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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 degrees Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

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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 June 2021.

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, 2016-2021

(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
2016 Total	32,592	28,400	1,808	26,592	57	671	340	-216	27,444
2017 Total	33,292	29,238	1,897	27,341	66	-121	254	-400	27,140
2018 Total	37,326	33,009	2,235	30,774	69	-719	314	-300	30,139
2019									
January	3,385	2,981	208	2,773	5	-74	730	-25	3,409
February	3,067	2,709	189	2,520	5	-97	586	-4	3,010
March	3,396	3,019	211	2,809	5	-121	257	-43	2,907
April	3,329	2,934	205	2,729	5	-132	-401	4	2,205
May	3,432	3,055	213	2,842	5	-161	-494	-67	2,126
June	3,317	2,969	207	2,761	5	-159	-452	-36	2,119
July	3,412	3,084	215	2,869	5	-163	-270	-31	2,410
August	3,467	3,159	220	2,939	5	-165	-303	-35	2,441
September	3,399	3,054	213	2,841	5	-186	-440	-2	2,217
October	3,571	3,200	223	2,977	5	-215	-364	-75	2,328
November	3,496	3,120	218	2,902	5	-218	159	-70	2,779
December	3,621	3,232	226	3,007	5	-225	433	-73	3,148
Total	40,892	36,515	2,548	33,968	62	-1,915	-558	-458	31,099
2020									
January	€3,590	€3,182	€233	€2,949	6	-248	571	€19	3,296
February	€3,342	€2,959	€212	€2,747	6	-216	536	-40	3,033
March	€3,561	€3,166	€235	€2,931	6	-284	49	6	2,708
April	€3,372	€3,002	€214	€2,788	6	-231	-306	-12	2,245
May	€3,298	€2,934	€212	€2,722	5	-209	-448	1	2,071
June	€3,225	€2,876	€226	€2,651	5	-151	-358	-11	2,135
July	€3,383	€3,023	€241	€2,783	6	-139	-161	4	2,493
August	€3,388	€3,037	€240	€2,797	4	-148	-227	-21	2,404
September	€3,273	€2,914	€230	€2,684	4	-221	-323	30	2,174
October	€3,379	€2,996	€238	€2,757	5	-282	-92	-64	2,323
November	€3,370	€2,990	€231	€2,760	5	-316	-4	-4	2,440
December	€3,508	€3,094	€225	€2,869	6	-287	587	-17	3,158
Total	€40,690	€36,173	€2,736	€33,437	64	-2,732	-178	€-108	30,482
2021									
January	€3,506	€3,100	€232	€2,868	5	-279	707	€-14	€3,287
February	€2,924	€2,577	€170	€2,407	6	-152	781	-8	3,034
March	€3,482	€3,081	€229	€2,852	5	-357	59	48	€2,608
April	€3,409	€3,025	€237	€2,788	5	-353	-174	€-21	€2,246
May	€3,522	€3,131	€245	€2,886	3	-370	-416	€-3	€2,101
June	€3,396	€3,031	€238	€2,793	5	-328	-248	-3	2,218
2021 6-Month YTD	€20,238	€17,945	€1,350	€16,595	30	-1,839	709	-1	15,494
2020 6-Month YTD	€20,389	€18,118	€1,331	€16,787	34	-1,339	43	-36	15,489
2019 6-Month YTD	19,926	17,666	1,233	16,434	30	-743	227	-171	15,777

^a Monthly natural gas plant liquid (NGPL) production, gaseous equivalent, is derived 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 Supplemental gaseous fuels data are collected only on an annual basis except for the Dakota Gasification Co. coal gasification facility which provides data each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Co.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio is applied to the monthly sum of these three elements. The Dakota Gasification Co. monthly value is added to the result to produce the monthly supplemental fuels estimate.

^d Monthly and annual data for 2016 through 2019 include underground storage and liquefied natural gas storage. Data for January 2020 forward include underground storage only. See Appendix A, Explanatory Note 5, for 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): 35 for 2019; -11 for 2018; 14 for 2017; and 70 for 2016. See Appendix A, Explanatory Note 7, for full discussion.

^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.

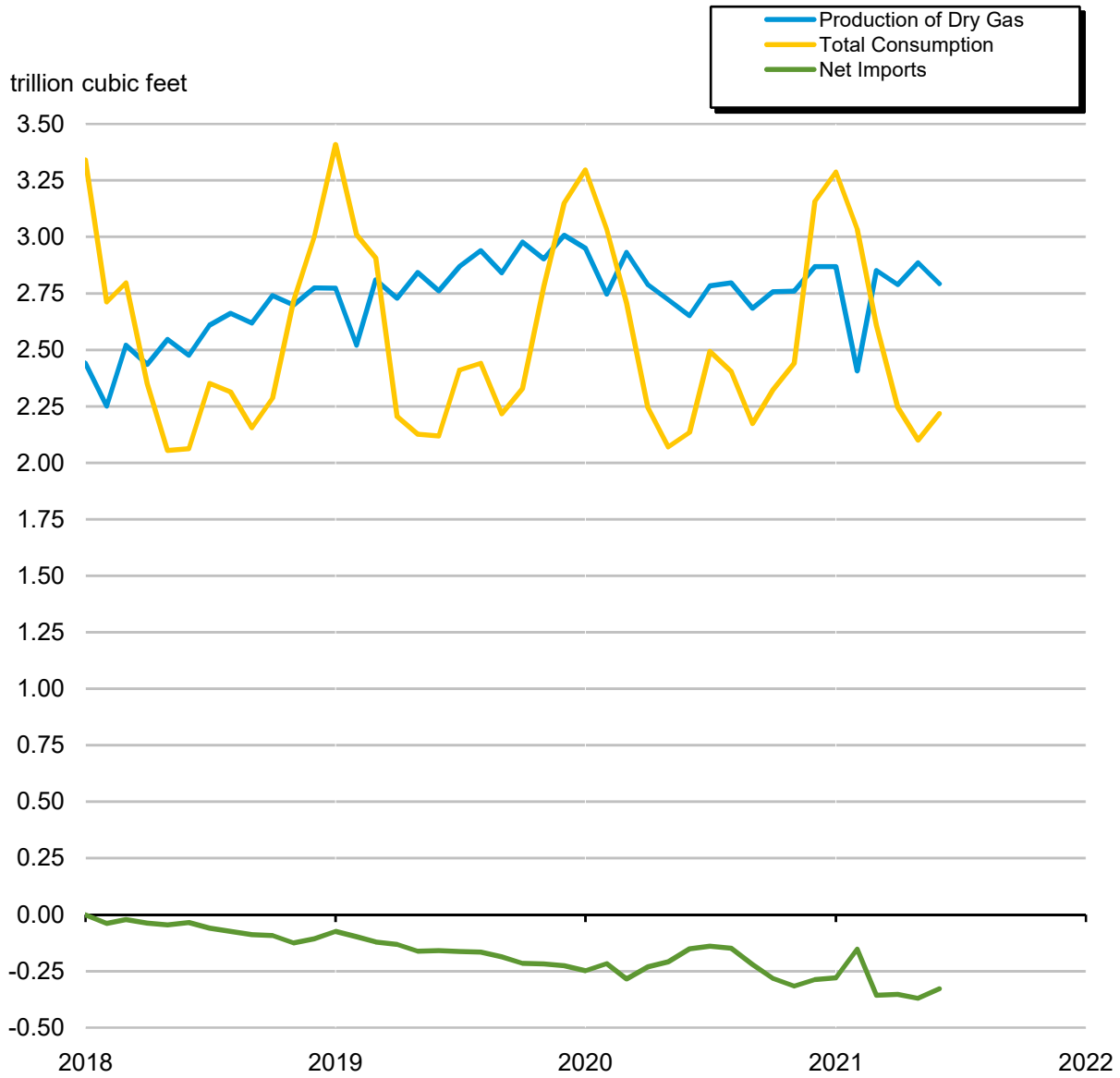
^E Estimated data.

^{RE} Revised estimated data.

Notes: Data for 2016 through 2018 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.

Sources: 2016-2019: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2019*. January 2020 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, *Natural Gas Imports and Exports*. See Table 7 for detailed source notes for Marketed Production. See Appendix A, Notes 3 and 4, for discussion of computation and estimation procedures and revision policies.

Figure 1. Production, consumption, and net imports of natural gas in the United States, 2018-2021



Sources: 2018-2019: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2019*. January 2020 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, *Natural Gas Imports and Exports*.

Table 2. Natural gas consumption in the United States, 2016-2021

(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		
2016 Total	1,545	687	4,347	3,110	7,729	9,985	42	25,212	27,444	1,037
2017 Total	1,583	722	4,413	3,165	7,943	9,266	48	24,835	27,140	1,036
2018 Total	1,694	877	4,998	3,514	8,417	10,589	50	27,568	30,139	1,036
2019										
January	151	105	953	554	801	841	4	3,153	3,409	1,038
February	137	93	809	472	719	776	4	2,781	3,010	1,037
March	153	89	688	424	751	798	4	2,665	2,907	1,037
April	148	66	328	246	676	736	4	1,990	2,205	1,037
May	154	64	212	185	675	831	4	1,908	2,126	1,035
June	150	64	129	145	635	993	4	1,906	2,119	1,035
July	156	73	112	142	650	1,273	4	2,181	2,410	1,037
August	160	74	102	141	672	1,288	4	2,207	2,441	1,038
September	154	67	110	143	644	1,095	4	1,996	2,217	1,037
October	162	70	232	216	684	960	4	2,096	2,328	1,036
November	158	85	589	389	735	819	4	2,536	2,779	1,040
December	163	96	752	457	779	897	4	2,888	3,148	1,040
Total	1,846	944	5,016	3,513	8,422	11,307	51	28,308	31,099	1,038
2020										
January	£161	£100	821	487	791	931	£5	3,035	3,296	1,039
February	£150	£92	733	443	732	879	£5	2,791	3,033	1,039
March	£160	£82	525	337	720	879	£5	2,466	2,708	1,039
April	£152	£68	375	237	644	764	£5	2,025	2,245	1,039
May	£148	£63	235	161	625	834	£5	1,860	2,071	1,035
June	£145	£65	136	132	607	1,046	£5	1,925	2,135	1,032
July	£153	£76	117	128	641	1,372	£5	2,264	2,493	1,032
August	£154	£73	109	131	654	1,280	£5	2,178	2,404	1,033
September	£147	£66	125	142	651	1,038	£5	1,961	2,174	1,035
October	£151	£71	240	207	695	954	£5	2,101	2,323	1,036
November	£151	£74	439	293	711	767	£5	2,215	2,440	1,037
December	£156	£96	793	449	787	873	£5	2,906	3,158	1,039
Total	£1,829	£926	4,648	3,147	8,257	11,616	£59	27,727	30,482	1,037
2021										
January	£157	£100	876	£492	791	866	£5	3,030	£3,287	1,038
February	£130	£92	860	489	670	788	£5	£2,812	3,034	1,041
March	£156	£79	567	£354	703	744	£5	£2,373	£2,608	1,038
April	£153	£68	£341	246	680	754	£5	2,024	£2,246	1,036
May	£158	£64	£215	181	661	816	£5	1,879	£2,101	1,035
June	£153	£67	128	142	640	1,082	£5	1,997	2,218	1,034
2021 6-Month YTD	£907	£470	2,987	1,904	4,145	5,050	£30	14,116	15,494	1,037
2020 6-Month YTD	£916	£470	2,824	1,797	4,119	5,332	£29	14,102	15,489	1,038
2019 6-Month YTD	893	480	3,120	2,026	4,257	4,975	25	14,403	15,777	1,037

^a Plant fuel data and lease fuel data are collected only annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next 12 months.

^b Published pipeline and distribution use data are based on reports collected on an annual basis. Monthly pipeline and distribution use data are estimated 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. See Appendix A, Explanatory Note 11, for further information.

^R Revised data.

^E Estimated data.

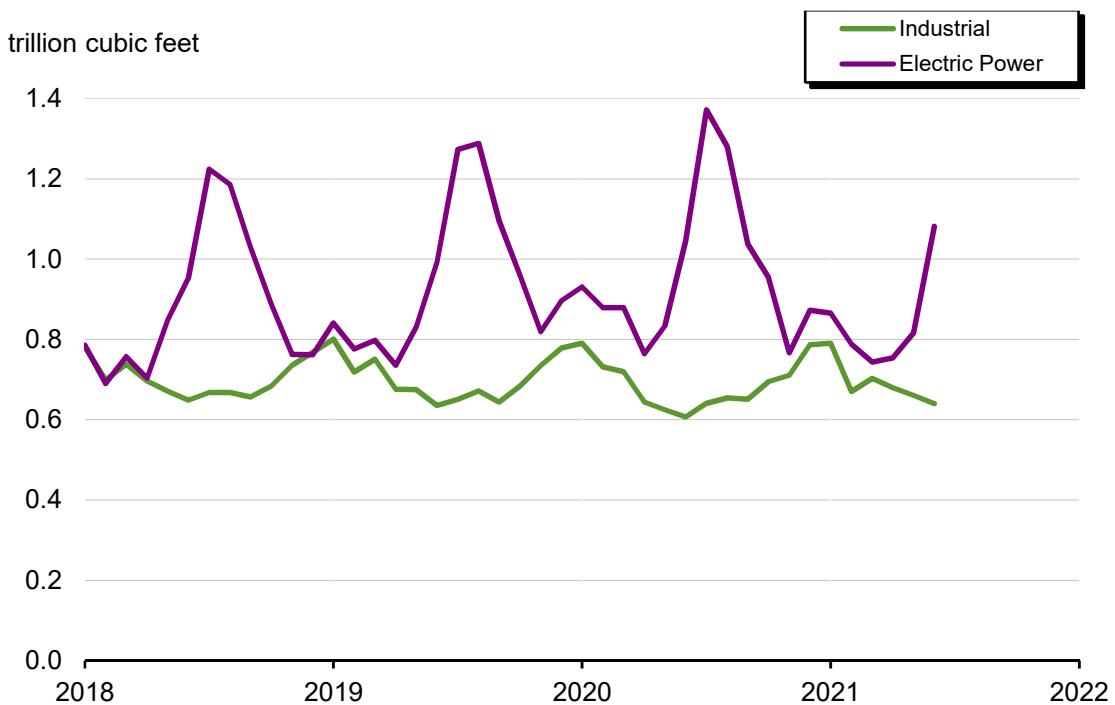
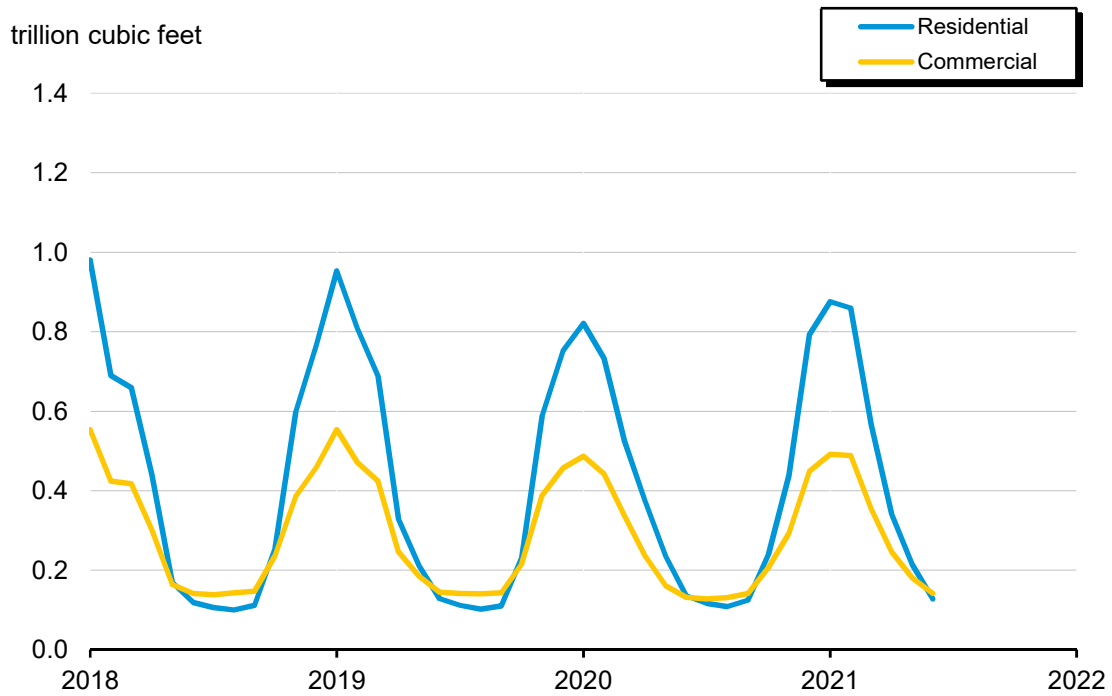
^{RE} Revised estimated data.

Notes: Data for 2016 through 2018 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. See Appendix A, Explanatory Note 6, for definition of sectors.

Sources: 2016-2019: 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 2019*. January 2020 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*. See Appendix A, Explanatory Note 6, for computation procedures and revision policy.

Figure 2

Figure 2. Natural gas deliveries to consumers in the United States, 2018-2021



Sources: 2018-2019: 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 2019*. January 2020 through current month: Form EIA-857 and Form EIA-923.

Table 3. Selected national average natural gas prices, 2016-2021

(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	
2016 Annual Average	5.04	2.52	3.71	10.05	95.8	7.28	64.8	3.51	14.9	2.99
2017 Annual Average	6.92	2.99	4.16	10.91	95.9	7.88	65.4	4.08	14.8	3.51
2018 Annual Average	8.20	3.15	4.23	10.50	96.0	7.79	65.8	4.19	14.5	3.68
2019										
January	6.46	3.11	4.03	9.36	96.4	7.67	70.1	5.02	13.7	4.16
February	6.60	2.69	3.91	9.40	96.1	7.55	69.3	4.62	14.1	3.79
March	6.58	2.95	4.07	9.42	96.0	7.41	69.1	4.31	13.7	3.59
April	6.09	2.65	3.72	10.85	95.6	7.73	64.1	3.99	13.0	2.99
May	5.61	2.64	3.66	12.76	95.7	8.06	60.6	3.64	12.6	2.85
June	4.50	2.40	4.17	15.55	95.6	8.23	58.1	3.54	12.4	2.67
July	4.62	2.37	4.17	17.74	95.9	8.47	56.0	3.34	13.0	2.62
August	4.48	2.22	4.15	18.38	96.1	8.42	55.6	3.20	12.3	2.50
September	5.04	2.56	4.07	17.61	96.2	8.34	56.2	3.34	12.2	2.68
October	5.12	2.33	3.42	12.50	96.8	7.64	60.3	3.42	12.0	2.58
November	5.64	2.65	3.46	9.33	96.6	6.98	66.7	3.86	12.7	3.08
December	5.33	2.22	3.50	9.30	96.4	7.19	68.8	3.88	12.8	3.05
Annual Average	5.49	2.56	3.81	10.51	96.2	7.61	65.5	3.90	12.9	2.99
2020										
January	4.84	2.02	3.28	9.51	96.4	7.25	69.4	3.66	13.1	2.74
February	4.38	1.91	3.10	9.12	96.3	6.87	68.9	3.54	13.2	2.50
March	3.06	1.79	3.23	9.85	96.1	7.32	66.5	3.34	13.0	2.23
April	2.85	1.74	3.05	10.66	95.9	7.28	63.7	2.96	12.8	2.20
May	3.89	1.75	3.37	11.85	95.7	7.74	59.0	2.86	13.2	2.25
June	4.21	1.63	3.85	15.37	95.9	8.19	56.6	2.72	12.9	2.08
July	4.54	1.77	3.86	17.63	96.3	8.50	55.7	2.55	12.8	2.10
August	5.01	2.30	3.96	18.42	95.9	8.51	54.3	2.92	12.4	2.47
September	4.75	1.92	4.10	16.99	96.6	8.47	54.8	3.16	13.2	2.49
October	4.97	2.39	3.47	12.36	96.6	7.62	60.6	3.25	13.0	2.57
November	5.24	2.61	3.80	11.07	96.8	7.66	65.4	3.93	13.2	3.08
December	5.76	2.59	3.55	9.81	96.8	7.42	69.6	4.07	13.7	3.30
Annual Average	4.47	2.03	3.42	10.84	96.3	7.48	64.6	3.29	13.0	2.48
2021										
January	7.07	2.71	3.45	9.73	96.7	^R 7.42	70.4	4.04	13.4	3.33
February	7.75	5.35	12.43	9.37	96.7	^R 7.37	^R 70.1	9.34	12.6	16.29
March	7.61	2.62	4.09	10.54	96.4	^R 8.00	67.9	4.37	13.6	3.41
April	7.02	2.66	3.82	^R 12.26	96.3	8.35	64.8	3.97	13.4	3.14
May	7.39	2.91	^R 4.34	^R 14.10	96.2	^R 8.98	^R 60.0	4.09	13.1	3.35
June	8.44	3.26	4.80	17.76	96.1	9.61	57.0	4.14	12.9	3.57
2021 6-Month YTD	7.54	3.22	6.23	10.79	96.5	7.93	67.0	4.93	13.2	5.39
2020 6-Month YTD	3.87	1.81	3.23	10.14	96.2	7.27	66.0	3.22	13.0	2.33
2019 6-Month YTD	5.96	2.75	3.95	10.08	96.0	7.66	67.1	4.24	13.3	3.32

^a The natural gas plant liquid (NGPL) composite spot price, shown in dollars per million Btu (\$/MMBtu), is derived 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*. See Appendix A, Explanatory Note 9, for full discussion.

^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. See Appendix A, Explanatory Note 9, for full discussion.

^c Percentage of total deliveries represented by onsystem sales (see Figure 6). See Table 24 for state data.

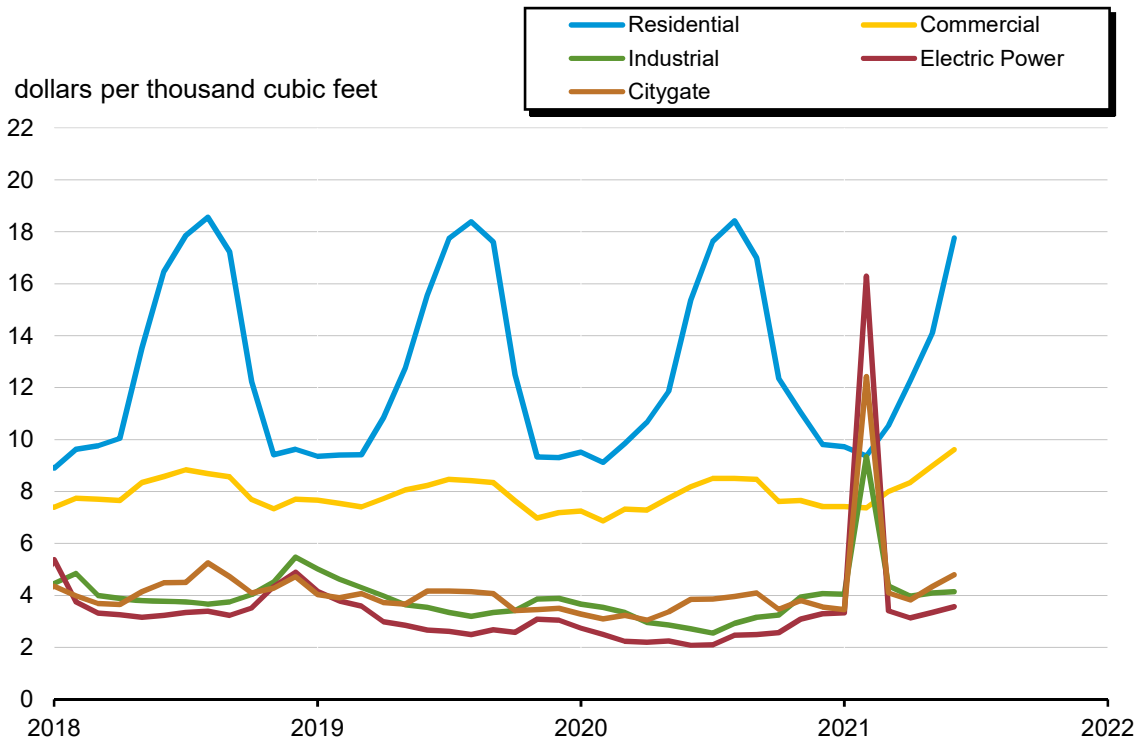
^d The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Data include nonregulated members of the electric power sector.

^R Revised data.

Notes: Prices are in nominal dollars. Data for 2016 through 2018 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.

Sources: 2016-2019: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2019*. January 2020 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.

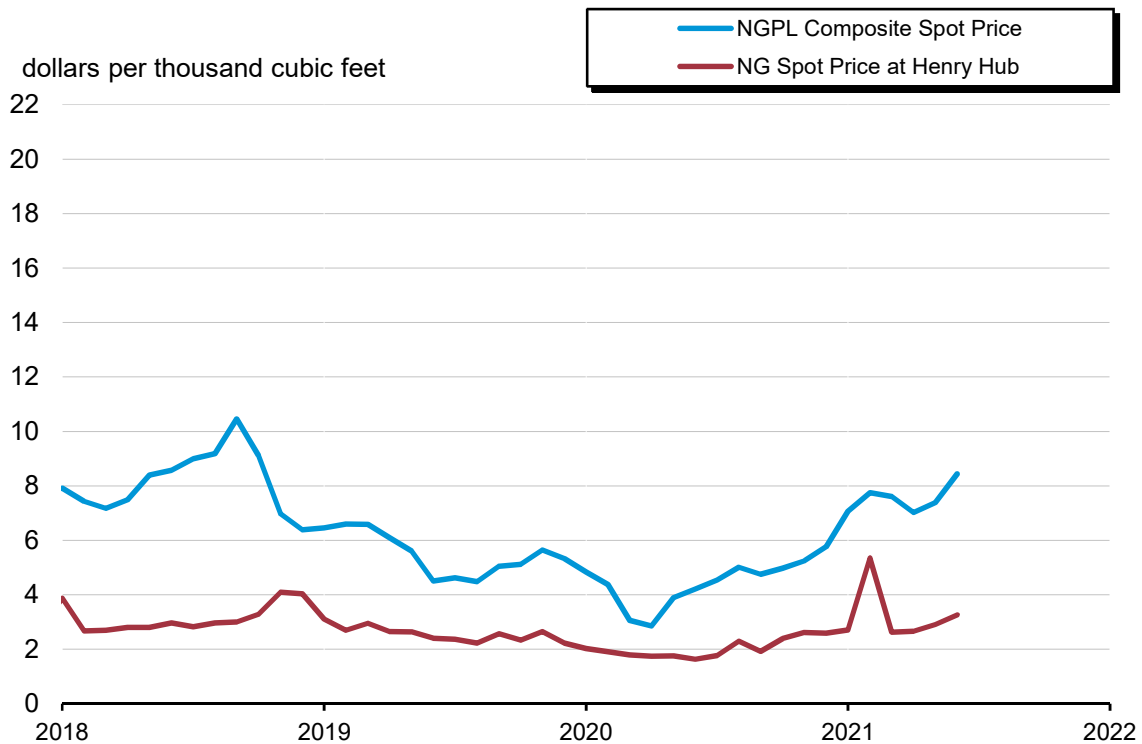
Figure 3. Average citygate and consumer prices of natural gas in the United States, 2018-2021



Note: Prices are in nominal dollars.

Sources: 2018-2019: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2019*. January 2020 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.

Figure 4. Spot prices of natural gas and natural gas plant liquids in the United States, 2018-2021



Note: Prices are in nominal dollars.

Sources: 2018-2019: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2019*. January 2020 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.

Table 4. U.S. natural gas imports, 2019-2021

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

	2021 6-Month YTD	2020 6-Month YTD	2019 6-Month YTD	June	May	April	2021 March
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	1,398,856	1,243,938	1,363,479	207,194	203,154	208,290	237,299
Mexico	1,162	910	507	24	40	52	56
Total Pipeline Imports	1,400,018	1,244,848	1,363,986	207,218	203,194	208,342	237,355
LNG							
By Truck							
Canada	44	4	222	11	13	8	2
By Vessel							
France	0	0	2,651	0	0	0	0
Nigeria	0	4,277	0	0	0	0	0
Norway	0	3,032	0	0	0	0	0
Trinidad/Tobago	15,132	25,351	25,519	0	1,662	0	1,406
United Kingdom	0	0	0	0	0	0	0
Total LNG Imports	15,176	32,664	28,391	11	1,675	8	1,409
CNG							
Canada	120	172	214	13	21	19	23
Total CNG Imports	120	172	214	13	21	19	23
Total Imports	1,415,313	1,277,685	1,392,592	207,242	204,890	208,369	238,787
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	3.21	1.80	2.78	2.83	2.66	2.44	2.63
Mexico	12.89	1.99	3.43	2.08	2.52	2.47	3.10
Total Pipeline Imports	3.21	1.80	2.78	2.83	2.66	2.44	2.63
LNG							
By Truck							
Canada	5.79	6.83	7.14	7.55	3.68	3.68	8.24
By Vessel							
France	--	--	10.39	--	--	--	--
Nigeria	--	3.12	--	--	--	--	--
Norway	--	6.16	--	--	--	--	--
Trinidad/Tobago	8.37	4.61	8.70	--	7.58	--	8.36
United Kingdom	--	--	--	--	--	--	--
Total LNG Imports	8.36	4.56	8.84	7.55	7.55	3.68	8.36
CNG							
Canada	4.33	3.62	3.98	3.21	3.06	3.09	4.59
Total CNG Imports	4.33	3.62	3.98	3.21	3.06	3.09	4.59
Total Imports	3.36	1.99	3.08	2.83	2.76	2.44	2.71
Net Imports - Volume	-1,838,557	-1,339,166	-742,695	-328,407	-369,611	-352,521	-356,588

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2019-2021

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

	2021		Total	December	November	October	2020 September
	February	January					
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	265,310	277,608	2,500,122	261,053	208,814	199,184	172,869
Mexico	933	57	1,706	56	57	89	99
Total Pipeline Imports	266,243	277,665	2,501,828	261,108	208,871	199,273	172,968
LNG							
By Truck							
Canada	7	3	43	7	4	8	6
By Vessel							
France	0	0	0	0	0	0	0
Nigeria	0	0	6,906	2,629	0	0	0
Norway	0	0	3,032	0	0	0	0
Trinidad/Tobago	5,688	6,376	39,233	2,853	2,841	0	1,235
United Kingdom	0	0	0	0	0	0	0
Total LNG Imports	5,694	6,379	49,214	5,489	2,846	8	1,241
CNG							
Canada	23	21	300	20	20	25	17
Total CNG Imports	23	21	300	20	20	25	17
Total Imports	271,961	284,065	2,551,342	266,618	211,736	199,306	174,225
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	5.51	2.75	2.00	2.72	2.64	2.17	1.99
Mexico	15.39	2.91	3.48	3.07	3.20	2.97	3.41
Total Pipeline Imports	5.54	2.75	2.00	2.72	2.64	2.17	1.99
LNG							
By Truck							
Canada	8.07	6.92	6.09	6.52	4.69	4.74	6.40
By Vessel							
France	--	--	--	--	--	--	--
Nigeria	--	--	3.50	4.11	--	--	--
Norway	--	--	6.16	--	--	--	--
Trinidad/Tobago	9.44	7.62	4.67	6.86	6.94	--	3.38
United Kingdom	--	--	--	--	--	--	--
Total LNG Imports	9.44	7.62	4.60	5.54	6.93	4.74	3.40
CNG							
Canada	5.83	5.41	3.26	3.82	3.86	2.27	2.26
Total CNG Imports	5.83	5.41	3.26	3.82	3.86	2.27	2.26
Total Imports	5.82	3.03	2.05	2.89	2.79	2.17	2.02
Net Imports - Volume	-152,012	-279,418	-2,732,265	-286,558	-316,474	-282,314	-221,199

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2019-2021

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

	2020						
	August	July	June	May	April	March	February
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	208,069	206,195	182,539	183,618	186,752	210,237	232,269
Mexico	376	119	32	63	60	100	355
Total Pipeline Imports	208,445	206,315	182,571	183,681	186,812	210,337	232,624
LNG							
By Truck							
Canada	9	4	0	*	0	3	1
By Vessel							
France	0	0	0	0	0	0	0
Nigeria	0	0	2,693	0	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	2,874	4,078	2,178	2,811	3,214	2,857	5,689
United Kingdom	0	0	0	0	0	0	0
Total LNG Imports	2,883	4,083	4,871	2,811	3,214	2,860	5,689
CNG							
Canada	24	22	36	26	23	34	15
Total CNG Imports	24	22	36	26	23	34	15
Total Imports	211,352	210,419	187,478	186,518	190,049	213,231	238,328
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	1.87	1.58	1.53	1.58	1.49	1.62	1.94
Mexico	7.81	1.89	0.84	1.51	1.26	1.64	2.11
Total Pipeline Imports	1.88	1.58	1.53	1.58	1.49	1.62	1.94
LNG							
By Truck							
Canada	5.31	9.96	--	5.75	--	6.30	6.74
By Vessel							
France	--	--	--	--	--	--	--
Nigeria	--	--	1.84	--	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	1.50	4.59	1.33	4.26	1.48	4.34	5.66
United Kingdom	--	--	--	--	--	--	--
Total LNG Imports	1.52	4.59	1.61	4.26	1.48	4.34	5.67
CNG							
Canada	2.39	2.24	2.13	2.37	2.27	2.92	3.99
Total CNG Imports	2.39	2.24	2.13	2.37	2.27	2.92	3.99
Total Imports	1.90	1.73	1.57	1.68	1.51	1.71	2.16
Net Imports - Volume	-147,807	-138,748	-151,009	-208,954	-230,717	-284,206	-215,917

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2019-2021

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

	2020						2019
	January	Total	December	November	October	September	August
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	248,524	2,686,564	244,590	220,843	204,908	208,201	217,054
Mexico	300	1,873	949	109	69	63	114
Total Pipeline Imports	248,824	2,688,436	245,539	220,952	204,977	208,264	217,167
LNG							
By Truck							
Canada	1	226	3	1	*	0	*
By Vessel							
France	0	2,651	0	0	0	0	0
Nigeria	1,584	3,154	3,154	0	0	0	0
Norway	3,032	0	0	0	0	0	0
Trinidad/Tobago	8,602	46,872	7,323	2,780	5,532	0	2,886
United Kingdom	0	0	0	0	0	0	0
Total LNG Imports	13,218	52,903	10,481	2,781	5,532	0	2,886
CNG							
Canada	38	377	33	31	28	22	23
Total CNG Imports	38	377	33	31	28	22	23
Total Imports	262,080	2,741,717	256,053	223,765	210,537	208,286	220,076
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.43	2.44	2.84	2.66	1.96	1.65	1.63
Mexico	2.34	2.83	2.72	2.71	2.28	2.09	2.24
Total Pipeline Imports	2.43	2.44	2.84	2.66	1.96	1.65	1.63
LNG							
By Truck							
Canada	8.81	7.19	9.98	8.98	6.33	--	6.00
By Vessel							
France	--	10.39	--	--	--	--	--
Nigeria	5.30	5.56	5.56	--	--	--	--
Norway	6.16	--	--	--	--	--	--
Trinidad/Tobago	6.11	7.40	6.42	7.12	4.65	--	4.57
United Kingdom	--	--	--	--	--	--	--
Total LNG Imports	6.03	7.44	6.17	7.12	4.65	--	4.57
CNG							
Canada	7.16	3.43	5.80	4.52	2.48	0.36	0.61
Total CNG Imports	7.16	3.43	5.80	4.52	2.48	0.36	0.61
Total Imports	2.91	2.54	3.23	2.80	2.15	1.65	1.73
Net Imports - Volume	-248,363	-1,914,608	-224,953	-217,597	-215,237	-186,225	-164,907

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2019-2021

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

	2019						
	July	June	May	April	March	February	January
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	227,488	201,069	207,535	203,620	249,309	225,650	276,296
Mexico	62	64	78	65	133	100	67
Total Pipeline Imports	227,550	201,133	207,613	203,685	249,443	225,750	276,363
LNG							
By Truck							
Canada	*	5	9	31	44	56	78
By Vessel							
France	0	0	0	0	0	0	2,651
Nigeria	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	2,832	0	0	2,811	3,456	7,499	11,753
United Kingdom	0	0	0	0	0	0	0
Total LNG Imports	2,832	5	9	2,842	3,499	7,555	14,482
CNG							
Canada	26	26	29	32	47	39	42
Total CNG Imports	26	26	29	32	47	39	42
Total Imports	230,407	201,163	207,651	206,559	252,989	233,344	290,886
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	1.72	1.54	1.81	1.97	3.63	3.60	3.55
Mexico	2.29	2.08	1.89	2.40	4.06	5.29	3.55
Total Pipeline Imports	1.72	1.54	1.81	1.97	3.63	3.60	3.55
LNG							
By Truck							
Canada	6.33	8.44	7.66	7.20	7.07	7.06	7.08
By Vessel							
France	--	--	--	--	--	--	10.39
Nigeria	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	6.73	--	--	7.33	7.71	8.98	9.14
United Kingdom	--	--	--	--	--	--	--
Total LNG Imports	6.73	8.44	7.66	7.32	7.70	8.97	9.36
CNG							
Canada	0.68	0.85	0.94	1.57	3.48	6.48	8.08
Total CNG Imports	0.68	0.85	0.94	1.57	3.48	6.48	8.08
Total Imports	1.86	1.54	1.81	2.14	3.79	4.06	4.30
Net Imports - Volume	-162,993	-159,063	-160,917	-131,654	-120,550	-96,610	-73,900

^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.

-- Not applicable.

* Volume is less than 500 Mcf.

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. Prices are in nominal dollars. LNG prices are a volume-weighted average of the prices reported by cargo. See the "LNG Monthly" (<https://www.energy.gov/fe/services/natural-gas-regulation>) from the Office of Fossil Energy, U.S. Department of Energy, for more information on what is included in the individual LNG prices.

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

Table 5. U.S. natural gas exports, 2019-2021

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

	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	469,082	469,153	475,335	69,528	70,561	74,567	91,301
Mexico	1,057,068	925,210	885,213	194,753	189,018	179,505	183,051
Total Pipeline Exports	1,526,150	1,394,363	1,360,548	264,281	259,579	254,072	274,352
LNG							
Exports							
By Vessel							
Argentina	42,261	10,601	26,227	19,312	16,226	4,485	2,238
Bahamas	235	108	89	48	45	46	39
Bangladesh	27,374	7,046	0	3,493	6,948	10,219	3,566
Barbados	120	142	96	22	19	30	14
Belgium	5,584	25,028	3,390	0	2,100	0	3,484
Brazil	119,861	25,762	21,739	32,293	19,726	11,615	21,977
Chile	65,519	48,513	47,567	0	17,598	10,293	21,320
China	197,719	53,374	6,851	42,319	37,731	46,837	28,476
Colombia	892	1,528	5,869	0	0	892	0
Croatia	17,320	0	0	2,923	3,364	3,666	7,367
Dominican Republic	31,019	7,264	4,049	4,670	5,283	2,905	5,577
Egypt	0	0	0	0	0	0	0
France	103,845	76,456	51,870	3,683	11,926	36,120	33,678
Greece	14,201	27,908	6,891	0	6,796	0	6,805
Haiti	65	53	4	18	12	3	10
India	110,037	57,863	45,364	16,503	28,259	13,752	17,381
Israel	6,051	6,474	0	0	0	3,225	2,826
Italy	23,983	55,404	30,272	3,425	2,923	6,896	10,739
Jamaica	16,752	9,554	5,211	2,927	2,925	2,370	2,458
Japan	203,873	129,133	70,920	39,783	25,058	28,756	27,673
Jordan	0	3,294	21,990	0	0	0	0
Kuwait	14,653	3,297	3,502	7,126	0	3,705	3,821
Lithuania	19,492	9,467	0	3,285	3,049	3,078	3,228
Malaysia	0	0	0	0	0	0	0
Malta	2,928	2,648	413	0	0	2,928	0
Mexico	13,354	16,968	75,633	0	0	0	0
Netherlands	96,630	58,553	40,896	3,030	26,611	17,060	24,204
Pakistan	13,801	10,224	6,647	3,376	0	3,323	3,421
Panama	6,136	7,384	9,743	0	2,341	0	3,279
Poland	32,204	26,709	16,877	10,635	3,581	7,382	3,507
Portugal	27,021	16,964	24,406	5,538	10,765	7,358	0
Singapore	17,378	10,610	21,032	0	3,089	7,297	3,303
South Korea	229,868	156,835	104,215	55,918	46,033	21,683	32,203
Spain	61,051	130,251	62,026	7,833	5,234	22,974	13,900
Taiwan	43,618	33,035	9,658	3,097	10,157	6,594	13,450
Thailand	10,841	25,664	3,401	0	3,453	7,388	0
Turkey	53,947	84,120	19,281	0	3,017	0	3,619
United Arab Emirates	0	3,474	10,247	0	0	0	0
United Kingdom	97,682	79,514	17,753	0	10,586	13,877	17,440
By Truck							
Canada	40	2	1	7	18	15	0
Mexico	366	434	478	105	48	48	19
Re-Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Japan	0	305	0	0	0	0	0
South Korea	0	305	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Total LNG Exports	1,727,720	1,222,265	774,608	271,368	314,922	306,818	321,023
CNG							
Canada	0	222	130	0	0	0	0
Total CNG Exports	0	222	130	0	0	0	0
Total Exports	3,253,870	2,616,850	2,135,286	535,650	574,501	560,890	595,375

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2019-2021

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

	2021			2020			
	February	January	Total	December	November	October	September
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	78,198	84,927	902,449	84,307	81,358	72,833	62,211
Mexico	137,381	173,360	1,990,809	164,577	166,135	185,799	182,068
Total Pipeline Exports	215,579	258,287	2,893,258	248,884	247,493	258,632	244,279
LNG							
Exports							
By Vessel							
Argentina	0	0	15,068	0	0	0	0
Bahamas	29	28	257	36	31	25	20
Bangladesh	0	3,148	10,660	0	0	0	0
Barbados	19	17	241	25	15	17	14
Belgium	0	0	31,946	0	3,633	3,285	0
Brazil	13,118	21,132	111,826	29,927	30,191	22,427	0
Chile	6,524	9,784	80,615	9,793	3,252	6,836	3,277
China	3,415	38,940	214,401	45,525	45,083	35,115	11,245
Colombia	0	0	4,626	0	0	0	2,548
Croatia	0	0	3,275	3,275	0	0	0
Dominican Republic	5,689	6,895	26,050	5,000	5,106	5,909	0
Egypt	0	0	0	0	0	0	0
France	14,851	3,587	90,237	3,752	3,390	6,639	0
Greece	0	600	48,403	3,382	3,543	0	7,027
Haiti	11	12	118	17	11	9	8
India	13,776	20,367	124,402	10,241	10,299	17,762	10,514
Israel	0	0	15,834	0	0	0	3,041
Italy	0	0	68,453	0	3,083	0	0
Jamaica	2,365	3,708	17,052	2,374	0	2,514	2,610
Japan	18,271	64,331	287,672	54,004	32,967	31,554	6,855
Jordan	0	0	6,872	0	0	0	3,578
Kuwait	0	0	17,293	0	0	3,603	3,508
Lithuania	6,851	0	28,879	6,291	3,621	6,191	3,308
Malaysia	0	0	0	0	0	0	0
Malta	0	0	2,648	0	0	0	0
Mexico	13,354	0	34,408	0	3,056	7,398	3,285
Netherlands	22,777	2,949	85,573	3,316	6,684	3,603	6,671
Pakistan	0	3,682	36,934	0	3,436	10,009	9,853
Panama	0	516	12,764	271	1,448	433	3,228
Poland	7,099	0	36,900	7,033	0	3,157	0
Portugal	3,360	0	36,922	3,711	5,830	3,564	6,853
Singapore	0	3,688	28,341	0	7,658	3,416	0
South Korea	18,094	55,936	316,227	39,617	49,103	14,239	32,126
Spain	3,733	7,377	199,966	13,583	9,907	14,118	15,206
Taiwan	0	10,319	64,363	12,470	6,216	3,636	9,007
Thailand	0	0	32,622	0	3,705	0	0
Turkey	20,652	26,659	123,957	20,188	12,817	0	3,611
United Arab Emirates	0	0	10,110	0	0	0	0
United Kingdom	34,343	21,436	160,199	30,378	26,544	17,191	3,664
By Truck							
Canada	0	0	10	8	0	0	0
Mexico	63	83	822	46	52	68	73
Re-Exports							
By Vessel							
Argentina	0	0	2,164	0	0	0	0
Brazil	0	0	82	0	0	82	0
Japan	0	0	387	0	0	82	0
South Korea	0	0	387	0	0	82	0
United Kingdom	0	0	0	0	0	0	0
Total LNG Exports	208,394	305,196	2,389,963	304,263	280,682	222,963	151,128
CNG							
Canada	0	0	386	29	35	26	17
Total CNG Exports	0	0	386	29	35	26	17
Total Exports	423,972	563,483	5,283,607	553,176	528,210	481,621	395,424

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2019-2021

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

							2020
	August	July	June	May	April	March	February
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	60,810	71,778	66,516	67,752	71,722	86,579	77,354
Mexico	185,867	181,152	162,927	145,242	138,544	166,550	151,071
Total Pipeline Exports	246,677	252,930	229,442	212,994	210,266	253,130	228,425
LNG							
Exports							
By Vessel							
Argentina	2,249	2,218	2,229	8,372	0	0	0
Bahamas	21	15	18	20	23	20	13
Bangladesh	0	3,614	0	3,406	0	0	0
Barbados	14	15	20	20	15	28	26
Belgium	0	0	0	1,348	3,324	3,724	9,872
Brazil	3,520	0	0	0	0	6,891	10,433
Chile	7,428	1,515	3,313	11,068	14,098	3,216	10,731
China	13,699	10,358	0	14,535	21,140	17,699	0
Colombia	550	0	0	0	0	0	1,003
Croatia	0	0	0	0	0	0	0
Dominican Republic	2,772	0	0	2,554	1,838	2,872	0
Egypt	0	0	0	0	0	0	0
France	0	0	0	9,546	16,336	23,491	20,520
Greece	0	6,544	1,076	3,430	3,233	8,892	0
Haiti	11	8	7	10	8	9	11
India	10,319	7,404	10,100	10,534	16,674	17,245	0
Israel	3,001	3,317	3,277	0	0	3,197	0
Italy	6,734	3,232	12,998	6,452	3,135	9,895	16,616
Jamaica	0	0	0	0	5,770	1	2,914
Japan	22,541	10,618	21,836	13,729	18,387	21,845	21,360
Jordan	0	0	0	3,294	0	0	0
Kuwait	6,886	0	0	0	3,297	0	0
Lithuania	0	0	3,049	3,473	2,945	0	0
Malaysia	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	48
Mexico	3,701	0	0	0	0	7,037	3,167
Netherlands	0	6,746	6,870	6,826	10,305	13,772	14,099
Pakistan	3,412	0	0	0	3,334	0	3,567
Panama	0	0	0	3,070	0	906	3,408
Poland	0	0	3,385	6,258	3,523	3,583	6,677
Portugal	0	0	0	0	10,777	0	6,187
Singapore	2,967	3,690	0	0	0	10,610	0
South Korea	13,814	10,492	28,171	20,921	24,258	28,095	11,071
Spain	3,222	13,679	9,640	29,360	22,943	23,657	20,240
Taiwan	0	0	2,953	6,662	0	6,987	7,115
Thailand	0	3,254	0	7,397	11,049	3,783	3,435
Turkey	0	3,222	0	6,661	14,030	6,489	24,303
United Arab Emirates	3,359	3,277	0	3,474	0	0	0
United Kingdom	0	2,908	0	0	0	20,202	28,884
By Truck							
Canada	0	0	0	0	0	0	0
Mexico	78	72	61	18	23	123	87
Re-Exports							
By Vessel							
Argentina	2,164	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Japan	0	0	0	0	0	0	0
South Korea	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Total LNG Exports	112,462	96,200	109,002	182,438	210,466	244,269	225,786
CNG							
Canada	20	37	43	39	35	38	34
Total CNG Exports	20	37	43	39	35	38	34
Total Exports	359,159	349,167	338,486	395,472	420,767	497,437	454,245

