



Independent Statistics and Analysis
**U.S. Energy Information
Administration**

Natural Gas Monthly

March 2024



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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 January 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	3,628	3,235	252	2,983	6	-315	1,013	-95	3,593
February	3,266	2,914	227	2,687	5	-288	673	-17	3,059
March	3,663	3,282	256	3,026	6	-380	171	-43	2,781
April	3,568	3,199	250	2,950	6	-342	-220	-33	2,360
May	3,695	3,332	260	3,072	6	-386	-412	-39	2,241
June	3,565	3,232	252	2,980	6	-325	-332	-13	2,317
July	3,736	3,375	263	3,112	6	-303	-187	-46	2,583
August	3,730	3,392	265	3,128	6	-322	-213	-39	2,559
September	3,669	3,330	260	3,071	6	-293	-446	-50	2,288
October	3,814	3,438	268	3,170	6	-315	-432	-66	2,364
November	3,712	3,327	259	3,067	6	-308	78	-77	2,767
December	3,755	3,370	263	3,107	6	-304	588	-21	3,376
Total	43,802	39,428	3,075	36,353	73	-3,880	281	-539	32,288
2023									
January	£3,820	£3,429	270	£3,159	7	-333	456	17	3,305
February	£3,456	£3,103	247	£2,856	6	-331	399	18	2,947
March	£3,858	£3,475	286	£3,189	6	-401	224	-6	3,012
April	£3,729	£3,362	283	£3,079	5	-400	-269	5	2,421
May	£3,869	£3,500	289	£3,210	6	-422	-452	-27	2,315
June	£3,720	£3,375	278	£3,098	4	-376	-344	-22	2,360
July	£3,827	£3,495	290	£3,205	6	-378	-134	-34	2,666
August	£3,850	£3,534	294	£3,240	5	-388	-133	-50	2,674
September	£3,761	£3,426	291	£3,135	3	-396	-323	-46	2,373
October	£3,909	£3,537	302	£3,235	3	-421	-321	-58	2,438
November	£3,841	£3,469	292	£3,177	5	-403	65	R-20	2,823
December	RE3,998	RE3,597	292	RE3,305	6	-432	284	R7	3,169
Total	RE45,637	RE41,300	3,413	RE37,887	63	-4,682	-548	R-217	32,504
2024									
January	£3,862	£3,471	269	£3,202	6	-350	844	-5	3,696

^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 2022 include underground storage and liquefied natural gas storage. Data for January 2023 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): 91 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.

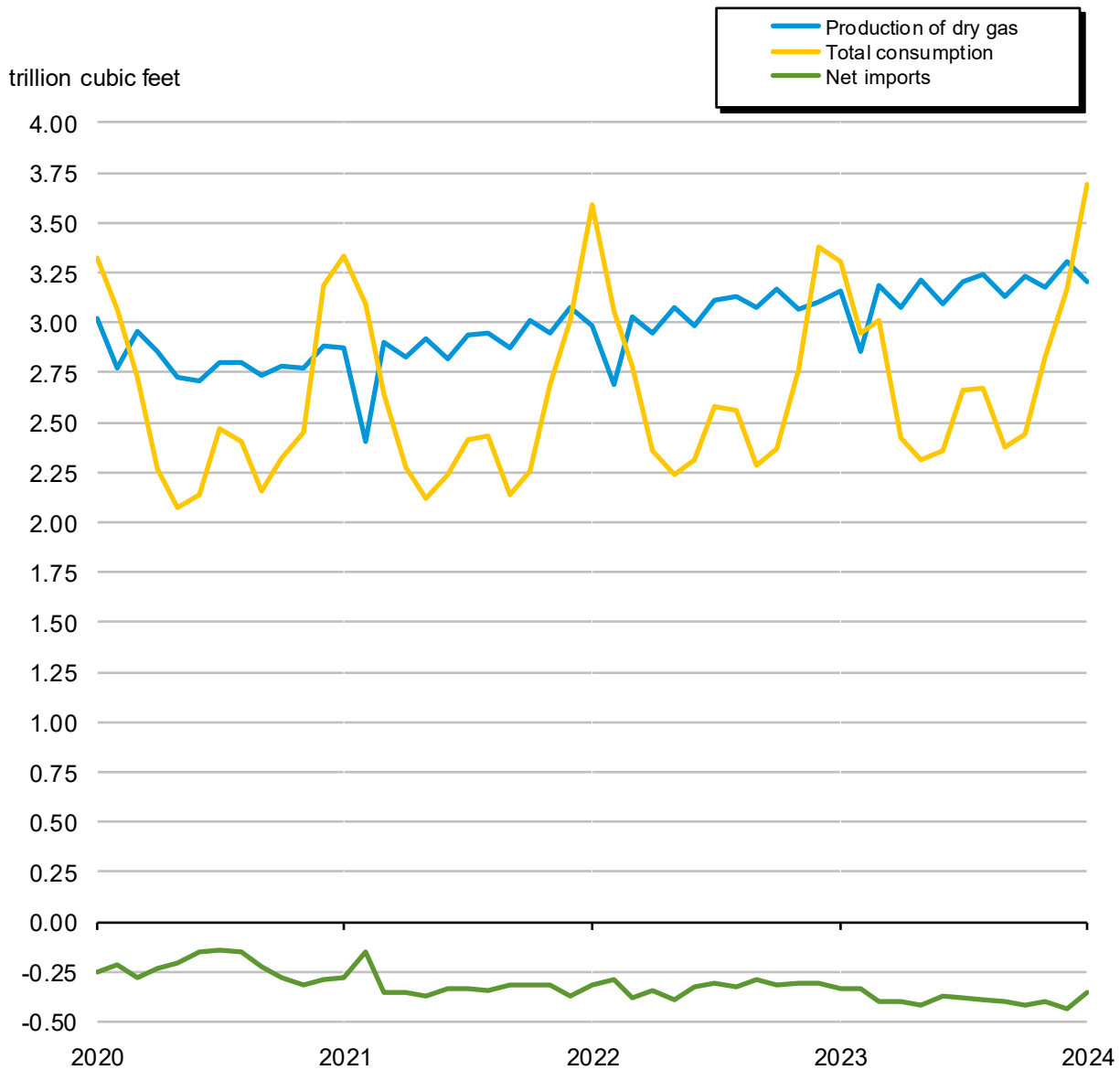
^{RE} Revised estimated data.

^E Estimated data.

Source: 2019-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*. January 2023 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 2022 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, 2020-2024



Source: 2020-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*. January 2023 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	154	137	958	551	826	961	6	3,302	3,593	1,038
February	139	116	791	464	729	815	5	2,804	3,059	1,038
March	157	105	588	385	761	779	6	2,519	2,781	1,036
April	153	88	384	276	706	748	5	2,120	2,360	1,035
May	159	83	201	183	684	925	6	1,999	2,241	1,034
June	154	86	124	146	655	1,146	5	2,076	2,317	1,033
July	161	97	110	144	665	1,400	6	2,325	2,583	1,033
August	162	96	103	141	677	1,375	6	2,302	2,559	1,035
September	159	85	114	150	653	1,122	5	2,044	2,288	1,036
October	164	88	242	223	692	950	6	2,112	2,364	1,036
November	159	104	513	353	729	903	5	2,504	2,767	1,036
December	161	128	835	492	761	993	6	3,087	3,376	1,041
Total	1,883	1,212	4,964	3,509	8,537	12,118	65	29,193	32,288	1,036
2023										
January	£164	£124	799	475	771	967	£5	3,017	3,305	1,039
February	£148	£111	683	423	708	870	£4	2,689	2,947	1,038
March	£166	£113	633	408	756	932	£5	2,733	3,012	1,036
April	£161	£91	338	253	706	869	£4	2,170	2,421	1,035
May	£167	£87	197	183	681	996	£5	2,061	2,315	1,034
June	£161	£89	129	149	652	1,176	£4	2,111	2,360	1,034
July	£167	£100	111	143	669	1,471	£5	2,399	2,666	1,035
August	£169	£100	104	145	689	1,462	£5	2,405	2,674	1,035
September	£164	£89	113	146	665	1,191	£4	2,120	2,373	1,034
October	£169	£92	227	224	706	1,016	£5	2,178	2,438	1,035
November	£166	£106	493	347	743	965	£4	2,552	2,823	1,037
December	£172	£119	656	413	791	1,014	£5	2,878	3,169	1,038
Total	£1,972	£1,220	4,482	3,309	8,536	12,930	£53	29,311	32,504	1,036
2024										
January	£166	£139	919	535	802	1,131	£5	3,392	3,696	1,039

^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.

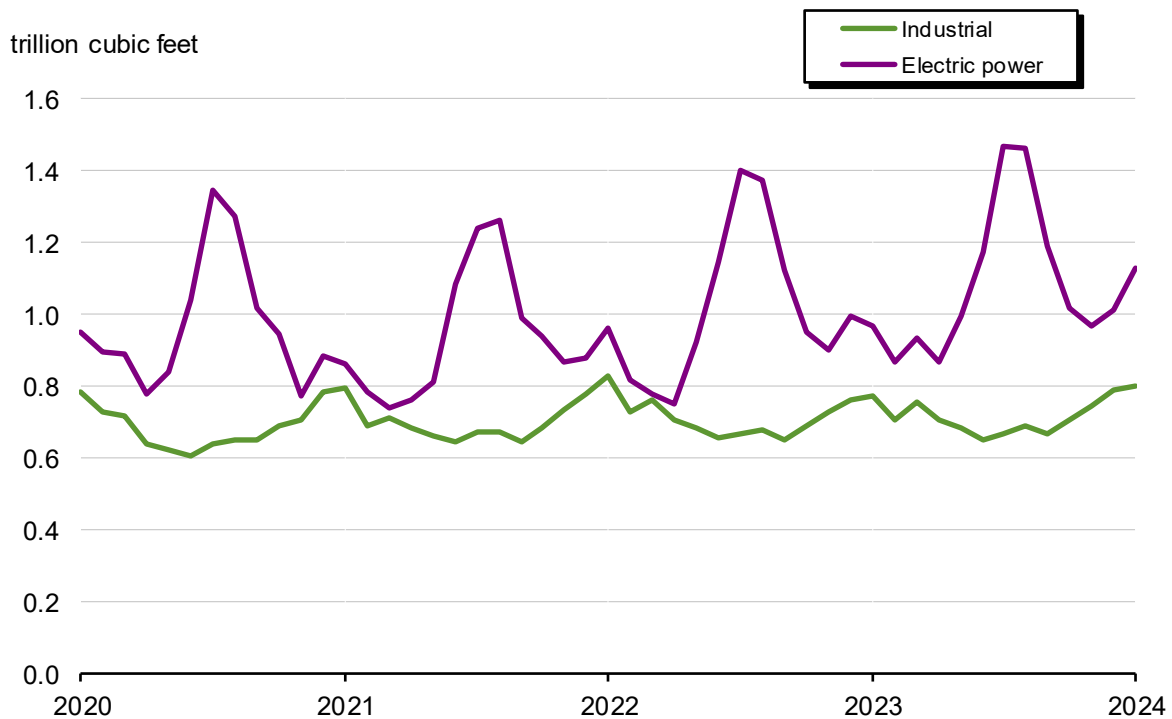
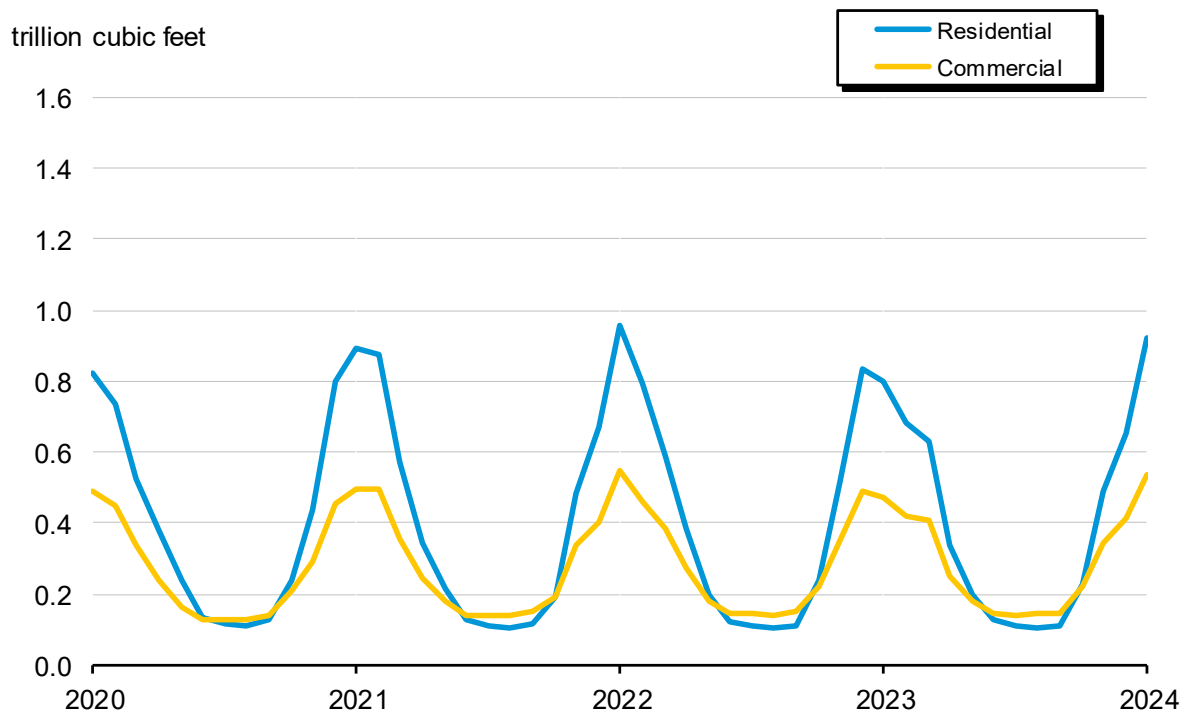
^c Heating value is the average number of British thermal units per cubic foot of natural gas as reported on EIA-857 and EIA-176. Appendix A, Explanatory Note 11, contains further information.

^e Estimated data.

Source: 2019-2022: 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 2022*. January 2023 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 2022 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, 2020-2024



Source: 2020-2022: 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 2022*. January 2023 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						
				Residential		Commercial		Industrial		Electric power price ^d
				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	9.82	71.4	6.47	13.3	6.97
February	11.36	4.69	5.77	12.14	96.7	10.02	69.9	7.32	13.8	6.26
March	12.62	4.90	5.55	12.94	96.5	10.21	68.4	6.18	14.1	5.32
April	12.19	6.60	6.53	13.97	96.2	10.60	65.4	6.68	13.9	6.45
May	12.44	8.14	8.51	17.67	96.0	12.07	60.7	8.08	13.4	7.79
June	12.48	7.70	9.77	22.50	96.2	13.45	57.5	9.30	13.3	8.23
July	11.41	7.28	8.72	24.55	96.6	13.50	55.7	7.85	13.3	7.76
August	11.19	8.80	10.31	25.34	96.8	14.14	55.0	9.40	13.0	9.33
September	9.72	7.88	9.69	24.50	96.8	14.54	55.6	9.58	12.9	8.46
October	8.65	5.66	6.79	18.61	96.9	12.84	60.1	7.16	13.1	6.03
November	8.46	5.45	6.72	15.55	97.2	11.87	66.6	6.74	13.3	5.96
December	7.43	5.53	8.12	14.68	97.1	11.99	70.2	8.04	13.5	9.53
Annual average	10.71	6.45	6.89	14.75	96.7	11.32	65.8	7.66	13.4	7.51
2023										
January	7.96	3.27	7.15	15.25	96.8	12.41	70.2	7.27	13.6	7.50
February	7.90	2.38	6.55	14.98	96.9	11.97	69.6	5.98	13.7	4.64
March	7.21	2.31	5.28	13.76	96.9	10.93	68.7	5.05	13.3	3.51
April	7.13	2.16	4.33	14.40	96.5	10.41	65.1	4.08	12.9	2.81
May	6.09	2.15	4.17	16.70	96.2	10.44	60.7	3.59	13.0	2.63
June	5.69	2.18	4.67	20.11	96.6	10.65	57.5	3.60	12.4	2.67
July	6.81	2.55	5.04	21.98	96.8	10.83	55.4	3.93	12.5	3.07
August	6.96	2.58	4.79	23.23	96.6	11.02	54.9	3.78	13.2	3.02
September	7.47	2.64	5.03	21.86	96.7	10.86	55.9	3.90	12.4	2.95
October	6.85	2.98	4.16	16.71	97.3	10.07	61.2	4.14	13.0	3.02
November	6.53	2.72	4.36	13.37	97.1	9.68	66.1	4.40	13.8	3.52
December	6.63	2.52	4.39	12.94	97.2	9.83	68.7	4.58	13.7	3.42
Annual average	6.92	2.53	5.29	15.23	96.9	10.92	65.3	4.59	13.1	3.49
2024										
January	7.28	3.18	4.76	11.82	96.7	9.43	70.9	4.96	14.1	5.07

^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.

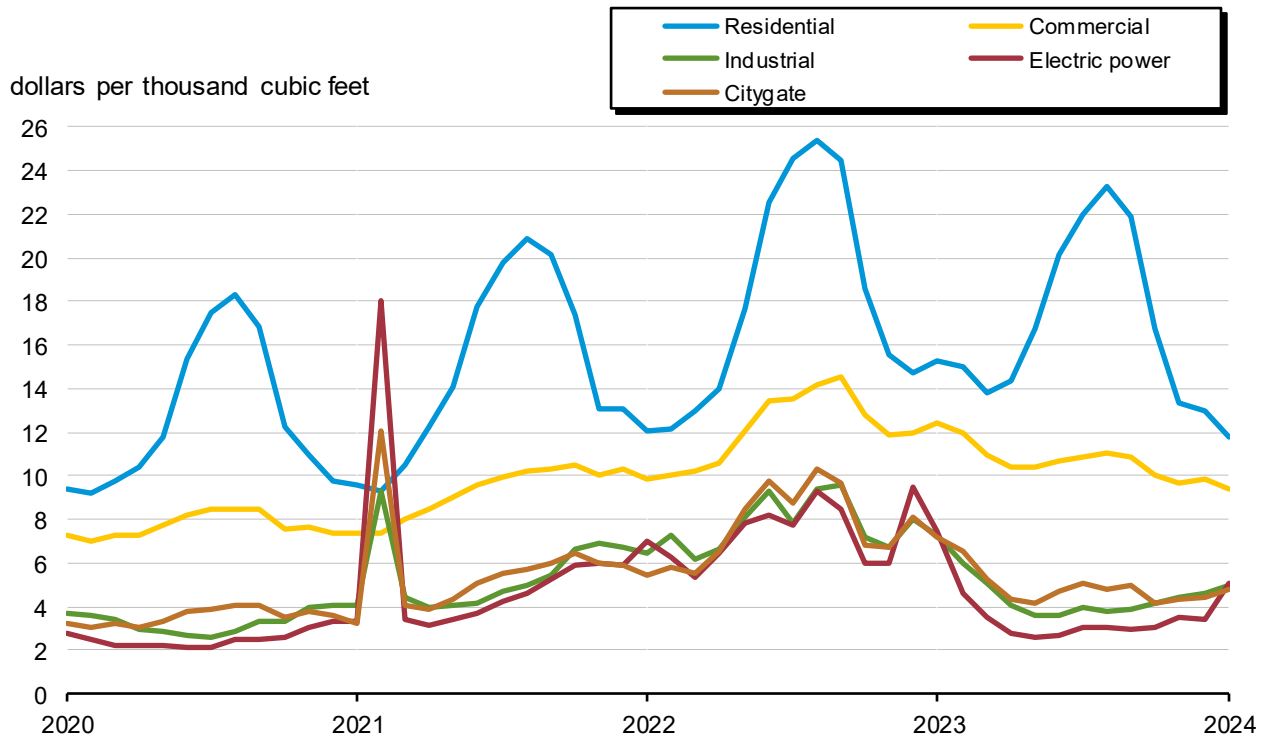
^d The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Data include nonregulated members of the electric power sector.

^R Revised data.

Source: 2019-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*. January 2023 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.

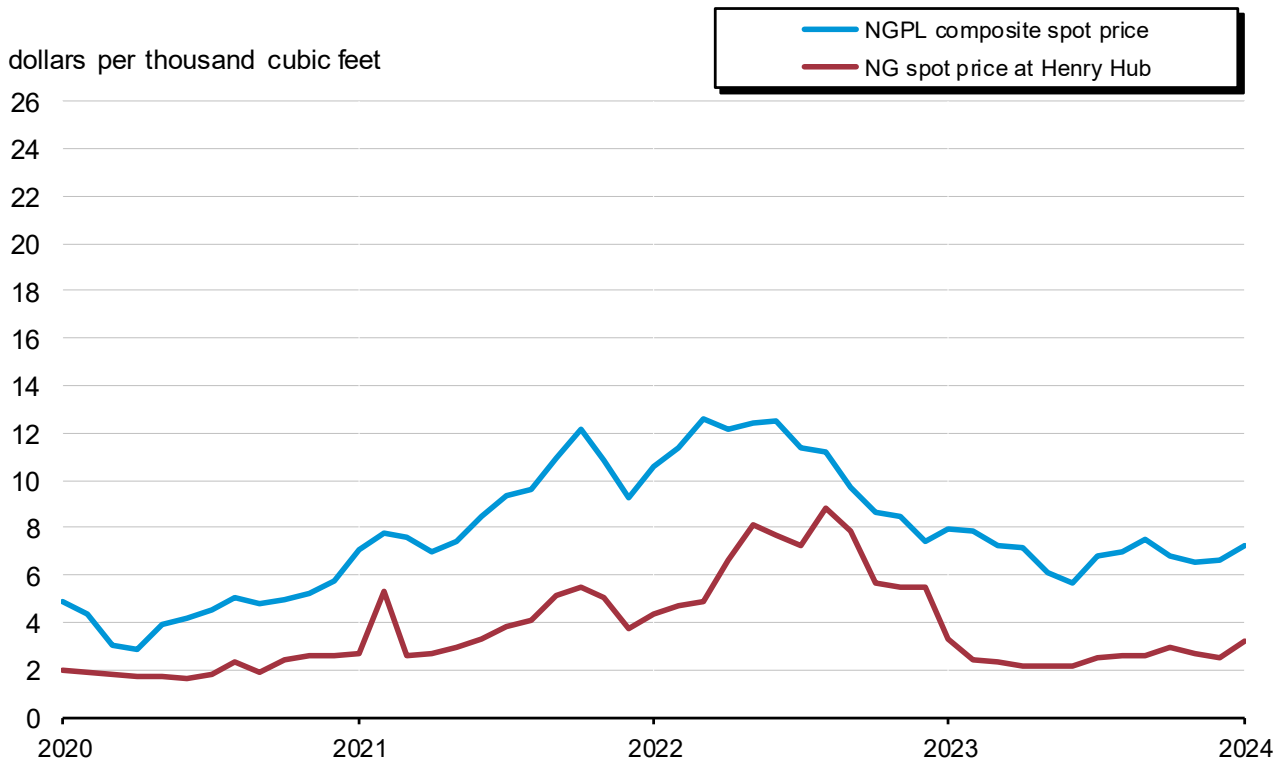
Note: Prices are in nominal dollars. U.S. prices represent the weighted average of the states in each sector. Data for 2019 through 2022 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 states and the District of Columbia. Published residential, commercial, 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, 2020-2024



Source: 2020-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*. January 2023 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, 2020-2024



Source: 2020-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*. January 2023 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					2023
	January	Total	December	November	October	September
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	319,051	2,912,715	274,666	251,343	230,700	229,786
Mexico	24	989	22	21	23	21
Total pipeline imports	319,075	2,913,703	274,688	251,363	230,723	229,808
LNG						
By truck						
Canada	111	2,052	104	152	221	178
By vessel						
France	0	0	0	0	0	0
Jamaica	0	1,259	0	0	0	0
Nigeria	0	0	0	0	0	0
Norway	2,937	0	0	0	0	0
Trinidad/Tobago	1,291	11,929	2,657	0	0	0
United Kingdom	0	0	0	0	0	0
Total LNG imports	4,339	15,239	2,761	152	221	178
CNG						
Canada	39	346	28	21	26	23
Total CNG imports	39	346	28	21	26	23
Total imports	323,453	2,929,288	277,477	251,536	230,969	230,008
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	4.48	3.23	2.67	3.02	2.36	2.27
Mexico	1.56	16.64	1.67	1.81	1.62	1.54
Total pipeline imports	4.48	3.23	2.67	3.02	2.36	2.27
LNG						
By truck						
Canada	4.31	4.74	4.89	4.97	4.62	5.14
By vessel						
France	--	--	--	--	--	--
Jamaica	--	40.24	--	--	--	--
Nigeria	--	--	--	--	--	--
Norway	13.42	--	--	--	--	--
Trinidad/Tobago	13.12	20.02	16.08	--	--	--
United Kingdom	--	--	--	--	--	--
Total LNG imports	13.10	19.63	15.66	4.97	4.62	5.14
CNG						
Canada	4.87	6.67	3.85	2.91	2.12	1.79
Total CNG imports	4.87	6.67	3.85	2.91	2.12	1.79
Total imports	4.59	3.32	2.80	3.02	2.36	2.28
Net imports - volume	-350,415	-4,681,779	-431,929	-403,173	-420,836	-395,616

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					
	August	July	June	May	April	March
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	246,138	254,550	231,243	214,467	220,126	248,095
Mexico	22	23	21	23	23	24
Total pipeline imports	246,160	254,573	231,264	214,490	220,149	248,119
LNG						
By truck						
Canada	261	244	267	251	200	34
By vessel						
France	0	0	0	0	0	0
Jamaica	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0
Norway	0	0	0	0	0	0
Trinidad/Tobago	0	1,257	0	1,370	0	1,324
United Kingdom	0	0	0	0	0	0
Total LNG imports	261	1,501	267	1,621	200	1,358
CNG						
Canada	14	20	23	34	39	42
Total CNG imports	14	20	23	34	39	42
Total imports	246,435	256,094	231,555	216,145	220,387	249,519
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	2.52	2.39	2.02	1.98	2.50	3.19
Mexico	1.41	1.68	1.23	1.05	0.88	1.40
Total pipeline imports	2.52	2.39	2.01	1.98	2.50	3.19
LNG						
By truck						
Canada	4.20	4.25	4.24	4.03	4.61	4.98
By vessel						
France	--	--	--	--	--	--
Jamaica	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--
Norway	--	--	--	--	--	--
Trinidad/Tobago	--	11.51	--	6.60	--	19.39
United Kingdom	--	--	--	--	--	--
Total LNG imports	4.20	10.33	4.24	6.20	4.61	19.02
CNG						
Canada	2.02	2.28	3.14	2.70	3.20	5.95
Total CNG imports	2.02	2.28	3.14	2.70	3.20	5.95
Total imports	2.52	2.44	2.02	2.01	2.50	3.28
Net imports - volume	-388,064	-378,391	-375,753	-422,237	-400,309	-401,254

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		Total	2022		
	February	January		December	November	October
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	239,221	272,379	2,997,452	289,780	244,755	239,239
Mexico	617	148	1,064	146	22	24
Total pipeline imports	239,838	272,527	2,998,515	289,926	244,777	239,263
LNG						
By truck						
Canada	64	76	1,732	173	180	208
By vessel						
France	0	0	0	0	0	0
Jamaica	0	1,259	0	0	0	0
Nigeria	0	0	0	0	0	0
Norway	0	0	0	0	0	0
Trinidad/Tobago	3,992	1,329	23,535	2,810	1,216	0
United Kingdom	0	0	0	0	0	0
Total LNG imports	4,057	2,663	25,268	2,983	1,395	208
CNG						
Canada	36	40	377	31	29	36
Total CNG imports	36	40	377	31	29	36
Total imports	243,931	275,231	3,024,160	292,940	246,201	239,507
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	4.83	8.17	6.14	9.46	5.61	4.67
Mexico	19.86	26.18	14.72	23.62	3.63	4.59
Total pipeline imports	4.87	8.18	6.15	9.46	5.61	4.67
LNG						
By truck						
Canada	6.93	9.29	8.09	9.28	7.29	8.51
By vessel						
France	--	--	--	--	--	--
Jamaica	--	40.24	--	--	--	--
Nigeria	--	--	--	--	--	--
Norway	--	--	--	--	--	--
Trinidad/Tobago	23.26	40.71	30.01	38.97	43.69	--
United Kingdom	--	--	--	--	--	--
Total LNG imports	23.00	39.59	28.51	37.25	39.01	8.51
CNG						
Canada	12.97	24.00	11.50	23.74	7.13	6.22
Total CNG imports	12.97	24.00	11.50	23.74	7.13	6.22
Total imports	5.17	8.49	6.33	9.75	5.80	4.67
Net imports - volume	-330,842	-333,374	-3,879,742	-304,375	-307,572	-314,822

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

	September	August	July	June	May	2022 April
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	233,605	232,632	254,087	228,653	230,195	244,792
Mexico	133	176	196	24	24	24
Total pipeline imports	233,738	232,808	254,283	228,677	230,218	244,816
LNG						
By truck						
Canada	160	190	150	178	163	151
By vessel						
France	0	0	0	0	0	0
Jamaica	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0
Norway	0	0	0	0	0	0
Trinidad/Tobago	0	2,862	2,736	0	482	0
United Kingdom	0	0	0	0	0	0
Total LNG imports	160	3,052	2,886	178	645	151
CNG						
Canada	29	24	27	27	36	31
Total CNG imports	29	24	27	27	36	31
Total imports	233,927	235,884	257,197	228,882	230,899	244,998
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	5.99	6.50	5.93	7.03	6.70	5.49
Mexico	23.67	22.00	12.62	7.81	6.16	4.20
Total pipeline imports	6.00	6.51	5.93	7.03	6.70	5.49
LNG						
By truck						
Canada	8.61	7.96	8.91	9.16	7.65	7.36
By vessel						
France	--	--	--	--	--	--
Jamaica	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--
Norway	--	--	--	--	--	--
Trinidad/Tobago	--	15.36	11.96	--	12.83	--
United Kingdom	--	--	--	--	--	--
Total LNG imports	8.61	14.89	11.80	9.16	11.52	7.36
CNG						
Canada	9.23	9.46	7.27	8.94	7.48	6.07
Total CNG imports	9.23	9.46	7.27	8.94	7.48	6.07
Total imports	6.00	6.62	6.00	7.03	6.72	5.49
Net imports - volume	-292,538	-322,147	-302,645	-324,877	-385,766	-342,387

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		
	March	February	January
Imports			
Volume (million cubic feet)			
Pipeline			
Canada ^a	256,763	253,247	289,703
Mexico	53	189	54
Total pipeline imports	256,816	253,436	289,757
LNG			
By truck			
Canada	49	55	75
By vessel			
France	0	0	0
Jamaica	0	0	0
Nigeria	0	0	0
Norway	0	0	0
Trinidad/Tobago	2,600	4,448	6,381
United Kingdom	0	0	0
Total LNG imports	2,649	4,503	6,456
CNG			
Canada	34	38	35
Total CNG imports	34	38	35
Total imports	259,499	257,977	296,248
Average Price (dollars per thousand cubic feet)			
Pipeline			
Canada	4.44	5.25	6.23
Mexico	4.42	7.95	6.87
Total pipeline imports	4.44	5.25	6.23
LNG			
By truck			
Canada	6.31	5.96	6.24
By vessel			
France	--	--	--
Jamaica	--	--	--
Nigeria	--	--	--
Norway	--	--	--
Trinidad/Tobago	30.70	29.59	39.08
United Kingdom	--	--	--
Total LNG imports	30.24	29.30	38.70
CNG			
Canada	9.80	20.64	18.96
Total CNG imports	9.80	20.64	18.96
Total imports	4.70	5.67	6.94
Net imports - volume	-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 "LNG Monthly" (<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				2023	
	January	Total	December	November	October	September
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	92,532	1,026,097	111,869	89,446	66,936	76,619
Mexico	185,076	2,241,553	174,602	179,002	200,466	202,402
Total pipeline exports	277,608	3,267,651	286,471	268,448	267,402	279,021
LNG						
Exports						
By vessel						
Antigua and Barbuda	2	47	6	4	7	7
Argentina	0	76,921	0	0	0	0
Bahamas	42	499	32	34	34	51
Bangladesh	0	24,147	3,257	3,240	0	0
Barbados	22	11	11	0	0	0
Belgium	14,255	97,017	14,272	10,288	20,775	13,697
Brazil	8,292	38,595	3,708	3,563	3,720	6,561
Chile	3,696	31,217	0	0	0	0
China	7,944	173,247	13,949	25,601	18,013	10,222
Colombia	6,465	32,014	7,162	1,844	6,689	10,322
Croatia	9,464	55,439	3,050	9,995	0	10,542
Dominican Republic	7,489	73,761	3,177	8,647	8,826	6,734
El Salvador	0	1	0	0	0	0
Finland	0	38,858	2,762	3,335	0	7,057
France	28,049	492,696	40,692	58,907	53,559	32,016
Germany	17,371	204,605	19,439	14,382	17,901	17,228
Greece	7,153	39,426	8,287	0	0	1,968
Haiti	16	113	13	8	8	10
India	10,685	164,325	17,062	7,441	13,698	24,452
Indonesia	0	3,157	0	0	0	489
Israel	0	0	0	0	0	0
Italy	24,767	197,513	21,283	23,786	6,850	22,094
Jamaica	6,576	9,048	480	122	1,831	4,038
Japan	19,340	310,190	27,461	24,896	24,357	33,375
Jordan	0	3,282	0	0	0	0
Kuwait	0	35,185	0	0	0	6,636
Lithuania	1,083	55,332	3,409	0	6,476	10,666
Malta	0	2,592	0	0	0	0
Mexico	0	13,661	3,660	0	1,776	0
Netherlands	41,873	588,557	48,658	36,150	49,701	39,745
Nicaragua	0	0	0	0	0	0
Pakistan	0	3,141	3,141	0	0	0
Panama	3,677	19,565	328	3,530	0	3,196
Philippines	0	6,823	0	3,445	3,378	0
Poland	5,746	139,635	10,862	14,500	14,213	14,121
Portugal	9,503	73,158	2,945	3,204	7,125	6,437
Singapore	3,194	23,320	0	0	3,279	6,649
South Korea	20,640	275,779	35,187	26,140	28,224	24,112
Spain	38,812	269,202	15,629	17,280	49,792	9,933
Taiwan	6,555	104,075	6,655	3,104	6,686	13,201
Thailand	7,904	59,477	3,818	7,581	7,538	0
Turkiye	42,693	156,403	42,304	27,560	4,507	3,531
United Kingdom	42,928	450,694	60,209	47,642	25,414	7,464
By truck						
Canada	0	85	7	7	0	16
Mexico	21	604	20	26	27	35
Total LNG exports	396,260	4,343,415	422,935	386,262	384,403	346,604
CNG						
Canada	0	1	0	0	0	0
Total CNG exports	0	1	0	0	0	0
Total exports	673,868	7,611,067	709,406	654,710	651,805	625,625

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					
	August	July	June	May	April	March
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	68,390	76,567	75,320	77,984	75,674	106,178
Mexico	213,050	208,625	204,115	193,623	169,179	177,653
Total pipeline exports	281,440	285,193	279,435	271,608	244,853	283,832
LNG						
Exports						
By vessel						
Antigua and Barbuda	5	4	3	3	3	2
Argentina	0	11,162	22,663	26,930	11,536	2,343
Bahamas	47	47	45	45	43	53
Bangladesh	7,095	0	3,624	3,561	0	0
Barbados	0	0	0	0	0	0
Belgium	3,363	0	6,953	3,809	4,844	8,053
Brazil	3,287	0	8,628	4,196	3,598	1,334
Chile	3,065	7,144	4,011	6,419	0	7,271
China	14,252	35,337	20,261	6,593	3,426	5,132
Colombia	3,149	0	0	2,847	0	0
Croatia	3,023	10,121	0	2,932	3,163	3,694
Dominican Republic	10,055	6,076	7,443	7,871	6,901	876
El Salvador	0	1	0	0	0	0
Finland	6,630	3,666	1,622	6,935	0	6,850
France	34,332	20,589	45,569	51,658	53,211	28,581
Germany	20,709	17,245	15,769	16,002	18,546	24,841
Greece	4,700	0	2,924	4,498	3,905	3,156
Haiti	9	8	6	12	11	8
India	13,713	20,494	14,488	7,140	14,585	10,230
Indonesia	766	1,097	0	0	0	0
Israel	0	0	0	0	0	0
Italy	21,519	13,923	13,959	18,542	17,378	13,699
Jamaica	3	1,443	3	289	31	540
Japan	31,302	44,016	28,031	31,208	13,687	20,102
Jordan	0	3,282	0	0	0	0
Kuwait	3,289	7,081	10,670	3,802	3,707	0
Lithuania	7,005	3,375	3,629	7,048	3,412	3,599
Malta	0	0	0	0	0	0
Mexico	0	1,954	0	0	0	3,051
Netherlands	53,596	53,296	45,866	64,538	60,234	61,017
Nicaragua	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0
Panama	0	3,295	0	3,289	0	3,209
Philippines	0	0	0	0	0	0
Poland	10,550	3,635	18,046	17,422	7,165	7,236
Portugal	6,660	9,845	3,194	10,424	4,237	6,133
Singapore	3,384	0	10,009	0	0	0
South Korea	34,932	16,462	17,044	10,958	24,734	10,807
Spain	20,023	34,106	12,274	12,266	13,680	38,096
Taiwan	14,117	13,090	6,848	10,262	9,774	10,311
Thailand	14,793	7,463	4,242	0	4,225	4,249
Turkiye	0	0	0	0	13,908	11,866
United Kingdom	3,655	0	0	25,242	75,836	70,499
By truck						
Canada	8	8	17	7	7	7
Mexico	19	25	34	26	58	96
Total LNG exports	353,059	349,292	327,872	366,774	375,843	366,941
CNG						
Canada	0	0	0	0	0	*
Total CNG exports	0	0	0	0	0	*
Total exports	634,499	634,485	607,307	638,382	620,697	650,773

