	10.18
Illinois	9.50	14.05	22.74	24.91	22.61	19.10	13.89	10.53
Indiana	9.92	11.97	20.44	23.68	20.86	22.71	14.11	9.99
Iowa	8.58	10.44	16.89	22.34	17.93	17.27	13.63	11.14
Kansas	10.46	14.64	21.79	27.73	27.50	28.00	19.08	17.67
Kentucky	11.50	16.59	27.56	28.64	27.34	25.75	21.35	16.68
Louisiana	15.94	20.84	23.01	23.35	21.59	19.57	17.82	16.27
Maine	15.28	21.55	29.67	30.50	30.63	21.06	18.54	18.73
Maryland	14.04	19.07	23.76	24.79	23.74	21.12	17.47	16.04
Massachusetts	17.23	16.56	19.27	20.26	19.02	18.33	20.19	21.43
Michigan	10.14	11.50	15.66	16.09	16.26	15.26	12.77	11.25
Minnesota	7.71	8.51	15.78	15.43	18.15	18.16	18.35	12.52
Mississippi	13.22	19.42	23.98	25.33	23.13	21.77	21.87	15.89
Missouri	17.95	24.89	29.75	31.21	30.51	27.12	20.96	16.94
Montana	8.74	10.77	13.61	14.03	11.92	11.25	9.82	9.76
Nebraska	11.34	18.56	22.29	22.37	21.16	19.32	13.84	11.49
Nevada	21.56	24.63	26.55	27.38	23.81	20.40	18.85	15.32
New Hampshire	22.10	27.36	30.04	33.17	31.88	24.45	18.83	15.58
New Jersey	12.84	14.47	16.03	16.80	15.99	14.88	13.92	12.90
New Mexico	12.46	17.50	17.74	17.35	16.04	13.90	9.73	5.53
New York	16.30	20.00	21.00	22.72	21.77	19.73	16.72	15.83
North Carolina	15.17	22.00	25.85	25.71	28.02	24.66	17.82	17.35
North Dakota	7.47	13.64	23.58	25.16	25.35	19.12	9.95	8.07
Ohio	11.56	19.66	35.70	37.66	35.30	31.80	17.79	12.74
Oklahoma	16.12	29.44	32.78	34.39	30.50	24.33	16.58	15.59
Oregon	15.64	16.38	20.56	22.61	23.04	20.75	21.57	15.91
Pennsylvania	12.31	15.51	22.08	24.23	23.29	21.41	16.88	15.11
Rhode Island	21.09	24.59	26.94	27.18	25.90	23.90	21.94	20.10
South Carolina	14.12	19.39	23.85	26.57	25.82	23.51	19.95	17.30
South Dakota	7.52	9.67	15.57	18.05	16.20	14.21	11.09	9.42
Tennessee	12.75	17.02	18.38	19.56	19.17	16.60	12.75	9.78
Texas	16.86	24.14	29.28	31.22	28.03	24.81	23.69	17.39
Utah	14.29	15.59	16.11	16.89	15.86	15.99	14.16	12.99
Vermont	17.34	22.67	27.18	27.75	26.78	22.12	18.31	16.08
Virginia	13.87	15.27	23.88	25.66	24.24	21.95	20.73	17.86
Washington	15.22	16.87	19.02	22.21	22.68	19.88	18.45	15.37
West Virginia	13.93	19.33	30.61	36.33	36.02	31.25	21.01	16.44
Wisconsin	8.79	9.63	14.28	16.68	16.34	14.22	9.17	7.41
Wyoming	12.45	17.53	23.97	25.16	21.36	19.14	14.65	13.15
Total	13.49	16.86	22.06	23.44	22.22	20.33	16.89	14.56

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2023			2022				
	March	February	January	Total	December	November	October	September
Alabama	19.92	18.77	17.76	17.36	18.23	19.75	23.51	26.11
Alaska	10.84	10.82	10.76	11.08	10.57	10.78	11.18	12.26
Arizona	17.69	16.61	16.03	17.81	16.40	17.44	22.55	26.37
Arkansas	20.83	16.92	19.07	16.95	18.35	20.51	23.79	26.27
California	19.32	27.14	26.58	20.15	22.65	20.24	20.47	21.56
Colorado	10.77	12.09	13.28	12.72	13.02	15.54	17.64	21.76
Connecticut	18.22	17.86	19.47	18.36	18.79	20.15	22.83	28.94
Delaware	17.29	16.84	16.35	15.00	16.99	18.89	20.91	28.53
District of Columbia	13.53	17.64	17.47	16.68	16.53	17.62	23.56	28.04
Florida	23.41	22.55	20.96	26.34	23.91	26.88	32.47	36.18
Georgia	16.90	15.56	15.06	18.06	13.96	16.21	25.47	37.32
Hawaii	52.44	56.13	48.51	57.46	45.96	55.14	62.05	59.66
Idaho	9.72	9.92	8.90	7.97	8.67	8.34	9.62	11.56
Illinois	9.18	10.71	11.18	13.80	12.24	16.31	20.73	28.00
Indiana	10.30	11.84	11.56	11.60	11.40	11.51	13.67	18.49
Iowa	11.59	13.22	12.71	13.04	11.07	9.81	12.66	20.30
Kansas	15.46	13.72	14.23	14.36	13.70	13.77	18.79	30.75
Kentucky	13.92	15.30	16.30	14.58	14.47	15.61	19.71	30.04
Louisiana	13.69	14.10	15.12	15.89	14.38	16.42	21.38	26.59
Maine	18.55	19.26	19.75	20.73	20.54	21.07	23.48	33.36
Maryland	15.46	19.03	18.79	16.97	17.60	18.42	20.50	29.00
Massachusetts	21.93	23.41	23.17	20.45	22.63	21.58	21.25	24.16
Michigan	10.74	11.45	11.64	11.31	12.03	12.42	13.64	17.26
Minnesota	11.73	13.65	12.87	12.12	12.92	11.29	13.42	20.79
Mississippi	14.28	14.60	14.80	14.55	13.97	15.54	20.31	26.93
Missouri	15.96	15.34	14.25	14.29	13.62	15.18	21.15	27.51
Montana	10.22	10.75	10.55	10.42	10.64	11.67	14.23	16.37
Nebraska	11.60	13.45	13.39	12.83	12.46	13.68	20.29	27.32
Nevada	13.71	13.66	13.62	12.72	13.10	14.95	17.67	18.63
New Hampshire	16.86	22.33	23.98	20.51	24.85	26.93	29.67	35.10
New Jersey	11.62	13.22	13.88	12.53	14.41	15.11	15.38	15.65
New Mexico	9.60	12.18	15.11	12.51	11.39	13.15	20.20	23.47
New York	15.92	16.59	17.23	16.34	16.73	19.26	21.91	28.20
North Carolina	15.47	17.29	18.76	17.20	16.53	20.60	21.72	25.10
North Dakota	8.37	9.70	10.00	10.90	10.50	11.07	19.15	30.62
Ohio	10.95	10.76	11.21	13.07	11.55	13.64	18.78	32.46
Oklahoma	13.82	13.00	12.13	14.78	12.16	21.00	33.97	36.92
Oregon	13.88	13.60	14.61	12.83	13.51	13.18	14.52	17.78
Pennsylvania	15.26	16.38	16.22	14.94	15.61	17.00	18.33	24.56
Rhode Island	19.39	19.41	19.53	18.17	20.03	20.16	21.40	23.93
South Carolina	15.38	19.20	18.24	15.67	12.82	16.50	18.31	26.30
South Dakota	9.92	11.67	11.16	10.99	9.01	9.35	12.65	17.11
Tennessee	9.40	11.13	11.42	12.45	11.64	14.54	19.25	22.99
Texas	13.97	13.52	15.52	16.52	15.77	16.85	26.14	31.43
Utah	12.67	12.19	12.48	10.48	11.78	11.07	13.03	13.06
Vermont	15.23	15.05	15.95	15.51	16.35	18.85	20.19	26.52
Virginia	15.43	18.70	18.43	16.10	15.65	17.00	19.82	25.95
Washington	14.06	14.00	14.06	12.83	13.15	12.85	13.64	17.23
West Virginia	13.76	13.83	13.24	12.08	12.71	11.70	12.84	18.26
Wisconsin	11.63	11.98	12.72	11.34	12.37	11.11	11.41	19.40
Wyoming	12.77	13.01	12.99	13.40	13.64	15.80	21.00	26.58
Total	13.90	15.18	15.44	14.75	14.66	15.56	18.62	24.52

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2022							
	August	July	June	May	April	March	February	January
Alabama	25.49	25.05	24.10	20.56	17.17	15.34	14.40	15.11
Alaska	13.31	14.27	14.25	11.99	11.09	10.66	10.59	10.28
Arizona	26.86	26.23	24.17	21.75	18.40	15.93	15.25	15.00
Arkansas	27.20	25.91	22.54	19.34	14.98	14.51	14.34	16.00
California	21.53	20.17	21.60	19.45	18.25	18.30	18.77	19.89
Colorado	22.23	22.26	16.07	13.71	11.80	10.16	9.83	9.59
Connecticut	31.68	28.63	26.33	20.84	17.66	16.30	15.60	15.20
Delaware	29.66	27.37	23.55	16.63	13.75	12.59	12.05	12.14
District of Columbia	29.96	27.16	24.66	19.42	16.80	14.78	13.58	13.75
Florida	36.45	32.59	30.13	26.76	24.84	23.53	21.24	22.33
Georgia	32.21	39.82	33.37	24.80	16.90	15.09	12.22	13.31
Hawaii	58.45	63.79	65.60	64.54	55.30	57.92	53.88	50.50
Idaho	9.81	10.66	9.59	8.02	7.43	7.36	6.92	6.78
Illinois	31.33	31.77	24.91	19.15	12.57	11.79	10.06	10.21
Indiana	23.13	23.74	21.20	14.04	11.91	10.84	9.74	9.25
Iowa	21.58	20.40	22.99	20.06	14.06	15.36	12.97	10.80
Kansas	32.01	30.46	31.52	21.76	14.22	13.04	11.62	11.08
Kentucky	33.71	31.34	28.19	23.21	13.38	13.20	11.43	10.75
Louisiana	28.36	25.47	25.69	22.52	17.19	12.48	13.16	11.24
Maine	40.38	36.54	30.62	23.56	20.08	18.86	18.15	18.10
Maryland	30.93	30.11	26.79	20.34	16.61	14.70	14.47	13.35
Massachusetts	25.24	24.75	22.06	21.22	22.17	19.58	18.91	18.05
Michigan	19.40	17.23	16.20	15.04	11.35	10.14	9.49	8.76
Minnesota	22.63	19.50	20.97	16.35	11.36	10.90	10.72	10.06
Mississippi	27.74	25.68	25.33	24.34	15.16	12.37	10.87	11.07
Missouri	29.76	28.04	24.40	17.16	13.55	12.47	11.85	12.07
Montana	17.29	15.59	12.81	10.56	9.53	9.23	9.09	9.18
Nebraska	26.90	26.55	21.64	14.31	11.30	10.28	10.84	10.71
Nevada	18.83	17.47	15.71	14.29	12.85	10.83	10.31	9.87
New Hampshire	31.44	27.55	23.59	21.37	19.58	16.87	16.39	18.54
New Jersey	16.44	16.31	14.53	12.37	11.50	11.31	10.80	11.03
New Mexico	23.38	23.30	22.08	15.67	10.90	10.07	9.88	10.70
New York	26.14	26.19	24.56	17.59	14.82	14.13	13.07	13.82
North Carolina	26.03	30.40	27.16	26.43	17.83	18.93	14.71	13.61
North Dakota	33.34	30.38	20.23	11.75	9.24	8.37	8.65	8.70
Ohio	37.36	36.88	33.65	19.35	12.26	10.52	9.43	9.05
Oklahoma	38.46	32.03	26.46	21.72	15.36	11.38	10.53	11.14
Oregon	18.98	18.57	15.52	13.41	11.99	11.92	10.91	11.16
Pennsylvania	26.89	23.39	21.27	16.26	13.81	13.38	12.94	12.55
Rhode Island	24.76	23.31	21.43	18.55	17.50	16.98	16.40	16.48
South Carolina	26.85	28.61	29.14	27.77	18.52	17.34	15.60	11.24
South Dakota	18.19	18.38	16.40	12.36	9.75	10.97	11.64	10.79
Tennessee	19.93	26.20	24.08	16.06	11.35	11.66	10.12	10.47
Texas	33.19	29.15	27.34	24.75	17.17	12.88	11.80	13.51
Utah	13.07	11.82	10.33	9.44	9.85	9.68	9.81	9.82
Vermont	27.47	24.39	21.82	16.12	14.27	13.37	12.99	12.83
Virginia	27.87	26.86	25.06	19.40	21.44	14.32	13.27	12.70
Washington	18.46	17.85	15.15	12.84	11.91	12.12	11.77	11.66
West Virginia	23.17	22.09	21.00	15.23	11.70	11.05	10.65	10.67
Wisconsin	21.23	19.11	19.44	14.59	10.07	8.64	10.53	9.67
Wyoming	28.31	24.65	16.54	13.10	12.06	11.08	11.04	10.93
Total	25.39	24.57	22.41	17.68	13.97	12.94	12.15	12.04

^R Revised data.

^{NA} Not available.

Source: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*, and Form EIA-910, *Monthly Natural Gas Marketer Survey*.

Note: Geographic coverage is the 50 states and the District of Columbia. Average prices for gas delivered to residential consumers reflect onsystem sales prices, with the following exception: Residential price data are based on total gas deliveries in the states of Georgia, New York and Ohio only. Published prices are considered to be total prices paid by end-users per thousand cubic feet of natural gas in the respective sectors, inclusive of all tax, delivery, commodity, demand and other charges. Prices are in nominal dollars. Appendix A, Explanatory Note 8, contains a discussion of computations and revision policy. Table 24 displays data on onsystem sales expressed as a percentage of total residential, total commercial, and total industrial deliveries.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2022-2024

dollars per thousand cubic feet

State or district	2024	2023	2022						2024
	11-month YTD	11-month YTD	11-month YTD	November	October	September	August	July	
Alabama	14.19	15.15	13.46	14.47	14.17	14.27	14.29	14.68	
Alaska	10.63	10.49	10.16	10.82	10.90	11.29	11.68	11.54	
Arizona	12.48	12.07	10.79	10.20	12.00	12.47	12.37	12.43	
Arkansas	10.17	12.87	12.75	12.55	9.26	9.62	9.56	9.43	
California	13.71	17.29	15.77	13.84	13.34	13.23	13.31	12.68	
Colorado	8.71	10.60	11.29	8.25	9.29	10.37	10.98	10.68	
Connecticut	10.61	12.79	12.73	9.99	11.77	12.83	11.84	12.44	
Delaware	11.18	15.00	12.01	12.05	13.64	13.49	14.88	14.71	
District of Columbia	14.12	14.57	15.00	14.85	14.49	14.51	15.03	15.77	
Florida	NA	13.56	14.36	NA	11.50	11.51	11.65	11.86	
Georgia	9.25	10.92	11.41	9.65	9.59	8.81	9.15	9.45	
Hawaii	37.03	40.24	45.07	35.35	35.33	33.28	33.27	36.01	
Idaho	7.47	8.98	6.89	6.01	6.83	8.54	8.91	10.17	
Illinois	9.31	10.19	12.38	9.97	13.53	16.14	16.08	15.96	
Indiana	7.78	9.13	9.43	8.15	8.81	10.73	10.89	11.03	
Iowa	7.70	9.68	11.25	5.99	7.10	8.94	9.25	11.04	
Kansas	NA	12.90	12.26	8.22	12.36	15.68	16.21	16.00	
Kentucky	10.29	12.48	12.03	10.37	11.54	13.75	15.06	14.62	
Louisiana	10.75	10.88	12.98	9.43	11.30	10.80	10.59	11.21	
Maine	NA	15.61	16.31	12.33	12.02	NA	16.80	18.05	
Maryland	13.50	14.30	13.91	14.76	13.80	14.63	15.15	15.08	
Massachusetts	NA	15.57	15.26	14.10	NA	NA	11.19	11.74	
Michigan	9.57	10.08	9.82	9.00	10.15	12.26	12.85	13.61	
Minnesota	8.20	10.76	10.47	8.39	8.92	9.33	9.78	10.28	
Mississippi	NA	11.82	12.08	NA	12.13	11.53	11.06	11.71	
Missouri	12.53	13.29	11.20	12.27	14.29	14.57	15.73	15.78	
Montana	8.03	9.92	10.17	7.55	9.35	10.51	11.00	10.52	
Nebraska	7.41	10.43	10.18	7.60	7.25	7.73	7.86	8.17	
Nevada	14.43	13.49	9.19	9.24	10.39	10.62	10.85	13.61	
New Hampshire	13.49	16.28	15.79	12.05	13.25	16.72	18.32	16.93	
New Jersey	NA	11.22	12.90	12.14	11.40	NA	NA	NA	
New Mexico	6.22	9.32	10.41	6.49	5.93	5.93	6.27	5.05	
New York	NA	9.63	10.16	10.85	NA	8.38	NA	9.16	
North Carolina	NA	11.27	12.20	9.68	10.33	NA	NA	9.82	
North Dakota	6.33	8.16	9.47	6.68	7.21	7.79	7.62	7.92	
Ohio	NA	7.97	8.38	7.82	8.77	10.30	9.73	10.11	
Oklahoma	9.79	12.19	11.91	14.54	16.60	17.30	17.70	16.04	
Oregon	11.54	12.24	9.99	12.00	12.07	13.22	13.30	13.51	
Pennsylvania	NA	13.60	12.10	10.36	11.66	13.39	13.41	13.18	
Rhode Island	NA	17.69	15.08	NA	NA	22.83	22.03	22.61	
South Carolina	NA	11.55	12.37	NA	9.88	10.59	10.25	10.53	
South Dakota	6.89	8.44	9.49	5.41	7.03	7.79	8.29	8.87	
Tennessee	NA	10.46	11.52	10.85	9.46	NA	NA	NA	
Texas	NA	10.14	11.47	NA	10.72	10.09	9.77	9.81	
Utah	11.93	11.69	8.61	8.09	9.03	8.63	8.92	11.38	
Vermont	6.54	7.55	8.57	6.55	5.63	5.32	5.02	5.43	
Virginia	9.58	10.97	11.38	9.87	9.55	10.00	10.23	10.57	
Washington	NA	12.72	10.42	13.85	14.60	16.15	NA	15.88	
West Virginia	NA	12.76	9.39	10.85	12.69	14.27	15.06	15.05	
Wisconsin	7.20	8.59	9.24	7.57	6.31	5.67	6.62	7.44	
Wyoming	8.94	11.47	10.87	7.28	8.39	10.01	10.42	9.80	
Total	10.14	11.23	11.22	10.16	R10.52	10.92	10.85	11.15	

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2024						2023	
	June	May	April	March	February	January	Total	December
Alabama	14.64	14.29	14.23	14.31	13.92	13.94	15.02	14.05
Alaska	11.38	10.59	10.39	10.22	10.22	10.17	10.47	10.36
Arizona	12.42	12.38	12.31	12.55	13.41	13.49	12.18	13.17
Arkansas	9.61	9.27	9.43	11.38	10.17	10.14	12.53	10.02
California	11.60	11.35	12.42	15.40	16.56	14.74	17.21	16.40
Colorado	10.42	8.55	8.21	8.41	8.60	8.13	10.34	8.67
Connecticut	12.40	12.19	10.45	10.06	9.57	9.44	12.39	9.54
Delaware	13.19	11.82	10.77	10.30	9.96	9.93	14.40	10.36
District of Columbia	14.94	13.72	13.30	14.73	13.80	13.30	14.27	12.03
Florida	11.70	11.49	11.28	11.39	11.56	14.17	13.54	13.36
Georgia	8.60	8.47	8.83	8.77	9.41	9.66	10.74	9.79
Hawaii	36.97	39.08	42.59	43.24	37.53	34.21	39.97	37.02
Idaho	8.83	8.07	8.01	7.54	7.52	7.29	8.75	7.39
Illinois	15.14	13.42	9.48	8.52	8.43	5.83	9.91	8.16
Indiana	10.11	9.76	7.74	6.68	7.09	6.55	8.88	7.38
Iowa	9.07	9.86	8.73	8.30	8.41	6.17	9.25	6.39
Kansas	14.65	NA	10.73	9.05	8.79	8.02	12.31	8.60
Kentucky	14.18	12.35	10.84	9.82	9.03	8.40	11.95	9.08
Louisiana	10.66	9.78	10.12	10.90	11.19	11.54	10.94	11.45
Maine	NA	14.99	13.57	12.69	13.67	12.85	15.30	13.24
Maryland	16.34	13.17	11.99	13.24	13.56	12.48	14.03	12.28
Massachusetts	NA	15.64	16.41	15.94	16.10	15.49	15.70	16.58
Michigan	12.52	11.69	9.69	9.05	9.03	8.55	9.94	8.98
Minnesota	8.84	7.50	7.05	7.85	8.39	8.14	10.33	7.33
Mississippi	11.44	11.26	11.09	10.78	10.77	10.11	11.70	10.88
Missouri	15.39	13.84	12.56	11.61	11.64	11.54	13.18	12.32
Montana	8.54	7.99	7.71	7.55	7.49	7.77	9.70	8.12
Nebraska	7.41	6.61	6.66	7.55	7.61	7.47	10.13	7.92
Nevada	15.39	14.77	15.28	17.15	16.18	16.13	13.79	16.08
New Hampshire	14.65	12.97	12.65	13.03	13.13	13.92	16.04	14.42
New Jersey	10.53	9.43	8.46	9.69	10.04	10.34	11.14	10.63
New Mexico	4.28	5.03	5.75	5.17	7.45	7.49	9.19	8.27
New York	9.85	10.01	10.65	10.56	10.93	10.79	9.64	9.74
North Carolina	9.72	10.04	10.35	10.82	10.14	9.73	11.17	10.60
North Dakota	6.77	5.87	5.47	5.84	6.53	6.07	7.87	5.79
Ohio	NA	NA	7.07	6.70	6.59	6.47	7.84	6.91
Oklahoma	14.24	11.45	10.14	9.45	7.40	7.00	11.67	7.85
Oregon	12.55	11.91	10.68	11.64	10.09	11.14	12.22	12.13
Pennsylvania	12.89	11.58	10.42	10.32	NA	9.76	13.04	9.67
Rhode Island	19.79	17.21	16.08	15.36	15.28	15.24	17.37	15.24
South Carolina	10.71	9.96	10.56	11.10	10.96	10.10	11.48	10.98
South Dakota	6.97	6.92	6.97	6.98	7.44	6.37	8.18	6.35
Tennessee	8.45	7.34	7.34	NA	NA	NA	10.35	9.58
Texas	9.75	9.77	9.56	9.03	9.02	8.96	10.06	9.44
Utah	13.14	11.95	12.39	12.71	13.08	12.88	11.85	12.96
Vermont	5.46	7.44	6.42	6.95	7.51	7.42	7.51	7.19
Virginia	10.42	9.75	9.18	9.15	9.02	9.67	10.79	9.37
Washington	14.41	14.20	13.38	13.38	13.50	13.17	12.79	13.28
West Virginia	15.58	13.99	12.60	NA	NA	NA	12.51	11.08
Wisconsin	6.72	5.16	6.86	7.26	7.97	7.50	8.45	7.38
Wyoming	9.36	9.15	9.12	9.08	9.02	8.72	11.23	9.36
Total	10.77	10.41	9.97	10.02	10.03	9.49	11.07	9.93