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2019-2021

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

	2020						2019
	January	Total	December	November	October	September	August
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	99,231	971,334	109,175	92,089	76,246	71,573	78,302
Mexico	160,875	1,865,329	151,308	158,633	171,535	162,649	168,089
Total Pipeline Exports	260,106	2,836,662	260,483	250,722	247,781	234,222	246,391
LNG							
Exports							
By Vessel							
Argentina	0	39,293	0	0	0	0	0
Bahamas	15	156	11	14	8	2	20
Bangladesh	3,640	3,419	3,419	0	0	0	0
Barbados	33	211	20	20	25	17	17
Belgium	6,761	23,897	10,407	3,293	3,402	3,404	0
Brazil	8,438	54,298	0	3,279	3,345	6,117	12,868
Chile	6,087	90,357	7,207	3,484	6,608	9,811	6,297
China	0	6,851	0	0	0	0	0
Colombia	525	6,518	0	0	0	0	649
Croatia	0	0	0	0	0	0	0
Dominican Republic	0	10,334	501	0	2,927	2,857	0
Egypt	0	0	0	0	0	0	0
France	6,563	117,791	14,758	26,946	14,228	6,740	3,249
Greece	11,276	14,643	7,752	0	0	0	0
Haiti	7	42	12	8	4	9	3
India	3,309	91,481	7,090	6,933	6,961	14,355	7,294
Israel	0	0	0	0	0	0	0
Italy	6,308	68,655	12,764	6,345	0	3,230	6,082
Jamaica	869	13,892	2,435	2,464	0	0	2,946
Japan	*31,975	201,085	21,226	17,603	24,504	28,084	17,506
Jordan	0	32,332	0	0	0	3,616	3,277
Kuwait	0	10,308	0	0	0	0	3,401
Lithuania	0	3,455	3,455	0	0	0	0
Malaysia	0	3,698	0	3,698	0	0	0
Malta	2,600	413	0	0	0	0	0
Mexico	6,764	143,371	9,696	3,273	6,437	10,442	13,681
Netherlands	6,681	81,361	13,405	10,099	3,456	3,431	6,688
Pakistan	3,323	26,787	3,253	3,247	3,472	6,512	0
Panama	0	10,221	0	478	0	0	0
Poland	3,282	38,042	7,013	3,432	3,489	0	3,537
Portugal	0	53,342	6,345	0	6,621	2,924	6,051
Singapore	0	31,440	3,375	0	3,463	0	0
South Korea	*44,320	270,025	38,139	24,962	42,233	10,818	16,995
Spain	24,412	166,684	13,874	19,985	13,704	37,938	15,861
Taiwan	9,317	27,397	3,658	3,736	3,138	0	7,207
Thailand	0	6,635	0	0	0	3,234	0
Turkey	32,637	30,611	536	7,266	3,528	0	0
United Arab Emirates	0	20,561	0	0	0	3,325	3,502
United Kingdom	30,428	118,662	30,054	39,957	26,260	3,303	1,335
By Truck							
Canada	2	25	0	1	14	9	0
Mexico	122	1,105	93	86	139	95	113
Re-Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Japan	305	0	0	0	0	0	0
South Korea	305	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Total LNG Exports	250,305	1,819,399	220,498	190,610	177,966	160,274	138,578
CNG							
Canada	33	263	25	30	28	15	15
Total CNG Exports	33	263	25	30	28	15	15
Total Exports	510,444	4,656,324	481,006	441,362	425,775	394,511	384,983

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2019-2021

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

	2019						
	July	June	May	April	March	February	January
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	68,613	61,809	70,182	71,333	93,182	91,561	87,269
Mexico	167,902	156,440	153,452	139,750	149,514	135,514	150,544
Total Pipeline Exports	236,515	218,249	223,633	211,083	242,696	227,074	237,813
LNG							
Exports							
By Vessel							
Argentina	13,066	13,120	8,737	4,369	0	0	0
Bahamas	11	25	14	14	11	14	11
Bangladesh	0	0	0	0	0	0	0
Barbados	17	13	21	17	14	14	17
Belgium	0	0	0	0	3,390	0	0
Brazil	6,949	9,116	4,905	1,201	3,283	3,234	0
Chile	9,382	19,012	6,188	9,429	10,005	2,933	0
China	0	0	0	0	0	3,464	3,387
Colombia	0	0	0	0	2,935	0	2,934
Croatia	0	0	0	0	0	0	0
Dominican Republic	0	1,108	0	0	0	2,942	0
Egypt	0	0	0	0	0	0	0
France	0	0	6,621	17,092	20,853	0	7,303
Greece	0	0	3,497	0	0	3,394	0
Haiti	2	3	0	2	0	0	0
India	3,485	3,215	13,942	6,742	7,446	6,989	7,030
Israel	0	0	0	0	0	0	0
Italy	9,963	3,072	6,560	0	6,684	3,454	10,502
Jamaica	837	0	2,890	0	2,320	0	0
Japan	21,242	14,582	7,149	14,231	7,143	10,320	17,495
Jordan	3,449	7,342	7,332	3,622	0	3,695	0
Kuwait	3,405	0	3,502	0	0	0	0
Lithuania	0	0	0	0	0	0	0
Malaysia	0	0	0	0	0	0	0
Malta	0	0	0	413	0	0	0
Mexico	24,209	16,955	20,244	10,406	7,038	6,681	14,310
Netherlands	3,386	3,310	10,734	13,010	10,452	3,390	0
Pakistan	3,656	0	0	0	3,282	3,365	0
Panama	0	3,282	0	0	3,191	3,269	0
Poland	3,694	0	0	3,414	3,701	0	9,762
Portugal	6,994	6,908	0	3,489	0	3,720	10,289
Singapore	3,570	3,435	3,397	320	6,631	7,249	0
South Korea	32,663	20,402	18,069	13,000	18,013	17,750	16,981
Spain	3,297	13,506	14,325	10,139	10,678	6,748	6,631
Taiwan	0	0	3,309	6,349	0	0	0
Thailand	0	0	3,401	0	0	0	0
Turkey	0	0	0	2,969	0	6,483	9,829
United Arab Emirates	3,487	3,459	0	6,787	0	0	0
United Kingdom	0	0	0	0	3,669	3,711	10,373
By Truck							
Canada	0	0	0	0	0	1	0
Mexico	101	92	75	87	73	48	104
Re-Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Japan	0	0	0	0	0	0	0
South Korea	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
Total LNG Exports	156,865	141,956	144,913	127,102	130,814	102,866	126,957
CNG							
Canada	20	20	22	28	29	15	16
Total CNG Exports	20	20	22	28	29	15	16
Total Exports	393,400	360,226	368,568	338,213	373,539	329,954	364,787

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2019-2021

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

	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Exports							
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	3.06	1.93	3.14	3.07	2.84	2.58	2.86
Mexico	6.11	1.85	2.82	3.32	3.09	2.78	2.93
Total Pipeline Exports	5.17	1.88	2.94	3.25	3.02	2.72	2.91
LNG							
Exports							
By Vessel							
Argentina	6.18	4.83	5.08	6.18	6.11	6.25	6.55
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	5.76	5.03	--	6.08	7.01	5.56	6.07
Barbados	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Belgium	5.67	3.66	6.72	--	7.35	--	4.65
Brazil	6.69	4.64	5.04	6.73	6.08	5.81	6.53
Chile	6.27	5.01	4.12	--	6.55	5.95	6.15
China	6.21	4.62	6.20	6.63	6.43	5.76	6.39
Colombia	6.25	5.31	3.88	--	--	6.25	--
Croatia	6.55	--	--	6.70	6.67	6.25	6.58
Dominican Republic	6.94	5.20	4.27	7.48	6.59	5.90	6.14
Egypt	--	--	--	--	--	--	--
France	6.33	5.17	4.86	4.60	6.95	5.76	6.75
Greece	5.71	5.94	5.38	--	6.11	--	5.33
Haiti	10.39	10.39	10.39	10.39	10.39	10.39	10.39
India	6.22	4.85	4.63	6.60	6.36	5.48	6.07
Israel	5.74	4.68	--	--	--	5.11	6.46
Italy	6.30	5.25	5.04	4.18	6.11	6.88	6.65
Jamaica	6.43	5.23	4.61	6.70	6.63	6.22	6.55
Japan	6.60	5.86	6.75	7.16	6.94	6.06	7.01
Jordan	--	4.80	3.20	--	--	--	--
Kuwait	6.32	4.56	3.94	6.45	--	5.75	6.64
Lithuania	6.50	4.40	--	6.91	6.61	6.16	7.08
Malaysia	--	--	--	--	--	--	--
Malta	6.22	5.33	3.76	--	--	6.22	--
Mexico	5.68	4.53	4.45	--	--	--	--
Netherlands	6.04	5.23	4.64	6.70	6.30	6.18	5.81
Pakistan	5.61	3.73	5.06	3.56	--	6.00	8.42
Panama	6.56	6.77	7.69	--	7.35	--	6.07
Poland	7.06	4.52	6.37	8.10	6.61	6.15	6.55
Portugal	5.21	5.03	5.02	5.10	4.70	5.96	--
Singapore	5.32	4.18	4.92	--	6.67	4.77	4.37
South Korea	6.29	5.24	3.87	6.52	6.81	6.21	5.48
Spain	6.24	5.41	5.30	5.91	6.77	6.34	5.95
Taiwan	5.71	4.90	4.28	5.58	6.65	5.42	5.59
Thailand	4.90	4.59	6.42	--	6.66	4.08	--
Turkey	6.51	5.28	5.53	--	6.42	--	6.59
United Arab Emirates	--	5.28	3.27	--	--	--	--
United Kingdom	6.19	5.42	4.96	--	5.78	6.91	6.47
By Truck							
Canada	11.32	7.70	8.93	11.64	11.34	11.14	--
Mexico	10.10	8.32	9.20	10.26	10.47	11.66	10.39
Re-Exports							
By Vessel							
Argentina	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--
Japan	--	9.07	--	--	--	--	--
South Korea	--	9.07	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--
Total LNG Exports	6.28	5.17	4.88	6.57	6.46	5.92	6.25
CNG							
Canada	--	2.71	4.77	--	--	--	--
Total CNG Exports	--	2.71	4.77	--	--	--	--
Total Exports	5.76	3.42	3.64	4.93	4.91	4.47	4.71

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2019-2021

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

	2021		Total	December	November	October	2020 September
	February	January					
Exports							
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	4.03	2.99	2.06	2.80	2.53	2.05	2.00
Mexico	26.96	2.84	2.12	2.87	2.83	2.21	2.30
Total Pipeline Exports	18.64	2.89	2.10	2.85	2.73	2.17	2.23
LNG							
Exports							
By Vessel							
Argentina	--	--	\$5.04	--	--	--	--
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	--	2.95	5.17	--	--	--	--
Barbados	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Belgium	--	--	4.27	--	7.24	5.63	--
Brazil	7.51	7.35	\$6.28	6.59	7.10	\$7.24	--
Chile	6.97	5.91	5.49	5.99	6.01	5.39	6.20
China	4.46	6.09	5.82	6.33	6.33	5.50	6.65
Colombia	--	--	5.83	--	--	--	6.23
Croatia	--	--	6.75	6.75	--	--	--
Dominican Republic	8.99	6.23	5.78	6.32	6.11	5.92	--
Egypt	--	--	--	--	--	--	--
France	6.72	6.09	5.17	7.12	6.19	3.54	--
Greece	--	5.56	5.86	6.08	6.11	--	4.52
Haiti	10.39	10.39	10.39	10.39	10.39	10.39	10.39
India	6.62	6.10	5.39	6.33	6.73	5.17	5.67
Israel	--	--	5.17	--	--	--	6.23
Italy	--	--	5.27	--	8.49	--	--
Jamaica	6.43	6.09	4.92	6.27	--	4.25	3.19
Japan	6.60	6.20	6.38	6.78	6.95	\$6.75	5.37
Jordan	--	--	5.28	--	--	--	5.71
Kuwait	--	--	5.61	--	--	5.14	5.67
Lithuania	6.14	--	5.17	6.28	6.41	3.64	6.72
Malaysia	--	--	--	--	--	--	--
Malta	--	--	5.33	--	--	--	--
Mexico	5.68	--	5.02	--	6.73	5.26	5.70
Netherlands	5.87	5.57	5.51	8.37	6.30	5.10	5.37
Pakistan	--	4.54	4.70	--	6.11	5.60	5.16
Panama	--	6.09	6.98	6.08	6.11	5.64	8.10
Poland	6.95	--	5.13	7.25	--	5.50	--
Portugal	5.37	--	5.24	7.12	5.62	3.93	5.08
Singapore	--	6.11	5.30	--	6.29	5.63	--
South Korea	6.64	6.01	5.66	6.20	6.86	\$6.88	5.10
Spain	6.48	6.31	5.60	6.94	6.57	5.71	5.59
Taiwan	--	5.17	5.34	6.19	5.21	6.07	5.61
Thailand	--	--	4.80	--	6.22	--	--
Turkey	7.00	6.13	5.48	6.22	6.10	--	4.22
United Arab Emirates	--	--	5.91	--	--	--	--
United Kingdom	6.16	5.74	5.78	6.23	6.37	5.64	6.85
By Truck							
Canada	--	--	9.45	9.99	--	--	--
Mexico	9.52	9.16	8.20	8.45	8.62	7.50	8.57
Re-Exports							
By Vessel							
Argentina	--	--	1.86	--	--	--	--
Brazil	--	--	9.07	--	--	9.07	--
Japan	--	--	9.07	--	--	9.07	--
South Korea	--	--	9.07	--	--	9.07	--
United Kingdom	--	--	--	--	--	--	--
Total LNG Exports	6.52	6.08	5.64	6.48	6.58	5.80	5.53
CNG							
Canada	--	--	2.55	3.81	3.33	1.54	1.52
Total CNG Exports	--	--	2.55	3.81	3.33	1.54	1.52
Total Exports	12.68	4.62	3.70	4.84	4.77	3.85	3.49

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2019-2021

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

							2020
	August	July	June	May	April	March	February
Exports							
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	1.92	1.75	1.77	1.83	1.77	1.81	1.99
Mexico	2.18	1.86	1.78	2.04	1.63	1.71	1.90
Total Pipeline Exports	2.11	1.83	1.78	1.97	1.68	1.74	1.93
LNG							
Exports							
By Vessel							
Argentina	4.42	6.69	4.05	5.04	--	--	--
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	--	5.44	--	5.80	--	--	--
Barbados	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Belgium	--	--	--	5.28	3.38	2.17	3.68
Brazil	2.63	--	--	--	--	5.03	4.32
Chile	7.33	6.69	5.80	5.03	4.55	4.78	5.04
China	6.84	6.31	--	5.47	3.87	4.83	--
Colombia	5.38	--	--	--	--	--	5.37
Croatia	--	--	--	--	--	--	--
Dominican Republic	5.38	--	--	6.36	4.43	4.67	--
Egypt	--	--	--	--	--	--	--
France	--	--	--	5.98	5.25	5.29	5.08
Greece	--	6.67	5.47	5.08	5.08	5.18	--
Haiti	10.39	10.39	10.39	10.39	10.39	10.39	10.39
India	6.63	4.79	5.81	5.45	4.74	3.90	--
Israel	4.84	5.44	4.05	--	--	5.33	--
Italy	4.07	5.08	5.10	5.27	6.93	5.29	4.75
Jamaica	--	--	--	--	5.08	10.39	5.37
Japan	6.96	7.15	6.19	6.42	4.98	5.83	5.63
Jordan	--	--	--	4.80	--	--	--
Kuwait	6.33	--	--	--	4.56	--	--
Lithuania	--	--	5.20	5.28	2.56	--	--
Malaysia	--	--	--	--	--	--	--
Malta	--	--	--	--	--	--	5.39
Mexico	4.71	--	--	--	--	4.82	4.88
Netherlands	--	6.13	6.13	6.12	5.17	4.87	4.91
Pakistan	2.25	--	--	--	2.56	--	5.40
Panama	--	--	--	5.54	--	5.31	8.26
Poland	--	--	6.93	5.32	3.41	2.17	5.40
Portugal	--	--	--	--	5.14	--	4.84
Singapore	5.88	5.71	--	--	--	4.18	--
South Korea	5.23	4.91	5.20	5.31	5.36	5.16	5.37
Spain	5.50	5.32	5.85	5.31	4.68	5.41	5.33
Taiwan	--	--	4.05	5.97	--	5.34	3.65
Thailand	--	4.91	--	5.04	4.77	2.44	5.37
Turkey	--	5.08	--	6.77	4.72	5.31	5.15
United Arab Emirates	7.19	5.28	--	5.28	--	--	--
United Kingdom	--	4.91	--	--	--	4.68	5.52
By Truck							
Canada	--	--	--	--	--	--	--
Mexico	7.98	7.56	7.67	5.85	6.05	8.39	8.93
Re-Exports							
By Vessel							
Argentina	1.86	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--
Japan	--	--	--	--	--	--	--
South Korea	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--
Total LNG Exports	5.85	5.73	5.55	5.53	4.74	4.91	5.12
CNG							
Canada	1.68	1.51	1.37	1.65	1.50	2.13	3.20
Total CNG Exports	1.68	1.51	1.37	1.65	1.50	2.13	3.20
Total Exports	3.28	2.90	2.99	3.61	3.21	3.30	3.51

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2019-2021

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

	2020						2019
	January	Total	December	November	October	September	August
Exports							
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.25	2.77	2.61	2.84	2.20	2.22	2.15
Mexico	2.05	2.57	2.39	2.55	2.32	2.46	2.16
Total Pipeline Exports	2.13	2.64	2.48	2.66	2.28	2.38	2.15
LNG							
Exports							
By Vessel							
Argentina	--	5.14	--	--	--	--	--
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	4.31	5.03	5.03	--	--	--	--
Barbados	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Belgium	4.27	4.97	4.17	6.22	3.47	5.93	--
Brazil	4.71	5.18	--	6.75	6.02	5.82	4.83
Chile	5.68	4.68	5.77	5.80	4.65	5.52	5.80
China	--	6.20	--	--	--	--	--
Colombia	5.18	4.06	--	--	--	--	5.67
Croatia	--	--	--	--	--	--	--
Dominican Republic	--	4.51	6.08	--	5.51	3.53	--
Egypt	--	--	--	--	--	--	--
France	3.61	5.33	5.53	5.76	5.67	5.82	5.67
Greece	7.10	5.90	6.36	--	--	--	--
Haiti	10.39	10.39	10.39	10.39	10.39	10.39	10.39
India	5.49	4.97	5.47	7.16	4.65	5.15	3.98
Israel	--	--	--	--	--	--	--
Italy	5.98	4.99	4.69	4.99	--	5.81	4.31
Jamaica	5.71	5.29	6.08	6.22	--	--	5.15
Japan	¥6.09	6.55	6.33	7.31	6.27	5.58	6.88
Jordan	--	3.99	--	--	--	5.37	5.24
Kuwait	--	4.92	--	--	--	--	5.24
Lithuania	--	4.50	4.50	--	--	--	--
Malaysia	--	5.79	--	5.79	--	--	--
Malta	5.32	3.76	--	--	--	--	--
Mexico	4.08	4.53	4.37	5.80	6.18	3.85	3.65
Netherlands	4.87	4.78	5.98	4.79	6.55	3.21	3.86
Pakistan	3.13	5.44	3.92	6.22	5.58	5.61	--
Panama	--	7.62	--	6.22	--	--	--
Poland	2.48	5.72	5.88	5.18	6.03	--	5.15
Portugal	--	5.16	4.78	--	5.54	5.28	4.98
Singapore	--	5.25	6.60	--	5.58	--	--
South Korea	₩5.17	4.76	5.94	5.71	4.98	5.02	5.45
Spain	6.10	5.39	5.39	6.08	4.86	5.64	4.89
Taiwan	5.02	5.17	6.60	5.71	3.94	--	5.90
Thailand	--	6.12	--	--	--	5.81	--
Turkey	5.31	5.13	5.57	4.78	3.57	--	--
United Arab Emirates	--	3.99	--	--	--	3.22	5.24
United Kingdom	5.82	5.33	5.50	5.45	5.23	4.77	6.20
By Truck							
Canada	7.70	9.35	--	6.84	10.29	8.21	--
Mexico	8.94	9.13	9.43	10.07	9.41	8.53	8.41
Re-Exports							
By Vessel							
Argentina	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--
Japan	9.07	--	--	--	--	--	--
South Korea	9.07	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--
Total LNG Exports	5.42	5.20	5.55	5.84	5.31	5.28	5.13
CNG							
Canada	7.20	3.98	6.15	3.54	2.18	1.98	2.18
Total CNG Exports	7.20	3.98	6.15	3.54	2.18	1.98	2.18
Total Exports	3.74	3.64	3.89	4.03	3.55	3.56	3.23

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2019-2021

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

	2019						
	July	June	May	April	March	February	January
Exports							
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.31	2.39	2.55	2.72	3.49	3.38	3.89
Mexico	2.24	2.24	3.12	2.37	2.77	3.03	3.42
Total Pipeline Exports	2.26	2.28	2.94	2.49	3.04	3.17	3.60
LNG							
Exports							
By Vessel							
Argentina	5.24	4.99	5.02	5.51	--	--	--
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	--	--	--	--	--	--	--
Barbados	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Belgium	--	--	--	--	6.72	--	--
Brazil	4.57	4.44	5.79	6.62	3.41	6.64	--
Chile	4.64	4.77	3.07	4.21	3.41	4.35	--
China	--	--	--	--	--	4.97	7.47
Colombia	--	--	--	--	3.41	--	4.35
Croatia	--	--	--	--	--	--	--
Dominican Republic	--	6.27	--	--	--	3.52	--
Egypt	--	--	--	--	--	--	--
France	--	--	6.23	4.26	5.24	--	3.94
Greece	--	--	3.97	--	--	6.84	--
Haiti	10.39	10.39	--	10.39	--	--	--
India	6.09	5.23	4.11	3.48	3.67	5.53	6.60
Israel	--	--	--	--	--	--	--
Italy	5.37	3.15	4.40	--	5.20	4.72	6.00
Jamaica	5.05	--	3.07	--	6.52	--	--
Japan	6.82	4.30	7.94	6.40	8.00	7.98	7.37
Jordan	6.38	3.15	3.07	3.24	--	3.52	--
Kuwait	5.60	--	3.94	--	--	--	--
Lithuania	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--
Malta	--	--	--	3.76	--	--	--
Mexico	5.03	5.23	3.74	4.67	3.41	5.06	4.63
Netherlands	3.20	3.15	4.38	4.91	5.30	3.81	--
Pakistan	6.39	--	--	--	6.64	3.52	--
Panama	--	8.13	--	--	8.13	6.84	--
Poland	3.17	--	--	7.78	3.41	--	7.00
Portugal	5.75	4.24	--	3.66	--	3.97	6.39
Singapore	5.60	7.75	3.07	6.36	5.86	3.52	--
South Korea	4.81	3.54	3.12	4.74	3.41	4.12	4.63
Spain	4.81	4.87	5.19	4.80	4.88	5.05	8.11
Taiwan	--	--	4.37	4.23	--	--	--
Thailand	--	--	6.42	--	--	--	--
Turkey	--	--	--	3.76	--	6.64	5.33
United Arab Emirates	5.60	3.32	--	3.24	--	--	--
United Kingdom	--	--	--	--	5.15	3.52	5.40
By Truck							
Canada	--	--	--	--	--	8.93	--
Mexico	8.67	8.77	8.85	8.92	9.92	9.17	9.58
Re-Exports							
By Vessel							
Argentina	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--
Japan	--	--	--	--	--	--	--
South Korea	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--
Total LNG Exports	5.29	4.57	4.39	4.70	4.84	5.06	5.89
CNG							
Canada	2.21	2.43	2.49	3.28	5.11	7.70	10.05
Total CNG Exports	2.21	2.43	2.49	3.28	5.11	7.70	10.05
Total Exports	3.47	3.18	3.51	3.32	3.68	3.76	4.39

^R Revised data.

-- Not applicable.

Notes: 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. See the "LNG Monthly" (<https://www.energy.gov/fe/services/natural-gas-regulation>) from the Office of Fossil Energy, U.S. Department of Energy, for more information on what is included in the individual LNG prices.

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

Table 6. Gross withdrawals of natural gas in selected states and the Federal Gulf of Mexico, 2016-2021

(million cubic feet)

Year and Month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
2016 Total	3,230,193	823,196	205,025	1,688,375	244,795	1,793,406	52,146	1,282,666	608,849	1,437,285
2017 Total	3,250,769	694,676	212,458	1,710,643	219,639	2,148,704	49,437	1,323,019	688,600	1,791,359
2018 Total	3,254,712	589,985	202,617	1,853,423	201,391	2,839,919	47,074	1,540,984	860,817	2,403,382
2019										
January	310,266	47,446	16,800	166,769	16,063	259,623	4,161	142,627	84,087	213,497
February	267,519	42,215	15,513	149,485	14,237	242,606	3,419	132,022	73,584	192,836
March	285,430	46,206	16,922	164,312	15,820	268,119	3,892	149,298	86,921	213,497
April	289,532	44,463	16,548	161,421	15,613	261,358	4,099	148,707	84,810	208,200
May	285,820	44,901	16,754	166,681	14,898	271,046	4,295	157,742	87,276	215,140
June	253,806	42,696	16,254	163,253	15,558	266,291	4,148	149,425	86,610	208,200
July	234,661	43,847	16,890	166,891	15,695	278,730	4,159	155,186	91,339	235,693
August	224,286	43,500	16,969	168,283	15,638	277,340	4,106	165,938	93,503	235,693
September	242,655	41,793	16,262	159,742	15,038	267,192	4,057	163,746	88,517	228,090
October	269,362	43,088	16,228	174,804	15,157	280,028	4,083	163,155	95,540	236,995
November	287,298	41,725	15,659	172,823	14,436	271,304	3,956	157,056	94,335	229,350
December	299,717	42,825	16,024	179,366	14,944	286,637	3,981	167,818	95,383	236,995
Total	3,250,353	524,705	196,823	1,993,828	183,097	3,230,272	48,355	1,852,719	1,061,905	2,654,186
2020										
January	309,597	€42,586	€15,661	€178,274	€13,349	€279,644	€4,002	€170,490	€92,868	€210,045
February	291,392	€39,455	€14,414	€165,764	€13,487	€252,284	€3,692	€164,231	€89,958	€179,594
March	294,531	€41,233	€15,135	€177,840	€14,598	€266,678	€4,009	€175,537	€97,267	€199,544
April	278,310	€40,141	€14,685	€171,471	€13,802	€263,265	€3,480	€164,884	€82,554	€193,938
May	281,728	€41,498	€14,944	€167,088	€13,796	€274,241	€2,924	€156,039	€60,866	€207,596
June	264,810	€39,113	€14,620	€162,136	€13,173	€264,374	€3,006	€157,977	€59,200	€198,554
July	270,103	€40,172	€14,826	€169,040	€13,465	€266,066	€3,514	€169,499	€71,603	€209,347
August	257,269	€41,148	€13,115	€168,968	€13,292	€258,436	€3,537	€174,606	€81,418	€207,182
September	269,820	€39,501	€12,635	€162,697	€12,745	€255,214	€3,392	€171,239	€84,750	€198,167
October	293,942	€41,014	€12,391	€165,657	€12,623	€263,863	€3,564	€186,492	€89,313	€200,302
November	292,350	€39,388	€12,034	€159,832	€10,865	€267,513	€3,418	€180,321	€87,059	€196,183
December	325,407	€40,183	€12,247	€162,311	€12,770	€277,354	€3,473	€179,109	€86,893	€207,905
Total	3,429,259	€485,432	€166,709	€2,011,077	€157,963	€3,188,932	€42,011	€2,050,424	€983,749	€2,408,358
2021										
January	317,223	€39,964	€12,033	€160,140	€12,578	€272,241	€3,541	€183,238	€86,048	€206,660
February	279,748	€30,061	€10,749	€143,703	€9,965	€221,450	€3,074	€155,072	€73,383	€170,668
March	311,798	€39,947	€12,028	€156,848	€12,340	€281,914	€3,464	€191,096	€86,060	€189,405
April	292,320	RE37,926	RE11,685	RE156,322	RE12,316	RE277,430	RE3,411	RE188,663	RE85,140	RE183,444
May	295,399	RE38,731	RE12,174	RE162,513	RE12,643	RE288,138	RE3,553	RE199,774	RE89,518	RE187,669
June	271,770	€37,054	€11,712	€154,662	€12,335	€274,965	€3,224	€193,669	€86,436	€183,586
2021 6-Month YTD	1,768,258	€223,684	€70,381	€934,189	€72,176	€1,616,138	€20,267	€1,111,512	€506,584	€1,121,432
2020 6-Month YTD	1,720,368	€244,026	€89,459	€1,022,572	€82,204	€1,600,487	€21,112	€989,159	€482,714	€1,189,272
2019 6-Month YTD	1,692,373	267,928	98,791	971,921	92,188	1,569,041	24,014	879,820	503,288	1,251,370

See footnotes at end of table.

Table 6. Gross withdrawals of natural gas in selected states and the Federal Gulf of Mexico, 2016-2021

(million cubic feet) – continued

Year and Month	Oklahoma	Pennsylvania	Texas	Utah	West Virginia	Wyoming	Other States	Federal Gulf of Mexico	U.S. Total
2016 Total	2,468,312	5,210,209	8,156,296	365,268	1,384,458	1,848,623	571,820	1,220,656	32,591,578
2017 Total	2,513,897	5,453,638	8,079,974	315,211	1,514,278	1,715,732	531,860	1,078,218	33,292,113
2018 Total	2,875,787	6,264,832	9,109,174	295,826	1,771,698	1,720,897	500,318	992,704	37,325,539
2019									
January	262,662	576,440	829,558	23,200	169,050	130,338	40,363	91,603	3,384,552
February	240,995	519,802	760,539	21,049	154,910	122,593	35,814	78,045	3,067,183
March	265,283	578,820	843,140	23,387	171,516	130,346	39,766	93,518	3,396,193
April	262,767	560,062	825,339	22,794	167,816	128,707	38,661	88,573	3,329,471
May	269,586	571,803	868,788	23,623	171,305	133,657	39,304	89,452	3,432,069
June	259,034	556,708	845,821	22,904	174,784	129,676	38,302	83,553	3,317,023
July	268,965	583,186	887,477	23,091	180,524	118,762	38,694	68,553	3,412,343
August	268,025	585,405	906,973	23,374	181,927	124,777	38,858	92,646	3,467,241
September	265,447	568,646	878,371	22,150	181,343	132,353	37,610	85,631	3,398,645
October	278,887	589,800	917,059	22,494	201,950	135,881	37,852	88,260	3,570,623
November	263,368	597,779	878,332	21,704	196,185	128,747	37,184	85,169	3,496,408
December	269,990	608,342	914,055	22,099	204,446	131,667	37,503	88,918	3,620,708
Total	3,175,008	6,896,792	10,355,453	271,870	2,155,757	1,547,504	459,910	1,033,922	40,892,458
2020									
January	€263,734	€607,697	€921,141	€21,856	€205,973	€129,695	€37,032	€86,292	€3,589,935
February	€243,139	€579,980	€858,766	€20,472	€197,173	€114,080	€34,383	€79,779	€3,342,042
March	€257,387	€616,101	€926,457	€21,805	€207,724	€123,255	€36,145	€86,221	€3,561,468
April	€235,642	€599,921	€860,433	€20,462	€202,046	€118,007	€30,059	€79,010	€3,372,112
May	€217,154	€598,263	€816,636	€19,555	€213,671	€113,117	€34,580	€64,464	€3,298,160
June	€222,324	€569,002	€816,190	€19,317	€215,274	€110,228	€33,696	€61,826	€3,224,821
July	€226,843	€614,943	€853,383	€20,241	€222,115	€114,460	€34,981	€68,578	€3,383,178
August	€226,344	€630,016	€877,821	€19,713	€224,409	€112,459	€33,694	€44,206	€3,387,632
September	€222,010	€582,197	€830,886	€19,027	€218,495	€109,617	€32,362	€48,319	€3,273,072
October	€219,403	€616,334	€846,771	€19,777	€225,807	€109,820	€34,537	€37,767	€3,379,378
November	€224,327	€619,815	€832,033	€18,991	€224,659	€109,488	€33,118	€58,998	€3,370,393
December	€228,057	€655,636	€850,512	€19,165	€237,246	€110,103	€33,978	€65,222	€3,507,572
Total	€2,786,366	€7,289,906	€10,291,02	€240,382	€2,594,591	€1,374,329	€408,565	€780,682	€40,689,764
2021									
January	€221,544	€657,704	€863,623	€19,235	€234,432	€112,203	€33,772	€69,761	€3,505,939
February	€163,094	€585,221	€655,704	€17,815	€208,571	€101,571	€30,191	€63,571	€2,923,611
March	€220,130	€647,681	€860,109	€20,356	€227,218	€112,820	€34,461	€74,323	€3,481,997
April	RE214,334	RE618,509	RE865,071	€19,861	RE229,075	RE108,858	RE33,163	RE71,089	RE3,408,617
May	RE222,423	RE640,431	RE893,955	RE20,294	RE240,983	RE110,855	RE33,849	RE69,060	RE3,521,964
June	€212,928	€623,850	€865,962	€19,526	€234,192	€108,025	€32,500	€69,667	€3,396,062
2021 6-Month YTD	€1,254,455	€3,773,395	€5,004,423	€117,087	€1,374,471	€654,332	€197,937	€417,472	€20,238,191
2020 6-Month YTD	€1,439,381	€3,570,965	€5,199,623	€123,469	€1,241,860	€708,381	€205,895	€457,593	€20,388,539
2019 6-Month YTD	1,560,327	3,363,634	4,973,185	136,957	1,009,381	775,317	232,210	524,745	19,926,491

E Estimated data.

RE Revised estimated data.

Notes: 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 are individually collected 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 2020, 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 due to independent rounding.

Sources: 2016-2019: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2019*, Bureau of Safety and Environmental Enforcement (BSEE), IHS Markit, Enverus, and BENTEK Energy. January 2020 through current month: Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; and EIA computations.

Table 7. Marketed production of natural gas in selected states and the Federal Gulf of Mexico, 2016-2021
(million cubic feet)

Year and Month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
2016 Total	332,749	823,196	205,025	1,685,755	244,795	1,784,396	47,921	1,229,647	531,997	1,437,285
2017 Total	344,385	694,676	212,458	1,706,364	219,639	2,139,830	46,311	1,299,732	593,998	1,791,359
2018 Total	341,315	589,985	202,617	1,847,402	201,391	2,832,404	43,530	1,493,082	706,552	2,403,382
2019										
January	30,503	47,446	16,800	166,325	16,063	259,035	3,773	137,823	67,939	213,497
February	26,728	42,215	15,513	149,040	14,237	242,105	3,094	128,379	59,030	192,836
March	29,346	46,206	16,922	163,990	15,820	267,517	3,505	144,822	68,666	213,497
April	28,816	44,463	16,548	161,094	15,613	260,790	3,551	142,363	67,998	208,200
May	29,028	44,901	16,754	166,254	14,898	270,459	3,814	154,100	70,250	215,140
June	26,889	42,696	16,254	162,749	15,558	265,731	3,756	142,240	65,418	208,200
July	25,348	43,847	16,890	166,425	15,695	278,216	3,782	148,454	70,026	235,693
August	22,876	43,500	16,969	167,799	15,638	276,770	3,732	157,091	75,259	235,693
September	24,494	41,793	16,262	159,310	15,038	266,661	3,667	156,608	72,447	228,090
October	27,409	43,088	16,228	174,373	15,157	279,489	3,607	156,870	78,045	236,995
November	28,256	41,725	15,659	172,363	14,436	270,787	3,474	153,617	77,478	229,350
December	29,669	42,825	16,024	178,991	14,944	286,082	3,507	164,968	79,195	236,995
Total	329,361	524,705	196,823	1,988,714	183,097	3,223,642	43,263	1,787,334	851,750	2,654,186
2020										
January	30,018	£42,586	£15,661	£177,810	£13,349	£279,056	£3,580	£164,472	£74,489	£210,045
February	28,537	£39,455	£14,414	£165,333	£13,487	£251,755	£3,303	£158,434	£72,155	£179,594
March	29,219	£41,233	£15,135	£177,377	£14,598	£266,118	£3,587	£169,340	£78,018	£199,544
April	27,513	£40,141	£14,685	£171,025	£13,802	£262,712	£3,113	£159,064	£66,217	£193,938
May	27,076	£41,498	£14,944	£166,654	£13,796	£273,665	£2,616	£150,531	£48,821	£207,596
June	25,545	£39,113	£14,620	£161,714	£13,173	£263,819	£2,689	£152,401	£47,485	£198,554
July	26,779	£40,172	£14,826	£168,601	£13,465	£265,507	£3,144	£163,516	£57,433	£209,347
August	26,846	£41,148	£13,115	£168,528	£13,292	£257,893	£3,164	£168,443	£65,306	£207,182
September	26,978	£39,501	£12,635	£162,274	£12,745	£254,678	£3,035	£165,194	£67,978	£198,167
October	29,080	£41,014	£12,391	£165,226	£12,623	£263,309	£3,189	£179,908	£71,638	£200,302
November	29,575	£39,388	£12,034	£159,417	£10,865	£266,951	£3,059	£173,956	£69,830	£196,183
December	31,161	£40,183	£12,247	£161,889	£12,770	£276,772	£3,107	£172,786	£69,697	£207,905
Total	338,329	£485,432	£166,709	£2,005,848	£157,963	£3,182,236	£37,587	£1,978,044	£789,065	£2,408,358
2021										
January	31,632	£39,964	£12,033	£159,724	£12,578	£271,669	£3,168	£176,770	£69,019	£206,660
February	28,365	£30,061	£10,749	£143,329	£9,965	£220,985	£2,750	£149,598	£58,860	£170,668
March	31,481	£39,947	£12,028	£156,440	£12,340	£281,322	£3,099	£184,351	£69,028	£189,405
April	29,514	RE37,926	RE11,685	RE155,915	RE12,316	RE276,847	RE3,052	RE182,003	RE68,291	RE183,444
May	29,005	RE38,731	RE12,174	RE162,091	RE12,643	RE287,533	RE3,179	RE192,722	RE71,803	RE187,669
June	27,715	£37,054	£11,712	£154,260	£12,335	£274,387	£2,885	£186,832	£69,330	£183,586
2021 6-Month YTD	177,712	£223,684	£70,381	£931,760	£72,176	£1,612,744	£18,133	£1,072,276	£406,331	£1,121,432
2020 6-Month YTD	167,910	£244,026	£89,459	£1,019,913	£82,204	£1,597,125	£18,889	£954,241	£387,185	£1,189,272
2019 6-Month YTD	171,310	267,928	98,791	969,452	92,188	1,565,637	21,493	849,727	399,301	1,251,370

See footnotes at end of table.

Table 7. Marketed production of natural gas in selected states and the Federal Gulf of Mexico, 2016-2021

(million cubic feet) – continued

Year and Month	Oklahoma	Pennsylvania	Texas	Utah	West Virginia	Wyoming	Other States	Federal Gulf of Mexico	U.S. Total
2016 Total	2,468,312	5,210,209	7,225,472	365,268	1,384,458	1,662,909	559,985	1,200,669	28,400,049
2017 Total	2,513,897	5,453,638	7,223,841	315,211	1,514,278	1,590,059	517,698	1,060,452	29,237,825
2018 Total	2,875,787	6,264,832	8,041,010	295,826	1,771,698	1,637,517	485,675	974,863	33,008,867
2019									
January	262,662	576,440	736,511	23,200	169,050	123,341	39,938	90,159	2,980,505
February	240,995	519,802	675,802	21,049	154,910	110,816	35,450	76,741	2,708,742
March	265,283	578,820	756,354	23,387	171,516	122,319	39,386	92,033	3,019,390
April	262,767	560,062	725,217	22,794	167,816	120,098	38,325	87,201	2,933,716
May	269,586	571,803	778,371	23,623	171,305	128,510	38,958	87,724	3,055,477
June	259,034	556,708	764,324	22,904	174,784	121,743	37,916	81,638	2,968,544
July	268,965	583,186	803,273	23,091	180,524	115,230	38,313	66,820	3,083,779
August	268,025	585,405	836,414	23,374	181,927	119,242	38,473	91,215	3,159,401
September	265,447	568,646	785,566	22,150	181,343	124,724	37,254	84,108	3,053,609
October	278,887	589,800	823,698	22,494	201,950	127,708	37,486	86,698	3,199,983
November	263,368	597,779	790,664	21,704	196,185	122,272	36,837	83,634	3,119,588
December	269,990	608,342	825,421	22,099	204,446	124,473	37,106	87,378	3,232,454
Total	3,175,008	6,896,792	9,301,616	271,870	2,155,757	1,460,477	455,443	1,015,349	36,515,188
2020									
January	£263,734	£607,697	£827,368	£21,856	£205,973	£122,406	£36,673	£84,739	£3,181,514
February	£243,139	£579,980	£771,344	£20,472	£197,173	£107,668	£34,050	£78,343	£2,958,634
March	£257,387	£616,101	£832,144	£21,805	£207,724	£116,328	£35,794	£84,669	£3,166,123
April	£235,642	£599,921	£772,841	£20,462	£202,046	£111,375	£29,768	£77,588	£3,001,855
May	£217,154	£598,263	£733,502	£19,555	£213,671	£106,760	£34,244	£63,304	£2,933,650
June	£222,324	£569,002	£733,102	£19,317	£215,274	£104,033	£33,369	£60,713	£2,876,248
July	£226,843	£614,943	£766,509	£20,241	£222,115	£108,027	£34,642	£67,343	£3,023,452
August	£226,344	£630,016	£788,459	£19,713	£224,409	£106,139	£33,367	£43,410	£3,036,773
September	£222,010	£582,197	£746,302	£19,027	£218,495	£103,457	£32,048	£47,449	£2,914,169
October	£219,403	£616,334	£760,569	£19,777	£225,807	£103,648	£34,202	£37,087	£2,995,509
November	£224,327	£619,815	£747,332	£18,991	£224,659	£103,334	£32,797	£57,936	£2,990,450
December	£228,057	£655,636	£763,930	£19,165	£237,246	£103,915	£33,648	£64,048	£3,094,164
Total	£2,786,366	£7,289,906	£9,243,402	£240,382	£2,594,591	£1,297,092	£404,602	£766,630	£36,172,542
2021									
January	£221,544	£657,704	£775,706	£19,235	£234,432	£105,897	£33,444	£68,505	£3,099,685
February	£163,094	£585,221	£588,953	£17,815	£208,571	£95,863	£29,898	£62,427	£2,577,173
March	£220,130	£647,681	£772,550	£20,356	£227,218	£106,480	£34,127	£72,986	£3,080,967
April	RE214,334	RE618,509	RE777,007	£19,861	RE229,075	RE102,740	RE32,841	RE69,810	RE3,025,171
May	RE222,423	RE640,431	RE802,950	RE20,294	RE240,983	RE104,625	RE33,521	RE67,817	RE3,130,594
June	£212,928	£623,850	£777,807	£19,526	£234,192	£101,954	£32,185	£68,413	£3,030,951
2021 6-Month YTD	£1,254,455	£3,773,395	£4,494,973	£117,087	£1,374,471	£617,559	£196,017	£409,957	£17,944,541
2020 6-Month YTD	£1,439,381	£3,570,965	£4,670,301	£123,469	£1,241,860	£668,570	£203,898	£449,356	£18,118,025
2019 6-Month YTD	1,560,327	3,363,634	4,436,579	136,957	1,009,381	726,827	229,973	515,496	17,666,373

^E Estimated data.^{RE} Revised estimated data.

Notes: For 2020 forward, state monthly marketed production is estimated from gross withdrawals using historical relationships between the two. 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 are individually collected 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 2020, 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 due to independent rounding.

Sources: 2016-2019: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2019*, Bureau of Safety and Environmental Enforcement (BSEE), IHS Markit, Enverus, and BENTEK Energy. January 2020 through current month: Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; and EIA computations.

Table 8. Underground natural gas storage – all operators, 2016-2021

(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
2016 Total^c	--	--	--	--	--	2,977	3,325	348
2017 Total^c	--	--	--	--	--	3,337	3,590	254
2018 Total^c	--	--	--	--	--	3,676	3,999	324
2019								
January	4,366	1,994	6,360	-147	-6.8	95	804	709
February	4,366	1,426	5,792	-246	-14.7	104	672	568
March	4,361	1,185	5,545	-205	-14.8	190	435	245
April	4,367	1,559	5,927	133	9.3	486	104	-382
May	4,372	2,031	6,403	184	9.9	557	85	-472
June	4,375	2,461	6,835	266	12.1	523	92	-431
July	4,374	2,714	7,089	333	14.0	416	162	-254
August	4,377	2,998	7,374	381	14.6	453	168	-286
September	4,378	3,415	7,793	465	15.7	529	109	-419
October	4,379	3,762	8,141	526	16.2	461	116	-346
November	4,380	3,610	7,990	580	19.1	201	351	150
December	4,380	3,188	7,568	480	17.7	138	556	418
Total	--	--	--	--	--	4,153	3,653	-500
2020								
January	4,380	2,616	6,997	622	31.2	94	665	571
February	4,379	2,081	6,460	655	45.9	99	634	536
March	4,379	2,029	6,409	844	71.3	236	285	49
April	4,384	2,332	6,716	773	49.6	437	131	-306
May	4,387	2,778	7,164	747	36.8	522	74	-448
June	4,389	3,133	7,523	672	27.3	443	85	-358
July	4,390	3,294	7,684	579	21.3	312	151	-161
August	4,390	3,522	7,912	524	17.5	401	174	-227
September	4,389	3,840	8,229	425	12.4	450	126	-323
October	4,393	3,929	8,321	166	4.4	283	191	-92
November	4,394	3,932	8,325	322	8.9	218	214	-4
December	4,394	3,341	7,735	153	4.8	94	681	587
Total	--	--	--	--	--	3,590	3,412	-178
2021								
January	4,394	2,635	7,029	19	0.7	76	783	707
February	4,390	1,858	6,248	-223	-10.7	122	904	781
March	4,388	1,801	6,189	-229	-11.3	262	321	59
April	4,380	1,974	6,354	-358	-15.4	347	173	-174
May	4,383	2,388	6,771	-390	-14.0	491	75	-416
June	4,436	2,583	7,019	-550	-17.6	388	140	-248

^a Total underground storage capacity at the end of each calendar year (in billion cubic feet): 2016 – 9,239; 2017 – 9,261; 2018 – 9,241; and 2019 – 9,231. 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.

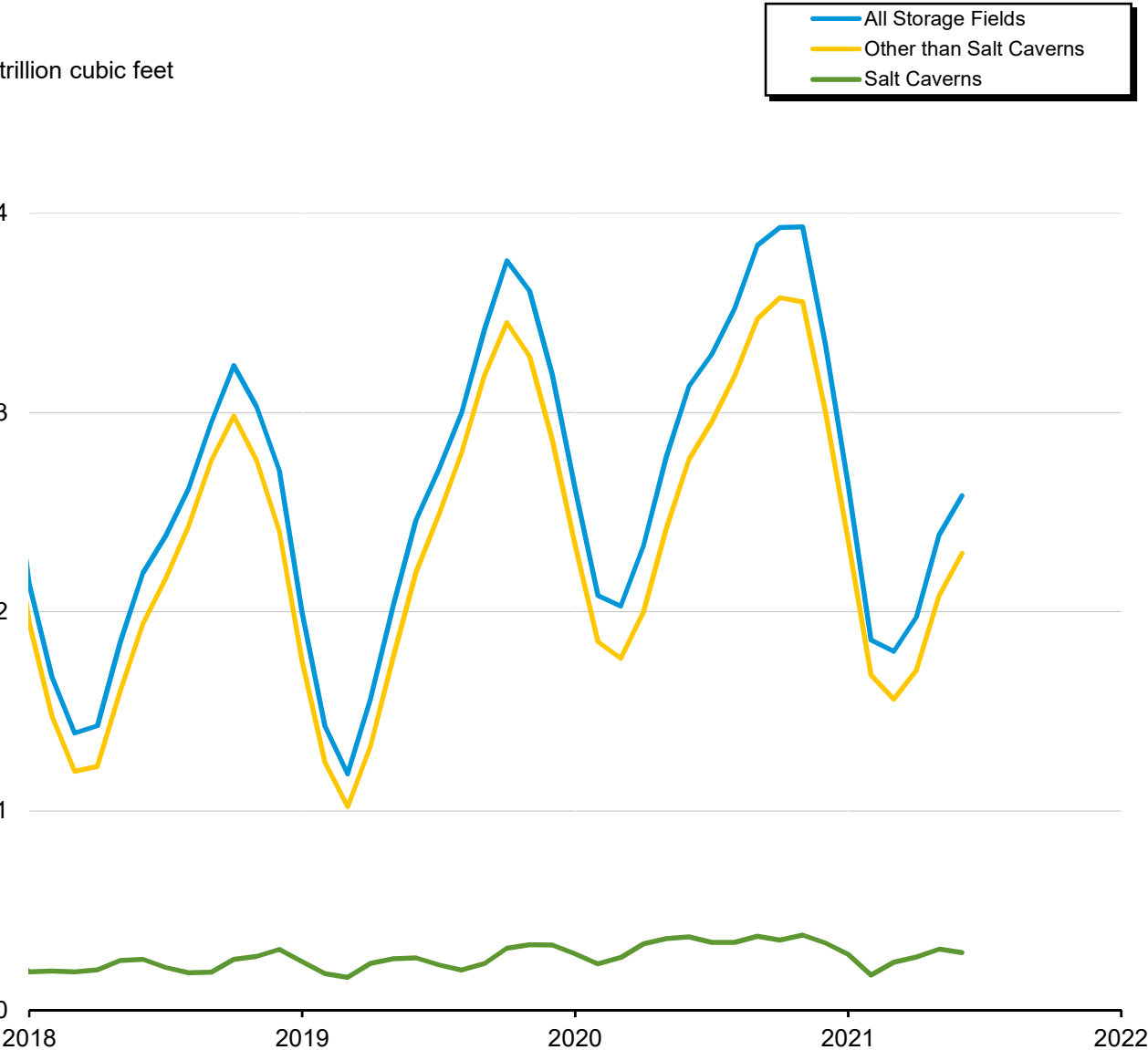
^c Total as of December 31.