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		
	February	January	Total	December	November	October
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	95,691	105,422	959,630	98,718	90,179	72,738
Mexico	152,807	166,028	2,078,627	158,638	160,986	171,766
Total pipeline exports	248,498	271,450	3,038,257	257,355	251,165	244,505
LNG						
Exports						
By vessel						
Antigua and Barbuda	2	4	22	1	2	2
Argentina	2,287	0	66,939	0	0	0
Bahamas	27	42	489	42	35	40
Bangladesh	0	3,369	12,663	0	0	0
Barbados	0	0	93	0	1	0
Belgium	7,322	3,640	80,245	3,274	0	7,190
Brazil	0	0	71,998	0	0	3,439
Chile	0	3,307	30,131	0	0	0
China	2,565	17,896	96,659	6,992	17,308	22,598
Colombia	0	0	5,703	0	0	3,699
Croatia	6,006	2,913	77,286	6,204	5,122	2,922
Dominican Republic	3,514	3,643	50,824	6,644	0	3,469
El Salvador	0	0	0	0	0	0
Finland	0	0	329	329	0	0
France	39,457	34,124	571,399	38,311	50,655	41,959
Germany	8,229	14,314	7,113	7,112	1	0
Greece	6,781	3,207	69,031	2,869	421	4,424
Haiti	11	8	115	9	0	0
India	14,064	6,956	122,518	14,139	10,138	7,005
Indonesia	0	805	6,579	3,256	505	625
Israel	0	0	0	0	0	0
Italy	17,555	6,925	116,034	6,992	3,205	0
Jamaica	161	107	1,516	147	137	144
Japan	14,058	17,696	209,220	20,535	24,396	10,684
Jordan	0	0	0	0	0	0
Kuwait	0	0	57,018	0	0	3,299
Lithuania	0	6,713	77,212	3,281	3,708	7,072
Malta	0	2,592	5,273	0	2,928	0
Mexico	0	3,219	3,832	539	0	0
Netherlands	39,301	36,453	378,329	39,893	20,645	39,703
Nicaragua	0	0	0	0	0	0
Pakistan	0	0	3,074	0	0	0
Panama	0	2,718	13,759	249	3,833	0
Philippines	0	0	0	0	0	0
Poland	10,347	11,538	127,404	13,885	3,453	7,095
Portugal	6,138	6,816	69,583	10,025	3,732	7,005
Singapore	0	0	22,980	0	0	6,628
South Korea	22,672	24,507	292,732	24,700	14,069	38,844
Spain	32,138	13,987	426,657	33,847	26,445	26,369
Taiwan	6,557	3,471	106,738	9,203	3,592	9,041
Thailand	1,829	3,738	25,988	0	0	0
Turkiye	13,444	39,283	192,067	17,979	31,430	10,333
United Kingdom	71,702	63,032	464,462	69,332	76,693	46,040
By truck						
Canada	0	0	76	8	0	19
Mexico	106	133	1,552	160	153	175
Total LNG exports	326,275	337,155	3,865,643	339,960	302,608	309,823
CNG						
Canada	*	*	2	0	*	1
Total CNG exports	*	*	2	0	*	1
Total exports	574,773	608,605	6,903,902	597,316	553,774	554,328

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
	September	August	July	June	May	April
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	61,926	75,220	69,774	70,105	79,214	80,475
Mexico	169,159	182,596	189,652	182,995	186,003	176,447
Total pipeline exports	231,086	257,816	259,426	253,100	265,217	256,922
LNG						
Exports						
By vessel						
Antigua and Barbuda	3	2	2	3	2	3
Argentina	0	2,202	9,448	25,246	20,111	9,933
Bahamas	43	53	45	47	42	34
Bangladesh	0	0	0	0	3,346	0
Barbados	0	0	0	0	0	0
Belgium	9,165	3,589	0	7,023	3,441	7,341
Brazil	0	10,542	5,192	3,857	15,303	3,448
Chile	3,365	0	6,917	0	9,943	3,530
China	10,275	10,272	784	7,329	0	10,217
Colombia	0	606	0	912	0	0
Croatia	9,073	7,824	4,600	7,925	8,543	6,763
Dominican Republic	3,196	3,357	6,532	5,838	4,964	3,645
El Salvador	0	0	0	0	0	0
Finland	0	0	0	0	0	0
France	57,943	33,885	53,443	37,564	47,150	56,343
Germany	0	0	0	0	0	0
Greece	0	10,763	12,922	9,633	12,650	1,336
Haiti	8	11	8	13	9	11
India	10,528	10,265	13,902	10,653	7,152	14,223
Indonesia	509	967	0	0	0	0
Israel	0	0	0	0	0	0
Italy	8,355	15,462	9,914	7,137	21,696	15,519
Jamaica	240	110	121	48	144	135
Japan	7,005	20,156	18,189	21,561	24,024	13,231
Jordan	0	0	0	0	0	0
Kuwait	7,038	6,415	5,382	8,105	14,204	7,298
Lithuania	3,541	7,579	7,947	6,729	11,237	13,770
Malta	0	0	0	0	0	0
Mexico	0	0	0	3,292	0	0
Netherlands	30,924	50,020	32,637	34,420	28,902	28,395
Nicaragua	0	0	0	0	0	0
Pakistan	0	0	0	0	0	3,074
Panama	0	0	0	623	1,192	1,536
Philippines	0	0	0	0	0	0
Poland	16,917	6,885	17,780	14,282	18,224	13,882
Portugal	5,806	3,202	6,412	5,582	3,888	6,632
Singapore	0	0	6,275	3,352	0	0
South Korea	19,736	36,033	34,342	25,054	17,538	13,813
Spain	21,263	26,140	34,396	29,639	40,337	40,259
Taiwan	9,753	8,901	9,353	6,892	15,975	9,541
Thailand	3,673	3,607	0	6,920	3,419	0
Turkiye	5,458	0	0	7,542	7,281	6,637
United Kingdom	51,467	21,263	3,797	3,326	10,608	39,775
By truck						
Canada	0	0	0	8	8	15
Mexico	94	103	76	105	115	122
Total LNG exports	295,379	300,215	300,415	300,659	351,448	330,463
CNG						
Canada	*	*	1	*	0	0
Total CNG exports	*	*	1	*	0	0
Total exports	526,465	558,031	559,842	553,760	616,665	587,385

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		
	March	February	January
Exports			
Volume (million cubic feet)			
Pipeline			
Canada	105,074	74,630	81,577
Mexico	169,885	155,032	175,467
Total pipeline exports	274,958	229,662	257,045
LNG			
Exports			
By vessel			
Antigua and Barbuda	2	0	2
Argentina	0	0	0
Bahamas	43	31	34
Bangladesh	3,421	5,896	0
Barbados	34	31	28
Belgium	17,743	7,691	13,786
Brazil	2,236	10,660	17,322
Chile	3,214	0	3,162
China	7,527	3,357	0
Colombia	0	0	486
Croatia	3,358	5,870	9,084
Dominican Republic	6,530	0	6,647
El Salvador	0	0	0
Finland	0	0	0
France	64,415	39,646	50,084
Germany	0	0	0
Greece	4,116	8,094	1,802
Haiti	10	16	20
India	10,438	7,210	6,866
Indonesia	0	717	0
Israel	0	0	0
Italy	7,088	13,629	7,037
Jamaica	92	111	86
Japan	17,697	10,214	21,527
Jordan	0	0	0
Kuwait	0	5,277	0
Lithuania	5,700	3,131	3,518
Malta	0	2,345	0
Mexico	0	0	0
Netherlands	24,922	31,591	16,279
Nicaragua	0	0	0
Pakistan	0	0	0
Panama	0	3,069	3,255
Philippines	0	0	0
Poland	3,831	7,475	3,695
Portugal	10,728	3,703	2,868
Singapore	6,725	0	0
South Korea	19,289	27,489	21,824
Spain	59,224	39,359	49,379
Taiwan	12,161	6,115	6,211
Thailand	0	4,880	3,490
Turkiye	16,629	43,697	45,081
United Kingdom	56,799	25,301	60,060
By truck			
Canada	0	4	13
Mexico	144	157	148
Total LNG exports	364,116	316,766	353,791
CNG			
Canada	*	0	0
Total CNG exports	*	0	0
Total exports	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					2023
	January	Total	December	November	October	September
Exports						
Average price (dollars per thousand cubic feet)						
Pipeline						
Canada	3.29	2.64	2.57	2.79	2.30	2.15
Mexico	3.27	2.49	2.43	2.48	2.48	2.54
Total pipeline exports	3.28	2.54	2.48	2.58	2.44	2.43
LNG						
Exports						
By vessel						
Antigua and Barbuda	10.80	10.80	10.80	10.80	10.80	10.80
Argentina	--	11.57	--	--	--	--
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	--	10.72	9.98	5.08	--	--
Barbados	10.39	10.39	10.39	--	--	--
Belgium	6.63	6.68	6.14	7.16	6.25	5.53
Brazil	6.78	9.25	5.87	6.51	12.34	6.19
Chile	5.85	6.75	--	--	--	--
China	5.26	8.42	7.12	7.39	5.84	5.84
Colombia	6.06	6.82	6.62	6.71	5.45	7.72
Croatia	8.14	6.65	5.47	8.50	--	5.71
Dominican Republic	9.00	10.36	11.91	7.18	8.01	6.29
El Salvador	--	5.85	--	--	--	--
Finland	--	10.24	11.91	5.08	--	7.62
France	5.93	7.58	6.91	7.60	6.99	6.60
Germany	8.34	9.19	8.14	8.38	8.32	8.47
Greece	6.93	5.84	6.53	--	--	5.31
Haiti	10.39	10.39	10.39	10.39	10.39	10.39
India	6.57	6.39	6.11	6.38	5.97	6.26
Indonesia	--	6.91	--	--	--	11.16
Israel	--	--	--	--	--	--
Italy	6.51	7.50	6.13	8.61	8.48	6.51
Jamaica	5.79	7.22	6.98	6.57	12.56	5.27
Japan	6.51	6.97	6.84	8.40	6.59	6.89
Jordan	--	6.31	--	--	--	--
Kuwait	--	5.85	--	--	--	6.20
Lithuania	5.85	6.54	6.96	--	9.27	6.07
Malta	--	8.23	--	--	--	--
Mexico	--	8.61	10.19	--	12.56	--
Netherlands	8.06	7.61	7.59	8.58	6.98	6.81
Nicaragua	--	--	--	--	--	--
Pakistan	--	12.22	12.22	--	--	--
Panama	10.00	6.70	12.22	5.93	--	6.78
Philippines	--	10.89	--	12.15	9.61	--
Poland	8.21	6.41	5.43	6.75	7.34	5.66
Portugal	5.96	5.87	6.97	5.86	5.68	5.45
Singapore	6.04	6.68	--	--	6.49	8.86
South Korea	6.51	7.21	6.26	6.54	7.41	6.61
Spain	6.52	7.55	6.49	7.18	7.00	6.13
Taiwan	5.80	6.46	5.78	6.90	10.04	5.54
Thailand	5.75	6.42	10.99	6.82	6.65	--
Turkiye	6.59	7.71	5.96	7.85	6.52	6.27
United Kingdom	7.41	7.66	7.18	6.66	6.07	7.14
By truck						
Canada	--	14.54	15.29	16.31	--	14.36
Mexico	6.89	8.53	7.21	7.33	7.19	8.31
Total LNG exports	6.89	7.57	6.94	7.51	7.08	6.57
CNG						
Canada	--	4.01	--	--	--	--
Total CNG exports	--	4.01	--	--	--	--
Total exports	5.40	5.41	5.14	5.49	5.18	4.72

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					
	August	July	June	May	April	March
Exports						
Average price (dollars per thousand cubic feet)						
Pipeline						
Canada	2.10	2.28	2.06	1.97	2.11	2.64
Mexico	2.62	2.63	2.25	1.98	1.87	2.30
Total pipeline exports	2.50	2.54	2.20	1.97	1.94	2.43
LNG						
Exports						
By vessel						
Antigua and Barbuda	10.80	10.80	10.80	10.80	10.80	10.80
Argentina	--	5.62	14.09	13.09	9.07	4.87
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	5.89	--	5.80	3.04	--	--
Barbados	--	--	--	--	--	--
Belgium	2.98	--	5.20	4.57	5.34	12.64
Brazil	6.17	--	11.42	19.45	5.16	4.87
Chile	6.10	5.95	5.40	5.70	--	9.40
China	5.57	6.56	16.29	5.87	11.12	5.98
Colombia	8.00	--	--	5.98	--	--
Croatia	6.71	5.98	--	5.47	6.15	5.63
Dominican Republic	6.84	6.20	2.89	23.38	15.81	6.12
El Salvador	--	5.85	--	--	--	--
Finland	6.03	7.08	5.35	14.11	--	17.76
France	6.04	6.38	5.59	5.85	8.65	6.17
Germany	7.21	10.22	5.80	9.85	5.71	12.06
Greece	6.06	--	5.35	5.00	4.54	6.07
Haiti	10.39	10.39	10.39	10.39	10.39	10.39
India	6.43	6.46	5.82	5.60	5.17	5.96
Indonesia	5.53	5.95	--	--	--	--
Israel	--	--	--	--	--	--
Italy	7.28	6.20	6.24	5.78	6.80	5.93
Jamaica	10.52	5.86	10.14	6.06	10.44	6.65
Japan	6.95	6.77	6.70	6.51	5.65	6.92
Jordan	--	6.31	--	--	--	--
Kuwait	5.92	7.19	5.43	4.57	5.12	--
Lithuania	5.77	6.31	5.31	5.81	4.84	4.98
Malta	--	--	--	--	--	--
Mexico	--	5.85	--	--	--	6.12
Netherlands	6.75	6.71	6.06	6.27	6.03	8.15
Nicaragua	--	--	--	--	--	--
Pakistan	--	--	--	--	--	--
Panama	--	5.85	--	5.64	--	6.66
Philippines	--	--	--	--	--	--
Poland	7.38	4.65	6.01	5.01	4.99	8.63
Portugal	5.36	5.95	4.69	5.70	5.20	5.29
Singapore	6.17	--	5.46	--	--	--
South Korea	6.14	6.13	5.79	5.68	5.65	6.12
Spain	7.15	6.51	11.16	7.87	8.18	7.90
Taiwan	6.41	5.53	7.03	6.53	7.40	5.29
Thailand	5.05	8.05	4.65	--	4.22	4.77
Turkiye	--	--	--	--	5.23	10.50
United Kingdom	6.19	--	--	5.80	6.93	7.95
By truck						
Canada	14.32	14.34	13.86	14.60	14.54	14.36
Mexico	6.72	9.22	8.83	7.70	8.57	9.44
Total LNG exports	6.45	6.62	7.37	7.33	6.83	7.97
CNG						
Canada	--	--	--	--	--	3.36
Total CNG exports	--	--	--	--	--	3.36
Total exports	4.70	4.79	4.99	5.05	4.91	5.55

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		Total	December	November	2022 October
	February	January				
Exports						
Average price (dollars per thousand cubic feet)						
Pipeline						
Canada	3.34	4.38	6.49	6.73	5.43	5.42
Mexico	2.63	3.81	6.26	6.00	4.67	4.86
Total pipeline exports	2.90	4.03	6.34	6.28	4.94	5.03
LNG						
Exports						
By vessel						
Antigua and Barbuda	10.80	10.80	10.80	10.80	10.80	10.79
Argentina	17.21	--	13.89	--	--	--
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	--	40.44	10.05	--	--	--
Barbados	--	--	10.48	--	17.98	--
Belgium	8.16	8.36	12.59	9.35	--	22.74
Brazil	--	--	11.64	--	--	9.59
Chile	--	6.96	10.53	--	--	--
China	6.90	13.31	11.74	11.69	13.35	11.09
Colombia	--	--	12.72	--	--	11.33
Croatia	7.61	8.30	11.75	10.40	9.67	9.52
Dominican Republic	27.88	7.40	12.56	10.25	--	33.52
El Salvador	--	--	--	--	--	--
Finland	--	--	10.68	10.68	--	--
France	11.71	12.44	12.48	11.90	13.37	14.62
Germany	16.33	13.46	20.02	20.02	10.79	--
Greece	5.09	8.69	14.52	11.14	9.31	32.92
Haiti	10.39	10.39	10.39	10.39	--	--
India	8.87	8.20	10.86	10.20	8.91	10.52
Indonesia	--	6.96	11.40	11.16	9.21	11.36
Israel	--	--	--	--	--	--
Italy	13.92	9.09	11.46	9.96	9.89	--
Jamaica	10.39	10.39	10.74	10.40	10.39	10.40
Japan	7.28	8.36	10.73	10.78	8.99	10.89
Jordan	--	--	--	--	--	--
Kuwait	--	--	13.33	--	--	11.20
Lithuania	--	8.53	11.14	10.68	9.08	11.04
Malta	--	8.23	8.87	--	8.58	--
Mexico	--	8.67	13.43	11.01	--	--
Netherlands	12.24	11.95	12.50	10.66	12.37	12.75
Nicaragua	--	--	--	--	--	--
Pakistan	--	--	9.53	--	--	--
Panama	--	9.32	10.90	8.89	9.21	--
Philippines	--	--	--	--	--	--
Poland	6.14	8.76	19.74	23.11	29.15	24.75
Portugal	6.08	7.99	10.35	10.08	9.89	10.54
Singapore	--	--	14.95	--	--	24.54
South Korea	6.67	16.08	12.45	10.59	9.19	15.91
Spain	7.88	9.44	11.46	16.77	9.46	14.67
Taiwan	6.26	7.68	10.90	10.30	9.31	11.33
Thailand	6.93	8.75	15.94	--	--	--
Turkiye	7.75	9.77	11.09	12.91	10.65	11.06
United Kingdom	7.58	11.07	12.06	13.05	12.90	12.75
By truck						
Canada	--	--	16.95	17.10	--	17.12
Mexico	9.27	8.24	13.27	12.06	11.91	13.53
Total LNG exports	9.36	11.24	12.24	12.67	11.68	14.32
CNG						
Canada	4.33	4.34	3.09	--	6.29	4.81
Total CNG exports	4.33	4.34	3.09	--	6.29	4.81
Total exports	6.57	8.03	9.64	9.91	8.63	10.22

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
	September	August	July	June	May	April
Exports						
Average price (dollars per thousand cubic feet)						
Pipeline						
Canada	7.91	8.42	6.75	8.02	7.60	6.05
Mexico	7.73	8.45	6.80	7.95	7.63	6.03
Total pipeline exports	7.78	8.44	6.78	7.97	7.62	6.04
LNG						
Exports						
By vessel						
Antigua and Barbuda	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
Bangladesh	--	--	--	--	12.71	--
Barbados	--	--	--	--	--	--
Belgium	13.42	13.94	--	12.81	11.83	8.29
Brazil	--	14.14	11.39	16.02	15.93	9.71
Chile	14.86	--	11.21	--	10.88	8.37
China	13.86	12.48	10.94	13.58	--	9.64
Colombia	--	13.54	--	21.03	--	--
Croatia	13.51	20.92	11.26	13.12	11.59	9.55
Dominican Republic	14.86	13.94	10.95	14.01	12.17	9.53
El Salvador	--	--	--	--	--	--
Finland	--	--	--	--	--	--
France	18.50	14.63	11.44	14.12	12.14	10.26
Germany	--	--	--	--	--	--
Greece	--	23.35	11.25	13.50	12.82	9.53
Haiti	10.39	10.39	10.39	10.39	10.39	10.39
India	13.52	13.13	11.53	15.89	11.41	9.09
Indonesia	12.22	13.54	--	--	--	--
Israel	--	--	--	--	--	--
Italy	13.70	12.34	11.65	13.59	11.60	13.47
Jamaica	12.51	10.40	10.40	10.44	10.40	10.41
Japan	13.80	13.21	11.13	12.71	11.81	9.78
Jordan	--	--	--	--	--	--
Kuwait	28.22	13.75	10.94	12.55	11.23	9.15
Lithuania	13.84	14.98	10.50	13.96	12.05	9.27
Malta	--	--	--	--	--	--
Mexico	--	--	--	13.83	--	--
Netherlands	16.84	17.25	13.87	13.13	12.24	9.35
Nicaragua	--	--	--	--	--	--
Pakistan	--	--	--	--	--	9.53
Panama	--	--	--	14.33	11.80	18.60
Philippines	--	--	--	--	--	--
Poland	23.90	27.78	19.81	19.40	16.94	17.68
Portugal	13.89	13.02	10.69	12.49	11.58	9.34
Singapore	--	--	11.07	13.31	--	--
South Korea	14.19	14.68	13.16	13.32	11.80	9.58
Spain	14.04	13.16	14.29	13.15	11.65	9.09
Taiwan	13.64	12.31	10.94	13.56	13.32	8.70
Thailand	14.30	13.05	--	28.89	11.35	--
Turkiye	15.48	--	--	11.70	11.26	21.41
United Kingdom	17.75	17.43	11.18	13.53	12.21	9.75
By truck						
Canada	--	--	--	19.57	18.68	17.19
Mexico	16.14	16.90	14.21	16.10	13.78	12.11
Total LNG exports	16.72	15.45	12.76	14.36	12.33	10.33
CNG						
Canada	1.93	2.01	2.07	2.05	--	--
Total CNG exports	1.93	2.01	2.07	2.05	--	--
Total exports	12.79	12.22	9.99	11.44	10.31	8.45

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		
	March	February	January
Exports			
Average price (dollars per thousand cubic feet)			
Pipeline			
Canada	4.93	6.16	5.61
Mexico	4.58	5.23	4.65
Total pipeline exports	4.71	5.53	4.96
LNG			
Exports			
By vessel			
Antigua and Barbuda	10.80	--	10.80
Argentina	--	--	--
Bahamas	10.39	10.39	10.39
Bangladesh	8.61	9.37	--
Barbados	10.39	10.39	10.42
Belgium	13.83	10.13	9.33
Brazil	7.78	9.84	7.83
Chile	9.14	--	7.17
China	8.03	10.15	--
Colombia	--	--	6.75
Croatia	8.64	10.64	7.65
Dominican Republic	8.48	--	8.37
El Salvador	--	--	--
Finland	--	--	--
France	10.88	10.92	7.84
Germany	--	--	--
Greece	8.55	8.69	7.77
Haiti	10.39	10.39	10.39
India	8.08	9.39	7.74
Indonesia	--	10.64	--
Israel	--	--	--
Italy	8.32	9.96	7.83
Jamaica	10.42	10.40	10.40
Japan	8.54	10.79	8.12
Jordan	--	--	--
Kuwait	--	9.32	--
Lithuania	8.60	11.18	7.48
Malta	--	9.24	--
Mexico	--	--	--
Netherlands	8.02	9.60	7.98
Nicaragua	--	--	--
Pakistan	--	--	--
Panama	--	11.17	8.17
Philippines	--	--	--
Poland	7.45	10.85	7.96
Portugal	7.83	9.56	7.43
Singapore	9.92	--	--
South Korea	8.82	9.88	11.88
Spain	8.71	10.28	8.23
Taiwan	7.76	9.49	7.51
Thailand	--	9.49	8.49
Turkiye	8.91	10.46	9.91
United Kingdom	8.38	10.31	8.25
By truck			
Canada	--	14.38	14.28
Mexico	10.80	12.25	12.86
Total LNG exports	9.15	10.17	8.56
CNG			
Canada	2.53	--	--
Total CNG exports	2.53	--	--
Total exports	7.24	8.22	7.04

-- Not applicable.

* Volume is less than 500 Mcf.

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 "LNG Monthly" (<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	36,087	11,467	155,910	12,478	319,232	3,361	202,104	88,081	190,930
February	295,371	32,336	9,933	141,670	11,122	290,440	3,136	186,871	80,501	172,453
March	317,649	36,319	11,745	159,228	12,465	319,999	3,564	220,106	93,353	190,930
April	299,777	35,043	11,499	153,938	12,347	324,948	3,417	218,172	73,606	181,993
May	299,293	35,781	11,710	154,436	12,826	348,748	3,451	225,245	86,452	188,060
June	269,010	34,299	11,422	149,200	12,302	336,631	3,564	216,799	91,783	181,993
July	283,777	35,096	11,870	153,978	12,659	348,783	3,627	229,575	96,204	193,328
August	273,965	35,394	12,298	155,264	12,814	352,223	3,792	231,176	95,609	193,328
September	282,388	34,211	11,408	151,635	11,854	349,257	3,693	232,952	95,299	187,092
October	297,901	35,112	11,673	157,117	13,008	366,190	3,731	252,211	97,788	190,335
November	312,304	33,568	11,213	151,425	12,206	357,468	3,527	241,451	91,122	184,195
December	332,133	32,951	11,518	150,678	11,764	356,167	2,834	253,767	81,908	190,335
Total	3,586,882	416,196	137,754	1,834,478	147,846	4,070,087	41,697	2,710,427	1,071,706	2,244,971
2023										
January	326,517	€34,788	€11,182	€151,970	€11,783	€364,337	€3,811	€257,105	€88,687	€198,189
February	295,708	€31,085	€10,157	€135,346	€10,528	€352,923	€3,482	€235,426	€85,903	€174,917
March	316,126	€34,429	€11,025	€150,257	€11,441	€370,640	€3,840	€270,908	€94,380	€199,571
April	302,177	€32,911	€10,774	€146,973	€11,228	€364,011	€3,744	€261,755	€93,667	€187,566
May	298,735	€33,689	€11,372	€152,812	€11,555	€380,043	€3,854	€265,901	€98,198	€191,104
June	274,102	€32,280	€10,919	€149,257	€10,817	€346,197	€3,737	€254,831	€97,989	€179,766
July	260,962	€33,094	€11,345	€155,708	€10,985	€364,056	€3,825	€267,196	€103,070	€189,040
August	239,768	€32,973	€11,345	€158,090	€11,293	€365,822	€3,936	€273,271	€103,865	€195,216
September	263,282	€31,874	€10,951	€152,299	€10,902	€352,178	€3,808	€267,345	€104,500	€188,594
October	298,628	€32,602	€11,033	€157,541	€11,305	€361,148	€3,855	€273,826	€106,583	€186,975
November	299,779	RE31,377	RE10,390	RE154,367	RE10,869	RE344,274	RE3,637	RE273,324	RE104,577	RE185,717
December	328,293	RE32,090	RE10,760	RE161,166	RE11,145	RE346,231	RE3,918	RE291,561	RE110,073	RE186,789
Total	3,504,078	RE393,190	RE131,255	RE1,825,785	RE133,850	RE4,311,863	RE45,448	RE3,192,449	RE1,191,492	RE2,263,443
2024										
January	324,104	€29,149	€10,596	€155,677	€10,302	€340,996	€3,743	€275,851	€95,363	€180,597

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	216,347	657,613	947,251	20,848	234,795	111,691	31,416	65,420	3,628,346
February	196,621	577,251	850,501	18,658	209,707	99,976	31,840	57,832	3,266,220
March	225,203	634,328	966,474	21,563	239,344	110,151	34,988	65,440	3,662,848
April	226,464	614,569	950,317	21,311	235,580	106,959	32,106	66,292	3,568,334
May	235,497	638,527	982,040	22,380	247,179	107,992	32,800	62,991	3,695,408
June	231,202	616,619	945,643	21,862	240,568	104,837	31,939	65,130	3,564,801
July	239,209	644,039	993,914	22,705	251,625	112,528	35,419	67,456	3,735,794
August	238,619	635,404	1,000,545	23,639	255,603	107,569	34,071	69,090	3,730,403
September	238,112	618,364	979,541	21,903	245,734	106,511	33,278	66,095	3,669,326
October	245,755	637,050	1,017,003	22,214	251,647	113,719	33,934	67,409	3,813,798
November	234,562	613,000	981,071	21,374	255,298	109,370	33,530	65,505	3,712,188
December	236,429	624,415	988,224	22,739	253,533	106,194	33,309	65,907	3,754,805
Total	2,764,019	7,511,179	11,602,524	261,196	2,920,613	1,297,497	398,630	784,567	43,802,269
2023									
January	£241,437	£646,645	£1,002,863	£22,396	£256,931	£99,938	£32,144	£68,910	£3,819,633
February	£217,813	£572,742	£903,156	£19,043	£231,585	£87,317	£27,899	£60,583	£3,455,613
March	£240,498	£642,354	£1,029,880	£22,840	£266,638	£98,660	£28,459	£66,064	£3,858,010
April	£232,276	£619,656	£999,326	£22,680	£256,029	£94,374	£30,690	£59,529	£3,729,365
May	£237,558	£648,124	£1,052,613	£24,124	£268,279	£102,882	£31,298	£57,325	£3,869,465
June	£233,220	£627,912	£1,017,301	£24,432	£266,083	£100,991	£31,827	£58,126	£3,719,787
July	£238,429	£643,265	£1,055,615	£24,258	£279,996	£88,979	£33,175	£64,202	£3,827,200
August	£236,507	£648,577	£1,067,621	£25,251	£282,678	£99,441	£32,895	£61,088	£3,849,638
September	£234,235	£616,784	£1,035,879	£24,682	£268,946	£98,982	£31,981	£63,956	£3,761,177
October	£239,892	£640,992	£1,071,450	£25,842	£284,310	£106,963	£32,878	£62,841	£3,908,666
November	RE229,910	RE643,405	RE1,044,489	RE25,682	£282,583	RE106,588	£31,471	RE58,087	RE3,840,525
December	RE235,541	RE669,131	RE1,087,689	RE26,521	£295,123	RE109,872	RE31,990	RE60,407	RE3,998,300
Total	RE2,817,316	RE7,619,589	RE12,367,883	RE287,750	£3,239,180	RE1,194,987	RE376,707	RE741,117	RE45,637,380
2024									
January	£226,254	£659,207	£1,037,410	£26,427	£288,010	£107,061	£31,583	£60,142	£3,862,470

RE Revised estimated data.

E Estimated data.

Source: 2019-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*, Bureau of Safety and Environmental Enforcement (BSEE), IHS Markit, and Enverus. January 2023 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 2023, 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	36,087	11,347	155,786	12,478	318,772	3,119	199,405	81,490	190,930
February	30,014	32,336	9,814	141,557	11,122	290,031	2,977	184,452	75,867	172,453
March	32,473	36,319	11,603	159,101	12,465	319,562	3,370	218,272	88,106	190,930
April	30,910	35,043	11,384	153,816	12,347	324,537	3,175	216,047	68,665	181,993
May	31,677	35,781	11,593	154,313	12,826	348,337	3,170	222,902	81,340	188,060
June	28,644	34,299	11,296	149,081	12,302	336,152	3,208	215,334	86,437	181,993
July	29,654	35,096	11,734	153,856	12,659	348,334	3,367	228,003	90,288	193,328
August	29,380	35,394	12,177	155,140	12,814	351,777	3,544	229,728	89,688	193,328
September	29,288	34,211	11,260	151,515	11,854	348,817	3,491	231,482	90,550	187,092
October	31,122	35,112	11,520	156,992	13,008	365,742	3,560	250,312	93,103	190,335
November	30,934	33,568	11,095	151,304	12,206	357,021	3,266	239,821	85,482	184,195
December	36,181	32,951	11,396	150,558	11,764	355,708	2,461	251,472	76,605	190,335
Total	373,141	416,196	136,220	1,833,019	147,846	4,064,791	38,709	2,687,231	1,007,621	2,244,971
2023										
January	33,391	£34,788	£11,055	£151,849	£11,783	£363,863	£3,538	£254,905	£83,384	£198,189
February	30,726	£31,085	£10,042	£135,238	£10,528	£352,464	£3,233	£233,411	£80,766	£174,917
March	32,676	£34,429	£10,900	£150,138	£11,441	£370,158	£3,565	£268,590	£88,736	£199,571
April	31,313	£32,911	£10,652	£146,856	£11,228	£363,538	£3,475	£259,515	£88,066	£187,566
May	31,288	£33,689	£11,243	£152,690	£11,555	£379,548	£3,577	£263,626	£92,326	£191,104
June	28,991	£32,280	£10,795	£149,138	£10,817	£345,747	£3,469	£252,650	£92,129	£179,766
July	28,478	£33,094	£11,217	£155,584	£10,985	£363,583	£3,551	£264,909	£96,906	£189,040
August	26,756	£32,973	£11,217	£157,964	£11,293	£365,347	£3,654	£270,933	£97,655	£195,216
September	28,784	£31,874	£10,827	£152,177	£10,902	£351,720	£3,535	£265,057	£98,252	£188,594
October	31,535	£32,602	£10,908	£157,416	£11,305	£360,678	£3,579	£271,482	£100,209	£186,975
November	30,734	RE31,377	RE10,272	RE154,244	RE10,869	RE343,826	RE3,376	RE270,985	RE98,324	RE185,717
December	33,356	RE32,090	RE10,638	RE161,037	RE11,145	RE345,781	RE3,637	RE289,066	RE103,491	RE186,789
Total	368,027	RE393,190	RE129,766	RE1,824,332	RE133,850	RE4,306,253	RE42,191	RE3,165,128	RE1,120,244	RE2,263,443
2024										
January	34,077	£29,149	£10,476	£155,553	£10,302	£340,552	£3,475	£273,490	£89,660	£180,597

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	216,347	657,613	878,743	20,719	234,795	89,680	30,986	64,105	3,235,266
February	196,621	577,251	795,295	18,516	209,707	78,589	31,234	56,642	2,914,480
March	225,203	634,328	903,364	21,502	239,344	87,991	34,249	64,273	3,282,454
April	226,464	614,569	880,176	21,243	235,580	86,485	31,383	65,402	3,199,218
May	235,497	638,527	918,979	22,306	247,179	85,606	32,053	61,895	3,332,041
June	231,202	616,619	881,753	21,786	240,568	85,970	31,592	64,090	3,232,326
July	239,209	644,039	920,414	22,646	251,625	89,886	34,763	66,176	3,375,077
August	238,619	635,404	937,041	23,549	255,603	87,801	33,420	67,976	3,392,383
September	238,112	618,364	925,985	21,849	245,734	83,339	32,595	64,875	3,330,414
October	245,755	637,050	941,968	22,103	251,647	88,939	33,226	66,250	3,437,743
November	234,562	613,000	910,587	21,297	255,298	85,621	32,901	64,414	3,326,572
December	236,429	624,415	934,211	22,675	253,533	82,730	32,644	64,307	3,370,376
Total	2,764,019	7,511,179	10,828,515	260,192	2,920,613	1,032,634	391,046	770,406	39,428,350
2023									
January	£241,437	£646,645	£935,962	£22,310	£256,931	£79,538	£31,536	£67,666	£3,428,769
February	£217,813	£572,742	£842,907	£18,969	£231,585	£69,492	£27,372	£59,490	£3,102,781
March	£240,498	£642,354	£961,177	£22,752	£266,638	£78,520	£27,921	£64,871	£3,474,934
April	£232,276	£619,656	£932,661	£22,593	£256,029	£75,109	£30,110	£58,454	£3,362,007
May	£237,558	£648,124	£982,394	£24,031	£268,279	£81,880	£30,706	£56,290	£3,499,909
June	£233,220	£627,912	£949,437	£24,338	£266,083	£80,375	£31,225	£57,076	£3,375,450
July	£238,429	£643,265	£985,195	£24,165	£279,996	£70,816	£32,548	£63,043	£3,494,802
August	£236,507	£648,577	£996,400	£25,154	£282,678	£79,142	£32,273	£59,986	£3,533,722
September	£234,235	£616,784	£966,776	£24,587	£268,946	£78,776	£31,376	£62,802	£3,426,002
October	£239,892	£640,992	£999,974	£25,742	£284,310	£85,128	£32,256	£61,707	£3,536,693
November	RE229,910	RE643,405	RE974,811	RE25,583	£282,583	RE84,830	£30,876	RE57,038	RE3,468,760
December	RE235,541	RE669,131	RE1,015,129	RE26,419	£295,123	RE87,443	RE31,385	RE59,317	RE3,596,519
Total	RE2,817,316	RE7,619,589	RE11,542,821	RE286,643	£3,239,180	RE951,049	RE369,584	RE727,741	RE41,300,347
2024									
January	£226,254	£659,207	£968,204	£26,325	£288,010	£85,206	£30,986	£59,056	£3,470,579

RE Revised estimated data.

E Estimated data.

Source: 2019-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*, Bureau of Safety and Environmental Enforcement (BSEE), IHS Markit, and Enverus. January 2023 through current month: Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; and EIA computations.

Note: For 2023 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 2023, 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 ^c	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	-269
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	-548
2024								
January	4,468	2,613	7,081	143	5.8	107	950	844

^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; and 2022 – 9,269. 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.

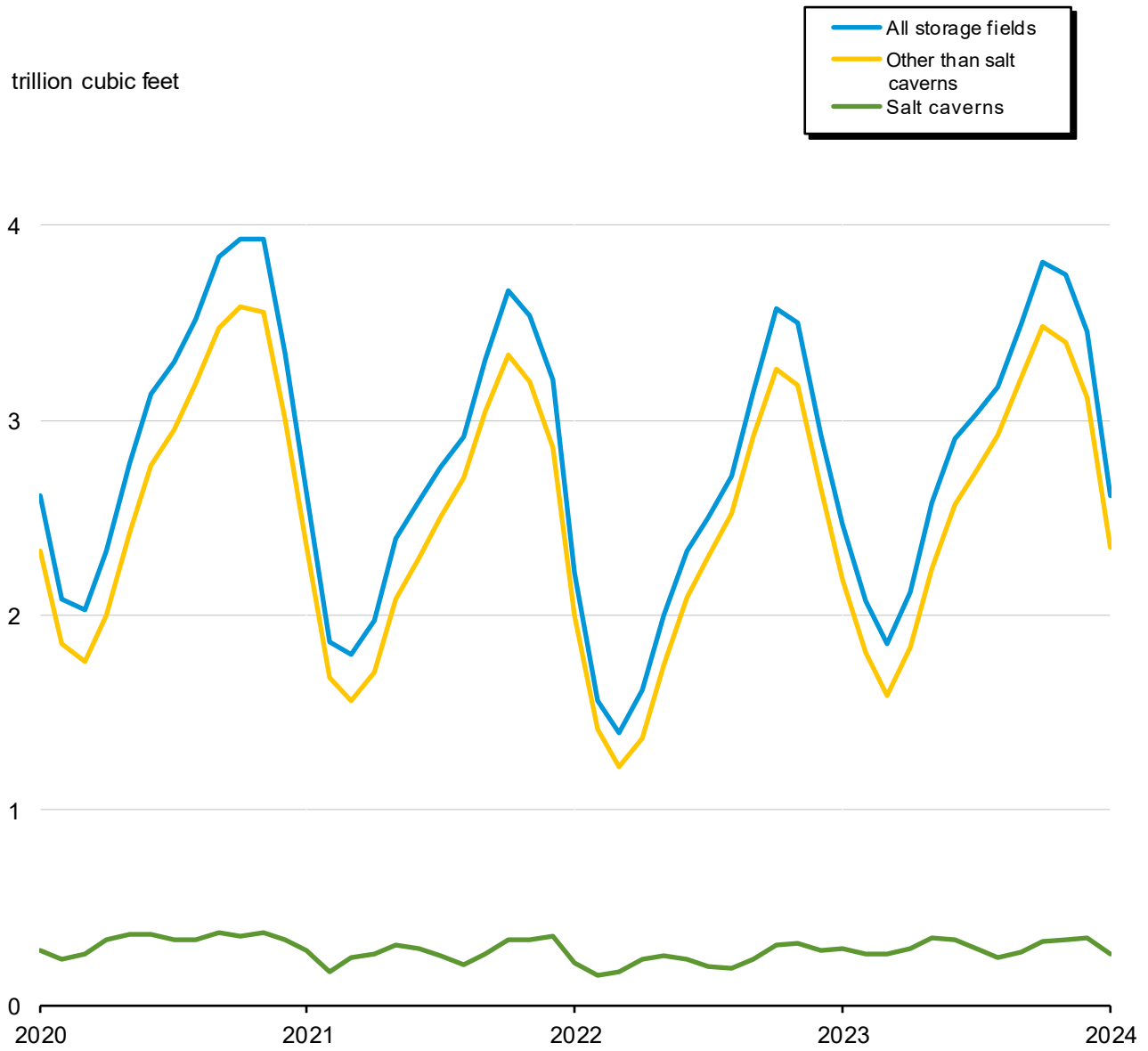
^c Total as of December 31.

-- Not applicable.

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

Note: Data for 2019 through 2022 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, 2020-2024



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, 2022-2024

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
2022 heating season								
November	4,439	3,533	7,971	-399	-10.1	189	321	132
December	4,438	3,210	7,648	-131	-3.9	190	513	323
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
Total	--	--	--	--	--	788	3,058	2,270
2022 refill season								
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
Total	--	--	--	--	--	3,068	883	-2,185
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	-269
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	2,613	7,081	143	5.8	107	950	844

^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.

