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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 March 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	234	£2,948	6	-248	571	20	3,296
February	£3,342	£2,959	212	£2,747	6	-216	535	-40	3,033
March	£3,561	£3,166	235	£2,931	6	-284	49	R6	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	R-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	-315	-4	-6	2,440
December	£3,508	£3,094	225	£2,869	6	-285	587	-18	3,158
Total	£40,690	£36,173	2,737	£33,436	64	R-2,730	-178	-110	30,482
2021									
January	RE3,506	RE3,100	232	RE2,868	5	R-279	707	R-15	R3,287
February	RE2,934	RE2,588	R170	£2,417	6	-155	781	R-12	3,037
March	£3,493	£3,092	229	£2,863	5	-356	59	37	2,608
2021 3-Month YTD	£9,933	£8,779	632	£8,148	16	-790	1,547	11	8,932
2020 3-Month YTD	£10,493	£9,306	680	£8,626	18	-748	1,155	-13	9,037
2019 3-Month YTD	9,848	8,709	608	8,101	15	-291	1,573	-72	9,326

^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.

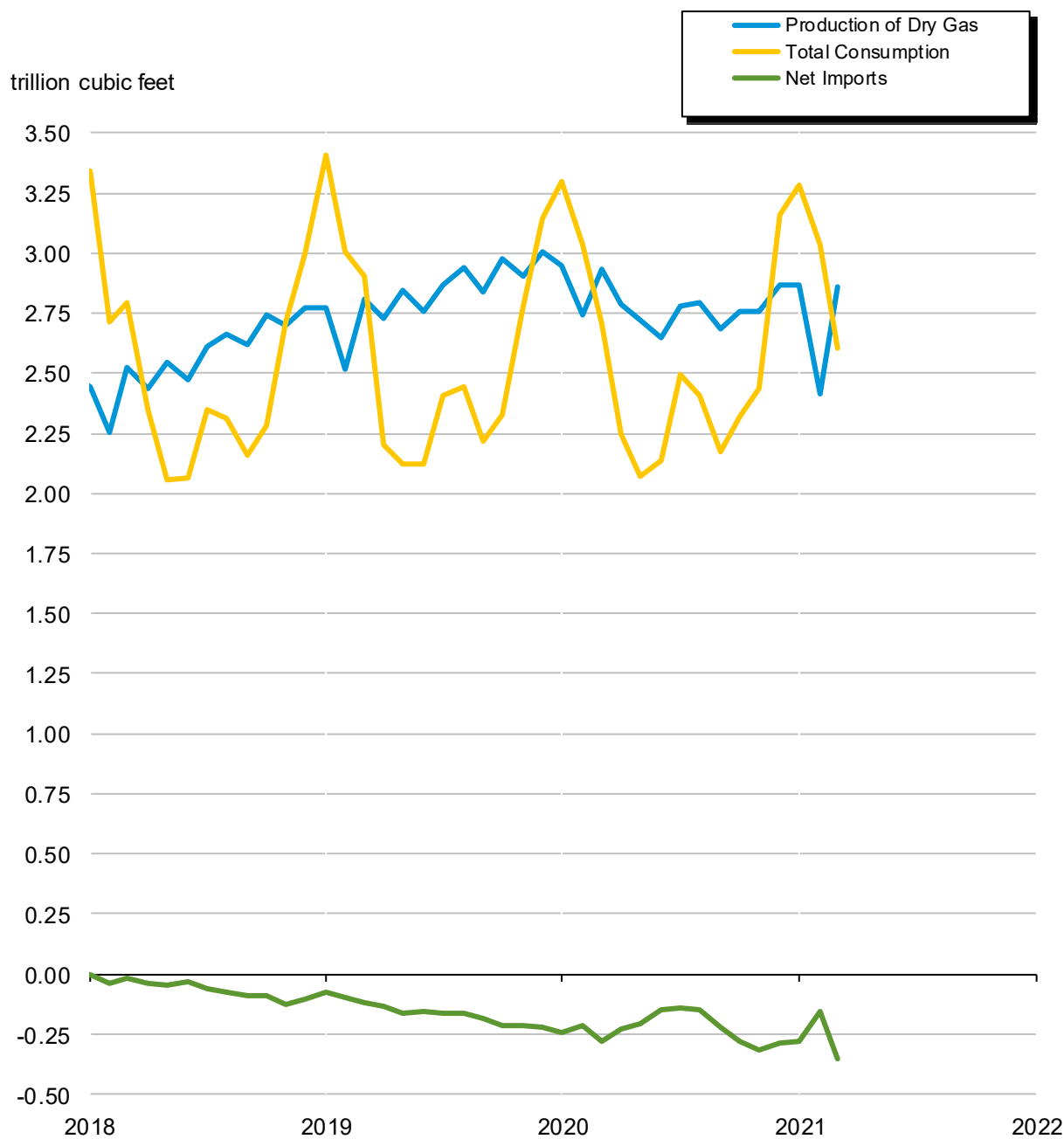
^{RE} Revised estimated data.

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

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	RE157	£100	876	491	791	866	£5	3,030	£3,287	1,038
February	£131	£92	860	489	672	788	£5	2,814	3,037	1,041
March	£156	£79	567	353	703	744	£5	2,373	2,608	1,038
2021 3-Month YTD	£444	£271	2,303	1,333	2,167	2,399	£15	8,217	8,932	1,039
2020 3-Month YTD	£471	£274	2,078	1,267	2,243	2,689	£15	8,292	9,037	1,039
2019 3-Month YTD	440	287	2,450	1,450	2,271	2,415	13	8,599	9,326	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.

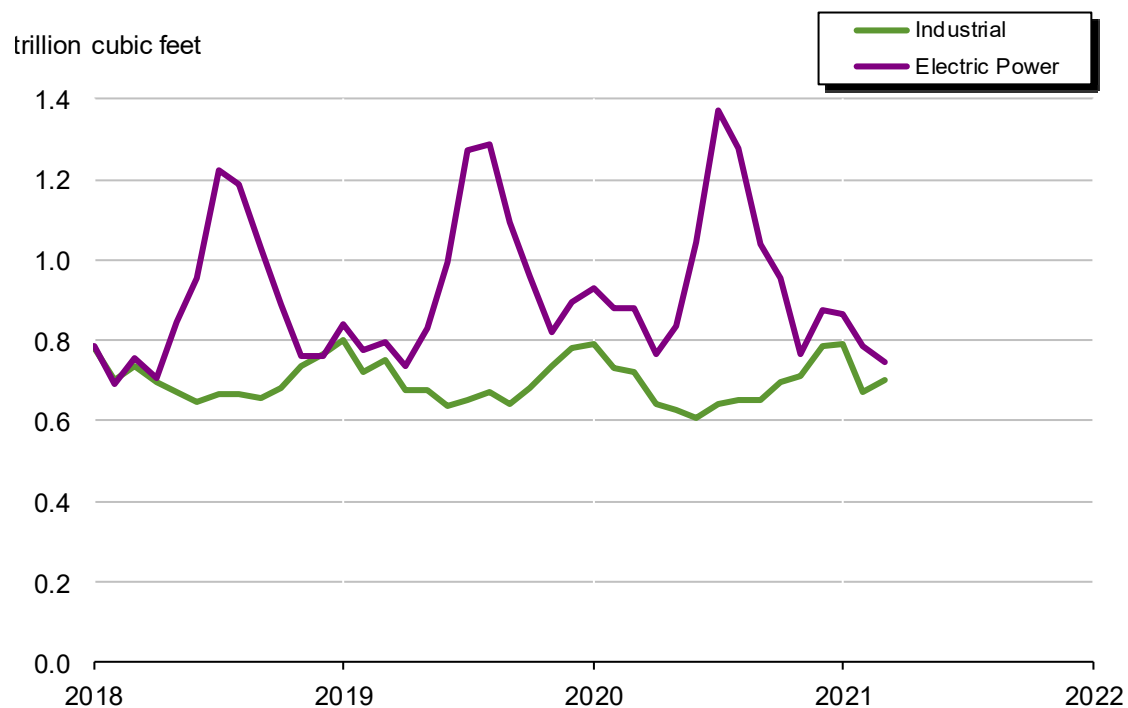
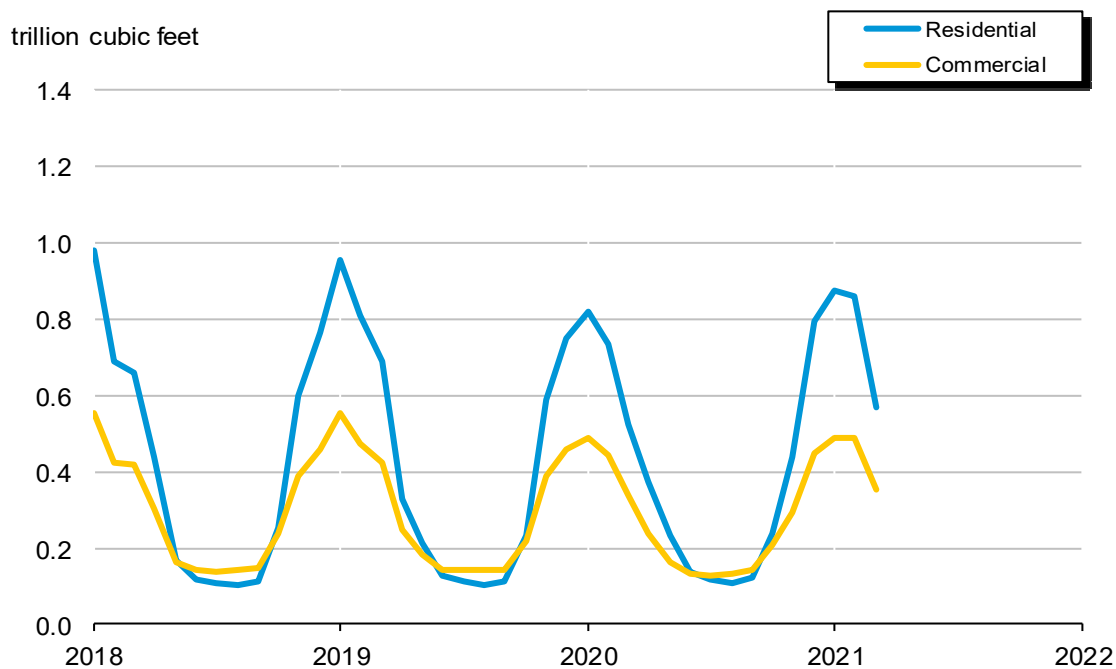
^{RE} Revised estimated data.

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	9.74	96.7	7.43	70.4	4.04	13.4	3.33
February	7.75	5.35	12.43	9.37	96.7	7.38	70.0	9.43	12.6	16.29
March	7.61	2.62	4.09	10.55	96.4	8.02	67.9	4.37	13.6	3.41
2021 3-Month YTD	7.45	3.50	6.96	9.82	96.6	7.58	69.6	5.74	13.2	7.61
2020 3-Month YTD	4.08	1.90	3.20	9.47	96.3	7.14	68.4	3.52	13.1	2.49
2019 3-Month YTD	6.54	2.93	4.00	9.39	96.2	7.55	69.5	4.66	13.8	3.85

^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. 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.