-- Not applicable.

Notes: Data for 2016 through 2018 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for 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.

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

Figure 5. Working gas in underground natural gas storage in the United States, 2018-2021



Note: Geographic coverage is the 50 states and the District of Columbia.
Source: U.S. Energy Information Administration (EIA): Form EIA-191, *Monthly Underground Gas Storage Report*.

Table 9. Underground natural gas storage – by season, 2019-2021

(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
2019 Refill Season								
April	4,367	1,559	5,927	133	9.3	486	104	-382
May	4,372	2,031	6,403	184	9.9	557	85	-472
June	4,375	2,461	6,835	266	12.1	523	92	-431
July	4,374	2,714	7,089	333	14.0	416	162	-254
August	4,377	2,998	7,374	381	14.6	453	168	-286
September	4,378	3,415	7,793	465	15.7	529	109	-419
October	4,379	3,762	8,141	526	16.2	461	116	-346
Total	--	--	--	--	--	3,424	834	-2,590
2020 Heating Season								
November	4,380	3,610	7,990	580	19.1	201	351	150
December	4,380	3,188	7,568	480	17.7	138	556	418
January	4,380	2,616	6,997	622	31.2	94	665	571
February	4,379	2,081	6,460	655	45.9	99	634	536
March	4,379	2,029	6,409	844	71.3	236	285	49
Total	--	--	--	--	--	769	2,492	1,723
2020 Refill Season								
April	4,384	2,332	6,716	773	49.6	437	131	-306
May	4,387	2,778	7,164	747	36.8	522	74	-448
June	4,389	3,133	7,523	672	27.3	443	85	-358
July	4,390	3,294	7,684	579	21.3	312	151	-161
August	4,390	3,522	7,912	524	17.5	401	174	-227
September	4,389	3,840	8,229	425	12.4	450	126	-323
October	4,393	3,929	8,321	166	4.4	283	191	-92
Total	--	--	--	--	--	2,848	931	-1,917
2021 Heating Season								
November	4,394	3,932	8,325	322	8.9	218	214	-4
December	4,394	3,341	7,735	153	4.8	94	681	587
January	4,394	2,635	7,029	19	0.7	76	783	707
February	4,390	1,858	6,248	-223	-10.7	122	904	781
March	4,388	1,801	6,189	-229	-11.3	262	321	59
Total	--	--	--	--	--	773	R2,904	2,131
2021 Refill Season								
April	4,380	1,974	6,354	-358	-15.4	347	173	-174
May	4,383	2,388	6,771	-390	-14.0	491	75	-416
June	4,436	2,583	7,019	-550	-17.6	388	140	-248

^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.

^R Revised data.

-- Not applicable.

Notes: Data for 2018 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for 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.

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

Table 10. Underground natural gas storage – salt cavern storage fields, 2016-2021
(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
2016 Total^b	--	--	--	--	--	593	624	32
2017 Total^b	--	--	--	--	--	701	752	50
2018 Total^b	--	--	--	--	--	811	808	-4
2019								
January	196	243	439	51	26.5	45	108	62
February	195	183	377	-13	-6.6	42	104	62
March	193	164	357	-28	-14.5	68	87	19
April	197	234	431	32	15.7	109	36	-73
May	198	258	456	9	3.8	75	51	-25
June	199	262	461	7	2.8	60	55	-4
July	198	227	425	13	6.3	51	86	35
August	199	200	399	13	7.1	52	78	26
September	199	232	431	42	22.1	78	46	-31
October	199	310	509	55	21.8	119	42	-77
November	199	328	527	58	21.4	77	59	-19
December	199	327	526	22	7.3	62	62	1
Total	--	--	--	--	--	839	815	-24
2020								
January	199	283	482	40	16.4	42	87	44
February	199	231	430	48	26.5	38	90	52
March	200	263	463	99	60.0	75	41	-34
April	202	333	535	99	42.3	102	31	-70
May	202	359	562	101	39.2	65	38	-26
June	202	368	570	105	40.2	54	45	-8
July	202	339	542	112	49.5	37	66	29
August	202	339	541	138	69.1	55	56	1
September	202	370	572	138	59.4	81	48	-33
October	201	351	553	41	13.4	54	73	19
November	201	376	577	48	14.6	65	40	-25
December	201	337	538	10	3.0	48	86	38
Total	--	--	--	--	--	715	701	-14
2021								
January	202	279	480	-4	-1.5	42	101	59
February	199	175	374	-56	-24.2	66	172	107
March	198	240	439	-23	-8.6	104	39	-65
April	198	266	464	-67	-20.1	79	54	-25
May	199	306	505	-53	-14.7	82	41	-40
June	199	289	488	-78	-21.3	46	62	16
2021 6-Month YTD	--	--	--	--	--	419	470	52
2020 6-Month YTD	--	--	--	--	--	375	332	-43
2019 6-Month YTD	--	--	--	--	--	400	442	41

^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.

Notes: Data for 2016 through 2018 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for 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.

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

Table 11. Underground natural gas storage – storage fields other than salt caverns, 2016-2021
(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
2016 Total^b	--	--	--	--	--	2,384	2,700	316
2017 Total^b	--	--	--	--	--	2,635	2,839	203
2018 Total^b	--	--	--	--	--	2,864	3,192	327
2019								
January	4,170	1,751	5,921	-198	-10.1	50	696	646
February	4,171	1,244	5,415	-233	-15.8	62	568	506
March	4,167	1,021	5,188	-178	-14.8	122	348	226
April	4,171	1,325	5,496	101	8.2	376	67	-309
May	4,174	1,773	5,947	174	10.9	481	34	-447
June	4,176	2,199	6,375	258	13.3	463	37	-427
July	4,176	2,487	6,663	319	14.7	364	75	-289
August	4,178	2,798	6,975	368	15.1	402	90	-312
September	4,179	3,183	7,362	423	15.3	451	63	-388
October	4,180	3,452	7,632	470	15.8	342	74	-269
November	4,181	3,282	7,463	522	18.9	124	292	168
December	4,181	2,861	7,042	458	19.0	76	494	418
Total	--	--	--	--	--	3,314	2,838	-476
2020								
January	4,181	2,333	6,514	582	33.3	52	578	526
February	4,180	1,850	6,030	606	48.7	61	545	483
March	4,179	1,766	5,945	746	73.1	161	245	84
April	4,182	1,999	6,181	674	50.9	335	99	-236
May	4,184	2,418	6,603	645	36.4	457	36	-422
June	4,187	2,765	6,952	567	25.8	389	39	-349
July	4,188	2,954	7,142	467	18.8	275	85	-190
August	4,187	3,184	7,371	386	13.8	346	118	-229
September	4,187	3,470	7,657	287	9.0	369	78	-290
October	4,191	3,577	7,769	125	3.6	229	118	-112
November	4,193	3,556	7,748	274	8.3	153	174	21
December	4,193	3,004	7,197	143	5.0	46	596	549
Total	--	--	--	--	--	2,875	2,711	-164
2021								
January	4,193	2,356	6,549	23	1.0	34	682	648
February	4,191	1,683	5,874	-167	-9.0	57	732	675
March	4,190	1,560	5,750	-206	-11.7	158	282	124
April	4,182	1,708	5,890	-291	-14.6	268	119	-149
May	4,184	2,082	6,266	-337	-13.9	409	34	-376
June	4,237	2,294	6,530	-472	-17.1	342	77	-264
2021 6-Month YTD	--	--	--	--	--	1,268	1,925	657
2020 6-Month YTD	--	--	--	--	--	1,456	1,542	86
2019 6-Month YTD	--	--	--	--	--	1,555	1,750	195

^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.

^R Revised data.

-- Not applicable.

Notes: Data for 2016 through 2018 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for 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.

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

Table 12. Net withdrawals from underground storage, by state, 2019-2021
(million cubic feet)

State	2021						2020
	June	May	April	March	February	January	Total
Alabama	1,445	-888	-1,461	-6,884	6,905	2,591	-1,740
Alaska ^a	-1,923	^R -1,551	^R -2	1,491	^R 1,929	1,611	4,330
Arkansas	-865	-879	-128	480	1,352	1,208	-35
California	-16,786	-35,332	-24,435	8,459	36,861	17,158	-38,314
Colorado	-5,707	-7,020	-1,051	1,381	11,052	11,570	-3,981
Illinois	-26,141	-14,991	9,718	31,440	48,591	59,429	-3,947
Indiana	-1,784	-1,052	409	2,162	5,629	6,498	506
Iowa	-4,478	-2,814	1,135	6,088	12,008	19,762	-9,470
Kansas	-10,225	-17,547	1,680	4,590	21,201	18,141	-3,274
Kentucky	-4,633	-9,563	-8,731	-3,375	19,938	19,217	-143
Louisiana	-3,457	-33,878	-16,290	-25,836	90,715	61,714	-23,836
Maryland	-1,775	-497	961	2,909	3,063	639	157
Michigan	-61,186	-65,376	-46,216	22,481	151,646	120,019	-22,039
Minnesota	-120	6	169	430	526	155	51
Mississippi	7,239	-15,446	-17,603	-30,323	34,159	27,082	-569
Missouri	13	13	123	-333	954	21	314
Montana	-3,687	-2,872	-1,060	3,229	6,705	7,243	-7,211
Nebraska	-1,490	-2,385	-664	368	1,895	2,631	135
New Mexico	377	-2,730	-570	-670	3,642	2,692	-5,680
New York	-7,984	-10,570	-2,157	6,696	17,603	23,290	-317
Ohio	-22,955	-18,130	-3,490	14,441	39,180	49,454	-10,198
Oklahoma	-15,306	-24,755	-13,774	-3,759	27,437	37,092	8,683
Oregon	-3,529	-4,982	-2,001	1,782	6,615	4,348	205
Pennsylvania	-25,942	-36,245	-14,355	23,890	79,990	84,848	7,422
Tennessee	-52	-56	-2	-7	98	23	-57
Texas	5,963	-52,362	-23,755	-19,175	87,805	63,252	-51,225
Utah	-6,940	-9,193	-3,688	-4,663	9,523	9,163	-1,753
Virginia	-351	-126	81	-197	1,527	281	629
Washington	-2,195	-9,912	-1,095	2,431	6,790	1,286	723
West Virginia	-30,700	-26,753	-2,759	17,293	39,167	47,695	-5,911
Wyoming	-2,938	-8,193	-3,300	2,182	6,918	6,957	-11,342
Regions							
East Region	-89,707	-92,321	-21,718	65,032	180,531	206,207	-8,217
South Central Region	-15,206	-145,756	-71,331	-80,908	269,575	211,080	-71,996
Midwest Region	-98,381	-93,834	-43,396	58,887	239,390	225,123	-34,785
Mountain Region	-20,384	-32,393	-10,332	1,826	39,736	40,256	-29,832
Pacific Region	-22,511	-50,226	-27,531	12,673	50,267	22,792	-37,386
Total Lower 48 States	-246,188	^R -414,529	-174,307	57,510	779,498	705,458	-182,215
U.S. Total	-248,110	^R -416,080	^R -174,309	59,001	^R 781,427	707,069	-177,885

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2019-2021

(million cubic feet) – continued

State	2020						
	December	November	October	September	August	July	June
Alabama	2,532	-528	1,436	-3,260	656	185	-112
Alaska ^a	1,601	1,493	-219	-1,734	-2,331	-1,752	-1,325
Arkansas	1,019	505	-162	-599	-1,102	-914	-823
California	28,116	4,522	-4,004	-10,674	5,352	-2,993	-24,699
Colorado	9,004	-4,096	3,066	-6,359	-5,458	-5,209	-7,293
Illinois	45,251	-4,152	-38,409	-40,475	-40,365	-29,436	-28,451
Indiana	3,993	-832	-2,910	-3,960	-2,695	-2,071	-2,056
Iowa	19,832	-4,156	-13,421	-14,935	-11,918	-1,925	-5,646
Kansas	8,039	-2,237	4,761	-12,894	-4,208	-4,248	-12,961
Kentucky	16,377	5,202	-822	-7,890	-3,185	-805	-737
Louisiana	43,071	-9,396	5,951	-21,814	-15,845	5,790	-23,311
Maryland	2,284	-968	-623	-1,600	-1,761	-777	-1,845
Michigan	103,950	10,280	-5,199	-50,877	-49,165	-45,869	-70,214
Minnesota	163	-118	-228	-203	-236	-221	-17
Mississippi	24,569	-3,659	3,455	-11,991	-3,381	10,563	-3,526
Missouri	-120	-784	365	-29	-53	-30	-155
Montana	7,020	3,420	-1,911	-4,844	-4,116	-5,136	-6,194
Nebraska	2,851	-36	-644	-1,093	634	-711	-2,341
New Mexico	759	-604	-1,665	-1,008	-1,183	-1,374	-1,626
New York	18,349	2,928	-8,027	-9,947	-8,078	-3,460	-6,309
Ohio	35,053	1,241	-15,732	-21,735	-23,566	-23,579	-26,693
Oklahoma	37,084	1,470	949	-14,440	-7,967	-8,719	-15,991
Oregon	3,636	-1,004	648	128	-843	-920	-3,919
Pennsylvania	58,158	3,070	-21,162	-35,932	-26,992	-15,408	-38,467
Tennessee	23	2	-50	0	-69	-35	-32
Texas	40,026	-17,889	13,464	-18,300	8,451	11,730	-24,368
Utah	14,314	2,324	-697	-3,821	-4,518	-7,983	-8,599
Virginia	554	-376	-113	-59	-273	-107	-808
Washington	1,944	322	2,020	-1,275	-299	693	-2,712
West Virginia	50,513	8,073	-8,676	-18,786	-23,060	-23,394	-28,495
Wyoming	7,281	2,177	-3,846	-3,015	78	-3,048	-8,224
Regions							
East Region	164,912	13,968	-54,334	-88,058	-83,729	-66,726	-102,618
South Central Region	156,340	-31,733	29,853	-83,297	-23,397	14,386	-81,092
Midwest Region	189,469	5,441	-60,674	-118,369	-107,687	-80,391	-107,308
Mountain Region	41,229	3,184	-5,697	-20,140	-14,562	-23,461	-34,276
Pacific Region	33,696	3,840	-1,335	-11,821	4,210	-3,220	-31,330
Total Lower 48 States	585,646	-5,300	-92,187	-321,686	-225,164	-159,412	-356,624
U.S. Total	587,247	-3,807	-92,406	-323,420	-227,495	-161,165	-357,949

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2019-2021

(million cubic feet) – continued

State	2020					2019	
	May	April	March	February	January	Total	December
Alabama	-669	-4,401	-1,483	3,469	437	-4,680	-1,295
Alaska ^a	-1,049	421	2,313	2,415	4,497	4,432	2,439
Arkansas	-715	-307	853	1,273	935	-70	861
California	-37,280	-22,091	-3,906	-1,238	30,582	-28,135	35,944
Colorado	-5,942	-2,235	2,258	9,496	8,787	-8,796	5,859
Illinois	-18,009	7,597	34,667	55,297	52,539	-17,252	40,690
Indiana	-1,146	97	1,494	5,572	5,021	-2,817	2,562
Iowa	-5,357	233	5,299	8,457	14,066	-1,067	17,729
Kansas	-15,574	-11,701	6,016	21,799	19,934	-15,186	6,480
Kentucky	-13,240	-14,070	1,268	10,761	6,998	-16,890	9,942
Louisiana	-33,607	-50,797	-26,675	52,915	49,883	-97,581	19,539
Maryland	-868	3,082	789	836	1,610	1,515	1,369
Michigan	-79,406	-46,131	27,064	95,306	88,222	-74,588	72,853
Minnesota	6	14	164	512	216	75	70
Mississippi	-8,364	-19,413	-24,955	21,589	14,543	-12,218	1,340
Missouri	-32	867	-28	20	292	444	74
Montana	-5,667	-2,311	1,101	5,335	6,092	402	4,893
Nebraska	-2,232	-1,101	591	1,976	2,242	-1,366	1,296
New Mexico	-721	-2,284	-1,466	4,273	1,221	-11,780	1,790
New York	-13,599	-6,240	1,299	15,319	17,449	-15,314	13,325
Ohio	-26,555	-5,329	22,278	37,230	37,188	-15,342	27,435
Oklahoma	-21,149	-14,811	-6,319	27,662	30,914	-10,971	21,675
Oregon	-4,996	-105	1,474	4,346	1,760	-1,844	958
Pennsylvania	-60,384	-8,892	26,065	63,825	63,541	-57,975	42,184
Tennessee	-43	*	28	68	51	-179	12
Texas	-38,554	-65,511	-30,105	27,121	42,711	-79,335	34,819
Utah	-9,108	-4,799	2,405	9,643	9,085	-4,277	10,361
Virginia	45	288	412	594	473	-38	13
Washington	-6,967	-4,459	1,049	7,727	2,679	-459	758
West Virginia	-26,222	-26,952	2,249	36,954	51,885	-18,213	37,597
Wyoming	-10,598	-4,839	2,955	4,961	4,776	-10,216	4,901
Regions							
East Region	-127,585	-44,042	53,092	154,758	172,146	-105,366	121,922
South Central Region	-118,633	-166,941	-82,667	155,827	159,358	-220,041	83,417
Midwest Region	-117,228	-51,393	69,956	175,994	167,404	-112,275	143,932
Mountain Region	-34,268	-17,569	7,843	35,684	32,202	-36,032	29,099
Pacific Region	-49,243	-26,656	-1,383	10,835	35,021	-30,438	37,660
Total Lower 48 States	-446,957	-306,600	46,841	533,098	566,130	-504,151	416,031
U.S. Total	-448,006	-306,179	49,153	535,513	570,627	-499,719	418,470

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2019-2021

(million cubic feet) – continued

State	2019						
	November	October	September	August	July	June	May
Alabama	-3,103	-3,437	-1,058	1,779	1,992	119	-1,047
Alaska ^a	1,272	193	-843	-1,320	-1,508	-1,526	-1,169
Arkansas	578	-231	-583	-886	-798	-768	-903
California	12,544	-1,316	-13,476	-6,262	-11,473	-39,458	-45,527
Colorado	-549	36	-6,314	-8,948	-5,274	-9,284	-2,673
Illinois	2,466	-39,931	-39,814	-34,114	-21,798	-31,465	-29,250
Indiana	-674	-2,665	-3,454	-4,377	-2,746	-2,270	-2,093
Iowa	10,941	-15,128	-18,004	-14,316	-2,823	-3,932	-4,426
Kansas	2,754	3,567	-10,591	-11,621	-12,415	-15,807	-17,835
Kentucky	5,765	-4,815	-9,197	-8,989	-8,250	-9,025	-11,913
Louisiana	3,691	-44,922	-37,776	-10,645	-18,409	-39,117	-42,654
Maryland	-1,145	-2,900	-429	-247	-1,498	-395	-1,647
Michigan	54,381	-50,509	-86,378	-76,948	-81,089	-93,949	-86,826
Minnesota	-52	-270	-288	-273	-192	-23	6
Mississippi	-4,722	-27,125	-6,496	-2,273	9,277	790	-6,327
Missouri	-86	-307	7	7	8	8	8
Montana	2,538	864	-3,961	-3,624	-3,787	-4,224	-2,731
Nebraska	310	275	-1,028	-1,218	-1,188	-2,241	-1,551
New Mexico	1,682	-2,024	-2,162	-938	-2,974	-2,008	-3,961
New York	176	-14,260	-17,487	-13,493	-3,597	-7,902	-5,889
Ohio	11,806	-18,142	-24,910	-28,593	-23,011	-25,172	-22,804
Oklahoma	9,235	-10,247	-12,135	-6,377	-15,795	-18,719	-24,181
Oregon	-1,987	17	-1,508	418	-2,991	-3,170	-2,302
Pennsylvania	13,862	-34,039	-56,268	-44,933	-22,994	-53,396	-55,605
Tennessee	9	0	0	-95	-49	-45	-82
Texas	2,360	-59,099	-31,098	22,555	11,375	-18,342	-38,598
Utah	2,648	-2,353	-6,667	-4,869	-7,263	-7,794	-7,668
Virginia	-59	-13	-632	-10	275	-585	234
Washington	-812	3,069	-2,826	1,168	975	-1,299	-6,802
West Virginia	21,547	-17,448	-21,341	-26,666	-22,905	-31,677	-38,734
Wyoming	2,305	-2,593	-2,433	459	-3,169	-8,583	-6,945
Regions							
East Region	46,186	-86,802	-121,067	-113,942	-73,729	-119,128	-124,445
South Central Region	10,792	-141,494	-99,737	-7,468	-24,774	-91,845	-131,547
Midwest Region	72,749	-113,626	-157,129	-139,105	-116,940	-140,701	-134,577
Mountain Region	8,933	-5,794	-22,565	-19,137	-23,655	-34,133	-25,528
Pacific Region	9,745	1,770	-17,809	-4,676	-13,489	-43,928	-54,630
Total Lower 48 States	148,406	-345,947	-418,306	-284,327	-252,586	-429,734	-470,728
U.S. Total	149,678	-345,754	-419,150	-285,647	-254,094	-431,260	-471,898

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2019-2021
(million cubic feet) – continued

State	2019			
	April	March	February	January
Alabama	-4,541	1,480	3,277	1,154
Alaska ^a	-145	1,222	2,658	3,160
Arkansas	-312	696	1,094	1,185
California	-39,081	-1,442	50,783	30,628
Colorado	-482	1,062	7,360	10,411
Illinois	-2,460	21,726	44,951	71,746
Indiana	-99	2,798	3,994	6,207
Iowa	-332	2,664	8,451	18,111
Kansas	-13,773	7,971	22,056	24,030
Kentucky	-15,484	4,786	11,343	18,947
Louisiana	-56,512	17,530	50,759	60,935
Maryland	-1,044	3,480	2,834	3,137
Michigan	-45,883	65,710	115,237	138,813
Minnesota	59	277	250	512
Mississippi	-24,390	6,673	14,485	26,551
Missouri	-201	-410	11	1,325
Montana	-1,857	1,364	6,273	4,655
Nebraska	-604	304	2,061	2,218
New Mexico	-2,805	-148	727	1,041
New York	-7,371	7,677	14,552	18,955
Ohio	-9,978	25,100	34,073	38,856
Oklahoma	-16,486	8,971	25,251	27,838
Oregon	-750	15	4,007	5,447
Pennsylvania	-33,670	41,514	65,257	80,114
Tennessee	-37	24	6	78
Texas	-64,861	1,132	18,399	42,024
Utah	-4,492	5,387	8,384	10,048
Virginia	-603	419	-55	979
Washington	-3,896	-2,335	5,868	5,673
West Virginia	-27,036	18,400	39,896	50,155
Wyoming	-2,941	1,199	3,903	3,680
Regions				
East Region	-79,702	96,588	156,555	192,196
South Central Region	-180,876	44,452	135,322	183,717
Midwest Region	-64,436	97,575	184,242	255,741
Mountain Region	-13,181	9,168	28,709	32,052
Pacific Region	-43,727	-3,761	60,659	41,748
Total Lower 48 States	-381,922	244,022	565,487	705,454
U.S. Total	-382,067	245,243	568,145	708,614

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

^R Revised data.

* Volume is less than 500 Mcf.

Notes: 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. See Explanatory Note 5 in Appendix A for a list of the five regions shown in this table and the states included in each.

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

Table 13. Activities of underground natural gas storage operators, by state, June 2021
(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	21,374	31,824	-2,727	-11.3	1,132	2,577
Alaska ^a	5	83,592	67,915	14,197	26,743	40,940	1,387	5.5	1,969	46
Arkansas	2	21,972	8,894	13,078	2,164	15,242	85	4.1	865	0
California	14	604,048	322,868	281,213	210,966	492,179	-57,347	-21.4	21,859	5,074
Colorado	10	141,407	72,754	61,108	40,553	101,662	-1,192	-2.9	7,642	1,935
Illinois	28	1,014,401	303,613	713,269	107,010	820,279	-1,038	-1.0	27,247	1,106
Indiana	23	112,987	32,109	80,879	12,054	92,933	-4,138	-25.6	1,788	4
Iowa	4	288,210	90,313	197,881	27,305	225,186	-5,178	-15.9	4,726	248
Kansas	16	282,986	122,982	163,805	76,924	240,729	-7,577	-9.0	12,453	2,229
Kentucky	22	221,695	107,596	112,747	67,037	179,784	-21,730	-24.5	6,493	1,860
Louisiana	19	747,223	461,434	278,508	288,260	566,769	-84,082	-22.6	38,232	34,774
Maryland	1	64,000	18,300	45,677	8,681	54,358	-1,854	-17.6	2,515	740
Michigan	44	1,071,608	683,820	386,911	412,372	799,284	-85,026	-17.1	63,286	2,100
Minnesota	1	7,000	2,000	4,848	821	5,669	-323	-28.2	120	0
Mississippi	11	330,957	201,862	121,075	117,974	239,048	-22,094	-15.8	11,391	18,630
Missouri	1	13,845	3,656	10,189	1,597	11,786	-140	-8.0	10	23
Montana	4	376,225	197,477	181,159	11,810	192,968	-4,097	-25.8	3,781	95
Nebraska	1	34,850	12,653	22,197	8,785	30,982	-1,174	-11.8	1,490	0
New Mexico	2	89,100	59,738	29,362	38,125	67,487	2,334	6.5	1,118	1,494
New York	26	245,779	127,487	115,501	65,351	180,852	-19,749	-23.2	11,424	3,439
Ohio	24	575,109	253,750	326,357	94,948	421,306	-14,190	-13.0	23,636	681
Oklahoma	12	372,390	197,921	173,795	116,651	290,446	-13,173	-10.1	19,670	4,364
Oregon	8	34,929	20,020	14,909	12,708	27,617	-3,964	-23.8	3,529	0
Pennsylvania	49	763,296	427,601	335,828	215,934	551,761	-74,160	-25.6	39,317	13,375
Tennessee	2	2,400	1,800	878	1,342	2,219	124	10.2	52	0
Texas	35	847,640	544,435	297,230	367,785	665,015	-100,527	-21.5	34,218	40,180
Utah	3	124,509	54,942	69,508	41,581	111,089	6,114	17.2	6,940	0
Virginia	2	8,960	4,930	4,030	3,114	7,144	-771	-19.9	980	629
Washington	1	46,900	24,600	22,300	21,946	44,246	-708	-3.1	3,212	1,016
West Virginia	31	531,706	268,803	264,979	126,744	391,723	-29,335	-18.8	32,955	2,255
Wyoming	9	155,995	74,297	81,957	34,208	116,165	-3,978	-10.4	3,626	688
Regions										
East Region	133	2,188,849	1,100,871	1,092,372	514,772	1,607,144	-140,060	-21.4	110,828	21,121
South Central Region	97	2,646,769	1,570,678	1,057,941	991,132	2,049,073	-230,096	-18.8	117,960	102,755
Midwest Region	125	2,732,146	1,224,906	1,507,602	629,538	2,137,140	-117,448	-15.7	103,722	5,341
Mountain Region	29	922,086	471,861	445,291	175,062	620,353	-1,993	-1.1	24,597	4,212
Pacific Region	23	685,877	367,488	318,422	245,620	564,042	-62,019	-20.2	28,601	6,090
Total Lower 48 States	407	9,175,727	4,735,804	4,421,629	2,556,123	6,977,752	-551,616	-17.7	385,707	139,519
U.S. Total	412	9,259,319	4,803,719	4,435,826	2,582,866	7,018,692	-550,229	-17.6	387,676	139,565

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

Notes: 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. See Explanatory Note 5 in Appendix A for a list of the five regions shown in this table and the states included in each.

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

Table 14. Natural gas deliveries to residential consumers, by state, 2019-2021
(million cubic feet)

State	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	20,870	17,150	19,639	764	1,204	2,036	3,225
Alaska	11,509	12,125	10,149	638	999	1,714	2,722
Arizona	26,465	26,597	27,878	1,461	2,188	2,783	5,373
Arkansas	NA	19,798	21,369	889	NA	1,926	5,733
California	NA	NA	275,759	22,081	27,859	NA	55,052
Colorado	86,693	75,951	85,429	3,329	7,298	13,143	17,162
Connecticut	33,206	31,503	32,598	1,482	2,364	3,961	6,866
Delaware	7,762	NA	7,572	278	425	839	1,512
District of Columbia	7,310	6,724	7,334	286	493	848	1,399
Florida	NA	NA	9,968	1,135	NA	1,822	1,947
Georgia	76,470	68,547	69,951	4,375	5,561	8,334	12,385
Hawaii	322	312	310	50	49	60	54
Idaho	17,048	16,460	16,961	658	1,049	2,134	3,387
Illinois	250,161	245,861	277,388	8,796	18,341	28,660	44,330
Indiana	82,358	80,908	90,317	2,230	5,593	8,791	14,533
Iowa	40,058	39,906	45,672	1,327	2,430	4,089	6,974
Kansas	41,508	37,089	42,649	1,084	2,043	4,495	6,884
Kentucky	NA	27,518	29,782	912	NA	3,099	4,888
Louisiana	23,675	NA	21,636	1,157	1,572	2,539	4,091
Maine	NA	1,849	2,010	NA	128	228	406
Maryland	50,433	47,342	51,728	1,663	3,522	5,353	9,438
Massachusetts	75,518	71,955	84,839	2,984	5,160	9,515	16,511
Michigan	190,514	190,418	207,784	6,029	13,934	22,687	33,723
Minnesota	80,983	NA	89,502	2,450	5,546	10,107	16,061
Mississippi	NA	NA	12,899	611	837	1,292	2,840
Missouri	65,401	61,438	68,839	2,002	3,700	6,189	10,069
Montana	12,485	13,009	15,139	354	1,045	1,684	2,451
Nebraska	23,698	23,921	26,728	1,056	1,387	2,491	4,185
Nevada	27,985	28,223	30,002	1,607	2,445	2,891	5,858
New Hampshire	4,712	4,464	5,273	145	307	567	987
New Jersey	147,171	138,612	148,876	6,660	9,608	17,085	28,123
New Mexico	24,121	NA	24,980	1,119	1,596	2,450	5,347
New York	283,057	270,338	301,788	13,935	21,298	33,936	57,971
North Carolina	43,416	NA	40,538	1,098	2,132	3,635	7,578
North Dakota	7,677	7,918	8,415	225	523	1,039	1,727
Ohio	178,008	170,631	183,062	6,168	13,342	19,508	32,687
Oklahoma	40,735	36,415	43,525	1,359	2,256	3,987	6,320
Oregon	26,743	25,967	27,544	1,267	2,131	3,137	6,050
Pennsylvania	148,757	139,026	153,789	5,159	9,889	16,188	28,325
Rhode Island	11,875	11,223	12,304	430	728	1,411	2,532
South Carolina	20,530	16,973	17,249	764	844	1,774	3,600
South Dakota	8,555	8,287	9,687	240	660	1,094	1,906
Tennessee	47,152	NA	41,866	1,314	2,429	4,073	7,328
Texas	143,686	116,941	148,214	6,445	8,828	12,368	26,498
Utah	40,761	NA	45,477	2,292	2,886	5,312	8,394
Vermont	2,458	2,382	2,746	106	205	329	533
Virginia	51,118	NA	52,793	1,783	2,643	5,382	10,070
Washington	NA	NA	51,271	2,550	NA	6,414	10,816
West Virginia	15,898	14,410	14,858	311	1,044	1,914	2,986
Wisconsin	83,835	82,979	94,990	2,511	5,703	10,047	15,011
Wyoming	10,018	8,412	8,882	497	927	1,381	1,984
Total	2,986,799	2,824,233	3,119,958	128,129	215,105	340,762	566,833

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2019-2021

(million cubic feet) – continued

State	2021			2020			
	February	January	Total	December	November	October	September
Alabama	6,542	7,100	27,719	4,771	2,505	1,097	794
Alaska	2,792	2,645	21,022	2,686	2,604	1,675	886
Arizona	6,417	8,243	40,884	5,886	3,012	1,670	1,252
Arkansas	7,234	7,081	31,070	5,792	2,587	1,159	628
California	52,928	68,743	NA	67,509	45,650	23,145	19,004
Colorado	22,485	23,277	135,263	23,247	15,888	10,233	4,247
Connecticut	8,755	9,778	NA	7,963	NA	2,458	1,148
Delaware	2,291	2,417	NA	1,925	846	338	201
District of Columbia	2,119	2,164	10,877	2,095	956	351	262
Florida	2,514	3,025	NA	2,155	1,343	1,067	904
Georgia	20,953	24,862	119,873	22,744	10,773	5,501	4,335
Hawaii	52	57	603	53	45	48	46
Idaho	4,626	5,196	29,932	5,445	4,177	1,857	799
Illinois	78,190	71,843	395,124	64,329	36,411	24,255	9,032
Indiana	25,959	25,252	132,367	23,947	12,580	7,593	2,947
Iowa	13,532	11,708	NA	10,757	5,950	4,149	1,548
Kansas	14,889	12,113	61,149	10,336	5,823	4,260	1,383
Kentucky	10,370	10,027	45,666	9,307	4,382	2,083	891
Louisiana	7,411	6,905	NA	6,158	3,064	1,980	1,523
Maine	501	562	NA	424	272	NA	67
Maryland	14,714	15,743	74,376	12,125	6,661	3,248	1,771
Massachusetts	19,834	21,513	NA	18,904	NA	NA	2,942
Michigan	57,939	56,202	312,321	50,083	30,281	22,202	8,318
Minnesota	24,088	22,732	NA	20,224	14,167	9,621	3,428
Mississippi	NA	NA	NA	4,267	2,126	902	589
Missouri	22,267	21,174	99,411	18,630	9,766	3,876	2,097
Montana	3,619	3,332	NA	3,173	2,327	NA	467
Nebraska	7,844	6,734	37,445	6,090	3,423	1,595	835
Nevada	6,982	8,202	45,919	7,207	4,009	2,046	1,533
New Hampshire	1,275	1,432	6,890	1,238	484	221	183
New Jersey	41,470	44,224	221,609	38,106	19,768	8,861	5,312
New Mexico	6,287	7,322	NA	7,031	3,565	1,740	1,168
New York	76,860	79,057	429,989	70,585	39,102	17,381	11,244
North Carolina	12,227	16,746	NA	14,724	6,050	2,046	1,411
North Dakota	2,061	2,102	12,471	1,907	1,433	564	249
Ohio	53,885	52,418	272,704	47,909	25,958	12,499	5,754
Oklahoma	13,858	12,955	59,329	11,620	5,636	1,769	1,455
Oregon	7,119	7,040	45,509	7,264	6,043	2,910	1,156
Pennsylvania	42,725	46,470	218,091	38,219	18,947	9,673	4,534
Rhode Island	3,170	3,604	17,900	3,112	1,728	535	453
South Carolina	6,239	7,309	28,305	6,567	2,231	904	628
South Dakota	2,501	2,154	12,924	2,076	1,234	640	270
Tennessee	15,847	16,162	NA	14,282	5,676	2,161	1,287
Texas	50,595	38,953	NA	39,667	16,177	NA	6,453
Utah	9,576	12,301	NA	14,162	5,752	2,418	1,896
Vermont	634	651	3,637	521	319	149	103
Virginia	14,277	16,962	NA	14,520	5,991	3,175	1,782
Washington	13,322	13,086	NA	12,924	11,118	6,446	2,303
West Virginia	4,689	4,954	22,609	3,904	2,085	1,072	500
Wisconsin	26,190	24,372	135,930	22,161	12,233	10,400	3,167
Wyoming	2,670	2,559	13,401	2,151	1,533	568	290
Total	860,364	875,605	4,648,266	792,881	439,021	240,412	125,476

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2019-2021

(million cubic feet) – continued

State	2020						
	August	July	June	May	April	March	February
Alabama	687	713	817	1,204	1,640	2,607	5,259
Alaska	548	498	611	924	1,577	2,611	2,749
Arizona	1,139	1,328	1,559	1,939	3,110	4,675	6,891
Arkansas	518	588	664	1,463	2,028	4,386	5,061
California	19,821	22,572	22,897	27,770	NA	52,770	52,704
Colorado	2,892	2,804	3,466	5,252	12,253	12,625	20,685
Connecticut	1,047	1,213	1,596	2,637	4,839	5,798	8,293
Delaware	166	189	238	556	NA	NA	NA
District of Columbia	230	260	304	581	907	1,187	1,806
Florida	918	936	NA	NA	1,473	NA	2,136
Georgia	4,023	3,949	4,296	5,775	7,420	10,679	19,285
Hawaii	50	51	50	50	57	51	49
Idaho	597	597	892	1,283	2,087	3,142	4,434
Illinois	7,695	7,541	9,771	20,180	33,320	46,335	66,414
Indiana	2,218	2,174	2,528	6,012	9,814	15,588	23,335
Iowa	1,110	NA	1,385	2,587	5,168	7,324	11,019
Kansas	1,064	1,193	1,213	2,120	4,535	6,586	10,360
Kentucky	720	765	829	1,806	3,207	4,690	8,417
Louisiana	1,220	1,393	1,375	1,654	2,018	3,008	4,811
Maine	53	54	72	164	283	371	461
Maryland	1,358	1,871	2,027	3,863	5,885	8,223	12,064
Massachusetts	2,046	2,812	3,193	5,903	11,752	14,352	17,420
Michigan	5,472	5,546	6,492	16,489	26,901	36,788	51,991
Minnesota	2,700	2,590	NA	5,198	9,816	15,291	NA
Mississippi	582	607	666	738	NA	2,179	3,769
Missouri	1,833	1,770	1,957	3,746	6,250	10,409	18,401
Montana	406	548	773	1,267	1,732	2,684	3,085
Nebraska	755	826	1,076	1,632	2,978	4,589	6,055
Nevada	1,316	1,584	1,963	2,327	3,572	5,342	6,716
New Hampshire	138	160	156	327	646	867	1,192
New Jersey	4,567	6,385	6,631	12,651	20,542	24,118	30,994
New Mexico	1,001	1,078	1,050	1,230	2,454	4,766	NA
New York	10,195	11,144	13,001	25,913	40,428	52,224	65,690
North Carolina	1,095	NA	NA	2,629	3,484	5,725	10,617
North Dakota	210	190	233	512	1,125	1,578	2,016
Ohio	5,151	4,802	5,955	15,432	23,477	32,235	47,512
Oklahoma	1,249	1,186	1,316	2,269	4,279	6,060	10,926
Oregon	1,000	1,170	1,575	2,165	3,288	5,856	6,263
Pennsylvania	3,933	3,759	5,656	12,797	19,820	25,257	35,859
Rhode Island	424	424	431	871	1,824	2,202	2,775
South Carolina	481	522	690	1,142	1,405	2,684	5,217
South Dakota	208	210	289	543	1,225	1,521	2,142
Tennessee	1,156	1,173	1,518	NA	4,016	NA	12,708
Texas	6,428	6,835	7,010	8,322	10,547	18,708	34,257
Utah	1,719	2,115	2,865	2,820	NA	6,919	10,782
Vermont	78	85	122	238	368	419	610
Virginia	1,592	1,744	1,945	NA	4,927	7,297	11,519
Washington	1,994	2,345	2,786	3,901	6,508	NA	10,967
West Virginia	315	322	669	940	1,931	2,660	3,987
Wisconsin	2,522	2,469	2,794	6,361	12,160	16,225	22,530
Wyoming	199	248	397	747	1,403	1,749	2,049
Total	108,838	117,405	135,813	235,016	375,432	524,858	732,603

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2019-2021

(million cubic feet) – continued

State	2020						2019
	January	Total	December	November	October	September	August
Alabama	5,624	30,616	5,044	2,825	980	705	656
Alaska	3,653	17,951	2,685	1,978	1,447	823	456
Arizona	8,425	42,085	5,947	2,994	1,800	1,170	1,088
Arkansas	6,195	33,718	5,438	4,256	921	565	541
California	70,232	464,672	60,983	43,975	25,563	18,490	18,498
Colorado	21,671	142,692	22,258	17,685	10,443	3,101	2,749
Connecticut	8,341	52,228	8,492	6,140	1,974	1,066	933
Delaware	2,044	11,643	1,986	1,266	288	178	168
District of Columbia	1,939	12,065	2,251	1,481	246	253	272
Florida	NA	16,565	1,952	1,190	936	886	821
Georgia	21,093	123,249	18,521	14,859	5,453	3,811	3,952
Hawaii	54	576	46	42	45	43	44
Idaho	4,622	30,803	4,861	4,169	2,818	864	552
Illinois	69,840	438,021	59,858	56,523	21,239	7,867	7,332
Indiana	23,630	142,806	20,252	18,942	6,698	2,416	2,013
Iowa	12,423	71,385	9,970	8,180	4,263	1,084	1,114
Kansas	12,275	68,123	10,077	8,053	3,903	1,249	1,025
Kentucky	8,570	48,777	7,953	6,904	1,835	743	766
Louisiana	NA	36,019	5,277	4,123	1,507	1,171	1,249
Maine	498	3,134	467	354	141	64	49
Maryland	15,280	81,845	13,510	9,799	2,203	1,544	1,488
Massachusetts	19,335	135,116	22,166	14,991	4,918	2,902	2,600
Michigan	51,756	332,254	46,084	43,458	18,571	5,674	5,128
Minnesota	NA	144,577	22,261	17,333	8,285	2,679	2,285
Mississippi	4,078	22,118	3,723	3,231	796	423	527
Missouri	20,675	110,611	17,007	14,237	5,498	1,610	1,668
Montana	3,467	23,932	3,279	2,953	1,328	444	269
Nebraska	7,590	41,639	5,822	5,380	1,597	643	703
Nevada	8,302	47,931	7,356	3,862	2,427	1,520	1,310
New Hampshire	1,276	8,034	1,396	626	253	187	150
New Jersey	43,677	239,055	39,094	28,230	8,747	5,000	4,207
New Mexico	6,921	42,384	7,222	5,034	2,112	970	1,062
New York	73,083	473,617	71,422	52,629	17,557	10,275	9,735
North Carolina	12,931	67,948	12,688	9,945	1,766	1,021	1,015
North Dakota	2,455	13,124	2,004	1,542	600	198	186
Ohio	46,020	290,080	44,442	36,355	12,187	4,874	4,306
Oklahoma	11,564	67,890	10,706	8,608	1,624	1,069	1,118
Oregon	6,819	47,927	7,047	5,687	4,322	1,405	959
Pennsylvania	39,637	236,631	38,989	23,738	7,970	4,202	3,931
Rhode Island	3,119	19,892	3,130	2,399	933	423	360
South Carolina	5,835	28,871	5,509	3,863	719	536	491
South Dakota	2,567	14,809	1,976	1,703	765	220	214
Tennessee	12,769	68,686	11,788	10,191	1,692	1,139	910
Texas	38,096	228,129	31,828	24,293	7,328	5,045	5,213
Utah	12,308	75,938	13,171	8,205	3,612	1,916	1,552
Vermont	624	4,139	578	422	140	90	81
Virginia	14,028	81,831	13,627	8,690	2,260	1,502	1,486
Washington	13,006	89,967	12,890	11,277	8,230	2,622	1,704
West Virginia	4,223	23,850	3,758	3,172	1,089	297	343
Wisconsin	22,909	151,591	21,241	19,034	9,004	2,607	2,350
Wyoming	2,067	14,057	2,074	1,847	590	190	212
Total	820,510	5,015,603	752,105	588,674	231,622	109,775	101,840

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2019-2021

(million cubic feet) – continued

State	2019						
	July	June	May	April	March	February	January
Alabama	765	853	1,144	1,904	3,973	3,793	7,973
Alaska	413	531	982	1,442	2,125	2,265	2,803
Arizona	1,208	1,510	2,084	2,746	5,638	7,428	8,471
Arkansas	627	621	1,292	1,984	5,714	5,127	6,631
California	21,403	21,322	30,649	30,632	51,706	74,192	67,257
Colorado	1,028	3,957	7,697	9,680	19,642	20,865	23,587
Connecticut	1,025	1,338	2,278	3,792	7,201	8,189	9,800
Delaware	184	192	363	689	1,730	2,084	2,515
District of Columbia	228	292	395	745	1,651	2,150	2,101
Florida	813	924	1,190	1,556	1,678	2,169	2,451
Georgia	6,701	4,112	4,607	6,864	14,618	15,173	24,577
Hawaii	47	44	51	51	55	51	58
Idaho	578	730	1,138	1,891	3,527	4,695	4,980
Illinois	7,813	9,751	18,871	30,473	60,875	71,860	85,556
Indiana	2,169	2,560	4,786	8,727	20,903	23,480	29,860
Iowa	1,102	1,383	2,710	4,652	10,039	12,610	14,277
Kansas	1,168	1,178	1,911	3,260	9,360	12,915	14,024
Kentucky	794	911	1,196	2,265	7,153	7,556	10,700
Louisiana	1,057	1,211	1,555	2,442	4,242	4,907	7,279
Maine	49	83	167	260	423	511	566
Maryland	1,572	1,749	2,928	3,796	11,782	14,653	16,821
Massachusetts	2,700	3,222	6,378	9,992	19,439	20,379	25,429
Michigan	5,554	7,075	13,513	24,615	46,660	51,520	64,401
Minnesota	2,234	3,111	6,455	10,081	18,683	24,708	26,464
Mississippi	520	479	589	1,174	2,991	2,901	4,764
Missouri	1,752	1,940	3,231	5,246	15,499	19,790	23,133
Montana	521	829	1,079	1,581	3,332	4,742	3,575
Nebraska	767	901	1,745	2,527	6,194	7,792	7,568
Nevada	1,453	1,807	2,254	3,021	6,324	8,076	8,520
New Hampshire	150	182	375	610	1,130	1,338	1,639
New Jersey	4,900	6,644	9,825	14,838	34,457	38,557	44,555
New Mexico	1,005	1,108	1,786	2,632	4,615	6,616	8,222
New York	10,211	12,465	22,277	34,355	70,167	73,689	88,837
North Carolina	975	1,439	1,363	3,081	9,502	9,943	15,211
North Dakota	179	234	574	917	1,764	2,536	2,391
Ohio	4,855	5,378	10,285	19,037	43,223	47,362	57,776
Oklahoma	1,240	1,511	2,165	3,481	9,429	12,543	14,397
Oregon	962	1,297	1,692	3,332	5,943	7,977	7,302
Pennsylvania	4,013	4,855	8,448	14,432	35,444	40,218	50,391
Rhode Island	342	444	860	1,374	2,783	3,061	3,781
South Carolina	505	544	584	1,668	3,680	4,302	6,471
South Dakota	244	283	734	1,144	2,105	2,763	2,657
Tennessee	1,101	1,186	1,599	3,403	9,929	10,247	15,503
Texas	6,208	6,613	7,913	16,990	33,326	38,167	45,205
Utah	2,005	2,032	4,707	3,970	9,212	11,743	13,813
Vermont	82	128	224	383	573	680	758
Virginia	1,475	1,813	1,926	4,451	11,686	14,417	18,500
Washington	1,974	2,415	3,194	6,195	10,491	15,673	13,304
West Virginia	331	314	654	1,355	3,842	3,677	5,017
Wisconsin	2,366	3,127	7,050	11,515	19,697	24,516	29,084
Wyoming	261	528	866	1,171	1,986	2,116	2,215
Total	111,629	129,157	212,341	328,421	688,144	808,724	953,171

^R Revised data.^{NA} Not available.**Notes:** Geographic coverage is the 50 states and the District of Columbia. See Appendix A, Explanatory Note 6, for discussion of computations and revision policy.**Source:** U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.