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

Note: Data for 2022 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

^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 2022 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	-477
2024								
January	4,261	2,348	6,609	167	7.6	41	805	764

^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 2022 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			2023		
	January	Total	December	November	October	September
Alabama	5,760	-6,555	1,668	-1,078	-3,850	-3,531
Alaska ^a	2,882	-317	2,648	1,802	316	-1,087
Arkansas	1,621	-478	1,217	660	-441	-764
California	43,248	-103,170	9,751	-7,093	-6,131	-24,345
Colorado	10,310	-6,465	3,224	967	-2,280	-6,360
Illinois	65,597	-13,992	41,607	-7,035	-46,091	-39,880
Indiana	6,755	-2,948	2,374	-1,513	-3,644	-4,074
Iowa	19,788	-1,961	17,950	-6,298	-15,628	-16,991
Kansas	17,261	-16,180	5,068	3,751	-2,291	-9,754
Kentucky	21,097	1,440	11,882	3,146	-7,532	-5,710
Louisiana	82,545	-50,067	7,844	-14,050	-37,579	-16,912
Maryland	4,068	-1,470	598	588	-593	-616
Michigan	145,207	-99,120	53,715	32,781	-32,888	-55,069
Minnesota	408	-4	17	-138	-339	-325
Mississippi	30,247	-17,081	5,480	7,539	-16,684	-13,930
Missouri	818	-688	112	-231	-479	-235
Montana	7,257	-5,223	4,982	2,487	-904	-2,631
Nebraska	2,158	-2,454	1,306	335	-757	-911
New Mexico	3,542	-17,502	-868	-1,855	-3,336	-1,850
New York	22,232	-15,036	7,191	3,740	-6,869	-9,078
Ohio	43,745	-12,669	22,287	17,303	-17,159	-23,656
Oklahoma	39,306	-16,720	12,038	2,245	-10,503	-9,176
Oregon	5,672	-5,515	763	165	-638	-1,789
Pennsylvania	90,132	-37,976	20,743	16,706	-36,959	-29,000
Tennessee	30	-260	-24	4	*	-13
Texas	93,407	-47,701	2,763	-11,057	-47,981	-7,312
Utah	12,489	-15,436	6,469	2,276	-2,300	-5,608
Virginia	800	-683	-232	578	-437	-970
Washington	4,443	-6,681	-1,229	-312	2,668	-767
West Virginia	54,309	-21,349	38,633	17,454	-17,254	-24,820
Wyoming	6,756	-23,338	3,895	1,118	-2,783	-5,697
Regions						
East region	215,285	-89,182	89,220	56,369	-79,272	-88,140
South central region	270,147	-154,782	36,080	-11,990	-119,327	-61,378
Midwest region	259,700	-117,533	127,633	20,716	-106,600	-122,299
Mountain region	42,511	-70,418	19,006	5,330	-12,360	-23,056
Pacific region	53,364	-115,366	9,285	-7,241	-4,101	-26,902
Total lower 48 states	841,008	-547,281	281,224	63,184	-321,660	-321,775
U.S. total	843,889	-547,598	283,872	64,986	-321,344	-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
Alabama	4,087	2,868	243	-1,303	-3,731	-468
Alaska ^a	-1,642	-1,974	-1,876	-1,117	-198	794
Arkansas	-1,006	-964	-929	-846	-319	1,129
California	-16,003	-16,579	-45,318	-41,501	-27,136	8,985
Colorado	-5,815	-2,524	-7,118	-8,269	-2,572	5,341
Illinois	-33,745	-28,118	-27,140	-15,376	6,481	36,124
Indiana	-3,454	-1,226	-802	-824	-359	2,668
Iowa	-11,625	-843	-4,012	-2,360	938	6,790
Kansas	-2,357	-7,498	-7,987	-11,800	-6,853	7,709
Kentucky	-396	1,126	-4,056	-12,122	-10,941	3,102
Louisiana	21,907	10,465	-14,060	-30,838	-8,275	2,255
Maryland	-1,962	924	-694	429	-835	-260
Michigan	-40,865	-49,651	-70,222	-78,513	-64,570	53,935
Minnesota	-285	-210	-17	6	207	549
Mississippi	12,508	13,541	1,448	-13,647	-16,614	-4,196
Missouri	8	9	8	10	-47	31
Montana	-3,685	-5,960	-5,958	-5,467	-2,587	4,136
Nebraska	-88	-971	-1,712	-2,119	-1,320	1,173
New Mexico	-2,255	-2,032	-2,638	-2,932	-3,470	-258
New York	-5,907	-6,134	-13,340	-14,987	-9,356	9,418
Ohio	-24,015	-19,261	-19,989	-23,993	-9,289	25,849
Oklahoma	-1,738	-6,601	-17,890	-20,955	-5,934	10,984
Oregon	-1,550	-1,510	-4,965	-4,794	-2,750	2,355
Pennsylvania	-16,812	-4,497	-31,646	-61,587	-37,288	33,302
Tennessee	-88	-96	-93	-86	-20	46
Texas	43,004	17,484	-10,724	-34,464	-22,389	-16,136
Utah	-8,249	-7,701	-9,803	-10,289	-3,669	3,316
Virginia	-562	1,002	-494	-465	-24	823
Washington	-2,408	2,303	-3,940	-9,928	-2,677	3,248
West Virginia	-23,520	-17,370	-29,799	-32,845	-27,666	20,020
Wyoming	-4,331	-1,529	-8,004	-9,227	-5,341	894
Regions						
East region	-72,778	-45,335	-95,962	-133,447	-84,458	89,152
South central region	76,405	29,294	-49,899	-113,853	-64,114	1,277
Midwest region	-90,450	-79,007	-106,335	-109,266	-68,312	103,245
Mountain region	-24,424	-20,717	-35,233	-38,303	-18,960	14,602
Pacific region	-19,961	-15,786	-54,224	-56,223	-32,563	14,588
Total lower 48 states	-131,208	-131,552	-341,653	-451,091	-268,406	222,864
U.S. total	-132,850	-133,525	-343,529	-452,208	-268,605	223,658

See footnotes at end of table.

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

million cubic feet – continued

State	2023			2022		
	February	January	Total	December	November	October
Alabama	-392	-1,070	6,278	3,098	-377	-4,933
Alaska ^a	1,160	857	-3,982	1,866	1,171	-473
Arkansas	627	1,157	776	1,265	708	-588
California	32,422	29,781	48,440	46,261	22,453	1,537
Colorado	8,002	10,938	1,105	7,525	-630	-5,458
Illinois	51,258	47,923	10,416	46,078	4,926	-45,403
Indiana	3,799	4,108	3,865	5,101	-1,026	-3,115
Iowa	10,810	19,307	3,696	20,131	-5,160	-17,640
Kansas	5,876	9,956	14,368	16,854	5,969	-4,401
Kentucky	9,168	13,773	909	13,981	-280	-16,736
Louisiana	17,546	11,630	29,121	43,710	-13,211	-50,665
Maryland	178	773	1,023	1,330	303	-896
Michigan	66,642	85,584	35,531	113,169	25,525	-53,640
Minnesota	286	244	89	157	-149	-337
Mississippi	7,387	87	26,496	23,459	-3,190	-29,841
Missouri	32	96	665	279	-545	11
Montana	5,624	4,739	-1,731	7,089	5,123	-2,126
Nebraska	1,473	1,139	1,894	1,157	572	-1,424
New Mexico	1,656	2,336	2,615	-1,425	-2,002	-2,381
New York	14,364	15,923	5,122	13,641	-1,500	-15,253
Ohio	26,071	33,182	6,984	27,818	5,261	-17,214
Oklahoma	13,444	17,364	6,980	20,697	6,589	-11,346
Oregon	5,032	4,166	1,228	5,728	1,013	-2,843
Pennsylvania	53,733	55,330	13,664	57,227	-1,035	-41,303
Tennessee	47	64	110	64	51	-49
Texas	16,095	23,014	17,656	27,534	-4,110	-62,435
Utah	8,586	11,536	8,512	15,858	7,519	-3,593
Virginia	454	-355	660	378	460	-503
Washington	4,095	2,266	2,724	4,225	2,705	987
West Virginia	29,910	45,908	28,196	43,497	13,280	-23,522
Wyoming	3,795	3,873	3,410	6,658	1,339	-6,646
Regions						
East region	124,708	150,761	55,648	143,891	16,769	-98,691
South central region	60,584	62,139	101,675	136,617	-7,622	-164,208
Midwest region	142,043	171,099	55,280	198,961	23,342	-136,908
Mountain region	29,135	34,562	15,877	36,940	11,935	-21,620
Pacific region	41,548	36,212	52,392	56,214	26,170	-318
Total lower 48 states	398,019	454,773	280,800	572,543	70,581	-421,751
U.S. total	399,179	455,630	276,818	574,409	71,752	-422,224

See footnotes at end of table.

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

million cubic feet – continued

State	2022					
	September	August	July	June	May	April
Alabama	-3,282	526	1,553	4,241	-242	-2,894
Alaska ^a	-2,320	-2,328	-2,322	-2,552	-1,700	-123
Arkansas	-629	-1,067	-1,074	-882	-947	-177
California	-2,702	11,338	-8,374	-21,321	-19,244	-15,824
Colorado	-9,362	-5,347	-1,462	-4,454	-5,572	2,765
Illinois	-38,908	-34,626	-30,481	-26,677	-19,121	4,813
Indiana	-4,135	-3,784	-2,836	-2,048	-1,275	310
Iowa	-17,235	-11,183	-3,052	-3,110	-777	1,911
Kansas	-16,415	-6,891	-8,414	-16,307	-8,999	-2,851
Kentucky	-11,081	-1,399	3,227	-2,542	-13,410	-12,920
Louisiana	-21,002	5,161	12,496	-18,485	-38,230	-54,036
Maryland	-2,574	-2,716	-2,057	-1,302	-1,231	867
Michigan	-78,072	-67,560	-57,950	-78,579	-80,140	-29,583
Minnesota	-279	-275	-223	-52	6	97
Mississippi	-21,162	49	10,491	23,069	-8,855	-26,366
Missouri	11	11	19	19	-221	-445
Montana	-4,934	-5,495	-5,308	-5,861	-5,205	-1,723
Nebraska	-1,524	764	-283	-1,946	-1,335	-329
New Mexico	69	217	1,887	935	441	54
New York	-12,521	-3,885	-3,787	-10,404	-11,430	-1,883
Ohio	-27,394	-21,670	-20,888	-24,892	-24,494	-1,317
Oklahoma	-14,731	-11,709	-7,923	-15,279	-21,435	-13,344
Oregon	-1,426	-135	-2,813	-4,567	-5,311	365
Pennsylvania	-62,085	-29,303	-22,422	-42,583	-51,337	-8,613
Tennessee	-46	-49	-56	-51	-1	26
Texas	-43,934	378	5,761	-20,141	-30,876	-44,712
Utah	-6,047	-2,000	-4,744	-7,114	-8,295	-874
Virginia	-1,195	-58	38	-865	90	1,049
Washington	-3,168	1,591	-2,202	-6,395	-5,357	2,281
West Virginia	-24,699	-14,718	-26,273	-31,235	-34,789	-7,529
Wyoming	-3,191	-63	-562	-2,233	-3,846	-2,750
Regions						
East region	-130,468	-72,349	-75,389	-111,281	-123,191	-17,426
South central region	-121,155	-13,552	12,890	-43,784	-109,585	-144,381
Midwest region	-149,745	-118,866	-91,354	-113,041	-114,937	-35,790
Mountain region	-25,034	-11,910	-10,460	-20,661	-23,929	-2,899
Pacific region	-7,295	12,794	-13,390	-32,284	-29,912	-13,178
Total lower 48 states	-433,651	-203,896	-177,716	-321,061	-401,436	-213,632
U.S. total	-435,970	-206,224	-180,038	-323,613	-403,136	-213,755

See footnotes at end of table.

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

million cubic feet – continued

State	2022		
	March	February	January
Alabama	-134	1,367	7,356
Alaska ^a	779	1,410	2,610
Arkansas	899	1,541	1,726
California	-4,812	18,689	20,438
Colorado	2,102	8,829	12,169
Illinois	30,379	46,075	73,361
Indiana	3,220	5,855	7,596
Iowa	6,555	12,336	20,920
Kansas	12,483	19,617	23,723
Kentucky	-1,582	18,029	25,623
Louisiana	-9,625	69,040	103,968
Maryland	2,099	2,803	4,398
Michigan	39,077	120,965	182,318
Minnesota	204	317	623
Mississippi	-13,800	12,383	60,259
Missouri	184	261	1,080
Montana	3,249	6,105	7,353
Nebraska	1,154	1,986	3,102
New Mexico	-514	2,628	2,706
New York	11,001	15,943	25,200
Ohio	23,642	36,952	51,179
Oklahoma	3,403	29,223	42,836
Oregon	582	4,697	5,938
Pennsylvania	27,667	73,244	114,206
Tennessee	44	62	115
Texas	-221	82,357	108,055
Utah	-3,335	9,578	11,559
Virginia	211	50	1,006
Washington	655	7,379	24
West Virginia	25,541	42,836	65,806
Wyoming	2,279	5,921	6,503
Regions			
East region	90,161	171,828	261,794
South central region	-6,997	215,528	347,924
Midwest region	78,082	203,900	311,636
Mountain region	4,961	35,088	43,465
Pacific region	-3,575	30,765	26,400
Total lower 48 states	162,605	657,068	991,146
U.S. total	163,384	658,478	993,756

^a Alaska data are not included in the regions' totals or the lower 48 states total.

* 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, January 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	15,157	25,607	-260	-1.7	1,115	6,875
Alaska ^a	5	83,592	67,915	14,197	27,061	41,258	-1,592	-5.6	206	3,088
Arkansas	2	21,972	8,894	13,078	2,373	15,451	14	0.6	88	1,709
California	14	604,048	322,368	281,703	196,347	478,050	87,724	80.8	5,763	49,011
Colorado	10	141,407	72,959	60,978	47,690	108,669	7,164	17.7	1,451	11,761
Illinois	28	1,019,173	303,813	716,820	149,362	866,182	-4,090	-2.7	1,967	67,565
Indiana	23	113,549	32,285	81,264	18,544	99,808	-152	-0.8	476	7,231
Iowa	4	288,210	90,313	197,881	41,369	239,250	1,480	3.7	22	19,809
Kansas	16	282,986	122,982	163,793	80,432	244,225	9,030	12.6	5,602	22,862
Kentucky	22	221,695	107,596	111,838	60,773	172,611	-7,521	-11.0	476	21,574
Louisiana	19	741,926	456,275	289,493	243,939	533,432	-36,105	-12.9	28,662	111,207
Maryland	1	64,000	18,300	45,677	12,163	57,841	-1,826	-13.1	430	4,498
Michigan	44	1,076,066	688,390	389,544	415,668	805,212	40,891	10.9	2,941	148,148
Minnesota	1	7,000	2,000	4,848	1,706	6,554	-160	-8.6	0	408
Mississippi	11	330,065	201,189	120,505	88,157	208,661	-13,118	-13.0	13,435	43,682
Missouri	1	13,845	3,656	10,189	1,993	12,182	-87	-4.2	629	1,446
Montana	4	376,225	197,477	181,143	18,766	199,909	2,706	16.8	24	7,281
Nebraska	1	34,850	12,653	22,197	7,782	29,979	1,318	20.4	0	2,158
New Mexico	2	89,100	59,738	29,362	35,746	65,108	16,296	83.8	376	3,918
New York	26	242,791	125,099	116,728	69,905	186,633	9,026	14.8	405	22,638
Ohio	24	575,109	241,824	333,285	113,920	447,205	1,996	1.8	209	43,954
Oklahoma	12	372,655	201,921	169,387	114,209	283,595	-1,027	-0.9	1,905	41,211
Oregon	8	36,459	21,550	14,909	13,071	27,980	3,606	38.1	362	6,035
Pennsylvania	49	763,296	426,326	336,776	254,383	591,159	3,704	1.5	6,671	96,802
Tennessee	2	2,400	1,800	878	1,385	2,263	289	26.4	48	78
Texas	37	863,134	554,019	307,051	368,228	675,278	-26,131	-6.6	28,514	121,921
Utah	3	124,509	54,942	69,507	31,788	101,295	14,330	82.1	200	12,689
Virginia	2	8,960	4,930	4,030	3,615	7,645	-473	-11.6	1,035	1,835
Washington	1	46,900	24,600	22,300	17,302	39,602	4,497	35.1	2,799	7,242
West Virginia	31	533,175	267,505	265,878	117,336	383,214	11,446	10.8	489	54,798
Wyoming	8	155,995	74,297	82,354	43,243	125,596	20,422	89.5	243	6,998
Regions										
East region	133	2,187,330	1,083,984	1,102,375	571,321	1,673,696	23,873	4.4	9,239	224,524
South central region	99	2,656,338	1,578,429	1,073,756	912,495	1,986,250	-67,596	-6.9	79,320	349,467
Midwest region	125	2,741,938	1,229,853	1,513,262	690,800	2,204,062	30,651	4.6	6,559	266,260
Mountain region	28	922,086	472,066	445,541	185,016	630,556	62,236	50.7	2,294	44,805
Pacific region	23	687,407	368,518	318,912	226,720	545,632	95,827	73.2	8,924	62,288
Total lower 48 states	408	9,195,099	4,732,850	4,453,845	2,586,352	7,040,197	144,990	5.9	106,336	947,344
U.S. total	413	9,278,691	4,800,765	4,468,042	2,613,413	7,081,455	143,398	5.8	106,542	950,432

^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		
	January	Total	December	November	October	September
Alabama	7,891	26,331	5,174	2,585	1,020	656
Alaska	3,379	20,647	3,068	2,360	1,859	1,007
Arizona	8,385	NA	4,850	2,728	NA	1,269
Arkansas	6,884	25,396	3,848	1,838	739	501
California	NA	455,599	49,550	36,402	23,354	18,360
Colorado	25,030	140,992	20,562	16,193	9,522	3,142
Connecticut	9,299	46,474	6,729	5,564	2,181	1,080
Delaware	2,267	10,493	1,725	1,213	381	191
District of Columbia	2,175	10,208	1,649	1,311	387	245
Florida	3,085	18,526	2,196	1,482	1,175	927
Georgia	28,869	122,024	21,263	14,142	7,130	4,515
Hawaii	59	597	52	45	46	49
Idaho	6,440	35,553	5,348	4,269	2,503	852
Illinois	NA	363,521	51,694	40,821	18,612	7,880
Indiana	27,612	NA	18,593	13,205	7,659	NA
Iowa	12,637	57,820	8,451	5,890	2,755	1,110
Kansas	15,227	NA	9,365	7,091	2,898	1,524
Kentucky	10,750	39,858	7,127	4,855	1,825	755
Louisiana	7,465	31,025	5,275	3,116	1,504	1,103
Maine	571	NA	437	NA	NA	NA
Maryland	15,455	68,802	11,299	9,074	3,302	1,612
Massachusetts	20,557	101,849	14,942	12,888	4,536	2,601
Michigan	58,775	295,281	39,064	37,446	18,736	6,276
Minnesota	24,866	131,823	17,713	14,782	7,407	2,410
Mississippi	5,365	19,801	3,456	2,339	917	470
Missouri	19,751	90,988	14,821	10,289	4,476	1,862
Montana	3,930	21,221	2,881	2,251	1,150	392
Nebraska	7,800	34,603	4,921	3,249	1,475	636
Nevada	8,271	49,028	5,986	3,533	1,962	1,484
New Hampshire	1,401	6,637	1,016	537	334	172
New Jersey	44,934	215,104	32,514	24,199	10,441	5,237
New Mexico	6,974	NA	6,084	3,634	NA	890
New York	78,643	403,158	56,778	45,821	18,656	11,130
North Carolina	17,938	63,168	13,672	8,791	2,630	1,138
North Dakota	2,209	12,952	1,582	1,094	426	187
Ohio	51,536	254,022	37,788	29,064	9,783	4,372
Oklahoma	15,958	54,541	9,270	4,712	2,110	998
Oregon	8,290	47,184	6,434	5,663	2,980	1,214
Pennsylvania	45,667	208,639	33,130	25,797	10,575	4,636
Rhode Island	3,566	17,582	2,545	2,314	769	490
South Carolina	8,217	30,025	6,274	3,617	1,070	635
South Dakota	2,666	13,342	1,736	1,133	462	218
Tennessee	NA	NA	NA	NA	NA	1,303
Texas	52,904	198,147	31,337	20,777	9,745	5,244
Utah	12,978	79,163	12,418	9,324	3,491	1,753
Vermont	620	3,562	489	367	139	85
Virginia	15,938	70,694	12,361	9,046	3,180	1,707
Washington	14,038	87,756	12,737	10,969	6,275	2,862
West Virginia	NA	NA	NA	2,328	1,070	421
Wisconsin	24,922	129,038	18,384	14,159	6,863	2,871
Wyoming	2,696	15,493	2,273	1,490	631	320
Total	918,996	4,482,479	655,796	493,123	226,758	113,354

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					
	August	July	June	May	April	March
Alabama	669	681	740	1,087	1,651	2,995
Alaska	572	567	723	1,108	1,787	2,441
Arizona	1,152	1,098	1,484	2,053	3,600	6,965
Arkansas	560	555	618	1,066	2,152	3,341
California	17,412	20,443	24,033	29,110	36,635	62,960
Colorado	2,833	2,748	3,897	5,040	10,863	19,504
Connecticut	1,058	1,082	1,384	2,245	3,542	6,688
Delaware	186	186	225	410	821	1,564
District of Columbia	218	250	376	441	629	1,404
Florida	846	953	1,132	1,379	1,652	1,808
Georgia	4,475	4,361	4,627	5,867	8,041	12,927
Hawaii	46	44	55	48	50	54
Idaho	618	666	853	1,258	3,093	4,778
Illinois	7,168	7,515	8,587	15,648	28,495	52,619
Indiana	2,346	2,345	2,109	4,518	9,809	18,211
Iowa	822	1,032	1,146	1,969	4,731	8,739
Kansas	1,214	1,239	1,244	NA	3,529	7,667
Kentucky	772	721	829	1,303	2,414	5,766
Louisiana	1,066	1,206	1,188	1,468	1,754	3,410
Maine	NA	NA	81	128	231	414
Maryland	1,725	1,702	2,024	2,703	3,709	9,531
Massachusetts	2,111	2,405	2,747	4,869	7,158	14,299
Michigan	5,923	5,954	6,300	13,644	22,898	43,904
Minnesota	2,430	1,999	2,536	4,364	11,577	20,157
Mississippi	501	538	688	540	1,169	2,235
Missouri	1,650	1,422	1,765	2,746	5,224	13,568
Montana	360	187	375	910	2,050	3,459
Nebraska	688	711	850	1,322	2,726	5,294
Nevada	1,340	1,275	1,718	2,606	4,536	7,855
New Hampshire	131	158	172	272	507	988
New Jersey	4,842	5,187	6,667	9,146	17,761	31,824
New Mexico	910	916	1,085	1,437	2,736	5,589
New York	9,277	11,787	13,141	18,349	29,117	61,147
North Carolina	1,091	1,069	894	2,237	3,466	7,621
North Dakota	187	179	263	747	1,499	2,197
Ohio	4,408	4,761	5,479	12,168	21,572	37,557
Oklahoma	1,119	1,211	1,360	1,885	3,463	7,443
Oregon	945	928	1,232	1,600	4,625	6,750
Pennsylvania	4,168	3,672	4,286	8,457	14,122	31,112
Rhode Island	367	400	594	681	1,086	2,511
South Carolina	570	621	687	1,024	1,868	3,184
South Dakota	199	192	281	546	1,435	2,288
Tennessee	1,293	1,342	1,322	2,139	4,122	8,213
Texas	5,770	6,406	6,709	7,202	11,915	21,296
Utah	1,884	2,121	1,985	2,663	6,087	11,556
Vermont	76	84	112	180	319	534
Virginia	1,466	1,533	2,042	2,694	4,040	9,676
Washington	1,897	1,676	2,429	3,679	7,536	11,420
West Virginia	319	305	377	698	1,595	3,450
Wisconsin	2,217	2,525	2,799	6,075	10,553	19,626
Wyoming	212	269	383	892	1,704	2,205
Total	104,162	111,283	128,631	196,715	337,657	632,744

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		
	February	January	Total	December	November	October
Alabama	3,757	5,316	30,420	5,085	2,956	1,194
Alaska	2,485	2,671	20,200	3,233	2,521	1,746
Arizona	8,102	8,777	42,164	6,583	3,677	1,539
Arkansas	4,836	5,343	31,369	4,538	2,087	816
California	63,278	74,061	432,636	66,984	47,923	21,646
Colorado	19,827	26,860	142,366	23,549	18,683	7,602
Connecticut	7,401	7,519	50,745	7,964	4,557	2,645
Delaware	1,673	1,919	11,941	2,130	990	492
District of Columbia	1,487	1,812	11,884	1,960	1,081	406
Florida	2,152	2,825	18,919	1,986	1,398	1,240
Georgia	14,195	20,481	134,256	23,009	13,761	8,067
Hawaii	54	54	599	54	46	43
Idaho	5,484	5,830	35,976	6,184	5,449	1,638
Illinois	57,601	66,879	424,291	70,872	42,475	21,579
Indiana	18,611	22,945	143,573	24,082	14,970	7,516
Iowa	9,630	11,546	70,902	12,646	7,287	3,322
Kansas	9,764	11,841	65,343	12,615	7,539	2,807
Kentucky	5,746	7,743	49,821	9,321	5,493	2,329
Louisiana	3,959	5,976	35,485	5,109	3,554	1,713
Maine	489	492	3,058	466	266	148
Maryland	10,422	11,698	82,532	14,458	7,810	3,868
Massachusetts	15,594	17,699	131,543	20,339	11,211	6,125
Michigan	45,193	49,943	328,712	53,122	33,856	20,000
Minnesota	21,129	25,320	150,660	23,930	15,088	7,204
Mississippi	2,742	4,205	22,398	3,555	2,515	955
Missouri	14,152	19,015	103,642	19,076	11,727	5,001
Montana	3,278	3,928	23,261	4,277	3,202	710
Nebraska	5,626	7,105	39,407	7,455	3,967	1,343
Nevada	7,972	8,762	47,112	5,094	4,100	2,313
New Hampshire	1,182	1,166	7,426	1,280	466	246
New Jersey	31,240	36,047	238,448	41,018	20,931	11,005
New Mexico	6,175	7,267	36,622	6,303	5,038	1,679
New York	60,315	67,642	449,772	72,986	38,515	21,801
North Carolina	8,243	12,315	71,983	16,198	7,537	3,702
North Dakota	2,036	2,555	13,979	2,191	1,110	436
Ohio	39,616	47,454	292,734	53,277	32,492	13,224
Oklahoma	9,585	11,383	61,185	10,906	6,687	2,036
Oregon	7,296	7,518	49,034	8,519	7,377	2,199
Pennsylvania	34,126	34,557	237,370	43,089	21,169	11,568
Rhode Island	2,674	3,153	18,224	2,169	1,120	574
South Carolina	4,082	6,392	33,460	6,992	3,344	1,440
South Dakota	2,127	2,725	14,579	2,960	1,064	431
Tennessee	11,393	13,408	72,863	12,903	7,949	2,829
Texas	34,659	37,087	232,684	36,200	25,487	9,166
Utah	11,964	13,917	78,791	14,470	12,018	3,958
Vermont	592	583	3,915	527	291	178
Virginia	10,174	12,777	84,255	15,715	8,399	4,359
Washington	12,797	13,479	93,930	16,085	13,391	4,750
West Virginia	3,299	3,970	25,049	4,324	2,446	1,571
Wisconsin	20,625	22,341	149,214	24,574	14,716	8,228
Wyoming	2,181	2,933	13,434	2,437	1,583	496
Total	683,020	799,235	4,964,165	834,803	513,322	241,880

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					
	September	August	July	June	May	April
Alabama	657	646	610	672	931	2,033
Alaska	951	660	513	508	950	1,508
Arizona	1,101	1,140	1,087	1,531	1,850	2,928
Arkansas	512	429	376	567	776	2,619
California	17,269	17,087	19,621	20,968	26,591	30,743
Colorado	3,383	2,869	2,689	3,126	5,385	11,971
Connecticut	1,192	1,017	1,072	1,234	2,287	4,088
Delaware	184	166	185	224	453	941
District of Columbia	264	206	242	271	419	911
Florida	929	921	885	1,108	1,348	1,637
Georgia	4,597	4,390	4,292	4,377	5,177	8,160
Hawaii	49	45	47	50	49	54
Idaho	758	1,046	597	866	1,795	2,957
Illinois	8,942	7,564	7,257	8,532	16,590	36,462
Indiana	3,043	2,554	2,056	2,469	4,763	11,150
Iowa	1,191	980	1,088	1,193	2,305	5,952
Kansas	1,195	1,019	1,173	1,101	1,976	4,115
Kentucky	775	681	730	859	1,247	3,248
Louisiana	1,081	1,221	1,075	1,076	1,278	2,168
Maine	62	48	50	66	122	249
Maryland	1,598	1,145	1,570	1,805	2,833	7,066
Massachusetts	2,817	2,548	2,693	3,423	6,137	9,500
Michigan	6,837	4,988	5,899	6,970	9,926	28,660
Minnesota	2,753	2,730	2,234	2,774	5,395	13,695
Mississippi	515	489	462	503	609	1,522
Missouri	1,759	1,579	1,552	1,672	2,955	6,645
Montana	406	362	503	605	1,272	2,159
Nebraska	697	599	676	1,051	1,883	3,108
Nevada	1,492	1,413	1,585	2,016	2,845	3,525
New Hampshire	192	164	158	160	246	607
New Jersey	5,110	4,200	4,987	5,647	11,955	19,509
New Mexico	810	957	897	1,038	1,303	2,000
New York	9,847	9,746	12,558	12,625	20,966	37,864
North Carolina	1,299	1,103	1,008	1,080	1,194	2,898
North Dakota	193	220	141	361	875	1,338
Ohio	5,161	4,343	4,463	5,381	10,393	23,971
Oklahoma	1,159	1,047	1,040	1,174	1,871	3,210
Oregon	1,027	861	958	1,527	2,976	4,716
Pennsylvania	4,551	3,862	3,715	4,289	8,806	19,020
Rhode Island	422	387	468	572	757	1,467
South Carolina	699	598	619	614	772	1,794
South Dakota	215	206	216	347	627	1,352
Tennessee	1,303	1,093	1,035	1,099	1,899	4,506
Texas	5,664	5,362	6,132	6,237	7,306	13,667
Utah	1,629	1,834	2,101	2,104	3,986	5,927
Vermont	91	76	86	106	182	373
Virginia	1,760	1,408	1,487	1,815	2,909	4,457
Washington	2,190	1,932	1,847	2,738	5,636	8,904
West Virginia	552	277	338	319	563	1,972
Wisconsin	2,938	2,452	2,876	2,616	5,211	13,837
Wyoming	234	217	210	442	719	1,273
Total	114,053	102,885	110,163	123,907	201,302	384,436

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		
	March	February	January
Alabama	3,197	5,261	7,179
Alaska	2,101	2,243	3,266
Arizona	5,791	7,101	7,835
Arkansas	5,152	6,598	6,896
California	42,647	53,971	67,186
Colorado	16,955	21,984	24,169
Connecticut	6,492	8,131	10,066
Delaware	1,489	1,989	2,697
District of Columbia	1,445	2,080	2,600
Florida	2,091	2,738	2,637
Georgia	12,573	17,972	27,882
Hawaii	51	50	60
Idaho	3,397	4,986	6,303
Illinois	50,554	69,565	83,898
Indiana	16,470	23,779	30,721
Iowa	8,308	11,536	15,094
Kansas	7,762	11,433	12,607
Kentucky	5,339	8,308	11,491
Louisiana	4,178	5,040	7,994
Maine	412	513	657
Maryland	9,020	13,040	18,319
Massachusetts	18,233	22,200	26,318
Michigan	40,369	51,368	66,717
Minnesota	19,002	26,138	29,716
Mississippi	2,808	3,843	4,624
Missouri	10,815	18,203	22,657
Montana	2,894	3,331	3,540
Nebraska	5,070	6,308	7,250
Nevada	6,332	6,944	9,451
New Hampshire	985	1,284	1,638
New Jersey	28,957	39,028	46,100
New Mexico	4,173	5,884	6,541
New York	60,264	72,501	80,099
North Carolina	5,393	12,102	18,470
North Dakota	2,147	2,335	2,631
Ohio	34,627	48,561	56,841
Oklahoma	7,178	11,682	13,194
Oregon	4,932	6,263	7,679
Pennsylvania	31,873	37,702	47,726
Rhode Island	2,569	3,303	4,416
South Carolina	2,981	5,685	7,921
South Dakota	1,999	2,244	2,919
Tennessee	7,908	13,320	17,019
Texas	30,838	46,065	40,561
Utah	8,379	9,841	12,546
Vermont	544	675	784
Virginia	8,991	13,591	19,364
Washington	9,354	12,313	14,789
West Virginia	3,164	4,340	5,182
Wisconsin	18,276	23,706	29,785
Wyoming	1,823	1,927	2,073
Total	588,299	791,006	958,107

^{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		
	January	Total	December	November	October	September
Alabama	4,628	23,484	3,686	2,820	1,721	1,154
Alaska	2,476	16,300	2,206	1,781	1,378	886
Arizona	4,648	35,478	3,832	2,890	2,172	2,081
Arkansas	7,756	50,039	5,454	4,122	3,595	2,929
California	24,995	252,301	24,338	22,130	20,901	16,006
Colorado	10,314	63,554	8,571	6,729	4,355	1,729
Connecticut	8,135	54,572	6,820	6,040	3,721	2,793
Delaware	1,649	10,040	1,338	1,335	714	464
District of Columbia	2,205	14,519	1,846	1,824	1,080	687
Florida	7,129	62,496	6,522	5,277	4,771	4,638
Georgia	11,199	51,666	8,228	5,747	3,634	2,235
Hawaii	213	2,310	191	183	196	196
Idaho	4,142	23,193	3,025	2,380	2,083	1,018
Illinois	35,980	219,146	27,464	21,512	14,755	8,122
Indiana	17,017	86,291	11,375	9,383	7,157	3,261
Iowa	8,980	50,454	6,189	4,897	3,327	1,862
Kansas	7,634	42,799	5,099	4,136	2,711	1,767
Kentucky	7,396	33,236	4,946	3,648	1,886	1,264
Louisiana	3,666	30,876	3,649	3,021	2,420	1,932
Maine	1,512	NA	1,194	1,028	NA	NA
Maryland	10,866	67,616	8,047	7,960	4,909	3,308
Massachusetts	16,798	98,105	11,638	11,678	5,770	4,072
Michigan	28,896	168,821	21,186	18,236	10,569	5,333
Minnesota	17,262	108,120	13,301	10,605	7,049	3,065
Mississippi	3,547	19,850	2,638	2,081	1,403	992
Missouri	10,890	63,267	8,136	6,366	4,213	2,505
Montana	4,137	26,206	3,220	2,409	1,752	1,068
Nebraska	5,828	31,249	4,041	2,922	2,100	1,148
Nevada	4,272	33,604	3,605	3,047	2,221	1,781
New Hampshire	1,733	8,714	1,292	775	537	278
New Jersey	24,253	146,012	19,429	15,299	8,739	5,979
New Mexico	4,666	29,293	4,421	3,741	1,718	1,233
New York	46,241	289,370	36,488	31,633	19,229	13,523
North Carolina	11,016	53,687	8,260	6,352	3,965	2,574
North Dakota	2,522	16,281	1,921	1,497	690	405
Ohio	29,288	160,803	21,035	17,610	7,379	5,062
Oklahoma	9,374	41,718	5,851	3,800	2,499	1,579
Oregon	4,906	32,207	3,932	3,476	2,214	1,172
Pennsylvania	28,349	152,028	21,496	19,916	10,436	6,329
Rhode Island	2,002	10,542	1,497	1,303	458	307
South Carolina	3,876	24,333	3,055	2,648	1,843	1,340
South Dakota	2,271	12,458	1,578	1,105	584	354
Tennessee	NA	NA	NA	NA	NA	NA
Texas	28,169	191,425	21,891	18,115	14,199	11,160
Utah	7,052	47,529	6,938	5,542	2,443	1,311
Vermont	962	6,774	832	766	519	400
Virginia	10,544	72,897	8,759	8,351	5,233	3,699
Washington	8,617	60,369	7,702	6,697	4,487	2,759
West Virginia	NA	NA	NA	2,157	1,417	1,029
Wisconsin	17,841	109,700	12,443	12,104	7,498	3,731
Wyoming	2,513	15,746	2,112	1,530	918	559
Total	535,413	3,309,259	413,220	346,703	224,030	146,293

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					
	August	July	June	May	April	March
Alabama	1,146	1,093	1,123	1,340	1,420	2,401
Alaska	609	531	608	1,008	1,479	1,868
Arizona	2,076	1,798	2,111	2,420	3,030	4,210
Arkansas	2,980	2,791	2,830	3,218	4,191	5,310
California	15,735	16,059	16,917	17,998	19,607	27,124
Colorado	1,870	1,623	2,139	2,763	5,141	8,563
Connecticut	2,572	2,700	2,632	3,003	3,732	6,589
Delaware	437	419	413	516	621	1,227
District of Columbia	692	689	762	862	883	1,674
Florida	4,321	4,471	4,727	5,000	5,261	5,304
Georgia	2,266	2,141	2,342	2,740	3,432	5,341
Hawaii	192	194	204	186	182	201
Idaho	736	701	859	1,014	1,939	2,990
Illinois	8,062	8,250	8,271	11,220	17,066	28,949
Indiana	2,956	2,768	2,636	3,897	5,565	12,016
Iowa	1,891	1,913	2,050	2,162	4,069	6,663
Kansas	2,200	2,037	2,022	2,030	2,952	5,215
Kentucky	1,247	1,090	1,159	1,638	2,080	4,282
Louisiana	1,876	1,864	1,857	2,225	2,425	2,936
Maine	320	320	352	445	689	1,142
Maryland	3,426	3,424	3,307	3,717	4,158	8,100
Massachusetts	4,033	3,554	4,226	5,067	6,798	12,950
Michigan	5,308	5,061	5,547	8,930	13,894	23,907
Minnesota	3,111	2,635	3,149	4,520	9,977	15,410
Mississippi	903	976	1,127	1,176	1,341	2,017
Missouri	2,453	2,303	2,531	3,188	3,794	8,497
Montana	988	992	1,048	1,336	2,387	3,497
Nebraska	1,077	1,255	1,364	1,540	2,387	3,976
Nevada	1,661	1,556	1,795	2,238	2,903	4,287
New Hampshire	206	244	288	386	649	1,246
New Jersey	6,281	5,326	5,292	7,663	14,474	18,978
New Mexico	1,352	1,221	1,227	1,334	1,725	3,480
New York	13,804	15,750	14,807	16,230	19,828	34,998
North Carolina	2,446	2,158	2,013	3,214	3,465	5,993
North Dakota	362	379	450	984	1,824	2,533
Ohio	5,152	5,255	5,852	8,830	13,478	22,106
Oklahoma	1,627	1,552	1,628	1,986	2,970	5,166
Oregon	1,013	936	1,206	1,443	3,168	4,310
Pennsylvania	5,778	5,010	5,216	8,159	9,721	19,233
Rhode Island	265	239	363	469	700	1,503
South Carolina	1,355	1,378	1,432	1,621	1,664	2,575
South Dakota	303	329	391	591	1,237	1,942
Tennessee	2,717	2,461	2,648	2,908	3,848	6,438
Texas	11,725	12,467	12,073	12,631	13,222	18,756
Utah	1,549	1,608	1,458	1,907	3,648	6,724
Vermont	392	385	266	323	484	766
Virginia	3,597	3,278	3,963	4,346	5,170	8,928
Washington	2,459	2,002	2,519	2,771	5,601	6,972
West Virginia	970	919	1,021	1,058	1,615	2,734
Wisconsin	4,225	4,313	4,316	5,529	9,695	13,954
Wyoming	393	470	568	995	1,592	2,058
Total	145,112	142,889	149,101	182,777	253,177	408,040