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2023							
	November	October	September	August	July	June	May	April
Alabama	14.67	15.34	15.70	15.79	15.81	15.59	15.37	15.06
Alaska	10.49	10.64	11.03	11.45	11.70	11.46	10.60	10.22
Arizona	13.26	12.24	13.60	12.75	12.41	12.47	12.57	11.79
Arkansas	10.65	9.13	9.75	10.03	10.61	10.26	10.96	11.00
California	16.26	13.52	14.26	14.42	13.24	12.57	12.36	14.73
Colorado	9.03	10.14	11.05	10.64	11.15	11.30	10.39	9.69
Connecticut	10.13	12.32	12.85	12.51	12.89	13.27	13.98	12.94
Delaware	12.64	16.33	17.06	17.67	17.04	16.08	15.20	14.62
District of Columbia	16.06	13.30	13.54	13.73	14.04	13.36	13.45	13.51
Florida	13.55	13.70	13.60	13.51	13.77	13.60	13.48	13.32
Georgia	11.29	9.99	10.03	10.08	10.49	9.64	9.52	9.71
Hawaii	35.90	36.42	43.41	44.02	40.33	40.93	39.55	42.06
Idaho	7.75	7.85	10.29	10.41	10.32	10.76	10.12	9.35
Illinois	8.10	10.76	16.30	16.86	16.36	15.45	12.13	9.19
Indiana	7.39	7.21	9.71	11.70	10.91	11.13	9.25	8.22
Iowa	6.73	6.22	8.19	9.07	8.97	8.33	9.11	8.88
Kansas	8.99	11.05	16.43	15.69	15.56	15.73	16.53	14.19
Kentucky	9.36	10.91	12.84	14.43	14.55	14.95	13.45	12.79
Louisiana	11.23	10.70	10.06	10.05	9.85	9.69	9.50	11.29
Maine	11.93	12.66	14.97	14.28	16.23	12.26	13.24	15.40
Maryland	11.15	12.45	13.53	13.92	14.03	12.88	12.23	12.54
Massachusetts	12.19	10.22	10.61	11.37	12.43	11.84	14.29	16.20
Michigan	8.91	9.34	11.61	12.03	11.95	11.46	10.49	9.83
Minnesota	6.39	8.60	10.19	10.16	11.47	11.68	15.45	10.72
Mississippi	10.75	10.89	10.74	11.94	11.45	11.63	10.24	11.42
Missouri	13.45	15.19	15.79	16.32	16.70	15.50	13.89	12.89
Montana	8.02	10.22	11.50	11.82	10.34	10.05	9.30	9.42
Nebraska	7.94	8.46	8.96	9.11	8.81	8.52	8.18	8.73
Nevada	16.74	17.76	18.41	18.95	16.32	14.45	14.17	12.29
New Hampshire	16.90	19.51	22.44	24.24	23.76	19.63	14.38	10.93
New Jersey	11.65	10.96	10.66	11.21	10.95	10.80	9.49	8.85
New Mexico	8.78	9.53	6.71	6.62	6.01	5.52	4.87	3.57
New York	8.70	8.43	7.09	7.20	7.13	7.55	8.15	9.74
North Carolina	10.22	10.27	10.23	10.33	9.44	11.89	9.74	10.96
North Dakota	5.76	6.31	7.57	7.76	7.86	7.33	6.52	6.98
Ohio	7.10	7.65	9.39	9.58	9.29	9.09	8.13	7.56
Oklahoma	11.51	16.34	17.59	17.62	16.99	14.79	11.60	12.35
Oregon	11.62	13.23	13.85	13.80	14.10	13.32	13.50	12.06
Pennsylvania	9.73	11.08	13.23	14.59	14.83	14.39	12.12	14.96
Rhode Island	17.64	21.56	23.29	23.65	22.77	20.67	18.00	16.59
South Carolina	9.83	10.37	10.64	10.80	10.84	10.70	10.21	11.41
South Dakota	5.57	5.94	7.72	9.36	7.77	7.52	7.72	7.83
Tennessee	11.32	11.02	10.48	11.03	10.14	9.29	8.81	8.61
Texas	9.65	10.04	10.18	10.59	10.15	9.26	9.54	9.38
Utah	12.51	12.71	12.74	13.00	12.71	12.81	12.18	11.90
Vermont	6.95	5.72	6.24	5.90	5.84	7.06	7.54	7.59
Virginia	8.85	8.47	10.12	10.15	10.39	9.90	10.13	10.25
Washington	12.82	13.14	13.41	13.64	14.22	13.24	14.01	12.05
West Virginia	11.27	14.34	15.92	16.35	15.93	16.04	14.82	13.26
Wisconsin	6.75	6.03	7.55	7.43	7.58	6.84	5.53	5.25
Wyoming	9.63	10.64	11.91	12.07	11.72	12.19	11.73	11.56
Total	9.77	10.19	11.01	11.21	10.99	10.82	10.58	10.54

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2023			2022				
	March	February	January	Total	December	November	October	September
Alabama	15.33	15.09	14.54	13.57	14.42	15.55	15.98	15.19
Alaska	10.13	10.08	10.14	10.13	9.95	10.08	10.33	10.76
Arizona	11.76	11.23	11.04	10.81	11.01	11.12	11.91	11.87
Arkansas	16.07	13.38	15.70	12.89	13.77	15.20	13.62	14.01
California	19.06	24.36	24.41	16.13	18.80	15.59	15.49	17.28
Colorado	9.49	10.84	12.50	11.38	11.82	13.78	15.26	16.70
Connecticut	12.69	13.01	13.82	12.85	13.70	14.02	16.03	16.95
Delaware	15.02	14.71	14.57	12.37	14.88	14.38	14.20	15.20
District of Columbia	12.15	16.51	16.31	15.05	15.37	15.43	18.32	19.15
Florida	13.14	13.70	13.82	14.30	13.74	13.90	16.24	16.50
Georgia	10.67	11.26	12.98	11.40	11.34	13.20	12.89	14.87
Hawaii	39.76	44.55	36.91	44.12	33.80	39.75	46.32	45.90
Idaho	9.11	9.40	8.39	7.10	8.15	7.79	7.82	8.35
Illinois	8.30	9.66	10.11	12.20	11.22	14.55	17.49	21.71
Indiana	8.24	10.14	10.16	9.50	9.86	9.59	10.30	11.41
Iowa	9.90	11.70	11.38	11.09	10.20	8.63	9.64	12.96
Kansas	13.06	12.50	13.03	12.33	12.65	12.39	15.82	21.22
Kentucky	11.66	12.66	13.83	12.17	12.90	13.56	15.65	18.01
Louisiana	9.78	12.36	13.09	12.99	13.02	13.00	14.16	15.03
Maine	16.27	17.26	17.62	16.57	18.39	17.36	16.77	20.55
Maryland	13.74	16.94	16.77	14.12	15.37	15.31	15.78	19.04
Massachusetts	16.28	18.25	18.04	15.56	17.72	16.94	16.20	15.57
Michigan	9.60	10.09	10.65	10.00	11.04	11.32	12.22	14.37
Minnesota	10.60	12.09	11.74	10.59	11.23	9.66	11.18	15.49
Mississippi	11.59	12.76	13.70	12.20	12.98	13.22	14.18	15.35
Missouri	12.95	12.53	12.00	11.25	11.59	12.12	13.38	14.49
Montana	9.94	10.47	10.36	10.22	10.47	11.34	13.32	14.27
Nebraska	10.33	12.19	12.50	10.31	11.07	10.52	12.80	15.03
Nevada	10.76	11.89	11.08	9.39	10.60	11.22	10.95	10.70
New Hampshire	12.76	17.43	18.64	16.24	19.75	21.27	23.05	25.84
New Jersey	10.28	11.38	13.73	13.08	14.13	14.31	14.76	15.48
New Mexico	8.37	14.17	13.46	10.34	9.92	11.41	13.75	13.90
New York	11.11	11.31	11.86	10.31	11.51	10.52	11.20	12.75
North Carolina	10.18	12.23	14.40	12.35	13.12	15.28	14.34	12.56
North Dakota	8.12	9.70	10.20	9.62	10.51	9.90	11.46	13.95
Ohio	7.41	7.84	8.24	8.39	8.45	8.67	10.66	12.37
Oklahoma	11.75	11.48	10.66	11.67	10.23	15.80	21.49	22.34
Oregon	12.15	10.27	12.65	10.33	12.07	11.79	10.45	11.17
Pennsylvania	13.40	15.94	14.48	12.27	13.23	13.75	12.89	17.33
Rhode Island	16.48	16.85	16.70	15.29	16.87	16.99	18.48	20.66
South Carolina	10.67	13.23	15.34	12.15	10.78	12.09	11.96	14.68
South Dakota	8.37	10.10	9.89	9.25	8.15	8.11	9.38	10.46
Tennessee	9.06	11.40	11.86	11.53	11.58	13.13	14.55	15.00
Texas	8.88	10.62	11.89	11.56	12.21	11.79	13.82	14.94
Utah	11.46	11.03	11.10	8.92	10.58	9.61	9.64	9.63
Vermont	8.31	8.74	9.51	8.73	10.09	8.94	8.75	9.63
Virginia	9.68	12.97	13.91	11.54	12.59	12.96	13.32	13.74
Washington	12.54	12.12	12.32	10.63	11.81	11.13	10.33	11.31
West Virginia	11.98	11.93	11.74	9.71	11.46	9.32	9.66	10.95
Wisconsin	9.94	10.31	11.08	9.55	11.30	9.39	8.77	13.03
Wyoming	11.45	11.70	11.76	11.07	12.29	13.28	14.43	14.96
Total	11.07	12.14	12.60	11.32	11.97	11.89	12.85	14.55

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2022							
	August	July	June	May	April	March	February	January
Alabama	14.84	14.51	14.37	13.68	13.19	12.63	12.33	12.12
Alaska	11.33	11.68	11.50	10.47	9.98	9.83	9.74	9.61
Arizona	11.68	11.61	11.48	11.07	10.57	10.13	9.87	9.83
Arkansas	14.82	14.15	13.25	12.97	12.25	11.87	11.80	12.82
California	17.06	15.64	17.24	14.75	14.15	15.00	15.17	16.87
Colorado	15.45	16.40	12.42	11.29	10.57	9.36	9.18	9.06
Connecticut	16.99	16.16	15.43	13.99	11.68	11.01	10.58	10.49
Delaware	15.99	15.50	14.70	13.04	11.65	10.71	10.52	10.52
District of Columbia	18.81	18.05	18.44	16.21	15.36	13.69	12.81	12.91
Florida	16.05	14.37	14.06	13.69	13.49	13.60	13.60	13.62
Georgia	13.33	14.25	12.85	11.48	10.74	10.57	9.84	9.51
Hawaii	44.71	49.43	51.66	50.06	43.94	44.83	41.08	37.67
Idaho	7.77	7.55	7.28	6.80	6.54	6.53	6.21	6.22
Illinois	24.50	24.52	21.49	16.83	11.77	10.36	9.11	9.28
Indiana	14.40	13.75	12.23	10.46	9.68	9.10	8.53	8.00
Iowa	11.51	11.99	14.31	15.32	12.02	13.43	11.54	9.84
Kansas	17.97	20.62	17.94	15.08	11.34	11.41	10.42	10.10
Kentucky	19.20	18.62	16.84	15.69	10.78	10.78	9.72	9.28
Louisiana	16.59	14.54	15.11	14.38	12.09	10.57	11.90	11.04
Maine	21.87	20.09	19.43	17.68	15.94	15.58	14.77	15.49
Maryland	19.90	18.97	17.58	15.80	13.70	12.25	12.52	11.30
Massachusetts	14.42	16.91	15.61	16.26	17.22	14.97	14.20	14.09
Michigan	14.44	13.38	13.40	12.12	9.66	9.09	8.52	7.94
Minnesota	16.28	13.86	15.47	13.43	9.66	9.37	9.39	9.85
Mississippi	14.40	13.53	14.08	14.52	12.22	10.17	10.50	10.24
Missouri	14.91	14.75	13.58	11.83	10.69	10.02	10.10	10.33
Montana	14.53	14.43	12.15	10.38	9.35	9.13	8.96	9.10
Nebraska	13.66	14.32	12.85	9.84	8.81	8.99	9.72	9.58
Nevada	10.83	10.54	10.15	9.65	9.15	7.99	7.95	7.70
New Hampshire	23.01	20.64	17.51	18.23	15.81	13.13	12.80	14.68
New Jersey	15.25	14.85	16.67	13.50	11.60	12.54	12.36	11.76
New Mexico	13.80	14.34	13.61	10.61	8.75	8.69	8.89	9.61
New York	10.71	10.34	10.97	9.97	9.48	9.61	9.75	9.70
North Carolina	12.78	12.93	15.02	10.67	10.73	12.11	11.66	10.43
North Dakota	14.45	11.28	12.27	9.40	8.30	8.28	8.95	8.96
Ohio	12.48	11.19	9.88	10.24	8.15	7.45	7.07	6.93
Oklahoma	22.69	20.60	17.29	13.97	12.34	9.61	9.04	9.40
Oregon	11.62	11.74	11.03	10.22	9.64	8.97	8.66	8.99
Pennsylvania	16.06	14.47	15.37	12.12	11.78	11.19	11.30	10.60
Rhode Island	21.14	20.20	18.18	15.37	14.32	14.17	13.71	13.77
South Carolina	13.46	13.11	14.59	12.53	11.75	11.62	15.71	9.33
South Dakota	11.07	11.81	11.17	9.88	7.97	9.32	10.15	9.52
Tennessee	13.12	16.57	14.61	12.56	9.77	10.45	9.57	10.02
Texas	14.72	13.15	13.27	12.84	11.25	9.97	9.48	9.18
Utah	9.23	8.58	8.04	7.75	8.38	8.48	8.56	8.53
Vermont	9.56	8.40	9.42	8.99	8.22	8.04	8.60	7.64
Virginia	13.57	13.77	13.17	11.91	10.26	9.94	10.44	9.76
Washington	10.98	11.20	10.25	10.09	9.94	9.96	9.97	10.54
West Virginia	11.77	11.48	11.60	10.51	9.27	9.07	8.83	8.88
Wisconsin	13.10	12.53	12.19	10.85	8.72	7.29	9.53	8.67
Wyoming	15.28	14.36	11.83	10.44	10.07	9.61	9.54	9.56
Total	14.14	13.51	13.44	12.09	10.61	10.22	10.04	9.78

^R Revised data.

^{NA} Not available.

Source: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*, and Form EIA-910, *Monthly Natural Gas Marketer Survey*.

Note: Geographic coverage is the 50 states and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices, with the following exception: Commercial price data are based on total gas deliveries in the states of Georgia, New York and Ohio only. Published prices are considered to be total prices paid by end-users per thousand cubic feet of natural gas in the respective sectors, inclusive of all tax, delivery, commodity, demand and other charges. Prices are in nominal dollars. Appendix A, Explanatory Note 8, contains a discussion of computations and revision policy. Table 24 displays data on onsystem sales expressed as a percentage of total residential, total commercial, and total industrial deliveries.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2022-2024

dollars per thousand cubic feet

State or district	2024	2023	2022						2024
	11-month YTD	11-month YTD	11-month YTD	November	October	September	August	July	
Alabama	NA	4.54	7.90	NA	4.08	3.85	3.60	3.86	
Alaska	6.29	6.50	6.71	7.00	6.38	5.81	5.65	5.74	
Arizona	5.40	6.85	7.55	4.28	5.16	4.69	4.67	5.30	
Arkansas	7.57	9.51	10.34	7.91	6.29	5.99	6.23	6.56	
California	NA	14.09	13.39	11.31	10.71	10.50	10.46	9.87	
Colorado	7.76	8.72	10.13	6.91	8.03	8.64	9.78	9.34	
Connecticut	6.74	8.85	10.15	6.57	6.84	6.33	6.18	5.75	
Delaware	NA	14.00	11.74	9.88	12.31	NA	21.44	17.85	
District of Columbia	--	--	--	--	--	--	--	--	
Florida	NA	7.03	9.41	NA	4.83	5.81	6.43	4.53	
Georgia	4.59	5.40	8.94	5.26	5.10	4.52	4.31	4.91	
Hawaii	28.60	28.42	34.82	27.27	26.58	25.85	27.16	27.32	
Idaho	5.19	6.81	4.91	4.16	4.23	5.28	5.32	5.40	
Illinois	NA	7.65	9.07	6.29	7.21	9.55	9.34	8.00	
Indiana	5.50	7.04	8.14	5.30	5.17	6.23	6.03	6.67	
Iowa	5.44	7.19	8.59	5.28	4.77	4.62	4.97	5.95	
Kansas	NA	5.55	8.32	5.62	4.12	3.09	3.39	3.19	
Kentucky	3.25	4.51	7.77	3.65	3.55	2.90	2.93	3.28	
Louisiana	3.11	3.85	7.37	3.41	3.70	3.17	2.83	3.27	
Maine	NA	10.34	12.58	9.69	5.22	5.09	4.86	6.02	
Maryland	NA	13.55	11.87	NA	10.71	8.99	NA	NA	
Massachusetts	12.88	13.02	14.08	12.30	8.49	8.84	9.05	9.64	
Michigan	7.82	8.65	8.63	7.32	7.38	8.10	7.97	8.75	
Minnesota	4.44	6.29	8.31	5.22	4.81	4.09	3.76	4.08	
Mississippi	3.97	5.58	8.33	4.37	4.38	3.90	3.76	4.00	
Missouri	8.18	9.67	9.77	7.32	7.15	6.76	8.14	6.90	
Montana	6.31	8.00	9.07	5.94	5.93	6.12	6.20	6.54	
Nebraska	4.30	6.17	8.04	4.16	3.72	3.74	4.21	3.93	
Nevada	11.16	11.60	8.27	6.88	7.78	8.42	8.19	10.94	
New Hampshire	9.15	13.36	12.78	6.47	4.27	4.70	6.49	5.69	
New Jersey	7.58	9.32	11.32	9.28	7.13	6.27	7.11	7.30	
New Mexico	NA	4.90	9.68	4.68	2.81	2.99	3.10	1.85	
New York	NA	10.32	10.70	8.85	NA	7.01	NA	11.78	
North Carolina	5.43	6.76	9.14	5.47	5.02	5.06	4.92	4.96	
North Dakota	2.10	3.34	6.67	2.23	2.11	1.64	1.70	2.13	
Ohio	NA	7.75	10.77	8.94	8.03	9.01	8.34	7.77	
Oklahoma	2.75	3.30	7.39	3.51	3.74	2.13	2.11	2.56	
Oregon	NA	8.03	6.10	NA	7.20	7.35	7.28	7.30	
Pennsylvania	9.23	12.02	10.92	9.47	9.89	10.00	9.77	9.54	
Rhode Island	NA	12.94	10.77	NA	NA	NA	12.72	12.26	
South Carolina	4.86	5.11	8.89	5.07	4.71	4.50	4.15	4.97	
South Dakota	4.31	6.45	7.60	3.98	4.38	5.09	4.64	4.41	
Tennessee	NA	5.52	7.98	4.80	4.56	3.90	NA	4.25	
Texas	2.20	2.47	6.64	2.22	2.58	2.11	1.88	2.49	
Utah	NA	9.99	7.70	6.06	5.59	5.53	5.59	7.95	
Vermont	4.48	5.75	6.54	4.27	4.08	5.43	3.95	4.26	
Virginia	4.32	5.17	7.54	4.24	4.22	4.10	4.11	4.26	
Washington	NA	11.39	9.37	12.94	13.34	12.87	12.92	NA	
West Virginia	NA	4.13	5.91	3.12	3.97	3.57	3.51	4.38	
Wisconsin	5.53	6.99	8.26	5.93	4.28	3.67	3.44	4.69	
Wyoming	5.56	6.77	8.29	2.90	3.14	3.57	3.64	4.63	
Total	3.77	4.53	7.65	3.92	3.84	3.28	3.10	3.54	

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2022-2024

dollars per thousand cubic feet – continued

State or district	2024						2023	
	June	May	April	March	February	January	Total	December
Alabama	4.43	3.27	2.94	2.96	4.03	5.11	4.53	4.52
Alaska	5.62	5.31	5.85	6.82	6.77	6.96	6.53	6.71
Arizona	5.04	4.62	4.99	6.21	7.50	7.43	6.94	7.74
Arkansas	6.11	5.91	7.38	9.71	9.19	9.51	9.45	8.94
California	9.07	9.11	NA	13.19	14.35	13.29	14.07	13.77
Colorado	8.86	7.36	7.10	6.97	9.34	6.35	8.49	6.98
Connecticut	5.70	7.01	7.22	6.96	6.76	8.07	8.68	7.19
Delaware	17.71	13.09	11.74	10.86	9.99	10.18	13.71	10.90
District of Columbia	--	--	--	--	--	--	--	--
Florida	3.28	3.90	4.50	5.27	5.18	3.14	7.17	8.75
Georgia	4.87	3.84	3.87	4.05	4.87	4.98	5.36	4.95
Hawaii	28.28	30.19	31.85	31.59	29.36	28.19	28.48	29.44
Idaho	5.38	5.42	5.52	5.45	5.50	5.51	6.65	5.39
Illinois	7.89	7.30	6.68	6.61	NA	5.04	7.49	6.33
Indiana	6.43	5.20	4.40	4.93	5.85	5.72	6.81	5.11
Iowa	4.75	4.78	5.61	5.82	6.78	5.54	7.06	5.98
Kansas	3.07	2.69	3.21	4.98	NA	NA	5.56	5.88
Kentucky	3.06	2.56	2.55	2.91	3.93	4.01	4.49	4.33
Louisiana	3.16	2.43	2.47	2.60	3.76	3.59	3.85	3.89
Maine	6.16	7.52	NA	9.47	10.87	10.93	10.45	11.34
Maryland	12.42	11.21	11.07	13.04	14.57	12.07	13.32	11.87
Massachusetts	9.54	13.68	15.25	14.60	15.46	14.41	13.28	15.67
Michigan	8.82	8.56	7.85	7.88	7.88	7.52	8.50	7.27
Minnesota	3.57	3.54	3.83	4.03	5.15	5.14	6.18	5.25
Mississippi	3.66	3.46	3.20	3.30	4.60	4.82	5.56	5.32
Missouri	6.47	7.63	7.99	9.27	9.37	8.95	9.59	8.93
Montana	6.01	6.11	6.03	6.45	6.64	6.80	7.88	6.84
Nebraska	3.20	3.20	3.98	5.14	5.09	5.52	6.11	5.55
Nevada	12.23	11.77	12.60	13.56	12.77	12.89	11.74	12.93
New Hampshire	6.16	8.39	9.95	10.62	10.69	11.92	13.26	12.16
New Jersey	6.73	6.24	6.30	7.90	7.28	8.63	9.21	8.53
New Mexico	NA	2.80	4.42	3.09	6.74	7.67	5.05	6.86
New York	NA	11.10	12.41	13.05	14.27	13.20	10.40	11.11
North Carolina	5.40	4.82	5.19	5.61	6.00	6.40	6.71	6.29
North Dakota	1.85	1.49	1.59	1.84	3.43	3.74	3.29	2.88
Ohio	NA	7.19	6.16	7.02	NA	NA	7.74	7.73
Oklahoma	2.23	1.79	1.93	2.25	4.49	4.04	3.32	3.53
Oregon	7.18	7.10	6.03	7.42	NA	7.55	7.98	7.48
Pennsylvania	9.81	8.78	9.10	9.21	9.09	8.93	11.77	9.93
Rhode Island	12.72	12.02	12.19	11.41	10.97	11.47	12.76	11.10
South Carolina	6.26	4.02	4.10	4.36	5.26	5.93	5.16	5.75
South Dakota	3.42	3.81	3.81	4.57	4.71	4.48	6.14	4.40
Tennessee	3.96	3.24	3.52	NA	NA	NA	5.51	5.40
Texas	2.49	1.74	1.56	1.61	2.48	3.10	2.47	2.40
Utah	8.39	8.25	NA	8.27	9.65	8.94	9.99	9.97
Vermont	4.28	4.04	4.31	4.51	4.97	5.06	5.69	5.02
Virginia	3.87	4.34	4.35	4.72	4.20	4.91	5.05	4.23
Washington	NA	NA	11.07	12.18	11.62	11.38	11.38	11.29
West Virginia	4.29	NA	NA	4.28	5.38	5.52	4.25	5.65
Wisconsin	5.70	4.17	5.78	5.83	6.95	6.27	6.86	5.99
Wyoming	4.33	6.32	6.26	6.00	6.09	6.09	6.53	4.60
Total	3.62	3.10	3.36	3.70	4.72	4.95	4.53	4.48