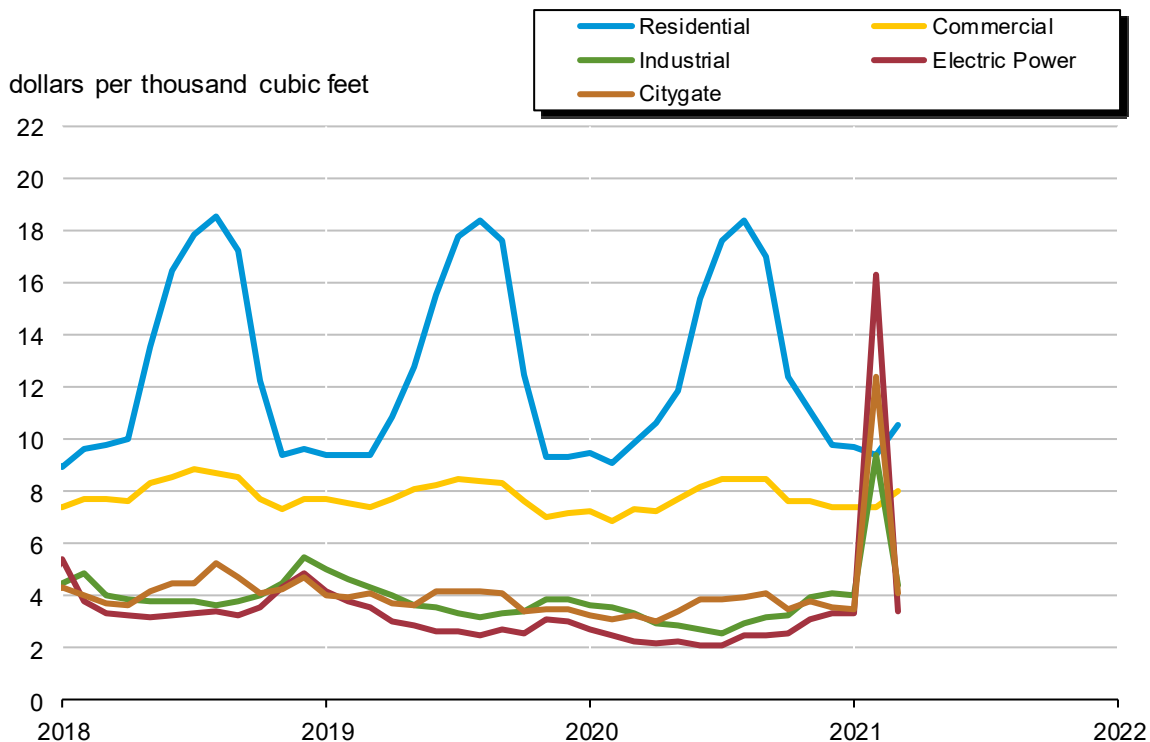
^d The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Data include nonregulated members of the electric power sector.

^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; and EIA estimates.

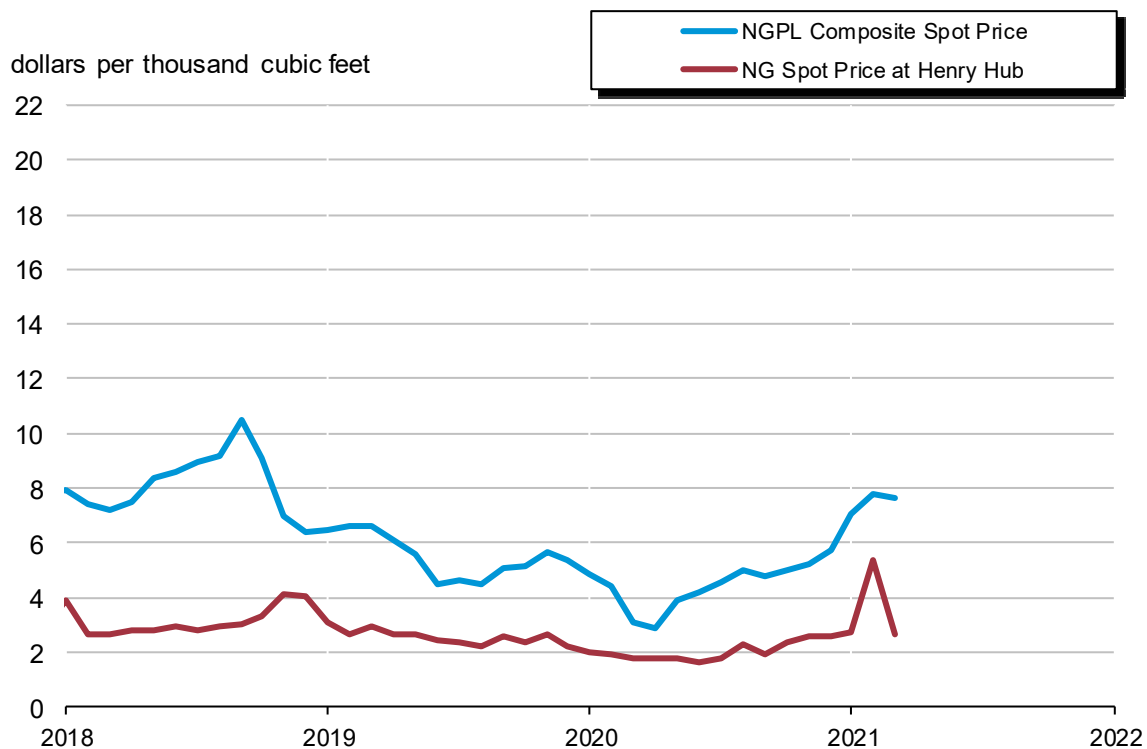
Figure 3. Average citygate and consumer prices of natural gas in the United States, 2018-2021



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; 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; 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 3-Month YTD	2020 3-Month YTD	2019 3-Month YTD	March	February	2021 January	2020 Total
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	776,460	691,030	751,256	233,541	R265,310	R277,608	R2,500,113
Mexico	1,046	755	300	56	933	57	1,706
Total Pipeline Imports	777,505	691,785	751,556	233,597	R266,243	R277,665	R2,501,819
LNG							
By Truck							
Canada	12	4	178	2	7	3	43
By Vessel							
France	0	0	2,651	0	0	0	0
Nigeria	0	1,584	0	0	0	0	6,906
Norway	0	3,032	0	0	0	0	3,032
Trinidad/Tobago	13,470	17,147	22,708	1,406	5,688	6,376	39,233
United Kingdom	0	0	0	0	0	0	0
Total LNG Imports	13,482	21,767	25,536	1,409	5,694	6,379	49,214
CNG							
Canada	68	87	128	23	23	21	300
Total CNG Imports	68	87	128	23	23	21	300
Total Imports	791,055	713,640	777,219	235,029	R271,961	R284,065	R2,551,333
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	3.66	2.02	3.59	2.63	5.51	2.75	2.00
Mexico	14.06	2.14	4.35	3.10	15.39	2.91	3.48
Total Pipeline Imports	3.67	2.02	3.59	2.63	5.54	2.75	2.00
LNG							
By Truck							
Canada	7.83	6.83	7.07	8.24	8.07	6.92	6.09
By Vessel							
France	--	--	10.39	--	--	--	--
Nigeria	--	5.30	--	--	--	--	3.50
Norway	--	6.16	--	--	--	--	6.16
Trinidad/Tobago	8.46	5.67	8.87	8.36	9.44	7.62	4.67
United Kingdom	--	--	--	--	--	--	--
Total LNG Imports	8.46	5.71	9.01	8.36	9.44	7.62	4.60
CNG							
Canada	5.27	4.96	5.90	4.59	5.83	R5.41	3.26
Total CNG Imports	5.27	4.96	5.90	4.59	5.83	R5.41	3.26
Total Imports	3.90	2.31	4.07	2.71	5.82	3.03	2.05
Net Imports - Volume	-790,257	-748,486	-291,061	-356,329	R-155,101	R-278,826	R-2,729,785

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
	December	November	October	September	August	July	June
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	R261,053	R208,814	R199,175	R172,869	R208,069	R206,195	R182,539
Mexico	56	57	89	99	376	119	32
Total Pipeline Imports	R261,108	R208,871	R199,264	R172,968	R208,445	R206,315	R182,571
LNG							
By Truck							
Canada	7	4	8	6	9	4	0
By Vessel							
France	0	0	0	0	0	0	0
Nigeria	2,629	0	0	0	0	0	2,693
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	2,853	2,841	0	1,235	2,874	4,078	2,178
United Kingdom	0	0	0	0	0	0	0
Total LNG Imports	5,489	2,846	8	1,241	2,883	4,083	4,871
CNG							
Canada	20	20	25	17	24	22	36
Total CNG Imports	20	20	25	17	24	22	36
Total Imports	R266,618	R211,736	R199,297	R174,225	R211,352	R210,419	R187,478
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.72	R2.64	2.17	1.99	1.87	1.58	1.53
Mexico	3.07	3.20	2.97	3.41	7.81	1.89	0.84
Total Pipeline Imports	2.72	R2.64	2.17	1.99	1.88	1.58	1.53
LNG							
By Truck							
Canada	6.52	4.69	4.74	6.40	5.31	9.96	--
By Vessel							
France	--	--	--	--	--	--	--
Nigeria	4.11	--	--	--	--	--	1.84
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	6.86	6.94	--	3.38	1.50	4.59	1.33
United Kingdom	--	--	--	--	--	--	--
Total LNG Imports	5.54	6.93	4.74	3.40	1.52	4.59	1.61
CNG							
Canada	3.82	3.86	2.27	2.26	2.39	2.24	2.13
Total CNG Imports	3.82	3.86	2.27	2.26	2.39	2.24	2.13
Total Imports	2.89	R2.79	2.17	2.02	1.90	1.73	1.57
Net Imports - Volume	R-285,194	R-315,349	R-282,323	R-221,199	R-147,807	R-138,748	R-151,009

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	
	May	April	March	February	January	Total	December
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	R183,618	R186,752	R210,237	R232,269	R248,524	2,686,564	244,590
Mexico	63	60	100	355	300	1,873	949
Total Pipeline Imports	R183,681	R186,812	R210,337	R232,624	R248,824	2,688,436	245,539
LNG							
By Truck							
Canada	*	0	3	1	1	226	3
By Vessel							
France	0	0	0	0	0	2,651	0
Nigeria	0	0	0	0	1,584	3,154	3,154
Norway	0	0	0	0	3,032	0	0
Trinidad/Tobago	2,811	3,214	2,857	5,689	8,602	46,872	7,323
United Kingdom	0	0	0	0	0	0	0
Total LNG Imports	2,811	3,214	2,860	5,689	13,218	52,903	10,481
CNG							
Canada	26	23	34	15	38	377	33
Total CNG Imports	26	23	34	15	38	377	33
Total Imports	R186,518	R190,049	R213,231	R238,328	R262,080	2,741,717	256,053
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	1.58	1.49	R1.62	1.94	2.43	2.44	2.84
Mexico	1.51	1.26	1.64	2.11	2.34	2.83	2.72
Total Pipeline Imports	1.58	1.49	R1.62	1.94	2.43	2.44	2.84
LNG							
By Truck							
Canada	5.75	--	6.30	6.74	8.81	7.19	9.98
By Vessel							
France	--	--	--	--	--	10.39	--
Nigeria	--	--	--	--	5.30	5.56	5.56
Norway	--	--	--	--	6.16	--	--
Trinidad/Tobago	4.26	1.48	4.34	5.66	6.11	7.40	6.42
United Kingdom	--	--	--	--	--	--	--
Total LNG Imports	4.26	1.48	4.34	5.67	6.03	7.44	6.17
CNG							
Canada	2.37	2.27	2.92	3.99	7.16	3.43	5.80
Total CNG Imports	2.37	2.27	2.92	3.99	7.16	3.43	5.80
Total Imports	1.68	1.51	R1.71	2.16	2.91	2.54	3.23
Net Imports - Volume	R-208,954	R-230,717	R-284,206	R-215,917	R-248,363	-1,914,608	-224,953