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		
	February	January	Total	December	November	October
Alabama	2,405	3,176	25,776	3,745	2,769	1,819
Alaska	1,991	1,955	16,051	2,332	1,901	1,308
Arizona	4,255	4,603	35,636	4,269	3,276	2,131
Arkansas	6,278	6,341	55,316	6,017	4,142	3,611
California	26,518	28,968	246,624	28,319	26,188	19,461
Colorado	8,537	11,535	61,795	9,827	7,532	3,613
Connecticut	6,777	7,192	55,112	7,391	5,360	3,679
Delaware	1,196	1,360	10,902	1,609	1,170	781
District of Columbia	1,605	1,916	15,489	2,062	1,499	778
Florida	5,732	6,471	63,404	6,031	5,199	5,136
Georgia	5,622	7,938	55,326	8,496	5,519	3,643
Hawaii	159	226	2,304	195	203	191
Idaho	3,112	3,336	23,158	3,562	2,905	1,560
Illinois	30,651	34,825	244,499	34,835	23,935	15,611
Indiana	11,432	13,845	95,815	14,531	10,184	6,051
Iowa	7,116	8,316	58,074	8,702	6,048	4,018
Kansas	5,678	6,953	45,969	6,768	4,528	2,675
Kentucky	4,531	5,467	38,492	6,154	3,929	2,241
Louisiana	3,025	3,643	31,790	3,504	3,278	2,376
Maine	1,293	1,326	9,342	1,283	874	492
Maryland	7,929	9,332	73,916	10,078	7,015	4,950
Massachusetts	13,303	15,015	116,725	16,382	11,211	6,909
Michigan	24,182	26,669	179,274	25,129	17,309	10,049
Minnesota	16,696	18,603	119,447	17,589	11,526	6,562
Mississippi	2,219	2,976	20,103	2,509	2,074	1,309
Missouri	8,489	10,792	65,972	10,294	7,020	4,197
Montana	3,495	4,014	27,067	4,340	3,213	1,398
Nebraska	4,399	5,041	32,708	5,271	3,295	1,694
Nevada	3,931	4,578	32,766	3,263	3,030	2,382
New Hampshire	1,460	1,355	9,346	1,288	701	405
New Jersey	19,170	19,382	153,826	22,880	13,917	9,562
New Mexico	3,725	4,118	27,723	3,304	2,825	2,939
New York	35,258	37,822	303,870	41,467	28,508	18,246
North Carolina	5,675	7,570	58,844	9,385	5,722	4,264
North Dakota	2,371	2,867	17,118	2,545	1,452	701
Ohio	22,990	26,054	181,627	29,184	19,762	9,140
Oklahoma	6,082	6,979	45,316	6,834	4,615	2,277
Oregon	4,629	4,709	32,634	5,203	4,259	1,771
Pennsylvania	20,644	20,091	166,769	28,240	15,050	10,302
Rhode Island	1,700	1,740	11,127	1,304	704	364
South Carolina	2,341	3,081	25,986	3,324	2,568	2,043
South Dakota	1,793	2,251	13,168	2,360	1,074	575
Tennessee	7,326	8,542	60,494	8,442	6,573	4,175
Texas	22,026	23,160	196,649	22,907	20,977	13,437
Utah	6,781	7,622	47,600	7,989	6,648	2,987
Vermont	793	850	7,353	863	691	511
Virginia	8,810	8,763	74,390	9,603	7,510	5,616
Washington	7,869	8,530	63,093	9,166	7,977	3,793
West Virginia	2,548	3,030	23,664	3,245	2,175	1,752
Wisconsin	14,526	17,367	116,649	15,945	11,526	7,102
Wyoming	1,977	2,574	12,977	2,163	1,533	645
Total	423,049	474,869	3,509,075	492,127	352,898	223,230

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					
	September	August	July	June	May	April
Alabama	1,204	1,160	1,063	1,086	1,152	1,656
Alaska	802	595	490	504	836	1,303
Arizona	1,874	2,030	1,890	2,278	2,464	2,838
Arkansas	3,216	3,084	2,945	3,091	3,277	4,552
California	16,776	15,680	16,738	15,611	17,374	18,577
Colorado	1,869	1,747	1,657	1,807	2,810	5,065
Connecticut	2,574	2,572	2,444	2,304	2,748	4,178
Delaware	440	408	429	406	465	742
District of Columbia	712	787	802	600	808	1,117
Florida	4,557	4,507	4,307	4,930	4,941	5,227
Georgia	2,339	2,197	2,183	2,258	2,559	3,636
Hawaii	199	188	191	204	191	195
Idaho	960	983	626	828	1,265	1,796
Illinois	9,226	7,914	8,086	7,856	11,808	21,306
Indiana	3,158	3,109	2,730	2,946	3,308	6,882
Iowa	1,846	1,877	1,807	1,766	2,385	4,794
Kansas	1,838	2,157	2,109	2,130	2,597	3,299
Kentucky	1,207	1,136	1,119	1,259	1,501	2,555
Louisiana	2,137	2,028	1,964	1,985	1,958	2,417
Maine	324	278	269	310	430	758
Maryland	3,114	3,032	3,449	3,314	3,843	6,709
Massachusetts	6,263	4,881	4,024	4,274	5,654	8,725
Michigan	5,664	4,925	5,270	5,984	8,032	16,307
Minnesota	3,288	3,133	2,670	3,130	5,444	11,182
Mississippi	935	961	877	924	1,050	1,458
Missouri	2,276	2,191	2,032	1,997	2,954	4,380
Montana	876	896	1,077	1,092	1,659	2,467
Nebraska	972	1,015	1,157	1,386	1,788	2,563
Nevada	1,752	1,657	1,702	1,872	2,438	2,708
New Hampshire	310	261	241	267	323	761
New Jersey	6,449	4,245	7,145	5,676	9,223	12,423
New Mexico	1,571	1,345	1,209	1,235	1,372	1,423
New York	12,824	13,944	15,735	13,819	16,734	23,318
North Carolina	2,695	2,467	2,193	2,047	2,871	3,529
North Dakota	374	421	378	547	1,027	1,638
Ohio	5,360	4,822	5,057	6,746	6,860	13,926
Oklahoma	1,600	1,544	1,476	1,549	2,053	2,861
Oregon	1,077	916	944	1,336	2,133	3,049
Pennsylvania	5,642	5,598	4,924	5,446	7,312	13,353
Rhode Island	261	259	290	430	506	921
South Carolina	1,564	1,459	1,453	1,499	1,570	1,817
South Dakota	350	333	333	430	589	1,208
Tennessee	2,660	2,439	2,244	2,390	2,604	3,964
Texas	11,271	11,256	11,817	11,312	12,145	13,631
Utah	1,281	1,598	1,690	1,609	2,712	3,816
Vermont	415	408	379	393	288	582
Virginia	3,645	3,584	3,072	3,394	3,761	5,795
Washington	2,415	2,178	2,315	2,808	4,028	5,632
West Virginia	1,172	910	911	893	1,050	1,854
Wisconsin	4,183	3,988	4,130	3,874	5,511	9,712
Wyoming	375	376	344	520	734	1,153
Total	149,894	141,479	144,386	146,355	183,146	275,754

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		
	March	February	January
Alabama	2,216	2,931	4,975
Alaska	1,668	1,852	2,462
Arizona	3,966	4,127	4,493
Arkansas	6,565	7,331	7,484
California	21,573	24,046	26,280
Colorado	7,420	8,867	9,579
Connecticut	6,212	7,124	8,527
Delaware	1,087	1,336	2,028
District of Columbia	1,860	2,017	2,447
Florida	5,987	5,993	6,588
Georgia	5,317	6,827	10,352
Hawaii	182	169	196
Idaho	2,196	2,970	3,507
Illinois	28,027	35,903	39,993
Indiana	9,991	14,453	18,472
Iowa	6,191	8,362	10,277
Kansas	4,982	6,112	6,775
Kentucky	3,922	5,873	7,596
Louisiana	3,124	2,831	4,187
Maine	1,172	1,380	1,772
Maryland	7,490	8,899	12,023
Massachusetts	13,214	16,646	18,541
Michigan	22,131	27,122	31,353
Minnesota	14,719	19,491	20,713
Mississippi	2,298	2,676	3,032
Missouri	7,209	9,877	11,545
Montana	2,853	3,450	3,745
Nebraska	3,785	4,491	5,292
Nevada	3,711	3,687	4,563
New Hampshire	1,238	1,533	2,019
New Jersey	17,405	21,011	23,890
New Mexico	2,804	3,648	4,049
New York	35,296	36,922	47,057
North Carolina	5,164	7,043	11,463
North Dakota	2,422	2,657	2,955
Ohio	20,794	26,649	33,327
Oklahoma	5,078	7,431	7,998
Oregon	3,269	3,967	4,711
Pennsylvania	21,173	22,051	27,678
Rhode Island	1,617	1,924	2,547
South Carolina	2,296	2,363	4,030
South Dakota	1,669	1,865	2,383
Tennessee	5,791	8,113	11,100
Texas	19,694	24,960	23,240
Utah	4,933	5,773	6,565
Vermont	780	900	1,143
Virginia	7,900	8,905	11,606
Washington	6,254	7,604	8,923
West Virginia	2,707	3,173	3,823
Wisconsin	14,326	16,728	19,625
Wyoming	1,621	1,724	1,788
Total	385,301	463,787	550,719

^{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		
	January	Total	December	November	October	September
Alabama	20,983	219,635	19,626	18,747	17,805	17,351
Alaska	7,559	NA	NA	6,022	4,593	3,901
Arizona	2,007	19,974	1,907	1,753	1,451	1,376
Arkansas	10,099	105,643	9,866	9,474	8,829	8,010
California	51,107	625,372	52,592	48,464	56,151	56,478
Colorado	10,263	89,478	9,477	8,819	7,245	5,740
Connecticut	2,302	20,471	2,106	2,180	1,534	1,532
Delaware	2,893	32,651	2,849	2,805	2,724	2,443
District of Columbia	0	0	0	0	0	0
Florida	NA	126,310	11,445	10,243	10,792	10,185
Georgia	13,998	157,735	14,728	13,233	13,330	12,305
Hawaii	7	77	5	6	6	6
Idaho	3,890	39,199	3,908	3,689	3,703	3,123
Illinois	26,356	261,144	25,232	26,151	22,537	18,683
Indiana	39,872	401,931	37,814	35,852	29,615	30,091
Iowa	23,236	254,821	23,123	22,647	21,832	20,039
Kansas	13,075	132,512	11,975	11,505	10,639	9,511
Kentucky	14,016	129,139	12,014	11,423	10,683	9,401
Louisiana	99,467	1,171,009	109,986	99,546	100,282	90,257
Maine	2,229	NA	1,983	1,926	1,392	1,062
Maryland	1,504	15,426	1,472	1,371	1,321	1,167
Massachusetts	5,001	43,043	4,308	3,609	2,859	2,544
Michigan	18,322	163,114	15,321	14,573	12,941	11,197
Minnesota	16,005	NA	15,512	12,193	11,340	10,735
Mississippi	13,655	136,694	12,428	10,517	11,580	11,305
Missouri	6,630	59,236	5,307	5,169	4,674	3,889
Montana	2,473	27,119	2,508	2,455	2,512	2,017
Nebraska	8,207	NA	7,774	7,499	7,865	7,411
Nevada	NA	NA	1,725	NA	NA	NA
New Hampshire	NA	NA	NA	NA	NA	NA
New Jersey	7,983	NA	8,118	8,431	6,451	6,203
New Mexico	951	NA	1,019	NA	1,021	903
New York	8,512	84,332	6,737	7,590	6,478	6,216
North Carolina	11,582	117,785	11,133	10,143	9,687	8,628
North Dakota	3,766	42,103	4,137	4,047	3,244	2,666
Ohio	35,036	318,825	31,107	29,041	25,616	21,463
Oklahoma	18,791	225,491	20,497	18,158	17,100	18,177
Oregon	5,076	54,757	4,893	4,777	4,703	4,170
Pennsylvania	25,721	NA	24,491	23,909	21,170	19,490
Rhode Island	719	8,161	737	626	611	608
South Carolina	8,192	93,669	7,689	7,800	7,977	7,357
South Dakota	4,826	50,626	4,747	4,482	3,955	3,907
Tennessee	NA	NA	NA	NA	NA	11,992
Texas	179,698	1,982,436	179,990	170,734	166,680	161,759
Utah	3,412	34,810	3,399	2,951	2,625	2,446
Vermont	209	1,994	184	192	155	125
Virginia	6,826	NA	11,366	11,031	6,882	11,916
Washington	NA	NA	NA	6,753	6,679	5,670
West Virginia	NA	NA	NA	3,897	3,658	3,220
Wisconsin	16,208	141,647	13,856	13,699	11,607	8,957
Wyoming	6,633	NA	6,984	6,617	6,468	5,355
Total	801,867	8,536,067	791,007	742,527	706,280	665,050

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					
	August	July	June	May	April	March
Alabama	18,336	17,917	17,881	18,846	18,165	19,010
Alaska	3,911	4,155	3,949	3,898	4,060	5,798
Arizona	1,474	1,465	1,489	1,633	1,633	1,860
Arkansas	7,975	7,758	8,349	8,556	8,414	9,741
California	57,950	52,898	49,512	53,091	50,822	51,429
Colorado	5,598	5,371	5,080	6,111	7,478	9,141
Connecticut	1,480	1,455	1,283	1,542	1,515	1,874
Delaware	2,384	2,613	2,655	3,237	2,574	2,925
District of Columbia	0	0	0	0	0	0
Florida	10,447	10,423	10,451	10,012	10,176	11,797
Georgia	12,607	12,271	12,294	12,900	13,109	14,393
Hawaii	7	6	6	7	6	7
Idaho	2,736	2,543	2,558	2,657	3,097	3,664
Illinois	17,847	17,252	18,001	17,206	20,968	24,472
Indiana	31,280	30,430	30,231	31,591	33,413	38,123
Iowa	19,995	19,438	19,131	20,531	20,760	22,797
Kansas	11,305	10,948	9,390	10,303	11,169	11,789
Kentucky	9,631	9,362	9,652	10,165	10,551	12,300
Louisiana	97,579	96,474	92,983	96,189	97,639	100,298
Maine	1,094	1,056	986	1,279	NA	2,066
Maryland	1,163	1,120	1,174	1,152	1,177	1,549
Massachusetts	2,577	2,477	2,874	3,138	4,015	4,858
Michigan	11,614	10,580	11,635	11,438	14,893	16,313
Minnesota	11,805	11,328	10,976	NA	14,108	13,870
Mississippi	11,874	11,450	10,923	11,391	11,771	11,693
Missouri	4,256	4,530	4,239	4,121	5,540	5,630
Montana	2,260	2,346	2,152	2,069	1,875	2,331
Nebraska	8,542	8,034	6,776	6,212	6,037	NA
Nevada	NA	1,360	1,468	NA	1,506	1,634
New Hampshire	NA	NA	NA	NA	NA	NA
New Jersey	8,051	6,764	NA	NA	NA	NA
New Mexico	862	894	883	929	1,190	NA
New York	6,085	6,245	6,182	6,424	7,505	8,032
North Carolina	8,764	8,490	8,596	9,691	10,012	10,841
North Dakota	3,187	3,676	3,185	3,523	3,550	3,520
Ohio	23,781	22,622	21,522	25,977	26,861	30,120
Oklahoma	18,903	17,624	18,149	19,292	19,075	20,341
Oregon	4,069	3,939	4,022	4,376	4,629	5,359
Pennsylvania	20,828	20,509	20,070	18,382	NA	24,737
Rhode Island	600	598	619	646	784	710
South Carolina	7,562	7,222	7,566	8,020	7,846	8,148
South Dakota	3,906	3,870	3,913	3,930	4,421	4,376
Tennessee	10,502	NA	NA	11,392	12,302	12,945
Texas	167,010	163,845	158,632	163,401	162,393	165,691
Utah	2,420	2,455	2,574	2,913	3,124	3,140
Vermont	120	141	143	171	164	200
Virginia	9,055	NA	7,812	7,869	9,582	NA
Washington	5,357	5,741	NA	5,693	6,224	6,838
West Virginia	3,141	3,399	3,599	3,138	3,567	3,926
Wisconsin	9,682	8,628	8,891	9,876	11,892	14,839
Wyoming	4,756	4,482	4,341	NA	NA	NA
Total	688,537	668,546	652,064	680,944	705,834	755,723

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		
	February	January	Total	December	November	October
Alabama	17,198	18,751	212,943	17,899	17,948	17,520
Alaska	5,903	7,146	57,799	6,959	5,596	4,893
Arizona	1,878	2,055	19,489	1,998	1,853	1,622
Arkansas	8,888	9,783	105,072	9,439	9,528	8,744
California	47,155	48,829	651,305	49,715	54,323	55,494
Colorado	8,951	10,468	91,392	10,238	9,371	7,231
Connecticut	1,886	2,084	21,640	2,219	1,856	1,566
Delaware	2,639	2,802	31,367	2,706	2,606	2,608
District of Columbia	0	0	--	--	--	--
Florida	9,928	10,412	123,938	10,247	9,242	9,940
Georgia	12,430	14,136	154,697	13,971	12,907	11,117
Hawaii	9	6	91	6	7	7
Idaho	3,661	3,859	39,071	3,972	4,016	3,631
Illinois	24,473	28,322	265,085	28,180	24,699	22,155
Indiana	35,241	38,249	388,827	37,351	33,378	28,246
Iowa	21,209	23,317	246,115	22,768	22,044	21,094
Kansas	11,171	12,808	142,391	12,868	11,958	10,616
Kentucky	11,151	12,806	128,981	12,215	11,902	10,693
Louisiana	92,051	97,724	1,169,168	100,572	99,968	91,540
Maine	2,093	2,077	20,668	1,909	1,852	1,710
Maryland	1,365	1,395	16,190	1,829	1,428	1,372
Massachusetts	4,861	4,924	47,687	4,552	3,401	2,974
Michigan	15,303	17,306	167,907	16,682	14,753	12,923
Minnesota	14,194	16,399	153,419	14,938	11,366	12,068
Mississippi	9,953	11,808	143,486	12,826	11,464	12,412
Missouri	5,694	6,186	64,874	6,674	5,567	3,642
Montana	2,194	2,400	25,655	2,632	2,526	2,051
Nebraska	NA	NA	98,156	8,324	8,736	8,222
Nevada	1,613	1,500	18,403	1,620	1,521	1,570
New Hampshire	903	1,110	9,267	1,014	595	485
New Jersey	NA	NA	76,610	7,504	6,213	4,593
New Mexico	NA	2,421	13,507	2,027	1,667	2,146
New York	8,301	8,538	88,541	8,009	8,076	6,530
North Carolina	10,315	11,485	122,860	11,348	10,442	10,485
North Dakota	3,569	3,800	39,492	3,147	2,955	3,271
Ohio	29,884	30,831	311,998	31,029	27,664	25,542
Oklahoma	18,295	19,879	212,415	19,251	19,018	16,849
Oregon	4,768	5,050	56,406	4,935	4,987	4,550
Pennsylvania	21,749	25,211	253,189	23,475	21,054	20,687
Rhode Island	803	819	8,370	757	654	568
South Carolina	8,012	8,469	99,186	7,711	7,907	8,435
South Dakota	4,544	4,576	50,199	4,658	4,360	3,705
Tennessee	13,578	14,539	152,133	13,148	12,658	12,236
Texas	153,092	169,209	1,962,995	161,975	163,860	163,306
Utah	3,367	3,396	38,179	3,122	3,055	2,667
Vermont	188	211	2,170	201	184	177
Virginia	11,870	7,431	108,304	10,015	8,453	11,435
Washington	5,944	6,907	80,040	7,208	7,081	6,065
West Virginia	3,803	3,856	37,198	3,759	3,365	3,406
Wisconsin	13,934	15,787	150,232	15,456	13,365	11,779
Wyoming	NA	NA	57,776	5,879	6,004	4,964
Total	708,113	771,442	8,536,882	760,941	729,435	691,544

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					
	September	August	July	June	May	April
Alabama	16,213	17,308	17,071	16,839	17,713	17,980
Alaska	3,508	3,267	3,441	3,507	3,974	4,608
Arizona	1,432	1,517	1,331	1,291	1,444	1,492
Arkansas	7,932	7,915	7,339	7,996	8,768	8,576
California	55,454	59,165	55,748	52,772	55,399	53,050
Colorado	5,385	5,680	5,710	5,715	6,892	7,293
Connecticut	1,535	1,579	1,443	1,599	1,540	1,763
Delaware	2,525	2,321	2,089	2,396	2,809	2,877
District of Columbia	--	--	--	--	--	--
Florida	9,047	10,095	10,053	10,001	10,312	10,288
Georgia	11,481	13,113	12,534	12,291	12,591	12,686
Hawaii	7	7	7	8	9	8
Idaho	2,908	2,494	2,346	2,644	2,854	2,996
Illinois	17,696	16,870	17,905	18,284	19,715	18,979
Indiana	26,660	27,123	29,155	29,291	30,767	32,524
Iowa	18,457	18,067	18,449	18,405	19,774	19,675
Kansas	10,239	12,863	13,330	11,077	11,738	11,462
Kentucky	9,665	9,453	8,936	9,075	9,326	10,771
Louisiana	95,685	95,433	94,470	92,040	97,544	98,764
Maine	1,511	1,553	1,480	1,455	1,480	1,619
Maryland	1,184	1,210	1,168	1,370	959	1,278
Massachusetts	2,914	2,680	2,929	2,966	3,272	3,602
Michigan	11,268	12,475	10,783	9,661	11,834	14,610
Minnesota	10,254	10,788	10,385	10,232	12,641	14,619
Mississippi	12,226	11,408	12,214	12,006	11,383	12,237
Missouri	4,600	4,489	4,119	4,636	4,637	6,035
Montana	1,787	1,867	2,052	1,974	1,758	2,099
Nebraska	9,011	9,318	8,547	7,193	7,437	6,924
Nevada	1,410	1,509	1,513	1,481	1,546	1,474
New Hampshire	670	650	625	710	860	841
New Jersey	7,009	8,272	7,631	6,626	6,144	5,298
New Mexico	1,562	741	702	558	560	559
New York	6,433	6,083	5,877	5,928	6,320	8,169
North Carolina	9,198	9,585	9,119	9,092	9,560	9,991
North Dakota	3,156	2,979	3,182	3,103	3,436	3,552
Ohio	22,458	21,644	20,405	20,407	22,644	26,054
Oklahoma	16,668	16,992	16,990	15,516	17,703	17,444
Oregon	4,065	4,096	4,020	4,386	4,770	4,991
Pennsylvania	18,477	19,291	16,481	18,966	19,945	21,176
Rhode Island	633	624	635	640	697	784
South Carolina	7,500	8,246	8,157	8,127	8,656	8,786
South Dakota	3,818	3,855	3,722	4,007	3,782	4,393
Tennessee	11,943	11,743	11,420	12,159	12,129	12,741
Texas	154,745	164,532	165,915	162,047	163,683	163,742
Utah	2,711	2,637	2,819	3,070	3,294	3,585
Vermont	143	153	144	153	167	183
Virginia	7,260	9,663	8,880	8,956	5,486	6,702
Washington	5,644	6,037	5,643	6,049	6,887	7,141
West Virginia	3,269	3,022	2,502	2,182	2,750	2,650
Wisconsin	9,473	9,619	9,483	9,604	10,101	12,210
Wyoming	4,247	4,577	4,118	4,213	4,132	4,443
Total	653,077	676,612	665,016	654,704	683,821	705,724

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		
	March	February	January
Alabama	18,579	17,498	20,376
Alaska	5,755	5,922	6,368
Arizona	1,840	1,727	1,941
Arkansas	9,462	9,103	10,269
California	54,173	50,359	55,653
Colorado	8,568	9,048	10,261
Connecticut	1,853	2,156	2,532
Delaware	2,793	2,543	3,094
District of Columbia	--	--	--
Florida	11,866	10,814	12,033
Georgia	13,788	13,172	15,046
Hawaii	9	8	8
Idaho ^a	3,358	3,598	4,253
Illinois	24,106	25,902	30,594
Indiana	36,756	37,041	40,533
Iowa	21,989	20,750	24,643
Kansas	11,666	11,444	13,131
Kentucky	11,686	11,817	13,442
Louisiana	102,666	92,965	107,521
Maine	1,880	2,008	2,211
Maryland	1,437	1,314	1,641
Massachusetts	5,802	6,197	6,396
Michigan	17,240	17,167	18,511
Minnesota	14,246	14,902	16,979
Mississippi	12,453	10,881	11,975
Missouri	6,836	6,200	7,437
Montana	2,295	2,253	2,359
Nebraska	7,253	7,982	9,208
Nevada	1,629	1,472	1,658
New Hampshire	935	917	965
New Jersey	5,045	6,977	5,297
New Mexico	661	819	1,504
New York	8,427	9,335	9,353
North Carolina	11,113	10,875	12,052
North Dakota	3,610	3,420	3,680
Ohio	29,613	30,791	33,748
Oklahoma	18,567	17,766	19,651
Oregon	5,163	4,884	5,558
Pennsylvania	23,361	23,131	27,144
Rhode Island	768	810	800
South Carolina	8,957	8,214	8,490
South Dakota	4,305	4,746	4,848
Tennessee	12,790	12,347	16,818
Texas	170,922	154,704	173,563
Utah	3,450	3,892	3,876
Vermont	208	216	241
Virginia	9,884	8,273	13,297
Washington	7,672	6,798	7,816
West Virginia	3,323	3,237	3,734
Wisconsin	15,077	15,710	18,355
Wyoming	4,997	4,989	5,213
Total	760,835	729,095	826,076

^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.

^{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		
	January	Total	December	November	October	September
Alabama	38,944	444,879	38,178	38,064	30,691	36,969
Alaska	3,242	32,460	2,861	2,503	2,662	2,738
Arizona	27,510	401,056	30,755	30,250	39,114	40,377
Arkansas	14,421	185,309	15,114	10,473	9,553	17,307
California	65,021	635,259	65,397	58,840	65,147	51,286
Colorado	13,572	133,188	11,703	10,539	9,077	10,022
Connecticut	13,741	163,844	13,992	13,910	11,944	14,231
Delaware	1,753	27,665	479	1,463	2,520	2,328
District of Columbia	--	--	--	--	--	--
Florida	105,873	1,414,480	97,932	98,907	120,096	134,771
Georgia	38,499	443,550	33,616	30,361	31,644	41,001
Hawaii	--	--	--	--	--	--
Idaho	4,193	39,126	3,878	3,538	2,834	3,483
Illinois	16,032	208,334	13,448	15,167	18,321	19,083
Indiana	23,122	256,346	20,558	19,585	19,154	19,600
Iowa	6,385	73,879	5,867	4,398	5,230	6,586
Kansas	3,398	44,076	2,192	2,888	3,461	4,254
Kentucky	12,239	108,294	8,670	9,233	9,044	9,155
Louisiana	30,841	382,352	25,984	31,298	29,646	34,592
Maine	2,788	24,673	2,131	2,519	1,966	2,216
Maryland	7,367	110,336	7,270	8,950	10,855	8,749
Massachusetts	12,875	109,583	10,157	8,264	8,347	9,218
Michigan	34,398	425,868	36,268	31,810	35,701	38,197
Minnesota	10,087	100,949	8,690	6,941	7,666	7,929
Mississippi	39,445	411,002	33,919	26,165	33,947	36,537
Missouri	7,794	86,436	6,158	5,495	7,088	8,683
Montana	1,073	10,081	1,007	892	1,047	593
Nebraska	1,624	20,409	1,193	979	1,885	1,732
Nevada	17,370	178,250	15,518	12,083	15,973	15,372
New Hampshire	2,574	30,849	1,636	1,497	2,837	3,155
New Jersey	21,985	250,848	18,996	22,294	21,276	21,633
New Mexico	8,817	113,087	9,569	9,067	8,281	10,059
New York	42,329	484,670	38,320	41,340	36,902	44,863
North Carolina	34,914	414,871	30,684	32,307	30,787	36,337
North Dakota	2,000	20,696	1,822	1,736	1,909	1,807
Ohio	52,179	537,657	49,073	43,648	38,926	50,381
Oklahoma	35,439	350,890	24,587	20,935	22,495	36,785
Oregon	15,890	157,087	14,245	12,662	14,056	14,889
Pennsylvania	78,620	947,409	76,915	64,777	67,108	85,401
Rhode Island	3,853	58,648	3,717	4,894	5,613	6,124
South Carolina	13,221	188,465	13,226	14,342	14,581	16,707
South Dakota	1,860	18,130	1,273	1,089	1,553	1,458
Tennessee	11,649	108,843	7,955	8,825	7,478	10,052
Texas	169,590	1,951,685	136,083	136,570	147,443	201,044
Utah	8,558	87,661	7,922	6,900	6,303	8,484
Vermont	1	3	--	2	--	--
Virginia	39,215	364,193	32,973	25,236	22,248	33,580
Washington	12,550	123,283	10,660	10,487	11,829	12,134
West Virginia	1,830	31,073	2,750	4,169	2,818	2,032
Wisconsin	18,465	203,689	16,986	15,194	15,938	16,224
Wyoming	1,841	14,856	1,575	1,495	1,380	968
Total	1,130,985	12,930,278	1,013,898	964,981	1,016,374	1,191,126

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					
	August	July	June	May	April	March
Alabama	48,799	47,432	42,282	36,467	28,337	33,391
Alaska	3,456	3,546	2,731	1,969	2,234	2,733
Arizona	47,485	47,217	32,704	30,973	34,096	23,017
Arkansas	21,366	21,123	18,514	17,091	12,443	14,016
California	77,742	78,082	30,119	22,332	37,231	45,744
Colorado	14,466	14,877	9,620	8,723	8,763	11,336
Connecticut	15,176	17,380	16,448	10,010	11,946	13,953
Delaware	3,696	5,884	2,397	1,518	3,007	1,572
District of Columbia	--	--	--	--	--	--
Florida	158,543	150,883	133,755	123,848	108,539	101,577
Georgia	48,102	44,680	43,169	40,625	29,857	32,827
Hawaii	--	--	--	--	--	--
Idaho	4,324	4,556	3,072	1,717	1,881	3,055
Illinois	27,528	34,134	21,852	12,551	8,116	11,408
Indiana	22,466	27,844	25,557	19,867	18,416	21,565
Iowa	9,008	9,489	7,736	6,666	3,035	5,593
Kansas	6,916	5,770	5,438	4,373	2,449	2,524
Kentucky	11,242	13,472	9,370	10,093	4,378	7,951
Louisiana	44,887	41,957	40,017	34,663	27,102	27,639
Maine	2,426	3,110	2,397	2,117	1,281	1,665
Maryland	11,782	12,750	8,999	6,931	11,115	10,151
Massachusetts	10,286	13,891	8,303	8,021	7,625	7,442
Michigan	44,430	45,595	36,231	32,172	33,136	33,331
Minnesota	13,017	13,020	11,114	7,600	6,818	7,250
Mississippi	45,108	43,971	38,053	31,119	29,299	32,243
Missouri	11,284	12,771	9,215	6,496	5,808	4,744
Montana	759	864	510	W	730	886
Nebraska	3,249	3,145	2,500	1,759	W	946
Nevada	18,120	21,613	11,809	13,303	11,951	14,598
New Hampshire	3,292	4,634	3,643	1,874	3,724	1,818
New Jersey	28,403	33,768	21,472	20,257	18,505	14,790
New Mexico	12,462	10,599	9,731	9,441	8,112	8,881
New York	50,960	65,858	44,353	33,230	29,737	31,000
North Carolina	45,082	44,875	33,618	30,651	26,679	30,188
North Dakota	2,185	2,218	1,830	1,267	1,469	1,666
Ohio	51,536	56,280	47,680	43,670	32,934	43,454
Oklahoma	47,808	46,230	38,461	32,305	19,564	20,286
Oregon	16,236	14,942	11,456	5,278	11,796	13,788
Pennsylvania	95,219	100,078	84,202	68,414	65,210	80,457
Rhode Island	5,802	6,251	5,486	4,716	3,864	4,290
South Carolina	20,899	18,740	15,662	17,247	15,816	14,375
South Dakota	2,529	2,630	2,024	1,562	1,217	1,034
Tennessee	11,606	10,851	10,750	10,382	9,523	6,851
Texas	249,428	221,816	200,158	168,652	118,945	121,832
Utah	8,981	8,350	6,513	6,199	6,024	7,770
Vermont	*	--	--	1	--	--
Virginia	44,961	44,400	34,986	23,272	18,409	25,735
Washington	13,207	13,211	7,152	3,731	10,042	12,626
West Virginia	3,561	3,617	4,117	3,113	1,583	830
Wisconsin	21,025	21,374	18,012	15,811	13,860	16,168
Wyoming	1,624	1,565	1,198	1,211	518	959
Total	1,462,470	1,471,338	1,176,416	995,707	868,551	931,959

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		
	February	January	Total	December	November	October
Alabama	31,731	32,539	457,264	35,685	31,877	34,387
Alaska	2,309	2,718	26,476	2,461	1,923	2,133
Arizona	21,442	23,626	339,145	26,197	23,658	33,206
Arkansas	13,511	14,797	187,603	16,703	14,472	13,150
California	47,442	55,897	642,745	63,792	57,609	63,847
Colorado	10,037	14,025	127,017	12,370	10,438	9,789
Connecticut	11,299	13,554	163,623	11,335	13,318	12,159
Delaware	765	2,036	30,729	1,610	2,596	2,828
District of Columbia	--	--	--	--	--	--
Florida	88,008	97,621	1,392,662	99,840	100,702	109,848
Georgia	33,607	34,061	427,672	32,465	31,645	30,715
Hawaii	--	--	--	--	--	--
Idaho	3,088	3,699	34,112	3,727	3,102	2,428
Illinois	12,713	14,012	198,792	16,178	14,101	14,652
Indiana	19,632	22,103	233,990	22,050	19,130	20,363
Iowa	4,317	5,953	48,152	4,244	2,809	3,229
Kansas	1,969	1,842	29,566	1,709	2,416	2,754
Kentucky	7,644	8,039	137,415	12,961	10,964	8,366
Louisiana	25,179	19,389	365,456	26,098	23,652	25,227
Maine	1,112	1,734	24,042	1,669	1,476	1,204
Maryland	7,076	5,708	99,108	6,289	6,585	10,016
Massachusetts	9,164	8,864	119,079	10,958	8,643	5,662
Michigan	28,424	30,573	313,362	28,124	23,471	27,260
Minnesota	4,455	6,450	83,188	7,110	5,367	6,524
Mississippi	28,431	32,211	376,374	32,567	27,254	24,471
Missouri	3,832	4,861	67,379	5,173	4,068	4,787
Montana	1,009	1,369	7,106	1,372	775	820
Nebraska	625	W	11,171	883	595	743
Nevada	13,064	14,846	187,758	15,288	14,366	16,046
New Hampshire	1,127	1,611	31,983	1,465	885	2,535
New Jersey	12,235	17,219	250,494	16,865	18,393	18,614
New Mexico	7,258	9,627	88,248	9,610	8,161	8,221
New York	31,968	36,138	472,210	34,992	35,455	34,073
North Carolina	32,693	40,970	458,736	40,643	38,212	37,034
North Dakota	1,332	1,455	14,210	1,355	1,049	1,113
Ohio	39,445	40,628	466,353	39,387	38,358	31,473
Oklahoma	19,982	21,451	290,403	23,194	18,274	23,121
Oregon	13,264	14,476	132,356	15,158	12,218	11,595
Pennsylvania	76,380	83,250	878,261	74,045	64,992	71,052
Rhode Island	3,554	4,339	57,636	3,936	4,946	3,984
South Carolina	13,222	13,649	189,598	10,834	12,228	15,760
South Dakota	674	1,087	9,492	904	643	681
Tennessee	6,605	7,964	122,371	11,186	7,500	5,882
Texas	121,082	128,633	1,797,397	142,708	128,524	138,409
Utah	6,956	7,260	79,666	7,519	7,157	7,059
Vermont	--	1	8	1	2	--
Virginia	25,401	32,992	359,975	32,207	28,088	26,673
Washington	8,038	10,166	100,384	11,594	9,951	11,848
West Virginia	942	1,542	17,677	1,567	1,712	1,240
Wisconsin	15,296	17,799	159,125	13,966	8,386	11,478
Wyoming	1,031	1,332	10,408	1,348	964	1,212
Total	870,374	967,085	12,117,975	993,345	903,112	949,669

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					
	September	August	July	June	May	April
Alabama	40,749	48,316	51,547	49,476	40,260	29,814
Alaska	2,463	3,071	2,842	1,929	1,487	1,759
Arizona	36,794	39,560	38,904	30,358	25,841	24,935
Arkansas	18,127	21,125	21,622	18,928	13,313	12,790
California	75,320	80,333	64,917	48,126	32,962	36,975
Colorado	11,577	14,218	13,951	10,624	8,858	7,113
Connecticut	15,229	18,091	18,118	14,843	11,249	10,654
Delaware	2,289	5,344	5,468	2,624	1,712	2,021
District of Columbia	--	--	--	--	--	--
Florida	131,363	148,530	149,933	138,143	124,495	100,035
Georgia	39,796	47,564	49,464	44,759	36,361	27,085
Hawaii	--	--	--	--	--	--
Idaho	3,430	4,071	3,829	1,957	1,423	1,510
Illinois	18,930	26,263	27,599	20,760	14,513	8,451
Indiana	16,526	21,149	22,417	20,086	18,317	17,732
Iowa	4,808	7,098	6,527	4,922	3,401	1,407
Kansas	2,431	4,088	4,915	3,423	2,397	1,242
Kentucky	9,550	14,044	17,152	16,753	10,102	7,130
Louisiana	28,964	38,758	46,746	40,401	34,310	27,435
Maine	2,621	2,652	2,774	2,196	2,357	1,211
Maryland	9,524	11,677	11,121	10,879	8,320	7,851
Massachusetts	7,840	15,189	16,011	9,097	9,695	8,107
Michigan	28,738	34,664	36,199	27,770	18,112	19,053
Minnesota	7,911	9,664	9,508	6,570	4,935	5,049
Mississippi	30,693	40,720	43,045	36,719	27,811	25,006
Missouri	5,712	9,437	11,202	7,311	4,713	3,297
Montana	792	832	526	W	287	313
Nebraska	1,280	1,699	1,800	1,012	821	515
Nevada	19,043	20,843	21,462	15,992	13,231	12,312
New Hampshire	3,007	4,687	4,199	3,752	3,597	2,936
New Jersey	22,812	33,158	34,203	24,464	19,362	16,729
New Mexico	8,713	10,132	10,096	6,911	6,448	4,364
New York	36,143	57,591	61,301	42,364	38,107	30,924
North Carolina	37,958	51,325	52,898	44,403	31,827	20,996
North Dakota	1,246	1,541	1,455	W	922	1,062
Ohio	39,730	45,348	47,377	41,136	36,212	28,997
Oklahoma	28,112	39,123	43,966	29,354	23,376	12,966
Oregon	13,979	14,512	9,761	4,311	5,784	10,236
Pennsylvania	77,407	87,933	88,956	74,491	63,189	56,660
Rhode Island	5,035	6,650	6,783	5,259	4,720	3,088
South Carolina	18,675	22,977	23,101	21,005	16,680	9,735
South Dakota	971	1,276	1,252	W	616	W
Tennessee	9,447	12,990	14,437	13,365	7,519	8,096
Texas	178,998	215,090	219,242	184,017	151,154	99,596
Utah	7,619	7,917	7,464	5,977	5,264	5,287
Vermont	--	1	--	1	1	--
Virginia	33,450	41,740	42,272	35,244	22,825	15,048
Washington	11,992	11,779	9,430	3,174	2,447	6,808
West Virginia	1,308	1,755	2,635	2,173	1,586	1,064
Wisconsin	11,645	17,333	18,314	15,802	11,544	11,798
Wyoming	944	1,394	1,275	876	1,005	691
Total	1,121,693	1,375,253	1,400,013	1,145,902	925,471	748,335