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2023							
	November	October	September	August	July	June	May	April
Alabama	4.67	4.50	4.41	4.32	4.54	3.94	3.81	3.96
Alaska	6.92	6.50	6.33	6.40	6.18	6.15	6.40	6.02
Arizona	6.78	7.26	7.57	5.51	6.82	6.58	6.49	6.09
Arkansas	8.55	7.61	7.43	7.95	8.38	7.88	8.60	8.86
California	13.32	10.36	11.06	11.39	10.18	9.79	9.80	12.26
Colorado	7.51	9.21	8.81	10.59	9.44	9.84	8.34	7.20
Connecticut	7.06	7.45	7.93	6.49	6.86	9.12	7.95	9.02
Delaware	14.24	15.72	23.10	22.72	21.18	23.24	14.53	14.53
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.04	6.75	6.09	6.52	6.37	5.82	5.51	6.13
Georgia	5.25	5.04	4.67	4.69	5.94	4.52	4.50	4.83
Hawaii	30.00	31.60	31.78	28.82	27.71	27.33	28.71	29.54
Idaho	5.32	5.20	7.35	7.30	7.38	7.50	7.58	7.33
Illinois	5.76	6.95	9.78	8.47	7.70	8.66	6.84	6.66
Indiana	4.59	7.45	5.96	6.34	6.90	6.51	6.47	6.18
Iowa	5.67	4.99	5.29	6.26	6.47	6.18	6.13	6.38
Kansas	4.92	5.10	4.86	4.93	5.34	5.37	4.79	5.21
Kentucky	4.61	3.96	3.73	3.61	3.74	3.25	3.34	3.88
Louisiana	4.14	3.99	3.92	3.77	3.76	2.80	3.07	3.00
Maine	11.02	6.28	6.02	5.99	5.53	6.57	7.01	11.55
Maryland	9.84	9.40	12.22	13.02	12.85	11.14	9.93	10.15
Massachusetts	10.62	8.06	8.37	10.87	8.87	9.25	11.83	14.72
Michigan	7.58	7.91	8.26	8.08	8.17	8.33	8.24	8.50
Minnesota	4.74	4.57	5.03	4.90	3.87	3.37	5.45	6.22
Mississippi	5.16	4.89	4.87	5.12	6.30	4.64	4.72	4.75
Missouri	8.60	8.42	8.08	7.94	7.71	7.92	8.62	9.62
Montana	6.39	7.28	7.41	6.30	7.45	7.06	7.07	8.20
Nebraska	4.74	4.64	4.76	4.72	4.34	4.25	4.17	5.33
Nevada	13.53	14.33	13.94	14.03	12.70	12.14	12.06	10.39
New Hampshire	14.20	11.70	13.08	15.59	16.24	8.86	6.81	15.05
New Jersey	8.28	7.48	6.88	6.79	7.17	6.74	7.15	7.46
New Mexico	6.24	5.90	2.50	2.15	1.88	1.94	1.94	4.98
New York	9.09	8.85	7.66	6.74	7.13	8.18	8.39	9.86
North Carolina	6.03	5.76	5.71	5.65	5.55	5.71	5.70	6.50
North Dakota	2.84	2.81	2.82	2.25	2.26	2.01	1.91	2.33
Ohio	8.44	7.72	6.94	6.62	7.03	6.97	7.42	6.38
Oklahoma	3.49	2.78	2.61	2.55	2.76	2.09	2.18	2.39
Oregon	7.83	8.40	8.21	8.31	8.28	8.22	8.27	8.23
Pennsylvania	9.67	9.84	10.41	10.70	10.49	9.23	10.66	11.86
Rhode Island	12.37	13.27	13.12	14.52	13.12	12.89	12.77	12.87
South Carolina	5.60	5.09	4.82	4.82	4.99	4.22	4.30	4.23
South Dakota	3.97	4.76	5.35	6.00	5.90	5.27	5.36	5.32
Tennessee	5.54	4.86	4.79	4.74	4.82	4.36	4.54	4.99
Texas	2.58	2.46	2.42	2.46	2.51	2.13	1.90	1.89
Utah	9.45	8.86	9.39	9.64	9.40	8.89	8.75	9.78
Vermont	5.01	4.61	6.60	5.49	5.21	4.94	4.93	5.07
Virginia	4.23	4.73	3.70	3.82	4.39	3.42	4.56	5.84
Washington	11.19	11.76	10.91	11.20	11.11	11.45	11.29	12.12
West Virginia	4.76	5.08	5.05	4.42	4.43	0.93	4.12	4.37
Wisconsin	5.10	4.28	5.83	5.08	4.78	5.57	4.34	4.82
Wyoming	4.60	4.73	5.89	6.01	5.95	6.84	6.90	6.83
Total	4.35	4.05	3.81	3.80	3.84	3.52	3.54	4.04

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2023			2022				
	March	February	January	Total	December	November	October	September
Alabama	4.25	5.09	6.24	7.87	7.65	6.60	7.36	10.14
Alaska	6.53	6.65	6.78	6.72	6.74	6.79	6.52	5.97
Arizona	6.45	7.49	7.84	7.48	6.92	6.54	8.32	7.98
Arkansas	12.08	11.91	12.34	10.46	11.50	11.30	10.09	10.43
California	16.87	23.20	22.74	13.73	16.96	13.61	13.28	14.61
Colorado	7.11	7.71	11.58	10.12	10.03	12.66	14.56	14.23
Connecticut	10.74	11.19	11.53	10.37	11.87	11.17	11.42	12.28
Delaware	14.33	13.95	11.99	12.05	14.51	14.72	12.58	13.75
District of Columbia	--	--	--	--	--	--	--	--
Florida	8.42	8.50	10.94	9.38	9.01	9.51	11.87	11.82
Georgia	5.39	6.43	7.62	8.97	9.35	8.03	9.52	12.35
Hawaii	30.94	20.36	29.64	34.62	31.63	30.07	38.79	33.91
Idaho	7.31	7.36	6.24	5.06	6.28	5.75	5.88	6.00
Illinois	6.54	8.02	9.62	9.17	9.94	12.45	13.69	15.00
Indiana	7.06	8.55	8.20	8.42	10.30	8.65	9.74	8.61
Iowa	7.88	10.11	11.21	8.66	9.25	7.80	8.19	9.53
Kansas	7.45	11.35	12.22	8.36	9.92	8.48	9.06	9.67
Kentucky	4.74	5.67	7.69	7.84	8.58	7.37	8.39	10.68
Louisiana	3.51	4.49	5.84	7.18	5.19	7.48	10.48	9.58
Maine	13.51	14.68	14.76	12.93	15.41	15.35	12.31	14.10
Maryland	14.58	16.95	16.60	12.22	15.23	12.86	12.46	14.87
Massachusetts	14.88	16.30	16.45	14.41	17.52	16.19	14.85	13.35
Michigan	8.44	9.30	9.68	8.82	10.22	10.21	10.92	10.30
Minnesota	6.74	9.10	9.95	8.41	9.17	7.45	7.71	10.58
Mississippi	5.13	5.47	9.58	8.34	8.49	7.38	8.46	10.43
Missouri	11.08	11.03	11.11	9.81	10.08	9.68	10.69	11.35
Montana	8.42	9.47	9.51	9.14	9.65	10.74	11.21	10.63
Nebraska	7.74	9.37	9.92	8.02	7.81	7.77	9.86	10.22
Nevada	8.50	8.87	12.02	8.23	8.01	8.91	9.63	9.64
New Hampshire	11.41	16.46	16.96	13.19	15.20	16.10	16.36	15.97
New Jersey	8.74	9.93	12.63	11.46	12.28	12.16	12.55	13.44
New Mexico	8.11	15.03	11.68	9.62	8.64	10.61	11.00	11.06
New York	11.60	12.84	12.95	10.88	12.56	11.55	11.68	11.76
North Carolina	6.76	8.18	10.61	9.27	10.23	10.67	10.44	9.60
North Dakota	4.09	5.71	7.05	6.75	8.04	5.76	5.47	8.33
Ohio	7.54	8.38	9.06	10.87	11.70	11.65	12.59	13.54
Oklahoma	3.16	4.45	7.32	7.38	7.30	4.96	5.78	9.29
Oregon	8.27	5.96	8.57	6.34	8.62	8.16	6.29	7.33
Pennsylvania	12.67	13.55	13.31	11.17	12.94	13.14	12.86	12.49
Rhode Island	12.60	12.82	13.00	10.99	12.75	11.32	10.36	10.72
South Carolina	4.87	4.76	8.15	8.92	9.37	7.51	8.84	12.32
South Dakota	7.29	8.83	8.95	7.49	6.60	6.68	8.96	11.12
Tennessee	6.23	7.01	7.83	8.00	8.15	7.31	8.30	10.53
Texas	2.24	2.60	4.07	6.61	6.27	4.82	5.57	8.87
Utah	11.49	10.56	12.80	7.97	10.65	8.18	7.71	8.69
Vermont	6.56	6.83	7.32	6.69	8.19	7.01	7.39	6.92
Virginia	5.85	6.18	8.65	7.53	7.40	7.08	6.93	9.39
Washington	11.23	11.30	11.44	9.61	11.20	10.28	9.06	9.14
West Virginia	4.84	5.39	6.64	6.02	7.21	4.75	4.99	7.63
Wisconsin	8.81	9.91	10.06	8.55	10.63	9.75	7.00	11.44
Wyoming	7.19	7.20	7.25	8.60	10.95	10.80	10.72	10.98
Total	5.00	5.95	7.18	7.69	8.08	6.76	7.18	9.62

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2022-2024

dollars per thousand cubic feet – continued

State or district	2022							
	August	July	June	May	April	March	February	January
Alabama	12.02	9.67	9.31	8.63	6.95	5.71	6.58	5.38
Alaska	6.54	6.66	6.77	6.75	6.69	6.89	6.89	6.92
Arizona	7.85	7.66	7.20	6.87	6.59	7.34	7.63	9.39
Arkansas	10.61	10.77	9.93	9.86	10.02	10.36	9.73	10.59
California	14.36	13.37	14.20	12.27	11.70	12.93	13.04	14.32
Colorado	13.84	13.65	11.19	10.08	8.30	7.31	7.00	6.80
Connecticut	11.25	10.34	10.92	10.47	9.34	8.73	9.17	8.78
Delaware	12.03	15.20	14.93	13.35	11.63	11.00	10.08	10.53
District of Columbia	--	--	--	--	--	--	--	--
Florida	10.76	13.04	9.37	8.87	7.61	8.20	6.64	7.99
Georgia	12.87	9.53	10.55	8.62	7.11	6.70	7.87	6.55
Hawaii	34.88	39.17	41.31	37.96	35.42	32.53	30.84	27.90
Idaho	5.97	4.53	4.39	4.44	4.36	4.44	4.29	4.24
Illinois	15.97	14.64	13.32	8.95	7.59	7.73	7.13	7.92
Indiana	7.50	8.03	7.73	8.65	8.78	7.87	7.59	7.71
Iowa	8.19	7.85	9.19	8.92	8.58	9.42	8.76	8.42
Kansas	8.50	8.50	8.85	7.47	6.26	6.70	8.25	7.82
Kentucky	10.07	7.84	9.64	8.15	6.30	5.98	7.30	5.64
Louisiana	7.06	9.10	8.05	6.09	5.44	6.97	5.02	6.20
Maine	11.81	11.56	12.62	10.76	12.28	12.34	12.25	12.26
Maryland	15.26	15.44	11.87	12.23	11.29	10.46	12.00	10.22
Massachusetts	14.34	15.35	14.24	14.92	14.79	13.57	13.11	12.82
Michigan	9.65	10.08	9.87	10.06	8.03	7.99	7.63	7.21
Minnesota	10.49	8.83	11.80	9.13	7.22	6.93	7.74	7.84
Mississippi	10.97	8.32	9.91	9.04	7.07	6.23	7.99	6.27
Missouri	10.57	11.10	10.68	10.11	9.17	9.38	9.29	8.86
Montana	11.18	10.75	9.56	8.58	7.98	8.13	8.08	8.22
Nebraska	8.37	10.46	8.88	6.67	6.20	7.27	7.43	7.14
Nevada	9.43	8.99	8.84	8.58	8.05	7.22	6.99	6.92
New Hampshire	12.52	11.54	10.62	13.41	13.13	11.62	11.67	13.41
New Jersey	12.32	12.66	13.82	12.43	9.86	10.92	10.89	11.15
New Mexico	10.32	11.43	10.88	7.88	6.99	7.61	8.22	8.59
New York	11.46	10.86	11.71	10.59	10.05	10.16	10.20	10.69
North Carolina	10.52	9.12	9.36	7.89	7.82	8.28	8.66	8.27
North Dakota	8.44	6.63	8.35	7.27	5.42	5.09	6.06	6.50
Ohio	13.08	11.46	14.05	12.34	11.23	8.85	8.68	7.81
Oklahoma	8.41	7.28	9.49	7.58	5.79	6.06	8.88	8.01
Oregon	7.23	6.52	6.54	6.36	6.10	4.35	4.43	4.54
Pennsylvania	12.49	12.05	10.94	10.27	9.88	10.39	10.28	10.35
Rhode Island	11.42	11.22	10.92	10.97	10.87	10.45	10.52	10.44
South Carolina	12.22	9.04	10.42	8.36	7.01	7.19	7.69	7.10
South Dakota	10.39	10.48	5.21	6.50	5.60	7.71	8.50	8.37
Tennessee	9.78	8.63	10.05	8.32	6.81	6.31	7.15	6.19
Texas	8.62	6.87	8.96	7.57	5.78	4.70	6.34	4.90
Utah	8.27	7.27	7.97	7.40	7.10	7.03	7.28	8.14
Vermont	7.21	6.64	7.31	6.73	5.97	5.71	6.32	5.56
Virginia	8.32	9.02	10.29	9.12	6.59	6.22	6.25	5.88
Washington	8.96	9.26	8.44	8.95	9.61	9.44	9.96	9.05
West Virginia	7.74	6.22	7.87	6.44	4.82	4.69	6.35	4.31
Wisconsin	12.29	6.54	8.18	10.07	8.05	6.27	8.61	7.67
Wyoming	11.10	9.83	8.31	8.33	8.16	7.59	7.53	7.58
Total	9.44	7.89	9.34	8.11	6.70	6.20	7.34	6.49

-- Not applicable.

NA Not available.

Source: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.**Note:** Geographic coverage is the 50 states and the District of Columbia. Average prices for gas delivered to industrial consumers reflect onsystem sales prices only.

Published prices are considered to be total prices paid by end-users per thousand cubic feet of natural gas in the respective sectors, inclusive of all tax, delivery, commodity, demand and other charges. Prices are in nominal dollars. Appendix A, Explanatory Note 8, contains a discussion of computations and revision policy. Table 24 displays data on onsystem sales expressed as a percentage of total residential, total commercial, and total industrial deliveries.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2022-2024
dollars per thousand cubic feet

State or district	2024	2023	2022	2024				
	11-month YTD	11-month YTD	11-month YTD	November	October	September	August	July
Alabama	W	W	7.74	W	W	W	W	W
Alaska	8.18	7.93	6.20	7.94	8.20	8.21	8.19	8.16
Arizona	W	W	7.90	W	W	W	W	W
Arkansas	W	W	7.10	2.34	W	W	W	W
California	W	W	8.50	3.88	3.99	W	3.48	3.70
Colorado	W	W	7.40	W	W	W	W	W
Connecticut	W	W	8.71	2.57	2.04	1.97	1.81	2.29
Delaware	--	--	6.49	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	W	W	8.41	W	W	W	W	W
Georgia	W	W	8.07	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--	--
Idaho	2.63	6.42	4.81	2.69	2.45	1.85	1.81	2.14
Illinois	W	W	6.62	W	2.20	2.11	1.86	1.92
Indiana	2.55	W	6.60	2.40	2.32	2.42	2.32	2.54
Iowa	2.66	3.17	6.62	2.14	2.58	2.69	2.67	2.87
Kansas	2.63	3.05	7.10	2.43	2.83	2.26	2.39	2.55
Kentucky	W	W	6.79	W	W	W	W	W
Louisiana	W	W	7.24	W	W	W	W	W
Maine	W	W	12.16	W	W	--	W	W
Maryland	W	W	8.08	W	W	W	W	W
Massachusetts	W	W	10.97	W	2.13	2.08	1.99	2.42
Michigan	W	2.83	6.86	W	2.51	2.40	2.13	2.15
Minnesota	W	W	7.73	W	W	W	W	W
Mississippi	W	W	6.61	W	W	2.39	W	W
Missouri	W	W	17.26	W	W	W	W	W
Montana	1.36	2.49	4.81	1.37	1.12	0.40	0.53	1.16
Nebraska	4.13	3.20	8.82	5.33	2.99	3.11	2.61	2.66
Nevada	2.99	7.65	6.72	3.66	2.83	2.36	2.57	2.84
New Hampshire	W	W	10.80	W	W	W	W	W
New Jersey	2.24	2.10	6.94	2.02	1.75	1.68	1.67	1.71
New Mexico	0.98	2.72	4.61	0.58	1.28	0.15	-0.18	0.44
New York	2.61	2.98	7.14	2.74	2.17	2.13	1.89	2.24
North Carolina	W	W	7.07	W	W	W	W	W
North Dakota	3.06	3.75	3.31	3.15	3.30	3.16	2.75	2.68
Ohio	2.24	2.31	6.44	2.34	2.20	2.01	1.91	2.13
Oklahoma	W	W	7.48	W	W	W	W	W
Oregon	W	W	4.32	W	W	W	W	W
Pennsylvania	2.00	2.14	6.18	2.10	1.82	1.73	1.75	1.80
Rhode Island	W	W	8.27	W	W	W	W	W
South Carolina	3.61	4.04	6.51	3.44	3.11	3.34	3.07	3.38
South Dakota	2.51	2.88	4.83	2.88	2.69	2.37	2.24	2.33
Tennessee	2.54	2.75	5.82	2.53	2.80	2.19	2.02	2.45
Texas	2.11	2.59	6.74	2.02	2.12	2.05	1.76	2.02
Utah	3.20	8.36	7.87	3.57	2.77	2.15	2.51	2.98
Vermont	--	--	--	--	--	--	--	--
Virginia	2.87	3.38	7.22	3.06	2.67	2.32	2.32	2.46
Washington	W	W	5.73	W	W	W	W	W
West Virginia	W	W	6.68	W	W	W	W	W
Wisconsin	2.77	W	5.73	3.02	2.60	2.39	2.56	2.58
Wyoming	W	W	7.84	3.01	2.42	W	W	W
Total	2.77	3.50	7.21	2.75	2.71	2.46	2.31	2.59

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2024						2023	
	June	May	April	March	February	January	Total	December
Alabama	W	W	W	W	W	W	W	W
Alaska	8.24	8.16	8.17	8.18	8.18	8.28	8.17	8.36
Arizona	W	W	W	W	W	W	4.41	3.53
Arkansas	W	W	W	W	W	W	W	W
California	3.24	W	3.22	W	4.59	6.46	W	5.37
Colorado	W	W	W	W	W	W	W	W
Connecticut	2.24	1.79	1.71	W	W	W	3.79	4.07
Delaware	--	--	--	--	--	--	W	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--	--
Idaho	1.80	1.88	1.66	1.83	2.88	6.86	6.63	3.76
Illinois	2.09	1.92	1.62	1.66	1.74	6.74	W	W
Indiana	2.52	2.52	1.80	1.89	2.37	4.87	3.07	W
Iowa	2.86	2.21	2.06	2.08	2.32	3.76	3.11	2.23
Kansas	3.12	1.96	2.08	1.86	2.21	6.73	3.12	3.20
Kentucky	W	W	W	2.45	3.84	W	W	W
Louisiana	W	W	W	W	W	W	W	W
Maine	W	--	--	--	--	W	W	W
Maryland	W	2.79	1.90	W	W	W	W	W
Massachusetts	2.25	1.74	1.68	7.54	10.78	12.83	7.53	8.99
Michigan	2.40	2.18	1.97	2.02	2.23	4.14	2.81	2.68
Minnesota	W	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W	W
Montana	0.67	1.06	1.09	1.42	1.40	4.09	2.41	1.53
Nebraska	2.99	3.09	3.46	8.79	7.40	9.67	3.15	5.63
Nevada	2.16	2.05	2.36	2.55	4.89	4.61	7.57	5.85
New Hampshire	W	W	W	W	--	W	W	W
New Jersey	1.93	1.72	1.54	1.74	1.96	6.46	2.12	2.32
New Mexico	0.86	0.19	0.32	0.76	2.21	3.93	2.68	2.34
New York	2.42	2.10	2.11	2.38	3.09	5.77	3.02	3.28
North Carolina	W	W	W	W	W	W	W	W
North Dakota	3.16	3.00	3.44	3.09	2.62	3.57	3.61	3.57
Ohio	2.16	2.10	1.78	1.94	2.13	3.76	2.31	2.34
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	1.91	1.74	1.63	1.55	1.91	4.19	2.14	2.23
Rhode Island	W	W	W	W	W	W	W	W
South Carolina	4.09	3.54	3.38	2.97	3.44	6.35	4.06	4.54
South Dakota	2.63	2.25	1.96	2.20	2.47	3.49	2.87	2.94
Tennessee	2.66	2.34	2.19	2.01	2.78	3.88	2.79	2.91
Texas	2.25	1.78	1.50	1.59	1.97	4.03	2.58	2.41
Utah	2.31	2.07	2.07	2.55	5.20	6.05	8.36	6.79
Vermont	--	--	--	--	--	--	W	--
Virginia	2.88	2.75	2.67	2.48	2.82	5.26	3.45	3.70
Washington	W	2.15	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W	W	W
Wisconsin	2.45	2.37	2.71	2.74	3.49	3.73	W	W
Wyoming	W	W	W	W	W	W	W	W
Total	2.79	2.35	2.12	2.29	3.01	5.07	3.50	3.42

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2023							
	November	October	September	August	July	June	May	April
Alabama	W	W	W	W	W	W	W	W
Alaska	8.20	8.14	8.07	8.20	8.28	8.07	8.11	8.15
Arizona	W	W	W	W	W	W	W	2.87
Arkansas	W	W	W	W	W	W	W	W
California	6.15	W	4.52	5.95	5.47	W	W	W
Colorado	W	W	W	W	W	W	W	W
Connecticut	3.58	1.86	1.88	2.25	3.35	2.59	1.93	2.07
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--	--
Idaho	4.91	4.76	2.84	3.91	3.62	2.58	--	--
Illinois	W	W	W	2.55	2.53	W	W	2.20
Indiana	2.91	2.80	3.54	W	W	2.59	2.66	W
Iowa	2.40	2.86	3.29	3.57	3.48	2.99	2.29	2.44
Kansas	3.77	3.05	2.87	3.01	2.90	2.43	2.02	2.26
Kentucky	W	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W	W
Maine	W	W	W	--	W	W	--	W
Maryland	W	3.28	3.20	W	W	2.34	2.50	2.34
Massachusetts	4.62	1.77	1.79	1.79	4.75	2.80	5.47	2.50
Michigan	3.12	2.60	2.65	2.64	2.70	2.55	2.54	2.71
Minnesota	W	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W	W
Montana	2.33	2.34	2.62	2.60	2.21	2.15	2.09	2.23
Nebraska	5.89	3.06	3.12	2.95	3.07	2.67	2.73	2.79
Nevada	5.52	3.09	3.84	4.68	4.05	3.03	2.99	4.52
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	2.44	1.49	1.75	1.43	1.83	1.57	1.60	1.90
New Mexico	2.15	2.33	2.54	2.71	2.43	2.24	1.74	1.72
New York	3.26	1.94	2.02	1.90	2.51	2.02	1.89	2.22
North Carolina	W	W	W	W	W	W	W	W
North Dakota	3.10	3.48	3.43	3.64	3.45	3.30	3.72	3.58
Ohio	2.49	2.04	2.02	2.15	2.18	1.94	1.95	2.11
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	2.34	1.64	1.62	1.47	1.83	1.58	1.70	1.94
Rhode Island	W	W	W	W	W	W	W	W
South Carolina	4.03	3.48	3.89	3.96	3.95	3.85	3.39	3.25
South Dakota	3.18	2.95	2.79	2.90	2.93	2.67	2.45	2.56
Tennessee	2.75	2.73	2.53	2.50	2.53	2.24	2.14	2.45
Texas	2.64	2.71	2.67	2.67	2.66	2.36	2.22	2.17
Utah	5.84	3.47	3.92	4.60	3.72	2.94	2.92	4.71
Vermont	--	--	--	--	--	--	--	--
Virginia	3.94	2.82	2.60	2.31	2.60	2.60	3.15	3.84
Washington	W	W	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W	W	W
Wisconsin	W	W	W	W	W	W	W	W
Wyoming	W	W	W	W	W	W	W	W
Total	3.52	3.02	2.95	3.02	3.07	2.67	2.63	2.81