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
	November	October	September	August	July	June	May
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	220,843	204,908	208,201	217,054	227,488	201,069	207,535
Mexico	109	69	63	114	62	64	78
Total Pipeline Imports	220,952	204,977	208,264	217,167	227,550	201,133	207,613
LNG							
By Truck							
Canada	1	*	0	*	*	5	9
By Vessel							
France	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	2,780	5,532	0	2,886	2,832	0	0
United Kingdom	0	0	0	0	0	0	0
Total LNG Imports	2,781	5,532	0	2,886	2,832	5	9
CNG							
Canada	31	28	22	23	26	26	29
Total CNG Imports	31	28	22	23	26	26	29
Total Imports	223,765	210,537	208,286	220,076	230,407	201,163	207,651
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.66	1.96	1.65	1.63	1.72	1.54	1.81
Mexico	2.71	2.28	2.09	2.24	2.29	2.08	1.89
Total Pipeline Imports	2.66	1.96	1.65	1.63	1.72	1.54	1.81
LNG							
By Truck							
Canada	8.98	6.33	--	6.00	6.33	8.44	7.66
By Vessel							
France	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	7.12	4.65	--	4.57	6.73	--	--
United Kingdom	--	--	--	--	--	--	--
Total LNG Imports	7.12	4.65	--	4.57	6.73	8.44	7.66
CNG							
Canada	4.52	2.48	0.36	0.61	0.68	0.85	0.94
Total CNG Imports	4.52	2.48	0.36	0.61	0.68	0.85	0.94
Total Imports	2.80	2.15	1.65	1.73	1.86	1.54	1.81
Net Imports - Volume	-217,597	-215,237	-186,225	-164,907	-162,993	-159,063	-160,917

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

	2019			
	April	March	February	January
Imports				
Volume (million cubic feet)				
Pipeline				
Canada ^a	203,620	249,309	225,650	276,296
Mexico	65	133	100	67
Total Pipeline Imports	203,685	249,443	225,750	276,363
LNG				
By Truck				
Canada	31	44	56	78
By Vessel				
France	0	0	0	2,651
Nigeria	0	0	0	0
Norway	0	0	0	0
Trinidad/Tobago	2,811	3,456	7,499	11,753
United Kingdom	0	0	0	0
Total LNG Imports	2,842	3,499	7,555	14,482
CNG				
Canada	32	47	39	42
Total CNG Imports	32	47	39	42
Total Imports	206,559	252,989	233,344	290,886
Average Price (dollars per thousand cubic feet)				
Pipeline				
Canada	1.97	3.63	3.60	3.55
Mexico	2.40	4.06	5.29	3.55
Total Pipeline Imports	1.97	3.63	3.60	3.55
LNG				
By Truck				
Canada	7.20	7.07	7.06	7.08
By Vessel				
France	--	--	--	10.39
Nigeria	--	--	--	--
Norway	--	--	--	--
Trinidad/Tobago	7.33	7.71	8.98	9.14
United Kingdom	--	--	--	--
Total LNG Imports	7.32	7.70	8.97	9.36
CNG				
Canada	1.57	3.48	6.48	8.08
Total CNG Imports	1.57	3.48	6.48	8.08
Total Imports	2.14	3.79	4.06	4.30
Net Imports - Volume	-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.

^c Revised data.

^d Not applicable.

* Volume is between -500 Mcf and 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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	252,916	263,164	272,011	90,629	¥77,951	¥84,335	¥899,960
Mexico	493,792	478,497	435,572	183,051	¥137,381	¥173,360	1,990,809
Total Pipeline Exports	746,707	741,661	707,583	273,680	¥215,332	¥257,696	¥2,890,769
LNG							
Exports							
By Vessel							
Argentina	2,238	0	0	2,238	0	0	¥17,232
Bahamas	96	47	36	39	29	28	257
Bangladesh	6,713	3,640	0	3,566	0	3,148	10,660
Barbados	49	87	45	14	19	17	241
Belgium	3,484	20,356	3,390	3,484	0	0	¥31,946
Brazil	56,227	25,762	6,517	21,977	13,118	21,132	111,908
Canada	0	0	0	0	0	0	0
Chile	37,629	20,034	12,938	21,320	6,524	9,784	80,615
China	70,832	17,699	6,851	28,476	3,415	38,940	214,401
Colombia	0	1,528	5,869	0	0	0	4,626
Croatia	7,367	0	0	7,367	0	0	3,275
Dominican Republic	18,161	2,872	2,942	5,577	5,689	6,895	26,050
Egypt	0	0	0	0	0	0	0
France	52,116	50,574	28,156	30,341	18,188	3,587	¥90,237
Greece	7,405	20,168	3,394	6,805	0	600	48,403
Haiti	33	27	0	10	11	12	118
India	51,524	20,554	21,465	17,381	13,776	20,367	124,402
Israel	2,826	3,197	0	2,826	0	0	15,834
Italy	10,739	32,818	20,640	10,739	0	0	68,453
Jamaica	8,530	3,784	2,320	2,458	2,365	3,708	17,052
Japan	110,276	75,485	34,958	27,673	18,271	64,331	288,058
Jordan	0	0	3,695	0	0	0	6,872
Kuwait	3,821	0	0	3,821	0	0	17,293
Lithuania	10,079	0	0	3,228	6,851	0	28,879
Malaysia	0	0	0	0	0	0	0
Malta	0	2,648	0	0	0	0	2,648
Mexico	13,354	16,968	28,028	0	13,354	0	34,408
Netherlands	49,930	34,552	13,841	24,204	22,777	2,949	85,573
Pakistan	7,103	6,890	6,647	3,421	0	3,682	36,934
Panama	3,795	4,314	6,461	3,279	0	516	12,764
Poland	10,606	13,543	13,463	3,507	7,099	0	36,900
Portugal	3,360	6,187	14,009	0	3,360	0	36,922
Singapore	6,991	10,610	13,880	3,303	0	3,688	28,341
South Korea	106,233	83,790	52,744	32,203	18,094	55,936	316,613
Spain	25,011	68,309	24,056	13,900	3,733	7,377	¥199,966
Taiwan	23,769	23,419	0	13,450	0	10,319	64,363
Thailand	0	7,218	0	0	0	0	32,622
Turkey	50,930	63,429	16,312	3,619	20,652	26,659	123,957
United Arab Emirates	0	0	0	0	0	0	10,110
United Kingdom	73,218	79,514	17,753	17,440	34,343	21,436	160,199
By Truck							
Canada	0	2	1	0	0	0	10
Mexico	157	332	224	11	63	83	822
Total LNG Exports	834,605	720,360	360,637	317,678	211,730	305,196	¥2,389,963
CNG							
Canada	0	105	60	0	0	0	386
Total CNG Exports	0	105	60	0	0	0	386
Total Exports	1,581,312	1,462,126	1,068,280	591,358	¥427,062	¥562,892	¥5,281,118

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						
	December	November	October	September	August	July	June
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	82,943	80,233	72,833	62,211	60,810	71,778	66,516
Mexico	164,577	166,135	185,799	182,068	185,867	181,152	162,927
Total Pipeline Exports	247,520	246,368	258,632	244,279	246,677	252,930	229,442
LNG							
Exports							
By Vessel							
Argentina	0	0	0	0	4,413	2,218	2,229
Bahamas	36	31	25	20	21	15	18
Bangladesh	0	0	0	0	0	3,614	0
Barbados	25	15	17	14	14	15	20
Belgium	0	3,633	3,285	0	0	0	0
Brazil	29,927	30,191	22,508	0	3,520	0	0
Canada	0	0	0	0	0	0	0
Chile	9,793	3,252	6,836	3,277	7,428	1,515	3,313
China	45,525	45,083	35,115	11,245	13,699	10,358	0
Colombia	0	0	0	2,548	550	0	0
Croatia	3,275	0	0	0	0	0	0
Dominican Republic	5,000	5,106	5,909	0	2,772	0	0
Egypt	0	0	0	0	0	0	0
France	3,752	3,390	6,639	0	0	0	0
Greece	3,382	3,543	0	7,027	0	6,544	1,076
Haiti	17	11	9	8	11	8	7
India	10,241	10,299	17,762	10,514	10,319	7,404	10,100
Israel	0	0	0	3,041	3,001	3,317	3,277
Italy	0	3,083	0	0	6,734	3,232	12,998
Jamaica	2,374	0	2,514	2,610	0	0	0
Japan	54,004	32,967	31,636	6,855	22,541	10,618	21,836
Jordan	0	0	0	3,578	0	0	0
Kuwait	0	0	3,603	3,508	6,886	0	0
Lithuania	6,291	3,621	6,191	3,308	0	0	3,049
Malaysia	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0
Mexico	0	3,056	7,398	3,285	3,701	0	0
Netherlands	3,316	6,684	3,603	6,671	0	6,746	6,870
Pakistan	0	3,436	10,009	9,853	3,412	0	0
Panama	271	1,448	433	3,228	0	0	0
Poland	7,033	0	3,157	0	0	0	3,385
Portugal	3,711	5,830	3,564	6,853	0	0	0
Singapore	0	7,658	3,416	0	2,967	3,690	0
South Korea	39,617	49,103	14,321	32,126	13,814	10,492	28,171
Spain	13,583	9,907	14,118	15,206	3,222	13,679	9,640
Taiwan	12,470	6,216	3,636	9,007	0	0	2,953
Thailand	0	3,705	0	0	0	3,254	0
Turkey	20,188	12,817	0	3,611	0	3,222	0
United Arab Emirates	0	0	0	0	3,359	3,277	0
United Kingdom	30,378	26,544	17,191	3,664	0	2,908	0
By Truck							
Canada	8	0	0	0	0	0	0
Mexico	46	52	68	73	78	72	61
Total LNG Exports	304,263	280,682	222,963	151,128	112,462	96,200	109,002
CNG							
Canada	29	35	26	17	20	37	43
Total CNG Exports	29	35	26	17	20	37	43
Total Exports	551,812	527,085	481,621	395,424	359,159	349,167	338,486