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		
	March	February	January
Alabama	30,200	27,085	37,868
Alaska	1,656	2,156	2,597
Arizona	21,103	18,898	19,690
Arkansas	13,895	7,881	15,597
California	35,419	37,608	45,838
Colorado	8,928	9,318	9,832
Connecticut	13,179	12,274	13,174
Delaware	1,090	1,626	1,521
District of Columbia	--	--	--
Florida	98,804	85,874	105,094
Georgia	26,536	28,022	33,260
Hawaii	--	--	--
Idaho	1,857	3,167	3,611
Illinois	10,061	10,372	16,911
Indiana	15,677	18,034	22,509
Iowa	2,483	3,297	3,927
Kansas	1,404	1,401	1,385
Kentucky	5,681	9,326	15,385
Louisiana	20,756	24,142	28,966
Maine	1,941	1,744	2,196
Maryland	7,631	4,427	4,786
Massachusetts	8,040	8,909	10,929
Michigan	20,981	21,555	27,436
Minnesota	4,823	6,483	9,245
Mississippi	26,380	26,870	34,839
Missouri	2,797	3,245	5,638
Montana	292	346	435
Nebraska	W	627	849
Nevada	12,375	12,583	14,216
New Hampshire	1,893	1,464	1,562
New Jersey	15,690	16,038	14,165
New Mexico	4,948	5,100	5,542
New York	30,220	33,983	37,057
North Carolina	30,636	36,990	35,815
North Dakota	876	1,217	1,364
Ohio	37,814	36,354	44,167
Oklahoma	11,145	17,726	20,045
Oregon	9,708	11,556	13,535
Pennsylvania	71,720	69,606	78,210
Rhode Island	4,216	4,380	4,639
South Carolina	11,269	13,101	14,231
South Dakota	W	601	904
Tennessee	11,391	9,156	11,401
Texas	92,999	116,909	129,750
Utah	5,233	6,125	7,045
Vermont	2	--	1
Virginia	28,599	25,611	28,217
Washington	5,038	7,551	8,773
West Virginia	704	590	1,343
Wisconsin	10,258	13,168	15,433
Wyoming	194	W	335
Total	779,245	814,667	961,269

^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		
	January	Total	December	November	October	September
Alabama	72,452	714,406	66,670	62,222	51,244	56,136
Alaska	16,656	NA	NA	12,666	10,492	8,532
Arizona	42,697	NA	41,490	37,763	NA	45,245
Arkansas	39,167	366,460	34,288	25,913	22,722	28,753
California	NA	1,991,855	193,858	167,754	167,534	144,047
Colorado	59,240	427,914	50,372	42,337	30,259	20,691
Connecticut	33,492	285,545	29,663	27,709	19,396	19,651
Delaware	8,561	80,849	6,390	6,816	6,339	5,425
District of Columbia	4,400	24,965	3,514	3,155	1,488	951
Florida	NA	1,627,026	118,539	116,338	137,277	150,949
Georgia	92,665	776,157	77,935	63,579	55,838	60,154
Hawaii	278	2,985	248	234	248	251
Idaho	18,670	137,128	16,164	13,881	11,129	8,481
Illinois	NA	1,052,206	117,844	103,656	74,230	53,772
Indiana	107,735	NA	88,452	78,135	63,698	NA
Iowa	51,239	436,983	43,632	37,834	33,144	29,597
Kansas	39,424	NA	28,722	25,708	19,799	17,144
Kentucky	44,403	310,541	32,759	29,160	23,439	20,576
Louisiana	141,463	1,615,545	144,917	137,004	133,877	127,908
Maine	7,100	NA	5,744	NA	NA	NA
Maryland	35,214	262,441	28,109	27,376	20,409	14,858
Massachusetts	55,239	352,673	41,053	36,446	21,520	18,443
Michigan	140,465	1,053,960	111,914	102,137	78,021	61,075
Minnesota	68,259	NA	55,254	44,558	33,500	24,176
Mississippi	62,012	587,360	52,443	41,104	47,848	49,305
Missouri	45,075	300,046	34,432	27,330	20,461	16,948
Montana	11,614	84,627	9,615	8,007	6,461	4,070
Nebraska	23,495	NA	17,964	14,684	13,360	10,961
Nevada	NA	NA	26,917	NA	NA	NA
New Hampshire	NA	NA	NA	NA	NA	NA
New Jersey	99,199	NA	79,100	70,265	46,950	39,094
New Mexico	21,435	NA	21,120	NA	NA	13,113
New York	175,887	1,263,450	138,486	126,541	81,428	75,889
North Carolina	75,567	650,891	63,868	57,707	47,186	48,791
North Dakota	10,497	92,033	9,461	8,374	6,269	5,065
Ohio	168,214	1,273,370	139,179	119,532	81,880	81,448
Oklahoma	79,720	674,504	60,364	47,759	44,363	57,693
Oregon	34,163	291,248	29,505	26,579	23,954	21,446
Pennsylvania	178,571	NA	156,247	134,607	109,503	116,063
Rhode Island	10,147	95,016	8,501	9,143	7,457	7,536
South Carolina	33,513	336,572	30,251	28,414	25,477	26,046
South Dakota	11,624	94,557	9,333	7,809	6,554	5,938
Tennessee	NA	NA	NA	NA	NA	NA
Texas	430,450	4,324,734	369,389	346,283	338,156	379,292
Utah	32,022	249,429	30,700	24,738	14,884	14,016
Vermont	1,794	12,361	1,507	1,329	815	612
Virginia	72,570	NA	65,504	53,710	37,590	50,947
Washington	NA	NA	NA	34,922	29,286	23,441
West Virginia	NA	NA	NA	12,552	8,964	6,703
Wisconsin	77,466	584,418	61,698	55,184	41,935	31,812
Wyoming	13,683	NA	12,944	11,133	9,397	7,203
Total	3,391,775	29,311,232	2,878,435	2,551,703	2,177,956	2,120,191

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					
	August	July	June	May	April	March
Alabama	68,956	67,131	62,032	57,747	49,578	57,804
Alaska	8,548	8,798	8,012	7,984	9,560	12,840
Arizona	52,334	51,724	37,929	37,226	42,501	36,199
Arkansas	32,886	32,233	30,317	29,938	27,205	32,415
California	170,821	169,463	122,498	124,512	146,212	189,238
Colorado	24,827	24,679	20,793	22,696	32,302	48,604
Connecticut	20,302	22,633	21,762	16,816	20,751	29,120
Delaware	6,704	9,101	5,690	5,681	7,023	7,289
District of Columbia	930	959	1,158	1,324	1,531	3,098
Florida	174,599	167,172	150,493	140,682	126,056	120,929
Georgia	67,550	63,554	62,529	62,233	54,535	65,589
Hawaii	245	243	266	241	238	262
Idaho	8,420	8,470	7,348	6,651	10,015	14,493
Illinois	60,610	67,156	56,716	56,630	74,650	117,453
Indiana	59,161	63,500	60,641	59,986	67,312	90,028
Iowa	31,717	31,873	30,063	31,329	32,596	43,793
Kansas	21,726	20,084	18,182	NA	20,187	27,285
Kentucky	22,893	24,646	21,010	23,201	19,425	30,301
Louisiana	145,433	141,526	136,068	134,569	128,944	134,307
Maine	NA	NA	3,816	3,970	NA	5,287
Maryland	18,118	19,018	15,525	14,525	20,181	29,353
Massachusetts	19,015	22,335	18,157	21,103	25,604	39,556
Michigan	67,349	67,264	59,784	66,258	84,892	117,529
Minnesota	30,401	29,020	27,813	NA	42,517	56,727
Mississippi	58,387	56,936	50,791	44,228	43,581	48,190
Missouri	19,652	21,036	17,759	16,562	20,375	32,449
Montana	4,367	4,389	4,085	4,731	7,042	10,172
Nebraska	13,591	13,180	11,525	10,869	12,613	NA
Nevada	NA	25,886	16,871	NA	20,976	28,457
New Hampshire	NA	NA	NA	NA	NA	NA
New Jersey	47,619	51,088	NA	NA	NA	NA
New Mexico	15,613	13,657	12,953	13,168	13,790	NA
New York	80,288	99,804	78,640	74,395	86,344	135,340
North Carolina	57,501	56,710	45,234	45,910	43,735	54,760
North Dakota	5,921	6,451	5,728	6,521	8,342	9,916
Ohio	85,053	89,093	80,703	90,821	95,014	133,412
Oklahoma	69,615	66,776	59,751	55,627	45,226	53,395
Oregon	22,265	20,746	17,917	12,698	24,219	30,208
Pennsylvania	126,208	129,483	113,981	103,627	NA	155,755
Rhode Island	7,041	7,495	7,068	6,519	6,440	9,020
South Carolina	30,393	27,967	25,353	27,919	27,200	28,289
South Dakota	6,937	7,020	6,610	6,629	8,310	9,639
Tennessee	26,220	NA	NA	26,923	29,894	34,548
Texas	434,022	404,623	377,658	351,974	306,560	327,663
Utah	14,856	14,557	12,551	13,705	18,906	29,213
Vermont	591	612	523	678	969	1,502
Virginia	59,127	NA	48,848	38,228	37,245	NA
Washington	22,935	22,646	NA	15,889	29,418	37,872
West Virginia	7,992	8,239	9,115	8,009	8,360	10,941
Wisconsin	37,178	36,868	34,046	37,321	46,027	64,617
Wyoming	6,987	6,788	6,491	NA	NA	NA
Total	2,404,795	2,398,570	2,110,581	2,060,657	2,169,587	2,732,981

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		
	February	January	Total	December	November	October
Alabama	55,098	59,788	726,497	62,421	55,558	54,929
Alaska	12,688	14,491	120,531	14,986	11,942	10,080
Arizona	35,810	39,208	438,548	39,227	32,638	38,678
Arkansas	33,519	36,270	379,448	36,705	30,237	26,329
California	186,182	209,734	2,001,832	211,233	188,387	162,871
Colorado	47,406	62,948	423,428	56,056	46,096	28,307
Connecticut	27,377	30,365	291,344	28,928	25,109	20,068
Delaware	6,273	8,118	84,940	8,056	7,362	6,709
District of Columbia	3,110	3,748	27,663	4,047	2,604	1,209
Florida	106,220	117,772	1,605,299	118,645	117,065	126,705
Georgia	65,944	76,716	773,395	78,064	63,950	53,665
Hawaii	222	287	2,993	254	256	241
Idaho	15,349	16,729	132,388	17,452	15,479	9,263
Illinois	125,443	144,045	1,132,741	150,072	105,216	74,003
Indiana	85,017	97,255	863,829	98,152	77,795	62,314
Iowa	42,272	49,133	423,253	48,361	38,190	31,663
Kansas	28,664	33,535	284,575	34,071	26,548	18,963
Kentucky	29,073	34,057	354,727	40,654	32,289	23,631
Louisiana	124,235	126,757	1,602,245	135,312	130,481	120,885
Maine	4,988	5,628	57,110	5,328	4,468	3,554
Maryland	26,812	28,156	272,064	32,681	22,864	20,232
Massachusetts	42,930	46,511	415,148	52,240	34,476	21,680
Michigan	113,169	124,566	990,324	123,148	89,476	70,322
Minnesota	56,509	66,810	507,275	63,614	43,393	32,406
Mississippi	43,346	51,201	562,376	51,459	43,307	39,148
Missouri	32,177	40,865	302,012	41,230	28,394	17,640
Montana	9,975	11,711	83,090	12,622	9,716	4,979
Nebraska	NA	NA	181,956	21,977	16,635	12,046
Nevada	26,654	29,769	287,223	25,366	23,116	22,411
New Hampshire	4,673	5,244	58,034	5,047	2,647	3,672
New Jersey	NA	NA	719,998	88,319	59,505	43,827
New Mexico	NA	23,463	166,503	21,279	17,724	15,019
New York	135,989	150,303	1,316,741	157,653	110,747	80,849
North Carolina	57,032	72,457	714,110	77,718	62,051	55,628
North Dakota	9,308	10,676	84,798	9,239	6,566	5,520
Ohio	132,093	145,142	1,255,234	153,092	118,483	79,593
Oklahoma	54,087	59,850	611,600	60,379	48,782	44,478
Oregon	29,958	31,754	270,445	33,817	28,842	20,116
Pennsylvania	153,093	163,323	1,538,680	169,113	122,519	113,872
Rhode Island	8,738	10,058	95,458	8,174	7,433	5,499
South Carolina	27,663	31,599	348,327	28,870	26,056	27,686
South Dakota	9,139	10,640	87,438	10,883	7,141	5,391
Tennessee	38,993	44,554	409,318	45,803	34,800	25,245
Texas	330,939	358,178	4,190,996	363,898	338,953	324,427
Utah	29,088	32,216	244,561	33,127	28,904	16,698
Vermont	1,575	1,648	13,479	1,595	1,171	868
Virginia	56,298	62,010	627,600	67,598	52,506	48,139
Washington	34,663	39,097	337,672	44,072	38,418	26,476
West Virginia	10,592	12,399	103,593	12,895	9,699	7,969
Wisconsin	64,408	73,323	575,640	69,976	48,027	38,622
Wyoming	NA	NA	94,611	11,829	10,085	7,319
Total	2,688,632	3,017,144	29,193,090	3,086,737	2,504,109	2,111,844

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					
	September	August	July	June	May	April
Alabama	58,830	67,438	70,299	68,080	60,063	51,491
Alaska	7,724	7,594	7,286	6,448	7,247	9,177
Arizona	41,375	44,427	43,391	35,632	31,780	32,367
Arkansas	29,794	32,560	32,290	30,589	26,142	28,545
California	167,163	174,687	159,447	139,822	134,747	141,689
Colorado	22,286	24,587	24,080	21,343	24,019	31,513
Connecticut	20,547	23,278	23,095	19,998	17,843	20,701
Delaware	5,438	8,240	8,171	5,651	5,439	6,581
District of Columbia	1,000	1,018	1,069	895	1,251	2,052
Florida	146,421	164,595	165,720	154,706	141,638	117,711
Georgia	58,332	67,387	68,595	63,804	56,810	51,686
Hawaii	255	241	245	262	249	257
Idaho	8,061	8,600	7,404	6,301	7,343	9,265
Illinois	54,801	58,618	60,854	55,438	62,632	85,204
Indiana	49,521	54,074	56,496	54,925	57,294	68,421
Iowa	26,303	28,024	27,872	26,286	27,866	31,828
Kansas	15,810	20,238	21,638	17,839	18,819	20,226
Kentucky	21,200	25,316	27,938	27,947	22,178	23,705
Louisiana	127,895	137,469	144,284	135,531	135,120	130,812
Maine	4,518	4,531	4,573	4,027	4,389	3,836
Maryland	15,446	17,092	17,335	17,394	15,983	22,930
Massachusetts	19,844	25,308	25,667	19,770	24,769	29,943
Michigan	52,595	57,142	58,242	50,475	47,995	78,719
Minnesota	24,253	26,362	24,844	22,752	28,464	44,592
Mississippi	44,370	53,579	56,599	50,153	40,854	40,224
Missouri	14,358	17,709	18,918	15,627	15,272	20,369
Montana	3,861	3,957	4,157	3,988	4,977	7,038
Nebraska	12,002	12,675	12,223	10,685	11,972	13,153
Nevada	23,794	25,524	26,362	21,459	20,162	20,117
New Hampshire	4,180	5,763	5,225	4,890	5,027	5,146
New Jersey	41,432	49,928	54,020	42,464	46,736	54,010
New Mexico	12,689	13,208	12,939	9,775	9,718	8,379
New York	65,440	87,562	95,671	74,931	82,327	100,469
North Carolina	51,288	64,623	65,361	56,760	45,595	37,553
North Dakota	4,968	5,163	5,156	5,019	6,261	7,591
Ohio	72,916	76,371	77,516	73,878	76,322	93,155
Oklahoma	47,727	58,901	63,666	47,781	45,196	36,668
Oregon	20,150	20,388	15,684	11,561	15,664	22,994
Pennsylvania	106,331	116,946	114,338	103,445	99,515	110,463
Rhode Island	6,359	7,928	8,184	6,909	6,689	6,268
South Carolina	28,446	33,288	33,338	31,254	27,686	22,140
South Dakota	5,354	5,670	5,523	5,622	5,612	7,403
Tennessee	25,473	28,389	29,259	29,132	24,275	29,427
Texas	350,782	396,349	403,215	363,717	334,396	290,740
Utah	13,266	14,014	14,101	12,787	15,284	18,641
Vermont	653	642	612	655	641	1,140
Virginia	46,171	56,452	55,769	49,464	35,039	32,058
Washington	22,259	21,945	19,255	14,787	19,017	28,502
West Virginia	6,302	5,963	6,387	5,567	5,949	7,540
Wisconsin	28,274	33,427	34,839	31,931	32,403	47,592
Wyoming	5,801	6,564	5,949	6,052	6,590	7,561
Total	2,044,059	2,301,750	2,325,099	2,076,209	1,999,260	2,119,591

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		
	March	February	January
Alabama	54,200	52,782	70,406
Alaska	11,180	12,173	14,693
Arizona	32,880	32,015	34,138
Arkansas	35,083	30,920	40,254
California	156,234	168,172	197,379
Colorado	41,944	49,283	53,915
Connecticut	27,755	29,702	34,318
Delaware	6,459	7,495	9,340
District of Columbia	3,330	4,119	5,071
Florida	119,289	105,909	126,894
Georgia	58,336	66,103	86,663
Hawaii	243	227	263
Idaho	10,815	14,726	17,680
Illinois	112,755	141,748	171,402
Indiana	79,031	93,432	112,372
Iowa	38,972	43,946	53,942
Kansas	25,925	30,491	34,008
Kentucky	26,629	35,325	47,915
Louisiana	130,754	125,005	148,698
Maine	5,405	5,645	6,836
Maryland	25,605	27,705	36,797
Massachusetts	45,298	53,961	62,193
Michigan	100,811	117,292	144,107
Minnesota	52,838	67,057	76,700
Mississippi	43,940	44,271	54,472
Missouri	27,669	37,536	47,290
Montana	8,335	9,381	10,080
Nebraska	16,498	19,448	22,642
Nevada	24,148	24,777	29,989
New Hampshire	5,053	5,199	6,185
New Jersey	67,150	83,102	89,505
New Mexico	12,620	15,482	17,670
New York	134,407	152,922	173,765
North Carolina	52,450	67,140	77,943
North Dakota	9,056	9,629	10,629
Ohio	123,062	142,548	168,298
Oklahoma	42,162	54,780	61,082
Oregon	23,074	26,671	31,484
Pennsylvania	148,390	152,726	181,020
Rhode Island	9,178	10,424	12,411
South Carolina	25,511	29,370	34,681
South Dakota	8,329	9,456	11,055
Tennessee	38,004	43,047	56,462
Texas	314,561	342,736	367,222
Utah	22,022	25,656	30,060
Vermont	1,537	1,793	2,172
Virginia	55,431	56,432	72,541
Washington	28,337	34,284	40,320
West Virginia	9,899	11,341	14,082
Wisconsin	57,972	69,344	83,234
Wyoming	8,637	8,812	9,411
Total	2,519,200	2,803,540	3,301,692

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

^{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		
	January	Total	December	November	October	September
Alabama	3.96	4.04	3.70	4.08	4.17	3.93
Alaska	8.32	8.33	8.32	8.36	8.35	8.55
Arizona	5.66	5.01	4.12	3.85	2.81	2.94
Arkansas	4.11	5.94	4.08	4.64	4.70	5.43
California	3.78	NA	6.96	6.57	3.13	5.02
Colorado	5.09	5.55	3.90	3.83	3.76	4.58
Connecticut	4.82	5.82	4.75	4.51	5.60	7.03
Delaware	5.01	NA	4.95	5.02	7.75	11.67
District of Columbia	--	--	--	--	--	--
Florida	6.21	7.31	6.61	7.81	7.18	7.02
Georgia	NA	NA	NA	NA	NA	NA
Hawaii	22.03	28.22	22.59	25.00	25.98	33.01
Idaho	3.61	NA	3.21	3.24	3.38	2.89
Illinois	5.67	4.04	3.74	3.57	3.70	4.64
Indiana	5.35	4.45	3.68	3.26	3.27	3.55
Iowa	NA	NA	4.21	4.62	3.96	4.37
Kansas	5.60	NA	4.79	4.56	5.29	7.51
Kentucky	3.96	4.05	3.38	3.62	3.49	3.56
Louisiana	4.35	NA	3.97	4.31	4.00	NA
Maine	9.64	NA	6.73	6.24	5.89	7.62
Maryland	4.89	6.53	4.95	4.45	5.72	7.09
Massachusetts	6.31	7.42	5.83	5.99	8.14	12.08
Michigan	3.96	4.20	3.95	3.28	3.06	3.15
Minnesota	4.61	NA	4.16	3.06	2.51	4.33
Mississippi	4.59	5.04	4.37	4.67	4.20	4.23
Missouri	3.74	4.63	3.59	3.84	3.74	4.59
Montana	4.36	4.34	3.53	4.20	3.97	4.18
Nebraska	4.38	NA	3.81	3.96	3.62	4.67
Nevada	6.16	NA	5.29	5.40	4.33	4.57
New Hampshire	4.10	NA	4.25	5.10	7.14	5.72
New Jersey	5.00	NA	5.28	5.28	4.96	4.53
New Mexico	4.69	NA	4.12	3.88	3.85	2.99
New York	4.23	4.81	3.71	3.81	4.28	6.13
North Carolina	3.78	3.55	2.94	3.04	3.95	4.23
North Dakota	5.52	NA	3.18	5.24	6.09	4.99
Ohio	NA	NA	3.89	4.57	4.58	3.69
Oklahoma	6.52	7.11	5.35	6.09	5.14	5.72
Oregon	5.58	5.62	5.55	5.35	5.18	6.16
Pennsylvania	4.61	5.25	4.23	4.85	3.99	6.31
Rhode Island	7.69	8.82	6.59	5.28	9.35	11.73
South Carolina	5.00	4.78	4.41	4.39	4.81	5.13
South Dakota	5.83	5.30	4.33	5.69	5.02	5.78
Tennessee	NA	NA	NA	NA	NA	3.31
Texas	NA	4.32	3.90	3.97	3.78	3.71
Utah	6.86	6.59	5.34	4.90	4.78	6.22
Vermont	4.98	5.41	5.08	4.97	4.40	5.32
Virginia	4.73	NA	4.50	4.21	4.78	5.19
Washington	4.50	NA	5.41	5.28	4.60	5.66
West Virginia	NA	NA	NA	NA	NA	5.28
Wisconsin	4.24	NA	4.74	4.25	3.86	4.44
Wyoming	5.93	NA	3.18	4.64	3.76	4.89
Total	4.76	5.29	4.39	4.36	4.16	5.03

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					
	August	July	June	May	April	March
Alabama	3.84	4.06	3.65	3.30	3.19	4.09
Alaska	8.87	8.92	8.73	8.46	8.22	8.13
Arizona	2.84	3.38	2.78	2.27	2.10	3.11
Arkansas	5.55	6.30	5.03	5.88	7.07	5.87
California	5.58	5.26	NA	4.29	4.97	NA
Colorado	4.21	4.43	3.55	3.96	3.88	4.96
Connecticut	7.19	7.37	7.60	6.87	4.54	5.79
Delaware	12.17	12.55	12.27	9.42	NA	7.32
District of Columbia	--	--	--	--	--	--
Florida	6.72	8.63	6.51	6.47	7.07	7.52
Georgia	NA	5.11	4.40	NA	3.74	4.83
Hawaii	32.85	29.30	36.01	27.42	28.70	27.89
Idaho	2.88	2.68	3.34	3.31	3.05	3.89
Illinois	4.70	4.25	4.45	2.91	3.34	3.52
Indiana	3.87	4.26	3.93	3.26	3.34	4.94
Iowa	4.51	4.24	4.16	NA	5.48	6.05
Kansas	6.26	7.23	7.43	NA	4.97	6.17
Kentucky	3.62	3.66	3.05	2.91	3.20	4.69
Louisiana	NA	3.17	2.71	3.13	4.67	4.23
Maine	7.74	8.12	5.71	4.30	NA	7.26
Maryland	6.37	9.02	7.36	5.81	5.26	7.45
Massachusetts	13.30	13.43	11.73	8.49	5.64	5.89
Michigan	3.13	3.19	3.03	3.20	2.92	4.92
Minnesota	4.75	4.71	4.70	NA	6.78	7.02
Mississippi	4.04	4.03	3.87	3.69	4.37	6.03
Missouri	4.23	4.22	4.05	4.07	4.40	4.53
Montana	4.20	4.23	2.93	2.72	3.09	4.11
Nebraska	3.74	3.90	3.74	4.04	NA	5.12
Nevada	4.99	4.65	3.80	2.81	5.20	5.78
New Hampshire	8.09	8.21	6.52	4.90	NA	5.06
New Jersey	4.57	4.38	4.42	4.24	NA	6.88
New Mexico	3.50	3.29	2.73	2.33	2.57	NA
New York	5.81	6.85	5.98	4.34	3.38	4.76
North Carolina	4.30	4.52	4.77	3.48	3.69	3.04
North Dakota	4.71	4.55	NA	NA	2.80	3.91
Ohio	NA	5.27	5.15	4.72	NA	4.95
Oklahoma	5.22	5.88	5.12	4.40	4.64	8.00
Oregon	6.13	6.18	6.26	6.02	5.06	5.06
Pennsylvania	4.68	5.92	4.89	4.56	3.93	5.76
Rhode Island	9.91	14.57	9.47	9.05	3.73	12.00
South Carolina	4.87	5.00	4.81	4.32	4.28	4.36
South Dakota	4.78	4.34	3.56	2.56	3.49	5.40
Tennessee	3.37	NA	NA	3.98	NA	4.03
Texas	3.52	3.61	3.34	3.14	3.78	4.29
Utah	6.73	5.14	6.37	3.91	6.15	7.07
Vermont	4.56	4.49	4.74	4.97	5.04	5.93
Virginia	5.19	4.62	4.64	5.00	4.25	NA
Washington	5.41	4.68	5.23	4.79	4.45	4.83
West Virginia	7.60	5.61	NA	4.85	4.49	6.32
Wisconsin	4.47	4.74	NA	NA	NA	5.42
Wyoming	NA	4.03	3.13	2.80	4.24	5.12
Total	4.79	5.04	4.67	4.17	4.33	5.28

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		
	February	January	Total	December	November	October
Alabama	4.22	5.30	6.74	7.25	5.90	6.81
Alaska	8.15	8.16	8.12	8.14	8.18	8.22
Arizona	5.43	11.86	6.87	9.98	5.94	5.00
Arkansas	6.47	7.12	8.17	7.97	6.20	9.33
California	11.10	NA	8.02	11.83	7.08	6.38
Colorado	6.57	9.83	6.61	8.65	6.45	6.87
Connecticut	5.85	6.61	7.93	7.95	7.48	11.09
Delaware	7.64	7.36	7.36	8.02	8.29	8.46
District of Columbia	--	--	--	--	--	--
Florida	7.66	8.35	9.57	9.75	9.26	9.08
Georgia	5.40	5.83	7.26	9.14	6.60	8.08
Hawaii	26.27	25.94	32.23	23.50	28.56	33.60
Idaho	4.15	NA	4.82	9.69	5.15	3.02
Illinois	4.36	5.12	6.24	6.81	6.04	5.08
Indiana	5.74	5.88	6.02	7.14	6.66	6.05
Iowa	6.86	7.04	6.94	8.23	6.98	6.80
Kansas	7.49	8.40	7.58	8.68	7.16	8.14
Kentucky	4.88	5.24	6.31	6.88	6.16	6.72
Louisiana	5.16	5.66	5.62	6.57	5.56	6.25
Maine	11.27	11.66	10.00	11.34	8.82	6.78
Maryland	7.90	8.03	7.54	9.07	7.62	9.08
Massachusetts	7.81	7.40	9.05	8.98	9.11	11.13
Michigan	5.07	5.47	5.09	5.69	5.41	5.18
Minnesota	7.49	8.12	6.96	8.81	7.10	6.35
Mississippi	6.00	6.65	6.73	7.21	6.42	7.54
Missouri	5.51	6.19	5.84	6.55	5.39	5.78
Montana	5.60	5.79	5.87	6.58	6.61	5.31
Nebraska	7.42	8.09	7.07	7.84	5.94	6.08
Nevada	9.23	NA	9.10	18.15	8.29	6.43
New Hampshire	9.90	NA	9.44	10.88	7.64	7.56
New Jersey	6.62	7.54	6.42	6.67	7.05	7.70
New Mexico	NA	9.50	6.85	9.74	6.58	6.38
New York	5.53	5.80	6.89	7.95	7.19	7.65
North Carolina	3.22	4.26	6.48	6.51	5.03	7.52
North Dakota	6.15	6.79	7.11	8.80	9.69	9.70
Ohio	5.49	6.47	6.59	7.58	6.58	6.33
Oklahoma	8.92	9.37	8.13	8.91	8.70	7.91
Oregon	5.63	6.32	5.51	7.75	4.99	5.14
Pennsylvania	6.10	6.43	7.27	8.04	8.06	6.80
Rhode Island	13.36	6.32	7.71	7.26	6.08	7.94
South Carolina	5.02	5.91	8.32	9.76	6.78	8.38
South Dakota	6.29	6.99	6.97	8.49	7.81	6.93
Tennessee	NA	5.18	6.03	6.17	5.98	6.72
Texas	5.29	6.43	6.82	6.79	6.05	6.27
Utah	8.27	8.44	7.12	8.23	7.79	5.96
Vermont	6.15	6.67	6.26	7.42	6.82	6.91
Virginia	6.07	7.06	7.42	8.28	7.53	8.55
Washington	6.72	NA	6.46	7.88	6.21	5.44
West Virginia	6.46	7.18	6.25	7.60	7.00	7.02
Wisconsin	6.94	7.89	7.17	8.96	7.20	7.42
Wyoming	7.05	7.98	5.97	8.97	7.88	6.40
Total	6.55	7.15	6.89	8.12	6.72	6.79

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					
	September	August	July	June	May	April
Alabama	9.56	10.84	8.92	9.44	8.43	6.33
Alaska	8.32	8.33	8.75	8.73	8.34	8.13
Arizona	8.22	8.65	6.91	8.38	7.00	5.75
Arkansas	12.93	13.09	10.78	11.83	11.71	8.37
California	9.20	10.38	7.31	10.07	7.47	6.32
Colorado	9.45	9.34	7.96	9.25	7.51	5.56
Connecticut	13.85	14.20	12.14	14.24	9.48	8.43
Delaware	11.87	13.53	13.55	11.67	9.99	7.45
District of Columbia	--	--	--	--	--	--
Florida	11.27	12.74	10.59	11.00	10.56	9.70
Georgia	10.52	12.54	8.25	9.45	7.89	6.36
Hawaii	35.00	33.48	36.67	41.71	37.91	32.16
Idaho	3.06	2.25	4.03	4.50	5.09	4.34
Illinois	7.45	10.26	4.05	3.58	12.03	8.32
Indiana	8.31	9.08	8.52	8.58	7.13	6.16
Iowa	7.68	7.47	7.29	8.54	8.06	6.32
Kansas	13.46	11.62	8.69	10.64	9.39	7.44
Kentucky	9.67	9.52	7.41	10.49	9.32	5.70
Louisiana	7.03	6.71	5.44	6.33	5.59	5.13
Maine	10.64	13.27	11.16	12.62	10.49	7.38
Maryland	13.49	12.73	9.97	12.26	10.45	7.05
Massachusetts	17.49	19.89	18.96	17.30	14.29	8.42
Michigan	8.35	8.53	7.56	9.02	7.92	5.15
Minnesota	9.88	9.71	8.16	10.37	7.84	6.14
Mississippi	10.11	9.29	8.13	10.30	7.64	6.86
Missouri	7.79	7.86	7.02	7.90	6.45	5.13
Montana	7.00	9.42	8.01	7.97	6.32	6.19
Nebraska	9.81	9.74	7.64	10.31	8.74	7.38
Nevada	9.28	9.79	8.19	10.07	8.34	7.43
New Hampshire	12.99	12.89	10.36	13.88	10.69	6.82
New Jersey	7.87	6.47	6.40	8.03	7.57	6.91
New Mexico	7.90	8.66	7.28	8.27	7.57	6.11
New York	13.25	13.71	11.48	12.73	9.24	6.42
North Carolina	11.99	12.80	10.22	11.96	9.33	6.81
North Dakota	10.52	14.53	10.17	10.33	5.65	5.91
Ohio	8.80	9.61	9.55	7.94	7.45	5.82
Oklahoma	11.94	11.52	10.88	10.82	10.35	6.99
Oregon	5.52	6.31	6.65	6.58	6.66	5.41
Pennsylvania	10.35	9.63	9.84	10.77	9.06	6.63
Rhode Island	11.73	16.44	14.54	10.05	12.08	8.65
South Carolina	11.31	12.51	10.30	10.02	9.11	7.39
South Dakota	9.64	11.39	10.46	10.41	8.38	5.89
Tennessee	8.62	9.52	6.87	8.31	7.36	6.14
Texas	9.27	10.09	10.43	9.70	8.58	6.89
Utah	7.42	7.43	5.72	6.08	6.59	6.05
Vermont	7.37	7.65	6.54	6.99	6.39	5.72
Virginia	10.91	11.89	9.60	9.83	8.97	6.89
Washington	5.96	5.40	8.03	10.48	8.32	5.90
West Virginia	11.83	14.02	9.73	15.23	10.04	4.37
Wisconsin	11.28	11.03	8.56	10.53	8.72	6.18
Wyoming	8.63	11.76	6.96	8.11	5.67	5.93
Total	9.69	10.31	8.72	9.77	8.51	6.53

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		
	March	February	January
Alabama	5.02	5.66	4.42
Alaska	8.02	8.02	7.75
Arizona	5.24	5.86	5.97
Arkansas	6.83	7.77	6.96
California	5.86	6.04	7.92
Colorado	5.20	5.27	5.45
Connecticut	6.17	5.96	4.91
Delaware	6.02	5.61	5.09
District of Columbia	--	--	--
Florida	8.41	8.62	6.66
Georgia	5.25	4.96	4.98
Hawaii	31.73	27.31	25.27
Idaho	2.92	3.41	3.34
Illinois	6.22	5.35	4.89
Indiana	5.07	5.17	4.75
Iowa	6.60	6.11	5.89
Kansas	6.00	6.66	5.89
Kentucky	5.53	5.60	4.33
Louisiana	4.69	5.06	4.57
Maine	8.27	10.61	10.90
Maryland	6.14	6.29	5.26
Massachusetts	6.48	6.31	6.98
Michigan	4.15	4.58	3.70
Minnesota	5.59	6.21	5.90
Mississippi	6.14	5.49	4.77
Missouri	4.79	5.60	5.11
Montana	4.42	5.02	4.70
Nebraska	5.80	7.21	6.00
Nevada	5.50	6.03	6.84
New Hampshire	6.84	10.28	9.89
New Jersey	6.67	6.11	4.95
New Mexico	5.11	5.63	5.93
New York	4.80	5.10	5.49
North Carolina	5.28	5.74	4.59
North Dakota	4.45	5.87	5.94
Ohio	5.85	6.11	5.17
Oklahoma	7.00	7.59	7.24
Oregon	4.35	4.42	4.21
Pennsylvania	6.67	6.65	5.45
Rhode Island	5.23	7.53	7.01
South Carolina	6.30	6.97	5.36
South Dakota	5.23	5.87	5.64
Tennessee	4.81	5.80	4.70
Texas	5.28	5.48	5.10
Utah	6.28	6.98	7.43
Vermont	5.40	5.74	5.10
Virginia	5.62	6.24	5.16
Washington	5.42	5.08	6.05
West Virginia	4.42	4.95	3.85
Wisconsin	5.10	6.36	5.58
Wyoming	5.24	1.71	6.07
Total	5.55	5.77	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			2023		
	January	Total	December	November	October	September
Alabama	16.69	20.45	18.32	21.18	25.78	27.89
Alaska	10.82	11.35	10.89	11.12	11.38	12.44
Arizona	19.41	19.53	19.41	21.33	25.71	28.92
Arkansas	12.28	17.16	13.79	16.09	20.56	22.25
California	NA	NA	19.37	19.63	17.83	17.71
Colorado	9.44	11.84	9.89	10.48	11.96	14.65
Connecticut	14.39	18.85	15.35	15.73	20.58	26.76
Delaware	12.26	17.69	12.98	16.46	25.36	30.67
District of Columbia	14.88	16.79	13.62	16.43	21.19	23.32
Florida	21.39	24.72	21.20	25.37	29.23	31.28
Georgia	13.20	20.15	14.65	17.58	27.67	36.00
Hawaii	45.30	53.10	49.24	49.15	49.98	56.20
Idaho	8.03	9.74	8.13	8.69	9.43	14.44
Illinois	6.54	11.54	9.58	9.48	14.02	22.70
Indiana	8.20	NA	9.24	9.86	11.89	NA
Iowa	7.60	11.64	8.04	8.48	10.32	16.69
Kansas	8.94	NA	NA	10.21	14.30	21.28
Kentucky	10.10	15.68	11.71	11.63	16.78	27.87
Louisiana	11.87	16.30	14.09	16.01	20.92	23.11
Maine	NA	NA	16.48	NA	NA	NA
Maryland	14.52	17.29	14.46	13.99	19.01	23.67
Massachusetts	20.74	21.29	22.16	17.20	16.44	19.13
Michigan	9.52	11.54	10.17	10.20	11.55	15.74
Minnesota	8.66	NA	8.69	7.69	NA	15.75
Mississippi	10.63	NA	12.97	13.96	20.53	25.33
Missouri	14.38	17.18	15.40	17.86	24.92	29.78
Montana	8.05	10.16	8.61	8.74	10.77	13.61
Nebraska	8.66	13.04	9.65	11.29	18.48	22.19
Nevada	19.62	16.97	19.55	21.56	24.63	26.55
New Hampshire	18.83	NA	18.59	21.96	27.18	29.86
New Jersey	12.32	13.55	12.39	13.16	14.83	16.44
New Mexico	8.67	10.84	9.35	11.58	16.27	16.50
New York	14.55	16.90	14.69	16.28	19.97	20.97
North Carolina	13.44	17.53	14.45	15.27	22.15	26.03
North Dakota	6.51	9.76	6.75	7.47	13.63	23.58
Ohio	8.98	13.75	10.00	11.63	19.77	35.91
Oklahoma	8.62	14.91	10.04	16.00	29.22	32.53
Oregon	14.13	15.77	16.05	15.63	16.37	20.55
Pennsylvania	11.71	15.42	11.69	12.29	15.50	22.06
Rhode Island	18.66	20.52	18.91	21.09	24.59	26.94
South Carolina	13.92	17.55	14.55	14.18	19.47	23.94
South Dakota	7.78	10.31	8.09	7.44	9.57	15.41
Tennessee	NA	NA	NA	NA	NA	NA
Texas	12.39	17.60	15.01	17.07	24.50	29.72
Utah	14.26	13.45	14.39	14.28	15.59	16.10
Vermont	15.32	17.13	15.67	17.34	22.67	27.18
Virginia	13.74	NA	13.67	14.05	15.47	NA
Washington	15.22	15.58	15.54	15.25	16.91	19.06
West Virginia	NA	NA	NA	13.76	19.47	30.85
Wisconsin	9.14	10.93	8.95	8.82	9.65	14.31
Wyoming	10.08	13.65	11.07	12.39	17.45	23.86
Total	11.82	15.23	12.94	13.37	16.71	21.86