Table 15. Natural gas deliveries to commercial consumers, by state, 2019-2021

(million cubic feet)

State	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	14,016	12,151	14,176	1,096	1,335	1,773	2,047
Alaska	9,148	NA	8,218	562	907	1,423	2,115
Arizona	19,520	19,419	19,256	2,152	2,412	2,527	3,461
Arkansas	NA	29,045	30,470	3,342	NA	4,209	6,555
California	NA	121,866	133,679	16,220	16,450	NA	22,366
Colorado	36,431	31,947	36,851	1,803	³3,434	5,722	7,321
Connecticut	32,103	30,092	32,016	2,322	3,136	4,294	6,266
Delaware	8,669	NA	8,501	822	830	1,102	1,548
District of Columbia	NA	7,987	9,084	622	727	NA	1,676
Florida	33,122	NA	33,236	4,757	5,122	5,535	5,508
Georgia	31,440	28,908	29,896	2,291	2,740	3,792	5,147
Hawaii	966	946	1,306	185	159	177	157
Idaho	10,797	10,262	11,167	702	825	1,458	2,152
Illinois	134,454	127,924	145,605	8,125	11,302	17,061	25,608
Indiana	47,897	46,157	51,849	2,312	3,734	5,362	8,419
Iowa	30,088	29,437	33,342	1,814	2,430	3,320	5,285
Kansas	NA	21,854	23,370	NA	2,174	3,239	4,174
Kentucky	22,424	19,499	21,714	1,226	1,582	2,381	3,806
Louisiana	17,174	15,039	17,021	1,949	2,192	2,721	2,792
Maine	NA	5,307	6,052	NA	446	699	1,121
Maryland	39,610	37,860	43,211	3,083	5,000	5,618	7,614
Massachusetts	57,498	57,590	71,118	3,099	4,507	7,550	11,456
Michigan	102,426	98,903	111,668	5,251	8,944	12,748	20,016
Minnesota	64,180	NA	68,151	2,672	5,115	8,103	¹³,761
Mississippi	12,433	NA	10,695	1,023	1,217	1,402	2,149
Missouri	38,352	35,940	40,568	2,224	3,183	4,363	6,248
Montana	14,227	14,865	16,422	869	1,581	2,164	2,508
Nebraska	19,250	19,153	21,115	1,523	¹1,866	2,221	3,107
Nevada	16,398	16,127	19,534	1,824	1,996	2,208	2,952
New Hampshire	5,734	5,359	6,453	205	394	698	1,198
New Jersey	86,347	82,095	90,620	6,712	7,603	9,819	16,213
New Mexico	15,553	NA	15,231	1,214	1,350	1,701	3,281
New York	167,559	162,342	185,129	13,646	16,701	22,250	31,900
North Carolina	31,120	NA	31,994	2,251	2,920	3,784	5,556
North Dakota	8,932	9,266	9,435	373	721	1,177	1,951
Ohio	104,476	98,170	107,883	5,769	8,550	12,546	18,952
Oklahoma	27,107	24,511	29,075	1,641	2,157	3,066	4,505
Oregon	16,755	16,168	18,338	1,080	1,598	2,220	3,714
Pennsylvania	93,324	87,309	99,228	5,428	7,661	11,329	17,078
Rhode Island	7,107	6,676	7,641	281	496	911	1,530
South Carolina	13,694	12,341	13,413	1,419	1,620	1,914	2,360
South Dakota	7,281	7,093	8,117	322	605	992	1,588
Tennessee	33,440	NA	31,070	2,474	2,995	4,015	5,156
Texas	101,944	NA	114,007	10,478	10,818	13,607	16,856
Utah	24,313	NA	27,432	1,790	1,798	3,105	4,820
Vermont	3,990	3,693	4,022	369	420	547	769
Virginia	39,256	34,405	41,790	3,217	3,418	5,371	6,667
Washington	NA	30,965	33,731	2,439	NA	4,295	6,512
West Virginia	13,250	12,001	13,429	853	1,293	1,823	2,472
Wisconsin	59,040	52,494	60,726	2,613	5,690	6,930	11,934
Wyoming	9,112	7,521	7,935	634	913	1,298	1,736
Total	1,904,113	1,796,969	2,025,991	141,857	¹181,384	245,646	³354,082

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2019-2021

(million cubic feet) – continued

State	2021			2020			
	February	January	Total	December	November	October	September
Alabama	3,759	4,007	22,764	3,209	2,663	1,612	1,138
Alaska	2,149	1,991	NA	2,116	1,898	1,336	749
Arizona	4,211	4,758	35,592	4,364	3,195	2,353	2,086
Arkansas	7,406	7,572	53,386	6,575	4,745	4,128	3,117
California	21,775	23,806	233,588	25,095	22,715	18,027	16,029
Colorado	8,886	9,265	56,710	9,217	6,327	4,288	1,959
Connecticut	7,668	8,417	NA	6,811	NA	NA	2,464
Delaware	2,112	2,256	NA	2,184	1,390	1,087	819
District of Columbia	2,088	2,076	NA	2,206	1,264	778	NA
Florida	5,895	6,305	NA	5,691	5,151	4,527	NA
Georgia	8,155	9,316	51,098	8,558	4,438	2,708	2,231
Hawaii	140	148	1,730	156	126	128	118
Idaho	2,710	2,950	19,521	3,070	2,163	1,660	904
Illinois	38,357	34,001	213,663	29,312	19,063	15,551	8,370
Indiana	14,745	13,325	80,876	12,736	7,654	5,916	3,540
Iowa	9,278	7,962	51,052	7,275	4,600	4,230	1,925
Kansas	7,318	6,226	38,253	5,012	3,297	2,866	1,624
Kentucky	6,786	6,644	33,314	5,918	3,028	1,909	1,156
Louisiana	3,923	3,597	NA	3,727	2,691	2,438	NA
Maine	1,353	1,497	NA	1,231	831	NA	310
Maryland	9,006	9,288	65,961	8,945	5,574	4,331	3,672
Massachusetts	15,384	15,502	NA	14,024	9,154	6,402	3,977
Michigan	28,461	27,006	163,952	23,216	14,967	10,730	5,945
Minnesota	17,806	16,724	NA	14,233	10,917	7,660	3,180
Mississippi	3,239	3,404	NA	2,731	1,726	1,207	948
Missouri	11,583	10,751	60,009	8,914	5,415	3,276	2,344
Montana	3,728	3,377	NA	3,209	2,505	NA	1,058
Nebraska	5,715	4,817	32,306	4,613	2,959	1,896	1,197
Nevada	3,437	3,982	29,097	3,766	2,790	1,867	1,490
New Hampshire	1,526	1,712	8,466	1,503	622	308	268
New Jersey	21,927	24,074	138,421	21,790	12,312	6,829	5,393
New Mexico	3,657	4,351	NA	4,644	2,971	2,138	1,320
New York	40,966	42,096	283,446	40,415	26,304	16,009	12,987
North Carolina	7,298	9,312	NA	8,492	5,016	2,925	2,624
North Dakota	2,336	2,374	15,109	2,148	1,697	802	459
Ohio	29,560	29,099	162,676	26,053	15,089	8,192	4,791
Oklahoma	8,221	7,516	42,281	6,659	3,807	2,513	1,735
Oregon	4,093	4,050	28,337	4,084	3,422	1,945	948
Pennsylvania	24,413	27,414	146,505	23,807	12,943	7,905	5,445
Rhode Island	1,824	2,064	10,632	1,863	1,023	313	277
South Carolina	3,095	3,286	23,029	3,240	2,263	1,558	1,363
South Dakota	1,981	1,793	11,657	1,723	1,152	692	369
Tennessee	9,367	9,433	NA	8,931	5,385	3,042	2,404
Texas	25,696	24,489	NA	22,263	13,852	12,918	10,469
Utah	6,068	6,730	NA	7,719	3,355	1,679	1,340
Vermont	895	989	6,754	864	655	460	336
Virginia	9,611	10,973	63,114	9,891	5,345	4,459	3,113
Washington	7,758	NA	54,962	7,208	6,145	4,216	2,163
West Virginia	3,287	3,522	21,094	2,958	1,896	1,451	1,022
Wisconsin	16,219	15,655	89,654	12,777	8,649	7,045	3,174
Wyoming	2,311	2,219	12,521	1,852	1,407	665	401
Total	489,184	491,960	3,147,056	449,000	292,895	207,020	142,167

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2019-2021

(million cubic feet) – continued

State	2020						
	August	July	June	May	April	March	February
Alabama	1,009	981	924	1,082	1,450	1,858	3,268
Alaska	560	470	NA	NA	NA	2,045	2,216
Arizona	2,036	2,139	2,121	1,845	2,410	3,655	4,362
Arkansas	2,851	2,925	2,801	3,271	3,765	5,710	6,267
California	15,098	14,758	13,627	14,029	15,147	25,859	25,321
Colorado	1,573	1,400	1,583	2,451	4,671	5,559	8,625
Connecticut	2,415	2,413	2,103	2,908	4,365	5,725	7,084
Delaware	753	740	658	808	NA	1,431	NA
District of Columbia	612	652	615	681	1,085	1,449	1,912
Florida	4,101	4,031	4,104	NA	3,974	NA	6,084
Georgia	2,157	2,098	2,212	2,697	3,298	4,681	7,606
Hawaii	125	131	118	104	117	191	196
Idaho	726	735	788	869	1,220	1,993	2,607
Illinois	6,595	6,846	7,054	11,201	17,357	24,914	33,402
Indiana	2,487	2,387	2,398	3,408	5,170	8,787	12,882
Iowa	1,737	1,848	1,819	2,183	3,857	5,603	7,713
Kansas	1,741	1,859	1,782	1,851	3,074	3,998	5,383
Kentucky	926	879	844	1,388	2,238	3,564	5,582
Louisiana	1,970	NA	2,013	1,733	2,175	2,598	3,285
Maine	259	247	271	469	776	1,071	1,315
Maryland	2,815	2,765	3,365	3,891	5,044	6,820	8,687
Massachusetts	NA	4,076	3,218	4,903	8,855	10,792	14,224
Michigan	5,583	4,607	4,827	8,055	13,622	20,172	25,569
Minnesota	3,057	2,393	NA	4,315	7,130	11,816	NA
Mississippi	937	887	880	963	NA	1,855	2,666
Missouri	2,141	1,979	2,265	2,726	4,024	6,350	9,868
Montana	941	912	1,394	1,720	2,062	2,779	3,279
Nebraska	1,257	1,231	1,369	1,557	2,471	3,620	4,466
Nevada	1,375	1,681	1,394	1,243	1,865	3,502	3,766
New Hampshire	191	215	187	367	742	1,055	1,426
New Jersey	4,568	5,434	8,013	6,375	11,103	14,351	17,462
New Mexico	1,084	997	990	914	1,352	2,971	NA
New York	13,003	12,386	12,304	16,280	24,079	29,676	38,519
North Carolina	2,197	1,951	NA	2,355	2,997	4,416	7,043
North Dakota	410	327	332	677	1,306	1,901	2,303
Ohio	5,224	5,156	5,982	7,965	13,238	18,315	26,044
Oklahoma	1,522	1,534	1,536	1,890	2,765	4,271	6,817
Oregon	889	883	1,039	1,328	1,910	3,611	4,011
Pennsylvania	4,877	4,219	5,212	7,096	11,650	16,150	22,509
Rhode Island	239	241	261	474	1,045	1,295	1,736
South Carolina	1,033	1,232	1,279	1,279	1,411	1,924	3,047
South Dakota	317	312	318	522	1,012	1,277	1,811
Tennessee	2,289	2,229	2,218	NA	3,138	NA	8,148
Texas	10,064	10,309	NA	9,640	12,330	15,989	22,718
Utah	1,317	1,454	1,802	1,899	NA	4,255	6,290
Vermont	396	350	304	329	516	748	828
Virginia	2,955	2,946	2,693	3,627	4,754	5,417	7,922
Washington	2,112	2,153	2,466	2,819	3,921	6,571	7,157
West Virginia	922	844	1,009	1,057	1,562	2,274	2,961
Wisconsin	2,893	2,622	2,612	4,363	7,007	10,244	13,918
Wyoming	289	386	472	713	1,279	1,529	1,758
Total	130,731	128,275	131,603	161,109	236,913	337,078	443,357

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2019-2021

(million cubic feet) – continued

State	2020						2019
	January	Total	December	November	October	September	August
Alabama	3,569	24,875	3,198	2,442	1,672	1,152	1,067
Alaska	2,653	14,570	1,947	1,609	1,109	721	495
Arizona	5,026	34,687	4,183	3,122	2,378	1,911	1,887
Arkansas	7,231	55,100	6,384	5,745	3,691	2,916	2,892
California	27,883	255,981	25,534	26,624	20,971	16,093	17,132
Colorado	9,059	61,755	9,209	7,215	4,258	1,703	1,654
Connecticut	7,908	57,642	8,159	6,491	3,455	2,541	2,475
Delaware	2,071	15,590	2,008	1,838	978	758	744
District of Columbia	2,244	16,125	2,317	1,791	688	736	845
Florida	NA	63,355	6,140	5,274	4,810	4,694	4,665
Georgia	8,414	53,611	7,271	6,049	2,777	2,011	2,164
Hawaii	219	2,608	214	193	215	214	230
Idaho	2,785	20,971	2,760	2,271	2,180	1,023	788
Illinois	33,996	247,280	32,173	29,815	14,889	8,349	8,244
Indiana	13,513	88,245	11,610	11,066	6,239	2,761	2,358
Iowa	8,263	57,985	7,608	7,535	4,271	1,742	1,757
Kansas	5,767	41,320	5,421	4,495	2,776	1,907	1,575
Kentucky	5,882	37,395	5,314	4,763	1,961	1,219	1,187
Louisiana	3,234	32,980	3,581	3,533	2,531	2,022	2,312
Maine	1,405	9,919	1,369	1,087	526	332	282
Maryland	10,052	76,349	10,497	8,573	3,817	3,341	3,458
Massachusetts	15,597	121,518	16,205	14,040	7,099	5,015	3,907
Michigan	26,658	181,825	24,076	20,007	10,427	5,222	5,502
Minnesota	NA	113,428	16,690	12,956	6,791	3,027	2,778
Mississippi	2,842	19,935	2,658	2,394	1,352	853	998
Missouri	10,708	67,930	9,092	7,255	4,475	2,130	2,208
Montana	3,630	27,790	3,472	2,907	1,823	1,143	941
Nebraska	5,669	35,388	4,351	4,437	1,973	1,063	1,176
Nevada	4,356	35,190	4,326	3,249	2,583	1,876	1,783
New Hampshire	1,582	10,135	1,660	835	404	307	245
New Jersey	24,790	155,507	22,024	16,809	8,040	5,606	5,351
New Mexico	4,108	29,661	4,870	3,640	2,618	1,157	1,188
New York	41,483	322,778	41,826	35,283	16,506	14,663	14,698
North Carolina	8,443	57,310	7,461	7,558	3,350	2,478	2,326
North Dakota	2,748	15,455	2,391	1,809	766	379	350
Ohio	26,626	177,428	24,590	20,364	9,152	5,246	5,007
Oklahoma	7,231	48,791	6,618	5,529	2,665	1,615	1,607
Oregon	4,270	32,379	4,263	3,626	2,768	1,341	1,039
Pennsylvania	24,692	161,624	23,289	16,088	7,752	5,301	5,071
Rhode Island	1,864	12,416	1,953	1,487	582	288	238
South Carolina	3,400	24,926	2,938	3,067	1,632	1,294	1,305
South Dakota	2,153	13,405	1,902	1,585	747	374	345
Tennessee	8,568	56,315	7,641	7,559	3,208	2,379	2,148
Texas	23,287	198,029	21,495	18,796	11,983	10,247	10,539
Utah	6,829	47,336	7,584	4,963	2,867	1,574	1,278
Vermont	967	7,341	972	800	450	375	362
Virginia	9,993	71,245	9,078	7,101	3,742	3,032	3,429
Washington	8,031	61,010	7,982	6,542	5,549	2,631	2,236
West Virginia	3,139	23,599	2,982	2,629	1,542	975	1,039
Wisconsin	14,349	101,576	13,521	12,133	6,319	3,034	3,070
Wyoming	1,770	12,996	1,796	1,630	624	294	330
Total	486,910	3,512,607	456,605	388,610	215,982	143,062	140,705

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2019-2021

(million cubic feet) – continued

State	2019						
	July	June	May	April	March	February	January
Alabama	1,169	1,270	1,356	1,573	2,841	2,268	4,868
Alaska	471	539	881	1,219	1,334	2,134	2,111
Arizona	1,949	2,093	2,434	2,630	3,536	4,086	4,477
Arkansas	3,002	2,870	3,489	4,074	6,446	6,141	7,448
California	15,947	15,505	18,840	17,595	23,676	30,619	27,444
Colorado	864	2,190	3,632	4,440	8,339	8,613	9,638
Connecticut	2,505	2,328	2,996	4,033	6,830	7,205	8,623
Delaware	762	713	808	886	1,826	1,871	2,396
District of Columbia	665	682	843	998	1,936	2,169	2,456
Florida	4,535	4,699	4,988	5,288	5,823	5,810	6,628
Georgia	3,442	2,182	2,422	3,268	6,151	6,135	9,737
Hawaii	235	202	221	221	216	210	237
Idaho	782	792	988	1,346	2,223	2,812	3,007
Illinois	8,205	8,561	12,208	18,501	31,315	34,471	40,549
Indiana	2,363	2,634	3,271	5,289	11,740	12,754	16,162
Iowa	1,731	1,763	2,396	3,748	7,161	8,582	9,692
Kansas	1,776	1,817	1,962	2,014	4,785	6,332	6,460
Kentucky	1,236	1,251	1,393	1,959	4,947	5,227	6,937
Louisiana	1,979	1,981	2,102	2,378	3,205	2,899	4,457
Maine	271	338	566	811	1,254	1,438	1,644
Maryland	3,453	3,227	4,074	4,623	9,473	9,296	12,519
Massachusetts	4,133	3,951	6,268	9,082	14,714	16,787	20,316
Michigan	4,922	6,101	9,670	14,439	24,748	27,193	29,516
Minnesota	3,036	3,265	5,024	9,026	14,622	17,937	18,276
Mississippi	984	899	923	1,261	2,213	2,149	3,250
Missouri	2,201	2,215	2,947	4,082	8,697	10,638	11,989
Montana	1,082	1,230	1,621	2,079	3,529	4,368	3,595
Nebraska	1,273	1,288	1,865	2,214	4,460	5,760	5,527
Nevada	1,839	1,994	2,331	2,588	3,745	4,323	4,553
New Hampshire	231	259	481	772	1,386	1,581	1,975
New Jersey	7,056	5,365	7,408	10,949	19,670	22,350	24,878
New Mexico	958	1,166	1,535	1,739	2,726	3,551	4,514
New York	14,673	13,665	16,836	22,903	39,125	41,248	51,352
North Carolina	2,145	2,758	2,600	3,392	6,767	6,619	9,858
North Dakota	325	343	703	1,091	2,005	2,694	2,598
Ohio	5,186	5,315	7,456	12,343	24,505	25,548	32,716
Oklahoma	1,682	1,815	2,228	2,950	6,094	7,538	8,449
Oregon	1,003	1,217	1,495	2,366	3,916	4,890	4,455
Pennsylvania	4,895	5,104	7,090	10,444	21,399	23,331	31,861
Rhode Island	228	300	550	919	1,731	1,842	2,298
South Carolina	1,275	1,333	1,500	1,711	2,648	2,475	3,746
South Dakota	335	355	646	996	1,701	2,263	2,156
Tennessee	2,311	2,348	2,412	3,083	6,613	6,460	10,154
Texas	10,962	12,152	12,136	16,432	22,431	24,041	26,814
Utah	1,638	1,513	3,311	2,660	5,473	6,832	7,643
Vermont	360	332	321	498	820	911	1,142
Virginia	3,073	3,141	3,566	4,503	8,681	9,555	12,344
Washington	2,339	2,646	3,093	4,566	6,799	8,635	7,990
West Virginia	1,003	971	1,175	1,631	3,039	2,893	3,719
Wisconsin	2,774	3,332	4,892	7,747	13,039	14,753	16,963
Wyoming	387	558	841	1,081	1,697	1,834	1,923
Total	141,651	144,568	184,799	246,441	424,050	472,073	554,061

^R Revised data.^{NA} Not available.**Notes:** Geographic coverage is the 50 states and the District of Columbia. See Appendix A, Explanatory Note 6, for discussion of computations and revision policy.**Source:** U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.

Table 16. Natural gas deliveries to industrial consumers, by state, 2019-2021

(million cubic feet)

State	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	114,426	104,267	111,709	18,183	18,750	18,962	19,702
Alaska	NA	7,846	8,037	1,184	1,390	NA	1,525
Arizona	9,700	9,396	9,819	1,305	1,482	1,445	1,739
Arkansas	54,666	53,910	53,802	8,711	9,491	9,075	9,271
California	340,391	343,111	369,565	58,287	56,808	57,790	58,794
Colorado	45,601	44,621	49,821	5,435	6,073	7,534	8,718
Connecticut	11,936	12,118	12,349	1,591	1,698	1,627	2,084
Delaware	19,591	NA	16,868	2,590	2,912	2,821	3,000
District of Columbia	0	0	--	0	0	0	0
Florida	NA	NA	60,402	10,482	NA	11,539	11,800
Georgia	79,224	74,667	78,594	11,720	12,521	13,224	13,541
Hawaii	NA	40	44	9	NA	9	9
Idaho	19,246	18,891	18,809	2,345	2,755	3,028	3,524
Illinois	130,491	131,488	139,987	17,562	18,744	18,989	22,231
Indiana	202,230	190,036	220,616	29,666	31,460	32,374	34,926
Iowa	112,723	121,413	127,684	16,409	17,129	18,627	19,064
Kansas	NA	66,295	64,807	11,192	9,496	NA	10,638
Kentucky	62,853	58,548	63,972	8,646	9,555	9,883	10,728
Louisiana	526,384	567,384	580,112	85,152	84,591	85,559	85,504
Maine	11,931	12,242	10,702	1,658	1,756	1,908	2,157
Maryland	12,596	8,539	8,851	1,257	1,425	1,744	1,912
Massachusetts	27,644	26,212	27,379	2,753	3,282	4,454	5,274
Michigan	87,754	79,576	93,248	10,553	11,525	13,668	15,601
Minnesota	80,487	NA	86,761	13,014	11,785	14,188	13,424
Mississippi	73,807	66,077	66,434	12,433	12,923	12,033	11,746
Missouri	33,154	31,864	34,229	4,262	4,696	5,103	5,398
Montana	12,581	12,234	11,495	1,843	2,022	1,987	2,037
Nebraska	NA	NA	41,775	7,242	NA	7,028	NA
Nevada	NA	NA	10,242	NA	1,367	1,472	1,692
New Hampshire	4,877	4,925	5,304	673	653	816	901
New Jersey	NA	NA	30,313	4,337	NA	NA	NA
New Mexico	8,671	NA	9,205	1,411	1,501	1,415	1,467
New York	44,904	44,613	47,808	5,722	6,242	7,343	8,030
North Carolina	62,411	58,626	61,546	8,951	9,503	10,000	10,846
North Dakota	21,109	19,718	18,708	3,151	3,380	3,378	3,703
Ohio	154,263	147,835	157,394	20,150	21,674	24,967	28,453
Oklahoma	103,732	110,305	106,429	13,916	18,279	17,850	19,564
Oregon	29,467	28,873	28,366	4,119	4,595	4,822	5,442
Pennsylvania	NA	109,248	117,108	NA	NA	17,030	19,881
Rhode Island	4,469	4,426	4,617	652	680	768	750
South Carolina	48,416	46,197	48,021	7,369	8,205	7,689	8,605
South Dakota	NA	22,253	23,691	3,976	4,005	NA	3,923
Tennessee	77,337	NA	76,558	12,073	12,255	12,917	12,754
Texas	NA	921,704	896,744	157,432	160,826	NA	148,886
Utah	21,046	20,866	21,788	3,086	3,251	3,610	3,397
Vermont	1,103	1,184	1,270	131	152	159	211
Virginia	NA	NA	50,093	NA	NA	8,122	NA
Washington	NA	NA	38,673	6,052	NA	6,797	7,837
West Virginia	19,810	NA	18,963	2,995	3,266	2,961	3,600
Wisconsin	77,164	80,102	85,621	8,929	9,784	11,650	13,374
Wyoming	NA	NA	30,464	4,114	4,502	NA	NA
Total	4,145,495	4,119,451	4,256,795	640,438	661,259	679,509	702,989

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2019-2021

(million cubic feet) – continued

State	2021			2020			
	February	January	Total	December	November	October	September
Alabama	18,593	20,235	212,415	20,797	18,862	18,444	16,550
Alaska	1,299	1,437	15,983	1,422	1,315	1,577	1,299
Arizona	1,723	2,007	18,514	1,959	1,638	1,486	1,293
Arkansas	8,315	9,802	105,962	10,397	9,601	8,270	8,006
California	50,682	58,029	700,620	59,800	56,991	57,980	62,770
Colorado	8,672	9,169	84,643	9,238	7,971	7,057	5,749
Connecticut	2,364	2,572	NA	2,422	NA	NA	1,520
Delaware	3,934	4,334	NA	NA	3,185	3,082	2,641
District of Columbia	0	0	0	0	0	0	0
Florida	9,891	11,347	NA	11,415	9,692	NA	NA
Georgia	13,217	15,002	152,877	15,049	13,932	12,077	12,236
Hawaii	7	6	80	7	6	7	6
Idaho	3,535	4,059	38,385	4,000	3,633	3,572	3,031
Illinois	24,495	28,470	NA	26,866	23,727	20,623	NA
Indiana	35,178	38,626	376,095	37,438	32,641	31,291	29,119
Iowa	19,559	21,934	NA	21,842	NA	20,451	18,387
Kansas	11,037	12,397	131,662	11,767	10,662	10,917	9,458
Kentucky	11,572	12,470	114,157	11,358	9,568	9,496	8,285
Louisiana	83,686	101,892	NA	104,597	96,851	NA	94,934
Maine	2,218	2,235	NA	2,141	1,926	1,756	NA
Maryland	3,145	3,112	NA	NA	2,126	1,780	1,719
Massachusetts	6,219	5,662	NA	5,117	NA	NA	2,584
Michigan	18,238	18,168	NA	16,629	NA	14,053	11,468
Minnesota	13,096	14,979	NA	14,316	12,873	11,126	NA
Mississippi	12,323	12,349	129,176	12,493	11,672	9,387	9,204
Missouri	6,898	6,797	62,652	6,411	5,608	5,400	4,590
Montana	2,266	2,426	24,589	2,291	2,341	2,288	1,745
Nebraska	7,863	8,678	NA	8,893	8,393	9,369	7,890
Nevada	1,406	1,587	NA	1,513	NA	1,856	1,872
New Hampshire	931	902	9,340	866	778	764	693
New Jersey	5,293	5,895	NA	6,155	5,628	4,609	5,238
New Mexico	1,413	1,465	NA	1,400	1,361	1,494	1,464
New York	8,877	8,690	86,249	8,528	7,790	7,114	6,095
North Carolina	11,060	12,051	115,522	11,594	9,674	9,802	8,663
North Dakota	3,564	3,933	NA	3,975	NA	3,159	3,029
Ohio	29,836	29,183	281,049	27,852	23,664	22,822	18,601
Oklahoma	13,787	20,335	NA	19,973	18,826	18,344	17,399
Oregon	5,061	5,427	56,245	5,339	4,932	4,709	4,030
Pennsylvania	21,731	20,391	211,483	20,559	18,482	17,684	14,970
Rhode Island	812	808	8,361	732	643	626	672
South Carolina	7,751	8,796	92,671	8,668	8,055	7,984	7,240
South Dakota	4,514	4,560	45,442	4,362	4,270	3,696	3,721
Tennessee	13,123	14,215	NA	13,597	11,580	12,559	11,683
Texas	116,069	176,680	1,889,671	178,466	165,270	162,032	151,632
Utah	3,813	3,889	NA	3,554	3,417	2,969	3,274
Vermont	214	238	2,228	214	185	168	162
Virginia	9,037	11,029	NA	10,575	6,859	8,930	NA
Washington	6,901	NA	NA	7,726	7,156	7,226	6,432
West Virginia	3,253	3,735	NA	3,582	3,163	3,036	2,833
Wisconsin	16,735	16,693	152,627	15,892	13,834	13,337	10,361
Wyoming	4,665	NA	NA	6,246	5,646	5,771	NA
Total	669,873	791,426	8,257,199	786,536	711,072	694,701	650,665

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2019-2021

(million cubic feet) – continued

State	2020						
	August	July	June	May	April	March	February
Alabama	17,298	16,197	15,451	15,928	16,278	17,744	18,977
Alaska	1,313	1,211	1,226	1,230	1,199	1,288	1,463
Arizona	1,291	1,451	1,204	1,399	1,542	1,671	1,735
Arkansas	7,928	7,850	7,385	8,432	8,734	9,655	9,547
California	61,624	58,343	55,444	53,255	52,497	58,993	53,928
Colorado	5,052	4,956	5,411	5,829	6,979	8,194	8,985
Connecticut	1,653	1,693	1,511	1,615	1,970	2,125	2,348
Delaware	2,752	2,653	2,640	2,904	NA	3,424	3,552
District of Columbia	0	0	0	0	0	0	0
Florida	10,132	9,632	9,054	NA	10,604	NA	10,046
Georgia	12,813	12,103	11,201	11,745	11,929	11,762	13,511
Hawaii	6	7	6	6	6	8	8
Idaho	2,570	2,689	2,648	2,470	2,876	3,521	3,575
Illinois	17,620	18,160	16,825	18,062	19,349	24,155	26,063
Indiana	28,453	27,117	25,680	27,784	28,118	33,412	35,057
Iowa	18,264	18,121	16,293	18,408	18,533	22,095	22,027
Kansas	11,056	11,506	10,897	10,006	10,527	10,221	11,729
Kentucky	8,939	7,964	8,113	8,184	8,671	10,203	11,553
Louisiana	94,197	94,627	94,825	93,457	89,863	94,292	93,812
Maine	1,692	1,639	1,790	1,980	1,895	2,012	2,208
Maryland	NA	1,955	1,269	1,319	1,348	1,658	1,642
Massachusetts	2,463	2,532	2,365	3,173	4,243	4,713	5,879
Michigan	10,325	9,460	8,591	8,166	11,892	15,478	17,606
Minnesota	9,533	9,228	7,719	9,954	NA	14,087	NA
Mississippi	9,795	10,548	9,984	9,933	10,439	11,234	11,877
Missouri	4,512	4,268	4,244	4,284	4,571	5,500	6,551
Montana	1,806	1,883	1,740	1,865	2,004	2,125	2,201
Nebraska	8,284	8,496	6,762	5,929	NA	8,088	7,821
Nevada	1,852	1,652	1,588	1,617	1,633	NA	1,792
New Hampshire	689	624	687	724	793	891	916
New Jersey	5,197	5,705	4,375	3,603	4,324	4,662	5,056
New Mexico	1,477	1,405	1,294	1,326	1,466	1,646	NA
New York	5,860	6,249	5,722	5,794	7,004	8,125	8,966
North Carolina	8,857	8,306	8,427	8,735	8,914	10,433	10,654
North Dakota	3,331	3,143	3,204	2,626	3,103	3,522	3,526
Ohio	20,284	19,991	18,397	19,780	23,482	27,095	29,168
Oklahoma	17,620	NA	17,163	17,907	18,420	18,619	18,556
Oregon	4,245	4,117	4,115	4,284	4,615	5,335	5,149
Pennsylvania	15,074	15,465	15,221	15,155	16,582	19,520	20,797
Rhode Island	638	624	631	693	734	733	805
South Carolina	7,452	7,074	6,754	7,186	7,038	8,363	8,077
South Dakota	3,785	3,355	3,005	2,714	3,436	4,088	4,360
Tennessee	11,529	10,765	10,750	NA	11,582	NA	13,721
Texas	155,571	154,996	142,878	149,320	147,504	160,929	155,402
Utah	NA	2,884	3,015	3,292	3,172	3,432	3,979
Vermont	157	158	159	178	188	208	219
Virginia	NA	8,606	8,294	7,803	6,462	NA	NA
Washington	6,130	5,535	5,612	5,690	5,874	NA	NA
West Virginia	2,987	2,659	2,567	2,750	NA	2,870	3,418
Wisconsin	9,636	9,465	8,892	10,484	11,803	14,932	16,384
Wyoming	4,511	4,734	4,184	4,251	5,134	NA	5,124
Total	653,509	641,264	607,213	624,852	644,030	720,293	731,678

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2019-2021

(million cubic feet) – continued

State	2020						2019
	January	Total	December	November	October	September	August
Alabama	19,889	217,040	18,886	18,204	17,208	16,330	17,207
Alaska	1,440	15,940	1,418	1,568	1,480	1,263	1,036
Arizona	1,846	18,625	1,803	1,665	1,458	1,290	1,287
Arkansas	10,158	105,280	9,475	9,279	8,547	7,747	7,625
California	68,995	768,188	65,665	63,595	66,872	67,982	69,610
Colorado	9,223	91,693	9,245	8,486	7,606	5,517	5,535
Connecticut	2,549	24,520	2,667	2,416	1,917	1,686	1,792
Delaware	4,113	33,865	3,454	3,412	2,783	2,555	2,480
District of Columbia	0	--	--	--	--	--	--
Florida	NA	119,654	11,535	10,301	9,899	9,037	9,657
Georgia	14,517	155,992	13,992	14,295	12,913	11,857	12,132
Hawaii	6	94	8	8	9	8	8
Idaho	3,802	38,598	3,745	3,751	3,964	3,070	2,688
Illinois	27,035	267,360	27,107	25,224	21,735	16,513	18,773
Indiana	39,985	426,408	40,716	36,515	32,744	30,499	33,212
Iowa	24,058	249,885	23,009	22,669	20,119	18,406	20,003
Kansas	12,916	131,094	12,435	11,279	9,284	9,949	11,678
Kentucky	11,823	121,669	10,954	11,070	9,606	8,321	9,308
Louisiana	101,134	1,145,104	101,508	94,297	92,571	91,451	93,167
Maine	2,357	21,024	2,170	2,042	1,836	1,512	1,393
Maryland	1,303	18,336	1,590	2,257	1,367	1,427	1,130
Massachusetts	5,839	48,770	5,257	4,886	3,198	2,765	3,106
Michigan	17,843	173,618	17,350	16,362	13,266	11,267	11,179
Minnesota	NA	162,437	14,863	13,285	12,178	11,528	11,685
Mississippi	12,610	132,423	11,543	10,934	10,258	10,944	11,144
Missouri	6,714	65,452	6,289	6,196	5,567	4,506	4,357
Montana	2,300	23,689	2,282	2,355	2,173	1,865	1,715
Nebraska	8,921	89,696	7,972	10,252	8,144	6,798	7,521
Nevada	1,766	20,681	1,878	1,875	1,654	1,576	1,706
New Hampshire	915	9,834	838	821	768	686	710
New Jersey	NA	65,061	6,166	5,498	6,220	5,686	6,595
New Mexico	1,710	18,362	1,700	1,615	1,644	1,417	1,393
New York	9,002	90,330	8,759	8,435	6,628	6,067	6,410
North Carolina	11,462	119,114	10,782	10,759	9,487	8,674	9,224
North Dakota	3,736	36,093	3,280	2,647	2,283	2,883	3,154
Ohio	29,912	298,171	28,015	26,643	22,154	21,219	21,697
Oklahoma	19,640	211,168	19,260	17,725	18,413	16,514	16,650
Oregon	5,375	57,008	5,284	5,126	5,223	4,485	4,370
Pennsylvania	21,973	249,026	25,926	24,884	22,071	21,141	22,135
Rhode Island	830	8,819	786	714	661	670	690
South Carolina	8,779	94,907	8,096	8,389	8,004	7,104	7,544
South Dakota	4,649	46,014	4,698	3,856	3,084	3,415	3,590
Tennessee	13,942	147,533	12,933	12,550	12,156	10,824	11,380
Texas	165,671	1,799,319	167,322	152,645	145,196	140,135	149,207
Utah	3,977	41,348	3,720	3,767	3,122	3,052	2,875
Vermont	232	2,370	223	214	190	156	163
Virginia	8,949	100,608	8,522	8,860	8,129	8,405	8,275
Washington	7,188	78,490	7,242	6,842	7,239	6,560	6,048
West Virginia	NA	36,570	3,197	3,161	2,958	2,708	2,783
Wisconsin	17,607	162,622	16,830	16,175	12,957	10,355	10,430
Wyoming	5,723	61,755	6,239	5,453	5,470	4,610	4,682
Total	791,385	8,421,655	778,634	735,260	684,410	644,435	672,136

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2019-2021

(million cubic feet) – continued

State	2019						
	July	June	May	April	March	February	January
Alabama	17,497	17,864	18,233	17,426	19,316	17,930	20,939
Alaska	1,137	1,041	1,087	1,115	1,555	1,496	1,742
Arizona	1,303	1,330	1,531	1,478	1,602	1,834	2,044
Arkansas	8,805	8,236	8,746	8,482	9,472	8,849	10,016
California	64,900	60,273	63,860	59,312	63,355	57,327	65,438
Colorado	5,483	6,001	7,405	7,445	9,148	9,591	10,231
Connecticut	1,693	1,590	1,691	1,777	2,233	2,325	2,734
Delaware	2,314	2,541	2,606	2,452	2,868	2,871	3,530
District of Columbia	--	--	--	--	--	--	--
Florida	8,823	9,419	10,447	10,411	9,990	9,276	10,858
Georgia	12,210	12,090	12,660	12,624	13,890	12,498	14,832
Hawaii	8	7	8	8	7	7	8
Idaho ^a	2,570	2,621	2,710	2,817	3,374	3,431	3,855
Illinois	18,022	17,830	20,466	20,271	25,448	25,552	30,420
Indiana	32,105	30,495	34,525	35,898	40,810	36,785	42,103
Iowa	17,994	19,447	21,140	19,774	22,317	21,893	23,113
Kansas	11,663	10,018	9,290	8,855	11,138	12,363	13,144
Kentucky	8,438	8,447	9,259	10,068	12,266	10,803	13,128
Louisiana	91,998	92,948	99,122	95,649	97,218	93,611	101,564
Maine	1,369	1,375	1,597	1,746	1,966	1,909	2,110
Maryland	1,715	1,439	1,085	1,520	1,619	1,445	1,743
Massachusetts	2,180	2,744	3,695	4,135	5,097	5,884	5,823
Michigan	10,946	10,841	12,976	14,144	18,429	16,773	20,084
Minnesota	12,139	11,675	12,616	14,446	15,280	15,847	16,897
Mississippi	11,166	10,035	11,309	11,705	11,694	10,348	11,342
Missouri	4,307	4,404	4,579	4,995	6,063	6,701	7,488
Montana	1,804	1,771	1,850	1,733	1,901	2,085	2,154
Nebraska	7,235	6,598	7,164	6,280	6,610	7,306	7,817
Nevada	1,750	1,556	1,595	1,647	1,783	1,937	1,724
New Hampshire	708	748	814	877	963	961	942
New Jersey	4,584	4,864	4,688	4,134	5,747	5,465	5,415
New Mexico	1,387	1,431	1,530	1,492	1,661	1,513	1,578
New York	6,223	6,041	6,240	7,369	9,012	9,303	9,842
North Carolina	8,641	8,708	9,184	9,707	11,533	10,390	12,025
North Dakota	3,139	3,280	3,182	3,076	3,192	2,776	3,202
Ohio	21,048	17,195	22,428	24,655	30,365	29,530	33,220
Oklahoma	16,177	17,183	18,048	17,484	19,006	16,001	18,707
Oregon	4,154	4,057	4,446	4,763	5,027	4,845	5,229
Pennsylvania	15,761	15,766	15,819	17,509	22,786	21,573	23,655
Rhode Island	680	666	712	763	794	848	835
South Carolina	7,749	7,303	7,439	7,717	8,695	8,095	8,770
South Dakota	3,681	3,809	3,565	3,673	4,067	4,317	4,259
Tennessee	11,132	11,661	11,267	12,045	13,606	13,262	14,717
Texas	148,069	142,830	145,051	143,845	154,046	146,425	164,545
Utah	3,023	3,281	3,338	3,635	3,525	4,021	3,988
Vermont	154	169	188	197	233	229	254
Virginia	8,323	7,954	8,271	8,090	7,867	9,243	8,667
Washington	5,885	5,662	6,221	6,094	6,970	6,652	7,074
West Virginia	2,801	2,686	3,120	2,912	3,663	3,129	3,452
Wisconsin	10,254	10,113	11,722	13,038	16,414	16,639	17,695
Wyoming	4,836	4,531	4,750	4,214	5,046	5,586	6,337
Total	649,985	634,573	675,280	675,503	750,667	719,482	801,290

^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.

Notes: Geographic coverage is the 50 states and the District of Columbia. See Appendix A, Explanatory Note 6, for discussion of computations and revision policy.**Source:** U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2019-2021

(million cubic feet)

State	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	174,160	184,924	194,161	36,708	28,663	23,731	25,144
Alaska	W	11,312	13,096	2,213	W	1,606	1,670
Arizona	164,684	167,028	146,632	36,883	31,837	28,300	23,621
Arkansas	60,394	61,725	69,055	14,305	7,989	12,231	10,521
California	259,738	224,934	221,424	58,911	38,867	37,170	41,259
Colorado	56,450	69,593	59,478	11,462	9,553	8,013	7,524
Connecticut	74,844	73,364	64,053	15,411	11,494	10,234	13,012
Delaware	W	11,222	11,084	2,901	1,488	932	357
District of Columbia	--	--	--	--	--	--	--
Florida	600,113	648,852	623,111	120,147	114,635	96,241	91,912
Georgia	190,676	202,876	184,402	39,237	32,694	31,407	26,084
Hawaii	--	--	--	--	--	--	--
Idaho	14,935	13,642	11,222	3,168	2,176	1,336	2,789
Illinois	72,062	89,163	59,489	17,373	8,967	9,596	11,496
Indiana	94,709	112,432	101,667	17,292	13,471	13,446	14,280
Iowa	11,751	20,168	20,084	4,735	980	1,743	1,152
Kansas	W	10,493	11,593	2,628	W	2,323	1,711
Kentucky	51,664	48,056	46,883	10,927	8,429	6,224	8,432
Louisiana	153,789	172,204	168,398	34,560	27,192	23,773	24,833
Maine	6,744	W	W	1,292	1,152	802	751
Maryland	40,216	45,127	48,249	7,344	6,190	8,818	7,097
Massachusetts	53,435	40,280	53,575	12,167	5,587	4,972	6,998
Michigan	109,310	138,933	121,263	22,710	15,049	17,392	13,504
Minnesota	31,135	38,258	31,510	8,239	4,130	4,119	3,887
Mississippi	174,091	186,575	160,761	34,112	28,579	27,535	20,379
Missouri	24,903	30,911	27,946	7,705	3,031	2,692	2,086
Montana	W	W	2,329	525	W	398	321
Nebraska	W	5,315	W	1,731	W	911	W
Nevada	90,969	90,654	83,826	20,483	13,451	14,040	14,465
New Hampshire	12,479	10,513	8,053	3,582	2,243	1,549	765
New Jersey	91,800	101,198	134,736	21,962	15,098	14,156	13,012
New Mexico	42,614	47,342	45,865	9,169	7,755	5,937	6,336
New York	194,329	174,276	169,935	46,274	31,529	23,436	27,983
North Carolina	143,228	146,285	145,175	28,682	21,805	17,525	22,841
North Dakota	W	8,026	5,022	1,490	W	1,197	1,323
Ohio	177,878	183,177	173,652	29,398	29,493	24,908	30,342
Oklahoma	118,023	164,580	140,749	28,252	17,607	14,471	14,529
Oregon	60,729	58,123	59,316	9,544	5,757	11,521	11,876
Pennsylvania	398,971	369,606	293,038	75,753	65,381	55,482	64,340
Rhode Island	21,933	25,616	24,821	5,084	3,357	2,035	4,026
South Carolina	77,562	90,337	84,116	15,686	13,882	14,128	9,586
South Dakota	W	W	W	1,440	W	803	W
Tennessee	47,351	50,873	54,858	10,809	6,019	4,308	6,596
Texas	759,181	813,540	760,370	177,600	128,192	114,458	94,604
Utah	34,487	27,605	31,624	7,740	5,788	5,279	5,048
Vermont	3	7	8	1	1	--	--
Virginia	182,575	221,183	189,047	37,095	25,731	29,464	32,451
Washington	46,103	43,298	35,929	8,177	3,939	8,807	9,927
West Virginia	8,567	8,439	3,702	2,257	1,982	1,863	877
Wisconsin	70,779	77,951	68,212	15,769	9,329	11,379	11,070
Wyoming	3,449	W	1,141	1,129	607	825	334
Total	5,049,864	5,332,448	4,975,196	1,082,059	815,753	753,517	744,195

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2019-2021

(million cubic feet) – continued

State	2021			2020			
	February	January	Total	December	November	October	September
Alabama	26,750	33,164	396,717	31,225	23,527	30,535	35,983
Alaska	1,777	1,726	24,019	1,834	1,404	1,985	W
Arizona	16,393	27,651	389,639	29,776	27,943	36,405	39,033
Arkansas	7,233	8,114	133,920	11,074	7,591	11,475	8,917
California	38,571	44,960	615,090	56,359	51,138	70,380	68,219
Colorado	9,542	10,357	145,888	10,447	9,810	11,572	12,320
Connecticut	11,905	12,787	156,669	13,427	11,786	10,787	13,304
Delaware	763	W	27,908	958	1,501	1,359	2,546
District of Columbia	--	--	--	--	--	--	--
Florida	86,703	90,475	1,359,365	90,109	98,114	120,816	123,370
Georgia	27,672	33,583	428,117	33,974	32,405	33,303	34,185
Hawaii	--	--	--	--	--	--	--
Idaho	2,721	2,746	31,021	2,897	2,478	1,800	W
Illinois	11,332	13,298	197,871	13,300	8,766	12,584	14,205
Indiana	17,113	19,108	226,087	18,225	14,188	17,051	17,217
Iowa	1,377	1,763	44,452	3,328	1,814	3,313	4,324
Kansas	1,958	1,273	26,550	1,557	1,358	4,023	1,775
Kentucky	8,411	9,242	107,020	9,477	7,798	9,294	5,772
Louisiana	22,555	20,878	367,514	25,895	25,850	32,488	31,101
Maine	1,610	1,137	W	910	W	744	780
Maryland	5,574	5,193	94,673	5,082	6,814	8,781	7,142
Massachusetts	11,176	12,534	103,737	9,516	6,375	8,157	8,308
Michigan	22,133	18,523	282,292	20,182	16,037	22,442	21,763
Minnesota	5,030	5,729	81,505	6,120	3,992	6,364	7,205
Mississippi	28,522	34,964	385,648	29,154	25,521	30,576	33,265
Missouri	4,456	4,933	71,469	4,635	3,762	5,357	6,300
Montana	364	266	4,413	390	314	358	W
Nebraska	1,087	508	14,032	546	420	1,251	2,032
Nevada	12,977	15,553	202,652	15,675	12,502	17,393	20,592
New Hampshire	2,298	2,041	26,063	774	1,634	2,433	3,044
New Jersey	14,499	13,073	228,997	13,612	16,363	19,059	18,153
New Mexico	6,151	7,267	104,318	7,228	7,205	8,662	10,112
New York	29,976	35,130	422,237	32,767	30,903	30,286	39,202
North Carolina	22,662	29,713	306,987	28,090	21,109	22,838	24,414
North Dakota	1,106	1,171	16,876	1,287	1,130	1,358	W
Ohio	29,316	34,421	374,502	33,306	27,814	22,559	30,643
Oklahoma	21,736	21,428	338,835	22,976	15,107	22,691	28,483
Oregon	10,915	11,116	130,346	12,587	10,504	12,413	13,462
Pennsylvania	65,525	72,491	825,720	70,763	51,434	67,117	78,143
Rhode Island	3,450	3,981	56,183	4,122	4,516	3,696	5,603
South Carolina	10,987	13,293	184,948	13,395	12,142	13,214	15,926
South Dakota	729	420	W	453	W	821	W
Tennessee	8,329	11,290	109,096	10,129	7,603	7,224	8,956
Texas	124,912	119,416	1,764,649	114,853	110,205	144,722	165,311
Utah	4,842	5,789	66,724	6,200	4,333	5,671	7,081
Vermont	--	1	14	1	1	1	1
Virginia	26,118	31,716	444,301	33,133	25,318	33,041	36,870
Washington	7,254	8,000	96,101	8,800	5,334	9,346	10,975
West Virginia	717	870	21,142	1,129	1,821	2,814	1,077
Wisconsin	10,395	12,837	153,599	10,835	8,698	12,939	11,413
Wyoming	320	234	5,767	167	336	512	620
Total	787,939	866,400	11,615,988	872,676	767,235	954,009	1,037,749