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	
	May	April	March	February	January	Total	December
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	67,752	71,722	86,579	₹77,354	₹99,231	971,334	109,175
Mexico	145,242	138,544	166,550	151,071	160,875	1,865,329	151,308
Total Pipeline Exports	212,994	210,266	253,130	₹228,425	₹260,106	2,836,662	260,483
LNG							
Exports							
By Vessel							
Argentina	₹8,372	0	0	0	0	39,293	0
Bahamas	20	23	20	13	15	156	11
Bangladesh	3,406	0	0	0	3,640	3,419	3,419
Barbados	20	15	28	26	33	211	20
Belgium	₹1,348	3,324	3,724	9,872	6,761	23,897	10,407
Brazil	0	0	6,891	10,433	8,438	54,298	0
Canada	0	0	0	0	0	0	0
Chile	11,068	14,098	3,216	10,731	6,087	90,357	7,207
China	14,535	21,140	17,699	0	0	6,851	0
Colombia	0	0	0	1,003	525	6,518	0
Croatia	0	0	0	0	0	0	0
Dominican Republic	2,554	1,838	2,872	0	0	10,334	501
Egypt	0	0	0	0	0	0	0
France	₹9,546	16,336	23,491	20,520	6,563	117,791	14,758
Greece	3,430	3,233	8,892	0	11,276	14,643	7,752
Haiti	10	8	9	11	7	42	12
India	10,534	16,674	17,245	0	3,309	91,481	7,090
Israel	0	0	3,197	0	0	0	0
Italy	6,452	3,135	9,895	16,616	6,308	68,655	12,764
Jamaica	0	5,770	1	2,914	869	13,892	2,435
Japan	13,729	18,387	21,845	21,360	32,280	201,085	21,226
Jordan	3,294	0	0	0	0	32,332	0
Kuwait	0	3,297	0	0	0	10,308	0
Lithuania	3,473	2,945	0	0	0	3,455	3,455
Malaysia	0	0	0	0	0	3,698	0
Malta	0	0	0	48	2,600	413	0
Mexico	0	0	7,037	3,167	6,764	143,371	9,696
Netherlands	6,826	10,305	13,772	14,099	6,681	81,361	13,405
Pakistan	0	3,334	0	3,567	3,323	26,787	3,253
Panama	3,070	0	906	3,408	0	10,221	0
Poland	6,258	3,523	3,583	6,677	3,282	38,042	7,013
Portugal	0	10,777	0	6,187	0	53,342	6,345
Singapore	0	0	10,610	0	0	31,440	3,375
South Korea	20,921	24,258	28,095	11,071	44,625	270,025	38,139
Spain	₹29,360	22,943	23,657	20,240	24,412	166,684	13,874
Taiwan	6,662	0	6,987	7,115	9,317	27,397	3,658
Thailand	7,397	11,049	3,783	3,435	0	6,635	0
Turkey	6,661	14,030	6,489	24,303	32,637	30,611	536
United Arab Emirates	3,474	0	0	0	0	20,561	0
United Kingdom	0	0	20,202	28,884	30,428	118,662	30,054
By Truck							
Canada	0	0	0	0	2	25	0
Mexico	18	23	123	87	122	1,105	93
Total LNG Exports	₹182,438	210,466	244,269	225,786	250,305	1,819,399	220,498
CNG							
Canada	39	35	38	34	33	263	25
Total CNG Exports	39	35	38	34	33	263	25
Total Exports	₹395,472	420,767	497,437	₹454,245	₹510,444	4,656,324	481,006

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						
	November	October	September	August	July	June	May
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	92,089	76,246	71,573	78,302	68,613	61,809	70,182
Mexico	158,633	171,535	162,649	168,089	167,902	156,440	153,452
Total Pipeline Exports	250,722	247,781	234,222	246,391	236,515	218,249	223,633
LNG							
Exports							
By Vessel							
Argentina	0	0	0	0	13,066	13,120	8,737
Bahamas	14	8	2	20	11	25	14
Bangladesh	0	0	0	0	0	0	0
Barbados	20	25	17	17	17	13	21
Belgium	3,293	3,402	3,404	0	0	0	0
Brazil	3,279	3,345	6,117	12,868	6,949	9,116	4,905
Canada	0	0	0	0	0	0	0
Chile	3,484	6,608	9,811	6,297	9,382	19,012	6,188
China	0	0	0	0	0	0	0
Colombia	0	0	0	649	0	0	0
Croatia	0	0	0	0	0	0	0
Dominican Republic	0	2,927	2,857	0	0	1,108	0
Egypt	0	0	0	0	0	0	0
France	26,946	14,228	6,740	3,249	0	0	6,621
Greece	0	0	0	0	0	0	3,497
Haiti	8	4	9	3	2	3	0
India	6,933	6,961	14,355	7,294	3,485	3,215	13,942
Israel	0	0	0	0	0	0	0
Italy	6,345	0	3,230	6,082	9,963	3,072	6,560
Jamaica	2,464	0	0	2,946	837	0	2,890
Japan	17,603	24,504	28,084	17,506	21,242	14,582	7,149
Jordan	0	0	3,616	3,277	3,449	7,342	7,332
Kuwait	0	0	0	3,401	3,405	0	3,502
Lithuania	0	0	0	0	0	0	0
Malaysia	3,698	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0
Mexico	3,273	6,437	10,442	13,681	24,209	16,955	20,244
Netherlands	10,099	3,456	3,431	6,688	3,386	3,310	10,734
Pakistan	3,247	3,472	6,512	0	3,656	0	0
Panama	478	0	0	0	0	3,282	0
Poland	3,432	3,489	0	3,537	3,694	0	0
Portugal	0	6,621	2,924	6,051	6,994	6,908	0
Singapore	0	3,463	0	0	3,570	3,435	3,397
South Korea	24,962	42,233	10,818	16,995	32,663	20,402	18,069
Spain	19,985	13,704	37,938	15,861	3,297	13,506	14,325
Taiwan	3,736	3,138	0	7,207	0	0	3,309
Thailand	0	0	3,234	0	0	0	3,401
Turkey	7,266	3,528	0	0	0	0	0
United Arab Emirates	0	0	3,325	3,502	3,487	3,459	0
United Kingdom	39,957	26,260	3,303	1,335	0	0	0
By Truck							
Canada	1	14	9	0	0	0	0
Mexico	86	139	95	113	101	92	75
Total LNG Exports	190,610	177,966	160,274	138,578	156,865	141,956	144,913
CNG							
Canada	30	28	15	15	20	20	22
Total CNG Exports	30	28	15	15	20	20	22
Total Exports	441,362	425,775	394,511	384,983	393,400	360,226	368,568

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			
	April	March	February	January
Exports				
Volume (million cubic feet)				
Pipeline				
Canada	71,333	93,182	91,561	87,269
Mexico	139,750	149,514	135,514	150,544
Total Pipeline Exports	211,083	242,696	227,074	237,813
LNG				
Exports				
By Vessel				
Argentina	4,369	0	0	0
Bahamas	14	11	14	11
Bangladesh	0	0	0	0
Barbados	17	14	14	17
Belgium	0	3,390	0	0
Brazil	1,201	3,283	3,234	0
Canada	0	0	0	0
Chile	9,429	10,005	2,933	0
China	0	0	3,464	3,387
Colombia	0	2,935	0	2,934
Croatia	0	0	0	0
Dominican Republic	0	0	2,942	0
Egypt	0	0	0	0
France	17,092	20,853	0	7,303
Greece	0	0	3,394	0
Haiti	2	0	0	0
India	6,742	7,446	6,989	7,030
Israel	0	0	0	0
Italy	0	6,684	3,454	10,502
Jamaica	0	2,320	0	0
Japan	14,231	7,143	10,320	17,495
Jordan	3,622	0	3,695	0
Kuwait	0	0	0	0
Lithuania	0	0	0	0
Malaysia	0	0	0	0
Malta	413	0	0	0
Mexico	10,406	7,038	6,681	14,310
Netherlands	13,010	10,452	3,390	0
Pakistan	0	3,282	3,365	0
Panama	0	3,191	3,269	0
Poland	3,414	3,701	0	9,762
Portugal	3,489	0	3,720	10,289
Singapore	320	6,631	7,249	0
South Korea	13,000	18,013	17,750	16,981
Spain	10,139	10,678	6,748	6,631
Taiwan	6,349	0	0	0
Thailand	0	0	0	0
Turkey	2,969	0	6,483	9,829
United Arab Emirates	6,787	0	0	0
United Kingdom	0	3,669	3,711	10,373
By Truck				
Canada	0	0	1	0
Mexico	87	73	48	104
Total LNG Exports	127,102	130,814	102,866	126,957
CNG				
Canada	28	29	15	16
Total CNG Exports	28	29	15	16
Total Exports	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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Exports							
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	3.27	2.03	3.58	2.87	4.04	2.99	2.06
Mexico	9.58	1.88	3.08	2.93	26.96	2.84	2.12
Total Pipeline Exports	7.44	1.94	3.27	2.91	18.66	2.89	2.10
LNG							
Exports							
By Vessel							
Argentina	6.55	--	--	6.55	--	--	4.64
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	4.61	4.31	--	6.07	--	2.95	5.17
Barbados	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Belgium	4.65	3.60	6.72	4.65	--	--	4.27
Brazil	7.07	4.64	5.01	6.53	7.51	7.35	6.29
Canada	--	--	--	--	--	--	--
Chile	6.23	5.19	3.62	6.15	6.97	5.91	5.49
China	6.13	4.83	6.20	6.39	4.46	6.09	5.82
Colombia	--	5.31	3.88	--	--	--	5.83
Croatia	6.58	--	--	6.58	--	--	6.75
Dominican Republic	7.07	4.67	3.52	6.14	8.99	6.23	5.78
Egypt	--	--	--	--	--	--	--
France	6.70	4.99	4.91	6.76	6.71	6.09	5.17
Greece	5.35	6.26	6.84	5.33	--	5.56	5.86
Haiti	10.39	10.39	--	10.39	10.39	10.39	10.39
India	6.23	4.16	5.24	6.07	6.62	6.10	5.39
Israel	6.46	5.33	--	6.46	--	--	5.17
Italy	6.65	5.15	5.53	6.65	--	--	5.27
Jamaica	6.32	5.45	6.52	6.55	6.43	6.09	4.92
Japan	6.47	5.90	7.68	7.01	6.60	6.20	6.38
Jordan	--	--	3.52	--	--	--	5.28
Kuwait	6.64	--	--	6.64	--	--	5.61
Lithuania	6.44	--	--	7.08	6.14	--	5.17
Malaysia	--	--	--	--	--	--	--
Malta	--	5.33	--	--	--	--	5.33
Mexico	5.68	4.53	4.42	--	5.68	--	5.02
Netherlands	5.82	4.89	4.94	5.81	5.87	5.57	5.51
Pakistan	6.41	4.31	5.06	8.42	--	4.54	4.70
Panama	6.07	7.64	7.47	6.07	--	6.09	6.98
Poland	6.82	3.84	6.01	6.55	6.95	--	5.13
Portugal	5.37	4.84	5.75	--	5.37	--	5.24
Singapore	5.29	4.18	4.64	4.37	--	6.11	5.30
South Korea	5.96	5.21	4.04	5.48	6.64	6.01	5.66
Spain	6.14	5.63	5.82	5.95	6.48	6.31	5.60
Taiwan	5.41	4.70	--	5.59	--	5.17	5.34
Thailand	--	3.84	--	--	--	--	4.80
Turkey	6.51	5.25	5.85	6.59	7.00	6.13	5.48
United Arab Emirates	--	--	--	--	--	--	5.91
United Kingdom	6.11	5.42	4.96	6.47	6.16	5.74	5.78
By Truck							
Canada	--	7.70	8.93	--	--	--	9.45
Mexico	9.40	8.73	9.60	10.52	9.52	9.16	8.20
Total LNG Exports	6.26	5.15	5.27	6.25	6.52	6.08	5.64
CNG							
Canada	--	4.07	7.08	--	--	--	2.55
Total CNG Exports	--	4.07	7.08	--	--	--	2.55
Total Exports	6.82	3.52	3.95	4.70	12.64	4.62	3.70