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					
	August	July	June	May	April	March
Alabama	27.87	27.03	25.95	23.08	20.45	20.27
Alaska	14.26	14.28	13.38	12.00	11.16	10.81
Arizona	29.64	27.64	25.55	23.45	19.72	17.77
Arkansas	19.85	20.79	19.63	16.18	14.14	20.02
California	18.17	17.16	16.67	16.62	18.02	17.56
Colorado	15.48	15.29	14.22	12.83	11.28	10.74
Connecticut	25.93	25.42	23.86	22.08	19.40	18.19
Delaware	32.43	30.04	26.14	20.94	17.65	17.29
District of Columbia	24.71	23.00	19.84	18.13	15.29	13.53
Florida	32.57	30.81	28.26	25.97	22.84	23.04
Georgia	36.63	35.02	32.21	24.02	17.68	17.88
Hawaii	58.43	55.09	55.02	52.42	54.71	52.44
Idaho	14.47	13.71	14.80	11.63	10.17	9.71
Illinois	24.86	22.57	19.06	13.87	10.51	9.16
Indiana	23.52	20.72	22.56	14.02	9.92	10.23
Iowa	22.08	17.72	17.07	13.47	11.01	11.45
Kansas	27.08	26.86	27.34	NA	17.26	15.10
Kentucky	28.96	27.65	26.04	21.59	16.87	14.08
Louisiana	23.44	21.68	19.66	17.90	16.34	13.86
Maine	NA	NA	NA	19.20	19.40	19.21
Maryland	24.70	23.66	21.05	17.41	15.98	15.40
Massachusetts	20.11	18.88	18.19	20.04	21.27	21.77
Michigan	16.17	16.34	15.34	12.84	11.31	10.79
Minnesota	15.39	18.11	18.12	18.31	12.49	11.70
Mississippi	26.75	24.43	22.99	NA	16.78	15.08
Missouri	31.25	30.55	27.16	20.99	16.96	15.98
Montana	14.03	11.91	11.24	9.82	9.75	10.21
Nebraska	22.27	21.07	19.24	13.78	11.44	11.55
Nevada	27.38	23.81	20.40	18.85	15.32	13.71
New Hampshire	32.96	31.68	NA	18.72	15.48	16.76
New Jersey	17.22	16.40	15.26	14.28	13.23	11.91
New Mexico	16.14	14.92	12.92	9.05	5.14	8.93
New York	22.69	21.74	19.70	16.70	15.81	16.04
North Carolina	25.88	28.20	25.97	18.34	17.71	15.68
North Dakota	25.15	25.35	19.12	9.94	8.07	8.37
Ohio	37.88	35.50	31.98	17.89	12.81	11.01
Oklahoma	34.13	30.28	24.15	16.45	15.48	13.72
Oregon	22.60	23.03	20.74	21.56	15.91	13.87
Pennsylvania	24.21	23.26	21.39	16.86	15.09	15.24
Rhode Island	27.18	25.90	23.90	21.94	20.10	19.39
South Carolina	26.67	25.92	23.88	20.17	17.43	15.47
South Dakota	17.86	16.04	14.06	10.98	9.32	9.81
Tennessee	18.31	17.78	15.42	11.90	9.14	8.80
Texas	31.68	28.44	25.18	24.04	17.65	14.18
Utah	16.89	15.85	15.98	14.15	12.98	12.66
Vermont	27.75	26.78	22.12	18.31	16.08	15.23
Virginia	25.99	24.55	22.24	20.99	18.09	15.63
Washington	22.25	22.72	19.93	18.49	15.41	14.09
West Virginia	36.60	NA	NA	21.17	16.57	13.87
Wisconsin	16.72	16.38	14.26	9.19	7.43	11.66
Wyoming	25.04	21.26	19.05	14.58	13.09	12.71
Total	23.23	21.98	20.11	16.70	14.40	13.76

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	
	February	January	Total	December	November	October
Alabama	19.09	18.06	17.36	18.23	19.75	23.51
Alaska	10.78	10.72	11.08	10.57	10.78	11.18
Arizona	16.68	16.10	17.81	16.40	17.44	22.55
Arkansas	16.26	18.33	16.78	18.53	18.91	24.23
California	24.68	NA	20.15	22.65	20.24	20.47
Colorado	12.05	13.24	12.72	13.02	15.54	17.64
Connecticut	17.83	19.43	18.36	18.79	20.15	22.83
Delaware	16.84	16.35	15.00	16.99	18.89	20.91
District of Columbia	17.64	17.47	16.68	16.53	17.62	23.56
Florida	22.20	20.63	26.21	23.80	26.75	32.32
Georgia	16.47	15.93	18.06	13.96	16.21	25.43
Hawaii	56.13	48.51	57.46	45.96	55.14	62.05
Idaho	9.91	8.89	7.97	8.67	8.34	9.62
Illinois	10.69	11.16	13.80	12.23	16.29	20.71
Indiana	11.77	11.48	11.60	11.37	11.47	13.62
Iowa	13.07	12.56	13.04	11.07	9.81	12.66
Kansas	13.40	13.89	14.37	13.70	13.77	18.79
Kentucky	15.47	16.49	14.58	14.47	15.61	19.70
Louisiana	14.16	15.18	15.84	14.47	16.52	21.51
Maine	19.95	20.45	20.73	20.75	21.29	23.73
Maryland	18.96	18.72	16.97	17.59	18.42	20.50
Massachusetts	23.23	23.00	20.45	22.64	21.59	21.26
Michigan	11.51	11.70	11.31	12.03	12.42	13.64
Minnesota	13.62	12.84	12.12	13.55	11.19	13.29
Mississippi	15.42	15.63	14.59	14.02	15.58	20.37
Missouri	15.36	14.27	14.29	13.62	15.18	21.15
Montana	10.74	10.53	10.42	10.64	11.66	14.23
Nebraska	13.39	13.33	12.83	12.46	13.68	20.29
Nevada	13.66	13.62	12.72	13.10	14.95	17.67
New Hampshire	22.19	23.83	20.51	24.85	26.93	29.67
New Jersey	13.56	14.23	12.53	14.41	15.11	15.38
New Mexico	11.32	14.05	12.51	11.39	13.15	20.20
New York	16.57	17.20	16.34	16.73	19.26	21.90
North Carolina	17.51	18.97	17.20	16.52	20.67	21.95
North Dakota	9.69	10.00	10.90	10.50	11.07	19.15
Ohio	10.82	11.28	13.07	11.56	13.66	18.80
Oklahoma	12.90	12.04	14.76	12.11	20.93	34.12
Oregon	13.59	14.61	12.83	13.51	13.18	14.53
Pennsylvania	16.36	16.20	14.94	15.61	16.99	18.33
Rhode Island	19.41	19.53	18.17	20.03	20.16	21.40
South Carolina	19.31	18.33	15.67	12.72	16.41	18.27
South Dakota	11.55	11.05	10.99	9.01	9.35	12.65
Tennessee	10.41	10.68	12.46	11.65	14.54	19.18
Texas	13.72	15.75	16.52	15.73	16.80	26.07
Utah	12.19	12.48	10.48	11.78	11.07	13.03
Vermont	15.05	15.95	15.51	16.35	18.85	20.19
Virginia	18.94	18.66	16.10	15.65	17.00	19.82
Washington	14.03	14.09	12.83	13.15	12.85	13.64
West Virginia	13.93	13.35	12.08	12.71	11.70	12.84
Wisconsin	12.01	12.76	11.34	12.37	11.11	11.41
Wyoming	12.95	12.93	13.40	13.64	15.80	21.00
Total	14.98	15.25	14.75	14.68	15.55	18.61

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					
	September	August	July	June	May	April
Alabama	26.11	25.49	25.05	24.10	20.56	17.17
Alaska	12.26	13.31	14.27	14.25	11.99	11.09
Arizona	26.37	26.86	26.23	24.17	21.75	18.40
Arkansas	26.75	27.70	26.38	22.95	19.69	15.26
California	21.56	21.53	20.17	21.60	19.45	18.25
Colorado	21.76	22.23	22.26	16.07	13.71	11.80
Connecticut	28.94	31.68	28.63	26.33	20.84	17.66
Delaware	28.53	29.66	27.37	23.55	16.63	13.75
District of Columbia	28.04	29.96	27.16	24.66	19.42	16.80
Florida	36.00	36.28	32.44	29.99	26.63	24.72
Georgia	37.27	32.16	39.71	33.34	24.80	16.91
Hawaii	59.66	58.45	63.79	65.60	64.54	55.30
Idaho	11.56	9.81	10.66	9.59	8.02	7.43
Illinois	27.96	31.29	31.73	25.68	19.13	12.55
Indiana	18.43	23.05	23.66	23.21	14.00	11.87
Iowa	20.30	21.58	20.40	22.99	20.06	14.06
Kansas	30.75	32.02	30.47	31.53	21.76	14.22
Kentucky	30.04	33.74	31.34	28.19	23.21	13.38
Louisiana	26.75	28.53	25.63	25.85	22.66	17.29
Maine	33.71	40.80	36.92	30.94	23.80	20.13
Maryland	28.99	30.93	30.16	26.79	20.34	16.61
Massachusetts	24.18	25.26	24.77	21.90	21.06	22.18
Michigan	17.26	19.40	17.23	16.20	15.04	11.35
Minnesota	20.59	22.41	19.31	20.77	16.20	11.25
Mississippi	27.01	27.82	25.76	25.41	24.41	15.21
Missouri	27.51	29.76	28.04	24.40	17.16	13.55
Montana	16.37	17.29	15.59	12.81	10.56	9.53
Nebraska	27.32	26.90	26.55	21.64	14.31	11.30
Nevada	18.63	18.83	17.47	15.71	14.29	12.85
New Hampshire	35.10	31.44	27.55	23.59	21.37	19.58
New Jersey	15.65	16.44	16.31	14.53	12.37	11.50
New Mexico	23.47	23.38	23.30	22.08	15.67	10.90
New York	28.19	26.13	26.17	24.55	17.58	14.82
North Carolina	25.98	27.11	30.29	27.06	26.34	17.77
North Dakota	30.62	33.34	30.38	20.23	11.75	9.24
Ohio	32.13	36.77	36.92	33.69	19.36	12.27
Oklahoma	37.01	36.57	30.45	26.58	21.82	15.43
Oregon	17.78	18.98	18.57	15.44	13.41	11.99
Pennsylvania	24.54	26.88	23.38	21.64	16.25	13.80
Rhode Island	23.93	24.76	23.31	21.43	18.55	17.50
South Carolina	26.51	27.12	28.38	28.91	27.55	18.38
South Dakota	17.11	18.19	18.38	16.40	12.36	9.75
Tennessee	22.79	19.97	26.24	24.13	16.09	11.37
Texas	31.35	33.10	29.17	27.26	24.69	17.12
Utah	13.06	13.07	11.82	10.33	9.44	9.85
Vermont	26.52	27.47	24.39	21.82	16.12	14.27
Virginia	25.95	27.87	26.86	25.06	19.40	21.43
Washington	17.23	18.46	17.85	15.15	12.84	11.91
West Virginia	18.26	23.17	22.09	21.00	15.23	11.70
Wisconsin	19.40	21.23	19.11	19.44	14.59	10.07
Wyoming	26.58	28.31	24.65	16.54	13.10	12.06
Total	24.50	25.34	24.55	22.50	17.67	13.97

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	2022		
	March	February	January
Alabama	15.34	14.40	15.11
Alaska	10.66	10.59	10.28
Arizona	15.93	15.25	15.00
Arkansas	14.78	14.60	14.62
California	18.30	18.77	19.89
Colorado	10.16	9.83	9.59
Connecticut	16.30	15.60	15.20
Delaware	12.59	12.05	12.14
District of Columbia	14.78	13.58	13.75
Florida	23.42	21.13	22.22
Georgia	15.11	12.25	13.31
Hawaii	57.92	53.88	50.50
Idaho	7.36	6.92	6.78
Illinois	11.78	10.04	10.20
Indiana	10.80	9.71	9.22
Iowa	15.36	12.97	10.80
Kansas	13.04	11.62	11.08
Kentucky	13.20	11.43	10.75
Louisiana	12.55	12.91	11.02
Maine	19.06	17.25	18.29
Maryland	14.70	14.46	13.35
Massachusetts	19.60	18.92	18.07
Michigan	10.14	9.49	8.76
Minnesota	10.79	10.62	9.96
Mississippi	12.41	10.89	11.10
Missouri	12.47	11.85	12.07
Montana	9.23	9.09	9.18
Nebraska	10.28	10.84	10.71
Nevada	10.83	10.31	9.87
New Hampshire	16.87	16.39	18.54
New Jersey	11.31	10.80	11.03
New Mexico	10.07	9.88	10.70
New York	14.13	13.07	13.82
North Carolina	18.87	14.66	13.56
North Dakota	8.37	8.65	8.70
Ohio	10.53	9.44	9.06
Oklahoma	11.43	10.57	11.19
Oregon	11.92	10.91	11.16
Pennsylvania	13.37	12.94	12.54
Rhode Island	16.98	16.40	16.48
South Carolina	17.20	16.11	11.15
South Dakota	10.97	11.64	10.79
Tennessee	11.67	10.13	10.49
Texas	12.85	11.77	13.72
Utah	9.68	9.81	9.82
Vermont	13.37	12.99	12.83
Virginia	14.32	13.27	12.71
Washington	12.12	11.77	11.66
West Virginia	11.05	10.65	10.67
Wisconsin	8.64	10.53	9.67
Wyoming	11.08	11.04	10.93
Total	12.94	12.14	12.04

^{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	
	January	Total	December	November	October	September
Alabama	13.94	15.28	14.28	14.91	15.77	16.16
Alaska	10.17	10.38	10.26	10.39	10.54	10.92
Arizona	13.49	12.28	13.27	13.36	12.34	13.70
Arkansas	8.75	11.65	9.32	9.90	8.49	9.06
California	14.74	NA	15.06	14.93	12.42	13.09
Colorado	8.13	10.22	8.65	9.01	10.12	11.03
Connecticut	9.44	12.37	9.53	10.12	12.30	12.83
Delaware	9.93	14.41	10.37	12.65	16.34	17.07
District of Columbia	13.30	14.28	12.04	16.06	13.30	13.54
Florida	12.76	13.43	13.12	13.45	13.60	13.50
Georgia	9.66	10.88	9.93	11.46	10.12	10.16
Hawaii	34.21	39.95	37.00	35.87	36.40	43.38
Idaho	7.29	8.74	7.38	7.74	7.84	10.27
Illinois	5.83	9.88	8.13	8.07	10.72	16.25
Indiana	6.55	NA	7.24	7.24	7.07	NA
Iowa	6.17	9.17	6.33	6.67	6.16	8.12
Kansas	8.02	NA	NA	8.96	11.00	16.36
Kentucky	8.40	12.40	9.42	9.71	11.32	13.32
Louisiana	11.54	10.99	11.50	11.28	10.75	10.11
Maine	12.85	NA	13.74	12.38	NA	NA
Maryland	12.48	14.03	12.28	11.15	12.45	13.53
Massachusetts	15.49	15.52	16.40	12.10	9.98	10.49
Michigan	8.55	10.05	9.07	9.00	9.44	11.73
Minnesota	7.28	NA	7.42	6.47	NA	10.32
Mississippi	10.11	12.03	11.20	11.01	11.22	11.06
Missouri	11.54	13.25	12.39	13.50	15.28	15.87
Montana	7.77	9.81	8.21	8.10	10.33	11.62
Nebraska	7.47	9.93	7.76	7.78	8.30	8.78
Nevada	16.13	13.79	16.08	16.74	17.76	18.41
New Hampshire	13.92	NA	14.29	16.75	19.33	22.24
New Jersey	10.34	NA	10.42	11.42	10.74	NA
New Mexico	7.04	7.96	7.73	8.20	8.91	6.27
New York	10.79	9.72	9.81	8.76	8.54	7.14
North Carolina	9.71	11.33	10.69	10.31	10.35	10.33
North Dakota	6.07	7.87	5.78	5.76	6.31	7.56
Ohio	6.47	NA	6.76	6.94	7.45	NA
Oklahoma	7.00	11.44	7.70	11.29	16.02	17.25
Oregon	11.14	12.22	12.13	11.62	13.23	13.84
Pennsylvania	9.76	NA	9.39	9.44	10.75	12.85
Rhode Island	15.24	17.37	15.24	17.64	21.56	23.29
South Carolina	10.10	NA	10.79	9.66	10.20	10.45
South Dakota	6.37	8.10	6.29	5.52	5.88	7.65
Tennessee	NA	NA	NA	NA	NA	NA
Texas	8.96	9.86	9.30	9.58	9.81	9.96
Utah	12.88	11.85	12.96	12.51	12.71	12.74
Vermont	7.42	7.53	7.21	6.97	5.74	6.26
Virginia	9.67	NA	9.77	9.22	8.83	NA
Washington	13.17	12.83	13.32	12.87	13.19	13.46
West Virginia	NA	NA	NA	11.65	14.81	16.44
Wisconsin	7.73	8.64	7.44	7.28	6.74	8.97
Wyoming	8.72	11.16	9.30	9.57	10.57	11.83
Total	9.43	10.92	9.83	9.68	10.07	10.86

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					
	August	July	June	May	April	March
Alabama	16.04	16.07	15.84	15.61	15.30	15.58
Alaska	11.34	11.60	11.36	10.50	10.13	10.03
Arizona	12.86	12.51	12.57	12.67	11.89	11.85
Arkansas	9.33	9.87	9.54	10.19	10.22	14.95
California	13.24	12.16	11.54	11.35	13.52	17.50
Colorado	10.62	11.01	11.21	10.37	9.68	9.47
Connecticut	12.49	12.87	13.25	13.96	12.92	12.67
Delaware	17.68	17.05	16.08	15.21	14.63	15.03
District of Columbia	13.73	14.05	13.36	13.45	13.51	12.16
Florida	13.41	13.67	13.50	13.39	13.23	13.05
Georgia	10.21	10.62	9.77	9.64	9.84	10.81
Hawaii	43.99	40.31	40.91	39.52	42.04	39.73
Idaho	10.40	10.31	10.74	10.11	9.34	9.10
Illinois	16.80	16.30	15.40	12.09	9.16	8.28
Indiana	11.47	10.69	10.90	9.07	8.05	8.08
Iowa	8.98	8.89	8.26	9.03	8.80	9.81
Kansas	15.63	15.50	15.66	16.46	14.13	13.01
Kentucky	14.97	15.10	15.52	13.96	13.27	12.11
Louisiana	10.10	9.89	9.73	9.55	11.34	9.82
Maine	NA	NA	NA	13.75	15.99	16.88
Maryland	13.92	14.03	12.88	12.23	12.54	13.74
Massachusetts	11.24	12.29	11.70	14.14	16.02	16.10
Michigan	12.16	12.47	11.59	10.50	9.94	9.70
Minnesota	10.29	11.62	11.83	15.64	10.86	10.73
Mississippi	12.29	11.79	11.97	10.54	11.76	11.93
Missouri	16.41	16.79	15.58	13.97	12.96	13.02
Montana	11.95	10.45	10.15	9.40	9.53	10.05
Nebraska	8.93	8.63	8.35	8.02	8.56	10.12
Nevada	18.95	16.32	14.45	14.17	12.29	10.76
New Hampshire	24.02	23.54	NA	14.25	10.83	12.65
New Jersey	NA	NA	NA	9.31	8.68	10.08
New Mexico	6.19	5.61	5.16	4.55	3.33	7.82
New York	7.25	7.18	7.60	8.21	9.81	11.22
North Carolina	10.42	9.52	12.31	9.97	11.23	10.34
North Dakota	7.76	7.86	7.33	6.51	6.98	8.12
Ohio	9.30	9.01	8.84	7.91	7.39	7.25
Oklahoma	17.27	16.65	14.50	11.37	12.11	11.52
Oregon	13.80	14.09	13.32	13.49	12.06	12.14
Pennsylvania	14.17	14.40	13.98	11.76	NA	13.01
Rhode Island	23.65	22.77	20.67	18.00	16.59	16.48
South Carolina	10.61	10.65	10.57	10.07	11.26	10.52
South Dakota	9.27	7.69	7.45	7.65	7.75	8.29
Tennessee	9.77	8.96	8.22	7.80	7.63	8.02
Texas	10.35	9.92	9.05	9.33	9.17	8.68
Utah	12.99	12.71	12.81	12.18	11.90	11.46
Vermont	5.91	5.85	7.08	7.56	7.61	8.33
Virginia	10.57	10.83	10.32	10.56	10.69	10.09
Washington	13.68	14.26	13.29	14.06	12.09	12.58
West Virginia	16.87	16.44	15.58	15.29	13.69	12.37
Wisconsin	7.49	7.65	6.90	5.58	5.29	10.02
Wyoming	11.99	11.65	12.11	11.65	11.48	11.38
Total	11.02	10.83	10.65	10.44	10.41	10.93

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				2022	
	February	January	Total	December	November	October
Alabama	15.33	14.78	13.52	14.36	15.50	15.92
Alaska	9.99	10.05	10.13	9.95	10.08	10.33
Arizona	11.31	11.13	10.81	11.01	11.12	11.91
Arkansas	12.45	14.60	12.80	13.76	13.70	13.62
California	22.37	NA	16.13	18.76	15.56	15.46
Colorado	10.64	12.02	11.38	11.82	13.78	15.26
Connecticut	13.00	13.80	12.85	13.70	14.02	16.03
Delaware	14.72	14.58	12.37	14.88	14.38	14.20
District of Columbia	16.52	16.32	15.05	15.37	15.43	18.32
Florida	13.60	13.72	14.18	13.62	13.78	16.10
Georgia	11.40	13.15	11.39	11.31	13.16	12.87
Hawaii	44.52	36.88	44.12	33.80	39.75	46.32
Idaho	9.39	8.38	7.10	8.15	7.79	7.82
Illinois	9.63	10.08	12.20	11.21	14.54	17.48
Indiana	9.94	9.96	9.50	9.87	9.59	10.30
Iowa	11.59	11.28	11.09	10.18	8.62	9.62
Kansas	12.45	12.97	12.33	12.65	12.39	15.82
Kentucky	13.14	14.35	12.17	12.88	13.53	15.62
Louisiana	12.42	13.15	13.02	13.11	13.09	14.26
Maine	17.92	18.29	16.57	18.42	17.40	16.80
Maryland	16.93	16.77	14.12	15.37	15.31	15.78
Massachusetts	18.05	17.84	15.56	17.72	16.94	16.20
Michigan	10.20	10.77	10.00	11.04	11.32	12.22
Minnesota	12.24	11.89	10.59	11.76	9.44	10.93
Mississippi	13.13	14.10	12.20	12.98	13.21	14.18
Missouri	12.60	12.06	11.25	11.59	12.12	13.38
Montana	10.58	10.48	10.22	10.47	11.34	13.32
Nebraska	11.95	12.25	10.31	11.07	10.52	12.80
Nevada	11.89	11.08	9.39	10.61	11.23	10.96
New Hampshire	17.27	18.47	16.24	19.75	21.27	23.05
New Jersey	11.16	13.46	13.08	14.13	14.32	14.76
New Mexico	13.24	8.74	10.34	9.92	11.41	13.75
New York	11.39	11.95	10.31	11.51	10.52	11.20
North Carolina	12.45	14.64	12.35	13.14	15.39	14.49
North Dakota	9.69	10.19	9.62	10.51	9.90	11.46
Ohio	7.68	8.08	8.39	8.44	8.65	10.64
Oklahoma	11.25	10.45	11.66	10.22	15.80	21.49
Oregon	10.27	12.65	10.33	12.07	11.80	10.45
Pennsylvania	NA	14.06	12.27	13.23	13.75	12.89
Rhode Island	16.85	16.70	15.29	16.87	16.99	18.48
South Carolina	13.06	NA	12.15	10.79	12.12	12.00
South Dakota	10.01	9.79	9.25	8.15	8.11	9.38
Tennessee	10.09	10.49	11.53	11.58	13.11	14.50
Texas	10.38	11.62	11.56	12.21	11.80	13.82
Utah	11.03	11.09	8.92	10.58	9.61	9.64
Vermont	8.76	9.54	8.73	10.09	8.94	8.75
Virginia	13.52	NA	11.54	12.61	12.98	13.34
Washington	12.17	12.36	10.63	11.72	11.05	10.25
West Virginia	12.32	12.12	9.69	11.43	9.30	9.64
Wisconsin	10.40	11.18	9.55	11.30	9.39	8.77
Wyoming	11.62	11.68	11.07	12.29	13.28	14.43
Total	11.97	12.41	11.32	11.99	11.87	12.84

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					
	September	August	July	June	May	April
Alabama	15.13	14.78	14.46	14.31	13.63	13.14
Alaska	10.76	11.33	11.68	11.50	10.47	9.98
Arizona	11.87	11.68	11.61	11.48	11.07	10.57
Arkansas	14.01	14.82	14.15	13.25	12.97	12.25
California	17.24	17.03	15.61	17.21	14.72	14.12
Colorado	16.70	15.45	16.40	12.42	11.29	10.57
Connecticut	16.95	16.99	16.16	15.43	13.99	11.68
Delaware	15.20	15.99	15.50	14.70	13.04	11.65
District of Columbia	19.15	18.81	18.05	18.44	16.21	15.36
Florida	16.35	15.91	14.24	13.93	13.57	13.37
Georgia	14.88	13.33	14.30	12.86	11.50	10.74
Hawaii	45.90	44.71	49.43	51.66	50.06	43.94
Idaho	8.35	7.77	7.55	7.28	6.80	6.54
Illinois	21.70	24.48	24.50	21.91	16.82	11.76
Indiana	11.41	14.41	13.76	12.09	10.46	9.68
Iowa	12.94	11.49	11.96	15.31	15.29	12.00
Kansas	21.22	17.97	20.62	17.95	15.08	11.34
Kentucky	17.98	19.87	18.59	16.81	15.67	10.77
Louisiana	15.14	16.71	14.64	15.22	14.49	12.18
Maine	20.59	21.91	20.14	19.47	17.72	16.00
Maryland	19.04	19.89	19.01	17.58	15.79	13.70
Massachusetts	15.57	14.42	16.91	15.61	16.26	17.22
Michigan	14.37	14.44	13.38	13.40	12.12	9.66
Minnesota	15.14	15.92	13.55	15.13	13.13	9.45
Mississippi	15.34	14.39	13.52	14.07	14.51	12.21
Missouri	14.49	14.91	14.75	13.58	11.83	10.69
Montana	14.26	14.53	14.43	12.15	10.37	9.35
Nebraska	15.03	13.66	14.32	12.85	9.84	8.81
Nevada	10.71	10.84	10.55	10.15	9.56	9.15
New Hampshire	25.84	23.01	20.64	17.51	18.23	15.81
New Jersey	15.38	15.14	14.85	16.67	13.50	11.60
New Mexico	13.90	13.80	14.34	13.61	10.61	8.75
New York	12.75	10.71	10.34	10.97	9.97	9.48
North Carolina	12.79	13.05	12.86	14.94	10.61	10.68
North Dakota	13.95	14.45	11.28	12.27	9.40	8.30
Ohio	12.47	12.49	11.20	9.97	10.21	8.19
Oklahoma	22.33	22.69	20.60	17.29	13.97	12.34
Oregon	11.17	11.62	11.74	11.00	10.22	9.64
Pennsylvania	17.34	16.06	14.47	15.38	12.12	11.78
Rhode Island	20.66	21.14	20.20	18.18	15.37	14.32
South Carolina	14.79	13.54	13.08	14.55	12.50	11.73
South Dakota	10.46	11.07	11.81	11.17	9.88	7.97
Tennessee	14.93	13.13	16.58	14.62	12.57	9.78
Texas	14.94	14.73	13.16	13.27	12.85	11.26
Utah	9.63	9.23	8.58	8.04	7.75	8.38
Vermont	9.63	9.56	8.40	9.42	8.99	8.22
Virginia	13.76	13.59	13.79	13.19	11.93	10.28
Washington	11.23	10.90	11.12	10.18	10.02	9.87
West Virginia	10.92	11.74	11.46	11.57	10.48	9.25
Wisconsin	13.03	13.10	12.53	12.19	10.85	8.72
Wyoming	14.96	15.28	14.36	11.83	10.44	10.07
Total	14.54	14.14	13.50	13.45	12.07	10.60

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		
	March	February	January
Alabama	12.58	12.28	12.07
Alaska	9.83	9.74	9.61
Arizona	10.13	9.87	9.83
Arkansas	11.87	11.80	12.82
California	14.97	15.14	17.13
Colorado	9.36	9.18	9.06
Connecticut	11.01	10.58	10.49
Delaware	10.71	10.52	10.52
District of Columbia	13.69	12.81	12.91
Florida	13.48	13.48	13.50
Georgia	10.57	9.85	9.49
Hawaii	44.83	41.08	37.67
Idaho	6.53	6.21	6.22
Illinois	10.35	9.10	9.27
Indiana	9.11	8.53	8.01
Iowa	13.40	11.52	9.82
Kansas	11.41	10.42	10.10
Kentucky	10.76	9.70	9.27
Louisiana	10.64	11.99	10.75
Maine	15.61	14.59	15.53
Maryland	12.25	12.52	11.30
Massachusetts	14.97	14.20	14.09
Michigan	9.09	8.52	7.94
Minnesota	9.16	9.19	10.31
Mississippi	10.22	10.50	10.23
Missouri	10.02	10.10	10.33
Montana	9.12	8.96	9.12
Nebraska	8.99	9.72	9.58
Nevada	7.99	7.96	7.71
New Hampshire	13.13	12.80	14.68
New Jersey	12.54	12.36	11.77
New Mexico	8.69	8.89	9.61
New York	9.61	9.75	9.70
North Carolina	12.05	11.60	10.38
North Dakota	8.28	8.95	8.96
Ohio	7.43	7.05	6.91
Oklahoma	9.60	9.04	9.39
Oregon	8.97	8.66	9.00
Pennsylvania	11.20	11.30	10.60
Rhode Island	14.17	13.71	13.77
South Carolina	11.60	15.70	9.31
South Dakota	9.32	10.15	9.52
Tennessee	10.45	9.58	10.03
Texas	9.97	9.49	9.16
Utah	8.48	8.56	8.53
Vermont	8.04	8.60	7.64
Virginia	9.95	10.46	9.66
Washington	9.89	9.90	10.98
West Virginia	9.05	8.81	8.86
Wisconsin	7.29	9.53	8.67
Wyoming	9.61	9.54	9.56
Total	10.21	10.02	9.82

^{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
	January	Total	December	November	October	September
Alabama	5.11	4.20	4.18	4.33	4.27	4.09
Alaska	6.96	NA	NA	6.92	6.50	6.33
Arizona	7.43	NA	NA	NA	7.42	7.73
Arkansas	9.51	9.68	9.18	8.77	7.81	7.63
California	13.29	NA	12.95	12.52	9.74	10.40
Colorado	6.35	8.48	6.97	7.50	9.21	8.81
Connecticut	8.07	8.71	7.22	7.09	7.48	7.96
Delaware	10.18	NA	10.88	14.22	15.70	NA
District of Columbia	--	--	--	--	--	--
Florida	5.91	5.92	7.18	5.00	5.58	5.04
Georgia	4.98	5.43	4.99	5.29	5.15	4.88
Hawaii	28.19	28.48	29.44	30.00	31.60	31.78
Idaho	5.51	6.65	5.39	5.32	5.20	7.35
Illinois	5.04	7.41	6.26	5.70	6.88	9.68
Indiana	5.72	8.05	6.04	5.43	8.80	7.04
Iowa	5.54	6.83	5.79	5.49	4.83	5.11
Kansas	NA	NA	4.73	4.31	4.47	4.26
Kentucky	4.01	4.27	4.06	4.33	3.79	3.58
Louisiana	3.59	NA	3.64	3.86	3.73	NA
Maine	10.93	10.47	11.37	11.05	6.29	6.04
Maryland	12.07	NA	12.16	10.09	9.64	12.53
Massachusetts	14.41	13.37	15.78	10.79	7.93	8.43
Michigan	7.52	8.86	7.58	7.90	8.24	8.61
Minnesota	5.14	5.91	5.01	4.53	4.36	4.80
Mississippi	4.82	5.01	4.79	4.65	4.42	4.38
Missouri	8.95	9.26	8.62	8.30	8.13	7.80
Montana	6.80	7.90	6.83	6.38	7.28	7.40
Nebraska	5.34	5.67	5.15	4.40	4.31	4.41
Nevada	12.89	11.74	12.93	13.53	14.33	13.94
New Hampshire	11.92	NA	11.85	13.85	11.41	12.75
New Jersey	8.63	9.10	8.43	8.18	7.39	6.79
New Mexico	6.89	NA	6.40	NA	5.50	2.33
New York	13.20	10.89	11.61	9.50	9.29	8.01
North Carolina	6.40	6.66	6.25	5.98	5.71	5.65
North Dakota	3.74	3.34	2.92	2.89	2.86	2.87
Ohio	NA	7.72	7.67	8.37	7.66	6.89
Oklahoma	4.04	3.17	3.37	3.33	2.66	2.49
Oregon	7.55	7.98	7.48	7.83	8.39	8.21
Pennsylvania	8.93	NA	9.52	9.26	9.43	9.97
Rhode Island	11.47	12.76	11.10	12.37	13.27	13.12
South Carolina	5.93	5.13	5.72	5.57	5.07	4.80
South Dakota	4.48	5.30	3.80	3.43	4.11	4.62
Tennessee	NA	NA	NA	NA	NA	4.15
Texas	3.10	2.72	2.66	2.84	2.71	2.67
Utah	8.94	9.99	9.97	9.45	8.85	9.38
Vermont	5.06	5.69	5.02	5.01	4.61	6.60
Virginia	4.91	5.31	4.45	4.44	4.97	3.89
Washington	11.38	11.41	11.31	11.22	11.78	10.94
West Virginia	NA	NA	NA	4.64	4.95	NA
Wisconsin	6.33	NA	6.12	5.21	4.37	6.00
Wyoming	6.09	NA	6.18	6.18	6.36	7.91
Total	4.96	4.59	4.58	4.40	4.14	3.90

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					
	August	July	June	May	April	March
Alabama	4.00	4.20	3.64	3.53	3.66	3.93
Alaska	6.40	6.18	6.15	6.40	6.02	6.53
Arizona	5.63	6.97	6.73	6.63	6.23	6.59
Arkansas	8.15	8.60	8.08	8.83	9.14	12.41
California	10.71	9.57	9.20	9.21	11.52	15.86
Colorado	10.58	9.43	9.84	8.34	7.19	7.11
Connecticut	6.52	6.89	9.16	7.99	9.06	10.78
Delaware	NA	NA	NA	14.51	14.51	14.31
District of Columbia	--	--	--	--	--	--
Florida	5.39	5.27	4.81	4.56	5.07	6.97
Georgia	4.73	6.17	4.55	4.54	4.87	5.44
Hawaii	28.82	27.71	27.33	28.71	29.54	30.94
Idaho	7.30	7.37	7.50	7.58	7.32	7.31
Illinois	8.38	7.62	8.57	6.77	6.59	6.47
Indiana	7.50	8.16	7.69	7.65	7.30	8.34
Iowa	6.05	6.26	5.97	5.93	6.17	7.62
Kansas	4.32	4.68	4.71	4.20	4.56	6.53
Kentucky	3.47	3.59	3.14	3.22	3.72	4.46
Louisiana	NA	3.52	2.61	2.87	2.80	3.28
Maine	6.00	5.55	6.59	7.03	11.58	13.55
Maryland	13.35	13.17	11.42	10.18	10.41	NA
Massachusetts	10.95	8.94	9.32	11.92	14.82	14.99
Michigan	8.42	8.52	8.68	8.59	8.86	8.79
Minnesota	4.68	3.69	3.15	5.22	5.94	6.45
Mississippi	4.61	5.67	4.17	4.24	4.28	4.61
Missouri	7.67	7.45	7.64	8.32	9.29	10.69
Montana	6.29	7.44	7.06	7.07	8.20	8.42
Nebraska	4.38	4.02	3.95	3.87	4.95	7.18
Nevada	14.03	12.70	12.14	12.06	10.39	8.50
New Hampshire	15.20	15.84	NA	6.64	14.67	11.12
New Jersey	6.71	7.09	6.66	7.06	7.37	8.63
New Mexico	2.00	1.76	1.81	1.81	NA	NA
New York	7.05	7.45	8.52	8.77	10.31	12.27
North Carolina	5.61	5.51	5.67	5.65	6.46	6.71
North Dakota	2.29	2.30	2.04	1.94	2.36	4.15
Ohio	6.57	6.97	6.91	7.36	6.48	7.62
Oklahoma	2.45	2.63	2.00	2.08	2.28	3.01
Oregon	8.31	8.28	8.22	8.27	8.22	8.27
Pennsylvania	10.25	10.05	8.85	10.21	NA	12.14
Rhode Island	14.52	13.12	12.89	12.77	12.87	12.60
South Carolina	4.79	4.96	4.20	4.28	4.21	4.84
South Dakota	5.18	5.10	4.55	4.63	4.59	6.29
Tennessee	4.10	NA	NA	3.93	4.32	5.39
Texas	2.71	2.77	2.35	2.10	2.09	2.47
Utah	9.64	9.39	8.88	8.75	9.78	11.49
Vermont	5.49	5.21	4.94	4.93	5.07	6.56
Virginia	4.02	4.61	3.60	4.80	6.14	6.15
Washington	11.23	11.14	11.47	11.32	12.14	11.26
West Virginia	4.32	4.32	2.60	4.02	4.26	4.72
Wisconsin	5.19	4.88	5.69	NA	4.92	9.00
Wyoming	NA	NA	9.18	9.27	9.17	9.65
Total	3.78	3.93	3.60	3.59	4.08	5.05