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2023			2022				
	March	February	January	Total	December	November	October	September
Alabama	W	3.01	W	W	7.21	5.75	6.25	9.22
Alaska	8.05	8.06	5.88	6.23	6.52	6.77	6.52	5.70
Arizona	W	W	W	8.68	18.65	7.41	6.14	9.73
Arkansas	W	W	W	W	6.82	5.86	5.15	7.99
California	W	W	28.12	10.22	28.68	9.27	7.45	10.70
Colorado	W	W	W	W	8.48	6.71	6.48	8.83
Connecticut	4.45	W	W	9.17	13.87	6.45	5.75	7.47
Delaware	--	--	--	W	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	W	W	W	8.51	8.33	6.62	8.20	10.60
Georgia	W	W	W	8.10	9.22	5.91	6.71	9.32
Hawaii	--	--	--	--	--	--	--	--
Idaho	5.94	8.75	20.56	10.44	22.20	6.77	3.02	5.58
Illinois	W	W	W	7.13	8.16	5.20	5.23	7.55
Indiana	W	3.65	4.40	6.62	6.59	5.48	5.60	7.24
Iowa	2.91	3.53	4.37	6.49	6.31	5.64	5.78	6.79
Kansas	2.93	5.15	6.20	7.28	9.68	5.44	5.43	7.81
Kentucky	W	W	W	W	7.55	5.47	5.63	7.66
Louisiana	W	W	W	W	6.60	5.55	6.03	8.61
Maine	--	--	W	W	24.65	9.00	6.79	9.70
Maryland	W	W	W	8.60	16.13	6.29	5.78	8.56
Massachusetts	W	19.17	24.57	12.11	23.02	7.55	5.57	8.08
Michigan	2.88	3.06	3.93	6.88	6.49	5.42	6.24	7.96
Minnesota	W	W	W	W	8.83	8.23	7.19	8.85
Mississippi	W	W	W	W	6.34	5.43	5.65	7.83
Missouri	W	W	W	W	6.20	4.33	4.86	6.32
Montana	2.64	2.35	3.13	W	6.34	5.19	2.73	5.80
Nebraska	3.71	3.44	4.34	8.87	10.03	6.79	6.18	9.11
Nevada	5.76	10.50	36.81	8.25	15.83	6.82	5.54	8.26
New Hampshire	W	W	W	W	18.38	6.59	8.91	8.91
New Jersey	2.54	5.04	3.53	7.24	11.72	5.15	5.08	7.39
New Mexico	2.35	3.37	6.26	6.69	6.18	3.96	3.14	5.63
New York	3.77	6.10	6.61	7.41	10.42	6.07	5.14	7.54
North Carolina	W	W	W	7.54	12.32	7.00	5.60	7.89
North Dakota	4.12	4.22	5.77	3.24	2.74	1.96	2.21	2.83
Ohio	2.52	2.60	3.55	6.45	6.03	4.94	5.29	7.69
Oklahoma	W	W	W	W	6.50	5.47	5.81	8.14
Oregon	W	W	W	W	14.74	5.53	3.77	4.91
Pennsylvania	2.40	3.11	3.97	6.31	7.84	4.75	4.87	7.21
Rhode Island	W	W	W	8.63	16.87	5.47	5.01	7.15
South Carolina	3.93	5.18	5.99	7.32	9.47	5.51	5.39	6.74
South Dakota	2.82	2.84	3.85	4.86	3.92	3.89	3.94	5.61
Tennessee	2.89	3.53	4.84	5.86	6.16	4.82	5.48	7.27
Texas	2.51	2.63	3.32	6.63	5.40	4.77	5.27	7.71
Utah	6.08	11.69	41.91	8.53	14.03	7.15	5.89	8.84
Vermont	--	--	--	W	--	--	--	--
Virginia	4.06	5.53	5.20	7.47	8.80	5.86	6.01	7.98
Washington	W	W	W	W	11.51	6.29	4.99	6.42
West Virginia	W	W	W	W	7.64	3.69	5.15	7.62
Wisconsin	W	W	W	6.02	6.14	4.98	4.96	6.51
Wyoming	W	W	W	W	13.28	6.44	7.17	9.46
Total	3.51	4.64	7.50	7.51	9.35	5.84	5.94	8.37

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2022-2024
dollars per thousand cubic feet – continued

State or district	2022							
	August	July	June	May	April	March	February	January
Alabama	10.50	9.35	8.68	8.31	6.85	5.87	5.79	5.27
Alaska	5.71	6.46	6.25	6.43	6.01	5.97	5.96	6.46
Arizona	10.46	7.86	9.63	8.33	6.45	5.28	5.94	6.36
Arkansas	9.28	8.38	8.84	8.30	6.79	4.93	5.24	4.45
California	10.48	8.25	8.96	8.90	7.24	5.57	5.94	7.00
Colorado	9.07	7.39	8.88	8.11	6.87	5.73	6.34	5.77
Connecticut	8.78	7.87	8.03	7.84	6.70	7.46	12.91	16.85
Delaware	--	--	--	--	--	5.59	7.05	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	11.96	9.11	9.82	7.45	6.50	6.12	7.42	5.68
Georgia	10.18	9.91	9.10	8.74	7.03	5.50	5.84	6.20
Hawaii	--	--	--	--	--	--	--	--
Idaho	6.20	4.86	6.25	3.83	6.40	2.45	2.67	3.92
Illinois	8.68	7.02	7.60	7.96	5.70	4.51	4.37	4.47
Indiana	8.57	7.54	7.96	8.11	6.62	5.31	5.22	4.91
Iowa	8.05	7.10	7.44	7.24	5.60	4.43	5.16	4.97
Kansas	8.63	7.49	8.01	8.28	6.82	5.56	7.91	6.17
Kentucky	8.57	7.20	7.92	7.78	6.37	5.79	5.64	5.17
Louisiana	9.07	7.49	8.19	8.54	8.22	5.00	5.57	4.70
Maine	11.85	11.05	10.64	9.79	8.81	12.40	22.55	25.90
Maryland	9.91	9.67	9.15	8.75	6.99	5.49	6.07	10.20
Massachusetts	9.62	9.54	8.30	7.63	7.16	10.36	21.84	24.18
Michigan	8.96	7.61	8.15	8.37	6.59	5.02	4.98	4.51
Minnesota	9.10	7.56	8.72	8.80	7.80	7.08	5.77	5.80
Mississippi	8.64	7.59	7.83	7.28	6.46	4.91	5.04	4.36
Missouri	7.27	6.11	6.36	6.77	5.36	4.31	4.45	152.45
Montana	3.06	6.57	5.69	7.22	6.15	4.71	3.74	4.89
Nebraska	9.87	8.63	9.35	8.94	8.57	7.59	8.02	7.09
Nevada	8.10	6.75	8.21	6.57	5.61	4.74	5.01	6.54
New Hampshire	10.41	8.60	9.74	8.59	7.13	6.86	45.62	13.60
New Jersey	8.70	7.39	7.29	7.80	6.43	4.92	5.66	8.04
New Mexico	5.98	5.02	5.75	4.79	6.09	2.90	3.35	2.87
New York	8.02	7.07	7.51	7.75	6.42	5.15	7.17	9.52
North Carolina	9.82	7.36	6.90	6.17	4.08	5.24	6.76	8.06
North Dakota	2.99	2.49	2.37	2.90	2.68	2.14	1.08	11.39
Ohio	8.69	7.01	8.00	8.00	6.50	4.74	5.08	4.30
Oklahoma	9.47	7.94	8.26	8.26	6.87	5.62	6.44	5.59
Oregon	4.91	4.50	5.99	4.93	4.13	3.02	3.49	3.50
Pennsylvania	8.15	6.67	7.23	7.17	5.87	4.33	5.29	5.72
Rhode Island	8.76	7.84	7.43	7.67	6.81	6.41	17.13	18.51
South Carolina	7.54	7.56	7.02	6.89	5.29	4.96	5.56	6.75
South Dakota	6.16	5.14	5.33	6.19	4.12	2.29	3.05	3.24
Tennessee	7.70	6.31	7.06	6.45	4.99	4.05	4.61	4.02
Texas	8.69	7.33	7.70	7.85	6.32	4.96	5.56	4.50
Utah	8.65	12.21	8.68	7.90	6.18	5.05	5.70	8.30
Vermont	--	--	--	--	--	--	--	--
Virginia	9.05	7.47	8.10	8.17	6.86	5.28	6.71	6.54
Washington	6.27	5.21	12.24	7.78	5.18	4.47	4.75	6.01
West Virginia	8.85	6.94	7.72	8.25	7.19	6.58	5.62	4.73
Wisconsin	6.87	5.98	6.03	6.02	5.02	4.35	5.47	5.65
Wyoming	8.44	8.70	8.52	8.40	6.75	10.53	-1.44	4.03
Total	9.25	7.73	8.14	7.68	6.28	5.19	6.16	6.41

^a The electric power sector comprises electricity-only (utilities and independent power producers) and combined-heat-and-power plants within the NAICS 22 sector, whose primary business is to sell electricity, or electricity and heat, to the public.

-- Not applicable.

^w Withheld.

Source: U.S. Energy Information Administration (EIA): Form EIA-923, *Power Plant Operations Report*.

Note: Geographic coverage is the 50 states and the District of Columbia. Prices are in nominal dollars.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2022-2024

State or district	2024 11-month YTD			2023 11-month YTD			2022 11-month YTD		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	76.8	NA	100.0	76.1	26.9	100.0	76.9	25.6
Alaska	100.0	NA	85.2	100.0	99.6	83.4	100.0	99.6	82.7
Arizona	100.0	80.3	NA	100.0	80.7	22.0	100.0	80.1	19.7
Arkansas	100.0	35.8	1.4	100.0	36.6	1.5	100.0	36.3	1.9
California	NA	NA	NA	95.9	53.9	4.9	95.8	53.7	4.9
Colorado	100.0	94.3	10.7	100.0	94.2	11.0	100.0	93.9	9.9
Connecticut	NA	75.2	59.1	96.6	77.5	59.8	96.4	80.6	48.5
Delaware	100.0	48.0	NA	100.0	49.0	0.3	100.0	49.7	0.3
District of Columbia	72.2	19.7	0.0	74.4	22.7	0.0	74.2	21.9	--
Florida	NA	NA	NA	94.0	31.3	3.2	92.3	30.7	3.1
Georgia	100.0	100.0	20.7	100.0	100.0	20.5	100.0	100.0	23.1
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	64.5	4.4	100.0	76.8	3.9	100.0	77.2	3.9
Illinois	NA	31.5	NA	89.0	32.4	5.4	88.9	33.7	7.8
Indiana	NA	NA	1.6	96.6	68.4	2.0	96.4	68.7	2.1
Iowa	100.0	58.6	2.4	100.0	60.0	2.4	100.0	62.2	2.7
Kansas	NA	NA	NA	100.0	49.8	7.0	100.0	50.0	9.1
Kentucky	98.2	77.1	14.7	98.1	77.1	14.9	98.0	78.7	15.0
Louisiana	NA	77.1	1.8	100.0	71.2	1.9	100.0	71.8	2.2
Maine	100.0	NA	NA	100.0	63.1	13.5	100.0	63.9	9.9
Maryland	81.7	25.1	NA	80.3	25.4	3.2	79.0	25.5	4.8
Massachusetts	98.9	NA	27.2	98.8	36.5	26.9	98.6	37.9	28.3
Michigan	96.2	60.4	5.6	96.0	60.9	6.0	95.3	60.9	6.9
Minnesota	100.0	85.7	NA	100.0	86.6	16.4	100.0	87.3	16.5
Mississippi	NA	NA	NA	100.0	76.0	8.8	100.0	79.2	8.0
Missouri	100.0	67.2	10.5	100.0	71.3	10.4	100.0	72.0	11.6
Montana	99.9	49.2	1.3	99.8	49.4	1.5	99.8	49.4	1.6
Nebraska	87.5	49.9	4.1	87.7	52.7	4.5	88.1	54.7	5.2
Nevada	100.0	61.3	NA	100.0	64.3	20.0	100.0	62.4	16.6
New Hampshire	100.0	56.5	NA	100.0	55.2	8.7	100.0	59.0	8.5
New Jersey	97.9	NA	NA	97.8	43.5	4.1	97.6	43.7	4.9
New Mexico	NA	62.8	NA	100.0	59.3	25.2	100.0	55.2	21.1
New York	100.0	NA	NA	100.0	100.0	5.2	100.0	100.0	5.3
North Carolina	NA	NA	16.3	100.0	86.2	15.2	100.0	86.1	12.9
North Dakota	100.0	93.8	35.1	100.0	93.9	32.4	100.0	94.3	37.0
Ohio	NA	NA	NA	100.0	100.0	0.8	100.0	100.0	0.8
Oklahoma	100.0	44.7	5.6	100.0	48.2	5.9	100.0	45.1	5.7
Oregon	100.0	96.1	NA	100.0	96.0	19.8	100.0	95.7	19.1
Pennsylvania	89.1	NA	0.8	88.3	37.6	1.0	88.0	36.6	1.1
Rhode Island	100.0	NA	NA	100.0	56.4	6.5	100.0	53.0	5.2
South Carolina	100.0	NA	33.6	100.0	86.2	37.1	100.0	89.6	37.4
South Dakota	NA	76.4	3.7	100.0	76.2	3.9	100.0	75.3	3.7
Tennessee	NA	NA	NA	100.0	86.5	24.0	100.0	87.0	24.3
Texas	NA	NA	30.5	99.7	69.1	29.1	99.7	70.3	28.9
Utah	100.0	61.5	NA	100.0	65.5	2.5	100.0	64.9	2.4
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	90.2	51.1	NA	89.5	51.5	12.5	89.3	53.1	14.7
Washington	100.0	NA	NA	100.0	87.6	7.1	100.0	86.6	6.2
West Virginia	NA	NA	NA	100.0	50.3	2.8	100.0	53.5	3.1
Wisconsin	100.0	58.2	14.4	100.0	60.9	14.6	100.0	62.9	15.8
Wyoming	67.0	53.9	0.7	67.3	53.9	1.1	68.3	56.2	1.2
Total	96.9	63.4	13.7	96.8	64.9	13.3	96.7	65.2	13.4

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2022-2024 – continued

State or district	2024								
	November			October			September		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	70.6	NA	100.0	68.2	28.0	100.0	68.3	27.5
Alaska	100.0	99.6	86.8	100.0	99.6	83.2	100.0	99.7	81.6
Arizona	100.0	79.4	NA	100.0	76.1	23.3	100.0	77.5	NA
Arkansas	100.0	24.4	1.6	100.0	23.9	1.4	100.0	21.2	1.3
California	96.4	43.0	6.1	95.8	39.3	4.9	95.6	35.9	4.3
Colorado	100.0	95.9	11.3	100.0	92.6	9.2	100.0	91.7	8.2
Connecticut	96.3	74.4	56.7	95.7	69.3	55.4	96.0	66.2	57.9
Delaware	100.0	36.4	0.1	100.0	36.4	0.2	100.0	37.7	NA
District of Columbia	70.6	19.8	0.0	66.6	16.3	0.0	68.1	15.0	0.0
Florida	NA	NA	NA	93.5	30.4	3.1	92.8	29.9	3.0
Georgia	100.0	100.0	19.4	100.0	100.0	19.9	100.0	100.0	20.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	70.1	4.6	100.0	61.6	4.0	100.0	44.6	3.7
Illinois	92.8	33.7	4.9	91.7	25.5	3.6	90.2	19.3	1.7
Indiana	96.9	68.2	2.0	96.5	65.2	1.2	96.7	55.0	0.8
Iowa	100.0	60.6	2.8	100.0	56.5	2.2	100.0	45.8	2.0
Kansas	100.0	51.0	2.0	NA	35.8	5.0	NA	27.2	10.0
Kentucky	99.1	77.5	14.0	99.1	73.8	14.5	98.7	69.0	13.7
Louisiana	NA	78.9	1.7	100.0	72.5	1.5	100.0	75.2	1.5
Maine	100.0	62.4	10.8	100.0	NA	9.8	100.0	NA	10.3
Maryland	83.6	26.4	NA	82.2	21.5	2.8	81.3	17.9	2.4
Massachusetts	99.0	41.5	24.1	99.0	NA	24.2	99.0	NA	23.6
Michigan	96.3	62.5	5.2	96.1	54.5	4.7	96.3	42.0	2.6
Minnesota	100.0	83.6	16.0	100.0	78.7	13.3	100.0	74.5	11.3
Mississippi	NA	NA	NA	100.0	74.3	NA	100.0	70.1	6.1
Missouri	100.0	60.5	9.8	100.0	51.5	7.7	100.0	54.5	7.4
Montana	99.9	40.8	1.5	99.9	34.7	1.0	99.8	35.4	0.8
Nebraska	83.7	40.9	3.7	88.8	36.6	3.6	90.2	38.1	3.2
Nevada	100.0	58.1	NA	100.0	49.9	NA	100.0	51.6	14.0
New Hampshire	100.0	52.5	5.0	100.0	49.3	NA	100.0	49.3	3.6
New Jersey	98.0	38.1	NA	97.9	38.4	NA	97.9	NA	NA
New Mexico	100.0	54.1	NA	NA	57.0	17.4	100.0	54.6	19.8
New York	100.0	100.0	5.1	100.0	NA	NA	100.0	100.0	2.8
North Carolina	100.0	86.4	16.3	100.0	85.0	16.1	100.0	NA	15.5
North Dakota	100.0	94.9	33.5	100.0	93.6	36.0	100.0	91.0	37.8
Ohio	100.0	100.0	1.3	100.0	100.0	1.1	100.0	100.0	0.7
Oklahoma	100.0	26.6	4.5	100.0	29.2	3.0	100.0	30.0	5.9
Oregon	100.0	96.4	NA	100.0	93.3	20.4	100.0	95.3	18.3
Pennsylvania	89.5	39.0	0.8	89.3	32.4	0.6	89.1	26.9	0.3
Rhode Island	100.0	NA	NA	100.0	NA	NA	100.0	NA	NA
South Carolina	100.0	NA	34.9	100.0	85.8	32.3	100.0	84.9	33.0
South Dakota	100.0	71.5	4.5	100.0	63.6	2.7	100.0	64.1	1.6
Tennessee	100.0	85.7	21.6	100.0	81.0	23.8	100.0	NA	22.2
Texas	NA	NA	30.0	99.7	NA	31.1	99.1	60.4	31.3
Utah	100.0	68.1	3.1	100.0	48.8	2.7	100.0	50.5	2.4
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	91.3	51.8	11.1	90.8	47.5	13.4	88.4	42.5	11.9
Washington	100.0	85.0	5.2	100.0	84.4	5.7	100.0	82.1	3.4
West Virginia	100.0	49.9	3.3	100.0	42.6	2.6	100.0	30.7	2.6
Wisconsin	100.0	60.7	15.8	100.0	48.9	14.2	100.0	38.6	9.7
Wyoming	65.9	52.3	0.5	67.8	49.6	0.2	69.4	48.7	0.2
Total	97.3	62.9	13.7	97.1	57.8	13.4	97.0	53.0	13.4

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2022-2024 – continued

State or district	2024								
	August			July			June		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	66.8	28.1	100.0	68.2	27.5	100.0	69.8	27.6
Alaska	100.0	99.7	83.5	100.0	99.6	82.2	100.0	NA	82.3
Arizona	100.0	76.3	24.0	100.0	76.9	25.0	100.0	79.4	28.0
Arkansas	100.0	22.1	1.4	100.0	23.6	1.2	100.0	22.7	1.0
California	95.3	36.2	4.1	95.5	NA	4.0	95.6	40.9	4.9
Colorado	100.0	91.0	6.8	100.0	92.1	7.2	100.0	91.9	8.1
Connecticut	95.8	63.5	58.2	96.1	61.2	63.4	96.5	65.4	56.3
Delaware	100.0	36.1	0.0	100.0	37.2	0.1	100.0	40.2	0.1
District of Columbia	70.2	17.2	0.0	64.6	13.8	0.0	70.7	15.3	0.0
Florida	93.3	29.7	NA	92.9	30.6	4.2	93.1	30.0	4.9
Georgia	100.0	100.0	18.7	100.0	100.0	19.1	100.0	100.0	21.8
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	43.1	4.0	100.0	34.7	4.1	100.0	50.6	4.5
Illinois	89.9	20.7	1.9	89.3	20.7	2.2	88.4	20.6	2.4
Indiana	96.9	58.0	0.9	96.7	55.2	0.8	97.4	62.9	0.8
Iowa	100.0	43.4	2.0	100.0	36.3	1.8	100.0	44.4	2.0
Kansas	NA	22.8	16.8	NA	22.3	12.7	100.0	27.3	9.8
Kentucky	98.9	59.9	15.0	98.8	67.1	15.1	98.5	63.6	13.5
Louisiana	100.0	76.3	1.8	100.0	75.7	1.7	100.0	75.5	1.9
Maine	100.0	NA	11.3	100.0	NA	12.1	100.0	NA	11.7
Maryland	78.2	18.5	NA	80.1	17.9	NA	79.2	16.6	2.0
Massachusetts	99.0	31.3	25.7	98.9	26.2	24.3	98.9	NA	23.4
Michigan	96.1	42.0	2.6	96.5	41.1	2.3	97.0	47.3	2.7
Minnesota	100.0	72.8	11.4	100.0	71.6	NA	100.0	76.1	10.3
Mississippi	100.0	70.7	NA	100.0	70.1	5.5	100.0	68.0	6.7
Missouri	100.0	53.2	7.2	100.0	52.6	7.0	100.0	55.8	7.4
Montana	99.8	36.0	0.8	99.8	31.7	0.7	99.9	45.1	0.8
Nebraska	90.3	43.0	2.9	90.0	38.5	3.3	89.2	39.1	3.7
Nevada	100.0	50.6	13.6	100.0	51.0	NA	100.0	57.3	NA
New Hampshire	100.0	49.5	2.7	100.0	51.5	NA	100.0	49.8	NA
New Jersey	97.9	NA	1.8	97.9	NA	2.1	98.0	34.0	3.0
New Mexico	100.0	54.5	20.0	100.0	54.9	32.2	100.0	61.6	NA
New York	100.0	NA	NA	100.0	100.0	2.3	100.0	100.0	NA
North Carolina	NA	NA	15.0	100.0	86.2	14.9	100.0	83.3	14.4
North Dakota	100.0	90.5	34.4	100.0	90.1	37.5	100.0	90.9	36.6
Ohio	100.0	100.0	0.5	100.0	100.0	0.9	NA	NA	NA
Oklahoma	100.0	30.6	6.9	100.0	30.4	6.1	100.0	31.7	6.0
Oregon	100.0	92.9	17.5	100.0	96.2	16.3	100.0	96.7	17.4
Pennsylvania	88.5	26.3	0.3	88.5	25.3	0.3	88.1	23.8	0.3
Rhode Island	100.0	55.9	4.7	100.0	46.0	5.1	100.0	49.3	4.7
South Carolina	100.0	88.6	32.5	100.0	87.6	32.2	100.0	85.6	32.7
South Dakota	NA	62.2	2.4	100.0	62.1	1.8	100.0	69.3	2.5
Tennessee	NA	NA	NA	100.0	NA	20.4	100.0	79.9	21.2
Texas	98.5	62.9	31.3	98.6	64.0	31.4	99.1	63.9	29.7
Utah	100.0	48.4	2.3	100.0	47.5	2.2	100.0	29.0	2.3
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	88.6	40.2	14.3	87.8	41.6	10.0	87.5	41.8	11.1
Washington	100.0	NA	3.6	100.0	80.4	NA	100.0	84.3	NA
West Virginia	100.0	27.3	NA	100.0	29.4	3.5	100.0	27.7	3.2
Wisconsin	100.0	33.4	12.2	100.0	37.1	10.2	100.0	41.2	6.8
Wyoming	70.9	47.9	0.2	68.8	46.9	0.2	70.0	50.4	0.4
Total	96.8	54.0	13.5	96.9	53.5	13.4	96.8	55.9	13.0