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
	December	November	October	September	August	July	June
Exports							
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.80	2.53	2.05	2.00	1.92	1.75	1.77
Mexico	2.87	2.83	2.21	2.30	2.18	1.86	1.78
Total Pipeline Exports	2.85	2.73	2.17	2.23	2.11	1.83	1.78
LNG							
Exports							
By Vessel							
Argentina	--	--	--	--	3.16	6.69	4.05
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	--	--	--	--	--	5.44	--
Barbados	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Belgium	--	7.24	5.63	--	--	--	--
Brazil	R6.59	R7.10	R7.25	--	2.63	--	--
Canada	--	--	--	--	--	--	--
Chile	5.99	6.01	5.39	6.20	7.33	6.69	5.80
China	6.33	6.33	5.50	6.65	6.84	6.31	--
Colombia	--	--	--	6.23	5.38	--	--
Croatia	6.75	--	--	--	--	--	--
Dominican Republic	6.32	6.11	5.92	--	5.38	--	--
Egypt	--	--	--	--	--	--	--
France	7.12	6.19	3.54	--	--	--	--
Greece	6.08	6.11	--	4.52	--	6.67	5.47
Haiti	10.39	10.39	10.39	10.39	10.39	10.39	10.39
India	6.33	6.73	5.17	5.67	6.63	4.79	5.81
Israel	--	--	--	6.23	4.84	5.44	4.05
Italy	--	R8.49	--	--	4.07	5.08	5.10
Jamaica	6.27	--	4.25	3.19	--	--	--
Japan	R6.78	R6.95	6.76	5.37	R6.96	R7.15	R6.19
Jordan	--	--	--	5.71	--	--	--
Kuwait	--	--	5.14	5.67	R6.33	--	--
Lithuania	6.28	6.41	3.64	6.72	--	--	5.20
Malaysia	--	--	--	--	--	--	--
Malta	--	--	--	--	--	--	--
Mexico	--	6.73	5.26	5.70	4.71	--	--
Netherlands	R8.37	6.30	5.10	5.37	--	6.13	6.13
Pakistan	--	6.11	5.60	5.16	2.25	--	--
Panama	6.08	6.11	5.64	8.10	--	--	--
Poland	R7.25	--	5.50	--	--	--	6.93
Portugal	7.12	5.62	3.93	5.08	--	--	--
Singapore	--	6.29	5.63	--	5.88	5.71	--
South Korea	6.20	R6.86	6.90	5.10	5.23	4.91	5.20
Spain	R6.94	6.57	5.71	5.59	5.50	R5.32	5.85
Taiwan	6.19	5.21	6.07	5.61	--	--	4.05
Thailand	--	6.22	--	--	--	4.91	--
Turkey	6.22	6.10	--	4.22	--	5.08	--
United Arab Emirates	--	--	--	--	R7.19	5.28	--
United Kingdom	6.23	6.37	5.64	6.85	--	4.91	--
By Truck							
Canada	9.99	--	--	--	--	--	--
Mexico	8.45	8.62	7.50	8.57	7.98	7.56	7.67
Total LNG Exports	R6.48	R6.58	R5.80	5.53	R5.85	R5.73	R5.55
CNG							
Canada	3.81	3.33	1.54	1.52	1.68	1.51	1.37
Total CNG Exports	3.81	3.33	1.54	1.52	1.68	1.51	1.37
Total Exports	R4.85	R4.78	R3.85	3.49	R3.28	R2.90	R2.99

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	
	May	April	March	February	January	Total	December
Exports							
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	1.83	1.77	1.81	1.99	2.25	2.77	2.61
Mexico	2.04	1.63	1.71	1.90	2.05	2.57	2.39
Total Pipeline Exports	1.97	1.68	1.74	1.93	2.13	2.64	2.48
LNG							
Exports							
By Vessel							
Argentina	5.04	--	--	--	--	5.14	--
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	5.80	--	--	--	4.31	5.03	5.03
Barbados	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Belgium	5.28	3.38	2.17	3.68	4.27	4.97	4.17
Brazil	--	--	5.03	4.32	4.71	5.18	--
Canada	--	--	--	--	--	--	--
Chile	5.03	4.55	4.78	5.04	5.68	4.68	5.77
China	5.47	3.87	4.83	--	--	6.20	--
Colombia	--	--	--	5.37	5.18	4.06	--
Croatia	--	--	--	--	--	--	--
Dominican Republic	6.36	4.43	4.67	--	--	4.51	6.08
Egypt	--	--	--	--	--	--	--
France	5.98	5.25	5.29	5.08	3.61	5.33	5.53
Greece	5.08	5.08	5.18	--	7.10	5.90	6.36
Haiti	10.39	10.39	10.39	10.39	10.39	10.39	10.39
India	5.45	4.74	3.90	--	5.49	4.97	5.47
Israel	--	--	5.33	--	--	--	--
Italy	5.27	6.93	5.29	4.75	5.98	4.99	4.69
Jamaica	--	5.08	10.39	5.37	5.71	5.29	6.08
Japan	6.42	4.98	5.83	5.63	6.12	6.55	6.33
Jordan	4.80	--	--	--	--	3.99	--
Kuwait	--	4.56	--	--	--	4.92	--
Lithuania	5.28	2.56	--	--	--	4.50	4.50
Malaysia	--	--	--	--	--	5.79	--
Malta	--	--	--	5.39	5.32	3.76	--
Mexico	--	--	4.82	4.88	4.08	4.53	4.37
Netherlands	6.12	5.17	4.87	4.91	4.87	4.78	5.98
Pakistan	--	2.56	--	5.40	3.13	5.44	3.92
Panama	5.54	--	5.31	8.26	--	7.62	--
Poland	5.32	3.41	2.17	5.40	2.48	5.72	5.88
Portugal	--	5.14	--	4.84	--	5.16	4.78
Singapore	--	--	4.18	--	--	5.25	6.60
South Korea	5.31	5.36	5.16	5.37	5.19	4.76	5.94
Spain	5.31	4.68	5.41	5.33	6.10	5.39	5.39
Taiwan	5.97	--	5.34	3.65	5.02	5.17	6.60
Thailand	5.04	4.77	2.44	5.37	--	6.12	--
Turkey	6.77	4.72	5.31	5.15	5.31	5.13	5.57
United Arab Emirates	5.28	--	--	--	--	3.99	--
United Kingdom	--	--	4.68	5.52	5.82	5.33	5.50
By Truck							
Canada	--	--	--	--	7.70	9.35	--
Mexico	5.85	6.05	8.39	8.93	8.94	9.13	9.43
Total LNG Exports	5.53	4.74	4.91	5.12	5.42	5.20	5.55
CNG							
Canada	1.65	1.50	2.13	3.20	7.20	3.98	6.15
Total CNG Exports	1.65	1.50	2.13	3.20	7.20	3.98	6.15
Total Exports	3.61	3.21	3.30	3.51	3.74	3.64	3.89

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
	November	October	September	August	July	June	May
Exports							
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.84	2.20	2.22	2.15	2.31	2.39	2.55
Mexico	2.55	2.32	2.46	2.16	2.24	2.24	3.12
Total Pipeline Exports	2.66	2.28	2.38	2.15	2.26	2.28	2.94
LNG							
Exports							
By Vessel							
Argentina	--	--	--	--	5.24	4.99	5.02
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	6.22	3.47	5.93	--	--	--	--
Brazil	6.75	6.02	5.82	4.83	4.57	4.44	5.79
Canada	--	--	--	--	--	--	--
Chile	5.80	4.65	5.52	5.80	4.64	4.77	3.07
China	--	--	--	--	--	--	--
Colombia	--	--	--	5.67	--	--	--
Croatia	--	--	--	--	--	--	--
Dominican Republic	--	5.51	3.53	--	--	6.27	--
Egypt	--	--	--	--	--	--	--
France	5.76	5.67	5.82	5.67	--	--	6.23
Greece	--	--	--	--	--	--	3.97
Haiti	10.39	10.39	10.39	10.39	10.39	10.39	--
India	7.16	4.65	5.15	3.98	6.09	5.23	4.11
Israel	--	--	--	--	--	--	--
Italy	4.99	--	5.81	4.31	5.37	3.15	4.40
Jamaica	6.22	--	--	5.15	5.05	--	3.07
Japan	7.31	6.27	5.58	6.88	6.82	4.30	7.94
Jordan	--	--	5.37	5.24	6.38	3.15	3.07
Kuwait	--	--	--	5.24	5.60	--	3.94
Lithuania	--	--	--	--	--	--	--
Malaysia	5.79	--	--	--	--	--	--
Malta	--	--	--	--	--	--	--
Mexico	5.80	6.18	3.85	3.65	5.03	5.23	3.74
Netherlands	4.79	6.55	3.21	3.86	3.20	3.15	4.38
Pakistan	6.22	5.58	5.61	--	6.39	--	--
Panama	6.22	--	--	--	--	8.13	--
Poland	5.18	6.03	--	5.15	3.17	--	--
Portugal	--	5.54	5.28	4.98	5.75	4.24	--
Singapore	--	5.58	--	--	5.60	7.75	3.07
South Korea	5.71	4.98	5.02	5.45	4.81	3.54	3.12
Spain	6.08	4.86	5.64	4.89	4.81	4.87	5.19
Taiwan	5.71	3.94	--	5.90	--	--	4.37
Thailand	--	--	5.81	--	--	--	6.42
Turkey	4.78	3.57	--	--	--	--	--
United Arab Emirates	--	--	3.22	5.24	5.60	3.32	--
United Kingdom	5.45	5.23	4.77	6.20	--	--	--
By Truck							
Canada	6.84	10.29	8.21	--	--	--	--
Mexico	10.07	9.41	8.53	8.41	8.67	8.77	8.85
Total LNG Exports	5.84	5.31	5.28	5.13	5.29	4.57	4.39
CNG							
Canada	3.54	2.18	1.98	2.18	2.21	2.43	2.49
Total CNG Exports	3.54	2.18	1.98	2.18	2.21	2.43	2.49
Total Exports	4.03	3.55	3.56	3.23	3.47	3.18	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