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
	February	January	Total	December	November	October
Alabama	4.72	5.78	7.87	7.65	6.60	7.36
Alaska	6.65	6.78	6.72	6.74	6.79	6.52
Arizona	7.66	8.01	7.48	6.97	6.59	8.38
Arkansas	12.23	12.69	10.46	11.50	11.21	10.09
California	21.81	NA	13.73	16.96	13.61	13.28
Colorado	7.71	11.57	10.12	10.03	12.66	14.56
Connecticut	11.23	11.58	10.37	11.87	11.17	11.42
Delaware	13.93	11.98	12.05	14.51	14.72	12.58
District of Columbia	--	--	--	--	--	--
Florida	7.03	9.05	9.38	9.01	9.51	11.87
Georgia	6.49	7.68	9.02	9.40	8.07	9.57
Hawaii	20.36	29.64	34.62	31.63	30.07	38.79
Idaho	7.36	6.24	5.06	6.28	5.75	5.88
Illinois	7.94	9.52	9.17	9.94	12.45	13.69
Indiana	10.11	9.70	8.42	10.30	8.65	9.73
Iowa	9.78	10.84	8.66	9.25	7.80	8.19
Kansas	NA	10.71	8.36	9.92	8.48	9.06
Kentucky	5.33	7.28	7.84	8.57	7.36	8.38
Louisiana	4.20	5.45	6.79	4.91	7.07	9.91
Maine	14.72	14.80	12.93	15.41	15.35	12.31
Maryland	NA	17.01	12.22	15.23	12.86	12.46
Massachusetts	16.42	16.57	14.41	17.52	16.19	14.85
Michigan	9.69	10.09	9.11	10.56	10.54	11.28
Minnesota	8.69	9.49	8.43	8.75	7.59	7.86
Mississippi	4.92	8.62	8.38	8.52	7.41	8.50
Missouri	10.65	10.73	9.81	10.08	9.68	10.69
Montana	9.46	9.67	9.14	9.62	10.70	11.17
Nebraska	8.69	9.21	8.02	7.81	7.77	9.86
Nevada	8.87	12.02	8.23	8.01	8.91	9.63
New Hampshire	16.04	16.54	13.19	15.20	16.10	16.36
New Jersey	9.81	12.48	11.46	12.30	12.16	12.54
New Mexico	NA	8.56	9.62	8.64	10.61	11.00
New York	13.42	13.54	11.30	13.03	11.98	12.11
North Carolina	8.12	10.54	9.27	10.23	10.67	10.44
North Dakota	5.79	7.16	6.75	8.06	5.74	5.48
Ohio	8.44	9.00	10.78	11.66	11.04	12.55
Oklahoma	4.25	6.99	7.38	7.31	4.97	5.79
Oregon	5.96	8.57	6.34	8.61	8.15	6.29
Pennsylvania	12.98	12.75	11.17	12.94	13.14	12.86
Rhode Island	12.82	13.00	10.99	12.75	11.32	10.36
South Carolina	4.74	8.11	8.92	9.37	7.51	8.84
South Dakota	7.62	7.72	7.49	6.60	6.68	8.96
Tennessee	6.07	6.78	8.00	8.15	7.31	8.30
Texas	2.87	4.49	6.57	6.23	4.79	5.53
Utah	10.56	12.79	7.97	10.65	8.18	7.71
Vermont	6.83	7.32	6.69	8.19	7.01	7.39
Virginia	6.49	9.09	7.53	7.40	7.08	6.93
Washington	11.33	11.47	9.61	11.20	10.28	9.06
West Virginia	5.26	6.48	6.77	8.10	5.34	5.61
Wisconsin	10.12	10.28	8.55	10.62	9.75	7.00
Wyoming	9.67	9.74	8.60	10.95	10.80	10.72
Total	5.98	7.27	7.66	8.04	6.74	7.16

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					
	September	August	July	June	May	April
Alabama	10.14	12.02	9.67	9.31	8.63	6.95
Alaska	5.97	6.54	6.66	6.77	6.75	6.69
Arizona	8.04	7.91	7.71	7.25	6.92	6.64
Arkansas	10.43	10.61	10.77	9.93	9.86	10.02
California	14.61	14.36	13.37	14.20	12.27	11.70
Colorado	14.23	13.84	13.65	11.19	10.08	8.30
Connecticut	12.28	11.25	10.34	10.92	10.47	9.34
Delaware	13.75	12.03	15.20	14.93	13.35	11.63
District of Columbia	--	--	--	--	--	--
Florida	11.82	10.76	13.04	9.37	8.87	7.61
Georgia	12.41	12.93	9.57	10.61	8.66	7.15
Hawaii	33.91	34.88	39.17	41.31	37.96	35.42
Idaho	6.00	5.97	4.53	4.39	4.44	4.36
Illinois	15.00	15.97	14.63	13.45	8.95	7.59
Indiana	8.61	7.50	8.03	7.82	8.65	8.78
Iowa	9.53	8.19	7.85	9.19	8.92	8.58
Kansas	9.67	8.50	8.50	8.85	7.47	6.26
Kentucky	10.67	10.08	7.83	9.63	8.22	6.30
Louisiana	9.05	6.67	8.60	7.61	5.76	5.15
Maine	14.10	11.81	11.56	12.62	10.76	12.30
Maryland	14.87	15.26	15.44	11.87	12.23	11.29
Massachusetts	13.35	14.34	15.35	14.24	14.92	14.79
Michigan	10.64	9.97	10.41	10.19	10.38	8.29
Minnesota	10.78	10.69	9.00	12.02	9.30	7.36
Mississippi	10.47	11.01	8.35	9.95	9.08	7.10
Missouri	11.35	10.57	11.10	10.68	10.11	9.17
Montana	10.59	11.13	10.71	9.53	8.55	7.95
Nebraska	10.22	8.37	10.46	8.88	6.67	6.20
Nevada	9.64	9.43	8.99	8.84	8.58	8.05
New Hampshire	15.97	12.52	11.54	10.62	13.41	13.13
New Jersey	13.47	12.31	12.65	13.81	12.42	9.86
New Mexico	11.06	10.32	11.43	10.88	7.88	6.99
New York	12.20	11.89	11.27	12.14	10.99	10.43
North Carolina	9.60	10.52	9.12	9.36	7.89	7.82
North Dakota	8.34	8.45	6.63	8.36	7.28	5.43
Ohio	14.25	13.77	11.42	14.01	12.31	11.20
Oklahoma	9.29	8.41	7.20	9.49	7.58	5.79
Oregon	7.32	7.22	6.52	6.58	6.36	6.09
Pennsylvania	12.49	12.49	12.05	10.94	10.27	9.88
Rhode Island	10.72	11.42	11.22	10.92	10.97	10.87
South Carolina	12.32	12.22	9.04	10.42	8.36	7.01
South Dakota	11.12	10.39	10.48	5.21	6.50	5.60
Tennessee	10.53	9.78	8.63	10.05	8.32	6.81
Texas	8.81	8.56	6.82	8.90	7.52	5.74
Utah	8.69	8.27	7.27	7.97	7.40	7.10
Vermont	6.92	7.21	6.64	7.31	6.73	5.97
Virginia	9.39	8.31	9.02	10.30	9.11	6.59
Washington	9.14	8.96	9.26	8.44	8.95	9.61
West Virginia	8.58	8.70	6.99	8.85	7.24	5.42
Wisconsin	11.44	12.29	6.54	8.20	10.07	8.04
Wyoming	10.98	11.10	9.83	8.31	8.33	8.16
Total	9.58	9.40	7.85	9.30	8.08	6.68

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		
	March	February	January
Alabama	5.71	6.58	5.38
Alaska	6.89	6.89	6.92
Arizona	7.39	7.68	8.57
Arkansas	10.36	9.73	10.59
California	12.93	13.04	14.32
Colorado	7.31	7.00	6.80
Connecticut	8.73	9.17	8.78
Delaware	11.00	10.08	10.53
District of Columbia	--	--	--
Florida	8.20	6.64	7.99
Georgia	6.73	7.91	6.59
Hawaii	32.53	30.84	27.90
Idaho	4.44	4.29	4.24
Illinois	7.73	7.13	7.92
Indiana	7.86	7.59	7.71
Iowa	9.42	8.76	8.42
Kansas	6.70	8.25	7.82
Kentucky	5.97	7.28	5.63
Louisiana	6.59	4.77	5.90
Maine	12.34	12.23	12.26
Maryland	10.46	12.00	10.22
Massachusetts	13.57	13.11	12.82
Michigan	8.25	7.88	7.44
Minnesota	7.06	7.89	7.48
Mississippi	6.25	8.02	6.30
Missouri	9.38	9.29	8.86
Montana	8.10	8.05	8.42
Nebraska	7.27	7.43	7.14
Nevada	7.22	6.99	6.92
New Hampshire	11.62	11.67	13.41
New Jersey	10.91	10.88	11.14
New Mexico	7.61	8.22	8.59
New York	10.54	10.65	11.09
North Carolina	8.28	8.66	8.27
North Dakota	5.10	5.98	6.51
Ohio	8.82	8.65	7.36
Oklahoma	6.06	8.89	8.02
Oregon	4.35	4.43	4.54
Pennsylvania	10.39	10.28	10.35
Rhode Island	10.45	10.52	10.44
South Carolina	7.19	7.69	7.10
South Dakota	7.71	8.50	8.37
Tennessee	6.31	7.15	6.19
Texas	4.67	6.30	4.87
Utah	7.03	7.28	8.14
Vermont	5.71	6.32	5.56
Virginia	6.22	6.25	5.90
Washington	9.44	9.96	9.05
West Virginia	5.27	7.14	4.85
Wisconsin	6.27	8.61	7.67
Wyoming	7.59	7.53	7.58
Total	6.18	7.32	6.47

-- 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		
	January	Total	December	November	October	September
Alabama	W	3.09	W	W	W	W
Alaska	8.28	7.97	8.36	8.20	8.14	8.07
Arizona	W	4.35	3.53	W	W	W
Arkansas	W	W	W	W	W	W
California	6.46	7.83	5.37	6.15	W	4.52
Colorado	W	W	W	W	W	W
Connecticut	W	3.78	4.07	3.58	1.86	1.88
Delaware	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--
Florida	W	W	W	W	W	W
Georgia	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--
Idaho	6.86	6.13	3.76	4.91	4.76	2.84
Illinois	6.74	2.54	W	W	W	W
Indiana	W	3.07	W	2.91	2.80	3.54
Iowa	3.76	3.10	2.23	2.40	2.86	3.29
Kansas	6.73	3.06	3.20	3.77	3.05	2.87
Kentucky	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W
Maine	W	W	W	W	W	W
Maryland	W	2.98	W	W	3.28	3.20
Massachusetts	12.83	7.15	8.99	4.62	1.77	1.79
Michigan	4.14	2.81	2.68	3.12	2.60	2.65
Minnesota	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W
Missouri	W	W	W	W	W	W
Montana	4.09	2.39	1.53	2.33	2.34	2.62
Nebraska	8.95	3.34	5.63	5.89	3.06	3.12
Nevada	4.61	7.49	5.85	5.52	3.09	3.84
New Hampshire	W	W	W	W	W	W
New Jersey	6.46	2.12	2.32	2.44	1.49	1.75
New Mexico	3.93	2.69	2.34	2.15	2.33	2.54
New York	5.77	3.00	3.28	3.26	1.94	2.02
North Carolina	W	W	W	W	W	W
North Dakota	3.57	3.73	3.57	3.10	3.48	3.43
Ohio	3.76	2.31	2.34	2.49	2.04	2.02
Oklahoma	W	W	W	W	W	W
Oregon	W	W	W	W	W	W
Pennsylvania	4.19	2.14	2.23	2.34	1.64	1.62
Rhode Island	W	W	W	W	W	W
South Carolina	6.35	4.07	4.54	4.03	3.48	3.89
South Dakota	3.49	2.88	2.94	3.18	2.95	2.79
Tennessee	3.88	2.77	2.91	2.75	2.73	2.53
Texas	4.03	2.58	2.41	2.64	2.71	2.67
Utah	6.05	8.21	6.79	5.84	3.47	3.92
Vermont	--	--	--	--	--	--
Virginia	5.26	3.41	3.70	3.94	2.82	2.60
Washington	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W
Wisconsin	W	W	W	W	W	W
Wyoming	W	W	W	W	W	W
Total	5.07	3.49	3.42	3.52	3.02	2.95

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					
	August	July	June	May	April	March
Alabama	W	W	W	W	W	W
Alaska	8.20	8.28	8.07	8.11	8.15	8.05
Arizona	W	W	W	W	2.87	W
Arkansas	W	W	W	W	W	W
California	5.95	5.47	W	W	W	W
Colorado	W	W	W	W	W	W
Connecticut	2.25	3.35	2.59	1.93	2.07	4.45
Delaware	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--
Florida	W	W	W	W	W	W
Georgia	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--
Idaho	3.91	3.62	2.58	--	--	5.94
Illinois	2.55	2.53	W	W	2.20	W
Indiana	W	W	2.59	2.66	W	W
Iowa	3.57	3.48	2.99	2.29	2.44	2.91
Kansas	3.01	2.90	2.43	2.02	2.26	2.93
Kentucky	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W
Maine	--	W	W	--	W	--
Maryland	W	W	2.34	2.50	2.34	W
Massachusetts	1.79	4.75	2.80	5.47	2.50	W
Michigan	2.64	2.70	2.55	2.54	2.71	2.88
Minnesota	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W
Missouri	W	W	W	W	W	W
Montana	2.60	2.21	2.15	2.09	2.23	2.64
Nebraska	2.95	3.07	2.67	2.73	2.79	3.71
Nevada	4.68	4.05	3.03	2.99	4.52	5.76
New Hampshire	W	W	W	W	W	W
New Jersey	1.43	1.83	1.57	1.60	1.90	2.54
New Mexico	2.71	2.43	2.24	1.74	1.72	2.35
New York	1.90	2.51	2.02	1.89	2.22	3.77
North Carolina	W	W	W	W	W	W
North Dakota	3.64	3.45	3.30	3.72	3.58	4.12
Ohio	2.15	2.18	1.94	1.95	2.11	2.52
Oklahoma	W	W	W	W	W	W
Oregon	W	W	W	W	W	W
Pennsylvania	1.47	1.83	1.58	1.70	1.94	2.40
Rhode Island	W	W	W	W	W	W
South Carolina	3.96	3.95	3.85	3.39	3.25	3.93
South Dakota	2.90	2.93	2.67	2.45	2.56	2.82
Tennessee	2.50	2.53	2.24	2.14	2.45	2.89
Texas	2.67	2.66	2.36	2.22	2.17	2.51
Utah	4.60	3.72	2.94	2.92	4.71	6.08
Vermont	--	--	--	--	--	--
Virginia	2.31	2.60	2.60	3.15	3.84	4.06
Washington	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W
Wisconsin	W	W	W	W	W	W
Wyoming	W	W	W	W	W	W
Total	3.02	3.07	2.67	2.63	2.81	3.51

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		
	February	January	Total	December	November	October
Alabama	3.01	W	W	W	W	W
Alaska	8.06	5.88	5.59	5.95	6.18	5.97
Arizona	W	W	8.68	18.64	W	6.13
Arkansas	W	W	W	W	W	W
California	W	28.12	10.22	27.30	9.18	7.40
Colorado	W	W	W	8.48	W	W
Connecticut	W	W	9.11	W	6.51	5.81
Delaware	--	--	W	--	--	--
District of Columbia	--	--	--	--	--	--
Florida	W	W	W	W	W	W
Georgia	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--
Idaho	8.75	20.56	10.13	29.67	9.32	5.02
Illinois	W	W	6.91	7.89	W	W
Indiana	3.65	4.40	6.56	6.54	5.45	W
Iowa	3.53	4.37	6.03	6.10	5.43	5.42
Kansas	5.15	6.20	7.05	9.32	5.29	5.30
Kentucky	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W
Maine	--	W	W	W	W	--
Maryland	W	W	8.57	W	W	W
Massachusetts	19.17	24.57	W	22.80	W	5.59
Michigan	3.06	3.93	6.86	6.53	W	6.21
Minnesota	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W
Missouri	W	W	W	W	W	W
Montana	2.35	3.13	4.31	4.94	4.95	2.33
Nebraska	3.44	4.34	8.35	9.11	6.62	6.03
Nevada	10.50	36.81	8.26	16.76	7.37	5.94
New Hampshire	W	W	W	W	W	W
New Jersey	5.04	3.53	7.14	11.75	5.13	5.04
New Mexico	3.37	6.26	6.69	8.27	5.39	4.24
New York	6.10	6.61	7.58	10.57	6.16	5.25
North Carolina	W	W	W	W	W	W
North Dakota	4.22	5.77	9.14	12.17	7.41	9.61
Ohio	2.60	3.55	6.34	5.97	4.92	5.26
Oklahoma	W	W	W	W	W	W
Oregon	W	W	W	W	W	W
Pennsylvania	3.11	3.97	6.29	7.79	4.74	4.87
Rhode Island	W	W	W	W	W	W
South Carolina	5.18	5.99	7.31	10.77	6.16	5.75
South Dakota	2.84	3.85	7.72	6.92	7.08	5.88
Tennessee	3.53	4.84	5.84	6.10	4.84	5.48
Texas	2.63	3.32	6.52	5.34	4.74	5.24
Utah	11.69	41.91	8.53	14.25	7.26	5.98
Vermont	--	--	W	--	--	--
Virginia	5.53	5.20	7.32	8.89	5.87	5.98
Washington	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W
Wisconsin	W	W	5.97	6.32	5.33	5.28
Wyoming	W	W	W	13.30	W	W
Total	4.64	7.50	7.51	9.53	5.96	6.03

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					
	September	August	July	June	May	April
Alabama	W	W	W	W	W	W
Alaska	5.22	5.27	5.96	5.74	5.89	5.51
Arizona	W	W	W	W	8.32	W
Arkansas	W	W	W	W	W	W
California	10.62	10.44	8.21	W	W	7.15
Colorado	W	W	W	W	8.16	W
Connecticut	7.54	8.71	7.82	8.11	7.89	6.81
Delaware	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--
Florida	W	W	W	W	W	W
Georgia	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--
Idaho	8.16	8.36	6.04	7.72	8.29	7.29
Illinois	W	8.63	7.13	7.65	8.28	W
Indiana	W	8.65	7.49	7.92	8.09	W
Iowa	6.40	7.39	6.57	6.86	6.69	5.34
Kansas	7.58	8.40	7.24	7.78	8.04	6.63
Kentucky	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W
Maine	--	W	W	W	W	W
Maryland	8.56	9.94	9.72	9.16	8.75	W
Massachusetts	W	9.84	9.71	8.39	7.82	7.20
Michigan	7.95	9.01	7.62	8.17	8.38	6.62
Minnesota	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W
Missouri	W	W	W	W	W	W
Montana	4.13	2.17	5.00	5.30	6.62	6.09
Nebraska	8.63	9.22	7.95	8.61	8.59	8.44
Nevada	9.07	8.85	7.36	9.13	7.58	6.43
New Hampshire	W	W	W	W	W	W
New Jersey	7.38	8.61	7.28	7.23	7.80	6.38
New Mexico	7.55	8.06	6.78	8.24	7.44	6.76
New York	7.76	8.24	7.30	7.68	7.93	6.55
North Carolina	W	W	W	W	W	W
North Dakota	12.94	14.06	10.94	10.35	8.08	7.65
Ohio	7.65	8.64	6.96	7.95	7.97	6.48
Oklahoma	W	W	W	W	W	W
Oregon	W	W	W	W	W	W
Pennsylvania	7.20	8.15	6.66	7.22	7.17	5.86
Rhode Island	W	W	W	W	W	W
South Carolina	7.66	8.79	8.46	7.67	7.29	5.49
South Dakota	8.61	9.02	7.44	8.70	8.63	6.89
Tennessee	7.28	7.71	6.36	7.13	6.49	5.06
Texas	7.63	8.52	7.12	7.61	7.80	6.30
Utah	8.97	8.77	12.38	8.80	8.02	6.28
Vermont	--	--	--	--	--	--
Virginia	7.94	8.89	7.41	7.98	8.01	6.60
Washington	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W
Wisconsin	6.70	7.04	6.12	6.23	6.34	5.26
Wyoming	9.48	W	8.72	W	8.42	W
Total	8.46	9.33	7.76	8.23	7.79	6.45

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		
	March	February	January
Alabama	W	W	W
Alaska	5.51	5.48	5.91
Arizona	W	W	W
Arkansas	W	W	W
California	5.50	6.04	7.46
Colorado	W	W	W
Connecticut	7.60	W	17.10
Delaware	W	W	--
District of Columbia	--	--	--
Florida	W	W	W
Georgia	W	W	W
Hawaii	--	--	--
Idaho	5.19	4.40	6.91
Illinois	W	W	W
Indiana	W	W	W
Iowa	4.21	4.75	4.68
Kansas	5.41	7.63	5.97
Kentucky	W	W	W
Louisiana	W	W	W
Maine	W	--	W
Maryland	5.49	W	W
Massachusetts	W	21.60	24.10
Michigan	5.02	4.97	4.51
Minnesota	W	6.88	W
Mississippi	W	W	W
Missouri	W	W	W
Montana	4.41	4.31	3.93
Nebraska	7.55	7.96	7.00
Nevada	5.34	5.75	7.45
New Hampshire	W	W	W
New Jersey	4.93	5.64	8.07
New Mexico	4.84	5.29	5.21
New York	5.21	7.43	9.86
North Carolina	W	W	W
North Dakota	8.10	4.89	55.69
Ohio	4.73	5.07	4.26
Oklahoma	W	W	W
Oregon	W	W	W
Pennsylvania	4.33	5.28	5.61
Rhode Island	W	W	W
South Carolina	5.09	5.86	7.06
South Dakota	5.37	5.75	5.75
Tennessee	4.06	4.59	4.01
Texas	4.93	5.49	4.47
Utah	5.13	5.79	8.43
Vermont	--	--	--
Virginia	5.30	6.93	6.60
Washington	W	W	W
West Virginia	6.76	W	W
Wisconsin	4.62	5.62	5.78
Wyoming	10.65	-1.45	W
Total	5.32	6.26	6.97

^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						2023		
	January			Total			December		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	82.9	31.0	100.0	76.3	27.6	100.0	78.2	29.9
Alaska	100.0	99.6	88.7	100.0	99.6	NA	100.0	99.7	NA
Arizona	100.0	83.6	19.4	NA	81.0	NA	100.0	81.8	NA
Arkansas	100.0	50.3	1.7	100.0	37.4	1.4	100.0	42.3	1.6
California	NA	55.8	4.8	NA	NA	NA	95.9	56.5	5.0
Colorado	100.0	95.7	14.7	100.0	94.5	11.4	100.0	95.7	14.1
Connecticut	97.4	80.5	63.7	96.7	77.6	59.9	97.3	79.6	62.8
Delaware	100.0	53.9	0.4	100.0	49.3	NA	100.0	51.3	0.3
District of Columbia	73.5	23.5	0.0	74.2	22.9	0.0	73.0	24.4	0.0
Florida	92.0	32.6	NA	94.0	31.4	3.2	94.0	30.6	2.9
Georgia	100.0	100.0	22.7	100.0	100.0	21.0	100.0	100.0	21.4
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	76.8	4.8	100.0	77.4	3.9	100.0	83.1	4.3
Illinois	NA	42.2	9.4	89.5	32.9	5.4	92.3	36.5	7.0
Indiana	97.0	73.9	3.1	NA	NA	1.9	97.0	73.2	2.4
Iowa	100.0	68.6	3.2	100.0	60.6	2.4	100.0	65.6	2.8
Kansas	100.0	67.5	NA	NA	NA	NA	NA	NA	1.6
Kentucky	98.3	84.6	14.7	98.1	77.4	15.1	98.4	82.8	15.0
Louisiana	100.0	77.8	2.0	100.0	73.0	NA	100.0	75.0	1.7
Maine	100.0	67.3	12.0	NA	NA	NA	100.0	66.4	12.8
Maryland	81.9	30.6	6.9	80.7	25.3	NA	82.9	31.1	4.4
Massachusetts	99.0	43.4	33.5	98.8	37.4	27.2	98.9	45.5	27.1
Michigan	96.3	69.5	9.0	95.9	61.5	6.1	95.7	64.4	7.3
Minnesota	100.0	90.4	17.1	NA	NA	NA	100.0	90.2	16.8
Mississippi	100.0	83.4	6.5	NA	75.7	8.0	100.0	80.1	7.0
Missouri	100.0	74.0	15.2	100.0	68.8	11.0	100.0	66.6	13.5
Montana	99.9	53.3	1.9	99.8	49.1	1.6	99.9	50.8	1.8
Nebraska	87.4	58.3	6.2	87.5	52.4	NA	86.6	54.6	5.7
Nevada	100.0	70.7	NA	100.0	64.7	NA	100.0	68.3	25.2
New Hampshire	100.0	58.8	NA	100.0	NA	NA	100.0	57.6	NA
New Jersey	97.9	52.6	8.9	97.8	NA	NA	97.9	48.5	5.8
New Mexico	100.0	65.2	15.5	NA	61.5	NA	100.0	59.4	20.0
New York	100.0	100.0	6.2	100.0	100.0	5.0	100.0	100.0	6.3
North Carolina	100.0	92.1	19.1	100.0	86.5	15.8	100.0	90.3	18.7
North Dakota	100.0	95.7	31.0	100.0	94.0	31.9	100.0	95.0	35.5
Ohio	100.0	100.0	NA	100.0	NA	0.9	100.0	100.0	1.1
Oklahoma	100.0	48.9	6.4	100.0	46.2	5.9	100.0	44.5	5.8
Oregon	100.0	97.1	19.5	100.0	96.1	19.9	100.0	96.8	20.3
Pennsylvania	88.6	39.6	1.6	88.5	NA	NA	88.4	38.0	1.2
Rhode Island	100.0	59.5	6.4	100.0	56.6	6.6	100.0	57.6	7.2
South Carolina	100.0	92.2	36.1	100.0	NA	36.7	100.0	90.0	35.3
South Dakota	100.0	80.8	5.1	100.0	76.6	4.1	100.0	79.0	6.7
Tennessee	NA	NA	NA	NA	NA	NA	NA	NA	NA
Texas	99.9	80.4	28.8	99.7	68.9	28.7	99.9	74.4	29.6
Utah	100.0	73.8	3.3	100.0	66.2	2.6	100.0	71.8	2.8
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	91.3	60.0	17.3	NA	NA	NA	91.4	58.7	15.6
Washington	100.0	90.9	NA	100.0	87.7	NA	100.0	89.8	NA
West Virginia	NA	NA	NA	NA	NA	NA	NA	NA	NA
Wisconsin	100.0	71.7	20.6	99.5	61.4	NA	100.0	66.1	19.0
Wyoming	65.3	54.5	1.2	67.3	54.0	NA	66.5	54.7	1.0
Total	96.7	70.9	14.1	96.9	65.3	13.1	97.2	68.7	13.7

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								
	November			October			September		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	72.6	28.6	100.0	68.1	27.1	100.0	68.8	28.6
Alaska	100.0	99.7	86.8	100.0	99.6	82.3	100.0	99.7	80.9
Arizona	100.0	79.3	NA	NA	79.3	23.0	100.0	77.5	18.3
Arkansas	100.0	30.7	1.6	100.0	26.3	1.3	100.0	24.4	1.3
California	96.2	52.3	5.2	95.8	47.6	6.1	95.6	45.6	3.5
Colorado	100.0	94.8	12.1	100.0	94.4	7.6	100.0	90.8	8.0
Connecticut	96.1	76.7	57.8	95.3	71.6	59.4	95.9	68.9	57.6
Delaware	100.0	41.9	0.2	100.0	36.2	0.2	100.0	34.8	NA
District of Columbia	71.0	22.6	0.0	75.3	18.9	0.0	70.6	16.2	0.0
Florida	93.8	31.7	3.9	94.7	33.0	2.9	94.7	29.0	3.2
Georgia	100.0	100.0	21.2	100.0	100.0	20.7	100.0	100.0	19.7
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	77.4	4.2	100.0	76.3	3.4	100.0	54.7	2.9
Illinois	91.0	35.7	5.3	93.2	30.1	4.7	86.7	20.5	1.9
Indiana	96.6	71.0	2.0	96.4	68.9	1.4	NA	NA	0.9
Iowa	100.0	60.0	3.1	100.0	57.8	2.8	100.0	46.1	1.8
Kansas	100.0	54.6	3.3	100.0	39.4	4.2	100.0	30.8	10.8
Kentucky	98.9	79.8	15.3	99.1	72.1	15.0	98.6	67.7	14.3
Louisiana	100.0	71.8	1.8	100.0	69.2	1.7	100.0	72.0	NA
Maine	100.0	61.4	11.6	100.0	NA	11.2	100.0	NA	13.3
Maryland	82.3	26.6	4.0	80.7	20.5	0.7	80.9	18.2	0.8
Massachusetts	99.1	41.3	25.5	98.9	31.8	23.4	98.9	27.5	21.1
Michigan	96.5	65.9	6.7	96.5	58.2	4.0	95.9	44.3	2.5
Minnesota	100.0	87.2	22.1	NA	NA	17.7	100.0	74.0	12.3
Mississippi	100.0	76.7	8.1	100.0	74.1	8.0	100.0	70.8	7.4
Missouri	100.0	63.4	10.1	100.0	53.7	7.9	100.0	58.0	9.1
Montana	99.9	52.0	1.7	99.8	29.1	0.9	99.7	27.0	0.8
Nebraska	86.3	45.3	5.0	87.1	38.2	4.6	89.5	37.6	4.4
Nevada	100.0	59.8	NA	100.0	53.3	NA	100.0	53.9	NA
New Hampshire	100.0	53.4	NA	100.0	49.2	NA	100.0	48.4	NA
New Jersey	97.9	41.9	3.9	97.9	36.0	1.7	97.9	NA	1.5
New Mexico	100.0	46.7	NA	NA	54.9	21.8	100.0	50.2	30.1
New York	100.0	100.0	4.0	100.0	100.0	3.2	100.0	100.0	3.0
North Carolina	100.0	89.5	16.7	100.0	85.8	16.0	100.0	82.6	14.6
North Dakota	100.0	94.7	32.9	100.0	93.2	17.5	100.0	89.5	13.0
Ohio	100.0	100.0	1.4	100.0	100.0	1.0	100.0	NA	0.6
Oklahoma	100.0	33.1	6.1	100.0	24.2	5.8	100.0	29.8	6.1
Oregon	100.0	96.6	20.9	100.0	96.1	18.6	100.0	94.0	21.2
Pennsylvania	89.9	36.2	0.7	88.3	30.8	0.5	88.8	25.9	0.3
Rhode Island	100.0	57.5	6.1	100.0	54.9	5.5	100.0	56.1	5.5
South Carolina	100.0	88.4	37.4	100.0	84.3	37.3	100.0	83.5	35.5
South Dakota	100.0	75.6	6.1	100.0	66.8	2.8	100.0	64.4	1.8
Tennessee	NA	NA	NA	NA	NA	NA	NA	NA	21.5
Texas	99.9	70.2	30.4	99.7	66.0	29.0	98.7	60.1	29.4
Utah	100.0	64.9	3.0	100.0	53.7	2.6	100.0	51.3	2.6
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	92.5	59.2	9.9	90.9	54.1	13.0	NA	NA	7.8
Washington	100.0	89.6	7.3	100.0	85.1	5.5	100.0	81.6	4.8
West Virginia	100.0	54.3	3.0	100.0	43.8	3.3	100.0	31.3	NA
Wisconsin	100.0	65.6	18.2	100.0	55.3	16.5	100.0	32.2	9.0
Wyoming	66.2	52.4	0.6	66.7	46.6	0.2	69.0	44.9	0.3
Total	97.1	66.1	13.8	97.3	61.2	13.0	96.7	55.9	12.4

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	2023								
	August			July			June		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	68.5	26.6	100.0	69.9	26.1	100.0	71.3	26.3
Alaska	100.0	99.7	82.1	100.0	99.7	81.4	100.0	99.5	80.0
Arizona	100.0	77.1	21.3	100.0	78.4	18.2	100.0	77.7	21.2
Arkansas	100.0	23.7	1.3	100.0	22.3	1.4	100.0	24.1	1.1
California	95.3	46.5	3.7	95.8	47.8	3.9	95.8	53.3	4.7
Colorado	100.0	91.4	6.9	100.0	93.8	7.6	100.0	94.3	8.4
Connecticut	95.5	66.9	62.8	96.1	67.8	59.9	96.0	70.7	55.5
Delaware	100.0	35.7	NA	100.0	37.2	NA	100.0	40.7	NA
District of Columbia	73.6	20.7	0.0	68.4	14.1	0.0	73.5	20.1	0.0
Florida	95.3	29.7	2.9	95.0	31.3	2.7	94.8	30.9	3.2
Georgia	100.0	100.0	20.9	100.0	100.0	19.5	100.0	100.0	20.9
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	55.0	3.9	100.0	58.1	3.3	100.0	60.1	3.6
Illinois	88.0	20.9	2.4	88.8	19.2	2.5	87.0	18.9	2.2
Indiana	96.4	57.7	0.9	96.8	59.5	0.9	96.6	62.1	0.9
Iowa	100.0	39.3	1.9	100.0	38.9	1.8	100.0	43.8	2.2
Kansas	100.0	23.6	15.7	100.0	26.7	8.9	100.0	31.7	3.6
Kentucky	98.7	65.3	15.2	98.6	64.6	15.4	98.3	64.7	14.0
Louisiana	100.0	73.5	NA	100.0	72.4	1.7	100.0	73.5	2.2
Maine	NA	NA	13.6	NA	NA	14.7	NA	NA	15.8
Maryland	78.5	17.4	0.8	79.3	17.6	0.8	77.9	18.3	1.0
Massachusetts	98.8	22.5	24.5	98.8	26.9	22.0	98.7	27.2	25.4
Michigan	96.1	40.6	2.7	96.5	42.2	2.6	96.0	45.9	3.0
Minnesota	100.0	75.2	12.5	100.0	69.1	12.1	100.0	73.3	10.5
Mississippi	100.0	66.4	8.2	100.0	67.4	6.8	100.0	67.3	7.7
Missouri	100.0	56.8	6.6	100.0	50.2	6.8	100.0	56.7	7.9
Montana	99.8	26.5	1.1	99.7	27.6	0.6	99.7	33.8	0.9
Nebraska	90.0	42.2	3.7	89.5	37.2	4.3	89.8	38.2	5.2
Nevada	100.0	51.6	NA	100.0	55.7	18.2	100.0	57.1	16.8
New Hampshire	100.0	52.2	NA	100.0	51.1	NA	100.0	NA	NA
New Jersey	97.8	NA	0.8	97.8	NA	1.1	97.9	NA	NA
New Mexico	100.0	46.8	35.3	100.0	48.7	29.3	100.0	50.7	27.6
New York	100.0	100.0	3.2	100.0	100.0	3.9	100.0	100.0	3.2
North Carolina	100.0	81.6	13.6	100.0	79.9	14.6	100.0	79.5	15.3
North Dakota	100.0	88.6	32.4	100.0	89.0	36.5	100.0	89.1	36.1
Ohio	100.0	100.0	0.6	100.0	100.0	0.5	100.0	100.0	0.6
Oklahoma	100.0	29.9	6.0	100.0	30.7	6.4	100.0	34.1	5.7
Oregon	100.0	93.6	17.4	100.0	93.2	17.4	100.0	93.9	18.1
Pennsylvania	88.0	24.5	0.4	87.6	23.7	0.3	87.8	25.9	0.5
Rhode Island	100.0	57.5	3.9	100.0	56.7	6.0	100.0	50.3	5.1
South Carolina	100.0	83.5	38.1	100.0	85.5	36.3	100.0	81.6	33.7
South Dakota	100.0	60.2	1.5	100.0	65.9	1.7	100.0	69.0	2.1
Tennessee	100.0	81.3	25.7	100.0	79.0	NA	100.0	82.2	NA
Texas	97.8	59.3	30.2	98.7	60.2	28.9	99.6	62.1	28.2
Utah	100.0	47.6	2.2	100.0	49.1	2.4	100.0	51.5	2.6
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	88.0	47.4	11.7	86.6	46.3	NA	87.5	48.1	12.8
Washington	100.0	78.7	4.9	100.0	78.0	4.3	100.0	87.1	NA
West Virginia	100.0	28.7	3.7	NA	29.4	3.1	NA	29.6	2.7
Wisconsin	100.0	36.2	9.8	100.0	38.9	8.3	100.0	38.0	6.9
Wyoming	69.5	46.6	NA	69.7	46.7	NA	70.0	51.5	0.6
Total	96.6	54.9	13.2	96.8	55.4	12.5	96.6	57.5	12.4