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2022-2024 – continued

State or district	2024								
	May			April			March		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	73.0	28.6	100.0	77.4	29.1	100.0	80.2	29.4
Alaska	100.0	99.6	83.0	100.0	99.5	84.5	100.0	99.4	87.3
Arizona	100.0	78.6	26.4	100.0	81.1	24.5	100.0	81.2	21.9
Arkansas	100.0	26.5	1.2	100.0	35.7	1.3	100.0	41.1	1.3
California	95.7	NA	5.5	95.7	51.9	NA	95.9	57.3	5.3
Colorado	100.0	92.8	11.2	100.0	90.5	7.9	100.0	96.5	12.3
Connecticut	NA	76.7	48.3	96.9	81.6	66.2	97.2	79.1	57.1
Delaware	100.0	46.0	0.1	100.0	52.5	NA	100.0	55.6	0.4
District of Columbia	70.6	16.4	0.0	71.7	21.8	0.0	72.1	21.3	0.0
Florida	92.0	30.5	4.9	92.4	32.5	5.4	NA	32.6	6.2
Georgia	100.0	100.0	19.9	100.0	100.0	21.8	100.0	100.0	21.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	59.6	4.7	100.0	63.0	4.7	100.0	69.6	4.5
Illinois	84.7	20.7	2.9	86.8	29.4	5.4	90.3	35.7	6.0
Indiana	NA	NA	0.9	96.9	66.0	1.8	96.8	69.9	2.2
Iowa	100.0	46.8	2.0	100.0	58.5	2.2	100.0	62.3	2.7
Kansas	NA	NA	9.2	NA	40.4	7.0	100.0	56.4	2.4
Kentucky	97.8	70.1	15.0	97.2	75.3	15.7	97.9	77.4	14.2
Louisiana	100.0	78.4	2.0	100.0	76.2	1.6	100.0	78.1	2.2
Maine	100.0	59.2	12.4	100.0	63.2	NA	100.0	66.0	11.1
Maryland	79.4	20.7	2.2	80.2	25.3	3.5	81.3	28.2	5.1
Massachusetts	98.8	36.2	26.5	98.8	32.0	27.3	98.9	39.0	30.5
Michigan	95.4	46.5	3.7	96.0	61.4	6.9	96.2	65.8	7.2
Minnesota	100.0	83.7	9.1	100.0	89.4	NA	100.0	88.5	15.1
Mississippi	100.0	69.4	5.7	100.0	72.5	6.6	100.0	77.0	6.6
Missouri	100.0	60.1	9.7	100.0	69.3	10.6	100.0	71.8	12.3
Montana	99.9	51.2	1.2	99.9	56.8	1.8	99.9	56.2	1.8
Nebraska	85.7	44.4	4.3	87.1	52.5	4.7	87.1	54.4	4.9
Nevada	100.0	58.5	NA	100.0	64.4	21.4	100.0	66.2	NA
New Hampshire	100.0	53.8	NA	100.0	57.9	NA	100.0	58.5	NA
New Jersey	98.0	39.7	4.4	97.9	46.7	9.8	97.9	50.6	10.6
New Mexico	100.0	60.9	24.1	100.0	67.6	22.5	100.0	67.9	26.3
New York	100.0	100.0	3.6	100.0	100.0	5.3	100.0	100.0	6.1
North Carolina	100.0	83.0	14.8	100.0	84.9	15.2	100.0	87.8	17.7
North Dakota	100.0	92.2	37.1	100.0	93.3	36.5	100.0	94.9	36.4
Ohio	NA	NA	NA	100.0	100.0	0.9	100.0	100.0	0.8
Oklahoma	100.0	37.7	5.8	100.0	47.3	5.6	100.0	48.7	6.0
Oregon	100.0	95.9	18.6	100.0	96.6	19.4	100.0	95.7	20.4
Pennsylvania	89.2	27.5	0.4	89.1	32.8	1.0	88.8	38.8	1.2
Rhode Island	100.0	47.9	5.9	100.0	52.3	4.8	100.0	53.6	5.9
South Carolina	100.0	86.7	32.7	100.0	84.7	33.4	100.0	87.2	34.4
South Dakota	100.0	76.4	3.3	100.0	80.8	4.1	100.0	79.3	4.8
Tennessee	100.0	83.6	21.9	100.0	87.5	22.7	NA	NA	NA
Texas	99.1	64.0	31.4	99.5	64.9	30.6	99.8	72.5	30.7
Utah	100.0	41.3	2.3	100.0	63.7	NA	100.0	69.9	2.9
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.5	44.7	10.7	88.8	49.3	NA	89.9	53.6	NA
Washington	100.0	84.8	NA	100.0	87.3	6.9	100.0	89.3	7.0
West Virginia	100.0	36.2	NA	100.0	48.4	NA	NA	NA	3.0
Wisconsin	99.9	44.2	9.4	100.0	59.3	13.3	100.0	64.4	18.6
Wyoming	68.6	55.2	0.5	67.9	56.2	1.5	68.0	57.4	1.2
Total	96.6	58.2	13.5	96.6	63.6	13.7	96.9	67.6	14.3

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2022-2024 – continued

State or district	2024						2023		
	February			January			Total		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	85.8	30.1	100.0	82.9	31.0	100.0	76.3	27.2
Alaska	100.0	99.6	88.2	100.0	99.6	88.7	100.0	99.6	84.1
Arizona	100.0	84.6	22.2	100.0	83.6	19.4	100.0	80.8	22.2
Arkansas	100.0	55.1	1.8	100.0	50.3	1.7	100.0	37.2	1.5
California	96.1	56.1	5.8	NA	55.8	4.8	95.9	54.1	4.9
Colorado	100.0	95.2	14.8	100.0	95.7	14.7	100.0	94.4	11.3
Connecticut	97.5	81.0	65.3	97.4	80.5	63.7	96.7	77.7	60.1
Delaware	100.0	56.8	0.4	100.0	53.9	0.4	100.0	49.3	0.3
District of Columbia	75.0	22.5	0.0	73.5	23.5	0.0	74.2	22.9	0.0
Florida	92.6	32.4	8.0	92.0	33.3	NA	94.0	31.4	3.2
Georgia	100.0	100.0	22.4	100.0	100.0	22.7	100.0	100.0	20.6
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	73.4	4.6	100.0	76.8	4.8	100.0	77.7	3.9
Illinois	90.1	33.5	NA	NA	42.2	9.4	89.5	32.9	5.6
Indiana	97.0	73.4	2.7	97.0	73.9	3.1	96.7	68.9	2.0
Iowa	100.0	63.9	2.9	100.0	68.6	3.2	100.0	60.7	2.4
Kansas	100.0	64.2	NA	100.0	67.5	NA	100.0	51.2	6.5
Kentucky	97.8	82.2	15.9	98.3	84.6	14.7	98.1	78.0	14.9
Louisiana	100.0	80.2	2.3	100.0	77.8	2.0	100.0	71.4	1.9
Maine	100.0	68.2	12.1	100.0	67.3	12.0	100.0	63.5	13.4
Maryland	82.9	29.7	5.9	81.9	30.6	6.9	80.7	26.1	3.3
Massachusetts	98.9	39.6	28.4	99.0	43.4	33.5	98.8	37.4	26.9
Michigan	95.8	65.3	10.1	96.3	69.5	9.0	95.9	61.3	6.1
Minnesota	100.0	90.3	16.0	100.0	89.4	17.1	100.0	87.1	16.5
Mississippi	100.0	81.4	7.0	100.0	83.4	6.5	100.0	76.6	8.7
Missouri	100.0	79.0	16.8	100.0	74.0	15.2	100.0	71.0	10.6
Montana	99.9	56.2	1.9	99.9	53.3	1.9	99.8	49.6	1.6
Nebraska	88.0	57.0	5.7	87.4	58.3	5.2	87.5	52.9	4.5
Nevada	100.0	69.4	25.2	100.0	70.7	NA	100.0	64.8	20.3
New Hampshire	100.0	60.3	NA	100.0	58.8	NA	100.0	55.2	8.6
New Jersey	97.9	50.8	NA	97.9	52.6	8.9	97.8	44.2	4.3
New Mexico	100.0	68.4	15.1	100.0	64.9	13.9	100.0	59.3	24.6
New York	100.0	100.0	5.5	100.0	100.0	6.2	100.0	100.0	5.3
North Carolina	100.0	90.6	19.2	100.0	92.1	19.1	100.0	86.8	15.5
North Dakota	100.0	93.6	28.3	100.0	95.7	31.0	100.0	94.0	32.8
Ohio	100.0	100.0	NA	100.0	100.0	NA	100.0	100.0	0.9
Oklahoma	100.0	63.3	5.8	100.0	48.9	6.4	100.0	47.9	5.8
Oregon	100.0	97.2	NA	100.0	97.1	19.5	100.0	96.1	19.8
Pennsylvania	89.7	NA	1.6	88.6	39.6	1.6	88.2	38.0	1.0
Rhode Island	100.0	53.8	6.8	100.0	59.5	6.4	100.0	56.6	6.6
South Carolina	100.0	87.5	34.8	100.0	92.2	36.1	100.0	86.7	37.0
South Dakota	100.0	81.8	6.4	100.0	80.8	5.1	100.0	76.6	4.2
Tennessee	NA	NA	NA	NA	NA	NA	100.0	86.9	24.0
Texas	99.9	75.3	29.4	99.9	80.4	28.8	99.7	69.8	29.1
Utah	100.0	70.1	2.7	100.0	73.8	3.3	100.0	66.2	2.6
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	90.6	58.2	15.3	91.3	60.0	17.3	89.8	51.7	12.8
Washington	100.0	89.7	7.4	100.0	90.9	8.3	100.0	87.9	7.1
West Virginia	NA	NA	3.0	NA	NA	3.0	100.0	51.6	2.8
Wisconsin	100.0	68.2	18.4	100.0	72.3	20.6	100.0	61.4	15.0
Wyoming	65.7	54.9	1.5	65.3	54.5	1.2	67.2	54.0	1.1
Total	97.1	69.0	14.4	96.7	70.8	14.2	96.9	65.4	13.3

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2022-2024 – continued

State or district	2023								
	December			November			October		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	78.2	29.5	100.0	72.6	28.2	100.0	68.4	26.9
Alaska	100.0	99.7	89.2	100.0	99.7	86.8	100.0	99.6	82.3
Arizona	100.0	81.7	23.8	100.0	79.1	22.6	100.0	79.1	23.1
Arkansas	100.0	42.2	1.7	100.0	30.5	1.6	100.0	26.2	1.4
California	95.9	56.6	4.9	96.2	52.3	5.1	95.8	47.7	6.0
Colorado	100.0	95.7	14.0	100.0	94.7	12.0	100.0	94.3	7.5
Connecticut	97.3	79.7	63.0	96.1	76.8	58.0	95.3	71.8	59.6
Delaware	100.0	51.3	0.3	100.0	41.9	0.2	100.0	36.2	0.2
District of Columbia	73.0	24.4	0.0	71.0	22.6	0.0	75.3	18.9	0.0
Florida	94.1	31.7	2.9	93.8	31.6	3.8	94.7	32.9	2.8
Georgia	100.0	100.0	20.8	100.0	100.0	20.7	100.0	100.0	20.4
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	83.3	4.2	100.0	77.6	4.1	100.0	76.5	3.4
Illinois	92.3	36.5	7.2	91.0	35.7	5.5	93.2	30.1	4.9
Indiana	97.0	72.5	2.6	96.6	70.3	2.1	96.3	68.2	1.5
Iowa	100.0	65.7	2.8	100.0	60.1	3.1	100.0	57.9	2.8
Kansas	100.0	61.7	1.8	100.0	54.1	3.6	100.0	38.9	4.6
Kentucky	98.4	83.3	14.9	99.0	80.3	15.2	99.1	72.7	14.8
Louisiana	100.0	73.4	1.7	100.0	70.2	1.8	100.0	67.5	1.7
Maine	100.0	66.6	12.8	100.0	61.6	11.6	100.0	51.0	11.2
Maryland	82.8	32.0	4.8	82.3	27.4	4.3	80.6	21.2	0.8
Massachusetts	98.9	45.5	26.8	99.1	41.1	25.2	98.9	31.9	23.1
Michigan	95.7	64.2	7.3	96.5	65.7	6.7	96.5	58.0	4.0
Minnesota	100.0	90.3	17.6	100.0	87.2	23.0	100.0	85.4	18.5
Mississippi	100.0	80.9	7.7	100.0	77.5	8.9	100.0	74.9	8.6
Missouri	100.0	68.9	13.0	100.0	65.8	9.8	100.0	56.3	7.6
Montana	99.9	51.3	1.8	99.9	52.5	1.7	99.8	29.5	0.9
Nebraska	86.7	55.1	4.6	86.3	45.9	4.1	87.2	38.7	3.7
Nevada	100.0	68.4	22.4	100.0	59.9	19.7	100.0	53.4	16.3
New Hampshire	100.0	54.9	7.8	100.0	50.6	6.3	100.0	46.4	4.0
New Jersey	97.9	48.6	5.5	97.9	42.1	3.7	97.9	36.2	1.6
New Mexico	100.0	58.9	18.6	100.0	46.2	25.2	100.0	42.3	30.4
New York	100.0	100.0	6.7	100.0	100.0	4.3	100.0	100.0	3.4
North Carolina	100.0	90.4	18.3	100.0	89.6	16.4	100.0	85.9	15.7
North Dakota	100.0	95.1	36.5	100.0	94.7	33.8	100.0	93.2	18.1
Ohio	100.0	100.0	1.1	100.0	100.0	1.3	100.0	100.0	1.0
Oklahoma	100.0	46.2	5.7	100.0	34.6	6.0	100.0	25.5	5.7
Oregon	100.0	96.8	20.2	100.0	96.6	20.8	100.0	96.1	18.5
Pennsylvania	88.1	40.4	1.3	89.7	38.5	0.8	88.1	33.0	0.6
Rhode Island	100.0	57.6	7.2	100.0	57.5	6.1	100.0	54.9	5.5
South Carolina	100.0	90.1	35.6	100.0	88.5	37.7	100.0	84.5	37.6
South Dakota	100.0	79.0	7.0	100.0	75.6	6.3	100.0	66.8	2.9
Tennessee	100.0	89.4	23.9	100.0	86.2	25.1	100.0	81.5	26.5
Texas	99.9	75.2	29.5	99.9	71.3	30.4	99.7	66.9	29.6
Utah	100.0	71.8	2.8	100.0	64.9	3.0	100.0	53.7	2.6
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	91.4	53.0	16.4	92.4	53.5	10.5	90.9	48.4	13.7
Washington	100.0	90.0	7.6	100.0	89.8	7.4	100.0	85.3	5.7
West Virginia	100.0	61.3	2.2	100.0	54.3	2.4	100.0	43.8	2.6
Wisconsin	100.0	66.0	19.3	100.0	66.5	18.5	100.0	55.7	16.8
Wyoming	66.3	54.8	1.2	66.1	52.4	0.7	66.6	46.7	0.2
Total	97.2	68.9	13.9	97.1	66.2	13.9	97.3	61.2	13.2

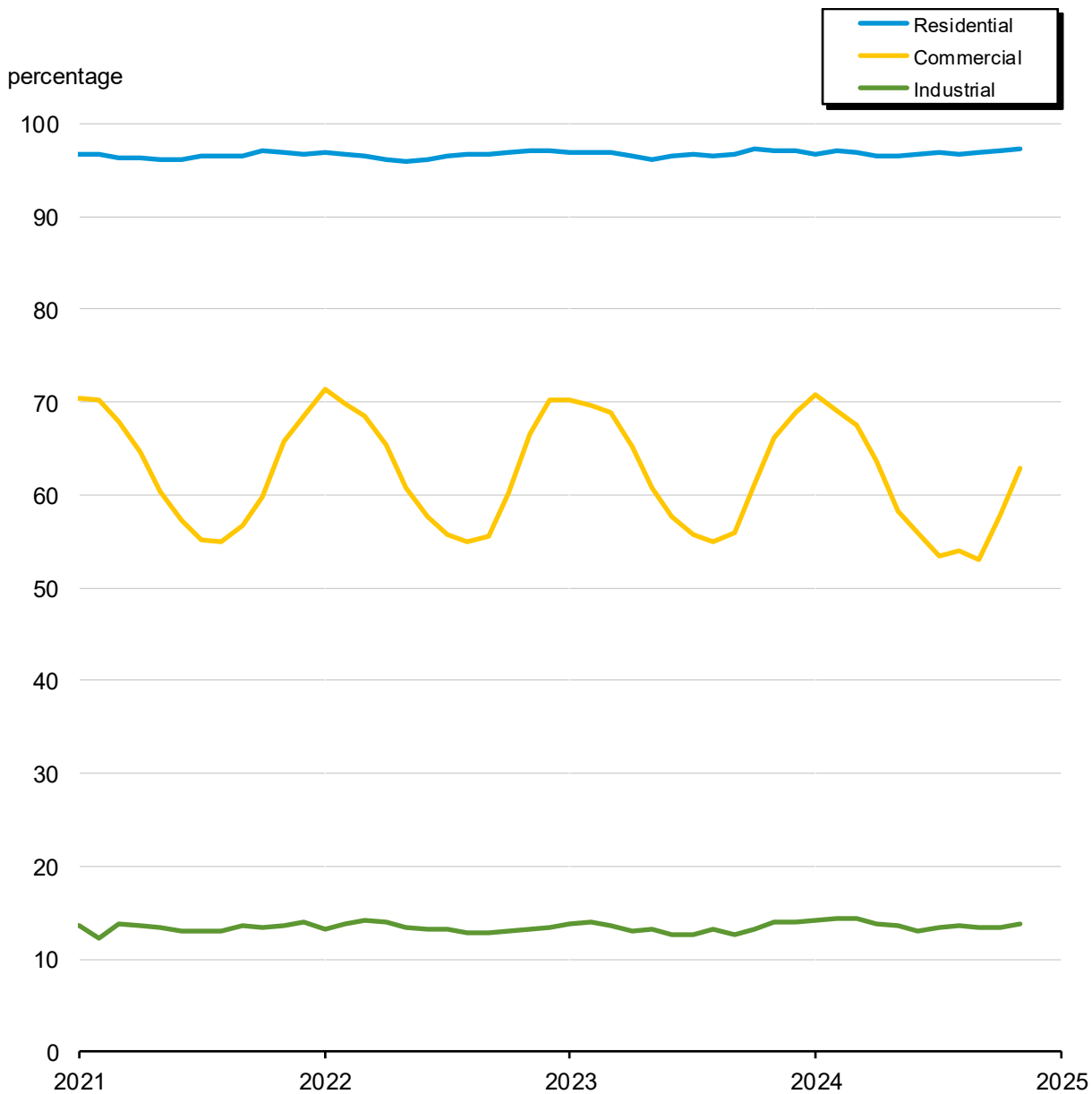
– Not applicable.

^R Revised data.^{NA} Not available.

Source: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*, and Form EIA-910, *Monthly Natural Gas Marketer Survey*.

Note: Volumes of natural gas reported for the residential, commercial, and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percentage of the total state volume that represents natural gas sales to the residential, commercial, and industrial sectors. This information may be helpful in evaluating residential, commercial, and industrial price data which are based on sales data only. Residential and commercial price data are based on total gas deliveries in the states of Georgia, New York and Ohio only. Appendix C, Statistical Considerations, contains a discussion of the computation of natural gas prices.

Figure 6. Percentage of total deliveries included in residential, commercial, and industrial price estimates, 2021-2024



Sources: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*, and Form EIA-910, *Monthly Natural Gas Marketer Survey*.

Table 25. Heating value of natural gas consumed, by state, 2022-2024

Btu per cubic foot

State or district	2024	2023	2022	2024				
	11-month YTD	11-month YTD	11-month YTD	November	October	September	August	July
Alabama	1,031	1,030	1,031	1,031	1,032	1,033	1,035	1,034
Alaska	1,005	996	983	989	989	1,000	1,010	1,013
Arizona	1,027	1,026	1,030	1,025	1,026	1,024	1,028	1,026
Arkansas	1,022	1,022	1,022	1,021	1,019	1,023	1,026	1,024
California	1,031	1,037	1,035	1,026	1,027	1,026	1,028	1,026
Colorado	1,056	1,050	1,055	1,060	1,062	1,070	1,066	1,068
Connecticut	1,030	1,030	1,030	1,031	1,030	1,029	1,030	1,030
Delaware	1,034	1,033	1,034	1,035	1,034	1,032	1,033	1,032
District of Columbia	1,032	1,035	1,036	1,036	1,026	1,021	1,022	1,024
Florida	1,027	1,024	1,025	1,024	1,028	1,030	1,031	1,029
Georgia	1,031	1,029	1,029	1,031	1,032	1,035	1,038	1,037
Hawaii	918	918	917	918	917	917	916	918
Idaho	1,021	1,024	1,022	1,019	1,020	1,016	1,021	1,019
Illinois	1,046	1,043	1,043	1,047	1,049	1,048	1,045	1,046
Indiana	1,057	1,050	1,054	1,053	1,060	1,063	1,063	1,064
Iowa	1,071	1,068	1,066	1,070	1,077	1,078	1,085	1,079
Kansas	1,032	1,033	1,035	1,029	1,036	1,034	1,033	1,033
Kentucky	1,047	1,045	1,047	1,055	1,054	1,042	1,042	1,043
Louisiana	1,020	1,017	1,018	1,019	1,020	1,021	1,023	1,020
Maine	1,043	1,042	1,043	1,046	1,041	1,039	1,042	1,040
Maryland	1,038	1,039	1,039	1,037	1,036	1,036	1,037	1,039
Massachusetts	1,030	1,030	1,030	1,030	1,029	1,029	1,029	1,029
Michigan	1,059	1,057	1,056	1,059	1,059	1,059	1,058	1,062
Minnesota	1,064	1,060	1,053	1,057	1,058	1,067	1,069	1,076
Mississippi	1,025	1,027	1,028	1,027	1,028	1,027	1,029	1,027
Missouri	1,023	1,022	1,022	1,022	1,029	1,028	1,024	1,024
Montana	1,059	1,056	1,049	1,064	1,068	1,064	1,059	1,055
Nebraska	1,058	1,054	1,056	1,055	1,058	1,064	1,065	1,070
Nevada	1,043	1,045	1,040	1,045	1,045	1,042	1,046	1,041
New Hampshire	1,034	1,032	1,033	1,035	1,034	1,031	1,033	1,035
New Jersey	1,039	1,038	1,039	1,038	1,037	1,037	1,037	1,037
New Mexico	1,025	1,026	1,031	1,018	1,021	1,020	1,025	1,022
New York	1,032	1,032	1,032	1,032	1,032	1,031	1,031	1,031
North Carolina	1,036	1,033	1,031	1,043	1,041	1,039	1,039	1,039
North Dakota	1,048	1,048	1,054	1,042	1,046	1,040	1,048	1,042
Ohio	1,064	1,065	1,065	1,065	1,062	1,062	1,064	1,064
Oklahoma	1,033	1,034	1,033	1,030	1,028	1,031	1,043	1,040
Oregon	1,071	1,067	1,066	1,076	1,074	1,087	1,073	1,070
Pennsylvania	1,037	1,037	1,036	1,036	1,036	1,035	1,035	1,036
Rhode Island	1,028	1,030	1,030	1,030	1,029	1,028	1,028	1,028
South Carolina	1,033	1,029	1,030	1,034	1,034	1,035	1,037	1,035
South Dakota	1,090	1,082	1,072	1,086	1,090	1,088	1,092	1,092
Tennessee	1,024	1,023	1,024	1,027	1,027	1,025	1,018	1,018
Texas	1,018	1,018	1,017	1,019	1,017	1,016	1,019	1,017
Utah	1,047	1,048	1,042	1,047	1,050	1,046	1,049	1,049
Vermont	1,044	1,043	1,042	1,047	1,042	1,039	1,042	1,040
Virginia	1,046	1,050	1,050	1,045	1,047	1,042	1,045	1,044
Washington	1,094	1,093	1,088	1,098	1,096	1,108	1,102	1,103
West Virginia	1,081	1,077	1,087	1,077	1,087	1,089	1,090	1,086
Wisconsin	1,044	1,043	1,045	1,044	1,044	1,038	1,043	1,049
Wyoming	1,057	1,059	1,060	1,062	1,058	1,046	1,053	1,062
Total	1,036	1,036	1,036	1,037	1,035	1,035	1,036	1,036