	2019			
	April	March	February	January
Exports				
Average Price (dollars per thousand cubic feet)				
Pipeline				
Canada	2.72	3.49	3.38	3.89
Mexico	2.37	2.77	3.03	3.42
Total Pipeline Exports	2.49	3.04	3.17	3.60
LNG				
Exports				
By Vessel				
Argentina	5.51	--	--	--
Bahamas	10.39	10.39	10.39	10.39
Bangladesh	--	--	--	--
Barbados	10.39	10.39	10.39	10.39
Belgium	--	6.72	--	--
Brazil	6.62	3.41	6.64	--
Canada	--	--	--	--
Chile	4.21	3.41	4.35	--
China	--	--	4.97	7.47
Colombia	--	3.41	--	4.35
Croatia	--	--	--	--
Dominican Republic	--	--	3.52	--
Egypt	--	--	--	--
France	4.26	5.24	--	3.94
Greece	--	--	6.84	--
Haiti	10.39	--	--	--
India	3.48	3.67	5.53	6.60
Israel	--	--	--	--
Italy	--	5.20	4.72	6.00
Jamaica	--	6.52	--	--
Japan	6.40	8.00	7.98	7.37
Jordan	3.24	--	3.52	--
Kuwait	--	--	--	--
Lithuania	--	--	--	--
Malaysia	--	--	--	--
Malta	3.76	--	--	--
Mexico	4.67	3.41	5.06	4.63
Netherlands	4.91	5.30	3.81	--
Pakistan	--	6.64	3.52	--
Panama	--	8.13	6.84	--
Poland	7.78	3.41	--	7.00
Portugal	3.66	--	3.97	6.39
Singapore	6.36	5.86	3.52	--
South Korea	4.74	3.41	4.12	4.63
Spain	4.80	4.88	5.05	8.11
Taiwan	4.23	--	--	--
Thailand	--	--	--	--
Turkey	3.76	--	6.64	5.33
United Arab Emirates	3.24	--	--	--
United Kingdom	--	5.15	3.52	5.40
By Truck				
Canada	--	--	8.93	--
Mexico	8.92	9.92	9.17	9.58
Total LNG Exports	4.70	4.84	5.06	5.89
CNG				
Canada	3.28	5.11	7.70	10.05
Total CNG Exports	3.28	5.11	7.70	10.05
Total Exports	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	RE39,964	RE12,033	RE160,140	RE12,578	RE272,241	RE3,541	RE183,238	RE86,048	RE206,660
February	279,748	RE30,467	RE10,736	RE143,696	RE9,963	RE221,415	RE3,062	RE155,193	RE73,009	RE170,657
March	311,798	£40,423	£12,034	£156,821	£12,352	£281,682	£3,454	£191,932	£86,028	£190,722
2021 3-Month YTD	908,769	£110,854	£34,803	£460,657	£34,893	£775,337	£10,057	£530,363	£245,085	£568,039
2020 3-Month YTD	895,520	£123,274	£45,210	£521,877	£41,433	£798,606	£11,703	£510,258	£280,093	£589,183
2019 3-Month YTD	863,215	135,868	49,234	480,566	46,120	770,347	11,472	423,947	244,592	619,830

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	RE221,544	RE657,704	RE863,623	RE19,235	RE234,432	RE112,203	€33,772	RE69,761	RE3,505,939
February	RE163,628	RE593,866	RE656,643	RE17,786	RE208,571	RE102,139	RE29,953	RE63,588	RE2,934,120
March	€219,534	€657,231	€861,191	€20,285	€227,218	€112,664	€33,591	€74,249	€3,493,208
2021 3-Month YTD	€604,706	€1,908,801	€2,381,457	€57,306	€670,221	€327,005	€97,315	€207,598	€9,933,267
2020 3-Month YTD	€764,260	€1,803,779	€2,706,364	€64,134	€610,869	€367,030	€107,560	€252,292	€10,493,445
2019 3-Month YTD	768,940	1,675,061	2,433,238	67,636	495,476	383,277	115,942	263,167	9,847,927

^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 DrillingInfo, 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	RE39,964	RE12,033	RE159,724	RE12,578	RE271,669	RE3,168	RE176,770	RE69,019	RE206,660
February	28,365	RE30,467	RE10,736	RE143,322	RE9,963	RE220,950	RE2,740	RE149,715	RE58,561	RE170,657
March	31,481	£40,423	£12,034	£156,413	£12,352	£281,090	£3,090	£185,157	£69,003	£190,722
2021 3-Month YTD	91,478	£110,854	£34,803	£459,459	£34,893	£773,709	£8,998	£511,642	£196,583	£568,039
2020 3-Month YTD	87,775	£123,274	£45,210	£520,520	£41,433	£796,929	£10,470	£492,246	£224,663	£589,183
2019 3-Month YTD	86,577	135,868	49,234	479,355	46,120	768,657	10,373	411,024	195,635	619,830

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	RE221,544	RE657,704	RE775,706	RE19,235	RE234,432	RE105,897	£33,444	RE68,505	RE3,099,685
February	RE163,628	RE593,866	RE589,797	RE17,786	RE208,571	RE96,399	RE29,662	RE62,443	RE2,587,627
March	£219,534	£657,231	£773,522	£20,285	£227,218	£106,332	£33,265	£72,913	£3,092,064
2021 3-Month YTD	£604,706	£1,908,801	£2,139,025	£57,306	£670,221	£308,627	£96,371	£203,861	£8,779,376
2020 3-Month YTD	£764,260	£1,803,779	£2,430,856	£64,134	£610,869	£346,403	£106,516	£247,751	£9,306,272
2019 3-Month YTD	768,940	1,675,061	2,168,667	67,636	495,476	356,476	114,774	258,933	8,708,637

^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 DrillingInfo, 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	535
March	4,379	2,030	6,409	845	71.3	236	285	49
April	4,384	2,333	6,717	773	49.6	437	131	-306
May	4,387	2,778	7,165	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

^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.

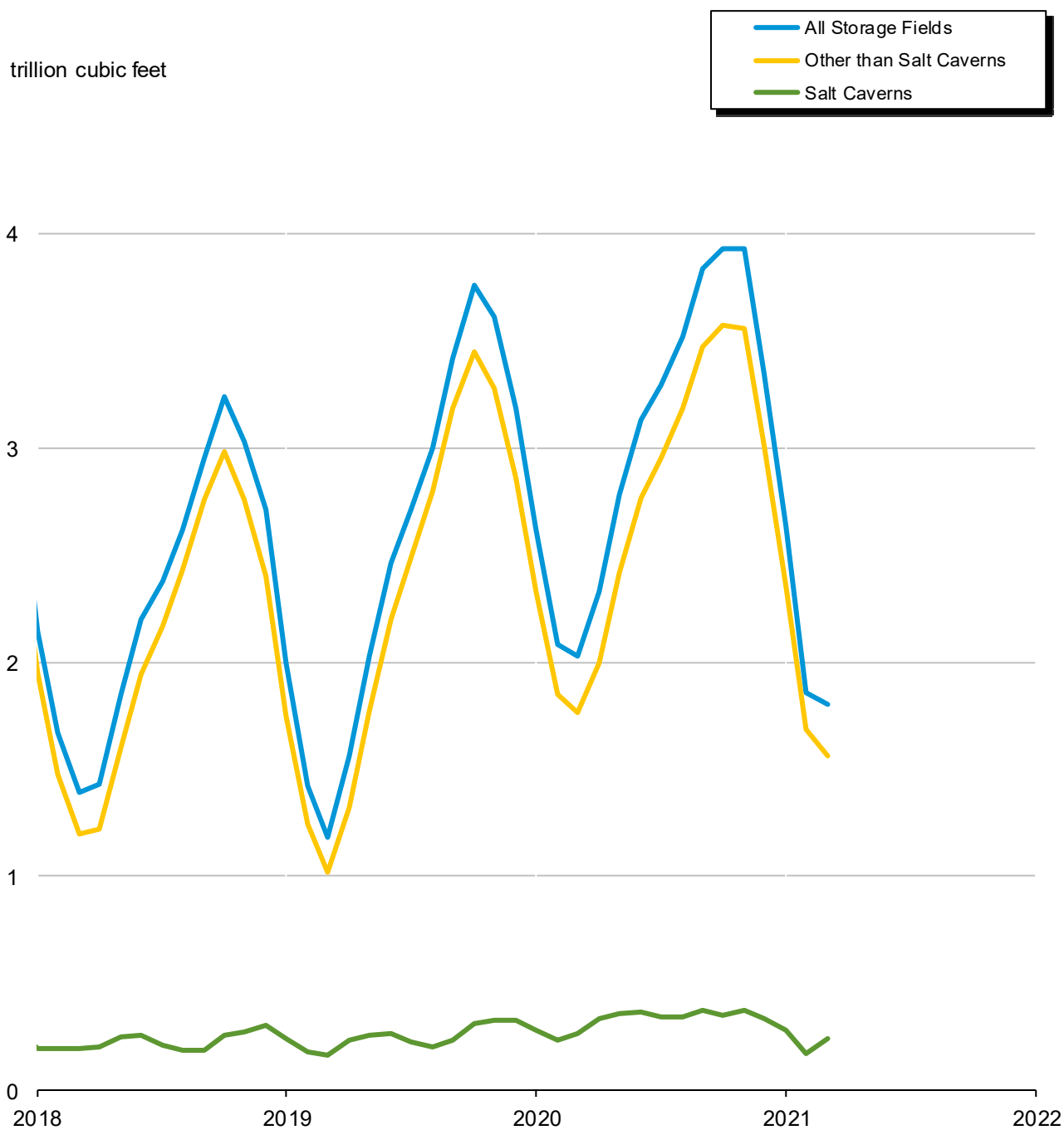
-- Not applicable.

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

Figure 5



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 Heating Season								
November	4,356	3,030	7,386	-679	-18.3	213	418	205
December	4,361	2,708	7,069	-324	-10.7	191	511	320
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
Total	--	--	--	--	--	793	2,840	2,047
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	535
March	4,379	2,030	6,409	845	71.3	236	285	49
Total	--	--	--	--	--	769	2,492	1,723
2020 Refill Season								
April	4,384	2,333	6,717	773	49.6	437	131	-306
May	4,387	2,778	7,165	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	2,903	2,131

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

-- Not applicable.

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
2021 3-Month YTD	--	--	--	--	--	211	312	101
2020 3-Month YTD	--	--	--	--	--	155	217	62
2019 3-Month YTD	--	--	--	--	--	156	299	144

^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	6,515	583	33.3	52	578	526
February	4,180	1,850	6,030	606	48.8	61	545	483
March	4,179	1,767	5,946	746	73.1	161	245	84
April	4,182	1,999	6,181	674	50.9	335	99	-236
May	4,184	2,419	6,603	646	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	731	675
March	4,190	1,560	5,750	-206	-11.7	158	282	124
2021 3-Month YTD	--	--	--	--	--	249	1,695	1,446
2020 3-Month YTD	--	--	--	--	--	275	1,368	1,093
2019 3-Month YTD	--	--	--	--	--	233	1,612	1,378