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2019-2021

(million cubic feet) – continued

State	2020						
	August	July	June	May	April	March	February
Alabama	42,608	47,915	39,978	30,789	21,675	31,862	30,570
Alaska	2,509	2,815	1,789	1,307	1,674	2,061	2,032
Arizona	44,960	44,493	35,384	32,569	25,210	21,144	25,483
Arkansas	16,114	17,024	13,147	8,563	7,287	10,707	9,322
California	82,773	61,287	41,730	28,872	29,838	43,329	38,341
Colorado	16,674	15,473	13,161	9,468	11,161	12,986	12,092
Connecticut	15,626	18,375	14,240	10,472	11,464	11,533	12,264
Delaware	4,878	5,444	3,533	1,802	2,024	1,066	1,280
District of Columbia	--	--	--	--	--	--	--
Florida	138,598	139,507	128,764	109,923	107,239	110,061	96,213
Georgia	44,768	46,606	41,274	36,149	27,529	29,001	34,691
Hawaii	--	--	--	--	--	--	--
Idaho	3,457	3,614	1,758	1,209	1,416	2,681	3,041
Illinois	22,998	36,854	21,958	11,018	11,458	14,705	14,087
Indiana	21,309	25,666	21,507	16,871	15,832	18,717	18,777
Iowa	3,944	7,561	4,660	3,621	2,052	1,832	4,259
Kansas	3,280	4,063	2,456	1,101	1,571	2,581	1,477
Kentucky	10,878	15,746	10,873	9,025	6,846	4,664	7,541
Louisiana	37,360	42,617	33,586	30,137	27,484	29,386	26,485
Maine	1,177	1,981	1,528	881	518	W	436
Maryland	9,413	12,314	8,243	5,578	7,311	8,886	8,866
Massachusetts	13,521	17,579	8,414	3,478	4,393	4,382	8,694
Michigan	26,972	35,963	24,892	19,680	18,724	22,089	25,044
Minnesota	8,088	11,477	7,476	4,889	5,128	5,799	6,294
Mississippi	40,200	40,356	35,682	33,743	27,772	26,783	31,772
Missouri	8,861	11,643	6,992	3,774	3,844	5,292	4,861
Montana	W	514	W	279	278	370	299
Nebraska	1,745	2,722	1,552	683	484	857	744
Nevada	24,070	21,767	17,600	14,768	13,468	15,115	14,019
New Hampshire	3,160	4,506	2,871	1,149	1,741	1,289	1,460
New Jersey	27,623	32,990	21,565	12,794	14,960	16,648	16,514
New Mexico	12,200	11,569	7,919	7,456	7,420	8,356	7,772
New York	52,395	62,408	39,190	23,513	21,105	28,948	29,390
North Carolina	30,565	33,686	25,637	21,539	15,106	26,173	29,070
North Dakota	1,688	1,869	1,339	948	1,338	1,463	1,376
Ohio	36,292	40,711	30,067	26,999	27,338	32,902	31,268
Oklahoma	38,950	46,047	32,673	27,518	20,722	26,140	27,841
Oregon	13,093	10,163	4,173	3,024	11,033	14,268	11,342
Pennsylvania	91,745	96,912	72,509	52,711	48,353	62,418	63,940
Rhode Island	6,456	6,174	5,672	3,852	3,659	3,863	4,089
South Carolina	18,818	21,115	15,135	15,967	15,041	14,931	14,498
South Dakota	1,219	1,739	W	W	W	749	713
Tennessee	10,050	14,261	9,763	6,615	5,923	8,186	10,265
Texas	204,725	211,294	169,432	142,927	116,928	126,696	127,574
Utah	8,474	7,360	5,243	3,972	2,893	3,949	5,682
Vermont	2	1	1	2	1	1	2
Virginia	45,323	49,433	38,474	35,823	34,074	37,441	35,832
Washington	10,524	7,825	3,519	3,378	9,089	10,281	7,328
West Virginia	2,538	3,324	2,419	2,093	1,372	1,410	554
Wisconsin	15,272	16,490	14,170	10,343	11,490	14,106	12,952
Wyoming	1,432	846	331	W	235	410	321
Total	1,279,767	1,372,103	1,045,572	833,954	763,925	878,908	878,768

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2019-2021

(million cubic feet) – continued

State	2020						2019
	January	Total	December	November	October	September	August
Alabama	30,050	420,582	27,336	29,169	35,097	43,906	45,729
Alaska	2,448	31,914	2,991	2,610	2,788	3,031	3,731
Arizona	27,239	356,102	31,145	25,191	33,369	36,494	42,432
Arkansas	12,698	155,001	9,301	10,970	15,055	14,469	18,503
California	42,824	578,056	56,766	56,775	57,110	59,584	68,980
Colorado	10,725	130,185	11,114	10,956	8,866	10,384	14,264
Connecticut	13,391	142,297	14,456	11,657	9,597	11,659	14,617
Delaware	1,516	27,550	862	1,459	1,775	2,470	4,427
District of Columbia	--	--	--	--	--	--	--
Florida	96,652	1,323,826	91,248	87,903	123,695	130,300	135,556
Georgia	34,232	413,444	31,691	32,311	36,248	40,793	45,230
Hawaii	--	--	--	--	--	--	--
Idaho	3,536	29,743	3,201	2,771	1,781	2,984	3,957
Illinois	15,938	152,786	11,235	9,284	13,062	14,067	19,497
Indiana	20,728	225,699	20,752	18,482	19,806	20,013	21,641
Iowa	3,744	51,759	4,456	3,478	3,680	5,182	7,476
Kansas	1,308	29,895	1,256	1,304	3,435	3,551	4,675
Kentucky	9,107	109,097	8,399	9,542	11,838	10,585	10,025
Louisiana	25,126	356,088	20,856	20,280	29,808	35,250	40,432
Maine	625	9,249	585	482	748	937	1,068
Maryland	6,242	98,990	6,135	6,145	8,214	8,057	10,352
Massachusetts	10,919	118,394	11,203	7,875	8,564	8,824	12,255
Michigan	28,503	280,764	23,915	22,263	25,948	23,480	31,962
Minnesota	8,672	75,692	5,864	4,377	6,626	7,086	10,152
Mississippi	30,823	367,497	27,926	27,400	30,340	37,653	42,294
Missouri	6,148	64,173	4,089	2,516	5,770	6,572	8,273
Montana	367	5,659	460	453	507	533	749
Nebraska	996	11,384	623	459	1,001	1,331	2,426
Nevada	15,683	193,078	16,193	14,705	14,874	18,258	23,505
New Hampshire	2,004	25,460	1,950	1,656	3,430	2,267	3,855
New Jersey	18,717	299,524	24,475	24,286	24,537	25,871	31,321
New Mexico	8,419	104,225	8,890	7,179	8,620	9,834	12,669
New York	32,130	398,926	32,383	30,278	29,067	33,727	47,323
North Carolina	28,760	307,876	23,234	23,340	25,814	28,528	30,711
North Dakota	1,562	13,130	1,199	1,016	1,215	1,323	1,687
Ohio	34,603	361,931	31,353	24,750	27,644	31,122	35,934
Oklahoma	29,686	338,401	28,090	21,504	25,804	34,743	45,834
Oregon	14,283	145,920	15,141	13,289	13,329	14,317	15,484
Pennsylvania	69,675	675,004	60,485	50,902	60,014	62,382	72,582
Rhode Island	4,481	56,026	4,193	4,245	4,857	4,917	6,465
South Carolina	14,764	186,297	14,314	13,257	14,971	18,421	20,454
South Dakota	900	10,589	798	634	1,057	1,234	1,823
Tennessee	10,122	118,464	9,357	10,264	7,118	11,872	12,447
Texas	129,982	1,750,596	128,744	119,209	143,993	185,513	217,812
Utah	5,867	67,774	5,974	5,390	4,569	5,215	7,458
Vermont	1	12	1	--	2	--	*
Virginia	39,538	410,865	36,301	26,607	27,302	38,295	46,004
Washington	9,703	102,792	11,251	8,110	9,028	11,637	13,907
West Virginia	592	15,154	222	873	3,651	2,386	2,276
Wisconsin	14,891	156,400	13,843	11,583	14,028	13,491	17,570
Wyoming	402	3,159	321	277	221	238	475
Total	931,322	11,307,426	896,577	819,468	959,873	1,094,787	1,288,300

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2019-2021

(million cubic feet) – continued

State	2019						
	July	June	May	April	March	February	January
Alabama	45,184	39,758	37,141	27,452	34,499	27,454	27,856
Alaska	3,666	2,299	1,483	2,055	2,365	2,253	2,641
Arizona	40,838	33,041	23,524	25,774	22,993	19,527	21,773
Arkansas	17,649	15,221	11,724	9,874	10,143	12,558	9,533
California	57,417	34,050	24,066	27,541	39,440	47,018	49,309
Colorado	15,123	10,129	9,582	8,839	9,977	10,849	10,102
Connecticut	16,258	11,534	10,411	10,868	10,081	9,878	11,279
Delaware	5,473	2,502	1,969	1,820	2,298	1,317	1,178
District of Columbia	--	--	--	--	--	--	--
Florida	132,013	126,815	124,366	101,353	95,064	85,791	89,722
Georgia	42,770	37,199	33,992	29,580	24,867	28,348	30,417
Hawaii	--	--	--	--	--	--	--
Idaho	3,826	2,325	824	1,209	1,472	2,534	2,858
Illinois	26,151	13,274	8,285	10,835	9,265	8,226	9,604
Indiana	23,338	18,506	15,319	14,395	17,467	17,270	18,710
Iowa	7,403	4,284	2,796	2,655	3,499	3,295	3,555
Kansas	4,083	3,182	3,215	1,533	1,117	1,234	1,311
Kentucky	11,824	8,187	7,788	6,338	9,041	6,075	9,455
Louisiana	41,062	37,958	31,477	29,309	22,645	21,437	25,573
Maine	1,381	757	585	W	750	794	897
Maryland	11,838	8,122	7,818	6,785	10,280	7,994	7,250
Massachusetts	16,096	8,469	6,342	7,336	9,796	10,082	11,550
Michigan	31,934	20,548	19,149	20,857	19,996	18,757	21,955
Minnesota	10,076	6,002	4,059	5,358	5,443	6,240	4,408
Mississippi	41,123	29,953	30,927	25,132	24,399	24,432	25,918
Missouri	9,009	6,146	5,363	4,273	4,640	3,530	3,993
Montana	627	326	254	248	349	652	501
Nebraska	2,311	846	585	W	576	399	414
Nevada	21,718	18,006	12,718	12,314	13,366	12,971	14,451
New Hampshire	4,249	2,499	272	1,876	1,552	607	1,248
New Jersey	34,298	25,443	20,995	23,279	20,943	21,583	22,493
New Mexico	11,168	8,630	7,764	7,490	7,020	7,254	7,707
New York	56,213	33,357	24,173	24,743	27,326	29,106	31,229
North Carolina	31,074	25,250	23,035	20,330	25,073	26,451	25,036
North Dakota	1,668	1,028	642	870	819	750	913
Ohio	37,477	31,306	25,848	27,356	30,521	29,419	29,201
Oklahoma	41,677	32,696	20,562	20,239	20,462	21,723	25,067
Oregon	15,044	8,796	3,129	8,329	13,046	12,257	13,759
Pennsylvania	75,601	57,750	48,335	35,429	49,870	49,241	52,413
Rhode Island	6,526	5,028	4,872	3,757	4,311	3,311	3,543
South Carolina	20,764	17,798	16,301	12,971	11,690	12,736	12,619
South Dakota	1,786	830	W	W	489	473	594
Tennessee	12,548	10,967	10,524	4,712	10,396	8,881	9,378
Texas	194,954	166,980	144,980	103,176	112,132	105,531	127,571
Utah	7,544	5,633	5,088	3,736	6,281	5,424	5,462
Vermont	2	3	--	1	2	1	1
Virginia	47,309	39,089	25,468	24,181	31,564	34,104	34,642
Washington	12,929	6,520	3,034	5,346	6,537	5,315	9,177
West Virginia	2,045	1,241	731	678	419	223	411
Wisconsin	17,672	12,768	9,177	12,114	11,647	10,768	11,738
Wyoming	486	200	206	140	209	265	120
Total	1,273,225	993,253	831,234	735,698	798,136	776,339	840,537

^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.

Notes: Geographic coverage is the 50 states and the District of Columbia. See Appendix A, Explanatory Note 6, for discussion of computations and revision policy.

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

Table 18. Natural gas deliveries to all consumers, by state, 2019-2021

(million cubic feet)

State	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	323,511	318,558	339,716	56,759	49,959	46,508	50,124
Alaska	NA	NA	39,500	4,598	4,479	NA	8,032
Arizona	221,280	223,416	204,364	41,951	38,076	35,205	34,349
Arkansas	NA	164,512	174,723	27,253	NA	27,446	32,086
California	NA	NA	1,013,690	157,947	142,644	NA	180,131
Colorado	225,503	222,840	231,741	22,198	26,389	34,444	40,758
Connecticut	152,206	147,204	141,117	20,825	18,712	20,135	28,249
Delaware	42,701	NA	44,026	6,592	5,656	5,693	6,418
District of Columbia	NA	14,961	16,644	949	1,266	NA	3,120
Florida	NA	NA	729,199	136,982	NA	115,619	111,665
Georgia	378,823	376,228	363,710	57,790	53,689	56,925	57,331
Hawaii	NA	1,297	1,659	244	NA	246	220
Idaho	62,061	59,287	58,189	6,877	6,811	7,961	11,858
Illinois	587,229	594,531	622,519	51,867	57,364	74,316	103,674
Indiana	427,195	429,538	464,451	51,499	54,259	59,974	72,158
Iowa	194,641	210,949	226,799	24,289	22,972	27,782	32,478
Kansas	NA	136,123	142,786	NA	15,064	NA	23,481
Kentucky	NA	153,669	162,381	21,716	NA	21,592	27,860
Louisiana	721,253	NA	787,367	122,855	115,586	114,630	117,260
Maine	NA	23,775	22,812	NA	3,481	3,637	4,436
Maryland	143,084	139,164	152,209	13,411	16,171	21,567	26,096
Massachusetts	214,165	196,110	236,971	21,015	18,548	26,503	40,251
Michigan	490,004	507,832	533,962	44,543	49,452	66,495	82,844
Minnesota	257,076	NA	276,175	26,421	26,626	36,566	47,183
Mississippi	NA	NA	250,793	48,179	43,556	42,264	37,115
Missouri	162,030	160,384	171,773	16,228	14,648	18,384	23,839
Montana	41,440	42,038	45,386	3,592	4,922	6,234	7,316
Nebraska	NA	NA	92,919	11,567	NA	12,664	NA
Nevada	NA	NA	144,247	NA	19,388	20,736	25,095
New Hampshire	27,803	25,275	25,084	4,607	3,597	3,630	3,850
New Jersey	NA	NA	404,690	39,703	NA	NA	NA
New Mexico	91,087	NA	95,390	12,932	12,223	11,524	16,453
New York	690,396	652,146	705,128	79,667	75,864	87,056	125,979
North Carolina	281,077	NA	280,026	41,127	36,515	35,093	46,977
North Dakota	44,838	44,928	41,579	5,239	5,459	6,791	8,704
Ohio	614,924	600,096	622,249	61,532	73,111	81,980	110,485
Oklahoma	290,515	336,845	320,552	45,331	40,454	39,524	45,073
Oregon	133,725	129,172	133,589	16,016	14,086	21,706	27,087
Pennsylvania	NA	706,222	663,978	NA	NA	100,187	129,788
Rhode Island	45,440	47,998	49,431	6,456	5,271	5,134	8,848
South Carolina	160,272	165,918	162,858	25,249	24,563	25,517	24,163
South Dakota	NA	41,901	44,751	5,977	5,855	NA	7,877
Tennessee	205,457	NA	204,502	26,700	23,728	25,341	31,864
Texas	NA	NA	1,920,134	352,102	308,824	NA	287,004
Utah	120,792	NA	126,482	14,937	13,756	17,337	21,692
Vermont	7,556	7,273	8,046	609	778	1,034	1,513
Virginia	NA	NA	334,151	NA	NA	48,423	NA
Washington	NA	NA	159,689	19,233	NA	26,330	35,109
West Virginia	57,528	NA	50,956	6,417	7,585	8,561	9,936
Wisconsin	291,091	293,780	309,783	29,865	30,552	40,052	51,436
Wyoming	NA	NA	48,430	6,377	6,950	NA	NA
Total	14,115,979	14,102,430	14,403,304	1,997,408	1,878,590	2,024,358	2,373,188

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2019-2021

(million cubic feet) – continued

State	2021			2020			
	February	January	Total	December	November	October	September
Alabama	55,649	64,512	659,717	60,009	47,563	51,695	54,471
Alaska	8,017	7,799	NA	8,057	7,220	6,573	5,094
Arizona	28,885	42,814	486,515	42,138	35,936	42,067	43,813
Arkansas	30,194	32,576	324,404	33,843	24,528	25,037	20,673
California	166,360	198,199	NA	211,375	179,021	172,144	168,550
Colorado	49,614	52,101	423,422	52,180	40,026	33,182	24,306
Connecticut	30,711	33,574	NA	30,643	NA	NA	18,455
Delaware	9,099	9,243	NA	NA	6,921	5,866	6,207
District of Columbia	4,249	4,285	NA	4,345	2,263	1,173	NA
Florida	105,453	111,650	NA	109,859	114,773	NA	NA
Georgia	70,153	82,936	754,208	80,495	61,713	53,760	53,153
Hawaii	200	211	2,412	216	177	182	169
Idaho	13,597	14,957	118,925	15,418	12,457	8,894	7,872
Illinois	152,384	147,623	NA	133,818	87,977	73,023	NA
Indiana	92,995	96,310	815,432	92,345	67,063	61,851	52,823
Iowa	43,749	43,370	NA	43,205	NA	32,147	26,187
Kansas	35,269	32,083	258,434	28,744	21,211	22,138	14,311
Kentucky	37,145	38,389	300,241	36,065	24,781	22,787	16,110
Louisiana	117,610	133,312	NA	140,416	128,494	NA	NA
Maine	5,681	5,432	NA	4,706	3,196	NA	NA
Maryland	32,470	33,370	NA	NA	21,207	18,173	14,336
Massachusetts	52,624	55,223	NA	47,574	NA	NA	17,823
Michigan	126,771	119,899	NA	110,112	NA	69,427	47,494
Minnesota	60,066	60,214	NA	54,943	41,997	34,821	NA
Mississippi	NA	NA	NA	48,645	41,045	42,072	44,007
Missouri	45,239	43,693	293,994	38,628	24,588	17,945	15,367
Montana	9,977	9,399	NA	9,062	7,487	NA	3,733
Nebraska	22,523	20,750	NA	20,155	15,208	14,125	11,967
Nevada	24,918	29,453	NA	28,288	NA	23,288	25,610
New Hampshire	6,031	6,088	50,772	4,381	3,518	3,727	4,188
New Jersey	83,215	87,294	NA	79,690	54,097	39,387	34,123
New Mexico	17,527	20,428	NA	20,325	15,123	14,056	14,086
New York	156,764	165,066	1,223,045	152,387	104,189	70,882	69,616
North Carolina	53,387	67,978	NA	63,052	41,996	37,762	37,259
North Dakota	9,066	9,580	NA	9,316	NA	5,883	5,254
Ohio	142,643	145,174	1,091,517	135,172	92,574	66,123	59,839
Oklahoma	57,743	62,389	NA	61,380	43,524	45,469	49,219
Oregon	27,193	27,637	260,509	29,279	24,905	21,983	19,600
Pennsylvania	154,542	166,929	1,403,784	153,509	101,961	102,540	103,247
Rhode Island	9,264	10,466	93,189	9,839	7,919	5,180	7,014
South Carolina	28,083	32,696	329,091	31,881	24,703	23,672	25,169
South Dakota	9,726	8,928	80,201	8,614	7,004	5,849	5,689
Tennessee	46,694	51,131	NA	46,969	30,272	25,015	24,359
Texas	317,417	359,698	NA	355,407	305,656	NA	334,017
Utah	24,328	28,742	NA	31,666	16,887	12,768	13,621
Vermont	1,743	1,879	12,639	1,600	1,160	778	601
Virginia	59,120	70,766	NA	68,203	43,595	49,689	NA
Washington	35,250	NA	NA	36,675	29,771	27,250	21,890
West Virginia	11,947	13,081	NA	11,574	8,966	8,374	5,433
Wisconsin	69,583	69,603	532,340	61,711	43,458	43,768	28,160
Wyoming	9,968	NA	NA	10,418	8,923	7,518	NA
Total	2,811,957	3,030,479	27,727,489	2,906,089	2,215,057	2,101,137	1,960,892

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2019-2021

(million cubic feet) – continued

State	2020						
	August	July	June	May	April	March	February
Alabama	61,608	65,812	57,178	49,012	41,055	54,084	58,085
Alaska	4,931	4,994	NA	NA	NA	8,006	8,461
Arizona	49,580	49,565	40,426	37,915	32,433	31,312	38,627
Arkansas	27,416	28,394	24,001	21,734	21,820	30,465	30,203
California	181,929	159,573	136,101	126,409	NA	183,374	172,560
Colorado	26,223	24,665	23,743	23,126	35,183	39,485	50,501
Connecticut	20,760	23,714	19,471	17,653	22,659	25,202	30,009
Delaware	8,550	9,026	7,069	6,071	NA	NA	NA
District of Columbia	886	956	961	1,305	2,033	2,678	3,758
Florida	154,237	154,595	NA	NA	123,697	NA	114,871
Georgia	63,932	64,927	59,178	56,568	50,382	56,337	75,293
Hawaii	181	188	174	160	180	251	252
Idaho	7,357	7,641	6,092	5,837	7,604	11,342	13,661
Illinois	54,918	69,411	55,621	60,474	81,501	110,125	139,983
Indiana	54,468	57,344	52,114	54,075	58,934	76,505	90,053
Iowa	25,058	NA	24,161	26,803	29,614	36,858	45,021
Kansas	17,213	18,695	16,413	15,145	19,771	23,452	29,011
Kentucky	21,469	25,361	20,668	20,411	20,970	23,130	33,101
Louisiana	134,786	NA	131,840	127,024	121,581	129,326	128,433
Maine	3,181	3,921	3,661	3,494	3,471	3,843	4,421
Maryland	NA	18,938	14,940	14,688	19,644	25,644	31,313
Massachusetts	NA	27,011	17,203	17,470	29,254	34,251	46,228
Michigan	48,352	55,577	44,803	52,391	71,140	94,528	120,210
Minnesota	23,428	25,737	NA	24,401	NA	47,038	NA
Mississippi	51,515	52,399	47,215	45,380	NA	42,055	50,088
Missouri	17,384	19,698	15,496	14,570	18,726	27,591	39,717
Montana	3,597	3,857	4,245	5,130	6,077	7,958	8,864
Nebraska	12,055	13,289	10,773	9,816	NA	17,168	19,100
Nevada	28,740	26,811	22,663	20,078	20,654	NA	26,405
New Hampshire	4,179	5,505	3,900	2,566	3,925	4,106	4,997
New Jersey	41,983	50,543	40,625	35,465	50,969	59,820	70,063
New Mexico	15,784	15,070	11,274	10,947	12,713	17,760	NA
New York	81,545	92,279	70,310	71,595	92,713	119,072	142,658
North Carolina	42,867	NA	NA	35,395	30,633	46,884	57,512
North Dakota	5,639	5,531	5,108	4,763	6,871	8,464	9,221
Ohio	67,002	70,711	60,448	70,225	87,582	110,594	134,037
Oklahoma	59,493	NA	52,845	49,746	46,365	55,273	64,312
Oregon	19,232	16,337	10,909	10,807	20,853	29,077	26,772
Pennsylvania	115,790	120,516	98,772	87,937	96,574	123,519	143,269
Rhode Island	7,766	7,473	7,006	5,900	7,272	8,103	9,415
South Carolina	27,795	29,954	23,869	25,587	24,907	27,914	30,850
South Dakota	5,528	5,615	4,564	4,307	6,100	7,636	9,026
Tennessee	25,053	28,457	24,273	NA	24,685	NA	44,867
Texas	376,946	383,592	NA	310,386	287,477	322,496	340,114
Utah	NA	13,844	12,958	12,017	NA	18,590	26,766
Vermont	633	595	587	748	1,075	1,377	1,660
Virginia	NA	62,813	51,489	NA	50,304	NA	NA
Washington	20,777	17,874	14,399	15,806	25,409	NA	NA
West Virginia	6,762	7,150	6,664	6,841	NA	9,215	10,920
Wisconsin	30,369	31,093	28,511	31,595	42,501	55,549	65,825
Wyoming	6,433	6,215	5,386	5,868	8,053	NA	9,254
Total	2,177,841	2,264,043	1,925,035	1,859,926	2,025,135	2,466,131	2,791,080

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2019-2021

(million cubic feet) – continued

State	2020						2019
	January	Total	December	November	October	September	August
Alabama	59,144	693,175	54,470	52,645	54,962	62,098	64,663
Alaska	10,194	80,374	9,041	7,765	6,824	5,839	5,718
Arizona	42,703	453,068	43,211	33,101	39,139	40,994	46,828
Arkansas	36,289	349,156	30,603	30,255	28,219	25,702	29,566
California	212,357	2,093,641	211,218	193,167	172,788	164,347	176,491
Colorado	50,801	426,653	51,854	44,370	31,201	20,731	24,229
Connecticut	32,210	276,890	33,791	26,721	16,961	16,969	19,833
Delaware	9,744	88,649	8,310	7,975	5,824	5,961	7,818
District of Columbia	4,225	28,645	4,607	3,309	972	1,026	1,155
Florida	NA	1,528,405	111,302	105,079	139,765	145,328	151,124
Georgia	78,470	748,044	71,622	67,658	57,540	58,615	63,627
Hawaii	280	3,277	268	243	269	265	282
Idaho	14,751	120,174	14,572	12,967	10,748	7,945	7,992
Illinois	146,827	1,105,548	130,382	120,855	70,933	46,805	53,854
Indiana	97,857	883,160	93,330	85,005	65,487	55,689	59,223
Iowa	48,492	431,050	45,046	41,866	32,335	26,417	30,353
Kansas	32,332	271,173	29,253	25,191	19,460	16,716	19,015
Kentucky	35,390	316,999	32,625	32,284	25,246	20,874	21,291
Louisiana	NA	1,570,593	131,257	122,266	126,450	129,928	137,194
Maine	4,885	43,326	4,590	3,964	3,252	2,845	2,792
Maryland	32,934	275,864	31,762	26,802	15,629	14,397	16,458
Massachusetts	51,703	423,918	54,841	41,802	23,789	19,516	21,878
Michigan	124,760	968,460	111,425	102,091	68,212	45,643	53,772
Minnesota	NA	496,642	59,721	47,993	33,923	24,360	26,942
Mississippi	50,357	541,981	45,851	43,960	42,746	49,874	54,963
Missouri	44,284	308,549	36,509	30,237	21,342	14,849	16,538
Montana	9,764	81,070	9,493	8,667	5,831	3,986	3,674
Nebraska	23,190	178,246	18,780	20,539	12,728	9,845	11,838
Nevada	30,226	298,178	29,864	23,798	21,648	23,336	28,415
New Hampshire	5,780	53,464	5,845	3,938	4,855	3,447	4,960
New Jersey	NA	759,439	91,784	74,848	47,568	42,187	47,499
New Mexico	21,179	194,853	22,701	17,486	15,012	13,396	16,331
New York	155,798	1,286,596	154,470	126,703	69,838	64,810	78,246
North Carolina	61,733	553,808	54,298	51,730	40,549	40,829	43,408
North Dakota	10,501	77,802	8,874	7,014	4,865	4,783	5,377
Ohio	137,209	1,128,131	128,444	108,155	71,182	62,503	66,989
Oklahoma	68,304	667,809	64,806	53,494	48,640	54,069	65,341
Oregon	30,754	283,285	31,740	27,733	25,647	21,552	21,856
Pennsylvania	156,152	1,323,927	148,828	115,746	97,947	93,160	103,859
Rhode Island	10,303	97,248	10,071	8,853	7,041	6,306	7,762
South Carolina	32,792	335,120	30,866	28,586	25,337	27,365	29,804
South Dakota	10,269	84,818	9,374	7,779	5,653	5,242	5,972
Tennessee	45,428	391,301	41,744	40,589	24,199	26,239	26,910
Texas	357,210	3,977,685	349,525	315,077	308,637	341,073	382,909
Utah	29,015	232,719	30,476	22,351	14,197	11,785	13,191
Vermont	1,826	13,863	1,774	1,437	781	622	607
Virginia	72,599	665,412	67,601	51,329	41,506	51,305	59,267
Washington	37,945	332,431	39,379	32,785	30,061	23,465	23,910
West Virginia	NA	99,180	10,160	9,835	9,241	6,366	6,441
Wisconsin	69,799	572,662	65,475	58,964	42,348	29,526	33,459
Wyoming	9,963	91,981	10,432	9,208	6,907	5,333	5,702
Total	3,035,123	28,308,442	2,888,266	2,536,215	2,096,233	1,996,263	2,207,326

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2019-2021

(million cubic feet) – continued

State	2019						
	July	June	May	April	March	February	January
Alabama	64,620	59,750	57,880	48,361	60,634	51,449	61,642
Alaska	5,687	4,410	4,433	5,831	7,379	8,148	9,298
Arizona	45,431	38,104	29,707	32,756	33,902	32,996	36,899
Arkansas	30,088	26,953	25,256	24,419	31,780	32,680	33,634
California	161,939	133,348	139,686	137,278	180,449	211,208	211,720
Colorado	22,526	22,303	28,344	30,431	47,134	49,943	53,586
Connecticut	21,498	16,806	17,394	20,486	26,363	27,612	32,454
Delaware	8,734	5,949	5,746	5,847	8,722	8,143	9,619
District of Columbia	932	1,011	1,277	1,781	3,625	4,354	4,595
Florida	146,609	142,269	141,416	119,020	112,980	103,430	110,083
Georgia	65,272	55,725	53,829	52,480	59,674	62,289	79,712
Hawaii	290	253	279	279	278	268	302
Idaho	7,762	6,473	5,665	7,269	10,602	13,476	14,704
Illinois	60,200	49,424	59,839	80,088	126,911	140,118	166,138
Indiana	59,976	54,195	57,901	64,310	90,921	90,289	106,835
Iowa	28,234	26,880	29,045	30,831	43,020	46,382	50,640
Kansas	18,752	16,256	16,442	15,723	26,462	32,901	35,002
Kentucky	22,297	18,802	19,641	20,635	33,413	29,665	40,226
Louisiana	136,132	134,130	134,290	129,810	127,344	122,886	138,907
Maine	3,070	2,552	2,915	3,082	4,393	4,653	5,217
Maryland	18,606	14,564	15,934	16,751	33,182	33,414	38,363
Massachusetts	25,120	18,396	22,694	30,555	49,056	53,142	63,127
Michigan	53,356	44,566	55,309	74,055	109,832	114,243	135,956
Minnesota	27,528	24,095	28,198	38,953	54,071	64,770	66,088
Mississippi	53,794	41,367	43,749	39,274	41,298	39,830	45,275
Missouri	17,301	14,737	16,153	18,627	34,932	40,689	46,635
Montana	4,034	4,156	4,805	5,641	9,111	11,848	9,825
Nebraska	11,597	9,645	11,371	11,444	17,853	21,268	21,338
Nevada	26,870	23,469	19,008	19,677	25,328	27,406	29,359
New Hampshire	5,337	3,688	1,942	4,134	5,030	4,487	5,803
New Jersey	50,862	42,340	42,941	53,223	80,841	87,978	97,366
New Mexico	14,537	12,353	12,635	13,370	16,042	18,952	22,040
New York	87,400	65,604	69,607	89,448	145,710	153,419	181,340
North Carolina	42,967	38,283	36,315	36,638	53,007	53,523	62,261
North Dakota	5,310	4,885	5,101	5,954	7,780	8,756	9,104
Ohio	68,610	59,238	66,061	83,435	128,659	131,899	152,958
Oklahoma	60,908	53,333	43,136	44,283	55,123	57,924	66,752
Oregon	21,168	15,371	10,766	18,794	27,936	29,973	30,749
Pennsylvania	100,410	83,610	79,832	77,949	129,639	134,488	158,460
Rhode Island	7,785	6,445	7,002	6,821	9,627	9,070	10,466
South Carolina	30,304	26,988	25,834	24,077	26,724	27,618	31,616
South Dakota	6,046	5,277	5,280	6,349	8,362	9,817	9,666
Tennessee	27,118	26,187	25,828	23,268	40,569	38,873	49,777
Texas	360,330	328,708	310,217	280,575	322,073	314,288	364,272
Utah	14,238	12,486	16,471	14,028	24,519	28,045	30,933
Vermont	597	631	733	1,078	1,628	1,820	2,154
Virginia	60,253	52,069	39,305	41,295	59,871	67,385	74,226
Washington	23,142	17,258	15,556	22,215	30,811	36,289	37,560
West Virginia	6,181	5,213	5,681	6,577	10,964	9,921	12,599
Wisconsin	33,107	29,378	32,882	44,453	60,837	66,712	75,520
Wyoming	5,970	5,818	6,665	6,607	8,939	9,802	10,597
Total	2,180,835	1,905,754	1,907,998	1,990,267	2,665,341	2,780,541	3,153,403

^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.

^R Revised data.

^{NA} Not available.

Notes: Geographic coverage is the 50 states and the District of Columbia. See Appendix A, Explanatory Note 6, for discussion of computations and revision policy.

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

Table 19. Average citygate price, by state, 2019-2021
(dollars per thousand cubic feet)

State	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	3.28	2.86	3.70	3.73	3.60	3.13	3.29
Alaska	7.78	8.31	8.19	8.42	8.19	8.00	7.73
Arizona	8.24	2.25	2.69	3.76	3.26	3.27	3.66
Arkansas	NA	NA	4.39	NA	NA	4.10	NA
California	NA	2.70	3.14	4.25	3.92	3.65	NA
Colorado	7.70	2.54	3.60	4.37	3.87	3.50	4.11
Connecticut	4.71	4.48	5.28	9.05	7.17	5.29	3.89
Delaware	5.03	NA	5.36	11.14	8.38	6.06	4.75
District of Columbia	--	--	--	--	--	--	--
Florida	NA	NA	7.17	6.56	NA	6.34	NA
Georgia	3.70	3.04	4.02	4.19	4.01	3.35	3.68
Hawaii	19.56	NA	18.15	22.89	21.74	20.72	19.40
Idaho	2.53	2.29	2.68	2.59	2.64	2.35	2.39
Illinois	NA	NA	3.43	NA	4.01	NA	4.20
Indiana	4.39	2.83	3.64	4.31	3.77	3.26	3.65
Iowa	NA	3.27	3.68	NA	4.88	4.68	5.06
Kansas	14.20	3.01	3.83	6.75	6.17	4.20	5.00
Kentucky	NA	2.70	3.56	3.54	NA	3.33	3.55
Louisiana	NA	NA	3.95	NA	3.27	3.56	NA
Maine	NA	NA	7.23	NA	6.49	5.87	5.55
Maryland	NA	3.87	4.86	NA	6.55	5.03	4.46
Massachusetts	NA	4.75	5.23	NA	8.59	5.66	4.89
Michigan	2.99	2.78	3.35	3.25	3.25	2.95	3.33
Minnesota	9.83	NA	4.06	5.49	3.81	3.85	4.09
Mississippi	4.01	3.21	3.99	4.55	4.27	3.99	4.58
Missouri	7.88	3.22	4.15	8.04	6.26	4.71	3.43
Montana	4.45	2.86	2.93	4.59	4.00	3.67	3.74
Nebraska	NA	NA	3.93	4.30	NA	3.65	3.75
Nevada	5.77	NA	4.50	4.48	3.97	4.00	3.60
New Hampshire	NA	NA	6.22	NA	6.24	4.65	4.58
New Jersey	4.40	NA	4.94	4.39	4.02	4.12	4.73
New Mexico	NA	NA	2.71	3.78	3.33	3.03	NA
New York	3.82	3.33	4.15	7.82	5.19	3.65	3.39
North Carolina	3.62	3.05	3.93	5.93	4.86	3.92	3.56
North Dakota	6.86	3.05	3.74	5.13	3.92	3.60	4.39
Ohio	NA	NA	3.74	4.61	4.15	2.91	3.78
Oklahoma	25.34	3.09	3.86	4.95	4.93	3.78	4.00
Oregon	4.02	3.19	3.60	4.93	4.16	3.56	3.33
Pennsylvania	4.18	NA	4.60	4.92	3.91	3.79	4.47
Rhode Island	2.07	2.94	2.58	2.11	2.09	2.06	2.24
South Carolina	4.29	3.11	4.11	4.63	4.34	4.24	4.32
South Dakota	8.26	3.07	3.75	5.38	3.78	3.52	4.35
Tennessee	3.93	NA	3.74	3.93	3.65	3.34	3.59
Texas	NA	NA	3.27	3.55	3.56	NA	NA
Utah	5.64	5.36	4.86	3.10	3.88	4.78	6.70
Vermont	3.91	3.22	4.18	3.97	3.98	3.80	4.00
Virginia	NA	NA	4.57	NA	5.81	4.15	4.18
Washington	NA	3.49	4.76	5.84	NA	4.08	3.85
West Virginia	3.40	3.14	3.79	5.82	4.76	3.54	3.65
Wisconsin	4.95	3.18	4.05	5.80	4.85	3.89	4.23
Wyoming	NA	NA	3.65	NA	3.46	NA	4.34
Total	6.23	3.23	3.95	4.80	4.34	3.82	4.09

See footnotes at end of table.

Table 19. Average citygate price, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2021			2020			
	February	January	Total	December	November	October	September
Alabama	3.40	2.92	3.00	3.06	3.45	3.11	3.65
Alaska	7.71	7.43	8.24	7.82	7.83	7.85	8.08
Arizona	27.38	3.49	2.56	3.39	3.48	2.17	2.28
Arkansas	21.50	3.06	NA	3.47	3.85	4.18	5.07
California	NA	NA	3.02	4.03	3.79	3.08	3.41
Colorado	18.69	3.06	2.81	2.97	3.44	2.89	3.50
Connecticut	5.07	3.14	NA	4.02	NA	NA	8.70
Delaware	4.52	3.77	NA	3.66	4.85	6.87	9.58
District of Columbia	--	--	--	--	--	--	--
Florida	7.92	NA	NA	5.98	8.34	NA	NA
Georgia	4.05	3.29	3.25	3.53	4.02	3.51	3.68
Hawaii	17.06	14.80	NA	12.70	11.57	11.23	11.08
Idaho	2.88	2.33	2.37	2.43	2.50	2.43	2.60
Illinois	15.08	3.17	NA	2.92	3.46	3.01	NA
Indiana	7.00	3.13	2.99	3.10	3.17	3.12	3.53
Iowa	18.89	3.64	3.38	3.75	3.81	3.23	3.65
Kansas	30.80	3.11	NA	3.25	3.93	NA	NA
Kentucky	3.64	2.94	2.81	2.97	3.33	2.85	3.05
Louisiana	4.18	2.98	NA	3.34	3.54	2.85	2.15
Maine	5.56	NA	NA	5.59	NA	NA	6.47
Maryland	3.94	3.47	NA	NA	4.35	4.80	6.45
Massachusetts	5.16	4.63	NA	4.67	NA	6.34	10.00
Michigan	2.86	2.84	NA	2.85	3.05	2.55	2.76
Minnesota	22.48	4.08	NA	4.58	4.41	3.36	4.23
Mississippi	4.19	3.25	3.35	3.53	3.90	3.39	3.81
Missouri	16.17	3.15	NA	3.48	3.97	3.83	NA
Montana	6.29	3.37	2.92	3.22	3.19	2.40	2.56
Nebraska	13.66	3.42	NA	3.45	3.33	3.22	3.89
Nevada	12.64	3.68	NA	3.81	3.88	3.50	3.58
New Hampshire	5.11	4.99	NA	4.68	4.31	4.39	7.76
New Jersey	4.38	4.39	NA	4.07	4.15	4.13	4.68
New Mexico	NA	3.20	NA	3.13	3.18	2.82	2.43
New York	3.99	3.16	3.64	3.14	3.38	4.54	6.93
North Carolina	3.91	2.89	3.27	3.07	3.59	3.62	4.35
North Dakota	13.32	3.74	3.28	3.68	4.09	3.11	3.73
Ohio	NA	3.23	NA	3.28	3.28	2.91	3.45
Oklahoma	62.44	3.31	3.35	3.49	3.77	3.53	4.98
Oregon	5.38	3.25	NA	3.31	3.34	NA	4.86
Pennsylvania	4.37	3.95	NA	3.84	4.48	3.09	3.28
Rhode Island	2.02	1.98	2.59	1.96	1.96	1.97	2.01
South Carolina	4.86	3.63	3.26	3.70	4.02	3.54	3.25
South Dakota	17.65	3.65	3.33	3.62	4.10	3.18	4.08
Tennessee	5.12	3.19	NA	3.22	3.51	3.05	3.34
Texas	38.75	2.99	NA	3.15	3.18	2.58	2.99
Utah	6.18	6.35	NA	NA	6.08	4.89	2.67
Vermont	3.96	3.82	3.33	3.82	3.79	3.26	3.48
Virginia	3.85	3.25	NA	3.14	NA	NA	4.94
Washington	3.04	NA	NA	3.65	3.46	3.49	5.37
West Virginia	3.13	2.75	3.17	2.76	2.98	3.47	4.09
Wisconsin	7.30	3.18	3.36	3.49	4.23	3.08	4.16
Wyoming	17.01	3.69	NA	3.51	NA	NA	2.77
Total	12.43	3.45	3.42	3.55	3.80	3.47	4.10

See footnotes at end of table.

Table 19. Average citygate price, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2020						
	August	July	June	May	April	March	February
Alabama	3.11	2.67	2.89	2.89	2.74	2.68	2.95
Alaska	8.23	12.30	8.54	8.09	8.19	8.33	8.36
Arizona	2.54	2.58	2.46	2.51	1.80	2.31	2.17
Arkansas	5.82	4.49	3.83	2.65	3.68	4.05	NA
California	2.27	2.69	2.65	2.47	2.36	2.43	2.55
Colorado	3.37	3.14	2.88	2.99	2.25	2.57	2.39
Connecticut	8.60	8.36	8.10	6.08	4.19	4.14	3.96
Delaware	11.44	12.52	11.35	7.11	4.82	5.34	NA
District of Columbia	--	--	--	--	--	--	--
Florida	NA	6.83	6.90	NA	NA	NA	5.59
Georgia	3.12	2.88	2.72	3.06	2.98	3.22	2.96
Hawaii	12.00	12.38	11.73	NA	NA	NA	17.21
Idaho	2.55	2.60	2.34	2.39	2.09	2.27	2.35
Illinois	NA	4.09	NA	2.13	3.13	2.58	2.57
Indiana	4.47	3.96	3.89	3.00	2.42	2.86	2.75
Iowa	3.55	2.66	3.05	2.90	3.01	3.63	3.19
Kansas	NA	4.46	4.39	4.04	3.00	3.07	2.65
Kentucky	2.84	2.41	2.70	2.60	2.34	2.95	2.64
Louisiana	NA	2.43	2.44	NA	2.69	2.96	2.80
Maine	6.35	5.62	6.04	4.13	4.47	5.61	NA
Maryland	7.87	7.95	7.10	5.57	3.49	3.78	3.62
Massachusetts	12.13	NA	9.85	6.21	4.57	4.73	4.14
Michigan	2.30	NA	2.15	2.46	2.40	2.94	2.90
Minnesota	NA	3.31	NA	NA	2.53	3.43	NA
Mississippi	3.24	3.05	3.11	2.90	3.12	3.48	3.10
Missouri	5.99	5.65	6.23	4.97	3.79	3.29	2.72
Montana	3.31	2.83	3.19	2.89	2.76	3.49	2.48
Nebraska	3.60	2.56	2.78	2.80	NA	3.34	3.12
Nevada	2.99	3.13	2.78	2.86	2.66	2.49	NA
New Hampshire	8.39	9.23	NA	NA	NA	3.99	4.78
New Jersey	5.28	NA	NA	NA	4.41	4.73	4.45
New Mexico	2.38	2.53	2.30	2.36	1.54	2.66	NA
New York	7.52	7.29	6.80	4.52	2.92	2.98	3.05
North Carolina	4.78	4.76	4.30	3.84	3.33	2.94	2.79
North Dakota	3.49	3.01	3.12	2.92	2.57	2.94	3.22
Ohio	NA	NA	2.53	3.11	2.70	NA	2.95
Oklahoma	4.27	3.99	3.97	3.10	3.01	3.27	2.89
Oregon	5.37	4.95	4.31	3.78	3.13	2.95	3.00
Pennsylvania	2.86	3.28	4.22	NA	3.72	3.78	3.74
Rhode Island	2.04	2.07	2.11	2.14	2.56	5.24	2.56
South Carolina	3.25	2.68	2.83	3.14	2.94	3.24	3.22
South Dakota	4.06	3.99	3.78	2.82	2.57	3.23	3.09
Tennessee	2.86	NA	3.32	NA	2.41	2.92	2.65
Texas	2.90	2.76	2.75	NA	2.69	2.43	2.31
Utah	2.09	2.19	2.34	4.11	5.19	5.70	5.93
Vermont	3.01	2.76	2.91	3.19	2.98	3.29	3.28
Virginia	4.83	4.51	NA	NA	3.64	3.66	3.33
Washington	NA	5.50	4.71	4.29	3.30	3.09	3.27
West Virginia	4.54	4.31	4.11	3.37	2.54	3.48	3.07
Wisconsin	3.68	3.37	3.65	3.14	3.11	3.07	3.10
Wyoming	3.14	3.08	2.99	3.33	NA	3.35	3.45
Total	3.96	3.86	3.85	3.37	3.05	3.23	3.10

See footnotes at end of table.