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2022-2024

Btu per cubic foot - continued

State or district	2024						2023	
	June	May	April	March	February	January	Total	December
Alabama	1,030	1,028	1,028	1,027	1,026	1,030	1,030	1,026
Alaska	1,023	1,022	1,010	999	1,006	1,004	998	1,004
Arizona	1,025	1,024	1,024	1,028	1,036	1,034	1,027	1,019
Arkansas	1,023	1,019	1,019	1,021	1,020	1,023	1,024	1,015
California	1,022	1,019	1,037	1,041	1,043	1,041	1,034	1,040
Colorado	1,063	1,055	1,058	1,051	1,047	1,045	1,051	1,041
Connecticut	1,029	1,029	1,030	1,030	1,031	1,030	1,030	1,029
Delaware	1,033	1,032	1,036	1,036	1,034	1,033	1,033	1,034
District of Columbia	1,024	1,025	1,033	1,036	1,034	1,036	1,033	1,035
Florida	1,026	1,022	1,022	1,026	1,027	1,029	1,024	1,026
Georgia	1,029	1,030	1,025	1,027	1,028	1,029	1,028	1,027
Hawaii	918	919	919	919	918	917	918	917
Idaho	1,021	1,032	1,033	1,018	1,018	1,024	1,027	1,029
Illinois	1,046	1,044	1,042	1,046	1,045	1,045	1,040	1,042
Indiana	1,064	1,058	1,053	1,051	1,049	1,057	1,049	1,055
Iowa	1,070	1,070	1,061	1,066	1,072	1,064	1,070	1,069
Kansas	1,034	1,026	1,030	1,027	1,034	1,039	1,033	1,040
Kentucky	1,041	1,042	1,047	1,048	1,048	1,049	1,055	1,062
Louisiana	1,022	1,018	1,018	1,016	1,019	1,020	1,015	1,015
Maine	1,040	1,045	1,045	1,040	1,045	1,050	1,042	1,045
Maryland	1,033	1,038	1,037	1,040	1,039	1,042	1,039	1,041
Massachusetts	1,029	1,029	1,029	1,030	1,033	1,032	1,030	1,030
Michigan	1,061	1,062	1,059	1,060	1,059	1,056	1,054	1,057
Minnesota	1,069	1,075	1,065	1,063	1,063	1,057	1,061	1,057
Mississippi	1,023	1,026	1,020	1,028	1,026	1,020	1,027	1,025
Missouri	1,025	1,020	1,019	1,021	1,023	1,024	1,021	1,021
Montana	1,050	1,056	1,059	1,056	1,059	1,059	1,055	1,062
Nebraska	1,062	1,057	1,055	1,054	1,054	1,053	1,055	1,052
Nevada	1,041	1,039	1,038	1,043	1,046	1,049	1,045	1,044
New Hampshire	1,032	1,030	1,032	1,031	1,035	1,044	1,033	1,035
New Jersey	1,038	1,037	1,039	1,042	1,041	1,041	1,038	1,042
New Mexico	1,026	1,022	1,035	1,025	1,030	1,027	1,026	1,024
New York	1,031	1,031	1,033	1,033	1,033	1,032	1,032	1,032
North Carolina	1,034	1,032	1,033	1,032	1,034	1,034	1,032	1,036
North Dakota	1,042	1,054	1,054	1,054	1,054	1,051	1,058	1,058
Ohio	1,063	1,064	1,063	1,066	1,066	1,066	1,066	1,073
Oklahoma	1,031	1,025	1,023	1,030	1,037	1,040	1,033	1,039
Oregon	1,065	1,068	1,060	1,065	1,071	1,069	1,068	1,070
Pennsylvania	1,036	1,037	1,039	1,038	1,037	1,037	1,036	1,039
Rhode Island	1,028	1,028	1,028	1,028	1,029	1,029	1,028	1,028
South Carolina	1,031	1,029	1,028	1,029	1,032	1,033	1,029	1,033
South Dakota	1,089	1,090	1,093	1,091	1,093	1,083	1,082	1,083
Tennessee	1,020	1,025	1,024	1,029	1,025	1,029	1,028	1,044
Texas	1,018	1,016	1,016	1,016	1,018	1,021	1,019	1,018
Utah	1,044	1,046	1,044	1,042	1,049	1,049	1,047	1,051
Vermont	1,039	1,044	1,044	1,042	1,046	1,047	1,037	1,045
Virginia	1,044	1,044	1,048	1,048	1,046	1,049	1,050	1,058
Washington	1,088	1,088	1,092	1,086	1,088	1,093	1,091	1,071
West Virginia	1,079	1,078	1,083	1,093	1,077	1,062	1,082	1,074
Wisconsin	1,040	1,038	1,046	1,043	1,046	1,050	1,044	1,054
Wyoming	1,042	1,050	1,057	1,065	1,070	1,064	1,056	1,070
Total	1,034	1,033	1,035	1,037	1,039	1,039	1,036	1,040

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2022-2024

Btu per cubic foot - continued

State or district	2023							
	November	October	September	August	July	June	May	April
Alabama	1,033	1,029	1,029	1,030	1,031	1,031	1,030	1,029
Alaska	998	997	997	997	998	999	999	995
Arizona	1,025	1,024	1,027	1,028	1,028	1,029	1,027	1,022
Arkansas	1,020	1,021	1,022	1,024	1,024	1,022	1,021	1,021
California	1,035	1,031	1,034	1,036	1,035	1,037	1,037	1,035
Colorado	1,045	1,042	1,066	1,063	1,068	1,060	1,051	1,049
Connecticut	1,030	1,030	1,029	1,029	1,030	1,029	1,029	1,029
Delaware	1,035	1,034	1,032	1,034	1,033	1,032	1,033	1,033
District of Columbia	1,035	1,032	1,026	1,025	1,025	1,025	1,030	1,036
Florida	1,024	1,023	1,022	1,023	1,025	1,025	1,022	1,021
Georgia	1,028	1,028	1,030	1,029	1,030	1,030	1,029	1,027
Hawaii	917	918	919	919	919	918	918	918
Idaho	1,023	1,022	1,015	1,013	1,012	1,030	1,049	1,025
Illinois	1,043	1,045	1,041	1,043	1,044	1,040	1,042	1,041
Indiana	1,058	1,063	1,061	1,061	1,050	1,046	1,051	1,043
Iowa	1,072	1,081	1,090	1,085	1,083	1,072	1,060	1,048
Kansas	1,032	1,030	1,034	1,035	1,035	1,030	1,025	1,028
Kentucky	1,054	1,051	1,044	1,040	1,041	1,042	1,046	1,047
Louisiana	1,017	1,018	1,018	1,019	1,018	1,017	1,021	1,015
Maine	1,043	1,040	1,040	1,043	1,043	1,039	1,039	1,038
Maryland	1,041	1,039	1,037	1,035	1,036	1,035	1,036	1,037
Massachusetts	1,030	1,029	1,029	1,029	1,030	1,029	1,029	1,029
Michigan	1,059	1,057	1,058	1,058	1,059	1,057	1,056	1,055
Minnesota	1,060	1,067	1,067	1,069	1,073	1,067	1,053	1,055
Mississippi	1,023	1,029	1,025	1,027	1,028	1,031	1,025	1,027
Missouri	1,020	1,023	1,026	1,023	1,023	1,023	1,021	1,021
Montana	1,066	1,063	1,062	1,051	1,049	1,049	1,054	1,054
Nebraska	1,054	1,061	1,066	1,066	1,071	1,059	1,054	1,045
Nevada	1,043	1,035	1,040	1,043	1,042	1,042	1,044	1,047
New Hampshire	1,033	1,029	1,030	1,030	1,033	1,030	1,030	1,031
New Jersey	1,040	1,038	1,037	1,035	1,034	1,034	1,037	1,036
New Mexico	1,023	1,023	1,026	1,027	1,027	1,024	1,027	1,025
New York	1,032	1,032	1,031	1,030	1,031	1,030	1,030	1,031
North Carolina	1,034	1,034	1,033	1,033	1,030	1,032	1,033	1,032
North Dakota	1,046	1,060	1,060	1,047	1,045	1,042	1,044	1,044
Ohio	1,067	1,066	1,063	1,061	1,061	1,064	1,065	1,066
Oklahoma	1,030	1,023	1,028	1,034	1,035	1,037	1,032	1,036
Oregon	1,070	1,061	1,062	1,058	1,060	1,070	1,089	1,069
Pennsylvania	1,037	1,037	1,037	1,036	1,036	1,035	1,035	1,037
Rhode Island	1,031	1,028	1,028	1,029	1,028	1,029	1,027	1,030
South Carolina	1,030	1,029	1,029	1,029	1,030	1,030	1,029	1,028
South Dakota	1,090	1,093	1,095	1,094	1,086	1,078	1,077	1,078
Tennessee	1,029	1,025	1,022	1,019	1,018	1,018	1,022	1,019
Texas	1,016	1,017	1,018	1,021	1,019	1,018	1,018	1,015
Utah	1,044	1,043	1,043	1,045	1,045	1,045	1,044	1,050
Vermont	1,045	1,039	1,040	1,044	1,042	1,039	1,039	1,039
Virginia	1,056	1,047	1,050	1,047	1,045	1,048	1,049	1,054
Washington	1,091	1,088	1,089	1,089	1,089	1,080	1,094	1,095
West Virginia	1,071	1,080	1,083	1,071	1,076	1,099	1,059	1,089
Wisconsin	1,048	1,040	1,039	1,044	1,042	1,040	1,038	1,040
Wyoming	1,064	1,059	1,060	1,060	1,061	1,056	1,051	1,061
Total	1,037	1,035	1,034	1,035	1,035	1,034	1,034	1,035

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2022-2024

Btu per cubic foot - continued

State or district	2023			2022				
	March	February	January	Total	December	November	October	September
Alabama	1,026	1,028	1,029	1,031	1,030	1,029	1,033	1,032
Alaska	995	992	992	984	993	985	985	975
Arizona	1,026	1,028	1,028	1,031	1,035	1,029	1,028	1,035
Arkansas	1,020	1,021	1,022	1,022	1,022	1,020	1,021	1,024
California	1,038	1,042	1,049	1,035	1,041	1,038	1,036	1,043
Colorado	1,044	1,046	1,044	1,054	1,051	1,046	1,057	1,068
Connecticut	1,031	1,031	1,031	1,030	1,031	1,030	1,029	1,029
Delaware	1,034	1,034	1,034	1,033	1,035	1,034	1,033	1,033
District of Columbia	1,040	1,040	1,038	1,034	1,040	1,034	1,030	1,030
Florida	1,023	1,024	1,028	1,025	1,028	1,025	1,027	1,025
Georgia	1,027	1,028	1,029	1,029	1,029	1,027	1,032	1,033
Hawaii	918	917	918	917	917	916	916	918
Idaho	1,016	1,025	1,031	1,024	1,033	1,021	1,018	1,020
Illinois	1,042	1,043	1,045	1,041	1,045	1,045	1,048	1,044
Indiana	1,041	1,043	1,046	1,052	1,048	1,049	1,056	1,060
Iowa	1,057	1,058	1,060	1,066	1,060	1,064	1,067	1,073
Kansas	1,032	1,034	1,039	1,033	1,038	1,038	1,035	1,039
Kentucky	1,041	1,046	1,044	1,048	1,043	1,044	1,050	1,047
Louisiana	1,014	1,015	1,016	1,019	1,021	1,016	1,020	1,024
Maine	1,044	1,046	1,044	1,043	1,048	1,037	1,040	1,043
Maryland	1,040	1,042	1,042	1,039	1,044	1,037	1,036	1,036
Massachusetts	1,029	1,032	1,031	1,030	1,031	1,030	1,031	1,028
Michigan	1,056	1,055	1,055	1,057	1,054	1,050	1,057	1,058
Minnesota	1,059	1,050	1,056	1,054	1,067	1,050	1,051	1,058
Mississippi	1,026	1,028	1,030	1,029	1,030	1,027	1,027	1,034
Missouri	1,020	1,022	1,022	1,022	1,023	1,024	1,025	1,026
Montana	1,053	1,053	1,066	1,051	1,056	1,052	1,046	1,054
Nebraska	1,046	1,043	1,046	1,057	1,042	1,049	1,056	1,059
Nevada	1,046	1,049	1,061	1,042	1,061	1,049	1,038	1,047
New Hampshire	1,032	1,036	1,034	1,034	1,036	1,032	1,030	1,030
New Jersey	1,041	1,041	1,042	1,038	1,040	1,038	1,036	1,036
New Mexico	1,023	1,027	1,029	1,031	1,032	1,030	1,029	1,035
New York	1,033	1,033	1,033	1,032	1,034	1,032	1,031	1,030
North Carolina	1,033	1,033	1,035	1,031	1,035	1,032	1,031	1,031
North Dakota	1,049	1,048	1,050	1,058	1,054	1,052	1,046	1,048
Ohio	1,066	1,064	1,065	1,066	1,066	1,066	1,066	1,062
Oklahoma	1,033	1,039	1,042	1,034	1,045	1,039	1,044	1,033
Oregon	1,067	1,072	1,067	1,066	1,064	1,061	1,055	1,069
Pennsylvania	1,038	1,038	1,038	1,037	1,038	1,036	1,036	1,035
Rhode Island	1,031	1,032	1,032	1,030	1,031	1,031	1,030	1,029
South Carolina	1,027	1,029	1,032	1,030	1,032	1,029	1,031	1,032
South Dakota	1,076	1,075	1,073	1,076	1,072	1,072	1,073	1,075
Tennessee	1,024	1,027	1,026	1,029	1,023	1,025	1,030	1,024
Texas	1,015	1,019	1,016	1,019	1,019	1,015	1,016	1,021
Utah	1,048	1,049	1,057	1,045	1,054	1,047	1,044	1,047
Vermont	1,044	1,046	1,044	1,042	1,048	1,040	1,039	1,043
Virginia	1,051	1,053	1,048	1,049	1,050	1,048	1,044	1,046
Washington	1,099	1,098	1,094	1,088	1,091	1,089	1,081	1,092
West Virginia	1,067	1,076	1,078	1,086	1,065	1,106	1,085	1,087
Wisconsin	1,039	1,046	1,049	1,046	1,053	1,046	1,043	1,044
Wyoming	1,062	1,058	1,060	1,058	1,060	1,059	1,058	1,061
Total	1,036	1,038	1,039	1,036	1,041	1,036	1,036	1,036

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2022-2024

Btu per cubic foot – continued

State or district	2022							
	August	July	June	May	April	March	February	January
Alabama	1,032	1,033	1,032	1,033	1,029	1,029	1,026	1,029
Alaska	972	974	979	985	984	990	987	985
Arizona	1,032	1,027	1,032	1,026	1,025	1,029	1,037	1,035
Arkansas	1,027	1,023	1,023	1,020	1,020	1,019	1,018	1,022
California	1,035	1,031	1,032	1,031	1,032	1,031	1,037	1,036
Colorado	1,066	1,062	1,062	1,057	1,053	1,049	1,052	1,056
Connecticut	1,029	1,029	1,029	1,028	1,030	1,030	1,032	1,032
Delaware	1,034	1,033	1,033	1,033	1,035	1,033	1,033	1,034
District of Columbia	1,030	1,029	1,027	1,028	1,037	1,039	1,041	1,041
Florida	1,027	1,024	1,026	1,026	1,024	1,025	1,025	1,025
Georgia	1,031	1,028	1,028	1,029	1,027	1,027	1,028	1,029
Hawaii	918	919	919	918	915	915	918	918
Idaho	1,019	1,025	1,026	1,025	1,030	1,030	1,017	1,020
Illinois	1,042	1,042	1,042	1,045	1,042	1,042	1,043	1,043
Indiana	1,058	1,059	1,055	1,055	1,052	1,049	1,052	1,052
Iowa	1,075	1,076	1,070	1,058	1,061	1,061	1,064	1,065
Kansas	1,038	1,033	1,035	1,034	1,031	1,029	1,035	1,034
Kentucky	1,044	1,046	1,046	1,046	1,047	1,056	1,048	1,048
Louisiana	1,019	1,017	1,017	1,017	1,015	1,018	1,017	1,018
Maine	1,040	1,037	1,038	1,045	1,042	1,043	1,049	1,050
Maryland	1,036	1,035	1,035	1,034	1,039	1,041	1,045	1,045
Massachusetts	1,029	1,029	1,029	1,029	1,028	1,030	1,032	1,033
Michigan	1,062	1,060	1,058	1,060	1,056	1,055	1,055	1,055
Minnesota	1,059	1,055	1,052	1,059	1,048	1,047	1,053	1,053
Mississippi	1,029	1,027	1,027	1,029	1,032	1,029	1,024	1,022
Missouri	1,026	1,022	1,023	1,021	1,020	1,020	1,021	1,021
Montana	1,053	1,046	1,051	1,052	1,043	1,048	1,049	1,049
Nebraska	1,063	1,071	1,069	1,057	1,054	1,050	1,050	1,049
Nevada	1,041	1,035	1,037	1,038	1,035	1,032	1,039	1,044
New Hampshire	1,031	1,031	1,032	1,034	1,031	1,032	1,036	1,041
New Jersey	1,036	1,036	1,038	1,038	1,039	1,046	1,049	1,052
New Mexico	1,041	1,033	1,029	1,029	1,033	1,029	1,031	1,028
New York	1,032	1,031	1,031	1,031	1,032	1,033	1,034	1,033
North Carolina	1,030	1,030	1,030	1,031	1,032	1,033	1,033	1,033
North Dakota	1,056	1,058	1,056	1,054	1,049	1,061	1,051	1,054
Ohio	1,060	1,060	1,062	1,064	1,066	1,067	1,068	1,069
Oklahoma	1,039	1,028	1,028	1,030	1,029	1,026	1,031	1,034
Oregon	1,066	1,067	1,064	1,069	1,071	1,070	1,069	1,062
Pennsylvania	1,035	1,035	1,035	1,035	1,037	1,038	1,037	1,036
Rhode Island	1,030	1,029	1,029	1,028	1,030	1,028	1,031	1,032
South Carolina	1,030	1,028	1,029	1,031	1,029	1,029	1,030	1,031
South Dakota	1,077	1,075	1,068	1,065	1,070	1,074	1,074	1,073
Tennessee	1,020	1,018	1,020	1,026	1,027	1,027	1,027	1,025
Texas	1,020	1,018	1,018	1,016	1,015	1,015	1,017	1,016
Utah	1,044	1,038	1,041	1,044	1,041	1,037	1,041	1,044
Vermont	1,040	1,037	1,038	1,038	1,046	1,044	1,048	1,038
Virginia	1,047	1,043	1,049	1,045	1,054	1,054	1,052	1,057
Washington	1,091	1,092	1,077	1,083	1,089	1,090	1,091	1,089
West Virginia	1,059	1,100	1,112	1,046	1,093	1,089	1,091	1,082
Wisconsin	1,042	1,044	1,042	1,043	1,045	1,045	1,049	1,047
Wyoming	1,065	1,060	1,061	1,063	1,060	1,055	1,059	1,062
Total	1,035	1,033	1,033	1,034	1,035	1,036	1,038	1,038

Source: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*, and Form EIA-923, *Power Plant Operations Report*.

Note: Geographic coverage is the 50 states and the District of Columbia. Heating value is the average number of British thermal units (Btu) per cubic foot of natural gas as reported on Form EIA-857. Appendix A, Explanatory Note 11, contains further information.

Table 26. Natural gas home customer-weighted heating degree days

Month/year/type of data	New England	Middle Atlantic	East North Central	West North Central	South Atlantic
	CT, ME, MA, NH, RI, VT	NJ, NY, PA	IL, IN, MI, OH, WI	IA, KS, MN, MO, ND, NE, SD	DE, FL, GA, MD, DC, NC, SC, VA, WV
November					
Normal	702	665	758	841	442
2023	765	689	737	754	455
2024	620	587	619	714	341
% Diff (normal to 2024)	-11.7	-11.7	-18.3	-15.1	-22.9
% Diff (2023 to 2024)	-19.0	-14.8	-16.0	-5.3	-25.1
December					
Normal	1,045	994	1,136	1,250	700
2023	856	844	854	920	598
2024	1,053	990	1,036	1,086	682
% Diff (normal to 2024)	0.8	-0.4	-8.8	-13.1	-2.6
% Diff (2023 to 2024)	23.0	17.3	21.3	18.0	14.1
November to December					
Normal	1,747	1,659	1,894	2,091	1,142
2023	1,621	1,533	1,591	1,674	1,053
2024	1,673	1,577	1,655	1,800	1,023
% Diff (normal to 2024)	-4.2	-4.9	-12.6	-13.9	-10.4
% Diff (2023 to 2024)	3.2	2.9	4.0	7.5	-2.9

Month/year/type of data	East South Central	West South Central	Mountain	Pacific ^b	U.S. Average ^b
	AL, KY, MS, TN	AR, LA, OK, TX	AZ, CO, ID, MT, NV, NM, UT, WY	CA, OR, WA	
November					
Normal	454	305	739	366	589
2023	431	303	674	306	567
2024	314	198	765	403	512
% Diff (normal to 2024)	-30.8	-35.1	3.5	10.1	-13.1
% Diff (2023 to 2024)	-27.2	-34.7	13.5	31.7	-9.7
December					
Normal	722	537	998	531	884
2023	603	437	877	426	707
2024	642	390	835	427	796
% Diff (normal to 2024)	-11.1	-27.4	-16.3	-19.6	-10.0
% Diff (2023 to 2024)	6.5	-10.8	-4.8	0.2	12.6
November to December					
Normal	1,176	842	1,737	897	1,473
2023	1,034	740	1,551	732	1,274
2024	956	588	1,600	830	1,308
% Diff (normal to 2024)	-18.7	-30.2	-7.9	-7.5	-11.2
% Diff (2023 to 2024)	-7.5	-20.5	3.2	13.4	2.7

^a Normal is based on calculations of data from 1971 through 2000.

^b Excludes Alaska and Hawaii.

Source: National Oceanic and Atmospheric Administration.

Note: Appendix A, Explanatory Note 10, contains a discussion of heating degree days computations.

Appendix A

Explanatory Notes

The U.S. Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly* (NGM). The information in this appendix is provided to assist users in understanding the monthly data. Table A1 lists the methodologies for deriving the data to be published for the most recent months shown in Tables 1 and 2. The following explanatory notes describe sources for all NGM tables.

Table A1. Methodology for most recent monthly natural gas supply and disposition data of tables 1 and 2

Components	Reporting methodology
Supply and disposition	
Marketed production	Estimated from sample data reported on Form EIA-914
Natural gas plant liquid (NGPL) production	Derived from data reported on Form EIA-816
Dry production	Marketed production minus NGPL production
Withdrawals from storage	Reported on Form EIA-191
Supplemental gaseous fuels	Derived from supply estimates and coal gasification information
Imports	Derived from the Office of Fossil Energy and Carbon Management
Additions to storage	Reported on Form EIA-191
Exports	Derived from the Office of Fossil Energy and Carbon Management
Current-month consumption	Reported on Form EIA-857, Form EIA-923, and other sources below
Consumption by sector	
Lease and plant fuel	Derived from marketed production
Pipeline and distribution use	Derived from deliveries to consumers
Residential	Estimated from sample data reported on Form EIA-857
Commercial	Estimated from sample data reported on Form EIA-857
Industrial	Estimated from sample data reported on Form EIA-857
Electric power	Estimated from sample data reported on Form EIA-923
Vehicle fuel	EIA computations

Note 1. Production

Monthly data

Estimates of gross withdrawals and marketed production for the Lower 48 states are derived from submissions by well operators on the monthly Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*. For 2024 forward, volumes are available only for those states/areas that were collected

individually on the EIA-914 report (Arkansas, California (including state offshore), Colorado, Federal Offshore Gulf of Mexico, Kansas, Louisiana (including state offshore), Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas (including state offshore), Utah, West Virginia, and Wyoming). The *other states* category comprises states/areas not individually collected on the EIA-914 report (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia). All data for Alaska are obtained directly from the state. The sum of individual states may not equal total U.S. volumes due to independent rounding. (See the [EIA-914 Methodology](#) for an explanation of the procedure for estimating state gross withdrawals from reported volumes.)