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	2023								
	May			April			March		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	73.1	27.1	100.0	77.5	26.2	100.0	77.8	27.4
Alaska	100.0	99.6	74.9	100.0	99.5	79.9	100.0	99.6	85.2
Arizona	100.0	77.9	21.7	100.0	81.2	22.4	100.0	82.8	23.5
Arkansas	100.0	28.2	1.5	100.0	39.7	1.2	100.0	44.2	1.2
California	95.7	56.3	4.6	95.6	56.7	5.3	95.9	59.8	5.8
Colorado	100.0	91.2	12.5	100.0	93.2	10.9	100.0	95.1	14.1
Connecticut	95.8	73.4	56.8	96.1	80.2	63.2	97.1	82.8	58.4
Delaware	100.0	44.9	0.2	100.0	55.0	0.2	100.0	54.2	0.3
District of Columbia	69.8	21.8	0.0	73.8	23.2	0.0	74.6	24.7	0.0
Florida	94.3	31.6	3.4	94.3	31.7	3.9	94.3	32.7	2.6
Georgia	100.0	100.0	20.3	100.0	100.0	20.5	100.0	100.0	20.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	65.7	3.9	100.0	78.5	4.1	100.0	83.5	4.4
Illinois	83.5	24.1	4.3	86.3	30.2	5.4	89.7	36.8	7.8
Indiana	96.6	62.2	1.3	96.8	64.3	2.0	96.6	73.3	2.6
Iowa	100.0	47.9	2.1	100.0	60.1	2.2	100.0	66.4	2.7
Kansas	NA	31.4	7.2	100.0	48.3	8.5	100.0	57.9	4.3
Kentucky	97.1	70.6	15.1	97.1	74.7	15.4	98.3	79.8	14.9
Louisiana	100.0	73.3	1.9	100.0	69.8	2.0	100.0	73.7	2.1
Maine	100.0	58.5	13.4	100.0	64.4	NA	100.0	67.8	13.5
Maryland	79.6	20.2	2.3	79.6	24.1	4.4	80.7	28.3	NA
Massachusetts	98.6	36.3	26.1	98.6	38.3	27.6	98.7	38.1	30.7
Michigan	95.8	54.0	4.5	95.5	59.5	6.3	96.0	66.8	9.2
Minnesota	100.0	79.9	NA	100.0	88.6	15.5	100.0	89.7	19.9
Mississippi	NA	72.0	7.7	100.0	73.1	7.6	100.0	78.8	9.1
Missouri	100.0	58.4	10.4	100.0	79.7	10.4	100.0	72.8	13.3
Montana	99.7	51.5	1.4	99.8	56.2	2.3	99.8	58.5	2.7
Nebraska	87.6	46.1	5.6	86.2	52.4	6.9	88.2	59.5	NA
Nevada	100.0	60.8	NA	100.0	68.7	24.4	100.0	71.6	29.0
New Hampshire	100.0	54.0	NA	100.0	58.6	NA	100.0	62.1	NA
New Jersey	98.1	37.5	NA	97.7	38.6	NA	97.8	52.5	NA
New Mexico	100.0	56.0	26.2	100.0	70.5	NA	100.0	67.1	NA
New York	100.0	100.0	3.9	100.0	100.0	5.7	100.0	100.0	6.7
North Carolina	100.0	82.2	14.1	100.0	83.0	15.1	100.0	87.8	15.5
North Dakota	100.0	91.8	40.0	100.0	93.5	36.2	100.0	95.7	26.8
Ohio	100.0	100.0	0.6	100.0	100.0	0.8	100.0	100.0	0.9
Oklahoma	100.0	41.8	5.6	100.0	53.7	5.7	100.0	53.9	5.8
Oregon	100.0	94.2	18.4	100.0	96.0	21.3	100.0	96.5	21.3
Pennsylvania	87.5	35.1	0.8	87.5	NA	NA	88.8	38.4	1.6
Rhode Island	100.0	51.9	8.3	100.0	54.7	7.0	100.0	57.8	8.8
South Carolina	100.0	85.1	37.1	100.0	83.9	37.4	100.0	87.0	36.1
South Dakota	100.0	77.8	3.0	100.0	80.8	4.4	100.0	79.5	5.7
Tennessee	100.0	85.4	25.2	100.0	88.9	24.0	100.0	90.0	24.7
Texas	99.5	62.3	29.2	99.5	65.1	27.8	99.8	73.7	27.5
Utah	100.0	55.3	2.5	100.0	68.1	2.6	100.0	70.7	2.9
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.5	53.3	12.8	87.1	54.0	11.7	89.9	60.9	NA
Washington	100.0	86.2	5.5	100.0	84.2	7.7	100.0	88.7	9.6
West Virginia	100.0	41.0	3.4	100.0	49.0	2.8	100.0	59.7	2.9
Wisconsin	100.0	43.8	NA	100.0	64.7	15.0	100.0	67.4	17.7
Wyoming	70.1	54.8	NA	67.8	55.5	NA	67.4	56.5	NA
Total	96.2	60.7	13.0	96.5	65.1	12.9	96.9	68.7	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						2022		
	February			January			Total		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	83.4	28.6	100.0	82.8	28.5	100.0	77.0	25.8
Alaska	100.0	99.6	86.9	100.0	99.6	88.3	100.0	99.6	83.4
Arizona	100.0	85.2	26.3	100.0	84.1	23.4	100.0	80.5	20.0
Arkansas	100.0	53.8	1.7	100.0	48.8	1.7	100.0	37.6	1.9
California	96.2	58.7	6.3	NA	NA	NA	95.8	54.2	5.0
Colorado	100.0	94.8	13.6	100.0	95.8	14.3	100.0	94.2	10.3
Connecticut	97.1	83.0	61.5	97.2	83.3	61.4	96.5	80.8	50.0
Delaware	100.0	58.3	0.4	100.0	57.5	1.1	100.0	49.9	0.3
District of Columbia	76.6	25.3	0.0	76.4	27.6	0.0	74.5	22.4	--
Florida	92.7	32.1	3.9	92.8	31.8	3.5	92.2	30.7	3.1
Georgia	100.0	100.0	24.9	100.0	100.0	21.3	100.0	100.0	23.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	84.6	4.2	100.0	84.7	4.5	100.0	78.5	3.9
Illinois	89.0	37.9	8.6	89.8	38.9	8.8	89.2	34.4	7.9
Indiana	96.8	72.5	2.9	96.5	73.3	3.4	96.5	69.4	2.2
Iowa	100.0	67.6	3.2	100.0	68.2	2.6	100.0	62.8	2.7
Kansas	100.0	65.6	NA	100.0	64.4	1.7	100.0	51.8	8.5
Kentucky	97.6	81.3	15.9	97.8	82.1	15.2	98.1	79.6	15.1
Louisiana	100.0	75.8	2.0	100.0	73.7	2.2	100.0	71.8	2.3
Maine	100.0	69.9	13.3	100.0	68.5	14.3	100.0	64.3	10.2
Maryland	80.5	29.5	NA	80.0	28.7	5.8	79.3	26.3	4.7
Massachusetts	98.7	40.2	31.7	98.8	40.7	31.3	98.6	38.4	28.4
Michigan	95.9	66.9	9.7	95.6	66.3	9.5	95.4	62.0	7.0
Minnesota	100.0	90.0	19.4	100.0	90.5	17.7	100.0	87.8	16.8
Mississippi	100.0	79.5	8.9	100.0	81.2	9.3	100.0	79.7	7.8
Missouri	100.0	78.2	16.4	100.0	76.1	15.5	100.0	72.4	11.8
Montana	99.8	54.4	2.1	99.8	57.0	2.3	99.8	49.8	1.6
Nebraska	87.4	59.1	NA	87.7	60.5	NA	88.0	55.3	5.3
Nevada	100.0	71.5	35.1	100.0	71.0	26.0	100.0	63.3	17.9
New Hampshire	100.0	61.0	15.8	100.0	63.0	11.3	100.0	60.2	9.1
New Jersey	97.7	48.4	NA	97.7	53.4	NA	97.6	44.3	5.2
New Mexico	100.0	68.7	NA	100.0	72.0	6.1	100.0	57.6	19.0
New York	100.0	100.0	6.9	100.0	100.0	7.1	100.0	100.0	4.9
North Carolina	100.0	88.0	16.5	100.0	89.4	17.4	100.0	86.8	13.3
North Dakota	100.0	94.5	33.1	100.0	95.1	36.1	100.0	94.5	36.3
Ohio	100.0	100.0	1.0	100.0	100.0	1.0	100.0	100.0	0.9
Oklahoma	100.0	57.0	6.3	100.0	55.4	6.0	100.0	45.4	5.7
Oregon	100.0	96.7	20.7	100.0	96.8	21.8	100.0	95.9	19.3
Pennsylvania	88.7	NA	1.7	88.3	42.0	1.9	88.1	37.3	1.1
Rhode Island	100.0	57.0	7.4	100.0	58.6	7.3	100.0	53.3	5.3
South Carolina	100.0	87.5	38.6	100.0	NA	37.4	100.0	90.1	37.2
South Dakota	100.0	76.9	5.3	100.0	79.2	5.9	100.0	75.9	3.4
Tennessee	100.0	91.9	23.8	100.0	91.5	23.1	100.0	87.5	24.4
Texas	99.9	76.0	27.3	99.9	76.8	26.5	99.7	70.9	29.0
Utah	100.0	71.2	2.4	100.0	72.7	2.3	100.0	65.8	2.4
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.3	61.5	12.1	89.9	NA	14.3	89.7	53.8	14.7
Washington	100.0	91.6	10.6	100.0	91.1	9.5	100.0	87.1	6.5
West Virginia	100.0	61.9	2.9	100.0	62.5	3.0	100.0	54.5	3.5
Wisconsin	100.0	70.2	17.4	97.4	72.7	19.4	100.0	64.0	16.2
Wyoming	66.6	55.5	NA	66.8	56.1	NA	68.1	56.3	1.2
Total	96.9	69.6	13.7	96.8	70.2	13.6	96.7	65.8	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	2022								
	December			November			October		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	78.1	28.1	100.0	73.3	26.2	100.0	67.9	24.9
Alaska	100.0	99.7	88.3	100.0	99.7	86.0	100.0	99.7	84.3
Arizona	100.0	82.9	23.2	100.0	80.1	20.5	100.0	76.1	21.0
Arkansas	100.0	47.0	2.3	100.0	30.8	1.8	100.0	26.0	1.6
California	96.1	57.7	6.2	96.4	55.2	5.1	95.7	48.1	4.6
Colorado	100.0	95.8	13.1	100.0	95.1	11.4	100.0	93.5	8.0
Connecticut	97.1	82.1	63.1	95.8	77.9	50.9	95.2	75.3	50.0
Delaware	100.0	50.8	0.3	100.0	43.1	0.2	100.0	37.9	0.2
District of Columbia	76.1	26.1	--	71.3	22.1	--	73.6	21.7	--
Florida	91.5	30.9	3.0	91.5	30.6	3.7	92.4	29.6	2.8
Georgia	100.0	100.0	22.5	100.0	100.0	23.1	100.0	100.0	26.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	85.6	4.4	100.0	82.5	4.1	100.0	65.3	3.2
Illinois	91.0	39.1	8.6	91.5	34.4	5.7	91.5	29.4	4.5
Indiana	97.0	73.6	2.9	96.6	71.7	2.3	96.1	66.2	1.6
Iowa	100.0	66.8	2.8	100.0	65.2	3.4	100.0	62.2	2.7
Kansas	100.0	63.3	2.3	100.0	53.9	3.8	100.0	37.5	5.3
Kentucky	98.6	84.3	15.2	99.0	81.8	13.5	98.9	74.0	13.2
Louisiana	100.0	71.8	2.3	100.0	70.9	2.2	100.0	64.4	2.2
Maine	100.0	67.4	13.8	100.0	59.9	10.9	100.0	64.0	8.3
Maryland	81.4	32.2	4.3	80.6	27.1	5.7	80.4	21.3	2.6
Massachusetts	98.8	42.7	29.9	98.8	37.7	31.1	98.8	33.2	25.7
Michigan	95.7	69.0	8.5	95.7	62.5	7.4	96.1	56.2	4.2
Minnesota	100.0	91.0	21.5	100.0	88.3	21.5	100.0	85.3	14.9
Mississippi	100.0	83.5	8.5	100.0	79.2	7.8	100.0	76.2	7.6
Missouri	100.0	74.3	13.9	100.0	61.8	11.2	100.0	59.4	14.3
Montana	99.8	52.0	1.8	99.8	44.4	1.6	99.7	31.2	1.0
Nebraska	87.5	59.2	6.2	86.3	51.0	5.6	88.1	42.8	4.6
Nevada	100.0	69.3	31.1	100.0	59.2	20.6	100.0	51.0	15.0
New Hampshire	100.0	71.6	14.1	100.0	55.2	5.1	100.0	53.1	4.1
New Jersey	97.7	48.3	7.8	97.7	40.8	5.0	98.2	33.2	3.1
New Mexico	100.0	77.7	7.4	100.0	76.6	13.4	100.0	30.5	11.0
New York	100.0	100.0	5.6	100.0	100.0	3.7	100.0	100.0	3.7
North Carolina	100.0	90.9	16.9	100.0	87.6	14.8	100.0	84.8	14.2
North Dakota	100.0	95.7	27.4	100.0	95.2	28.0	100.0	94.0	37.1
Ohio	100.0	100.0	1.0	100.0	100.0	1.2	100.0	100.0	0.9
Oklahoma	100.0	46.8	5.6	100.0	28.1	5.5	100.0	26.4	6.0
Oregon	100.0	97.1	21.2	100.0	96.7	20.6	100.0	95.2	20.4
Pennsylvania	88.9	41.2	1.6	89.4	36.8	1.0	89.1	35.5	0.6
Rhode Island	100.0	55.8	6.4	100.0	53.2	5.8	100.0	54.0	6.8
South Carolina	100.0	93.6	35.0	100.0	89.3	34.3	100.0	89.1	38.8
South Dakota	100.0	78.8	4.3	100.0	68.8	3.4	100.0	64.7	2.1
Tennessee	100.0	90.7	25.1	100.0	86.8	23.9	100.0	81.3	23.7
Texas	99.9	76.0	27.5	99.9	73.3	29.1	99.8	65.8	28.6
Utah	100.0	71.7	2.7	100.0	67.0	2.4	100.0	51.9	2.6
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	91.9	58.6	14.3	91.9	54.3	15.1	90.8	50.9	13.7
Washington	100.0	90.2	9.5	100.0	89.8	7.9	100.0	84.0	5.5
West Virginia	100.0	63.5	3.0	100.0	55.6	3.4	100.0	48.1	3.5
Wisconsin	100.0	71.8	19.6	100.0	67.3	15.8	100.0	58.4	14.6
Wyoming	67.2	56.9	1.5	66.6	54.2	0.8	66.5	50.6	0.3
Total	97.1	70.2	13.5	97.2	66.6	13.3	96.9	60.1	13.1

-- Not applicable.

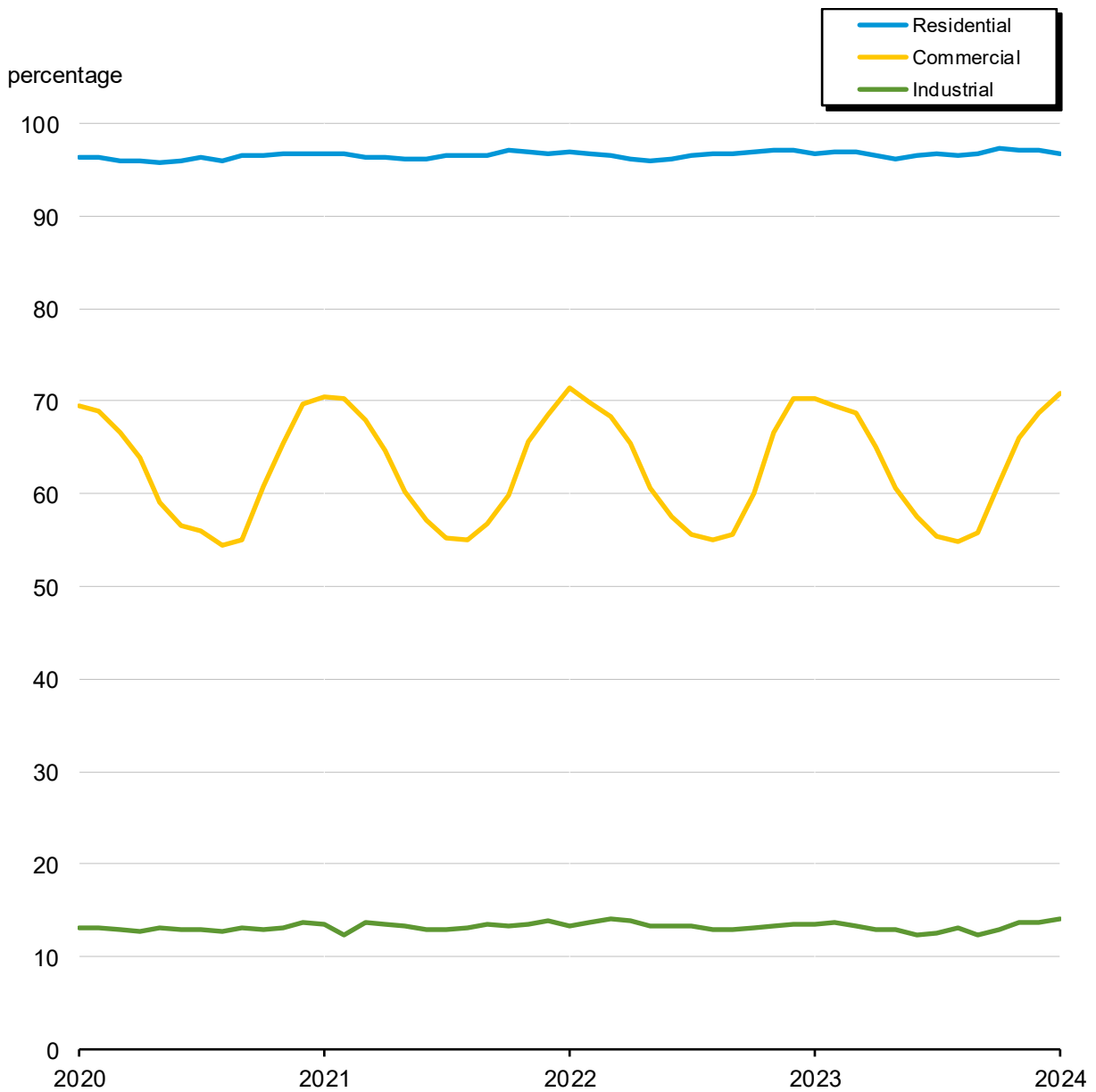
^R Revised data.

^{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, 2020-2024



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		
	January	Total	December	November	October	September
Alabama	1,023	1,030	1,032	1,033	1,029	1,029
Alaska	1,005	996	1,001	998	997	997
Arizona	1,035	1,027	1,029	1,025	1,024	1,027
Arkansas	1,017	1,022	1,023	1,020	1,021	1,022
California	1,040	1,038	1,040	1,035	1,031	1,034
Colorado	1,042	1,050	1,045	1,045	1,042	1,066
Connecticut	1,030	1,030	1,030	1,030	1,030	1,029
Delaware	1,033	1,034	1,034	1,035	1,034	1,032
District of Columbia	1,036	1,035	1,035	1,035	1,032	1,026
Florida	1,027	1,024	1,028	1,024	1,023	1,022
Georgia	1,027	1,029	1,029	1,028	1,028	1,030
Hawaii	917	918	917	917	918	919
Idaho	1,030	1,023	1,023	1,023	1,022	1,015
Illinois	1,046	1,043	1,043	1,043	1,045	1,041
Indiana	1,055	1,051	1,056	1,058	1,063	1,061
Iowa	1,058	1,069	1,075	1,072	1,081	1,090
Kansas	1,041	1,033	1,037	1,032	1,030	1,034
Kentucky	1,055	1,046	1,053	1,054	1,051	1,044
Louisiana	1,018	1,017	1,017	1,017	1,018	1,018
Maine	1,051	1,042	1,045	1,043	1,040	1,040
Maryland	1,042	1,039	1,040	1,041	1,039	1,037
Massachusetts	1,033	1,030	1,030	1,030	1,029	1,029
Michigan	1,057	1,057	1,059	1,059	1,057	1,058
Minnesota	1,053	1,060	1,064	1,060	1,067	1,067
Mississippi	1,023	1,027	1,025	1,023	1,029	1,025
Missouri	1,022	1,022	1,023	1,020	1,023	1,026
Montana	1,060	1,057	1,061	1,066	1,063	1,062
Nebraska	1,051	1,053	1,052	1,054	1,061	1,066
Nevada	1,047	1,046	1,049	1,043	1,035	1,040
New Hampshire	1,044	1,032	1,034	1,033	1,029	1,030
New Jersey	1,042	1,038	1,041	1,040	1,038	1,037
New Mexico	1,025	1,026	1,023	1,023	1,023	1,026
New York	1,032	1,032	1,033	1,032	1,032	1,031
North Carolina	1,035	1,033	1,035	1,034	1,034	1,033
North Dakota	1,060	1,048	1,047	1,046	1,060	1,060
Ohio	1,070	1,065	1,067	1,067	1,066	1,063
Oklahoma	1,041	1,034	1,038	1,030	1,023	1,028
Oregon	1,075	1,067	1,066	1,070	1,061	1,062
Pennsylvania	1,039	1,037	1,037	1,037	1,037	1,037
Rhode Island	1,026	1,030	1,030	1,031	1,028	1,028
South Carolina	1,033	1,030	1,032	1,030	1,029	1,029
South Dakota	1,079	1,083	1,088	1,090	1,093	1,095
Tennessee	1,046	1,024	1,034	1,029	1,025	1,022
Texas	1,022	1,018	1,017	1,016	1,017	1,018
Utah	1,049	1,048	1,051	1,044	1,043	1,043
Vermont	1,047	1,043	1,045	1,045	1,039	1,040
Virginia	1,052	1,050	1,051	1,056	1,047	1,050
Washington	1,092	1,091	1,079	1,091	1,088	1,089
West Virginia	1,060	1,077	1,072	1,071	1,080	1,083
Wisconsin	1,056	1,044	1,048	1,048	1,040	1,039
Wyoming	1,065	1,060	1,068	1,064	1,059	1,060
Total	1,041	1,036	1,038	1,037	1,035	1,034

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					
	August	July	June	May	April	March
Alabama	1,030	1,031	1,031	1,030	1,029	1,026
Alaska	997	998	999	999	995	995
Arizona	1,028	1,028	1,029	1,027	1,022	1,026
Arkansas	1,024	1,024	1,022	1,021	1,021	1,020
California	1,036	1,035	1,037	1,037	1,035	1,038
Colorado	1,063	1,068	1,060	1,051	1,049	1,044
Connecticut	1,029	1,030	1,029	1,029	1,029	1,031
Delaware	1,034	1,033	1,032	1,033	1,033	1,034
District of Columbia	1,025	1,025	1,025	1,030	1,036	1,040
Florida	1,023	1,025	1,025	1,022	1,021	1,023
Georgia	1,029	1,030	1,030	1,029	1,027	1,027
Hawaii	919	919	918	918	918	918
Idaho	1,013	1,012	1,030	1,049	1,025	1,016
Illinois	1,043	1,044	1,040	1,042	1,041	1,042
Indiana	1,061	1,050	1,046	1,051	1,043	1,041
Iowa	1,085	1,083	1,072	1,060	1,048	1,057
Kansas	1,035	1,035	1,030	1,025	1,028	1,032
Kentucky	1,040	1,041	1,042	1,046	1,047	1,041
Louisiana	1,019	1,018	1,017	1,021	1,015	1,014
Maine	1,043	1,043	1,039	1,039	1,038	1,044
Maryland	1,035	1,036	1,035	1,036	1,037	1,040
Massachusetts	1,029	1,030	1,029	1,029	1,029	1,029
Michigan	1,058	1,059	1,057	1,056	1,055	1,056
Minnesota	1,069	1,073	1,067	1,053	1,055	1,059
Mississippi	1,027	1,028	1,031	1,025	1,027	1,026
Missouri	1,023	1,023	1,023	1,021	1,021	1,020
Montana	1,051	1,049	1,049	1,054	1,054	1,053
Nebraska	1,066	1,071	1,059	1,054	1,045	1,046
Nevada	1,043	1,042	1,042	1,044	1,047	1,046
New Hampshire	1,030	1,033	1,030	1,030	1,031	1,032
New Jersey	1,035	1,034	1,034	1,037	1,036	1,041
New Mexico	1,027	1,027	1,024	1,027	1,025	1,023
New York	1,030	1,031	1,030	1,030	1,031	1,033
North Carolina	1,033	1,030	1,032	1,033	1,032	1,033
North Dakota	1,047	1,045	1,042	1,044	1,044	1,049
Ohio	1,061	1,061	1,064	1,065	1,066	1,066
Oklahoma	1,034	1,035	1,037	1,032	1,036	1,033
Oregon	1,058	1,060	1,070	1,089	1,069	1,067
Pennsylvania	1,036	1,036	1,035	1,035	1,037	1,038
Rhode Island	1,029	1,028	1,029	1,027	1,030	1,031
South Carolina	1,029	1,030	1,030	1,029	1,028	1,027
South Dakota	1,094	1,086	1,078	1,077	1,078	1,076
Tennessee	1,019	1,018	1,018	1,022	1,019	1,024
Texas	1,021	1,019	1,018	1,018	1,015	1,015
Utah	1,045	1,045	1,045	1,044	1,050	1,048
Vermont	1,044	1,042	1,039	1,039	1,039	1,044
Virginia	1,047	1,045	1,048	1,049	1,054	1,051
Washington	1,089	1,089	1,080	1,094	1,095	1,099
West Virginia	1,071	1,076	1,099	1,059	1,089	1,067
Wisconsin	1,044	1,042	1,040	1,038	1,040	1,039
Wyoming	1,060	1,061	1,056	1,051	1,061	1,062
Total	1,035	1,035	1,034	1,034	1,035	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	2023			2022		
	February	January	Total	December	November	October
Alabama	1,028	1,029	1,031	1,030	1,029	1,033
Alaska	992	992	984	993	985	985
Arizona	1,028	1,028	1,031	1,035	1,029	1,028
Arkansas	1,021	1,022	1,022	1,022	1,020	1,021
California	1,042	1,049	1,035	1,041	1,038	1,036
Colorado	1,046	1,044	1,054	1,051	1,046	1,057
Connecticut	1,031	1,031	1,030	1,031	1,030	1,029
Delaware	1,034	1,034	1,033	1,035	1,034	1,033
District of Columbia	1,040	1,038	1,034	1,040	1,034	1,030
Florida	1,024	1,028	1,025	1,028	1,025	1,027
Georgia	1,028	1,029	1,029	1,029	1,027	1,032
Hawaii	917	918	917	917	916	916
Idaho	1,025	1,031	1,024	1,033	1,021	1,018
Illinois	1,043	1,045	1,043	1,045	1,045	1,048
Indiana	1,043	1,046	1,052	1,048	1,049	1,056
Iowa	1,058	1,060	1,067	1,060	1,064	1,067
Kansas	1,034	1,039	1,033	1,038	1,038	1,035
Kentucky	1,046	1,044	1,048	1,043	1,044	1,050
Louisiana	1,015	1,016	1,019	1,021	1,016	1,020
Maine	1,046	1,044	1,043	1,048	1,037	1,040
Maryland	1,042	1,042	1,039	1,044	1,037	1,036
Massachusetts	1,032	1,031	1,030	1,031	1,030	1,031
Michigan	1,055	1,055	1,057	1,054	1,050	1,057
Minnesota	1,050	1,056	1,054	1,067	1,050	1,051
Mississippi	1,028	1,030	1,029	1,030	1,027	1,027
Missouri	1,022	1,022	1,022	1,023	1,024	1,025
Montana	1,053	1,066	1,051	1,056	1,052	1,046
Nebraska	1,043	1,046	1,057	1,042	1,049	1,056
Nevada	1,049	1,061	1,042	1,061	1,049	1,038
New Hampshire	1,036	1,034	1,034	1,036	1,032	1,030
New Jersey	1,041	1,042	1,038	1,040	1,038	1,036
New Mexico	1,027	1,029	1,031	1,032	1,030	1,029
New York	1,033	1,033	1,032	1,034	1,032	1,031
North Carolina	1,033	1,035	1,031	1,035	1,032	1,031
North Dakota	1,048	1,050	1,058	1,054	1,052	1,046
Ohio	1,064	1,065	1,066	1,066	1,066	1,066
Oklahoma	1,039	1,042	1,034	1,045	1,039	1,044
Oregon	1,072	1,067	1,066	1,064	1,061	1,055
Pennsylvania	1,038	1,038	1,037	1,038	1,036	1,036
Rhode Island	1,032	1,032	1,030	1,031	1,031	1,030
South Carolina	1,029	1,032	1,030	1,032	1,029	1,031
South Dakota	1,075	1,073	1,076	1,072	1,072	1,073
Tennessee	1,027	1,026	1,029	1,023	1,025	1,030
Texas	1,019	1,016	1,019	1,019	1,015	1,016
Utah	1,049	1,057	1,045	1,054	1,047	1,044
Vermont	1,046	1,044	1,042	1,048	1,040	1,039
Virginia	1,053	1,048	1,049	1,050	1,048	1,044
Washington	1,098	1,094	1,088	1,091	1,089	1,081
West Virginia	1,076	1,078	1,086	1,065	1,106	1,085
Wisconsin	1,046	1,049	1,046	1,053	1,046	1,043
Wyoming	1,058	1,060	1,058	1,060	1,059	1,058
Total	1,038	1,039	1,036	1,041	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					
	September	August	July	June	May	April
Alabama	1,032	1,032	1,033	1,032	1,033	1,029
Alaska	975	972	974	979	985	984
Arizona	1,035	1,032	1,027	1,032	1,026	1,025
Arkansas	1,024	1,027	1,023	1,023	1,020	1,020
California	1,043	1,035	1,031	1,032	1,031	1,032
Colorado	1,068	1,066	1,062	1,062	1,057	1,053
Connecticut	1,029	1,029	1,029	1,029	1,028	1,030
Delaware	1,033	1,034	1,033	1,033	1,033	1,035
District of Columbia	1,030	1,030	1,029	1,027	1,028	1,037
Florida	1,025	1,027	1,024	1,026	1,026	1,024
Georgia	1,033	1,031	1,028	1,028	1,029	1,027
Hawaii	918	918	919	919	918	915
Idaho	1,020	1,019	1,025	1,026	1,025	1,030
Illinois	1,044	1,042	1,042	1,042	1,045	1,042
Indiana	1,060	1,058	1,059	1,055	1,055	1,052
Iowa	1,073	1,075	1,076	1,070	1,058	1,061
Kansas	1,039	1,038	1,033	1,035	1,034	1,031
Kentucky	1,047	1,044	1,046	1,046	1,046	1,047
Louisiana	1,024	1,019	1,017	1,017	1,017	1,015
Maine	1,043	1,040	1,037	1,038	1,045	1,042
Maryland	1,036	1,036	1,035	1,035	1,034	1,039
Massachusetts	1,028	1,029	1,029	1,029	1,029	1,028
Michigan	1,058	1,062	1,060	1,058	1,060	1,056
Minnesota	1,058	1,059	1,055	1,052	1,059	1,048
Mississippi	1,034	1,029	1,027	1,027	1,029	1,032
Missouri	1,026	1,026	1,022	1,023	1,021	1,020
Montana	1,054	1,053	1,046	1,051	1,052	1,043
Nebraska	1,059	1,063	1,071	1,069	1,057	1,054
Nevada	1,047	1,041	1,035	1,037	1,038	1,035
New Hampshire	1,030	1,031	1,031	1,032	1,034	1,031
New Jersey	1,036	1,036	1,036	1,038	1,038	1,039
New Mexico	1,035	1,041	1,033	1,029	1,029	1,033
New York	1,030	1,032	1,031	1,031	1,031	1,032
North Carolina	1,031	1,030	1,030	1,030	1,031	1,032
North Dakota	1,048	1,056	1,058	1,056	1,054	1,049
Ohio	1,062	1,060	1,060	1,062	1,064	1,066
Oklahoma	1,033	1,039	1,028	1,028	1,030	1,029
Oregon	1,069	1,066	1,067	1,064	1,069	1,071
Pennsylvania	1,035	1,035	1,035	1,035	1,035	1,037
Rhode Island	1,029	1,030	1,029	1,029	1,028	1,030
South Carolina	1,032	1,030	1,028	1,029	1,031	1,029
South Dakota	1,075	1,077	1,075	1,068	1,065	1,070
Tennessee	1,024	1,020	1,018	1,020	1,026	1,027
Texas	1,021	1,020	1,018	1,018	1,016	1,015
Utah	1,047	1,044	1,038	1,041	1,044	1,041
Vermont	1,043	1,040	1,037	1,038	1,038	1,046
Virginia	1,046	1,047	1,043	1,049	1,045	1,054
Washington	1,092	1,091	1,092	1,077	1,083	1,089
West Virginia	1,087	1,059	1,100	1,112	1,046	1,093
Wisconsin	1,044	1,042	1,044	1,042	1,043	1,045
Wyoming	1,061	1,065	1,060	1,061	1,063	1,060
Total	1,036	1,035	1,033	1,033	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	2022		
	March	February	January
Alabama	1,029	1,026	1,029
Alaska	990	987	985
Arizona	1,029	1,037	1,035
Arkansas	1,019	1,018	1,022
California	1,031	1,037	1,036
Colorado	1,049	1,052	1,056
Connecticut	1,030	1,032	1,032
Delaware	1,033	1,033	1,034
District of Columbia	1,039	1,041	1,041
Florida	1,025	1,025	1,025
Georgia	1,027	1,028	1,029
Hawaii	915	918	918
Idaho	1,030	1,017	1,020
Illinois	1,042	1,043	1,043
Indiana	1,049	1,052	1,052
Iowa	1,061	1,064	1,065
Kansas	1,029	1,035	1,034
Kentucky	1,056	1,048	1,048
Louisiana	1,018	1,017	1,018
Maine	1,043	1,049	1,050
Maryland	1,041	1,045	1,045
Massachusetts	1,030	1,032	1,033
Michigan	1,055	1,055	1,055
Minnesota	1,047	1,053	1,053
Mississippi	1,029	1,024	1,022
Missouri	1,020	1,021	1,021
Montana	1,048	1,049	1,049
Nebraska	1,050	1,050	1,049
Nevada	1,032	1,039	1,044
New Hampshire	1,032	1,036	1,041
New Jersey	1,046	1,049	1,052
New Mexico	1,029	1,031	1,028
New York	1,033	1,034	1,033
North Carolina	1,033	1,033	1,033
North Dakota	1,061	1,051	1,054
Ohio	1,067	1,068	1,069
Oklahoma	1,026	1,031	1,034
Oregon	1,070	1,069	1,062
Pennsylvania	1,038	1,037	1,036
Rhode Island	1,028	1,031	1,032
South Carolina	1,029	1,030	1,031
South Dakota	1,074	1,074	1,073
Tennessee	1,027	1,027	1,025
Texas	1,015	1,017	1,016
Utah	1,037	1,041	1,044
Vermont	1,044	1,048	1,038
Virginia	1,054	1,052	1,057
Washington	1,090	1,091	1,089
West Virginia	1,089	1,091	1,082
Wisconsin	1,045	1,049	1,047
Wyoming	1,055	1,059	1,062
Total	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	703	665	758	841	442
2022	606	571	702	846	396
2023	766	689	737	754	455
% Diff (normal to 2023)	9.0	3.6	-2.8	-10.3	2.9
% Diff (2022 to 2023)	26.4	20.7	5.0	-10.9	14.9
December					
Normal	1,044	994	1,136	1,250	700
2022	994	1,040	1,121	1,293	726
2023	856	844	854	920	598
% Diff (normal to 2023)	-18.0	-15.1	-24.8	-26.4	-14.6
% Diff (2022 to 2023)	-13.9	-18.9	-23.8	-28.9	-17.6
January					
Normal	1,209	1,155	1,304	1,392	803
2023	913	846	1,009	1,199	590
2024	1,082	1,053	1,201	1,341	757
% Diff (normal to 2024)	-10.5	-8.8	-7.9	-3.7	-5.7
% Diff (2023 to 2024)	18.5	24.5	19.0	11.8	28.3
February					
Normal	1,064	1,012	1,095	1,113	657
2023	950	841	942	1,102	449
2024	946	895	833	806	549
% Diff (normal to 2024)	-11.1	-11.6	-23.9	-27.6	-16.4
% Diff (2023 to 2024)	-0.4	6.4	-11.6	-26.9	22.3
November to February					
Normal	4,020	3,826	4,293	4,596	2,602
2023	3,463	3,298	3,774	4,440	2,161
2024	3,650	3,481	3,625	3,821	2,359
% Diff (normal to 2024)	-9.2	-9.0	-15.6	-16.9	-9.3
% Diff (2023 to 2024)	5.4	5.6	-4.0	-13.9	9.2

See footnotes at end of table.

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

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
2022	450	358	838	436	579
2023	431	303	674	306	567
% Diff (normal to 2023)	-5.1	-0.7	-8.8	-16.4	-3.7
% Diff (2022 to 2023)	-4.2	-15.4	-19.6	-29.8	-2.1
December					
Normal	722	537	999	531	884
2022	686	519	1,033	584	900
2023	604	437	877	426	707
% Diff (normal to 2023)	-16.3	-18.6	-12.2	-19.8	-20.0
% Diff (2022 to 2023)	-12.0	-15.8	-15.1	-27.1	-21.4
January					
Normal	829	612	1,025	532	991
2023	584	452	1,055	589	811
2024	866	688	1,013	519	944
% Diff (normal to 2024)	4.5	12.4	-1.2	-2.4	-4.7
% Diff (2023 to 2024)	48.3	52.2	-4.0	-11.9	16.4
February					
Normal	650	442	828	427	818
2023	457	407	964	570	753
2024	484	311	795	484	684
% Diff (normal to 2024)	-25.5	-29.6	-4.0	13.4	-16.4
% Diff (2023 to 2024)	5.9	-23.6	-17.5	-15.1	-9.2
November to February					
Normal	2,655	1,896	3,591	1,856	3,282
2023	2,177	1,736	3,890	2,179	3,043
2024	2,385	1,739	3,359	1,735	2,902
% Diff (normal to 2024)	-10.2	-8.3	-6.5	-6.5	-11.6
% Diff (2023 to 2024)	9.6	0.2	-13.7	-20.4	-4.6

^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 2022 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:

[Quarterly Daily Shale Production Rate (MMcf/day) x Number of Days in Quarter x 1000] x [Month Gross Production Volume / 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 $\frac{\sum_{i \in S} y_{ij}}{\sum_{i \in S} x_{ij}}$ 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 more details see <http://interstat.statjournals.net/YEAR/2014/articles/1405001.pdf>

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:

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

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

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

V_{m_s} = 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 $\frac{\sum_{i \in s} y_{ij}}{\sum_{i \in s} x_{ij}}$ 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:

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

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, January 2024

State or district	Volume				Price		
	Relative standard error (percent)				(dollars per thousand cubic feet)		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	1.4	2.6	2.4	1.6	0.24	0.22	0.24
Alaska	1.2	0.7	0.0	0.3	0.03	0.09	0.00
Arizona	1.3	2.4	3.3	1.2	0.42	0.40	0.36
Arkansas	2.8	2.6	1.7	1.3	0.40	0.55	0.30
California	NA	2.8	1.1	NA	0.00	0.71	0.58
Colorado	0.5	0.5	1.7	0.5	0.12	0.11	0.04
Connecticut	0.2	0.5	0.8	0.2	0.01	0.03	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	4.8	2.7	NA	NA	0.44	0.54	0.58
Georgia	0.0	0.0	2.4	0.0	0.06	0.25	0.63
Hawaii	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Idaho	0.4	0.5	0.1	0.3	0.05	0.06	0.00
Illinois	NA	2.4	2.1	NA	0.00	0.32	0.61
Indiana	1.6	0.9	1.2	0.8	0.10	0.14	0.11
Iowa	0.9	1.0	1.4	0.8	0.20	0.20	0.39
Kansas	3.0	1.9	4.0	2.0	0.13	0.14	NA
Kentucky	0.4	0.6	0.9	0.5	0.17	0.24	0.22
Louisiana	4.5	3.8	1.6	1.5	0.17	0.77	0.31
Maine	3.8	6.0	9.9	5.6	NA	1.10	0.06
Maryland	0.3	0.4	0.9	0.2	0.09	0.12	0.14
Massachusetts	0.9	0.5	0.9	0.5	0.18	0.19	0.24
Michigan	0.6	0.5	1.3	0.4	0.11	0.11	0.05
Minnesota	0.6	0.2	2.1	0.6	0.10	0.04	0.26
Mississippi	2.9	2.8	4.5	2.9	0.24	0.30	1.03
Missouri	0.8	0.5	5.3	1.0	0.12	0.16	0.39
Montana	0.3	0.6	0.0	0.3	0.05	0.07	0.00
Nebraska	1.6	0.6	4.1	1.7	0.09	0.07	0.14
Nevada	0.0	0.2	NA	NA	0.00	0.00	0.00
New Hampshire	0.0	0.0	NA	NA	0.00	0.00	0.00
New Jersey	0.5	0.8	5.1	0.7	0.10	0.10	0.15
New Mexico	2.6	0.5	8.4	1.6	0.10	0.19	1.45
New York	0.0	0.0	1.6	0.0	0.03	0.06	0.35
North Carolina	0.4	0.6	1.0	0.4	0.06	0.05	0.19
North Dakota	0.3	0.4	2.4	1.1	0.03	0.04	0.06
Ohio	0.0	0.0	2.7	0.0	0.03	0.02	NA
Oklahoma	1.4	2.3	1.8	1.0	0.00	0.10	0.16
Oregon	0.0	0.0	1.9	0.5	0.00	0.00	0.00
Pennsylvania	0.9	0.7	4.6	1.3	0.16	0.13	0.30
Rhode Island	0.0	0.0	0.0	0.0	0.00	0.00	0.00
South Carolina	0.6	2.5	1.5	0.8	0.14	0.20	0.18
South Dakota	1.0	1.2	1.2	0.7	0.10	0.07	0.11
Tennessee	NA	NA	NA	NA	NA	NA	NA
Texas	1.7	3.8	1.3	1.1	0.24	0.66	0.04
Utah	0.2	0.1	0.1	0.1	0.00	0.00	0.34
Vermont	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Virginia	1.4	1.9	6.4	1.6	0.08	0.09	0.18
Washington	1.3	1.3	NA	NA	0.20	0.14	0.13
West Virginia	NA	NA	NA	NA	NA	NA	NA
Wisconsin	1.7	1.2	1.9	0.9	0.43	0.11	0.16
Wyoming	1.8	1.6	5.4	3.0	0.45	0.66	0.09
Total	0.3	0.3	0.5	0.2	0.02	0.05	0.04

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.