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

State	2021			Total	2020	
	March	February	January		December	November
Alabama	-6,884	6,905	2,591	-1,740	2,532	-528
Alaska ^a	1,491	1,797	1,611	4,330	1,601	1,493
Arkansas	480	1,352	1,208	-35	1,019	505
California	8,459	36,861	17,158	-38,314	28,116	4,522
Colorado	1,381	11,052	11,570	-3,981	9,004	-4,096
Illinois	31,440	48,591	59,429	-3,947	45,251	-4,152
Indiana	2,162	5,629	6,498	506	3,993	-832
Iowa	6,088	12,008	19,762	-9,470	19,832	-4,156
Kansas	4,590	21,201	18,141	-3,274	8,039	-2,237
Kentucky	-3,375	19,938	19,217	-143	16,377	5,202
Louisiana	-25,836	90,715	61,714	-23,836	43,071	-9,396
Maryland	2,909	3,063	639	157	2,284	-968
Michigan	22,481	151,646	120,019	-22,157	103,950	10,280
Minnesota	430	526	155	51	163	-118
Mississippi	-30,323	34,159	27,082	-569	24,569	-3,659
Missouri	-333	954	21	314	-120	-784
Montana	3,229	6,705	7,243	-7,211	7,020	3,420
Nebraska	368	1,895	2,631	135	2,851	-36
New Mexico	-670	3,642	2,692	-5,680	759	-604
New York	6,696	17,603	23,290	-317	18,349	2,928
Ohio	14,441	39,180	49,454	-10,198	35,053	1,241
Oklahoma	-3,759	27,437	37,092	8,690	37,091	1,470
Oregon	1,782	6,615	4,348	205	3,636	-1,004
Pennsylvania	23,890	79,990	84,848	7,422	58,158	3,070
Tennessee	-7	98	23	-57	23	2
Texas	-19,175	87,805	63,252	-51,225	40,026	-17,889
Utah	-4,663	9,523	9,163	-1,753	14,314	2,324
Virginia	-197	1,527	281	629	554	-376
Washington	2,431	6,790	1,286	723	1,944	322
West Virginia	17,293	39,167	47,695	-5,911	50,513	8,073
Wyoming	2,182	6,918	6,957	-11,342	7,281	2,177
Regions						
East Region	65,032	180,531	206,207	-8,217	164,912	13,968
South Central Region	-80,908	269,575	211,080	-71,989	156,346	-31,733
Midwest Region	58,887	239,390	225,123	-34,903	189,469	5,441
Mountain Region	1,826	39,736	40,256	-29,832	41,229	3,184
Pacific Region	12,673	50,267	22,792	-37,386	33,696	3,840
Total Lower 48 States	57,510	779,498	705,458	-182,327	585,653	-5,300
U.S. Total	59,001	781,295	707,069	-177,997	587,253	-3,807

See footnotes at end of table.

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

(million cubic feet) – continued

State	2020					
	October	September	August	July	June	May
Alabama	1,436	-3,260	656	185	-112	-669
Alaska ^a	-219	-1,734	-2,331	-1,752	-1,325	-1,049
Arkansas	-162	-599	-1,102	-914	-823	-715
California	-4,004	-10,674	5,352	-2,993	-24,699	-37,280
Colorado	3,066	-6,359	-5,458	-5,209	-7,293	-5,942
Illinois	-38,409	-40,475	-40,365	-29,436	-28,451	-18,009
Indiana	-2,910	-3,960	-2,695	-2,071	-2,056	-1,146
Iowa	-13,421	-14,935	-11,918	-1,925	-5,646	-5,357
Kansas	4,761	-12,894	-4,208	-4,248	-12,961	-15,574
Kentucky	-822	-7,890	-3,185	-805	-737	-13,240
Louisiana	5,951	-21,814	-15,845	5,790	-23,311	-33,607
Maryland	-623	-1,600	-1,761	-777	-1,845	-868
Michigan	-5,190	-50,877	-49,165	-45,869	-70,214	-79,406
Minnesota	-228	-203	-236	-221	-17	6
Mississippi	3,455	-11,991	-3,381	10,563	-3,526	-8,364
Missouri	365	-29	-53	-30	-155	-32
Montana	-1,911	-4,844	-4,116	-5,136	-6,194	-5,667
Nebraska	-644	-1,093	634	-711	-2,341	-2,232
New Mexico	-1,665	-1,008	-1,183	-1,374	-1,626	-721
New York	-8,027	-9,947	-8,078	-3,460	-6,309	-13,599
Ohio	-15,732	-21,735	-23,566	-23,579	-26,693	-26,555
Oklahoma	949	-14,440	-7,967	-8,719	-15,991	-21,149
Oregon	648	128	-843	-920	-3,919	-4,996
Pennsylvania	-21,162	-35,932	-26,992	-15,408	-38,467	-60,384
Tennessee	-50	0	-69	-35	-32	-43
Texas	13,464	-18,300	8,451	11,730	-24,368	-38,554
Utah	-697	-3,821	-4,518	-7,983	-8,599	-9,108
Virginia	-113	-59	-273	-107	-808	45
Washington	2,020	-1,275	-299	693	-2,712	-6,967
West Virginia	-8,676	-18,786	-23,060	-23,394	-28,495	-26,222
Wyoming	-3,846	-3,015	78	-3,048	-8,224	-10,598
Regions						
East Region	-54,334	-88,058	-83,729	-66,726	-102,618	-127,585
South Central Region	29,853	-83,297	-23,397	14,386	-81,092	-118,633
Midwest Region	-60,665	-118,369	-107,687	-80,391	-107,308	-117,228
Mountain Region	-5,697	-20,140	-14,562	-23,461	-34,276	-34,268
Pacific Region	-1,335	-11,821	4,210	-3,220	-31,330	-49,243
Total Lower 48 States	-92,178	-321,686	-225,164	-159,412	-356,624	-446,957
U.S. Total	-92,397	-323,420	-227,495	-161,165	-357,949	-448,006

See footnotes at end of table.

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

(million cubic feet) – continued

State	2020				2019	
	April	March	February	January	Total	December
Alabama	-4,401	-1,483	3,469	437	-4,680	-1,295
Alaska ^a	421	2,313	2,415	4,497	4,432	2,439
Arkansas	-307	853	1,273	935	-70	861
California	-22,091	-3,906	-1,238	30,582	-28,135	35,944
Colorado	-2,235	2,258	9,496	8,787	-8,796	5,859
Illinois	7,597	34,667	55,297	52,539	-17,252	40,690
Indiana	97	1,494	5,572	5,021	-2,817	2,562
Iowa	233	5,299	8,457	14,066	-1,067	17,729
Kansas	-11,701	6,016	21,799	19,934	-15,186	6,480
Kentucky	-14,070	1,268	10,761	6,998	-16,890	9,942
Louisiana	-50,797	-26,675	52,915	49,883	-97,581	19,539
Maryland	3,082	789	836	1,610	1,515	1,369
Michigan	-46,163	27,045	95,262	88,190	-74,588	72,853
Minnesota	14	164	512	216	75	70
Mississippi	-19,413	-24,955	21,589	14,543	-12,218	1,340
Missouri	867	-28	20	292	444	74
Montana	-2,311	1,101	5,335	6,092	402	4,893
Nebraska	-1,101	591	1,976	2,242	-1,366	1,296
New Mexico	-2,284	-1,466	4,273	1,221	-11,780	1,790
New York	-6,240	1,299	15,319	17,449	-15,314	13,325
Ohio	-5,329	22,278	37,230	37,188	-15,342	27,435
Oklahoma	-14,811	-6,319	27,662	30,914	-10,971	21,675
Oregon	-105	1,474	4,346	1,760	-1,844	958
Pennsylvania	-8,892	26,065	63,825	63,541	-57,975	42,184
Tennessee	*	28	68	51	-179	12
Texas	-65,511	-30,105	27,121	42,711	-79,335	34,819
Utah	-4,799	2,405	9,643	9,085	-4,277	10,361
Virginia	288	412	594	473	-38	13
Washington	-4,459	1,049	7,727	2,679	-459	758
West Virginia	-26,952	2,249	36,954	51,885	-18,213	37,597
Wyoming	-4,839	2,955	4,961	4,776	-10,216	4,901
Regions						
East Region	-44,042	53,092	154,758	172,146	-105,366	121,922
South Central Region	-166,941	-82,667	155,827	159,358	-220,041	83,417
Midwest Region	-51,424	69,936	175,950	167,372	-112,275	143,932
Mountain Region	-17,569	7,843	35,684	32,202	-36,032	29,099
Pacific Region	-26,656	-1,383	10,835	35,021	-30,438	37,660
Total Lower 48 States	-306,632	46,821	533,054	566,098	-504,151	416,031
U.S. Total	-306,210	49,134	535,469	570,595	-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
Alabama	-3,103	-3,437	-1,058	1,779	1,992	119
Alaska ^a	1,272	193	-843	-1,320	-1,508	-1,526
Arkansas	578	-231	-583	-886	-798	-768
California	12,544	-1,316	-13,476	-6,262	-11,473	-39,458
Colorado	-549	36	-6,314	-8,948	-5,274	-9,284
Illinois	2,466	-39,931	-39,814	-34,114	-21,798	-31,465
Indiana	-674	-2,665	-3,454	-4,377	-2,746	-2,270
Iowa	10,941	-15,128	-18,004	-14,316	-2,823	-3,932
Kansas	2,754	3,567	-10,591	-11,621	-12,415	-15,807
Kentucky	5,765	-4,815	-9,197	-8,989	-8,250	-9,025
Louisiana	3,691	-44,922	-37,776	-10,645	-18,409	-39,117
Maryland	-1,145	-2,900	-429	-247	-1,498	-395
Michigan	54,381	-50,509	-86,378	-76,948	-81,089	-93,949
Minnesota	-52	-270	-288	-273	-192	-23
Mississippi	-4,722	-27,125	-6,496	-2,273	9,277	790
Missouri	-86	-307	7	7	8	8
Montana	2,538	864	-3,961	-3,624	-3,787	-4,224
Nebraska	310	275	-1,028	-1,218	-1,188	-2,241
New Mexico	1,682	-2,024	-2,162	-938	-2,974	-2,008
New York	176	-14,260	-17,487	-13,493	-3,597	-7,902
Ohio	11,806	-18,142	-24,910	-28,593	-23,011	-25,172
Oklahoma	9,235	-10,247	-12,135	-6,377	-15,795	-18,719
Oregon	-1,987	17	-1,508	418	-2,991	-3,170
Pennsylvania	13,862	-34,039	-56,268	-44,933	-22,994	-53,396
Tennessee	9	0	0	-95	-49	-45
Texas	2,360	-59,099	-31,098	22,555	11,375	-18,342
Utah	2,648	-2,353	-6,667	-4,869	-7,263	-7,794
Virginia	-59	-13	-632	-10	275	-585
Washington	-812	3,069	-2,826	1,168	975	-1,299
West Virginia	21,547	-17,448	-21,341	-26,666	-22,905	-31,677
Wyoming	2,305	-2,593	-2,433	459	-3,169	-8,583
Regions						
East Region	46,186	-86,802	-121,067	-113,942	-73,729	-119,128
South Central Region	10,792	-141,494	-99,737	-7,468	-24,774	-91,845
Midwest Region	72,749	-113,626	-157,129	-139,105	-116,940	-140,701
Mountain Region	8,933	-5,794	-22,565	-19,137	-23,655	-34,133
Pacific Region	9,745	1,770	-17,809	-4,676	-13,489	-43,928
Total Lower 48 States	148,406	-345,947	-418,306	-284,327	-252,586	-429,734
U.S. Total	149,678	-345,754	-419,150	-285,647	-254,094	-431,260

See footnotes at end of table.