Marketed production is estimated from gross withdrawals using historical relationships between the two. All monthly data are considered preliminary up to the cover year of the most recent [Natural Gas Annual](#).

Annual data

Natural gas production data (gross withdrawals, gas vented and flared, repressuring, nonhydrocarbon gases removed, fuel used on leases, and marketed production) were obtained directly from the state agencies where available, or, in some cases, from EIA-914 estimates, state sponsored public record databases, or commercial data vendors such as Enverus DrillingInfo or IHS Markit. Production data for the Federal Gulf of Mexico region are provided by the U.S. Bureau of Safety and Environmental Enforcement (BSEE). Federal Offshore Pacific production, currently allocated to California, is also collected from BSEE.

Note 2. Natural gas plant liquid (NGPL) production

Monthly data

Monthly NGPL production is reported by gas processing plants on Form EIA-816, *Monthly Natural Gas Liquids Report*. These liquid volumes are converted to natural gas equivalents using factors consistent with industry standards published by the Gas Processors Association, and instructions to respondents to EIA's annual survey of gas processing plants, Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*. Separate values are used for ethane, propane, isobutane, and normal butane. A value for "natural gasoline," reflecting pentanes and higher, is used. A separate value for isopentane is also used when reporting facilities have the capability to separate out and market isopentane on its own. The value for natural gasoline also includes isopentane - this value is used when estimating the volumetric equivalent of "pentanes plus" produced. These factors all are for "real" rather than "ideal" gas volumes stated at a pressure of 14.73 pounds per square inch absolute (psia) at 60 degrees Fahrenheit on a dry basis.

Annual data

The final NGPL production estimates, published in the NGA, incorporate information received from gas processing plants on Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*. Monthly NGPL production estimates are recalibrated to equate to this total.

Note 3. Supplemental gaseous fuels

Monthly data

All monthly data are considered preliminary until after the publication of the NGA for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Monthly data are revised after publication of the NGA. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This revised ratio is applied to the revised monthly sum of these three supply elements to compute final monthly data.

Annual data

Annual data on supplemental gaseous fuel supply are reported on Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Note 4. Imports and Exports

Monthly and annual data – imports

Monthly import and export data are from Form FE-746R, *Import and Export of Natural Gas*, from the Office of Fossil Energy and Carbon Management, U.S. Department of Energy. Annual data are the aggregate of the monthly data for that year.

Note 5. Natural gas storage

Note that final monthly and annual storage levels, additions, and withdrawal data shown in Table 1 for 2019 through 2022 include both underground and liquefied natural gas (LNG) storage. Beginning in January 2013, U.S. totals include Alaska data. Prior to 2013, totals only included data from the lower 48 states. Beginning in November 2015, new region breakouts of the storage data shown in Tables 12 and 13 were introduced, replacing the Producing, East, and West region breakouts. The states included in each of these five regions are as follows:

East Region: Connecticut, Delaware, District of Columbia, Florida, Georgia, Massachusetts, Maryland, Maine, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Vermont, Virginia, and West Virginia.

South Central Region: Alabama, Arkansas, Kansas, Louisiana, Mississippi, Oklahoma, and Texas.

Midwest Region: Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Tennessee, and Wisconsin.

Mountain Region: Arizona, Colorado, Idaho, Montana, Nebraska, Nevada, New Mexico, North Dakota, South Dakota, Utah, and Wyoming.

Pacific Region: California, Oregon, and Washington.

Monthly data

Preliminary and final monthly data on underground storage levels, additions, and withdrawals are from the Form EIA-191, *Monthly Underground Gas Storage Report*. All operators of underground storage fields complete the survey.

Estimates of monthly LNG additions and withdrawals are calculated by applying the proportion of each month's net injections to underground storage during the injection season to annual LNG additions and the proportion of each month's net withdrawals from underground storage during the withdrawal season to annual LNG withdrawals.

There are three principal types of underground storage facilities in operation in the United States today: salt caverns (caverns hollowed out in salt "bed" or "dome" formations), depleted fields (depleted reservoirs in oil and/or gas fields), and aquifer reservoirs (water-only reservoirs conditioned to hold natural gas). A storage facility's daily deliverability or withdrawal capability is the amount of gas that can be withdrawn from it in a 24-hour period. Salt cavern storage facilities generally have high deliverability because all of the working gas in a given facility can be withdrawn in a relatively short period of time. (A typical salt cavern cycle is 10 days to deplete working gas, and 20 days to refill working gas.) By contrast, depleted field and aquifer reservoirs are designed and operated to withdraw all working gas over the course of an entire heating season (about 150 days). Further, while both traditional and salt cavern facilities can be switched from withdrawal to injection operations during the heating season, this is usually more quickly and easily done in salt cavern facilities, reflecting their greater operational flexibility.

Annual data

Final annual data on additions and withdrawals from underground storage facilities are the sum of the monthly data from the EIA-191.

Annual data on LNG additions and withdrawals are from the EIA-176.

Note 6. Consumption

Monthly data

All monthly data are considered preliminary until after publication of the NGA.

Annual data

All annual data are from the NGA. Total consumption is the sum of the components of consumption listed below. Monthly data are revised after publication of the NGA.

Residential, commercial, and industrial consumption

Preliminary estimates of monthly deliveries of natural gas to residential, commercial, and industrial consumers in 50 states are based on data reported on Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries*. See Appendix C, "Statistical Considerations," for a detailed explanation of sample selection and estimation procedures. Monthly data for a given year are revised after the publication of the NGA to correct for any sampling errors. Final

monthly data are estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

Vehicle fuel use

Monthly U.S. total estimates of natural gas (compressed or liquefied) used as vehicle fuel are derived from an annual estimate of vehicle fuel use provided by the Office of Electricity, Renewables, and Uranium Statistics of EIA.

Electric power consumption

Monthly estimates of deliveries of natural gas to electric power producers are derived from data submitted by the sample of electric power producers reporting monthly on Form EIA-923, *Power Plant Operations Report*, which replaced Form EIA-906, *Power Plant Report*, and Form EIA-920, *Combined Heat and Power Plant Report*. The estimates reported in the NGM represent gas delivered to electricity-only plants (utility and independent power producers) and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public. For a discussion of these estimates, see the [Electric Power Monthly](#).

Pipeline and distribution use

Preliminary monthly estimates are based on the pipeline fuel consumption as an annual percentage of total consumption from the previous year's Form EIA-176. This percentage is applied to each month's sum of total deliveries plus lease and plant fuel to compute the monthly estimate.

Monthly data are revised after the publication of the NGA. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each month's revised sum of total deliveries plus lease and plant fuel to compute final monthly pipeline fuel consumption estimates.

Lease and plant fuel consumption

Preliminary monthly data are estimated based on lease and plant fuel consumption as an annual percentage of marketed production. This percentage is applied to each month's marketed production figure to compute estimated lease and plant fuel consumption.

Monthly data are revised after publication of the NGA. Final monthly plant fuel data are based on a revised annual ratio of plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each month's revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected directly from state agencies' websites where available. For states where these data are not available, lease fuel quantities were estimated by applying an average of the states' historical ratio of lease fuel to gross withdrawals. See the NGA for a complete discussion of this process.

Note 7. Balancing item

The balancing item category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting problems or to issues in survey coverage. Preliminary monthly data in the balancing item category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total disposition. The balancing item may reflect problems in any of the surveys comprising natural gas supply or disposition.

Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents. Survey coverage problems include incomplete survey frames or problems in sampling design.

Annual data are from the NGA. For an explanation of the methodology used in calculating the annual balancing item, see the NGA.

Note 8. Average price of deliveries to consumers

For most states, price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers by local distribution companies. Published prices are considered to be total prices paid by end-users per thousand cubic feet of natural gas in the respective sectors, inclusive of all tax, delivery, commodity, demand and other charges. In the states of Georgia, Maryland, New York, Ohio, and Pennsylvania, the residential and commercial sector prices reported in the NGM include data on prices of gas sold to customers in those sectors by energy marketers. These latter data are collected on Form EIA-910, *Monthly Natural Gas Marketer Survey*. In 2008 through 2010, in the states of Florida, Georgia, Maryland, New Jersey, New York, Ohio, Pennsylvania, and Virginia, residential price data were based on total gas deliveries, and, in the states of Florida, Georgia, Maryland, Michigan, New York, Ohio, Pennsylvania, Virginia, and the District of Columbia, commercial price data were based on total gas deliveries. Beginning in 2011, however, residential and commercial price data are based on total gas deliveries in the states of Georgia, New York and Ohio only. Residential and commercial sector prices reported in the NGM include data on prices of gas sold to customers in those states by energy marketers as data quality becomes acceptable. Except for these states, none of the prices reflect average prices of natural gas transported to consumers for the account of third parties. Table 24 indicates the percentage of total deliveries included in residential, commercial, and industrial price estimates.

Prices of natural gas delivered to the electric power sector are derived from data reported on the Form EIA-923, *Power Plant Operations Report*. Prices from these surveys are also published in the [Electric Power Monthly](#).

Note 9. NGPL composite spot price and natural gas spot price

Monthly data

The natural gas plant liquids (NGPL) composite price published in the NGM is derived from spot price data at Mont Belvieu, Texas, from Bloomberg. Daily closing spot prices for ethane, propane, butane, isobutane, and natural gasoline (pentanes plus) are each averaged into a monthly series, then weighted according to the portion of a representative natural gas plant liquids barrel that they occupy. Volume weights are updated monthly using the latest available data collected on Form EIA-816, *Monthly Natural Gas Liquids Report*. The NGPL composite price excludes natural gas liquids produced at crude oil refineries.

Bloomberg spot price data for each natural gas liquids (NGL) product are in cents per gallon. EIA converts these prices into dollars per barrel. Using heat conversion factors from Table A1 in the appendix of the *Annual Energy Review*, "Approximate Heat Content of Petroleum Products," the prices are converted to dollars per million British thermal units (MMBtu) for each natural gas liquid.

The NGPL composite spot price is calculated as:

$$P = \sum \left(p_i * \frac{v_i}{V} \right)$$

where:

P = the NGPL composite spot price in dollars per MMBtu,

p_i = the monthly spot price for natural gas liquids product i in dollars per MMBtu,

V = the total volume of natural gas plant liquids produced in the report month,

v_i = the monthly production volume for natural gas plant liquids product i .

The natural gas spot price is the simple average of the daily closing spot prices for natural gas at the Henry Hub in Louisiana. This series is published by Refinitiv, an LSEG business, and republished by EIA with permission.

Annual data

The annual NGPL composite spot price represents the average cost of a representative barrel of NGPL in a given year. This annual figure is calculated as the total cost of all NGPL products sold, as priced at Mont Belvieu, divided by the total volume of all NGPL products produced for the year derived by summing the months of natural gas plant liquids production data collected on Form EIA-816.

The annual natural gas spot price represents the average of daily closing spot prices for dry natural gas at the Henry Hub in Louisiana in a given year.

Note 10. Heating degree-days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day databases maintained by the National Oceanic and Atmospheric Administration. The information published in the NGM, is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the country. The temperature information recorded at these weather stations is used to calculate statewide degree-day averages weighted by gas home customers. The state figures are then aggregated into Census Divisions and into the national average. Table 26 of this report presents the Heating Degree data, and is included in the December through April NGM publications.

Note 11. Heat content

The Form EIA-857 collects volume and cost data on natural gas delivered to residential, commercial, and industrial consumers, as shown in Tables 2 and 25 of the NGM. Data are reported by a sample of natural gas companies that deliver to consumers in the United States. Respondents are instructed to calculate the average heat content (Btu) by summing the total Btu delivered each month (volume delivered directly to consumers) multiplied by average Btu content per unit volume and then dividing by the total volume delivered directly to consumers during that month. The average Btu content for each month should be that used for billing purposes whether billing was on a therm (100,000 Btu) or dekatherm (1,000,000 Btu) basis. The value for heat content is expected to be in the range of 900 to 1200 Btu/cubic foot.

Appendix B

Data Sources

The data in this publication are taken from survey reports collected by the U.S. Energy Information Administration (EIA), the Federal Energy Regulatory Commission (FERC), and the Office of Fossil Energy and Carbon Management of the U.S. Department of Energy (DOE). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE that has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The Office of Fossil Energy and Carbon Management has the authority under Section 3 of the Natural Gas Act of 1938 to grant authorizations for the import and export of natural gas.

Data are collected from annual, quarterly, and monthly surveys. The primary annual report is the Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*, a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across state lines. Another annual report, Form EIA-895, *Annual Quantity and Value of Natural Gas Production Report*, was completed by agencies in the 32 gas producing states through 2010. EIA obtained similar data directly from the states beginning in 2011. The EIA-895 Form collected volumes of natural gas gross withdrawals, those vented and flared, returned to formation, or used on the lease, and the volume of nonhydrocarbons removed from the produced stream. It also collected information on the value of marketed production. The Office of Fossil Energy and Carbon Management provides monthly and quarterly files of data on imports and exports. The monthly reports include surveys of the natural gas industry, and of the electric power industry. The monthly natural gas industry surveys are: the Form EIA-191, filed by companies that operate underground storage facilities in the Lower 48 states; the Form EIA-914, filed by a sample of companies that operate wells producing natural gas; the Form EIA-857, filed by a sample of companies that deliver natural gas to consumers; and the Form EIA-910, filed by natural gas marketers in select states. The electric power industry source for both price and consumption data is Form EIA-923, *Power Plant Operations Report*. Responses to all current surveys are mandatory. A description of the survey respondents, reporting requirements, and processing of the data is given on the following pages for each of the natural gas surveys. Copies of the forms and instructions are available on the EIA website. Further information about Electric Power forms can be found in Appendix C of the [Electric Power Monthly](#).

Form EIA-176, Annual Report of Natural and Supplemental Gas Supply and Disposition

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies; investor and municipally owned natural gas distributors; underground natural gas storage operators; synthetic natural gas plant operators; field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities); and/or companies that transport gas across a state border through field or gathering facilities. Each company is required to file if it meets the survey specifications. The mailing in 2024 for report year 2023 totaled approximately 2,140 questionnaire packages. While final nonresponse rates vary, the rates have averaged about 1 percent in recent years.

The Form EIA-176 is a multi-line, multi-page schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the state indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year are due by March 1st. Extensions of the filing deadline for up to 30 days are granted to any respondent upon request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

Data from Form EIA-176 are also published in the [Natural Gas Annual](#) (NGA) and are available from the Form EIA-176 Query system posted on the EIA website. Data reported on this form are not considered proprietary. Response to the form is mandatory.

Form EIA-895, Monthly and Annual Quantity and Value of Natural Gas Report

Monthly production data were collected through Form EIA-895, *Monthly and Annual Quantity and Value of Natural Gas Report*, from January 1995 through December 2006. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the states. Data were not considered proprietary. All gas-producing states and the Bureau of Safety & Environmental Enforcement (and predecessor agencies) were requested to report on the Form EIA-895, a voluntary report that was used through 2010.

In 1996, an annual schedule was added to the voluntary Form EIA-895 to replace a prior annual production form. This annual schedule, designated Form EIA-895, continued to be used for collecting production data from states through 2010. In 2011, annual gas production data were obtained directly from publicly available state data.

The commercial recovery of methane from coalbeds and shale plays contributes a significant amount to the production totals in a number of states. Gross production quantities of natural gas from coalbed methane seams and shale plays (in thousand cubic feet) are obtained from IHS Markit. Previously, data from LCI Energy Insight (LCI) were used. In 2007-2009, an average daily production rate, available for each year, from coalbed methane and shale were used to allocate production data across months depending on the number of days in each month. For 2010 forward, monthly coalbed and shale data from LCI and, later, IHS Markit, were developed with the following method:

$$[\text{Quarterly Daily Shale Production Rate (MMcf/day)} \times \text{Number of Days in Quarter} \times 1000] \times [\text{Month Gross Production Volume} / \text{Quarter Gross Production Volume}]$$

Beginning in 2010, for Pennsylvania, the quarterly shale data were also used to create a gross production monthly pattern. Data for coalbed and shale gas wells are not shown in the *Natural Gas Monthly*; however, coalbed and shale breakouts are available via the [Natural Gas Navigator](#).

The EIA-895 also collected data on volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on

lease; and marketed production as well as the monthly volume and value of marketed production. From 2011 forward, these data were obtained directly from the states or, where it was not available, estimated by EIA. The annual schedule of the EIA-895 also collected data on the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; the value of marketed production; and quantity of marketed production (value based). From 2011 forward, the same items were obtained directly from the states or estimated by EIA where it was not available. All volumes are in thousand cubic feet at the states' standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Form EIA-914, Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report

The Form EIA-914 is a sample survey of well operators in the Lower 48 states and 16 states or regions (Arkansas, California, Colorado, Kansas, Louisiana, Montana, North Dakota, New Mexico, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and the Federal Offshore Gulf of Mexico). Current estimates of monthly production are based on this survey. The survey collects natural gas production volume information on a monthly basis, aggregated to the areas specifically requested. Two volumes are requested from respondents for each area in which they operate wells: (1) "gross withdrawals (wet)," which is the full-bore well stream gas minus lease condensate, oil, and water; and (2) "natural gas lease production," which is a measure indicating the net amount of produced gas leaving the lease to go to natural gas processing plants or directly to end-users. Estimates of gross withdrawals in a state are made from the reported gross withdrawal volumes. Marketed production is estimated from gross withdrawals using state estimates of repressuring, vented and flared, and nonhydrocarbon gases removed.

The EIA-914 survey form is an 11-page document, similar in format to other surveys in EIA's Office of Energy Production, Conversion, and Delivery. The form was designed based on direct input from potential respondents during pre-survey design visits and the quality and usability of the survey instrument were established with cognitive testing conducted by survey methodologists in EIA's Statistics and Methods Group. Based on the test results, the form includes imbedded instructions, intended to help respondents complete the form without the need to refer to instructions located elsewhere.

A full description of the survey methodology may be found at the [EIA-914 Methodology](#).

Form EIA-191, Underground Natural Gas Storage Report

The Form EIA-191, *Monthly Underground Natural Gas Storage Report*, is completed by approximately 140 companies that operate underground facilities in the United States (prior to 2013, Alaska data were not included in the EIA-191 survey). The final monthly and annual response rates are 100 percent. The Form EIA-191 monthly schedule contains current month data on the total quantities of gas in storage, injections and withdrawals, the location (including state and county, field, reservoir) and peak day withdrawals during the reporting period. The annual schedule contains type of facility, storage field capacity, maximum deliverability

and pipelines to which each field is connected. The annual schedule for the prior year is filed with the December submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the last day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are submitted on separate forms for each month. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

The *Monthly Energy Review* contains data from the Form EIA-191 survey.

Quarterly Natural Gas Import and Export Sales and Price Report

Beginning in 1995, import and export data have been taken from the *Quarterly Natural Gas Import and Export Sales and Price Report*. This report is prepared by the Office of Fossil Energy and Carbon Management, U.S. Department of Energy, based on information submitted by all firms having authorization to import or export natural gas. The Office of Fossil Energy and Carbon Management provides authorizations for imports or exports under Section 3 of the Natural Gas Act of 1938.

All companies are required, as a condition of their authorizations, to file monthly and quarterly reports with the Office of Fossil Energy and Carbon Management. The data are reported at a monthly level of detail.

Form EIA-857, Monthly Report of Natural Gas Purchases and Deliveries to Consumers

Monthly price and volume data on gas deliveries are collected on the Form EIA-857 from a sample of respondents representing the 50 states and the District of Columbia. Response to Form EIA-857 is mandatory and data are considered proprietary. Completed forms are required to be submitted to EIA on or before the 30th day after the end of the report month.

A sample of approximately 288 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies, report to the survey. The sample was selected independently for each of the 50 states and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 monthly. Each month about half the responses are received by the due date although response rates by first publication of the relevant month are approximately 95 percent. When a response is extremely late, volumes are imputed, as described in Appendix C, "Statistical Considerations." When the company's submission is eventually received, the submitted data are entered into the data system and used for subsequent processing and revisions.

Form EIA-857 data are used to estimate monthly sales of natural gas (volume and price) by state and monthly deliveries of natural gas on behalf of others (volume) by state to three consumer sectors --residential, commercial, and industrial. Data from Form EIA-857 are also used to calculate the citygate price. See Appendix

C for a discussion of the sample design and estimation procedures. Monthly prices of natural gas to the electric power sector are calculated from data reported on Form EIA-923, *Electric Power Plant Operations*. Data from Form EIA-857 are also used to calculate the citygate price.

Form EIA-910, Monthly Natural Gas Marketer Survey

The Form EIA-910, *Monthly Natural Gas Marketer Survey*, collects information on natural gas sales from marketers in selected states (Florida, Georgia, Illinois, Maryland, Massachusetts, Michigan, New Jersey, New York, Ohio, Pennsylvania, West Virginia, Virginia, and the District of Columbia) that have active customer choice programs. Beginning in 2011, the EIA-910 is collected only in Georgia, New York and Ohio. These states were selected based on the percentage of natural gas sold by marketers in the residential and commercial end-use sectors. The survey collects monthly price and volume data on natural gas sold by all marketers in the selected states. A natural gas marketer is a company that competes with other companies to sell natural gas service, but relies on regulated local distribution companies to deliver the gas. The data collected on the Form EIA-910 are integrated with residential and commercial price data from the Form EIA-857 for the states where the EIA-910 data are collected as data quality becomes acceptable. Response to the EIA-910 is mandatory and data are considered proprietary.

Approximately 176 natural gas marketers currently report to the survey. Final monthly survey response rates are 100 percent. Responses are filed with EIA in Washington, DC, on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit, and dollar values are reported as whole dollar.

Appendix C

Statistical Considerations

The monthly volumes and prices of natural gas to residential, commercial, and industrial consumers presented in this report by state are estimated from data reported on the Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.

Monthly prices in select states are supplemented with data from the Form EIA-910, *Monthly Natural Gas Marketer Survey*. (Appendix B, “Data Sources,” describes these Forms.)

A description of the sample design and the estimation procedures is given below.

Sample design

The Form EIA-857 implements a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate pipeline companies and local distribution companies.

The survey provides data that are used each month to estimate the volume of natural gas delivered and the price for onsystem sales of natural gas by state to three consumer sectors—residential, commercial, and industrial.

Monthly deliveries and prices of natural gas to the electric power sector are reported on the Form EIA-923, *Power Plant Operations Report*.

Sample universe. The sample of 288 respondents in use for 2023 and 2024 was selected from a universe of 2,098 companies. These companies were respondents to the Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*, for reporting year 2022, who reported sales or deliveries to consumers in the residential, commercial, or industrial sectors. (Appendix B contains a description of the Form EIA-176.)

Sampling plan. Beginning in 2012, EIA changed its sample design from single stage probability-proportional-to-size (“PPS”) to a cut off sample in order to reduce respondent burden and decrease processing costs. The skewness of the volume of reported natural gas within the primary traditional sectors of interest for the EIA-857, residential, commercial, and industrial, is sufficiently large to enable a cut-off design that will maintain estimates of similar quality as under the previous PPS sample design.

One of the purposes of the sample is to provide a ratio useful for scaling the monthly state sector volumes in the sample up to precise estimates of the actual state sector monthly volumes. In cases where at most two suppliers in a state service a particular sector, all suppliers are included in the cut off sample. In states with more than two suppliers in a sector, the cut off sample is constructed by adding suppliers in descending order of volume until the change in the ratio of interest is considered statistically insignificant.

The single stage PPS sample design typically yielded approximately 390 respondents for the EIA-857 during 2009-2011. The cutoff sample approach as described above reduces this figure to approximately 300 respondents.

Estimation procedures

Estimates of volumes. Total gas sales and deliveries is estimated as the sum of estimated volume of natural gas sales by EIA-857 sample companies and estimated volume of natural gas transported on behalf of others by EIA-857 sample companies. To estimate each component volume for a state, a ratio estimator is calculated separately for the volume of natural gas sales by EIA-857 sample companies and the volume of natural gas transported on behalf of others by EIA-857 sample companies. These ratios are then applied to the reported sales volumes and transportation volumes respectively. This is done in each state by sector for the sampled companies.