Table 19. Average citygate price, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2020						2019
	January	Total	December	November	October	September	August
Alabama	2.93	3.56	3.22	3.35	3.58	3.52	3.37
Alaska	8.31	8.27	8.83	8.11	7.62	8.38	8.82
Arizona	2.33	2.62	2.74	2.96	2.35	2.62	2.33
Arkansas	3.56	4.04	3.82	3.17	3.29	3.43	3.57
California	3.32	3.10	3.87	2.94	2.95	2.57	2.53
Colorado	2.67	3.38	2.97	2.91	2.80	4.47	3.87
Connecticut	4.05	5.36	4.26	4.22	5.92	8.05	8.40
Delaware	4.14	5.71	4.13	4.59	8.54	11.94	11.99
District of Columbia	--	--	--	--	--	--	--
Florida	NA	7.22	6.08	7.97	7.95	7.12	8.25
Georgia	3.14	3.78	3.44	3.52	3.57	3.51	3.42
Hawaii	16.63	17.75	16.43	17.98	18.98	17.52	16.47
Idaho	2.28	2.46	2.24	2.46	2.25	1.71	1.61
Illinois	2.68	3.18	2.84	2.91	2.30	2.83	2.78
Indiana	2.91	3.43	2.97	2.97	2.94	3.71	3.90
Iowa	3.44	3.47	3.27	3.38	3.02	3.30	2.91
Kansas	2.79	3.68	2.98	2.96	3.26	5.98	4.93
Kentucky	2.78	3.37	2.97	3.25	3.20	3.10	3.01
Louisiana	2.97	3.59	3.34	3.33	3.16	2.99	3.01
Maine	6.65	6.51	7.06	5.05	3.62	4.32	4.72
Maryland	3.55	4.82	3.56	3.89	6.93	8.60	8.85
Massachusetts	4.14	5.53	4.55	4.86	6.21	10.35	11.44
Michigan	2.89	3.17	2.99	3.04	2.73	2.38	2.10
Minnesota	NA	3.82	3.65	3.56	2.65	3.48	3.79
Mississippi	3.33	3.77	3.44	3.44	3.54	3.60	3.50
Missouri	2.75	4.22	3.91	3.59	3.58	6.81	7.62
Montana	2.81	2.66	2.49	2.42	1.86	2.19	2.11
Nebraska	3.26	3.65	3.18	3.28	2.76	3.88	3.66
Nevada	3.50	4.11	3.88	3.66	3.31	3.36	3.32
New Hampshire	5.79	5.74	5.21	4.42	3.89	6.88	4.35
New Jersey	4.26	4.83	4.33	4.27	5.34	5.57	6.01
New Mexico	2.34	2.56	2.54	2.34	2.08	2.80	2.35
New York	3.18	4.25	3.36	3.57	5.09	7.51	7.95
North Carolina	2.85	3.85	3.04	3.33	4.42	5.24	5.60
North Dakota	3.24	3.57	3.41	3.45	2.94	3.32	3.37
Ohio	3.07	3.60	3.14	3.28	3.79	3.78	3.73
Oklahoma	3.09	3.64	3.14	3.18	3.47	3.65	3.34
Oregon	3.10	3.56	3.22	3.38	3.17	3.82	4.51
Pennsylvania	3.63	4.53	3.90	4.17	3.79	5.82	8.06
Rhode Island	2.30	2.49	2.32	2.32	2.32	2.38	2.44
South Carolina	3.23	3.86	3.66	3.81	3.51	3.76	3.39
South Dakota	3.15	3.51	2.98	3.31	2.77	3.96	3.89
Tennessee	NA	3.54	3.10	3.24	3.23	3.64	3.64
Texas	2.55	3.02	2.70	2.67	2.58	2.60	2.95
Utah	6.14	4.80	5.77	6.28	4.07	2.88	2.67
Vermont	3.37	3.86	3.58	3.47	3.17	3.28	3.23
Virginia	3.40	4.52	3.55	3.91	5.20	5.82	7.25
Washington	3.60	4.25	4.05	3.56	3.00	3.11	3.71
West Virginia	3.04	3.71	3.21	3.26	3.77	4.82	4.75
Wisconsin	3.29	3.84	3.51	3.48	3.03	4.56	4.02
Wyoming	3.35	3.48	3.51	3.37	2.93	2.43	3.20
Total	3.28	3.81	3.50	3.46	3.42	4.07	4.15

See footnotes at end of table.

Table 19. Average citygate price, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2019						
	July	June	May	April	March	February	January
Alabama	3.45	3.42	3.74	3.48	3.59	3.65	3.99
Alaska	8.76	8.53	8.29	8.40	8.14	8.49	7.76
Arizona	1.36	1.92	1.53	1.63	3.03	2.97	3.30
Arkansas	6.56	10.32	3.81	4.98	4.09	3.83	4.76
California	2.34	2.33	2.12	2.56	3.57	3.71	3.40
Colorado	3.33	3.73	3.01	3.35	3.79	3.56	3.80
Connecticut	8.55	8.73	6.69	5.58	4.70	4.70	4.98
Delaware	11.96	11.41	8.84	7.38	4.97	4.54	4.37
District of Columbia	--	--	--	--	--	--	--
Florida	7.34	6.93	6.20	6.74	7.97	7.95	7.05
Georgia	3.59	3.83	3.83	3.92	3.83	4.00	4.36
Hawaii	16.81	17.26	21.98	21.85	18.51	15.60	13.97
Idaho	1.50	1.72	2.20	2.03	3.15	3.31	2.43
Illinois	2.95	2.74	2.80	3.05	3.96	3.24	3.58
Indiana	3.83	3.90	3.57	3.37	3.83	3.47	3.69
Iowa	3.16	3.39	3.10	3.15	3.95	3.62	4.00
Kansas	4.83	5.83	5.19	4.19	3.99	3.28	3.70
Kentucky	2.96	3.41	3.31	3.80	3.43	3.64	3.61
Louisiana	3.23	3.45	3.42	3.48	4.02	4.16	4.52
Maine	5.03	4.57	3.77	5.32	7.41	8.15	8.55
Maryland	9.06	7.94	7.12	6.32	4.57	4.63	4.39
Massachusetts	12.05	10.55	6.01	4.95	5.05	4.79	4.93
Michigan	2.48	2.81	2.81	3.10	3.41	3.37	3.55
Minnesota	3.88	3.70	3.30	3.09	4.61	3.86	4.45
Mississippi	3.47	3.87	3.90	4.03	3.93	3.96	4.09
Missouri	7.84	7.28	6.13	4.69	3.92	3.71	3.92
Montana	2.60	2.96	1.94	2.71	3.27	2.89	3.21
Nebraska	3.77	3.69	3.34	3.48	4.17	3.70	4.29
Nevada	3.34	3.13	2.80	3.32	4.30	6.17	4.25
New Hampshire	7.48	6.67	3.99	4.03	5.37	6.36	7.99
New Jersey	5.70	5.49	4.77	5.84	4.79	5.02	4.68
New Mexico	1.88	1.90	1.57	1.52	2.62	2.83	3.45
New York	8.29	7.30	5.15	4.09	3.62	3.58	4.35
North Carolina	5.77	5.02	5.86	4.36	3.74	3.55	3.76
North Dakota	3.35	3.49	3.08	3.39	3.98	3.53	4.13
Ohio	3.40	3.68	3.74	3.54	3.67	3.84	3.99
Oklahoma	4.06	4.75	3.77	3.78	3.90	3.65	3.97
Oregon	5.03	4.20	3.90	3.03	3.74	3.83	3.27
Pennsylvania	8.52	7.37	6.53	4.84	4.71	4.13	4.38
Rhode Island	2.49	2.53	2.55	2.59	2.60	2.59	2.58
South Carolina	3.47	3.67	3.91	4.14	4.17	4.19	4.45
South Dakota	3.82	3.85	2.97	3.31	4.10	3.51	4.12
Tennessee	3.63	4.06	3.57	3.78	3.65	3.59	3.87
Texas	2.80	2.54	2.44	3.36	3.18	3.38	3.60
Utah	2.83	2.86	3.14	4.07	5.34	5.70	5.53
Vermont	3.57	3.56	3.69	4.01	4.27	4.18	4.56
Virginia	6.70	6.78	6.67	5.46	4.18	4.22	4.23
Washington	3.89	3.48	3.70	3.41	7.02	5.39	3.41
West Virginia	5.37	4.74	4.49	3.89	3.73	3.57	3.71
Wisconsin	3.66	4.38	3.88	3.64	4.16	4.11	4.09
Wyoming	3.25	3.10	3.20	3.21	3.80	3.62	4.02
Total	4.17	4.17	3.66	3.72	4.07	3.91	4.03

^R Revised data.

-- Not applicable.

^{NA} Not available.

Notes: 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. See Appendix A, Explanatory Note 8, for discussion of computations and revision policy.

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

Table 20. Average price of natural gas sold to residential consumers, by state, 2019-2021
(dollars per thousand cubic feet)

State	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	14.61	15.39	14.80	21.36	18.69	16.56	14.25
Alaska	10.91	11.04	10.70	13.15	12.04	11.06	10.58
Arizona	13.83	12.30	12.73	22.12	19.03	15.85	13.52
Arkansas	NA	11.19	10.62	19.31	NA	12.92	9.76
California	NA	NA	13.12	15.73	NA	NA	15.48
Colorado	7.75	6.50	7.86	12.44	10.67	9.21	7.28
Connecticut	14.67	13.81	14.26	21.92	18.18	15.78	14.30
Delaware	11.99	NA	11.09	20.14	15.71	12.73	11.36
District of Columbia	12.90	11.52	12.42	22.11	17.37	14.86	13.04
Florida	NA	NA	20.33	26.64	NA	21.89	21.47
Georgia	14.07	NA	13.42	27.84	21.57	16.27	13.52
Hawaii	44.90	NA	44.05	48.49	49.36	43.37	46.34
Idaho	6.68	6.59	6.35	9.74	7.64	7.02	6.51
Illinois	NA	7.13	7.71	NA	13.20	11.41	8.53
Indiana	NA	7.81	8.18	NA	11.77	9.62	8.38
Iowa	8.50	6.96	8.07	19.58	13.25	10.87	10.09
Kansas	9.15	8.46	8.93	24.28	16.92	11.49	9.37
Kentucky	NA	10.50	10.08	24.63	NA	11.95	10.62
Louisiana	NA	NA	10.68	NA	NA	13.37	9.88
Maine	NA	14.20	16.24	NA	17.76	15.63	15.15
Maryland	13.18	12.50	12.14	21.11	18.40	13.78	13.45
Massachusetts	15.40	14.13	14.79	15.20	15.40	15.56	15.36
Michigan	8.45	7.87	7.85	14.06	10.81	9.26	8.79
Minnesota	7.99	NA	8.09	13.29	9.71	8.20	7.80
Mississippi	NA	NA	10.29	19.76	16.21	13.50	10.22
Missouri	9.15	9.44	9.58	18.95	13.36	10.76	8.78
Montana	8.05	6.73	6.85	11.88	9.76	8.76	7.60
Nebraska	NA	6.79	7.62	NA	11.27	8.85	7.19
Nevada	8.54	10.43	8.36	12.30	10.52	9.41	8.04
New Hampshire	14.63	13.57	15.45	19.22	16.41	15.79	13.54
New Jersey	9.56	9.53	9.36	11.89	10.81	9.91	9.42
New Mexico	7.92	NA	6.06	12.53	10.78	9.48	7.62
New York	12.21	11.96	12.10	17.57	14.92	13.75	11.54
North Carolina	12.83	NA	12.43	22.35	16.50	14.55	13.42
North Dakota	6.83	6.13	6.50	16.19	9.30	7.46	6.27
Ohio	NA	NA	8.58	NA	14.79	10.93	8.71
Oklahoma	7.89	7.66	8.24	20.00	13.67	10.65	6.39
Oregon	11.17	NA	9.41	15.17	12.88	12.77	10.77
Pennsylvania	10.81	11.02	11.32	17.64	13.26	11.88	10.84
Rhode Island	15.31	14.19	14.98	19.15	17.06	15.64	14.84
South Carolina	NA	NA	12.65	NA	21.94	15.60	15.10
South Dakota	8.19	6.62	7.05	14.64	11.01	10.85	8.70
Tennessee	NA	NA	9.08	18.14	12.57	10.39	NA
Texas	NA	10.08	9.32	20.70	17.29	14.70	9.80
Utah	8.50	NA	7.64	10.04	8.38	8.13	8.52
Vermont	12.77	12.21	12.46	19.96	15.12	13.26	11.99
Virginia	NA	NA	11.94	NA	NA	14.48	12.59
Washington	NA	10.69	9.23	15.10	NA	11.77	10.75
West Virginia	NA	9.66	9.57	NA	11.38	10.16	9.34
Wisconsin	NA	7.11	7.47	NA	14.40	NA	7.91
Wyoming	8.67	7.78	7.48	13.67	9.75	8.92	8.08
Total	10.79	10.14	10.08	17.76	14.10	12.26	10.54

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2021		Total	December	November	October	September	2020
	February	January						
Alabama	13.56	13.55	16.17	14.23	18.58	21.24	22.93	
Alaska	10.56	10.58	11.13	10.59	10.61	11.10	12.27	
Arizona	12.67	11.31	13.11	11.16	13.51	17.34	19.95	
Arkansas	9.73	10.11	11.98	11.05	12.44	16.74	20.79	
California	15.60	15.79	NA	15.32	14.38	14.74	14.75	
Colorado	6.65	6.74	7.17	6.94	7.44	8.05	10.31	
Connecticut	13.59	13.23	NA	13.44	NA	18.31	23.03	
Delaware	11.19	11.14	NA	11.82	14.66	19.98	25.29	
District of Columbia	11.33	10.77	12.36	11.17	13.48	16.93	20.78	
Florida	19.02	18.23	NA	20.24	23.47	25.26	26.23	
Georgia	11.76	11.48	NA	11.71	21.71	24.88	28.22	
Hawaii	42.96	39.99	NA	38.60	37.96	37.84	37.28	
Idaho	6.41	6.26	6.73	6.24	6.42	7.30	8.48	
Illinois	6.55	6.63	7.94	6.79	7.99	8.85	16.59	
Indiana	6.78	7.06	8.57	6.91	8.90	10.42	18.25	
Iowa	7.12	6.09	NA	6.51	8.16	9.72	15.76	
Kansas	7.05	8.00	NA	8.24	9.58	10.25	18.40	
Kentucky	7.96	8.97	11.19	8.79	11.21	13.76	24.27	
Louisiana	9.03	9.94	NA	10.45	14.16	15.82	17.64	
Maine	14.32	14.27	NA	13.75	14.87	NA	22.85	
Maryland	12.22	11.48	13.29	11.89	14.55	17.43	20.87	
Massachusetts	14.86	15.97	NA	15.40	NA	NA	15.04	
Michigan	7.54	7.61	8.25	7.72	8.31	8.66	11.24	
Minnesota	7.60	7.37	NA	7.89	8.37	8.04	10.94	
Mississippi	NA	NA	NA	9.89	12.49	15.43	19.05	
Missouri	7.64	8.15	NA	8.98	10.98	15.17	24.04	
Montana	7.20	7.07	NA	7.16	7.64	NA	10.94	
Nebraska	6.76	7.01	7.85	7.91	8.75	12.43	15.38	
Nevada	7.80	7.81	10.36	8.18	9.20	11.76	13.44	
New Hampshire	13.70	14.57	14.66	15.56	16.09	19.20	22.60	
New Jersey	9.29	9.10	9.90	9.39	10.19	11.48	13.14	
New Mexico	6.90	6.97	NA	7.21	7.81	11.16	11.93	
New York	10.89	11.22	12.82	12.17	13.70	16.13	19.27	
North Carolina	12.77	11.09	NA	11.27	15.36	21.55	19.24	
North Dakota	5.82	5.67	6.82	5.74	6.43	8.64	15.16	
Ohio	7.25	7.24	NA	7.49	9.60	13.20	23.14	
Oklahoma	6.29	6.79	9.19	8.02	9.44	18.64	23.14	
Oregon	9.38	11.42	NA	10.05	10.38	11.37	14.93	
Pennsylvania	9.93	9.87	11.49	10.20	10.98	13.72	18.82	
Rhode Island	14.71	14.86	15.06	15.45	16.15	18.98	21.54	
South Carolina	11.78	12.33	NA	10.32	15.85	20.83	24.85	
South Dakota	6.10	6.64	7.11	6.44	7.12	8.40	12.68	
Tennessee	7.44	8.47	NA	7.52	9.49	12.92	17.08	
Texas	9.04	NA	NA	10.41	14.12	NA	21.75	
Utah	8.67	8.34	NA	8.34	7.41	9.48	9.71	
Vermont	11.77	12.01	13.29	12.60	13.87	17.19	21.69	
Virginia	11.84	10.91	NA	11.54	14.60	16.55	19.15	
Washington	10.44	10.60	10.97	10.57	10.59	10.89	14.40	
West Virginia	9.04	9.03	10.07	9.03	9.96	11.67	15.35	
Wisconsin	7.29	6.90	7.52	7.12	7.85	6.99	12.16	
Wyoming	8.02	8.03	NA	7.98	8.42	12.14	16.45	
Total	9.37	9.73	10.84	9.81	11.07	12.36	16.99	

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2020						
	August	July	June	May	April	March	February
Alabama	22.74	22.46	20.44	17.93	17.21	14.52	14.33
Alaska	13.78	14.19	13.47	12.34	11.36	10.79	10.76
Arizona	20.43	19.19	17.77	16.74	13.74	11.92	11.17
Arkansas	21.17	19.03	16.31	12.63	11.35	10.69	10.39
California	14.34	14.34	14.58	14.56	NA	13.70	14.57
Colorado	13.37	13.25	11.46	8.78	6.59	6.44	5.80
Connecticut	23.68	21.91	19.67	15.55	14.28	13.40	12.84
Delaware	26.11	24.51	19.40	14.26	NA	NA	NA
District of Columbia	20.63	19.77	16.09	12.64	12.26	10.50	10.63
Florida	NA	25.14	22.19	NA	19.91	NA	18.61
Georgia	29.48	27.70	23.81	NA	15.71	13.48	12.06
Hawaii	37.36	38.17	38.30	35.00	NA	NA	43.98
Idaho	9.71	10.12	8.19	7.57	6.90	6.54	6.22
Illinois	19.53	18.97	12.65	9.18	7.50	6.99	6.25
Indiana	22.18	21.00	18.66	10.72	8.01	7.61	6.63
Iowa	18.15	NA	13.70	10.69	7.12	7.00	5.99
Kansas	NA	21.05	20.74	13.99	9.80	8.34	6.99
Kentucky	26.22	25.01	21.44	15.59	11.07	10.64	8.73
Louisiana	17.68	15.98	15.13	13.74	12.89	11.01	10.33
Maine	28.00	25.39	20.02	14.47	13.41	13.24	14.84
Maryland	22.03	19.29	18.61	14.19	11.92	12.51	12.14
Massachusetts	15.71	15.30	13.23	13.57	14.52	14.25	14.14
Michigan	14.31	13.97	12.43	9.27	8.28	7.70	7.25
Minnesota	11.36	12.76	NA	9.29	7.26	7.04	NA
Mississippi	18.76	17.38	16.49	14.61	NA	11.21	9.47
Missouri	NA	23.85	18.86	12.52	10.06	9.04	8.26
Montana	11.43	9.78	8.47	7.19	6.61	6.59	6.54
Nebraska	15.99	14.35	11.61	8.56	6.90	6.46	6.17
Nevada	13.84	13.66	13.21	12.24	10.98	10.23	9.91
New Hampshire	23.22	20.38	15.40	11.95	13.07	13.16	13.94
New Jersey	13.29	12.99	12.43	9.95	9.55	9.09	9.15
New Mexico	12.74	10.54	10.32	7.47	5.70	5.66	NA
New York	19.85	19.36	16.06	11.58	12.10	11.95	11.64
North Carolina	20.42	NA	NA	NA	14.05	14.41	11.62
North Dakota	20.62	20.23	12.54	7.99	6.08	5.67	5.51
Ohio	28.61	27.01	NA	11.12	8.50	7.82	6.99
Oklahoma	25.43	23.22	16.93	11.48	8.41	6.87	6.29
Oregon	15.58	13.67	NA	12.15	10.01	9.84	10.39
Pennsylvania	20.65	19.99	16.44	11.72	11.14	10.90	10.57
Rhode Island	21.54	19.88	17.58	15.09	14.38	13.91	13.79
South Carolina	26.27	26.07	NA	17.16	16.27	14.10	10.84
South Dakota	15.32	14.67	9.91	7.79	6.62	6.83	6.27
Tennessee	20.02	17.40	13.36	NA	9.15	NA	7.61
Texas	21.59	19.91	18.88	15.96	13.23	9.34	8.13
Utah	10.08	9.12	8.89	8.72	NA	8.37	8.20
Vermont	23.80	22.06	17.59	13.18	12.25	11.98	11.29
Virginia	20.45	19.42	16.18	NA	12.42	11.55	10.94
Washington	14.99	14.44	12.99	12.09	11.26	10.28	10.20
West Virginia	20.14	18.59	13.78	11.12	10.04	9.39	9.17
Wisconsin	14.06	13.28	11.56	7.81	6.71	7.03	6.87
Wyoming	NA	16.08	12.12	9.22	8.01	7.47	7.09
Total	18.42	17.63	15.37	11.85	10.66	9.85	9.12

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2020						2019
	January	Total	December	November	October	September	August
Alabama	14.77	15.63	14.74	15.64	22.51	23.31	23.15
Alaska	10.55	11.11	10.78	11.08	11.48	12.62	14.78
Arizona	10.85	13.49	11.45	13.75	17.01	20.61	21.62
Arkansas	11.18	11.05	9.78	8.95	18.22	20.57	20.91
California	15.02	12.95	12.74	11.87	12.99	12.66	12.87
Colorado	5.92	7.77	6.21	6.41	7.45	12.82	14.14
Connecticut	12.80	14.61	12.62	13.03	18.52	22.69	24.91
Delaware	11.38	12.10	11.64	13.19	20.63	23.50	24.38
District of Columbia	11.38	12.81	11.25	12.34	18.92	17.32	20.66
Florida	NA	21.73	19.65	23.60	25.99	25.65	26.77
Georgia	NA	14.87	10.93	12.38	24.55	28.93	28.33
Hawaii	43.17	44.14	44.37	44.83	45.19	45.36	42.41
Idaho	6.26	6.50	6.17	6.21	6.47	8.35	9.83
Illinois	6.36	8.04	6.60	6.35	9.36	17.82	18.91
Indiana	7.06	8.68	7.24	7.47	11.17	19.56	23.04
Iowa	6.17	8.19	5.99	6.90	9.73	19.16	17.17
Kansas	7.22	9.24	7.69	7.63	9.56	21.50	21.73
Kentucky	9.59	10.85	9.54	9.00	16.38	26.13	26.32
Louisiana	NA	11.51	10.20	11.17	17.33	17.29	16.60
Maine	13.70	16.05	13.54	13.03	16.18	23.33	27.02
Maryland	11.70	12.55	11.14	11.48	16.86	21.11	21.39
Massachusetts	14.19	14.72	14.42	13.56	13.89	16.20	16.99
Michigan	7.28	8.08	7.55	7.50	8.46	12.88	14.16
Minnesota	NA	8.06	7.19	7.22	7.50	11.45	13.09
Mississippi	9.40	10.77	9.39	9.47	16.78	17.41	17.52
Missouri	8.49	10.41	8.84	9.56	17.53	25.23	25.21
Montana	6.52	7.09	6.65	6.84	7.58	10.48	12.73
Nebraska	6.35	7.90	6.43	6.91	10.79	15.26	16.21
Nevada	9.59	9.50	9.59	10.70	12.29	14.66	15.55
New Hampshire	14.24	15.75	13.93	15.11	19.15	23.55	24.10
New Jersey	9.56	9.73	9.56	9.92	11.64	12.73	13.49
New Mexico	6.00	6.40	5.22	6.25	10.00	11.88	9.51
New York	11.39	12.61	10.75	12.45	16.89	19.97	20.14
North Carolina	11.80	12.88	11.42	11.42	21.77	25.24	21.88
North Dakota	5.56	7.00	5.68	6.14	8.52	16.57	21.07
Ohio	7.30	9.58	7.45	8.45	15.44	28.78	29.32
Oklahoma	6.70	9.40	6.81	9.11	22.17	27.57	27.68
Oregon	10.88	9.97	10.19	10.15	9.90	12.98	15.37
Pennsylvania	10.38	11.70	10.18	11.08	15.20	19.98	21.15
Rhode Island	13.52	15.36	13.55	15.62	19.61	21.49	21.92
South Carolina	11.44	13.14	11.15	10.57	26.11	24.81	26.22
South Dakota	6.00	7.29	6.33	6.60	8.33	15.70	15.05
Tennessee	8.01	9.45	8.04	8.38	16.19	18.86	20.21
Texas	8.32	10.61	9.17	9.92	21.00	22.27	22.09
Utah	8.17	7.82	8.19	7.25	7.74	9.79	10.09
Vermont	11.62	13.14	11.73	13.12	16.80	21.50	22.91
Virginia	11.90	12.62	11.86	11.77	18.56	20.73	22.50
Washington	10.23	9.82	10.25	10.15	9.30	12.38	15.18
West Virginia	9.10	9.90	9.00	9.36	11.78	18.83	18.54
Wisconsin	6.78	7.68	6.97	7.08	7.76	13.42	14.36
Wyoming	7.04	8.06	7.24	7.54	9.97	17.01	18.08
Total	9.51	10.51	9.30	9.33	12.50	17.61	18.38

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2019						
	July	June	May	April	March	February	January
Alabama	22.49	21.35	18.65	15.55	14.39	13.88	13.81
Alaska	15.28	13.82	11.58	11.05	10.39	10.33	10.14
Arizona	20.46	18.25	16.18	14.33	12.05	11.69	11.70
Arkansas	19.68	18.27	14.59	10.89	9.77	9.68	10.54
California	13.45	12.62	12.69	12.95	13.28	13.08	13.50
Colorado	13.49	11.32	8.74	8.20	7.66	7.57	7.22
Connecticut	23.91	20.41	17.06	15.30	13.73	13.36	13.18
Delaware	23.29	19.90	15.77	11.67	10.60	10.06	10.52
District of Columbia	21.00	17.79	15.72	12.87	11.42	11.70	12.23
Florida	27.05	25.72	22.95	21.14	20.56	18.19	18.21
Georgia	27.80	27.11	22.24	14.66	11.71	11.79	11.22
Hawaii	43.34	42.98	47.85	48.74	43.69	42.74	38.92
Idaho	9.59	8.89	7.60	6.87	6.11	6.00	6.01
Illinois	18.49	14.85	10.34	8.46	7.09	7.17	6.84
Indiana	20.58	18.97	12.32	9.59	7.50	7.34	7.24
Iowa	17.38	14.20	10.97	8.58	7.83	7.35	7.51
Kansas	20.64	19.23	14.63	12.53	7.91	7.68	8.08
Kentucky	27.08	24.92	19.72	12.03	8.64	9.19	8.81
Louisiana	16.92	16.22	14.23	11.17	10.17	8.94	10.42
Maine	26.11	20.05	16.05	16.26	15.77	16.42	15.85
Maryland	21.20	19.77	15.87	14.36	11.47	11.20	11.18
Massachusetts	16.39	14.66	14.70	15.16	14.68	14.58	14.97
Michigan	13.21	11.47	9.68	8.44	7.62	7.47	7.27
Minnesota	14.66	11.61	8.70	8.07	7.63	7.82	8.12
Mississippi	17.19	17.00	13.96	10.58	9.57	9.45	9.76
Missouri	24.38	20.20	14.25	10.74	8.64	8.51	8.86
Montana	9.87	8.35	7.57	7.04	6.49	6.57	6.73
Nebraska	14.75	12.84	9.78	8.02	6.73	6.92	7.90
Nevada	14.49	12.61	11.45	9.93	7.87	7.43	7.26
New Hampshire	21.56	17.14	15.70	14.81	14.66	15.51	16.16
New Jersey	12.78	11.62	10.54	9.16	9.31	9.27	8.98
New Mexico	9.79	11.45	6.32	6.21	6.21	5.57	5.61
New York	19.86	17.06	13.99	12.09	10.86	11.44	12.28
North Carolina	24.37	19.11	23.46	14.93	10.51	12.54	11.43
North Dakota	19.82	12.14	8.16	6.62	5.80	5.85	6.32
Ohio	27.29	23.29	14.63	9.92	7.46	7.26	7.39
Oklahoma	25.83	20.76	15.65	10.64	7.12	7.04	6.36
Oregon	13.64	6.72	12.52	11.06	9.15	8.47	9.60
Pennsylvania	20.28	18.16	14.79	13.38	10.82	10.40	10.30
Rhode Island	20.92	18.12	16.15	15.14	14.57	14.48	14.70
South Carolina	24.38	24.06	24.94	14.09	11.71	11.80	10.94
South Dakota	12.41	9.70	7.74	7.17	6.62	6.74	7.02
Tennessee	18.55	17.55	14.56	9.91	8.16	8.50	8.46
Texas	20.05	17.53	15.22	10.46	8.21	8.23	8.15
Utah	9.44	7.74	7.58	7.69	7.57	7.72	7.58
Vermont	21.66	17.07	13.71	12.65	11.97	11.77	12.01
Virginia	21.48	19.89	17.52	13.06	11.40	11.38	10.73
Washington	14.27	13.23	11.53	10.11	8.94	8.34	8.75
West Virginia	17.64	18.25	13.36	10.34	9.15	9.09	8.99
Wisconsin	14.30	11.90	7.82	7.37	7.37	7.18	7.28
Wyoming	15.15	9.74	8.72	7.68	6.91	7.15	7.03
Total	17.74	15.55	12.76	10.85	9.42	9.40	9.36

^R Revised data.

^{NA} Not available.

Notes: 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. See Appendix A, Explanatory Note 8, for discussion of computations and revision policy. See Table 24 for data on onsystem sales expressed as a percentage of total residential, total commercial, and total industrial deliveries.

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 21. Average price of natural gas sold to commercial consumers, by state, 2019-2021
(dollars per thousand cubic feet)

State	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	11.67	12.06	11.64	12.65	12.23	11.99	11.58
Alaska	9.80	NA	9.55	10.79	10.24	9.78	9.65
Arizona	7.91	6.95	7.44	9.36	9.29	8.20	7.80
Arkansas	NA	7.35	7.72	9.90	NA	7.96	6.83
California	NA	9.87	9.65	10.63	NA	NA	12.03
Colorado	6.98	5.71	7.19	9.50	8.74	7.94	6.66
Connecticut	9.70	8.96	9.79	13.18	10.86	10.08	9.60
Delaware	10.16	NA	9.54	12.96	11.70	10.49	9.73
District of Columbia	12.00	10.68	11.41	15.41	14.16	13.91	12.43
Florida	11.59	NA	11.43	11.70	11.33	11.64	11.77
Georgia	7.85	7.58	8.43	8.89	8.51	8.41	8.31
Hawaii	33.01	NA	30.81	34.93	34.85	32.64	34.29
Idaho	5.66	5.54	5.42	6.55	5.98	5.82	5.63
Illinois	NA	6.26	6.97	NA	NA	9.76	NA
Indiana	6.91	6.52	6.88	13.25	8.72	7.75	7.26
Iowa	7.18	5.35	6.37	11.01	9.72	8.74	8.36
Kansas	7.81	6.88	7.75	12.86	11.85	9.23	7.78
Kentucky	NA	8.36	8.34	13.73	NA	9.25	8.31
Louisiana	NA	8.26	8.57	NA	9.27	9.18	8.50
Maine	NA	11.36	13.29	NA	12.36	11.92	12.73
Maryland	11.02	10.20	10.10	13.23	13.49	11.04	11.25
Massachusetts	11.71	11.25	11.54	11.14	11.70	12.04	11.70
Michigan	7.25	6.59	6.70	10.46	8.56	7.83	7.49
Minnesota	6.39	NA	6.91	8.12	7.03	6.45	8.40
Mississippi	NA	NA	8.69	9.55	9.55	NA	9.18
Missouri	6.84	6.97	7.45	9.24	7.88	7.32	6.65
Montana	NA	6.59	6.81	NA	9.33	8.47	7.47
Nebraska	NA	5.05	6.06	NA	5.96	5.84	5.75
Nevada	5.75	7.76	5.71	6.08	6.16	5.93	5.60
New Hampshire	11.28	10.45	12.39	14.75	13.17	12.36	10.38
New Jersey	8.80	8.41	9.07	9.33	8.79	8.58	9.00
New Mexico	NA	NA	4.54	6.63	7.46	NA	6.11
New York	7.48	7.11	7.62	7.09	7.38	7.84	7.71
North Carolina	9.12	NA	8.83	10.11	9.54	9.16	9.32
North Dakota	5.68	5.18	5.73	7.43	6.05	5.81	5.65
Ohio	5.95	NA	5.95	8.39	7.20	6.29	6.09
Oklahoma	6.29	5.96	6.65	12.97	10.07	8.03	5.26
Oregon	NA	NA	7.62	9.72	8.96	8.96	8.16
Pennsylvania	8.95	NA	9.46	11.74	10.14	9.61	9.20
Rhode Island	12.35	11.48	12.51	15.77	13.48	12.48	12.10
South Carolina	9.58	8.46	8.75	10.49	9.75	9.03	10.11
South Dakota	NA	5.10	5.52	NA	8.43	NA	7.09
Tennessee	NA	NA	8.24	8.63	8.50	8.21	NA
Texas	NA	NA	5.93	8.80	8.71	6.65	7.19
Utah	7.10	NA	6.32	7.17	6.49	6.80	7.26
Vermont	6.11	5.59	6.56	5.45	5.87	5.70	6.45
Virginia	8.53	8.22	8.47	10.38	9.64	8.84	8.81
Washington	NA	8.63	6.97	10.64	NA	9.29	9.02
West Virginia	7.81	7.99	7.90	10.63	8.62	8.12	7.70
Wisconsin	NA	5.62	6.27	12.24	10.55	NA	6.34
Wyoming	7.08	6.31	6.08	8.10	7.42	7.22	6.87
Total	7.93	7.27	7.66	9.61	8.98	8.35	8.00

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2021			2020			
	February	January	Total	December	November	October	September
Alabama	11.45	11.34	12.08	11.32	12.17	12.39	12.38
Alaska	9.65	9.64	NA	9.67	9.82	9.81	10.29
Arizona	7.35	6.84	6.91	6.55	6.81	7.10	7.11
Arkansas	7.03	7.27	7.45	7.59	7.65	6.94	7.82
California	11.79	12.37	9.86	10.96	10.18	9.32	9.29
Colorado	6.31	6.16	6.24	6.26	6.59	7.18	7.82
Connecticut	9.13	8.71	NA	8.63	NA	NA	11.44
Delaware	9.83	9.65	NA	9.99	11.49	12.46	15.18
District of Columbia	10.61	10.35	10.97	10.53	11.95	11.56	12.26
Florida	11.46	11.64	NA	12.06	11.81	11.74	NA
Georgia	7.37	7.34	7.58	6.56	8.16	8.20	8.09
Hawaii	31.56	29.06	NA	26.31	25.38	25.28	24.86
Idaho	5.55	5.48	5.59	5.51	5.65	5.53	5.77
Illinois	5.75	5.95	6.85	6.02	6.96	7.61	13.00
Indiana	5.86	6.27	6.86	6.04	7.34	6.87	8.64
Iowa	6.85	5.10	5.80	5.88	6.71	6.09	7.91
Kansas	6.86	7.03	7.52	7.19	8.00	8.20	12.64
Kentucky	6.83	7.62	8.68	7.58	9.01	9.21	12.42
Louisiana	8.27	9.24	NA	9.11	9.75	8.63	NA
Maine	12.09	11.46	NA	11.18	11.42	NA	12.13
Maryland	10.65	10.00	10.81	10.44	12.46	12.74	13.17
Massachusetts	11.58	11.77	11.03	11.90	9.56	7.31	10.11
Michigan	6.65	6.72	6.87	6.75	7.06	7.28	8.56
Minnesota	6.23	6.07	NA	6.67	6.80	5.89	7.42
Mississippi	8.29	NA	NA	8.84	9.76	9.24	9.00
Missouri	6.40	6.47	NA	6.92	7.50	8.71	9.77
Montana	7.19	6.94	NA	6.98	7.33	NA	8.77
Nebraska	5.61	5.77	5.33	6.23	5.59	6.00	5.94
Nevada	5.59	5.62	7.25	5.79	6.04	6.74	7.33
New Hampshire	10.44	11.21	11.29	12.04	12.25	14.82	16.72
New Jersey	8.80	8.64	8.80	9.12	9.98	9.53	9.91
New Mexico	5.62	5.83	NA	5.74	5.38	6.17	5.51
New York	7.35	7.37	6.91	7.30	6.64	6.46	6.16
North Carolina	9.37	8.44	NA	8.54	NA	10.39	8.96
North Dakota	5.51	5.28	5.26	5.21	5.44	4.92	5.43
Ohio	5.45	5.34	NA	5.42	5.65	6.21	7.65
Oklahoma	5.27	5.65	6.87	6.54	7.32	11.47	13.33
Oregon	7.38	NA	NA	8.02	8.26	8.42	9.68
Pennsylvania	8.50	8.26	NA	8.47	8.29	9.76	9.85
Rhode Island	11.88	11.95	12.31	12.30	13.23	16.57	18.52
South Carolina	9.15	9.49	8.57	8.61	9.72	8.70	8.55
South Dakota	5.08	5.26	5.28	5.12	5.35	5.66	5.96
Tennessee	7.39	7.76	NA	7.15	8.12	8.44	8.45
Texas	6.74	NA	NA	6.87	7.69	7.16	8.09
Utah	7.34	7.13	NA	7.14	6.58	6.75	6.72
Vermont	6.48	6.12	5.46	6.14	5.79	4.67	5.55
Virginia	8.10	7.90	NA	8.23	NA	8.05	8.92
Washington	8.61	NA	8.80	8.99	8.75	8.59	9.71
West Virginia	7.52	7.52	8.12	7.49	7.79	8.76	9.87
Wisconsin	6.49	5.57	NA	6.00	6.13	NA	5.96
Wyoming	6.85	6.91	NA	6.53	6.42	7.16	7.83
Total	7.37	7.42	7.48	7.42	7.66	7.62	8.47

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2020						
	August	July	June	May	April	March	February
Alabama	12.91	12.89	12.79	12.58	12.45	11.80	11.77
Alaska	10.57	10.86	NA	10.30	9.91	9.80	9.79
Arizona	7.02	6.99	7.11	7.98	7.37	6.81	6.69
Arkansas	8.14	7.95	7.88	7.19	7.10	7.24	7.33
California	9.17	9.13	9.09	9.62	9.58	9.64	10.09
Colorado	9.24	9.78	8.61	6.69	5.72	5.47	5.35
Connecticut	11.30	10.72	12.17	9.35	9.57	8.53	8.56
Delaware	15.05	14.73	13.88	11.97	NA	10.48	NA
District of Columbia	11.91	13.40	12.22	10.99	11.69	9.84	10.24
Florida	NA	11.32	11.15	NA	10.92	NA	11.13
Georgia	8.13	8.48	8.34	8.28	8.26	7.18	7.12
Hawaii	26.28	28.14	26.88	23.80	22.47	NA	31.23
Idaho	6.15	6.37	5.91	5.99	5.78	5.49	5.41
Illinois	15.13	13.96	11.50	8.34	6.71	6.09	5.58
Indiana	11.35	11.67	11.73	8.20	6.40	6.49	5.71
Iowa	7.74	7.64	7.05	6.93	5.24	5.31	4.94
Kansas	13.46	12.89	11.83	11.21	7.78	6.75	5.88
Kentucky	12.83	12.81	12.54	11.25	8.84	8.22	7.36
Louisiana	7.10	NA	6.88	7.55	7.57	8.23	8.66
Maine	13.58	13.24	11.66	10.53	10.72	10.82	12.26
Maryland	14.01	12.28	11.85	11.74	9.74	10.43	9.46
Massachusetts	10.36	10.69	9.71	10.75	11.74	11.36	11.29
Michigan	9.66	9.60	9.20	7.77	7.15	6.46	6.18
Minnesota	6.80	7.94	NA	6.70	5.77	5.86	NA
Mississippi	8.43	8.04	8.03	8.17	NA	9.06	8.33
Missouri	NA	9.91	9.19	7.93	7.07	6.77	6.64
Montana	9.67	8.98	8.15	6.95	6.44	6.48	6.40
Nebraska	5.47	5.27	5.09	4.61	4.73	4.98	5.08
Nevada	7.52	7.75	8.51	8.62	8.04	7.82	7.57
New Hampshire	18.08	16.51	12.65	9.55	10.12	9.88	10.56
New Jersey	9.90	9.96	7.81	8.30	7.98	8.67	8.43
New Mexico	6.07	5.05	4.44	3.76	3.61	3.97	NA
New York	5.69	6.02	6.05	6.13	6.83	7.45	7.45
North Carolina	8.95	10.73	NA	9.65	9.84	9.67	8.27
North Dakota	6.49	6.68	5.73	5.17	4.84	5.08	5.21
Ohio	7.56	7.25	NA	6.33	5.31	5.40	5.20
Oklahoma	15.50	12.15	11.47	8.94	6.86	5.47	5.11
Oregon	9.77	9.18	NA	8.79	7.80	7.80	8.06
Pennsylvania	12.65	12.05	NA	NA	8.64	NA	8.78
Rhode Island	19.35	17.93	14.92	12.41	11.67	11.23	11.18
South Carolina	8.30	7.80	7.83	8.49	9.33	8.71	8.10
South Dakota	7.31	7.31	6.17	5.52	5.01	5.24	4.98
Tennessee	9.19	8.49	7.83	NA	7.46	NA	7.27
Texas	7.92	7.22	NA	7.07	6.02	5.63	5.20
Utah	6.86	6.53	6.59	6.60	NA	7.02	6.92
Vermont	4.32	4.15	4.76	5.73	5.28	5.70	5.77
Virginia	8.64	8.81	9.33	7.88	7.88	8.03	7.81
Washington	9.33	9.90	8.84	9.08	9.25	8.59	8.33
West Virginia	10.81	10.73	9.84	9.00	8.31	7.85	7.68
Wisconsin	6.28	5.91	6.18	4.96	5.06	5.66	5.82
Wyoming	NA	7.55	7.10	6.70	6.44	6.18	6.08
Total	8.51	8.50	8.19	7.74	7.28	7.32	6.87

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2020						2019
	January	Total	December	November	October	September	August
Alabama	11.99	11.87	11.82	11.78	12.66	12.77	12.78
Alaska	9.84	9.89	9.99	10.09	10.32	10.77	11.19
Arizona	6.63	7.29	6.73	6.90	7.18	7.27	7.41
Arkansas	7.53	7.68	6.90	6.75	8.35	8.80	9.34
California	10.47	9.41	10.01	8.79	8.73	8.69	8.89
Colorado	5.51	6.92	5.74	5.87	6.43	8.71	8.90
Connecticut	8.30	9.75	8.11	8.52	10.71	11.35	12.08
Delaware	9.87	10.04	10.05	10.51	12.22	12.69	12.42
District of Columbia	10.85	11.23	9.88	11.19	11.10	10.56	12.22
Florida	NA	11.46	11.29	11.60	11.47	11.52	11.35
Georgia	7.53	8.21	7.27	7.60	8.53	8.50	8.60
Hawaii	30.57	30.26	28.35	32.09	31.07	30.33	28.26
Idaho	5.41	5.44	5.40	5.40	5.24	5.66	6.00
Illinois	5.61	7.02	5.74	5.64	7.44	12.89	12.77
Indiana	6.30	6.97	6.28	6.19	6.81	9.43	11.44
Iowa	5.23	6.03	4.99	5.34	5.36	7.25	7.50
Kansas	6.34	7.68	6.49	6.28	7.74	11.52	12.60
Kentucky	8.06	8.60	7.94	7.53	10.29	11.80	12.27
Louisiana	9.43	8.41	8.68	8.24	8.35	8.22	7.49
Maine	11.50	12.62	11.14	10.24	10.70	12.20	12.99
Maryland	10.06	10.14	9.60	9.22	10.40	12.43	11.96
Massachusetts	11.31	11.32	11.69	10.36	9.42	10.25	10.43
Michigan	6.22	6.81	6.49	6.49	6.93	9.08	9.57
Minnesota	NA	6.63	6.24	5.88	5.38	6.87	7.42
Mississippi	8.30	8.48	8.31	8.13	8.76	7.74	7.73
Missouri	6.76	7.67	6.88	7.63	9.28	10.00	10.14
Montana	6.45	6.89	6.53	6.67	7.08	8.89	7.81
Nebraska	5.37	5.83	5.32	4.92	5.27	5.53	5.94
Nevada	7.34	6.49	7.24	7.50	7.72	8.08	8.19
New Hampshire	10.95	12.48	11.02	11.70	13.85	16.76	17.12
New Jersey	8.62	9.05	8.74	9.47	8.92	9.18	9.07
New Mexico	4.71	4.56	4.03	4.68	5.41	5.41	4.37
New York	7.58	7.21	6.98	6.61	6.72	6.02	6.01
North Carolina	8.35	8.76	8.68	7.85	9.08	9.32	8.53
North Dakota	5.31	5.67	5.29	5.26	5.30	6.27	7.02
Ohio	5.35	5.97	5.39	5.45	6.40	7.54	7.36
Oklahoma	5.28	7.28	5.45	7.33	13.77	15.07	16.33
Oregon	8.32	7.88	8.08	7.92	7.95	8.75	9.35
Pennsylvania	8.69	9.49	8.55	8.67	10.88	11.83	12.33
Rhode Island	10.84	12.87	10.79	13.11	17.15	18.39	19.19
South Carolina	8.51	8.58	8.76	7.92	8.73	7.55	8.16
South Dakota	4.89	5.50	5.01	5.14	5.41	7.20	7.18
Tennessee	7.67	8.10	7.55	7.07	8.59	9.11	9.02
Texas	5.55	6.18	5.94	5.84	7.51	7.39	7.23
Utah	6.89	6.35	6.91	6.00	5.91	6.51	6.61
Vermont	5.73	6.01	5.79	5.68	4.69	4.81	4.71
Virginia	8.80	8.53	8.50	7.89	9.12	9.18	9.88
Washington	8.45	7.49	8.36	8.35	7.26	8.25	8.60
West Virginia	7.65	8.02	7.49	7.62	8.76	10.32	10.21
Wisconsin	5.74	6.14	5.96	5.94	5.56	6.29	6.00
Wyoming	6.17	6.30	6.21	6.22	6.89	7.94	7.95
Total	7.25	7.61	7.19	6.98	7.64	8.34	8.42

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2019						
	July	June	May	April	March	February	January
Alabama	12.69	12.28	12.08	11.82	11.54	11.47	11.42
Alaska	11.14	10.54	9.69	9.56	9.53	9.41	9.39
Arizona	7.35	7.53	7.54	7.43	7.35	7.45	7.44
Arkansas	9.08	9.04	8.53	7.66	7.47	7.48	7.74
California	8.88	8.32	8.42	9.51	10.49	9.89	10.40
Colorado	8.80	8.19	7.29	7.24	7.23	7.17	6.88
Connecticut	12.05	11.74	10.90	10.47	9.44	9.35	9.10
Delaware	12.72	11.32	11.03	9.60	9.53	9.14	9.05
District of Columbia	12.43	12.12	11.79	11.83	11.02	11.14	11.52
Florida	11.84	12.09	11.65	11.69	11.20	11.27	10.98
Georgia	8.82	8.57	8.56	8.12	7.77	7.90	9.29
Hawaii	28.65	29.61	33.98	34.52	30.85	29.48	26.56
Idaho	5.99	6.10	5.84	5.63	5.30	5.30	5.32
Illinois	12.82	11.57	9.24	7.53	6.38	6.63	6.36
Indiana	11.17	10.66	8.89	7.83	6.41	6.44	6.48
Iowa	7.01	7.14	7.09	6.21	6.38	6.03	6.45
Kansas	11.82	10.92	9.92	11.75	6.92	6.86	7.41
Kentucky	13.07	12.99	11.50	9.44	7.53	7.86	7.70
Louisiana	8.03	8.38	8.67	8.35	8.38	8.16	9.32
Maine	13.36	12.20	11.85	13.05	13.21	13.86	13.70
Maryland	11.49	12.46	10.87	12.00	9.47	10.47	9.18
Massachusetts	10.42	10.53	11.27	11.62	11.65	11.46	11.80
Michigan	9.54	8.35	7.55	7.01	6.58	6.51	6.41
Minnesota	7.98	7.51	6.66	6.51	6.54	7.11	7.16
Mississippi	7.85	8.16	8.71	8.46	8.51	8.72	9.08
Missouri	10.31	9.73	8.42	7.51	7.19	7.04	7.42
Montana	8.57	7.89	7.92	6.92	6.48	6.51	6.72
Nebraska	6.08	5.85	5.50	5.72	5.64	6.10	6.90
Nevada	7.66	6.90	6.68	6.19	5.36	5.24	5.38
New Hampshire	16.11	13.41	12.51	11.75	11.77	12.56	13.03
New Jersey	8.85	9.53	8.41	7.86	8.99	9.13	9.73
New Mexico	5.21	5.65	4.35	3.51	4.79	4.59	4.69
New York	6.18	6.59	7.12	7.17	7.45	7.88	8.44
North Carolina	10.11	9.14	9.48	9.28	7.77	9.46	8.77
North Dakota	7.10	6.35	5.55	5.41	5.46	5.70	6.15
Ohio	7.54	7.24	6.51	6.12	5.59	5.70	6.00
Oklahoma	14.74	13.08	10.99	8.49	6.04	5.92	5.30
Oregon	8.61	4.33	8.68	8.24	7.71	7.39	7.94
Pennsylvania	12.45	12.25	14.18	9.78	9.16	9.02	8.56
Rhode Island	18.65	15.56	13.46	12.44	12.21	12.13	12.30
South Carolina	9.09	8.52	8.38	8.64	8.40	9.05	9.10
South Dakota	6.75	6.00	5.49	5.27	5.24	5.48	5.86
Tennessee	8.40	9.00	9.13	8.09	7.68	8.29	8.26
Texas	6.93	6.50	6.38	5.74	5.68	5.87	5.92
Utah	6.28	5.72	5.76	6.28	6.42	6.50	6.41
Vermont	4.72	5.39	6.24	6.68	6.57	6.65	6.98
Virginia	9.05	10.34	8.23	8.95	8.03	8.51	8.29
Washington	8.43	8.19	7.58	7.35	6.75	6.62	6.74
West Virginia	10.17	10.55	9.68	8.30	7.65	7.67	7.55
Wisconsin	6.41	5.81	5.32	5.82	6.36	6.44	6.52
Wyoming	7.51	6.64	6.27	6.04	5.85	6.09	6.04
Total	8.47	8.23	8.06	7.73	7.41	7.55	7.67

^R Revised data.