Ratio estimators are typically calculated for each consumer sector — residential, commercial, and industrial — in each state where companies are sampled using annual data from the most recent submission of Form EIA-176.

The classical ratio estimator (CRE) for the volume of gas in a state for consumer sector j is:

$$V_j = \sum_{i \in S} y_{ij} + \frac{\sum_{i \in S} y_{ij}}{\sum_{i \in S} x_{ij}} \sum_{i \notin S} x_{ij}$$

or

(1)

$$V_j = \frac{\sum_{i \in S} y_{ij}}{\sum_{i \in S} x_{ij}} \sum_{i \in S \cup S^c} x_{ij}$$

where for either the natural gas sales by **EIA-857 sample companies** or the natural gas transported on behalf of others by EIA-857 sample companies:

V_j = the estimate of monthly gas volumes in a state for consumer sector j ,

y_{ij} = the monthly volume within a state for sector j and company i ,

x_{ij} = the annual volume within a state for sector j and company i ,

Ideally, the ratio $\sum_{i \in S} y_{ij} / \sum_{i \in S} x_{ij}$ is calculated separately for each state by sector cross classification. However, because certain states have extremely small sample sizes, we combine some states for estimation purposes only, in order to obtain more stable estimates. The state groupings are referred to as estimation groups. For most states, especially the large ones, the ratio will continue to be estimated separately as described above. The final volume estimates, V_j , will continue to be published separately for all states.

When an estimation group involves more than one state, such states are geographical neighbors, and the states in each group fall within a temperature and precipitation region, as defined by the National Climatic Data Center (NCDC).

Grouping states this way is an application of small area estimation, where more reliable estimates are obtained by “borrowing strength” from neighboring states with similar climate patterns.

For most respondents, the estimation of residential and commercial consumption requires one additional step than the industrial sector. In this extra step the company level reported volumes are adjusted using sendout. Sendout, which was added to Form EIA-857 for the August 2010 report month, is the total volume of gas

dispatched for delivery during a calendar month. It should be noted that the adjusted volumes for the residential and commercial sector are used in equation 2.

The adjustment is implemented by taking reported sendout and removing gas that is consumed in company operations and distribution use as well as gas delivered to electric power, industrial, and vehicle use sectors. The remaining gas is allocated to the residential and commercial sectors proportionally based on reported totals for the report month. For a small number of companies, the adjustment to sendout is applied to all sectors in order to better represent their billing practices. In these cases, sendout is applied to all end-use sectors proportionally instead of just to residential and commercial.

The formulas for adjusting the reported residential and commercial volumes at the company level are:

$$Radj = (SO * (1 - Oth) - EP - IN) * \frac{R}{R + C} \quad (2)$$

$$Cadj = (SO * (1 - Oth) - EP - IN) * \frac{C}{R + C} \quad (3)$$

where:

R_{adj} = sendout adjusted residential volume,

C_{adj} = sendout adjusted commercial volume,

SO = sendout volume,

Oth = ratio of annual distribution use and vehicle fuel to total deliveries,

EP = reported electric power volume,

IN = reported industrial volume,

R = reported residential volume,

C = reported commercial volume.

Estimates of revenue. Revenue is calculated similarly to volumes. Sales revenue is estimated as the sum of estimated revenue from natural gas sales by EIA-857 sample companies for each sector by state and applying the ratio estimator in equation 1. Similar to volumes, states are combined if the sample size (by sector) is too small in order to estimate the ratio.

Computation of natural gas prices. The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales by natural gas companies except as explained below.

The price of natural gas within a state for sector j is calculated as follows:

$$P_j = \frac{R_j}{V_j} \quad (4)$$

where:

P_j = the average price for gas sales within a state for consumer sector j ,

R_j = the reported revenue from natural gas sales within a state for consumer sector j ,

V_j = the reported volume of natural gas sales within a state for consumer sector j .

All average prices are weighted by their corresponding sales volume estimates when national average prices are computed.

For select states (Georgia, New York and Ohio), the monthly average prices of natural gas to residential and commercial consumers are based on total sales (sales by local distribution companies and natural gas marketers). Form EIA-910 is described in detail in Appendix B, "Data Sources."

Volumes of gas delivered for the account of others to these consumer sectors are not included in the state or national average prices except in these states.

The price of natural gas in the residential and commercial sectors where EIA-910 data are used is calculated as follows:

$$P_c = \left[\left(\frac{R_s}{V_s} \right) * \left(\frac{V_s}{V_s + V_t} \right) \right] + \left[\left(\frac{Rm_s}{Vm_s} \right) * \left(\frac{V_t}{V_s + V_t} \right) \right] = \frac{R_s + \left(\frac{Rm_s}{Vm_s} \right) * V_t}{V_s + V_t} \quad (5a)$$

for Georgia, and,

$$P_c = \left[\left(\frac{R_s}{V_s} \right) * \left(\frac{V_s}{V_s + V_t} \right) \right] + \left[\left(\frac{Rm_s}{Vm_s} + \frac{R_t}{V_t} \right) * \left(\frac{V_t}{V_s + V_t} \right) \right] = \frac{R_s + \left(\frac{Rm_s}{Vm_s} \right) * V_t + R_t}{V_s + V_t} \quad (5b)$$

for New York and Ohio, where:

P_c = the combined average price for gas sales by local distribution companies and marketers within the state in sector s (residential or commercial),

R_s = the estimated revenue from natural gas sales by local distribution companies within the state in sector s (residential or commercial),

V_s = the estimated volume of natural gas sales by local distribution companies within the state in sector s (residential or commercial),

V_t = the estimated volume of natural gas transported by local distribution companies for marketers within the state in sector s (residential or commercial),

R_{ms} = the reported revenue from natural gas sales by marketers within the state in sector s (residential or commercial),

V_{ms} = the reported volume of natural gas sales by a marketer within the state in sector s (residential or commercial),

R_t = the estimated revenue from natural gas transported by local distribution companies for marketers within the state in sector s (residential or commercial).

Table 24 shows the percent of the total state volume that represents volumes from natural gas sales to the residential, commercial, and industrial sectors. This table may be helpful in evaluating residential, commercial, and industrial price data.

Estimation for nonrespondents and edit failures.

A volume for each delivered and transported consumer category is imputed for companies that fail to respond in time for inclusion in the published estimates (unit nonresponse) or for which reported volumes have failed the edit and not been confirmed or corrected (item nonresponse).

In the case of unit nonresponse and edit failures, the imputed volumes and revenues for the residential, commercial, and industrial sectors are predicted using CRE. In other words, they are predicted the same way as out of sample cases. In particular, for company i , which can be a nonrespondent, edit failure or not sampled, the predicted value is given as:

$$y_{ij}^* = \frac{\sum_{i \in s, j} y_{ij}}{\sum_{i \in s, j} x_{ij}} x_{ij}^*$$

where:

y_{ij}^* = the estimated value (volume or revenue) of the nonrespondent company or for a company value that fails an edit,

x_{ij}^* = the reported value (volume or revenue) of the nonrespondent company from the latest Form EIA 176 survey.

Again the ratio $\sum_{i \in s} y_{ij} / \sum_{i \in s} x_{ij}$ is calculated separately for most states, but several states can be combined as described in the “Estimates of Volume” section above when sample size is too small for a state by sector classification.

Final revisions

Adjusting monthly data to annual data. After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the [Natural Gas Annual](#) (NGA), revisions are made to monthly data.

The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly* (NGM) to match them to the annual values appearing in the *Natural Gas Annual*.

The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports, according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the NGM, are used to derive an updated estimate of monthly consumption and revenues for each state's residential, commercial, or industrial natural gas consumption.

For each state, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

$$V_{jm}^* = V_{jm} \left(\frac{V_{ja}}{V'_{jm}} \right) \quad (6)$$

where:

V_{jm}^* = the final volume estimate for month m in consumer sector j,

V_{jm} = the estimated volume for month m in consumer sector j,

V_{ja} = the volume for the year reported on Form EIA-176,

V'_{jm} = the annual sum of estimated monthly volumes.

The price is calculated as described above in the Estimation Procedures section, using the final revised consumption estimate and a revised revenue estimate.

The formula for revising the estimated revenue is:

$$R_{jm}^* = R_{jm} \left(\frac{R_{ja}}{R'_{jm}} \right) \quad (7)$$

where:

R_{jm}^* = the final revenue estimate for month m in consumer sector j,

R_{jm} = the estimated revenue for month m in consumer sector j,

R_{ja} = the revenue for the year reported on Form EIA-176,

R'_{jm} = the annual sum of estimated monthly revenues.

Revision of volumes and prices for deliveries to electric power sector. Revisions to monthly deliveries to the electric power sector are published throughout the year as they become available.

Reliability of monthly data

The monthly data published in this report are subject to two sources of error — nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data.

See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

Standard errors. A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration.

The standard errors for monthly natural gas volume and price estimates by state are given in Table C1. They are constructed so that over the long run the true value is within two standard errors of its estimate 95% of the time. For volume estimates, the relative standard error (RSE) is published as a percent. Standard errors of prices are expressed in dollars.

The relative standard error of a natural gas volume estimate is the square root of the variance of the estimate divided by the published volume. The formula for calculating the variance of the volume estimate is:

$$Var(V_j) = \sigma_e^2 \sum_{i=n+1}^N x_{ij} + \left(\sigma_e^2 / \sum_{i=1}^n x_{ij} \right) \left(\sum_{i=n+1}^N x_{ij} \right)^2 \quad (8)$$

where:

V_j = the estimate of monthly gas volumes in a state for sector j,

$\sigma_e^2 = \sum_{i=1}^n \sigma_{0i}^2 / (n - 1)$, the sum of squared residuals,

$\sigma_{0i} = \frac{(y_{ij} - T_j x_{ij})}{\sqrt{x_{ij}}}$, the weighted residual for company i,

T_j = the ratio estimator defined in equation 1,

x_{ij} = the reported annual volume for company i in sector j,

y_{ij} = the reported monthly volume for company i in sector j,

n = sample size ($i > n$ implies company i not in sample),

N = frame size.

As the price of natural gas is calculated as a quotient of revenue to volume, the standard error of natural gas prices is derived using the variance properties of a quotient. The variance of revenue is calculated in the same manner as the volumes described in equation 8, with revenue substituted for volume. The formula for calculating the standard error of the price in equation 4 is:

$$Var(P_j) = Var\left(\frac{R_j}{V_j}\right) = \left(\frac{R_j}{V_j}\right)^2 * \left(\frac{Var(R_j)}{R_j^2} + \frac{Var(V_j)}{V_j^2} - 2\frac{Cov(R_j, V_j)}{R_j * V_j}\right) \quad (9)$$

where:

P_j = natural gas price in sector j,

V_j = volume in sector j, which is estimated in equation 1,

R_j = revenue in sector j, which is estimated in same manner as equation 1,

$Var(V_j)$ = the variance of volume in sector j calculated using equation 8,

$Var(R_j)$ = the variance of revenue in sector j calculated in the same manner as equation 8,

$Cov(V_j, R_j)$ = the covariance between revenue and volume in sector j. The formula for estimating the covariance is:

$$\left[\left(\sum_{i=n+1}^N x_{Rij} \right) \left(\sum_{i=n+1}^N x_{Vij} \right) \frac{\sum_{i=1}^n \sqrt{x_{Rij} x_{Vij}}}{\left(\sum_{i=1}^n x_{Rij} \right) \left(\sum_{i=1}^n x_{Vij} \right)} + \sum_{i=n+1}^N \sqrt{x_{Rij} x_{Vij}} \right] \\ * \left[\left(\frac{1}{n-1} \right) \sum_{i=1}^n \sqrt{x_{Rij} x_{Vij}} (y_{Rij} - T_{Rj})(y_{Vij} - T_{vj}) \right]$$

and,

x_{Rij} = the reported annual revenue for company i in sector j,

x_{Vij} = the reported annual volume for company i in sector j,

y_{Rij} = the reported monthly revenue for company i in sector j,

y_{Vij} = the reported monthly volume for company i in sector j,

$$T_{Rj} = \frac{\sum_{i \in S} y_{Rij}}{\sum_{i \in S} x_{Rij}},$$

$$T_{Vj} = \frac{\sum_{i \in S} y_{Vij}}{\sum_{i \in S} x_{Vij}}.$$

The formula for calculating the standard error of price in equations 5a and 5b is derived after a suitable expansion that involves repeated applications of equations 8 and 9.

Table C1. Standard error for natural gas deliveries and price by consumers, by state, November 2024

State or district	Volume Relative standard error (percent)				Price (dollars per thousand cubic feet)		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	1.1	1.3	5.1	4.2	0.48	0.30	0.09
Alaska	0.8	1.6	0.0	0.4	0.03	0.17	0.00
Arizona	5.4	2.4	NA	4.3	1.30	0.37	0.04
Arkansas	NA	1.6	0.6	1.2	NA	1.06	0.34
California	1.0	0.7	1.7	0.7	0.46	0.29	0.27
Colorado	1.1	0.2	2.0	0.8	0.08	0.08	0.02
Connecticut	0.5	0.4	0.3	0.3	0.23	0.07	0.01
Delaware	0.0	0.0	0.0	0.0	0.00	0.00	0.00
District of Columbia	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Florida	4.0	NA	2.5	6.6	NA	NA	0.16
Georgia	0.0	0.0	1.1	0.0	0.18	0.18	0.30
Hawaii	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Idaho	0.3	0.3	0.2	0.2	0.00	0.02	0.00
Illinois	0.5	0.9	2.9	1.0	0.14	0.34	0.20
Indiana	1.5	0.9	1.2	0.9	0.16	0.28	0.47
Iowa	1.5	1.2	1.5	1.1	0.12	0.13	0.34
Kansas	6.4	3.5	2.9	2.4	0.56	0.57	0.83
Kentucky	1.0	1.1	4.6	2.9	0.15	0.14	0.07
Louisiana	NA	2.6	2.1	2.0	NA	1.00	0.26
Maine	8.8	6.2	4.1	3.2	NA	1.06	0.05
Maryland	1.0	1.1	8.3	1.0	0.00	0.00	NA
Massachusetts	0.6	0.4	2.0	0.4	0.11	0.16	0.11
Michigan	0.9	0.8	1.2	0.6	0.14	0.11	0.08
Minnesota	2.7	2.6	2.1	1.4	0.10	0.32	0.14
Mississippi	1.9	1.9	NA	NA	1.05	0.71	0.14
Missouri	0.7	0.6	6.1	1.7	0.17	0.22	0.21
Montana	1.2	1.0	0.0	0.5	0.05	0.09	0.00
Nebraska	3.3	2.5	0.3	0.8	0.12	0.16	0.19
Nevada	0.0	1.9	NA	2.7	0.00	0.00	0.00
New Hampshire	0.0	0.0	10.0	3.9	0.00	0.00	0.00
New Jersey	1.5	1.6	NA	2.3	0.35	0.11	0.11
New Mexico	7.8	0.7	NA	4.8	0.30	0.21	0.25
New York	0.0	0.0	1.2	0.0	0.08	0.08	0.55
North Carolina	0.8	0.7	0.6	0.4	0.30	0.06	0.09
North Dakota	2.2	1.3	2.0	1.4	0.13	0.11	0.03
Ohio	0.0	0.0	1.7	0.0	0.08	0.04	0.60
Oklahoma	5.0	2.3	0.6	0.8	0.09	0.12	0.11
Oregon	0.0	0.0	2.9	1.0	0.00	0.00	0.06
Pennsylvania	1.2	1.2	1.0	0.7	0.18	0.28	0.19
Rhode Island	0.0	0.0	0.0	0.0	0.00	0.00	0.00
South Carolina	2.1	1.9	1.5	1.1	0.31	0.17	0.08
South Dakota	6.2	3.9	0.7	1.3	0.35	0.19	0.05
Tennessee	5.7	2.5	2.3	1.8	0.39	0.32	0.15
Texas	6.7	8.8	1.0	1.2	NA	0.46	0.06
Utah	0.5	0.1	0.1	0.3	0.01	0.00	0.01
Vermont	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Virginia	1.3	0.7	0.9	0.6	0.17	0.10	0.05
Washington	0.8	0.6	2.5	0.8	0.15	0.21	0.17
West Virginia	2.8	1.8	2.1	1.3	0.56	0.66	0.00
Wisconsin	1.8	1.0	1.6	0.9	0.15	0.23	0.04
Wyoming	3.9	3.6	9.3	6.4	0.06	0.21	0.14
Total	0.4	0.6	0.9	0.5	0.09	0.05	0.03

NA Not available.

Source: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.

Glossary

Aquifer storage field: A subsurface facility for storing natural gas, consisting of water-bearing sands topped by an impermeable cap rock.

Balancing item: Represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting or survey coverage problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents.

Base (cushion) gas: The volume of natural gas needed as a permanent inventory to maintain adequate reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume.

British thermal unit (Btu): The quantity of heat required to raise the temperature of 1 pound of liquid water by 1 degree Fahrenheit at the temperature at which water has its greatest density (approximately 39 degrees Fahrenheit).

British thermal units per cubic foot: The total heating value, expressed in British thermal units, produced by the combustion, at constant pressure, of the amount of the gas that would occupy the volume of 1 cubic foot at a temperature of 60°F if saturated with water vapor and under a pressure equivalent to that of 30 inches of mercury at 32°F and under standard gravitational force (980.665 cm. per sec. squared) with air of the same temperature and pressure as the gas, when the products of combustion are cooled to the initial temperature of gas and air when the water formed by combustion is condensed to the liquid state. (Sometimes called gross heating value or total heating value.)

Citygate: A point or measuring station at which a natural gas distribution company receives natural gas from a pipeline company or transmission system.

Commercial consumption: Natural gas used by local, state, and federal nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, and wholesale and retail stores and other service enterprises; and natural gas used by local, state and federal agencies engaged in nonmanufacturing activities.

Compressed natural gas (CNG): Natural gas which is comprised primarily of methane, compressed to a pressure at or above 2,400 pounds per square inch and stored in special high-pressure containers. It is used as a fuel for natural gas powered vehicles.

Depleted storage field: A subsurface natural geological reservoir, usually a depleted oil or gas field, used for storing natural gas.

Dry natural gas production: The process of producing consumer-grade natural gas. Natural gas withdrawn from reservoirs is reduced by volumes used at the production (lease) site and by processing losses. Volumes used at the production site include the volume returned to reservoirs in cycling, repressuring of oil reservoirs, and conservation operations as well as natural gas vented and flared. Processing losses include nonhydrocarbon gases (for example, water vapor, carbon dioxide, helium, hydrogen sulfide, and nitrogen) removed from the natural gas stream as well as natural gas converted to liquid form, such as lease condensate and plant liquids. We do not consider volumes of dry natural gas withdrawn from natural gas storage reservoirs as part of production. Dry natural gas production equals marketed production minus natural gas plant liquids production.

Electric power consumption: Natural gas used as fuel in the electric power sector.

Electric power sector: An energy-consuming sector that consists of electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public. These facilities are categorized under code 22 according to the North American Industry Classification System.

Exports: Natural gas deliveries out of the continental United States (including Alaska) to foreign countries.

Gas well: A well completed for production of natural gas from one or more gas zones or reservoirs. Such wells contain no completions for the production of crude oil. EIA identifies natural gas wells using a natural gas/oil ratio (GOR) of 6,000 cf/b. Wells with a GOR greater than 6,000 are labeled natural gas wells while a GOR of 6,000 or less are labeled oil wells.

Gross withdrawals: Full well stream volume, including all natural gas plant liquid and nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

Heating value: The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

Imports: Natural gas received in the Continental United States (including Alaska) from a foreign country.

Industrial consumption: Natural gas used for heat, power, or chemical feedstock by consumers in manufacturing, mining or other mineral extraction, agriculture, forestry, and fisheries. Also included in industrial consumption are generators that produce electricity or useful thermal output primarily to support the previously mentioned industrial activities.

Intransit deliveries: Redeliveries to a foreign country of foreign natural gas received for transportation across U.S. territory and deliveries of U.S. natural gas to a foreign country for transportation across its territory and redelivery to the United States.

Intransit receipts: Receipts of foreign natural gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. natural gas transported across foreign territory.

Lease and plant fuel: Natural gas used in well, field, lease operations (such as natural gas used in drilling operations, heaters, dehydrators, and field compressors) and as fuel in natural gas processing plants.

Liquefied natural gas (LNG): Natural gas (primarily methane) that has been liquefied by reducing its temperature to -260°Fahrenheit at atmospheric pressure.

Local distribution company (LDC): A legal entity engaged primarily in the retail sale and/or delivery of natural gas through a distribution system that includes mainlines (that is, pipelines designed to carry large volumes of natural gas, usually located under roads or other major right-of-ways) and laterals (that is, pipelines of smaller diameter that connect the end user to the mainline). In recent years, the sale of natural gas and/or delivery arrangements is more commonly handled by other agents, such as producers, brokers, and marketers that are referred to as *non-LDC*.

Marketed production: Gross withdrawals minus natural gas used for repressuring, quantities vented and flared, and less nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of natural gas used in field and processing operations.

Native gas: Natural gas in place at the time that a reservoir was converted to use as an underground storage reservoir, as in contrast to injected gas volumes.

Natural gas: A gaseous mixture of hydrocarbon compounds but mostly methane. EIA measures wet natural gas and its two sources of production (associated, or dissolved, natural gas and nonassociated natural gas) and dry natural gas, which is produced from wet natural gas.

Natural gas liquids (NGL): A group of hydrocarbons including ethane, propane, normal butane, isobutane, and natural gasoline. Generally include natural gas plant liquids and all liquefied refinery gases, except olefins.

Natural gas marketer: A company that arranges purchases and sales of natural gas. Unlike pipeline companies or LDCs, a marketer does not own physical assets commonly used in the supply of natural gas, such as pipelines or storage fields. A marketer may be an affiliate of another company, such as an LDC, natural gas pipeline, or producer, but it operates independently of other segments of the company. In states with residential choice programs, marketers serve as alternative suppliers to residential users of natural gas, which is delivered by an LDC.

Natural gas plant liquids (NGPL): Those hydrocarbons in natural gas that are separated as liquids at natural gas processing, fractionating, and cycling plants. Products obtained include ethane, liquefied petroleum gases (propane and butanes), and natural gasoline. Component products may be fractionated or mixed. Lease condensate and plant condensate are excluded.

Natural gas plant liquids (NGPL) production: The extraction of natural gas plant liquids constituents such as ethane, propane, normal butane, isobutane, and natural gasoline, sometimes referred to as extraction loss. Usually reported in barrels or gallons, but may be reported in cubic feet to compare with dry natural gas volumes.

Nominal dollars: A measure used to express nominal price.

Nominal price: The price paid for a product or service at the time of the transaction. Nominal prices are those that have not been adjusted to remove the effect of changes in the purchasing power of the dollar; they reflect buying power in the year in which the transaction occurred.

Onsystem sales: Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and/or distribution system operated by the reporting company.

Pipeline fuel: Natural gas consumed in the operation of pipelines, primarily in compressors.

Repressuring: The injection of natural gas into oil or natural gas formations to enhance ultimate recovery.

Residential consumption: Natural gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

Salt cavern storage field: A storage facility that is a cavern hollowed out in either a salt bed or dome formation.

Storage additions: Volumes of natural gas injected or otherwise added to underground natural gas reservoirs or liquefied natural gas storage.

Storage withdrawals: Total volume of natural gas withdrawn from underground storage or from liquefied natural gas storage over a specified amount of time.

Supplemental gaseous fuels supplies: Synthetic natural gas, propane-air, coke oven gas, refinery gas, biomass gas, or air injected for British thermal unit stabilization. It also refers to manufactured gas commingled and distributed with natural gas.

Underground natural gas storage reservoir capacity: Interstate company reservoir capacities are those certificated by FERC. Independent producer and intrastate company reservoir capacities are reported as developed capacity.

Vehicle fuel consumption: Natural gas (compressed or liquefied) used as vehicle fuel.

Working (top storage) gas: The volume of natural gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.