^{NA} Not available.

Notes: 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. See Appendix A, Explanatory Note 8, for discussion of computations and revision policy. See Table 24 for data on onsystem sales expressed as a percentage of total residential, total commercial, and total industrial deliveries.

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 22. Average price of natural gas sold to industrial consumers, by state, 2019-2021
(dollars per thousand cubic feet)

State	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	4.29	3.39	4.17	4.22	3.94	3.77	4.11
Alaska	NA	5.68	5.91	5.36	4.00	NA	5.32
Arizona	NA	3.64	4.36	5.98	5.38	5.55	5.85
Arkansas	6.80	5.86	6.31	6.93	6.41	6.64	6.66
California	9.21	7.75	8.08	8.23	8.16	8.80	9.87
Colorado	NA	4.39	5.77	8.11	6.27	NA	4.98
Connecticut	NA	6.06	7.34	6.80	5.51	NA	6.95
Delaware	NA	10.35	9.70	NA	NA	10.27	9.68
District of Columbia	--	--	--	--	--	--	--
Florida	NA	NA	6.36	5.15	NA	5.96	5.78
Georgia	4.60	NA	4.55	4.79	4.60	4.45	4.70
Hawaii	NA	21.11	21.89	28.28	NA	28.76	26.57
Idaho	3.73	3.65	3.62	3.77	3.76	3.74	3.76
Illinois	NA	NA	5.48	NA	7.29	NA	NA
Indiana	NA	5.20	5.90	NA	NA	NA	5.91
Iowa	6.15	4.00	5.27	5.96	6.02	5.93	6.45
Kansas	NA	NA	5.32	4.35	4.49	NA	6.83
Kentucky	NA	3.40	4.42	4.24	3.98	NA	4.65
Louisiana	3.41	2.56	3.83	3.53	3.31	3.55	3.76
Maine	NA	8.21	10.02	6.48	NA	8.91	9.06
Maryland	NA	8.85	10.32	8.80	9.63	NA	10.16
Massachusetts	10.12	9.90	10.60	8.20	9.73	10.47	10.28
Michigan	NA	5.82	5.98	7.14	7.06	NA	NA
Minnesota	4.43	NA	4.81	4.34	4.78	3.92	5.35
Mississippi	4.85	3.88	5.11	4.79	4.66	4.60	4.92
Missouri	5.93	5.91	6.54	5.96	5.81	6.00	6.07
Montana	6.51	5.82	5.99	7.57	7.05	6.74	6.48
Nebraska	4.26	3.73	4.57	4.47	3.94	4.40	4.39
Nevada	4.94	6.63	4.88	5.38	5.24	4.91	4.79
New Hampshire	9.09	8.24	9.76	7.51	9.66	9.86	8.72
New Jersey	7.24	NA	8.04	7.32	6.70	7.02	7.84
New Mexico	NA	NA	3.16	NA	5.24	5.48	4.64
New York	7.78	7.69	8.30	7.85	7.75	7.61	8.12
North Carolina	5.92	5.17	6.20	5.33	5.57	5.75	6.26
North Dakota	4.21	NA	3.13	2.87	2.64	2.50	2.88
Ohio	NA	NA	6.09	7.94	7.21	NA	6.50
Oklahoma	NA	1.86	2.77	3.64	3.58	3.18	NA
Oregon	NA	NA	4.65	4.89	4.80	4.75	NA
Pennsylvania	NA	7.89	9.41	NA	NA	8.04	7.98
Rhode Island	9.54	8.92	9.83	10.18	9.96	9.69	9.34
South Carolina	4.77	3.74	5.00	4.77	4.57	3.99	4.75
South Dakota	NA	4.09	4.79	7.75	6.64	NA	5.01
Tennessee	4.64	NA	5.12	4.49	4.67	4.47	4.84
Texas	4.47	2.02	3.16	3.43	3.29	2.84	3.04
Utah	5.54	NA	5.13	5.41	5.24	5.37	5.71
Vermont	4.42	3.66	4.38	4.94	4.81	4.61	4.30
Virginia	4.33	NA	4.43	4.71	4.09	4.30	4.48
Washington	NA	NA	6.64	7.83	NA	8.10	9.18
West Virginia	2.99	NA	3.39	2.93	2.80	2.72	3.27
Wisconsin	NA	4.50	5.25	9.24	9.33	NA	5.45
Wyoming	NA	NA	3.94	5.63	NA	NA	4.82
Total	4.93	3.22	4.24	4.14	4.09	3.97	4.37

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2021			2020			
	February	January	Total	December	November	October	September
Alabama	5.48	4.23	3.48	4.16	4.04	3.43	3.44
Alaska	5.88	5.78	NA	6.07	5.96	5.83	3.23
Arizona	NA	4.70	3.98	4.56	4.78	4.43	4.53
Arkansas	7.03	6.99	NA	6.98	6.56	5.71	NA
California	9.63	10.33	7.64	8.98	7.96	7.19	6.99
Colorado	4.95	4.70	4.94	5.07	5.12	6.07	5.80
Connecticut	7.06	6.78	NA	6.61	NA	6.24	6.48
Delaware	10.86	10.48	NA	NA	10.68	10.95	11.78
District of Columbia	--	--	--	--	--	--	--
Florida	5.51	6.02	NA	6.20	5.39	NA	NA
Georgia	4.73	4.35	NA	4.71	4.26	3.87	4.05
Hawaii	23.93	24.51	20.54	20.37	19.44	18.80	20.28
Idaho	3.71	3.68	3.65	3.70	3.70	3.73	3.58
Illinois	4.33	4.69	NA	4.73	4.88	5.23	NA
Indiana	6.87	5.37	5.40	5.31	5.90	5.04	5.92
Iowa	7.43	4.80	4.31	4.96	5.44	4.39	4.72
Kansas	NA	5.44	NA	5.63	4.52	3.76	3.40
Kentucky	4.38	4.20	3.43	4.32	4.03	3.06	3.44
Louisiana	2.97	3.59	NA	3.86	2.83	NA	NA
Maine	9.07	9.21	7.86	9.93	9.72	6.08	5.95
Maryland	7.58	6.83	NA	NA	8.64	8.82	10.30
Massachusetts	10.27	10.47	NA	10.45	NA	6.01	7.15
Michigan	5.96	6.05	NA	5.93	NA	6.37	5.94
Minnesota	4.38	4.05	NA	4.48	4.60	3.36	3.69
Mississippi	5.05	5.02	4.00	5.02	4.81	3.94	3.66
Missouri	5.89	5.86	5.71	5.74	5.64	5.49	5.15
Montana	6.32	5.82	5.93	6.02	6.18	5.96	5.91
Nebraska	4.07	4.34	3.70	4.73	3.51	3.67	3.34
Nevada	4.79	4.81	6.06	4.95	5.04	5.46	5.86
New Hampshire	9.02	9.61	8.31	9.88	8.84	7.37	7.18
New Jersey	6.58	7.68	NA	7.74	7.38	NA	NA
New Mexico	4.62	4.84	NA	4.45	4.03	4.02	2.56
New York	7.68	7.70	NA	7.99	7.36	NA	NA
North Carolina	6.19	6.03	5.14	5.60	5.18	4.84	4.88
North Dakota	12.56	2.57	NA	2.63	2.93	2.10	2.05
Ohio	5.94	5.98	NA	6.49	NA	6.33	5.79
Oklahoma	3.42	3.16	NA	3.37	3.45	2.42	2.76
Oregon	3.88	4.86	NA	4.89	4.73	5.31	5.13
Pennsylvania	8.31	7.99	7.91	7.84	7.76	8.24	8.60
Rhode Island	9.25	9.23	NA	8.90	9.29	9.70	10.06
South Carolina	5.46	5.09	3.91	4.76	4.73	3.93	4.14
South Dakota	NA	4.27	4.40	4.67	4.99	5.35	5.66
Tennessee	4.76	4.59	NA	4.54	4.29	3.63	3.64
Texas	15.72	2.75	2.29	3.00	3.09	2.46	2.61
Utah	5.64	5.77	NA	5.71	5.32	4.91	4.90
Vermont	4.23	4.05	3.73	4.11	4.18	3.63	3.94
Virginia	4.32	4.14	NA	4.43	3.87	3.68	3.91
Washington	8.28	NA	NA	7.48	7.62	NA	NA
West Virginia	3.45	2.75	NA	2.65	2.54	2.29	2.16
Wisconsin	5.31	4.99	4.38	4.90	4.91	3.74	3.78
Wyoming	4.57	NA	NA	4.23	4.58	4.08	4.31
Total	9.34	4.04	3.29	4.07	3.93	3.25	3.16

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2020						
	August	July	June	May	April	March	February
Alabama	3.23	2.83	2.93	3.07	3.03	3.56	3.73
Alaska	3.50	NA	5.44	4.74	5.54	6.25	6.04
Arizona	3.65	4.09	4.48	3.80	3.77	3.03	3.50
Arkansas	6.43	5.89	5.50	5.12	5.58	6.00	6.13
California	6.76	6.77	6.86	6.69	7.26	7.77	8.35
Colorado	6.40	6.61	7.33	4.45	4.29	4.27	4.08
Connecticut	6.03	5.77	6.24	5.43	6.35	6.14	6.09
Delaware	10.12	11.81	11.51	11.77	10.66	10.45	9.88
District of Columbia	--	--	--	--	--	--	--
Florida	NA	5.65	5.27	NA	5.46	NA	5.91
Georgia	NA	2.67	3.20	NA	3.25	3.41	3.58
Hawaii	20.67	20.27	18.43	16.78	18.52	21.57	24.91
Idaho	3.58	3.58	3.77	3.65	3.69	3.65	3.52
Illinois	NA	3.23	NA	4.44	4.82	4.18	4.31
Indiana	6.37	6.72	6.91	5.94	4.80	5.09	5.00
Iowa	4.00	3.49	3.46	3.95	3.76	3.99	3.95
Kansas	3.41	2.89	3.09	3.08	3.73	4.60	4.99
Kentucky	2.89	2.64	2.84	3.36	3.25	3.30	3.63
Louisiana	NA	2.33	2.24	2.18	2.42	2.55	2.82
Maine	4.65	4.59	6.02	5.64	9.45	8.72	8.87
Maryland	8.98	6.74	7.34	7.88	7.73	9.12	8.55
Massachusetts	6.15	7.44	7.30	9.67	10.41	10.10	10.05
Michigan	6.88	6.26	6.79	6.08	6.17	5.74	5.65
Minnesota	NA	3.50	3.73	3.87	3.54	3.91	NA
Mississippi	3.60	3.54	3.45	3.75	3.85	3.98	3.90
Missouri	4.90	4.96	5.14	5.14	5.82	5.96	6.11
Montana	6.43	6.70	5.73	6.06	5.97	5.66	5.93
Nebraska	3.16	3.22	3.20	3.12	3.52	3.71	4.12
Nevada	5.86	6.14	6.38	6.75	6.67	6.84	6.65
New Hampshire	7.00	6.14	5.58	6.35	7.85	8.25	9.26
New Jersey	6.95	NA	6.12	6.36	6.06	6.94	NA
New Mexico	2.88	2.55	1.96	NA	2.08	3.22	NA
New York	6.16	6.25	6.09	6.45	7.41	8.22	7.94
North Carolina	4.84	4.94	5.07	4.88	5.08	5.17	5.29
North Dakota	1.73	1.66	1.75	1.93	1.66	1.91	2.19
Ohio	5.67	5.11	5.53	5.30	5.00	NA	5.07
Oklahoma	2.18	NA	2.01	1.97	1.43	1.78	1.98
Oregon	4.84	4.59	NA	4.82	4.72	4.94	5.04
Pennsylvania	7.95	8.05	8.16	7.63	7.67	7.86	7.99
Rhode Island	NA	9.17	9.09	9.50	9.38	9.15	8.88
South Carolina	3.40	3.44	3.23	3.46	3.56	3.75	4.03
South Dakota	5.51	5.34	4.73	4.38	3.88	3.93	3.99
Tennessee	3.17	3.19	3.31	NA	3.77	NA	4.37
Texas	2.15	1.72	1.87	1.97	1.84	2.02	2.08
Utah	4.76	4.92	4.73	4.68	4.91	NA	5.38
Vermont	3.52	3.34	3.47	3.66	3.48	3.73	3.73
Virginia	3.46	3.57	3.72	NA	3.59	3.54	NA
Washington	7.60	7.63	7.52	8.06	8.15	NA	NA
West Virginia	2.09	1.73	2.07	2.33	NA	2.52	2.68
Wisconsin	4.30	2.73	3.91	3.67	4.27	4.88	4.75
Wyoming	4.48	3.91	3.90	4.36	4.28	NA	4.67
Total	2.92	2.55	2.72	2.86	2.96	3.34	3.54

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2019-2021

(dollars per thousand cubic feet) – continued

State	2020						2019
	January	Total	December	November	October	September	August
Alabama	3.83	3.95	4.07	3.96	3.63	3.63	3.39
Alaska	5.72	5.85	5.73	5.98	6.00	6.05	5.36
Arizona	3.53	4.12	3.64	3.58	3.93	3.73	3.52
Arkansas	6.46	6.25	5.75	5.63	6.83	6.11	6.63
California	9.02	7.69	8.58	7.16	6.97	6.78	6.97
Colorado	3.98	5.36	4.32	4.31	5.20	5.73	5.78
Connecticut	6.05	6.82	6.14	5.88	6.01	6.14	6.67
Delaware	9.74	9.67	9.93	10.60	9.88	9.14	10.30
District of Columbia	--	--	--	--	--	--	--
Florida	NA	6.16	5.95	5.80	5.65	6.49	5.88
Georgia	3.85	4.23	4.03	4.05	3.91	3.74	3.72
Hawaii	25.02	22.93	23.54	36.52	23.56	21.06	20.85
Idaho	3.67	3.60	3.61	3.48	3.55	3.59	3.69
Illinois	4.36	5.25	4.13	4.08	4.98	5.72	5.88
Indiana	5.05	5.76	5.35	5.12	4.78	6.10	6.77
Iowa	4.59	4.93	4.84	4.73	4.69	4.61	4.11
Kansas	NA	3.97	4.95	4.43	4.17	3.55	3.49
Kentucky	3.74	4.06	3.89	4.00	3.57	3.27	3.46
Louisiana	3.07	3.36	3.19	3.06	2.86	2.65	2.79
Maine	8.79	8.67	8.81	8.51	5.70	5.68	5.75
Maryland	10.11	10.07	10.42	8.87	10.08	10.84	10.27
Massachusetts	10.26	9.92	10.04	8.95	7.58	7.67	8.76
Michigan	5.64	6.01	5.91	5.81	6.02	6.79	6.96
Minnesota	NA	4.44	4.61	4.79	3.32	3.69	3.79
Mississippi	4.15	4.70	4.77	4.47	4.20	3.96	4.03
Missouri	6.37	6.20	5.94	5.83	5.58	5.35	5.55
Montana	5.67	5.85	5.84	5.82	5.58	5.54	5.04
Nebraska	4.31	4.27	4.33	3.82	3.70	3.69	3.79
Nevada	6.50	5.81	6.23	7.90	7.34	6.72	6.84
New Hampshire	9.62	9.45	13.88	8.36	6.57	6.47	6.73
New Jersey	NA	7.63	6.99	7.88	6.67	6.06	5.90
New Mexico	3.99	3.48	3.64	3.96	3.69	3.62	3.45
New York	8.45	7.70	7.46	7.06	6.04	6.14	5.92
North Carolina	5.30	5.78	5.36	5.16	5.13	5.19	5.32
North Dakota	NA	2.82	3.04	2.96	2.82	2.07	2.11
Ohio	5.62	6.21	5.85	6.15	9.49	5.19	4.83
Oklahoma	1.98	2.50	2.32	2.52	2.08	1.99	1.90
Oregon	5.07	4.62	4.88	4.86	4.49	4.48	4.43
Pennsylvania	7.95	8.52	8.55	6.00	6.34	10.28	11.66
Rhode Island	8.14	9.70	8.17	9.34	9.73	9.70	10.28
South Carolina	4.19	4.67	4.42	5.22	3.04	5.19	3.85
South Dakota	4.17	4.78	4.18	4.07	9.65	6.21	5.39
Tennessee	4.60	4.68	4.89	4.59	3.93	3.74	3.66
Texas	2.30	2.88	2.54	2.78	2.56	2.55	2.40
Utah	5.63	5.00	5.68	4.92	4.55	4.48	4.51
Vermont	3.81	4.13	4.03	3.99	3.60	3.82	3.72
Virginia	NA	4.66	8.79	3.80	3.60	3.91	8.09
Washington	8.01	6.86	8.44	7.98	4.17	7.19	7.32
West Virginia	NA	3.04	2.99	3.09	2.47	2.49	2.46
Wisconsin	4.59	5.06	5.06	5.20	4.66	4.61	4.46
Wyoming	3.99	3.91	3.78	3.87	4.21	4.13	3.97
Total	3.66	3.90	3.88	3.86	3.42	3.34	3.20

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2019						
	July	June	May	April	March	February	January
Alabama	3.49	3.66	3.71	3.99	4.25	4.45	4.79
Alaska	5.47	5.42	5.66	5.68	6.11	6.19	6.10
Arizona	5.11	3.30	3.32	4.61	4.82	5.02	4.97
Arkansas	6.68	6.36	5.98	6.04	6.34	6.39	6.57
California	6.96	6.60	6.81	7.86	9.01	8.61	9.12
Colorado	5.81	5.86	5.69	5.43	5.73	6.04	5.75
Connecticut	6.66	7.34	7.34	7.42	7.54	7.24	7.22
Delaware	8.19	10.69	12.50	10.22	9.10	9.21	9.46
District of Columbia	--	--	--	--	--	--	--
Florida	5.89	5.71	5.64	5.92	6.49	6.61	7.62
Georgia	3.86	4.02	4.06	4.43	4.51	4.81	5.36
Hawaii	16.86	23.52	23.62	22.48	21.11	20.77	19.84
Idaho	3.63	3.64	3.62	3.61	3.64	3.62	3.58
Illinois	12.44	7.03	4.37	6.09	6.00	5.29	5.35
Indiana	7.11	6.82	6.21	5.90	5.73	5.71	5.92
Iowa	4.35	4.75	4.74	4.94	5.57	5.36	5.66
Kansas	3.44	4.10	4.67	5.38	6.30	7.00	7.56
Kentucky	3.63	3.93	3.95	4.11	3.89	5.37	5.26
Louisiana	3.11	3.14	3.22	3.45	3.63	4.33	5.12
Maine	5.74	6.71	6.95	10.69	10.89	11.02	11.00
Maryland	7.14	11.12	9.82	11.75	9.88	11.34	9.72
Massachusetts	8.39	8.82	9.79	11.05	10.67	10.90	11.10
Michigan	6.89	6.39	6.41	6.13	5.82	5.99	5.88
Minnesota	3.63	4.14	4.21	4.18	4.59	5.19	5.51
Mississippi	4.10	4.32	3.85	5.31	4.95	5.65	6.22
Missouri	5.57	5.78	5.83	6.36	6.61	6.62	7.05
Montana	5.64	5.74	5.68	6.08	5.91	6.12	6.14
Nebraska	4.03	3.81	3.95	4.49	4.21	4.89	5.75
Nevada	6.40	5.98	5.58	5.17	4.65	4.32	4.37
New Hampshire	6.47	6.52	8.03	9.25	9.34	11.19	11.49
New Jersey	7.09	6.62	6.49	6.88	7.85	8.34	9.33
New Mexico	3.20	2.61	2.13	2.93	4.08	4.66	4.76
New York	6.69	6.54	7.34	7.85	8.28	8.95	9.15
North Carolina	5.48	5.58	5.56	5.65	5.79	6.86	6.99
North Dakota	2.19	2.30	2.36	2.72	3.38	3.78	4.47
Ohio	5.73	5.85	6.13	5.95	6.07	6.32	6.02
Oklahoma	2.27	2.12	2.19	2.24	2.87	3.26	3.80
Oregon	4.19	4.62	4.94	4.30	4.62	4.77	4.67
Pennsylvania	9.28	9.31	9.51	9.62	9.31	9.18	9.59
Rhode Island	10.44	10.13	10.17	10.02	9.62	9.59	9.70
South Carolina	4.14	4.35	4.26	4.93	5.04	5.21	6.02
South Dakota	4.82	4.55	4.52	4.20	5.14	4.66	5.13
Tennessee	3.97	4.20	4.37	4.80	5.26	5.55	5.92
Texas	2.61	2.84	2.85	2.95	3.05	3.27	3.92
Utah	4.55	4.45	4.43	5.08	5.54	5.42	5.57
Vermont	3.83	4.02	4.03	4.32	4.43	4.48	4.80
Virginia	4.07	4.47	3.93	4.22	4.33	4.27	5.12
Washington	7.49	7.76	7.02	6.91	6.84	6.70	5.46
West Virginia	2.61	2.96	2.91	3.20	3.53	3.53	4.07
Wisconsin	3.94	4.27	4.36	4.73	5.58	5.37	5.74
Wyoming	3.36	3.75	3.85	3.63	3.83	4.22	4.14
Total	3.34	3.54	3.64	3.99	4.31	4.62	5.02

-- Not applicable.

NA Not available.

Notes: 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. See Appendix A, Explanatory Note 8, for discussion of computations and revision policy. See Table 24 for data on onsystem sales expressed as a percentage of total residential, total commercial, and total industrial deliveries.

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

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2019-2021
(dollars per thousand cubic feet)

State	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	W	W	W	W	W	W	W
Alaska	6.69	7.87	7.79	5.97	6.44	6.40	6.00
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	3.20	W	W
California	W	W	W	4.74	W	3.78	3.94
Colorado	W	W	W	W	W	W	W
Connecticut	3.95	2.45	4.03	3.09	2.73	2.93	3.84
Delaware	--	W	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	3.39	2.63	11.63	3.54	3.24	3.21	2.81
Illinois	W	W	W	W	W	W	W
Indiana	W	W	W	3.34	3.09	2.91	W
Iowa	4.04	2.00	3.37	3.59	3.27	2.56	2.60
Kansas	15.38	2.48	3.07	4.00	4.09	3.31	10.69
Kentucky	W	W	W	W	W	W	3.28
Louisiana	W	W	W	W	W	W	W
Maine	W	W	W	W	W	--	--
Maryland	3.64	W	3.56	3.53	3.34	2.97	3.10
Massachusetts	W	W	W	3.99	W	2.81	W
Michigan	W	2.04	3.02	3.46	3.39	2.90	3.10
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	3.03	1.56	1.98	3.17	2.93	2.75	2.56
Nebraska	14.86	3.91	3.39	4.13	4.40	4.12	5.26
Nevada	3.77	2.59	3.65	3.88	3.58	3.32	3.62
New Hampshire	W	W	W	W	W	3.15	W
New Jersey	3.05	2.01	3.30	2.80	2.45	2.28	2.48
New Mexico	6.48	1.28	1.30	3.47	3.34	3.52	3.38
New York	3.43	2.21	3.71	3.06	2.71	2.60	3.14
North Carolina	W	W	W	W	W	W	W
North Dakota	4.14	2.57	4.16	4.05	3.04	3.43	2.97
Ohio	3.01	1.84	2.84	3.05	2.84	2.64	2.66
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	2.69	1.73	2.80	2.57	2.36	2.22	2.44
Rhode Island	W	W	W	W	W	W	W
South Carolina	3.69	2.69	3.46	3.62	3.37	3.30	4.15
South Dakota	3.07	--	--	3.32	3.11	2.59	--
Tennessee	3.12	2.36	3.07	3.06	2.97	3.17	3.05
Texas	11.90	1.85	2.63	3.42	3.23	3.00	2.92
Utah	3.65	2.47	3.72	3.57	3.29	3.01	3.51
Vermont	--	--	--	--	--	--	--
Virginia	3.44	2.68	W	3.22	3.19	2.92	3.30
Washington	W	W	W	W	4.02	W	W
West Virginia	W	W	W	W	W	W	W
Wisconsin	W	W	3.12	W	W	W	W
Wyoming	W	W	W	W	W	W	W
Total	5.39	2.33	3.32	3.57	3.35	3.14	3.41

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2021			2020			
	February	January	Total	December	November	October	September
Alabama	W	W	W	W	W	W	W
Alaska	7.54	7.82	7.85	7.82	7.82	7.82	7.82
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	5.75	3.99	3.38	4.14	4.14	3.73	3.92
Colorado	W	W	W	W	W	W	W
Connecticut	6.38	4.73	2.42	4.31	2.76	2.09	1.76
Delaware	--	--	W	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	2.40	W	W	W	2.44
Hawaii	--	--	--	--	--	--	--
Idaho	4.62	2.77	2.75	3.43	3.58	3.87	2.70
Illinois	W	W	1.97	W	W	W	W
Indiana	8.16	W	2.16	2.73	2.53	2.25	2.12
Iowa	11.31	2.40	2.10	2.55	2.61	2.37	2.15
Kansas	64.02	3.69	2.64	3.45	3.34	2.50	2.71
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	--	--	W	--	--	W	W
Maryland	5.99	3.50	2.42	3.75	W	2.13	W
Massachusetts	7.63	6.67	3.41	W	W	2.29	1.84
Michigan	W	2.90	2.16	2.76	2.66	2.16	2.10
Minnesota	W	3.86	2.84	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	4.06	2.42	1.80	2.27	2.34	1.82	1.92
Nebraska	55.68	4.76	3.40	5.45	5.11	3.29	2.97
Nevada	4.51	3.74	2.76	3.66	3.78	2.74	3.11
New Hampshire	W	W	W	W	W	W	W
New Jersey	5.29	3.08	1.83	2.84	1.51	1.39	1.42
New Mexico	24.82	3.25	1.65	3.13	2.50	1.65	1.76
New York	5.46	3.59	2.17	3.65	2.52	1.81	1.76
North Carolina	W	W	W	W	W	W	W
North Dakota	8.40	3.05	2.70	3.49	2.77	2.41	2.75
Ohio	4.17	2.70	1.96	2.63	2.25	1.95	1.93
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	3.89	2.60	1.68	2.34	1.63	1.35	1.34
Rhode Island	W	W	W	W	W	W	W
South Carolina	4.48	3.56	2.78	3.43	3.17	2.97	2.71
South Dakota	--	--	--	--	--	--	--
Tennessee	3.79	2.78	2.37	2.27	2.80	2.55	2.48
Texas	56.54	2.79	2.11	2.82	2.76	2.36	2.19
Utah	4.91	3.74	2.63	3.55	3.70	2.77	2.88
Vermont	--	--	--	--	--	--	--
Virginia	4.54	3.64	2.49	3.34	2.63	1.97	1.96
Washington	W	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W	W
Wisconsin	W	W	W	W	W	W	W
Wyoming	52.15	W	2.33	W	W	W	W
Total	16.29	3.33	2.48	3.30	3.08	2.57	2.49

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2020						
	August	July	June	May	April	March	February
Alabama	W	W	W	W	W	W	W
Alaska	7.82	7.86	7.86	7.86	7.86	7.87	7.87
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	W	2.50	W	W	2.40	2.58	2.92
Colorado	W	W	W	W	W	W	W
Connecticut	1.88	1.81	1.71	1.78	1.81	2.40	2.89
Delaware	--	--	--	--	--	--	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	2.37	1.91	2.93	5.03	--	2.40	1.93
Illinois	W	1.89	W	W	W	W	W
Indiana	2.36	W	1.84	1.93	1.92	1.93	W
Iowa	2.15	1.87	1.86	1.87	1.86	1.81	2.11
Kansas	2.74	2.52	2.42	3.00	2.33	2.06	2.85
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	W	W	W	W	--	--	--
Maryland	2.49	2.17	2.04	2.25	W	2.41	2.52
Massachusetts	2.15	2.88	W	W	W	W	W
Michigan	2.37	1.99	1.86	2.06	1.96	1.93	2.10
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	2.08	1.64	1.56	1.65	1.65	1.01	1.54
Nebraska	2.86	2.44	2.32	3.66	3.23	3.80	5.53
Nevada	2.56	2.16	2.20	2.33	2.18	2.35	2.68
New Hampshire	W	W	W	W	W	--	W
New Jersey	1.54	1.72	1.62	1.57	1.69	2.19	2.34
New Mexico	1.64	1.65	1.78	1.81	0.78	0.90	1.04
New York	1.85	1.82	1.70	1.72	1.71	2.19	2.70
North Carolina	W	W	W	W	W	W	W
North Dakota	2.99	2.57	1.85	2.79	2.06	2.73	2.37
Ohio	1.97	1.75	1.67	1.79	1.78	1.79	1.89
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	1.53	1.65	1.53	1.53	1.60	1.64	1.92
Rhode Island	W	W	W	W	W	W	W
South Carolina	2.83	2.45	2.39	2.62	2.70	2.72	2.75
South Dakota	--	--	--	--	--	--	--
Tennessee	2.36	2.05	2.10	2.41	2.31	2.58	2.31
Texas	2.31	1.91	1.77	1.95	1.81	1.76	1.87
Utah	2.22	1.93	2.01	2.12	1.96	2.09	2.48
Vermont	--	--	--	--	--	--	--
Virginia	2.12	2.02	2.09	2.08	2.13	2.30	3.92
Washington	W	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W	W
Wisconsin	W	W	W	W	W	W	W
Wyoming	W	W	1.77	W	W	W	W
Total	2.47	2.10	2.08	2.25	2.20	2.23	2.50

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2020						2019
	January	Total	December	November	October	September	August
Alabama	W	W	W	W	W	W	W
Alaska	7.87	7.84	7.87	7.87	7.87	7.87	7.87
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	2.74	W	W	W
California	3.56	3.87	4.00	3.55	3.24	3.49	3.24
Colorado	W	W	W	W	W	W	W
Connecticut	3.97	3.48	4.93	3.63	2.13	2.28	2.30
Delaware	--	W	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	2.44	4.22	3.65	3.20	3.70	2.53	2.09
Illinois	W	W	W	W	W	W	W
Indiana	2.32	2.72	2.40	2.75	2.19	2.56	2.49
Iowa	2.37	2.71	2.50	2.72	2.20	2.21	2.15
Kansas	2.71	2.86	4.60	3.14	2.05	2.50	2.29
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	W	W	--	--	W	W	W
Maryland	2.96	3.21	3.45	3.42	2.41	2.90	2.60
Massachusetts	6.00	4.73	6.07	W	2.41	2.94	2.93
Michigan	2.25	2.74	2.49	2.87	2.23	2.63	2.38
Minnesota	2.59	W	2.98	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	2.63	W	W	W
Montana	1.99	1.65	2.28	2.12	1.95	0.67	0.84
Nebraska	5.78	3.12	4.33	3.88	3.21	2.83	2.60
Nevada	3.76	3.20	4.17	3.14	2.61	2.40	2.60
New Hampshire	W	W	W	W	W	W	W
New Jersey	2.58	2.91	2.66	2.75	2.41	2.46	2.50
New Mexico	1.36	1.30	1.83	1.78	1.60	1.91	1.16
New York	3.09	3.03	3.28	3.09	2.03	2.19	2.21
North Carolina	W	W	W	W	W	W	W
North Dakota	3.54	3.50	2.76	3.13	3.28	3.45	2.24
Ohio	2.07	2.56	2.34	2.59	1.97	2.27	2.19
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	2.09	2.42	2.36	2.46	1.68	1.87	2.00
Rhode Island	W	W	W	W	W	W	W
South Carolina	2.95	3.25	3.25	3.27	2.97	3.17	2.93
South Dakota	--	W	--	--	--	--	--
Tennessee	2.50	2.86	2.76	2.77	2.78	2.66	2.53
Texas	1.96	2.44	2.17	2.53	2.34	2.40	2.11
Utah	3.61	3.20	3.94	2.94	2.55	2.32	2.41
Vermont	--	W	--	--	--	--	--
Virginia	3.53	3.33	3.70	3.27	2.39	2.64	2.50
Washington	W	W	W	W	W	W	W
West Virginia	W	W	2.44	2.55	W	W	W
Wisconsin	W	W	W	W	W	W	W
Wyoming	W	W	W	W	W	W	W
Total	2.74	2.99	3.05	3.08	2.58	2.68	2.50

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2019-2021
(dollars per thousand cubic feet) – continued

State	2019						
	July	June	May	April	March	February	January
Alabama	W	W	W	W	W	W	W
Alaska	7.87	7.87	7.87	7.87	7.72	7.72	7.72
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	3.38	3.04	2.88	3.28	4.53	W	W
Colorado	W	W	W	W	W	W	W
Connecticut	2.47	2.37	2.53	2.78	4.10	5.34	7.12
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	2.22	2.37	24.46	--	40.19	8.54	3.48
Illinois	W	2.47	2.54	2.65	W	W	3.92
Indiana	2.49	2.62	2.80	2.79	W	W	3.44
Iowa	2.26	2.23	2.47	2.55	2.75	7.22	3.12
Kansas	2.48	2.23	2.46	2.68	5.76	3.93	4.00
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	W	W	--	W	W	W	--
Maryland	2.72	2.79	3.02	3.12	3.50	3.71	5.34
Massachusetts	3.30	3.11	W	4.71	5.22	W	W
Michigan	2.55	2.56	2.75	2.83	3.33	3.08	3.53
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	1.17	0.77	1.60	0.87	2.98	2.77	1.79
Nebraska	2.81	2.70	2.86	3.64	4.02	3.83	4.01
Nevada	2.54	2.47	2.67	3.02	4.36	5.13	4.53
New Hampshire	W	W	W	W	W	W	W
New Jersey	2.58	2.48	2.61	2.60	3.71	3.99	4.58
New Mexico	0.85	0.47	0.49	0.51	1.47	2.28	2.72
New York	2.39	2.53	2.58	2.76	3.90	4.45	5.75
North Carolina	W	W	W	W	W	W	W
North Dakota	3.39	3.28	3.70	2.68	4.39	4.77	6.16
Ohio	2.33	2.37	2.55	2.68	3.09	2.92	3.40
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	2.26	2.27	2.41	2.50	2.88	3.01	3.66
Rhode Island	W	W	W	W	W	W	W
South Carolina	2.95	3.08	3.25	3.45	3.55	3.45	4.20
South Dakota	--	--	--	--	--	--	--
Tennessee	2.63	2.79	2.82	3.31	3.11	3.09	3.50
Texas	2.21	2.22	2.43	2.48	2.83	2.82	3.21
Utah	2.33	2.34	2.34	3.12	4.22	5.49	4.49
Vermont	--	--	--	--	--	--	--
Virginia	2.73	2.83	3.27	3.49	3.87	W	W
Washington	W	W	W	W	W	W	W
West Virginia	W	W	W	W	3.58	3.30	3.66
Wisconsin	W	2.45	2.63	2.82	3.45	3.64	3.72
Wyoming	2.15	2.17	W	W	W	3.10	W
Total	2.62	2.67	2.85	2.99	3.59	3.79	4.16

^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.

^R Revised data.

-- Not applicable.

^W Withheld.

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

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

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2019-2021

State	2021 6-Month YTD			2020 6-Month YTD			2019 6-Month YTD		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	81.7	25.6	100.0	80.0	24.1	100.0	80.0	23.5
Alaska	100.0	99.7	NA	100.0	NA	40.9	100.0	98.9	37.2
Arizona	100.0	78.0	NA	100.0	74.0	22.5	100.0	83.0	17.0
Arkansas	NA	NA	1.5	100.0	41.8	1.7	100.0	44.4	1.7
California	NA	NA	4.9	NA	51.5	4.5	94.9	54.5	4.5
Colorado	100.0	94.2	NA	100.0	94.2	8.7	100.0	94.2	8.2
Connecticut	96.5	77.7	NA	96.4	77.9	49.2	96.4	78.4	51.8
Delaware	100.0	38.4	NA	NA	NA	NA	100.0	40.8	0.3
District of Columbia	75.0	NA	0.0	74.5	19.5	0.0	76.1	21.5	--
Florida	NA	31.1	NA	NA	NA	NA	91.1	29.9	3.5
Georgia	100.0	100.0	20.9	NA	100.0	NA	100.0	100.0	25.6
Hawaii	100.0	100.0	NA	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	78.2	3.5	100.0	78.3	3.2	100.0	78.4	2.9
Illinois	NA	NA	NA	87.2	35.7	NA	86.6	36.6	7.5
Indiana	NA	67.0	NA	96.3	65.8	1.7	96.2	66.9	1.8
Iowa	100.0	66.3	3.0	100.0	65.4	2.7	100.0	68.2	2.7
Kansas	100.0	NA	NA	100.0	52.4	NA	100.0	57.6	2.4
Kentucky	NA	NA	NA	97.2	79.4	16.5	97.2	80.2	16.5
Louisiana	NA	NA	2.4	NA	75.0	3.1	100.0	77.5	3.1
Maine	100.0	NA	NA	100.0	64.9	7.4	100.0	66.1	8.3
Maryland	78.3	28.4	NA	77.3	27.2	5.7	75.9	26.9	4.4
Massachusetts	98.3	40.6	26.2	97.9	38.6	25.5	97.6	40.4	27.5
Michigan	94.9	60.1	NA	94.3	60.0	8.2	94.0	60.5	8.7
Minnesota	100.0	88.9	16.9	NA	NA	NA	100.0	89.6	18.0
Mississippi	NA	NA	8.0	NA	NA	9.3	100.0	82.1	8.9
Missouri	99.9	75.8	13.4	100.0	74.6	13.9	100.0	76.2	14.2
Montana	99.7	NA	1.7	99.7	49.5	1.6	99.6	51.5	2.0
Nebraska	NA	NA	NA	88.0	57.6	NA	87.9	58.1	6.1
Nevada	100.0	66.9	NA	100.0	65.0	NA	100.0	63.2	16.0
New Hampshire	100.0	60.6	9.2	100.0	61.3	8.1	100.0	58.5	9.3
New Jersey	97.1	46.9	NA	96.6	45.7	NA	96.4	48.4	8.5
New Mexico	100.0	NA	NA	NA	NA	NA	100.0	62.5	5.4
New York	100.0	100.0	6.5	100.0	100.0	5.9	100.0	100.0	6.6
North Carolina	100.0	87.0	13.6	NA	NA	12.7	100.0	87.2	12.9
North Dakota	100.0	93.9	35.7	100.0	94.0	NA	100.0	93.6	38.2
Ohio	NA	100.0	NA	NA	NA	NA	100.0	100.0	1.0
Oklahoma	100.0	51.5	NA	100.0	49.6	7.5	100.0	50.0	7.9
Oregon	100.0	NA	NA	NA	NA	NA	100.0	94.9	15.6
Pennsylvania	86.7	36.9	NA	85.6	NA	1.4	86.2	37.9	1.1
Rhode Island	100.0	51.9	4.0	100.0	51.5	3.9	100.0	52.9	4.8
South Carolina	100.0	89.9	35.9	NA	91.0	36.1	100.0	91.6	38.5
South Dakota	100.0	NA	NA	100.0	80.6	5.9	100.0	81.4	5.6
Tennessee	NA	NA	24.6	NA	NA	NA	100.0	89.9	22.8
Texas	NA	NA	NA	99.8	NA	29.4	99.9	72.6	32.0
Utah	100.0	67.1	2.8	NA	NA	NA	100.0	68.1	2.7
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	NA	54.9	NA	NA	49.9	NA	89.6	52.1	10.8
Washington	NA	NA	NA	100.0	85.6	NA	100.0	86.4	6.6
West Virginia	NA	58.6	2.7	100.0	57.3	NA	100.0	56.8	3.4
Wisconsin	100.0	NA	NA	100.0	74.1	16.6	100.0	75.6	17.3
Wyoming	69.0	57.9	NA	69.5	57.4	NA	70.1	58.3	1.1
Total	96.5	67.0	13.2	96.2	66.0	13.0	96.0	67.1	13.3

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2019-2021 – continued

State	2021								
	June			May			April		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	74.3	25.1	100.0	75.1	25.5	100.0	77.5	25.7
Alaska	100.0	99.7	29.8	100.0	99.6	41.1	100.0	99.7	NA
Arizona	100.0	82.1	22.8	100.0	78.0	20.6	100.0	82.5	24.7
Arkansas	100.0	23.2	1.0	NA	NA	1.1	100.0	35.8	1.3
California	95.4	49.9	4.1	NA	NA	4.7	NA	NA	4.8
Colorado	100.0	90.1	5.9	100.0	91.8	9.3	100.0	93.2	NA
Connecticut	95.5	73.1	44.6	95.6	72.9	45.9	95.8	76.2	NA
Delaware	100.0	24.0	NA	100.0	29.1	NA	100.0	34.6	0.3
District of Columbia	71.9	16.7	0.0	71.4	18.9	0.0	73.5	NA	0.0
Florida	91.6	29.7	2.9	NA	30.8	NA	91.7	31.2	3.4
Georgia	100.0	100.0	21.1	100.0	100.0	20.8	100.0	100.0	20.5
Hawaii	100.0	100.0	100.0	100.0	100.0	NA	100.0	100.0	100.0
Idaho	100.0	56.5	3.6	100.0	66.8	3.7	100.0	73.4	3.5
Illinois	NA	NA	NA	87.0	NA	4.5	87.3	33.4	NA
Indiana	NA	49.8	NA	96.5	58.8	NA	95.9	62.7	NA
Iowa	100.0	50.3	2.0	100.0	51.8	2.5	100.0	60.9	2.3
Kansas	100.0	NA	10.9	100.0	28.4	6.3	100.0	43.9	NA
Kentucky	97.5	70.1	16.2	NA	NA	16.9	97.3	74.6	NA
Louisiana	NA	NA	1.9	NA	69.8	2.1	100.0	74.8	2.2
Maine	100.0	NA	6.1	100.0	58.9	NA	100.0	63.6	11.4
Maryland	76.4	19.5	2.3	75.9	18.4	2.5	77.4	25.5	NA
Massachusetts	98.2	29.6	21.4	98.2	36.0	23.4	98.2	39.7	25.4
Michigan	95.0	40.3	3.2	94.5	52.3	4.5	94.9	55.0	NA
Minnesota	100.0	76.3	12.4	100.0	82.2	14.9	100.0	87.2	14.5
Mississippi	100.0	74.0	6.9	100.0	71.2	6.6	100.0	NA	8.2
Missouri	98.0	61.0	8.9	100.0	68.0	10.0	100.0	71.4	11.4
Montana	99.7	NA	0.9	99.7	44.8	1.2	99.7	50.3	1.8
Nebraska	NA	NA	4.0	85.8	52.3	NA	86.6	55.8	5.2
Nevada	100.0	57.4	NA	100.0	55.0	17.3	100.0	62.4	16.5
New Hampshire	100.0	53.4	7.0	100.0	56.5	6.0	100.0	58.9	7.4
New Jersey	97.3	30.9	1.9	97.2	35.0	NA	97.2	46.0	NA
New Mexico	100.0	57.7	NA	100.0	61.0	15.0	100.0	NA	14.4
New York	100.0	100.0	4.1	100.0	100.0	4.3	100.0	100.0	6.2
North Carolina	100.0	80.1	10.9	100.0	81.2	11.2	100.0	83.6	12.8
North Dakota	100.0	90.1	39.1	100.0	91.8	37.7	100.0	93.0	35.3
Ohio	NA	100.0	0.6	100.0	100.0	0.6	100.0	100.0	NA
Oklahoma	100.0	34.9	7.1	100.0	42.3	5.6	100.0	45.2	6.4
Oregon	100.0	93.2	16.2	100.0	94.6	16.5	100.0	94.4	16.7
Pennsylvania	85.4	26.0	NA	86.7	30.4	NA	86.7	33.3	1.2
Rhode Island	100.0	48.6	3.4	100.0	47.4	3.6	100.0	49.2	3.5
South Carolina	100.0	86.0	34.1	100.0	86.3	37.0	100.0	88.4	35.7
South Dakota	100.0	NA	1.5	100.0	77.9	2.6	100.0	NA	NA
Tennessee	100.0	77.8	24.4	100.0	85.3	23.6	100.0	88.2	22.7
Texas	99.3	65.2	31.0	99.6	61.5	30.6	99.7	68.7	NA
Utah	100.0	49.8	2.4	100.0	65.2	2.6	100.0	68.6	3.0
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	NA	39.6	NA	NA	43.5	NA	87.5	50.2	17.0
Washington	100.0	78.7	5.2	NA	NA	NA	100.0	84.2	6.0
West Virginia	NA	28.8	2.9	100.0	42.3	2.8	100.0	51.5	2.9
Wisconsin	100.0	52.4	7.4	100.0	50.2	9.6	100.0	NA	NA
Wyoming	71.0	53.7	1.1	69.3	56.1	NA	70.0	58.9	NA
Total	96.1	57.0	12.9	96.2	60.0	13.1	96.3	64.8	13.4

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2019-2021 – continued

State	2021								
	March			February			January		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	83.6	26.1	100.0	85.2	26.1	100.0	84.0	25.2
Alaska	100.0	99.7	39.2	100.0	99.7	34.4	100.0	99.6	36.1
Arizona	100.0	84.5	25.2	100.0	70.7	NA	100.0	75.2	21.8
Arkansas	100.0	53.2	1.8	100.0	54.0	2.2	100.0	50.2	1.9
California	95.7	57.1	5.2	95.5	57.5	6.1	95.8	55.6	4.7
Colorado	100.0	95.0	13.1	100.0	94.9	9.5	100.0	95.1	11.2
Connecticut	96.7	78.6	55.2	96.8	79.0	51.4	96.8	80.2	50.2
Delaware	100.0	45.0	0.4	100.0	42.3	0.3	100.0	40.7	0.3
District of Columbia	75.3	21.3	0.0	76.1	23.9	0.0	76.0	22.9	0.0
Florida	92.1	31.3	3.4	92.8	31.9	4.0	93.0	31.4	3.9
Georgia	100.0	100.0	20.2	100.0	100.0	22.6	100.0	100.0	20.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	80.4	3.5	100.0	83.8	3.6	100.0	82.9	3.4
Illinois	85.7	NA	NA	89.9	42.6	13.0	89.8	40.5	8.8
Indiana	96.3	66.5	2.1	96.5	71.2	2.8	95.8	70.2	2.2
Iowa	100.0	65.1	3.2	100.0	72.1	4.1	100.0	70.9	3.4
Kansas	100.0	54.8	1.9	100.0	65.0	NA	100.0	62.4	1.5
Kentucky	96.5	78.9	16.6	97.6	83.2	16.8	97.7	83.0	16.0
Louisiana	100.0	80.1	1.8	100.0	79.3	3.4	100.0	77.0	2.8
Maine	100.0	68.9	12.2	100.0	70.7	11.9	100.0	69.0	9.3
Maryland	77.9	28.6	4.1	78.9	32.7	3.6	79.3	34.6	4.4
Massachusetts	98.3	45.4	29.6	98.4	38.3	25.8	98.3	44.3	28.1
Michigan	94.2	60.2	NA	95.1	65.0	9.3	95.1	63.9	9.5
Minnesota	100.0	89.4	15.5	100.0	91.1	23.5	100.0	91.4	20.4
Mississippi	100.0	83.6	9.5	NA	82.9	8.1	NA	NA	8.6
Missouri	100.0	81.4	15.8	100.0	77.1	15.6	100.0	78.5	15.8
Montana	99.7	60.5	2.3	99.7	52.4	2.4	99.7	52.9	1.7
Nebraska	88.6	60.1	NA	87.9	60.7	6.5	88.5	61.0	5.5
Nevada	100.0	77.4	20.2	100.0	69.6	22.9	100.0	70.3	23.7
New Hampshire	100.0	62.0	10.9	100.0	62.0	12.0	100.0	61.6	10.3
New Jersey	97.1	49.1	NA	97.1	51.1	12.8	97.0	50.1	11.0
New Mexico	100.0	63.4	10.1	100.0	65.3	10.9	100.0	61.9	9.9
New York	100.0	100.0	7.4	100.0	100.0	8.0	100.0	100.0	7.7
North Carolina	100.0	86.1	13.7	100.0	89.9	16.7	100.0	90.2	15.2
North Dakota	100.0	93.7	34.7	100.0	95.3	32.5	100.0	95.0	35.4
Ohio	100.0	100.0	1.0	100.0	100.0	1.3	100.0	100.0	1.1
Oklahoma	100.0	62.9	NA	100.0	51.4	8.0	100.0	52.1	7.1
Oregon	100.0	95.8	NA	100.0	96.1	17.8	100.0	NA	17.6
Pennsylvania	86.6	38.4	1.9	86.8	39.3	1.8	86.8	39.4	1.7
Rhode Island	100.0	52.4	4.4	100.0	54.0	4.2	100.0	53.6	4.4
South Carolina	100.0	88.5	38.9	100.0	92.7	34.3	100.0	92.5	35.0
South Dakota	100.0	83.0	5.5	100.0	80.6	NA	100.0	80.1	4.0
Tennessee	NA	NA	26.3	100.0	93.0	26.7	100.0	92.6	24.1
Texas	99.9	75.9	31.5	99.9	78.0	26.5	NA	NA	29.1
Utah	100.0	69.4	3.1	100.0	63.1	2.7	100.0	72.8	2.9
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	90.6	56.6	NA	90.9	60.8	13.6	90.5	59.8	14.6
Washington	100.0	87.7	8.4	100.0	90.1	7.9	100.0	NA	NA
West Virginia	100.0	61.7	2.7	100.0	67.6	2.8	100.0	65.2	2.4
Wisconsin	100.0	66.5	17.7	100.0	77.6	21.3	100.0	76.4	20.7
Wyoming	68.7	59.6	NA	68.3	58.1	1.5	68.5	57.6	NA
Total	96.4	67.9	13.6	96.7	70.1	12.6	96.7	70.4	13.4

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2019-2021 – continued

State	2020								
	Total			December			November		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	77.4	23.4	100.0	78.7	24.7	100.0	72.8	22.5
Alaska	100.0	NA	NA	100.0	99.8	37.2	100.0	99.8	37.4
Arizona	100.0	72.1	21.0	100.0	73.6	20.0	100.0	70.5	20.5
Arkansas	100.0	36.5	NA	100.0	41.8	1.5	100.0	33.3	1.7
California	NA	50.7	4.4	95.7	56.8	5.2	96.3	53.8	4.9
Colorado	100.0	94.2	8.5	100.0	95.8	11.2	100.0	95.1	9.7
Connecticut	NA	NA	NA	96.2	78.6	48.5	NA	NA	NA
Delaware	NA	NA	NA	100.0	33.8	NA	100.0	26.7	0.3
District of Columbia	73.9	NA	0.0	73.7	21.5	0.0	73.8	17.9	0.0
Florida	NA	NA	NA	91.4	30.1	3.1	91.2	29.3	3.5
Georgia	NA	100.0	NA	100.0	100.0	20.2	100.0	100.0	23.6
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	76.7	3.3	100.0	84.3	3.5	100.0	79.9	3.7
Illinois	88.2	34.4	NA	90.7	41.2	7.9	90.7	33.2	5.3
Indiana	96.4	64.9	1.5	96.9	69.1	2.1	96.7	67.5	1.5
Iowa	NA	63.9	NA	100.0	69.8	3.6	100.0	64.0	NA
Kansas	NA	47.8	NA	100.0	59.6	1.7	100.0	47.6	3.0
Kentucky	97.7	78.3	16.3	98.3	83.6	16.5	98.5	77.5	16.9
Louisiana	NA	NA	NA	100.0	74.4	2.4	100.0	67.9	2.5
Maine	NA	NA	NA	100.0	65.5	9.0	100.0	62.8	8.0
Maryland	77.6	26.3	NA	78.5	35.0	NA	79.0	26.2	3.6
Massachusetts	NA	NA	NA	98.4	43.2	27.3	NA	37.4	NA
Michigan	94.6	58.1	NA	95.4	64.5	9.2	94.8	59.2	NA
Minnesota	NA	NA	NA	100.0	91.3	18.9	100.0	88.5	21.9
Mississippi	NA	NA	9.0	100.0	85.9	8.8	100.0	78.6	7.8
Missouri	100.0	NA	11.9	100.0	74.4	13.3	100.0	69.5	11.3
Montana	NA	NA	1.3	99.7	51.4	1.7	99.7	50.4	1.7
Nebraska	87.8	55.4	NA	87.4	58.5	5.2	86.0	53.8	4.9
Nevada	100.0	62.2	NA	100.0	68.8	22.9	100.0	62.1	NA
New Hampshire	100.0	59.7	6.6	100.0	59.9	9.5	100.0	56.3	5.9
New Jersey	96.8	42.9	NA	97.0	45.6	8.3	97.0	40.6	4.5
New Mexico	NA	NA	NA	100.0	56.9	12.6	100.0	53.6	16.1
New York	100.0	100.0	NA	100.0	100.0	5.6	100.0	100.0	3.5
North Carolina	NA	NA	12.0	100.0	90.0	13.7	100.0	NA	12.8
North Dakota	100.0	93.9	NA	100.0	95.2	35.5	100.0	94.2	NA
Ohio	NA	NA	NA	100.0	100.0	1.1	100.0	100.0	NA
Oklahoma	100.0	43.9	NA	100.0	41.8	7.1	100.0	39.1	6.9
Oregon	NA	NA	NA	100.0	96.5	17.4	100.0	96.0	18.1
Pennsylvania	86.1	NA	1.1	87.2	38.2	1.5	87.1	34.6	0.8
Rhode Island	100.0	51.6	NA	100.0	53.0	4.7	100.0	49.6	3.8
South Carolina	NA	90.5	36.1	100.0	92.5	36.0	100.0	90.8	36.3
South Dakota	100.0	78.2	4.2	100.0	79.4	4.1	100.0	77.2	3.8
Tennessee	NA	NA	NA	100.0	91.6	24.1	100.0	84.9	23.2
Texas	NA	NA	30.1	99.9	77.5	31.6	99.9	67.3	30.8
Utah	NA	NA	NA	100.0	71.9	2.9	100.0	64.4	2.6
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	NA	NA	NA	91.8	60.8	14.0	90.1	NA	13.1
Washington	100.0	85.5	NA	100.0	89.0	7.6	100.0	88.6	7.1
West Virginia	100.0	52.9	NA	100.0	62.5	2.2	100.0	50.3	2.9
Wisconsin	100.0	NA	16.2	100.0	76.3	17.8	100.0	72.7	19.1
Wyoming	NA	NA	NA	68.5	58.6	1.5	68.0	56.4	0.5
Total	96.3	64.6	13.0	96.8	69.6	13.7	96.8	65.4	13.2

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2019-2021 – continued

State	2020								
	October			September			August		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	68.7	22.0	100.0	69.6	21.3	100.0	72.1	21.5
Alaska	100.0	99.8	41.1	100.0	99.7	43.6	100.0	99.7	43.1
Arizona	100.0	67.8	19.2	100.0	68.6	19.5	100.0	66.1	18.9
Arkansas	100.0	25.1	1.5	100.0	22.7	NA	100.0	21.3	1.4
California	95.6	47.4	4.4	95.1	42.5	4.2	95.3	45.2	3.6
Colorado	100.0	94.2	7.5	100.0	91.8	6.8	100.0	90.4	6.3
Connecticut	95.0	NA	NA	95.6	70.7	43.4	96.2	68.6	45.2
Delaware	100.0	21.9	0.4	100.0	17.1	0.3	100.0	18.7	0.2
District of Columbia	72.6	16.7	0.0	69.4	NA	0.0	65.5	17.2	0.0
Florida	92.3	28.6	NA	92.9	NA	NA	NA	NA	NA
Georgia	100.0	100.0	20.5	100.0	100.0	20.6	100.0	100.0	NA
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	74.3	2.9	100.0	62.5	3.0	100.0	57.2	3.2
Illinois	91.1	32.4	5.0	90.5	21.1	NA	81.7	20.1	NA
Indiana	95.1	61.6	1.3	96.3	58.5	0.9	95.9	50.1	0.7
Iowa	100.0	66.0	3.0	100.0	52.5	2.4	100.0	46.3	1.9
Kansas	100.0	42.1	4.3	100.0	24.2	10.3	NA	20.8	16.3
Kentucky	98.8	73.7	16.0	98.3	66.9	13.6	98.2	65.1	17.0
Louisiana	100.0	69.9	NA	100.0	NA	NA	100.0	76.4	NA
Maine	NA	NA	6.3	100.0	48.6	NA	100.0	46.5	5.7
Maryland	78.2	22.8	2.6	76.7	14.0	1.4	76.4	15.2	NA
Massachusetts	NA	28.9	NA	98.3	23.9	19.3	98.1	NA	18.1
Michigan	94.9	53.0	3.8	94.7	42.3	4.0	94.8	34.5	2.4
Minnesota	100.0	89.1	22.4	100.0	73.0	NA	100.0	76.6	NA
Mississippi	100.0	77.2	10.0	100.0	72.7	9.5	100.0	73.9	8.8
Missouri	100.0	62.3	9.0	100.0	58.1	8.3	100.0	NA	7.6
Montana	NA	NA	0.5	99.6	27.9	0.6	99.6	28.3	0.4
Nebraska	88.9	49.4	4.4	88.8	44.6	3.8	89.5	42.1	3.9
Nevada	100.0	54.7	12.3	100.0	52.5	9.3	100.0	50.2	8.5
New Hampshire	100.0	52.0	3.7	100.0	50.9	3.3	100.0	53.0	2.8
New Jersey	97.0	33.6	NA	96.8	29.3	NA	96.9	29.5	2.2
New Mexico	99.9	47.5	16.0	100.0	52.0	16.6	100.0	52.4	17.7
New York	100.0	100.0	NA	100.0	100.0	NA	100.0	100.0	2.8
North Carolina	100.0	79.7	10.6	100.0	79.9	10.1	100.0	79.4	10.0
North Dakota	100.0	94.6	34.7	100.0	92.2	36.5	100.0	89.8	40.3
Ohio	100.0	100.0	0.9	100.0	100.0	0.6	100.0	100.0	0.5
Oklahoma	100.0	23.5	6.4	100.0	28.0	7.4	100.0	26.5	7.4
Oregon	100.0	95.0	16.1	100.0	92.7	15.5	100.0	93.7	14.8
Pennsylvania	86.5	29.2	0.5	85.6	31.7	0.4	86.7	23.6	0.5
Rhode Island	100.0	50.2	3.3	100.0	51.6	2.6	100.0	53.8	NA
South Carolina	100.0	88.5	36.6	100.0	88.2	35.3	100.0	88.5	36.9
South Dakota	100.0	69.8	2.5	100.0	65.2	1.3	100.0	63.6	1.3
Tennessee	100.0	80.8	21.5	100.0	79.4	20.6	100.0	77.8	21.1
Texas	NA	68.1	30.9	99.3	58.1	31.5	98.3	58.9	29.5
Utah	100.0	52.8	2.7	100.0	51.5	2.2	100.0	47.1	NA
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.7	46.8	13.1	88.4	39.2	NA	87.2	40.8	NA
Washington	100.0	86.1	NA	100.0	79.2	NA	100.0	78.7	3.7
West Virginia	100.0	41.3	3.0	100.0	34.3	3.5	100.0	28.2	3.3
Wisconsin	100.0	NA	18.0	100.0	59.2	11.6	100.0	50.6	10.5
Wyoming	71.0	57.8	0.8	70.5	55.7	NA	NA	NA	0.5
Total	96.6	60.6	13.0	96.6	54.8	13.2	95.9	54.3	12.4

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2019-2021 – continued

State	2020								
	July			June			May		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	74.0	23.5	100.0	73.0	24.3	100.0	71.5	23.9
Alaska	100.0	99.6	NA	100.0	NA	42.6	100.0	NA	37.8
Arizona	100.0	67.8	17.9	100.0	69.1	19.6	100.0	70.8	29.4
Arkansas	100.0	22.1	1.2	100.0	22.8	1.3	100.0	27.2	1.6
California	95.4	48.1	3.8	95.3	47.8	3.8	95.4	44.0	4.2
Colorado	100.0	90.2	5.7	100.0	90.4	5.0	100.0	91.5	7.8
Connecticut	94.3	71.8	44.3	95.9	71.1	43.9	96.4	76.1	46.6
Delaware	100.0	19.8	0.1	100.0	23.8	0.2	100.0	30.7	0.2
District of Columbia	70.5	11.7	0.0	74.2	13.4	0.0	72.3	16.4	0.0
Florida	93.1	27.6	3.9	NA	27.8	4.3	NA	NA	NA
Georgia	100.0	100.0	24.3	100.0	100.0	21.0	NA	100.0	NA
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	54.7	3.3	100.0	63.2	3.4	100.0	65.4	3.7
Illinois	86.7	21.2	6.8	83.8	20.6	NA	84.8	28.5	5.7
Indiana	96.0	50.1	0.7	95.9	50.0	0.8	96.4	56.9	1.0
Iowa	NA	40.7	2.1	100.0	46.5	2.6	100.0	53.6	1.9
Kansas	100.0	21.1	16.4	100.0	26.8	14.3	100.0	26.6	10.9
Kentucky	98.2	67.5	16.0	97.0	65.8	14.3	95.7	68.6	17.3
Louisiana	100.0	NA	2.5	100.0	75.8	3.0	100.0	68.8	3.1
Maine	100.0	47.8	5.8	100.0	59.5	4.5	100.0	60.7	6.1
Maryland	76.3	23.1	2.4	74.7	18.6	1.5	76.4	19.8	4.3
Massachusetts	98.0	21.7	19.8	97.7	26.2	23.3	97.8	32.6	21.2
Michigan	96.2	40.5	3.4	96.1	42.1	3.2	93.9	49.7	7.0
Minnesota	100.0	72.6	14.9	NA	NA	18.3	100.0	83.6	15.7
Mississippi	100.0	73.5	7.8	100.0	71.2	8.2	100.0	73.4	8.2
Missouri	100.0	59.0	8.3	100.0	53.4	9.6	100.0	65.5	11.0
Montana	99.6	34.1	0.4	99.6	30.2	0.7	99.7	39.7	0.9
Nebraska	89.8	43.0	3.8	89.6	45.3	5.1	86.9	49.6	5.4
Nevada	100.0	48.6	8.6	100.0	57.1	11.9	100.0	64.2	10.6
New Hampshire	100.0	50.2	3.6	100.0	55.1	5.0	100.0	58.5	6.4
New Jersey	96.9	29.9	NA	96.1	47.4	3.1	97.0	35.9	6.0
New Mexico	100.0	55.2	16.7	100.0	57.3	12.3	100.0	61.5	NA
New York	100.0	100.0	3.4	100.0	100.0	4.0	100.0	100.0	5.0
North Carolina	NA	76.4	9.5	NA	NA	9.6	100.0	78.4	11.1
North Dakota	100.0	88.9	38.6	100.0	88.9	44.9	100.0	91.4	40.5
Ohio	100.0	100.0	0.4	NA	NA	0.5	100.0	100.0	0.8
Oklahoma	100.0	32.6	NA	100.0	33.7	7.3	100.0	40.2	7.3
Oregon	100.0	91.9	14.5	NA	NA	NA	100.0	92.6	14.5
Pennsylvania	85.8	23.8	0.4	85.3	NA	0.5	86.0	NA	0.8
Rhode Island	100.0	53.2	3.5	100.0	48.0	3.7	100.0	48.3	3.5
South Carolina	100.0	87.8	35.8	NA	88.3	34.4	100.0	87.7	35.1
South Dakota	100.0	64.8	1.5	100.0	70.4	2.6	100.0	75.5	4.3
Tennessee	100.0	80.0	18.7	100.0	81.4	20.9	NA	NA	NA
Texas	98.5	63.2	30.4	98.9	NA	31.5	99.4	60.3	30.7
Utah	100.0	51.0	2.1	100.0	52.6	2.2	100.0	52.6	2.1
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.7	40.2	12.5	87.8	35.0	12.8	NA	42.9	NA
Washington	100.0	76.7	4.6	100.0	81.2	5.3	100.0	81.5	4.5
West Virginia	100.0	30.7	3.0	100.0	36.3	3.5	100.0	42.4	3.6
Wisconsin	100.0	47.2	13.9	100.0	53.7	9.2	100.0	63.9	14.3
Wyoming	73.3	53.9	0.7	71.5	53.5	0.6	70.1	53.3	0.9
Total	96.3	55.7	12.8	95.9	56.6	12.9	95.7	59.0	13.2

^R Revised data.

– Not applicable.

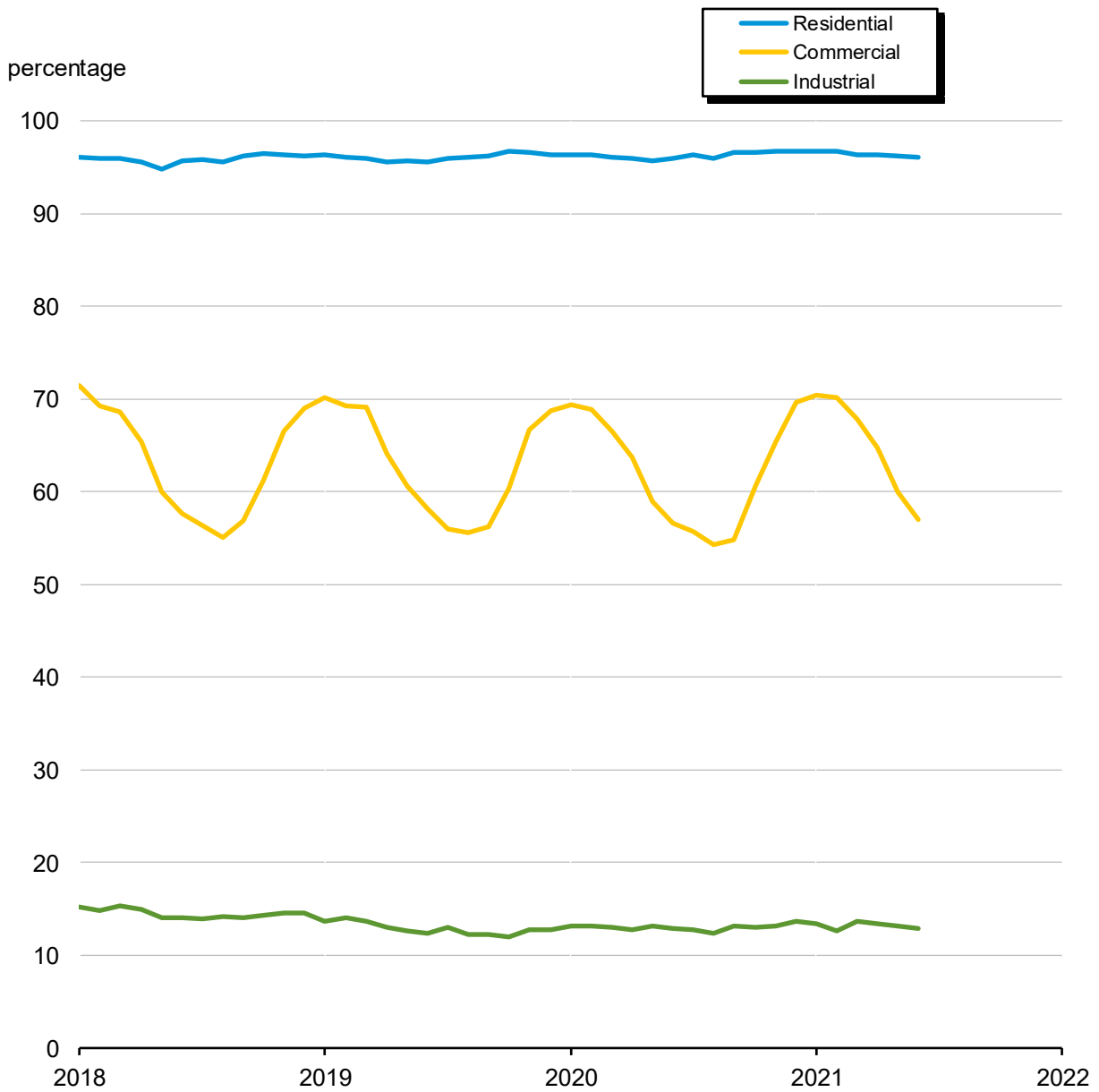
^{NA} Not available.

Notes: 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. See Appendix C, Statistical Considerations, for a discussion of the computation of natural gas prices.

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*.

Figure 6. Percentage of total deliveries included in residential, commercial, and industrial price estimates, 2018-2021

Figure 6



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, 2019-2021

(Btu per cubic foot)

State	2021	2020	2019	2021			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	1,029	1,028	1,024	1,030	1,030	1,029	1,027
Alaska	992	987	981	965	1,017	1,005	998
Arizona	1,034	1,032	1,035	1,034	1,030	1,029	1,039
Arkansas	1,018	1,020	1,017	1,019	1,016	1,018	1,018
California	1,034	1,036	1,032	1,030	1,030	1,033	1,035
Colorado	1,062	1,078	1,084	1,079	1,074	1,059	1,055
Connecticut	1,030	1,030	1,029	1,028	1,027	1,028	1,030
Delaware	1,035	1,036	1,039	1,036	1,035	1,034	1,035
District of Columbia	1,037	1,037	1,042	1,028	1,027	1,030	1,034
Florida	1,026	1,026	1,022	1,026	1,026	1,024	1,026
Georgia	1,029	1,028	1,023	1,029	1,027	1,026	1,027
Hawaii	917	955	953	917	918	918	918
Idaho	1,020	1,028	1,031	1,013	1,015	1,027	1,020
Illinois	1,043	1,041	1,033	1,039	1,042	1,043	1,043
Indiana	1,056	1,051	1,048	1,057	1,057	1,057	1,056
Iowa	1,069	1,066	1,059	1,079	1,073	1,071	1,064
Kansas	1,037	1,040	1,039	1,030	1,043	1,037	1,036
Kentucky	1,050	1,051	1,048	1,046	1,046	1,057	1,050
Louisiana	1,020	1,021	1,023	1,019	1,020	1,019	1,019
Maine	1,040	1,041	1,041	1,035	1,036	1,037	1,041
Maryland	1,040	1,042	1,047	1,035	1,035	1,036	1,038
Massachusetts	1,030	1,032	1,032	1,029	1,028	1,028	1,029
Michigan	1,056	1,061	1,053	1,057	1,058	1,055	1,056
Minnesota	1,055	1,042	1,046	1,061	1,059	1,057	1,055
Mississippi	1,030	1,030	1,028	1,033	1,036	1,028	1,027
Missouri	1,021	1,023	1,023	1,023	1,022	1,021	1,021
Montana	1,043	1,047	1,048	1,047	1,044	1,043	1,042
Nebraska	1,053	1,063	1,063	1,067	1,059	1,054	1,045
Nevada	1,040	1,041	1,038	1,037	1,038	1,038	1,040
New Hampshire	1,033	1,035	1,034	1,028	1,028	1,030	1,033
New Jersey	1,040	1,036	1,041	1,037	1,036	1,038	1,040
New Mexico	1,033	1,033	1,026	1,033	1,029	1,029	1,038
New York	1,033	1,033	1,033	1,031	1,030	1,032	1,033
North Carolina	1,034	1,032	1,029	1,035	1,035	1,033	1,032
North Dakota	1,068	1,071	1,086	1,055	1,068	1,068	1,074
Ohio	1,069	1,066	1,064	1,069	1,069	1,068	1,068
Oklahoma	1,030	1,032	1,026	1,027	1,026	1,026	1,030
Oregon	1,053	1,052	1,054	1,056	1,055	1,049	1,051
Pennsylvania	1,036	1,038	1,038	1,035	1,036	1,035	1,036
Rhode Island	1,029	1,030	1,028	1,029	1,029	1,030	1,029
South Carolina	1,032	1,029	1,025	1,033	1,032	1,030	1,032
South Dakota	1,080	1,079	1,067	1,079	1,079	1,082	1,077
Tennessee	1,030	1,028	1,027	1,021	1,027	1,033	1,032
Texas	1,021	1,022	1,023	1,020	1,019	1,018	1,022
Utah	1,047	1,049	1,043	1,046	1,048	1,048	1,046
Vermont	1,044	1,043	1,038	1,036	1,037	1,038	1,044
Virginia	1,050	1,050	1,054	1,043	1,050	1,050	1,046
Washington	1,083	1,083	1,085	1,089	1,076	1,086	1,085
West Virginia	1,090	1,086	1,091	1,097	1,073	1,093	1,092
Wisconsin	1,046	1,044	1,043	1,043	1,047	1,047	1,046
Wyoming	1,059	1,075	1,070	1,056	1,062	1,060	1,059
Total	1,037	1,038	1,037	1,034	1,035	1,036	1,038

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2019-2021
(Btu per cubic foot) – continued

State	2021			2020			
	February	January	Total	December	November	October	September
Alabama	1,027	1,029	1,030	1,032	1,031	1,031	1,032
Alaska	985	983	991	982	985	997	1,009
Arizona	1,037	1,034	1,029	1,034	1,023	1,022	1,029
Arkansas	1,018	1,019	1,019	1,019	1,019	1,020	1,019
California	1,038	1,037	1,033	1,035	1,035	1,030	1,029
Colorado	1,058	1,058	1,077	1,066	1,070	1,075	1,082
Connecticut	1,032	1,032	1,030	1,032	1,031	1,029	1,029
Delaware	1,035	1,036	1,035	1,037	1,036	1,034	1,037
District of Columbia	1,043	1,043	1,036	1,039	1,033	1,029	1,028
Florida	1,027	1,026	1,026	1,028	1,027	1,027	1,028
Georgia	1,031	1,030	1,030	1,035	1,030	1,030	1,032
Hawaii	916	916	937	919	916	918	914
Idaho	1,023	1,019	1,025	1,022	1,022	1,033	1,018
Illinois	1,044	1,043	1,040	1,042	1,041	1,039	1,034
Indiana	1,055	1,055	1,053	1,056	1,056	1,059	1,058
Iowa	1,063	1,071	1,070	1,072	1,079	1,076	1,080
Kansas	1,040	1,034	1,037	1,035	1,034	1,031	1,036
Kentucky	1,051	1,052	1,050	1,053	1,049	1,048	1,053
Louisiana	1,025	1,020	1,022	1,019	1,020	1,024	1,021
Maine	1,042	1,044	1,039	1,042	1,037	1,033	1,038
Maryland	1,045	1,047	1,040	1,045	1,035	1,034	1,036
Massachusetts	1,032	1,032	1,031	1,031	1,029	1,029	1,029
Michigan	1,056	1,057	1,059	1,058	1,057	1,060	1,059
Minnesota	1,054	1,050	1,051	1,056	1,051	1,066	1,070
Mississippi	1,029	1,028	1,030	1,028	1,027	1,034	1,035
Missouri	1,021	1,021	1,023	1,021	1,021	1,020	1,024
Montana	1,041	1,043	1,047	1,046	1,044	1,054	1,048
Nebraska	1,050	1,050	1,062	1,061	1,056	1,058	1,064
Nevada	1,043	1,042	1,039	1,045	1,045	1,037	1,035
New Hampshire	1,039	1,038	1,033	1,035	1,031	1,029	1,030
New Jersey	1,042	1,042	1,037	1,041	1,038	1,036	1,035
New Mexico	1,035	1,032	1,027	1,027	1,019	1,018	1,018
New York	1,034	1,035	1,032	1,034	1,032	1,031	1,031
North Carolina	1,033	1,034	1,033	1,034	1,035	1,030	1,034
North Dakota	1,069	1,069	1,069	1,069	1,074	1,065	1,069
Ohio	1,069	1,070	1,067	1,072	1,072	1,070	1,064
Oklahoma	1,039	1,029	1,031	1,034	1,031	1,029	1,035
Oregon	1,053	1,053	1,053	1,052	1,054	1,060	1,055
Pennsylvania	1,037	1,037	1,037	1,038	1,036	1,037	1,037
Rhode Island	1,029	1,030	1,030	1,030	1,029	1,029	1,029
South Carolina	1,034	1,032	1,031	1,033	1,033	1,032	1,034
South Dakota	1,080	1,084	1,081	1,084	1,093	1,092	1,084
Tennessee	1,031	1,032	1,026	1,029	1,030	1,026	1,020
Texas	1,025	1,019	1,020	1,020	1,017	1,017	1,017
Utah	1,045	1,049	1,045	1,047	1,046	1,042	1,037
Vermont	1,049	1,048	1,041	1,047	1,038	1,034	1,038
Virginia	1,057	1,052	1,049	1,052	1,049	1,047	1,051
Washington	1,082	1,073	1,082	1,083	1,083	1,087	1,089
West Virginia	1,092	1,091	1,085	1,091	1,082	1,080	1,098
Wisconsin	1,050	1,040	1,044	1,044	1,045	1,053	1,046
Wyoming	1,056	1,061	1,070	1,065	1,068	1,058	1,061
Total	1,041	1,038	1,037	1,039	1,037	1,036	1,035

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2019-2021
(Btu per cubic foot) – continued

State	2020						
	August	July	June	May	April	March	February
Alabama	1,031	1,031	1,030	1,027	1,028	1,027	1,027
Alaska	994	1,015	990	1,011	981	981	981
Arizona	1,026	1,024	1,025	1,039	1,035	1,028	1,031
Arkansas	1,017	1,016	1,015	1,018	1,020	1,021	1,021
California	1,026	1,024	1,026	1,035	1,039	1,038	1,038
Colorado	1,090	1,089	1,083	1,079	1,080	1,073	1,077
Connecticut	1,029	1,029	1,028	1,029	1,030	1,030	1,032
Delaware	1,032	1,033	1,034	1,035	1,036	1,036	1,038
District of Columbia	1,030	1,032	1,025	1,030	1,033	1,036	1,041
Florida	1,025	1,026	1,023	1,025	1,028	1,026	1,025
Georgia	1,030	1,029	1,027	1,025	1,027	1,028	1,029
Hawaii	912	914	915	913	919	975	981
Idaho	1,017	1,014	1,026	1,028	1,030	1,029	1,028
Illinois	1,038	1,036	1,040	1,040	1,042	1,041	1,041
Indiana	1,057	1,050	1,053	1,051	1,052	1,052	1,048
Iowa	1,071	1,068	1,067	1,066	1,067	1,062	1,068
Kansas	1,034	1,031	1,033	1,045	1,044	1,039	1,040
Kentucky	1,043	1,046	1,048	1,045	1,050	1,057	1,054
Louisiana	1,025	1,021	1,021	1,020	1,024	1,023	1,020
Maine	1,034	1,030	1,033	1,036	1,042	1,043	1,046
Maryland	1,038	1,040	1,036	1,035	1,038	1,041	1,045
Massachusetts	1,029	1,029	1,028	1,028	1,029	1,030	1,035
Michigan	1,056	1,057	1,058	1,058	1,062	1,062	1,062
Minnesota	1,063	1,062	1,056	1,046	1,053	1,047	1,026
Mississippi	1,032	1,027	1,028	1,025	1,035	1,031	1,028
Missouri	1,022	1,021	1,022	1,024	1,023	1,025	1,023
Montana	1,048	1,043	1,045	1,048	1,053	1,045	1,046
Nebraska	1,063	1,064	1,062	1,064	1,067	1,064	1,063
Nevada	1,031	1,027	1,030	1,038	1,046	1,046	1,045
New Hampshire	1,031	1,030	1,030	1,030	1,032	1,034	1,038
New Jersey	1,036	1,035	1,034	1,031	1,035	1,034	1,037
New Mexico	1,025	1,024	1,025	1,036	1,038	1,031	1,030
New York	1,031	1,030	1,031	1,031	1,033	1,033	1,034
North Carolina	1,032	1,033	1,032	1,031	1,033	1,033	1,033
North Dakota	1,059	1,061	1,059	1,072	1,074	1,074	1,072
Ohio	1,064	1,061	1,064	1,066	1,067	1,065	1,066
Oklahoma	1,023	1,028	1,024	1,030	1,042	1,030	1,032
Oregon	1,058	1,051	1,053	1,043	1,042	1,052	1,060
Pennsylvania	1,037	1,038	1,038	1,037	1,038	1,038	1,037
Rhode Island	1,029	1,030	1,029	1,030	1,030	1,030	1,031
South Carolina	1,033	1,033	1,026	1,029	1,030	1,030	1,030
South Dakota	1,079	1,073	1,079	1,081	1,077	1,080	1,078
Tennessee	1,020	1,017	1,022	1,024	1,027	1,030	1,030
Texas	1,018	1,018	1,017	1,022	1,026	1,022	1,022
Utah	1,031	1,029	1,035	1,044	1,053	1,052	1,051
Vermont	1,035	1,030	1,033	1,035	1,041	1,043	1,048
Virginia	1,046	1,045	1,049	1,046	1,047	1,051	1,052
Washington	1,056	1,081	1,063	1,078	1,081	1,084	1,088
West Virginia	1,085	1,071	1,076	1,088	1,080	1,092	1,091
Wisconsin	1,043	1,034	1,037	1,043	1,048	1,041	1,047
Wyoming	1,067	1,060	1,068	1,075	1,082	1,074	1,075
Total	1,033	1,032	1,032	1,035	1,039	1,039	1,039

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2019-2021
(Btu per cubic foot) – continued

State	2020						2019
	January	Total	December	November	October	September	August
Alabama	1,029	1,028	1,030	1,031	1,030	1,031	1,031
Alaska	988	987	987	992	994	976	974
Arizona	1,033	1,032	1,030	1,029	1,029	1,030	1,032
Arkansas	1,021	1,018	1,021	1,019	1,021	1,020	1,019
California	1,039	1,034	1,038	1,039	1,041	1,038	1,038
Colorado	1,078	1,089	1,079	1,084	1,096	1,106	1,105
Connecticut	1,031	1,030	1,032	1,035	1,028	1,028	1,028
Delaware	1,036	1,041	1,034	1,036	1,037	1,036	1,040
District of Columbia	1,042	1,035	1,040	1,039	1,026	1,025	1,030
Florida	1,026	1,023	1,024	1,024	1,025	1,025	1,025
Georgia	1,030	1,026	1,028	1,027	1,027	1,029	1,028
Hawaii	984	952	984	973	924	967	936
Idaho	1,028	1,030	1,023	1,023	1,033	1,027	1,030
Illinois	1,041	1,033	1,041	1,041	1,038	1,036	1,034
Indiana	1,049	1,052	1,050	1,052	1,053	1,058	1,061
Iowa	1,067	1,066	1,071	1,077	1,077	1,078	1,077
Kansas	1,041	1,041	1,045	1,047	1,040	1,045	1,046
Kentucky	1,051	1,049	1,051	1,054	1,045	1,043	1,042
Louisiana	1,021	1,023	1,019	1,024	1,023	1,020	1,022
Maine	1,046	1,038	1,050	1,041	1,031	1,033	1,032
Maryland	1,047	1,044	1,048	1,045	1,036	1,036	1,040
Massachusetts	1,036	1,031	1,035	1,031	1,029	1,029	1,029
Michigan	1,060	1,057	1,061	1,062	1,062	1,066	1,061
Minnesota	1,029	1,056	1,048	1,028	1,063	1,060	1,065
Mississippi	1,031	1,029	1,029	1,031	1,032	1,030	1,027
Missouri	1,023	1,023	1,024	1,023	1,027	1,030	1,033
Montana	1,046	1,049	1,049	1,050	1,046	1,050	1,049
Nebraska	1,061	1,070	1,063	1,072	1,082	1,082	1,080
Nevada	1,043	1,043	1,044	1,045	1,048	1,047	1,048
New Hampshire	1,040	1,032	1,042	1,033	1,030	1,029	1,029
New Jersey	1,042	1,039	1,041	1,040	1,036	1,035	1,036
New Mexico	1,034	1,031	1,040	1,038	1,034	1,037	1,032
New York	1,034	1,032	1,034	1,033	1,030	1,030	1,030
North Carolina	1,031	1,031	1,030	1,034	1,033	1,030	1,032
North Dakota	1,071	1,099	1,072	1,068	1,077	1,061	1,059
Ohio	1,065	1,065	1,065	1,065	1,067	1,065	1,064
Oklahoma	1,036	1,033	1,043	1,045	1,032	1,035	1,048
Oregon	1,052	1,053	1,053	1,052	1,063	1,048	1,053
Pennsylvania	1,037	1,038	1,037	1,037	1,035	1,041	1,037
Rhode Island	1,031	1,029	1,032	1,031	1,029	1,029	1,028
South Carolina	1,029	1,027	1,028	1,030	1,030	1,029	1,029
South Dakota	1,078	1,084	1,081	1,082	1,080	1,076	1,078
Tennessee	1,030	1,030	1,028	1,028	1,027	1,021	1,021
Texas	1,022	1,025	1,024	1,024	1,023	1,024	1,028
Utah	1,050	1,046	1,049	1,046	1,048	1,051	1,050
Vermont	1,047	1,036	1,051	1,043	1,030	1,032	1,030
Virginia	1,052	1,051	1,053	1,050	1,051	1,046	1,050
Washington	1,087	1,086	1,088	1,090	901	1,091	1,086
West Virginia	1,084	1,084	1,088	1,084	1,085	1,091	1,092
Wisconsin	1,044	1,042	1,042	1,045	1,040	1,042	1,042
Wyoming	1,073	1,074	1,081	1,079	1,078	1,075	1,077
Total	1,039	1,038	1,040	1,040	1,036	1,037	1,038

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2019-2021
(Btu per cubic foot) – continued

State	2019						
	July	June	May	April	March	February	January
Alabama	1,027	1,027	1,026	1,023	1,021	1,021	1,025
Alaska	979	977	967	980	982	981	990
Arizona	1,030	1,031	1,032	1,035	1,036	1,037	1,036
Arkansas	1,021	1,018	1,015	1,017	1,016	1,018	1,018
California	1,035	1,031	1,031	1,032	1,031	1,033	1,032
Colorado	1,109	1,102	1,094	1,087	1,077	1,078	1,081
Connecticut	1,028	1,027	1,027	1,028	1,030	1,030	1,030
Delaware	1,035	1,037	1,037	1,038	1,039	1,040	1,041
District of Columbia	1,033	1,026	1,031	1,040	1,044	1,046	1,045
Florida	1,025	1,025	1,022	1,023	1,020	1,020	1,021
Georgia	1,027	1,023	1,023	1,021	1,021	1,022	1,026
Hawaii	917	954	963	958	946	961	938
Idaho	1,022	1,033	1,039	1,037	1,030	1,029	1,028
Illinois	1,033	1,032	1,032	1,032	1,033	1,034	1,035
Indiana	1,059	1,055	1,061	1,049	1,045	1,043	1,043
Iowa	1,080	1,075	1,063	1,060	1,054	1,054	1,055
Kansas	1,059	1,036	1,038	1,044	1,036	1,036	1,043
Kentucky	1,044	1,042	1,043	1,052	1,046	1,050	1,051
Louisiana	1,022	1,024	1,026	1,023	1,021	1,020	1,021
Maine	1,032	1,036	1,030	1,036	1,042	1,045	1,048
Maryland	1,039	1,036	1,039	1,045	1,050	1,050	1,050
Massachusetts	1,030	1,029	1,029	1,030	1,031	1,034	1,035
Michigan	1,058	1,058	1,057	1,053	1,051	1,053	1,052
Minnesota	1,059	1,055	1,055	1,053	1,043	1,026	1,047
Mississippi	1,033	1,029	1,032	1,030	1,030	1,023	1,023
Missouri	1,032	1,028	1,028	1,022	1,021	1,020	1,022
Montana	1,052	1,054	1,051	1,051	1,049	1,045	1,045
Nebraska	1,085	1,078	1,074	1,073	1,055	1,056	1,059
Nevada	1,048	1,042	1,039	1,039	1,034	1,039	1,035
New Hampshire	1,030	1,029	1,028	1,030	1,034	1,035	1,041
New Jersey	1,036	1,035	1,036	1,038	1,041	1,044	1,044
New Mexico	1,030	1,028	1,025	1,024	1,022	1,027	1,031
New York	1,031	1,030	1,030	1,032	1,033	1,034	1,034
North Carolina	1,032	1,031	1,029	1,030	1,029	1,027	1,027
North Dakota	1,065	1,084	1,085	1,092	1,087	1,089	1,079
Ohio	1,064	1,062	1,063	1,065	1,065	1,065	1,065
Oklahoma	1,034	1,028	1,025	1,027	1,027	1,030	1,022
Oregon	1,053	1,066	1,063	1,048	1,048	1,054	1,055
Pennsylvania	1,035	1,036	1,036	1,037	1,038	1,039	1,039
Rhode Island	1,029	1,028	1,028	1,028	1,028	1,028	1,029
South Carolina	1,028	1,027	1,027	1,025	1,022	1,021	1,026
South Dakota	1,074	1,077	1,073	1,067	1,064	1,064	1,062
Tennessee	1,021	1,020	1,023	1,032	1,027	1,027	1,029
Texas	1,029	1,026	1,022	1,024	1,022	1,021	1,024
Utah	1,049	1,043	1,044	1,046	1,043	1,041	1,042
Vermont	1,032	1,033	1,029	1,034	1,037	1,041	1,042
Virginia	1,049	1,048	1,049	1,053	1,057	1,056	1,055
Washington	1,090	1,087	1,083	1,084	1,083	1,086	1,087
West Virginia	1,098	1,100	1,112	1,091	1,087	1,088	1,085
Wisconsin	1,041	1,034	1,043	1,044	1,047	1,040	1,046
Wyoming	1,073	1,060	1,077	1,071	1,070	1,071	1,072
Total	1,037	1,035	1,035	1,036	1,037	1,037	1,038

Notes: 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. See Appendix A, Explanatory Note 11, for further information.

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*.

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
Additions to Storage	Reported on Form EIA-191
Exports	Derived from the Office of Fossil Energy
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 2020 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, 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 2016 through 2018 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.

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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 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 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 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 2021 for report year 2020 totaled approximately 2,115 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 number of producing gas wells, 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. From 2011 forward, the number of producing wells is from *World Oil Magazine*. 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, 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 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. 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 285 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.

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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*. (See Appendix B, “Data Sources,” for a description of 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 323 respondents in use for 2019 and 2020 was selected from a universe of 2,083 companies. These companies were respondents to the Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*, for reporting year 2018, who reported sales or deliveries to consumers in the residential, commercial, or industrial sectors. (See Appendix B for 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). See the Form EIA-910 description in Appendix B, "Data Sources," for details.

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),

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

Vm_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:

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

where:

$V_{.j}$ = the estimate of monthly gas volumes in a state for sector j ,

$\sigma_\epsilon^2 = \frac{\sum_{i=1}^n \sigma_{0i}^2}{(n-1)}$, 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:

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

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,

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

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

$\text{Cov}(V_j, R_j)$ = 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, June 2021

State	Volume Relative Standard Error (Percent)				Price (Dollars per Thousand Cubic Feet)		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	3.3	2.5	2.0	1.8	0.35	0.05	0.13
Alaska	1.6	2.3	0.0	0.7	0.09	0.22	0.00
Arizona	1.3	2.9	1.8	1.4	0.28	0.19	0.02
Arkansas	1.4	0.2	4.2	2.9	0.07	0.04	0.33
California	1.3	0.7	1.4	0.9	0.25	0.23	0.18
Colorado	1.2	1.3	2.9	1.6	0.16	0.10	0.12
Connecticut	0.7	1.1	1.1	0.6	0.16	0.33	0.01
Delaware	0.0	0.0	0.0	0.0	0.00	0.00	NA
District of Columbia	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Florida	2.4	1.0	0.8	0.6	0.63	0.52	0.16
Georgia	0.0	0.0	2.3	0.0	0.00	0.07	0.33
Hawaii	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Idaho	1.1	1.2	0.1	0.3	0.02	0.01	0.00
Illinois	0.9	1.9	3.8	2.0	0.00	NA	NA
Indiana	3.4	1.7	5.7	4.9	0.00	0.58	NA
Iowa	2.3	3.3	5.7	4.8	0.32	0.54	0.61
Kansas	3.9	NA	4.5	NA	0.54	0.37	0.40
Kentucky	1.8	1.9	1.6	1.3	0.60	0.19	0.18
Louisiana	6.9	5.1	0.9	0.9	NA	NA	0.47
Maine	NA	NA	3.2	NA	0.00	NA	0.14
Maryland	2.0	0.4	0.0	0.6	0.40	0.14	0.00
Massachusetts	1.4	1.2	3.5	1.3	0.20	0.13	0.12
Michigan	1.5	1.2	2.2	1.2	0.16	0.27	0.43
Minnesota	3.5	2.0	2.6	2.0	0.22	0.08	0.09
Mississippi	4.1	3.6	2.6	2.3	0.64	0.38	0.25
Missouri	2.2	2.1	1.9	1.2	0.14	0.05	0.19
Montana	1.8	0.8	0.1	0.3	0.15	NA	0.56
Nebraska	0.7	2.5	4.4	3.3	NA	NA	0.06
Nevada	0.0	0.2	NA	NA	0.00	0.00	0.07
New Hampshire	0.0	0.0	4.4	2.9	0.00	0.00	0.00
New Jersey	2.3	2.5	5.4	1.8	0.39	1.19	0.50
New Mexico	2.9	1.2	2.5	1.3	0.18	0.29	NA
New York	0.0	0.0	1.6	0.0	0.13	0.05	0.21
North Carolina	1.6	1.9	0.5	0.5	0.34	0.12	0.16
North Dakota	0.4	0.3	2.8	2.4	0.05	0.03	0.08
Ohio	0.0	0.0	1.9	0.0	NA	0.08	0.30
Oklahoma	3.9	2.4	3.6	3.0	0.23	0.53	0.10
Oregon	0.0	0.0	2.4	1.5	0.00	0.00	0.00
Pennsylvania	3.2	2.2	NA	NA	0.30	0.32	NA
Rhode Island	0.0	0.0	0.0	0.0	0.00	0.00	0.00
South Carolina	4.5	1.6	1.3	1.1	NA	0.27	0.12
South Dakota	4.5	2.5	2.7	2.4	0.57	NA	0.30
Tennessee	1.8	1.8	2.0	1.6	0.77	0.24	0.15
Texas	1.9	1.2	2.5	2.3	0.54	0.27	0.06
Utah	0.4	0.2	0.0	0.1	0.00	0.00	0.01
Vermont	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Virginia	1.8	1.6	NA	NA	0.00	0.25	0.21
Washington	1.9	1.8	2.3	1.4	0.12	0.01	0.02
West Virginia	7.7	2.8	1.8	1.6	NA	0.41	0.00
Wisconsin	3.5	5.5	2.4	1.9	NA	0.83	0.68
Wyoming	0.8	2.5	4.2	3.3	0.27	0.69	0.09
Total	0.4	0.4	0.8	0.5	0.00	0.06	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*.

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Glossary

Aquifer Storage Field: A sub-surface 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 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).

Btu Per Cubic Foot: The total heating value, expressed in Btu, produced by the combustion, at constant pressure, of the amount of the gas that would occupy a volume of 1 cubic foot at a temperature of 60 degrees F if saturated with water vapor and under a pressure equivalent to that of 30 inches of mercury at 32 degrees 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 gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption: Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, wholesale and retail stores and other service enterprises; and 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 sub-surface 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 (1) the volume returned to reservoirs in cycling, repressuring of oil reservoirs, and conservation operations; and (2) gas vented and flared. Processing losses include (1) nonhydrocarbon gases (e.g., water vapor, carbon dioxide, helium, hydrogen sulfide, and nitrogen) removed from the gas stream; and (2) gas converted to liquid form, such as lease condensate and plant liquids. Volumes of dry gas withdrawn from gas storage reservoirs are not considered part of production. Dry natural gas production equals marketed production less natural gas plant liquid production.

Electric Power Consumption: 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 – i.e., North American Industry Classification System 22 plants.

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.

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 manufacturing establishments or those engaged in mining or other mineral extraction as well as consumers in agriculture, forestry, and fisheries. Also included in industrial consumption are generators that produce electricity and/or useful thermal output primarily to support the above-mentioned industrial activities.

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

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

Lease and Plant Fuel: Natural gas used in well, field, lease operations (such as 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 degrees 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 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). Since the restructuring of the gas industry, the sale of gas and/or delivery arrangements may be handled by other agents, such as producers, brokers, and marketers that are referred to as "non-LDC."

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

Native Gas: 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, the primary one being methane. Note: The Energy Information Administration measures wet natural gas and its two sources of production, associated/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 local distribution companies, 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 a local distribution company, 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 a local distribution company.

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 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 for purposes of comparison 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: Gas consumed in the operation of pipelines, primarily in compressors.

Repressuring: The injection of gas into oil or gas formations to effect greater ultimate recovery.

Residential Consumption: 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 gas injected or otherwise added to underground natural gas reservoirs or liquefied natural gas storage.

Storage Withdrawals: Total volume of 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, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

Underground 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 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.