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

(million cubic feet) – continued

State	2019				
	May	April	March	February	January
Alabama	-1,047	-4,541	1,480	3,277	1,154
Alaska ^a	-1,169	-145	1,222	2,658	3,160
Arkansas	-903	-312	696	1,094	1,185
California	-45,527	-39,081	-1,442	50,783	30,628
Colorado	-2,673	-482	1,062	7,360	10,411
Illinois	-29,250	-2,460	21,726	44,951	71,746
Indiana	-2,093	-99	2,798	3,994	6,207
Iowa	-4,426	-332	2,664	8,451	18,111
Kansas	-17,835	-13,773	7,971	22,056	24,030
Kentucky	-11,913	-15,484	4,786	11,343	18,947
Louisiana	-42,654	-56,512	17,530	50,759	60,935
Maryland	-1,647	-1,044	3,480	2,834	3,137
Michigan	-86,826	-45,883	65,710	115,237	138,813
Minnesota	6	59	277	250	512
Mississippi	-6,327	-24,390	6,673	14,485	26,551
Missouri	8	-201	-410	11	1,325
Montana	-2,731	-1,857	1,364	6,273	4,655
Nebraska	-1,551	-604	304	2,061	2,218
New Mexico	-3,961	-2,805	-148	727	1,041
New York	-5,889	-7,371	7,677	14,552	18,955
Ohio	-22,804	-9,978	25,100	34,073	38,856
Oklahoma	-24,181	-16,486	8,971	25,251	27,838
Oregon	-2,302	-750	15	4,007	5,447
Pennsylvania	-55,605	-33,670	41,514	65,257	80,114
Tennessee	-82	-37	24	6	78
Texas	-38,598	-64,861	1,132	18,399	42,024
Utah	-7,668	-4,492	5,387	8,384	10,048
Virginia	234	-603	419	-55	979
Washington	-6,802	-3,896	-2,335	5,868	5,673
West Virginia	-38,734	-27,036	18,400	39,896	50,155
Wyoming	-6,945	-2,941	1,199	3,903	3,680
Regions					
East Region	-124,445	-79,702	96,588	156,555	192,196
South Central Region	-131,547	-180,876	44,452	135,322	183,717
Midwest Region	-134,577	-64,436	97,575	184,242	255,741
Mountain Region	-25,528	-13,181	9,168	28,709	32,052
Pacific Region	-54,630	-43,727	-3,761	60,659	41,748
Total Lower 48 States	-470,728	-381,922	244,022	565,487	705,454
U.S. Total	-471,898	-382,067	245,243	568,145	708,614

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

* 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, March 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	20,470	30,920	1,552	8.2	7,410	526
Alaska ^a	5	83,592	67,915	14,197	23,391	37,588	-13	-0.1	51	1,542
Arkansas	2	21,972	8,894	13,078	292	13,370	57	24.5	56	536
California	14	604,048	373,966	230,115	185,511	415,626	1,277	0.7	10,313	18,772
Colorado	10	141,407	72,754	61,090	26,795	87,884	511	1.9	4,159	5,539
Illinois	28	1,014,401	303,613	712,818	75,596	788,415	6,411	9.3	3,817	35,257
Indiana	23	112,987	32,109	80,879	9,649	90,527	-3,458	-26.4	124	2,286
Iowa	4	288,210	90,313	197,881	21,147	219,028	-566	-2.6	5	6,094
Kansas	16	282,986	122,982	163,805	50,833	214,638	6,565	14.8	5,330	9,920
Kentucky	22	221,695	107,596	112,755	44,122	156,876	-16,610	-27.4	7,650	4,275
Louisiana	19	747,223	452,902	287,057	235,319	522,377	-30,467	-11.5	54,920	29,084
Maryland	1	64,000	18,300	45,677	7,370	53,047	-3,534	-32.4	846	3,755
Michigan	44	1,071,608	683,820	385,929	240,864	626,793	-61,299	-20.3	13,465	35,946
Minnesota	1	7,000	2,000	4,848	876	5,724	-270	-23.5	0	430
Mississippi	11	331,094	201,967	121,064	91,260	212,324	-17,590	-16.2	41,343	11,020
Missouri	1	13,845	3,656	10,189	1,745	11,934	-672	-27.8	397	64
Montana	4	376,225	197,477	181,159	4,188	185,347	2,013	92.6	34	3,263
Nebraska	1	34,850	12,653	22,197	4,259	26,455	17	0.4	0	368
New Mexico	2	89,100	59,738	29,362	35,202	64,564	4,042	13.0	1,658	989
New York	26	245,779	127,487	114,805	45,365	160,170	-14,328	-24.0	4,168	10,864
Ohio	24	575,109	253,750	326,264	50,466	376,730	-2,095	-4.0	3,040	17,481
Oklahoma	12	372,390	197,921	173,795	62,816	236,611	-15,057	-19.3	11,110	7,352
Oregon	8	34,929	20,020	14,909	2,249	17,158	-5,448	-70.8	257	2,040
Pennsylvania	49	763,296	427,601	335,779	139,465	475,244	-43,392	-23.7	21,981	45,871
Tennessee	2	2,400	1,800	878	1,233	2,110	87	7.6	8	1
Texas	35	847,640	544,435	296,378	298,578	594,956	-42,489	-12.5	54,633	35,458
Utah	3	124,509	54,942	69,508	21,760	91,268	8,798	67.9	5,791	1,127
Virginia	2	8,960	4,930	4,030	2,718	6,748	-692	-20.3	706	509
Washington	1	46,900	24,600	22,300	8,740	31,040	224	2.6	2,100	4,532
West Virginia	31	531,706	268,803	264,260	67,267	331,527	-8,611	-11.3	6,218	23,511
Wyoming	9	155,995	74,297	80,554	21,223	101,777	6,172	41.0	563	2,745
Regions										
East Region	133	2,188,849	1,100,871	1,090,815	312,651	1,403,466	-72,651	-18.9	36,959	101,991
South Central Region	97	2,646,905	1,562,251	1,065,627	759,568	1,825,196	-97,428	-11.4	174,803	93,895
Midwest Region	125	2,732,146	1,224,906	1,506,176	395,231	1,901,408	-76,378	-16.2	25,467	84,354
Mountain Region	29	922,086	471,861	443,870	113,427	557,296	21,553	23.5	12,205	14,031
Pacific Region	23	685,877	418,586	267,324	196,500	463,824	-3,948	-2.0	12,670	25,343
Total Lower 48 States	407	9,175,863	4,778,475	4,373,812	1,777,378	6,151,190	-228,852	-11.4	262,105	319,614
U.S. Total	412	9,259,456	4,846,390	4,388,009	1,800,769	6,188,778	-228,864	-11.3	262,155	321,156

^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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Alabama	16,866	13,490	15,738	3,225	6,542	7,100	27,719
Alaska	8,159	9,013	7,194	2,722	2,792	2,645	21,022
Arizona	20,033	19,991	21,537	5,373	6,417	8,243	40,884
Arkansas	20,048	15,643	17,473	5,733	7,234	7,081	31,070
California	176,723	175,706	193,156	55,052	52,928	68,743	NA
Colorado	62,924	54,981	64,094	17,162	22,485	23,277	135,263
Connecticut	25,399	22,432	25,191	6,866	8,755	9,778	NA
Delaware	6,220	NA	6,329	1,512	2,291	2,417	NA
District of Columbia	5,576	4,932	5,902	1,293	2,119	2,164	10,877
Florida	7,486	NA	6,297	1,947	2,514	3,025	NA
Georgia	58,200	51,057	54,369	12,385	20,953	24,862	119,873
Hawaii	164	154	164	54	52	57	603
Idaho	13,208	12,198	13,202	3,387	4,626	5,196	29,932
Illinois	194,364	182,590	218,292	44,330	78,190	71,843	395,124
Indiana	65,744	62,554	74,243	14,533	25,959	25,252	132,367
Iowa	32,213	30,765	36,926	6,974	13,532	11,708	NA
Kansas	33,887	29,221	36,299	6,884	14,889	12,113	61,149
Kentucky	25,285	21,676	25,409	4,888	10,370	10,027	45,666
Louisiana	18,407	NA	16,428	4,091	7,411	6,905	NA
Maine	1,469	1,330	1,500	406	501	562	NA
Maryland	39,895	35,567	43,256	9,438	14,714	15,743	74,376
Massachusetts	57,858	51,107	65,247	16,511	19,834	21,513	NA
Michigan	147,864	140,535	162,580	33,723	57,939	56,202	312,321
Minnesota	62,881	NA	69,855	16,061	24,088	22,732	NA
Mississippi	NA	10,026	10,657	2,840	NA	NA	NA
Missouri	53,510	49,485	58,422	10,069	22,267	21,174	99,411
Montana	9,401	9,237	11,650	2,451	3,619	3,332	NA
Nebraska	18,763	18,235	21,555	4,185	7,844	6,734	37,445
Nevada	21,352	20,360	22,920	6,168	6,982	8,202	45,919
New Hampshire	3,694	3,335	4,106	987	1,275	1,432	6,890
New Jersey	113,817	98,789	117,569	28,123	41,470	44,224	221,609
New Mexico	18,956	NA	19,454	5,347	6,287	7,322	NA
New York	213,888	190,996	232,692	57,971	76,860	79,057	429,989
North Carolina	36,552	29,273	34,656	7,578	12,227	16,746	NA
North Dakota	5,890	6,049	6,691	1,727	2,061	2,102	12,471
Ohio	138,990	125,767	148,361	32,687	53,885	52,418	272,704
Oklahoma	33,133	28,550	36,369	6,320	13,858	12,955	59,329
Oregon	20,208	18,939	21,222	6,050	7,119	7,040	45,509
Pennsylvania	117,520	100,753	126,054	28,325	42,725	46,470	218,091
Rhode Island	9,306	8,096	9,626	2,532	3,170	3,604	17,900
South Carolina	17,148	13,736	14,453	3,600	6,239	7,309	28,305
South Dakota	6,561	6,231	7,526	1,906	2,501	2,154	12,924
Tennessee	39,337	NA	35,679	7,328	15,847	16,162	NA
Texas	116,046	91,061	116,698	26,498	50,595	38,953	NA
Utah	30,271	30,010	34,768	8,394	9,576	12,301	NA
Vermont	1,817	1,654	2,011	533	634	651	3,637
Virginia	41,309	32,844	44,602	10,070	14,277	16,962	NA
Washington	NA	NA	39,468	10,816	13,322	NA	NA
West Virginia	12,629	10,871	12,535	2,986	4,689	4,954	22,609
Wisconsin	65,574	61,664	73,297	15,011	26,190	24,372	135,930
Wyoming	7,213	5,865	6,317	1,984	2,670	2,559	13,401
Total	2,303,488	2,077,971	2,450,038	567,036	860,364	876,088	4,648,266

See footnotes at end of table.

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

(million cubic feet) – continued

State	2020						
	December	November	October	September	August	July	June
Alabama	4,771	2,505	1,097	794	687	713	817
Alaska	2,686	2,604	1,675	886	548	498	611
Arizona	5,886	3,012	1,670	1,252	1,139	1,328	1,559
Arkansas	5,792	2,587	1,159	628	518	588	664
California	67,509	45,650	23,145	19,004	19,821	22,572	22,897
Colorado	23,247	15,888	10,233	4,247	2,892	2,804	3,466
Connecticut	7,963	NA	2,458	1,148	1,047	1,213	1,596
Delaware	1,925	846	338	201	166	189	238
District of Columbia	2,095	956	351	262	230	260	304
Florida	2,155	1,343	1,067	904	918	936	NA
Georgia	22,744	10,773	5,501	4,335	4,023	3,949	4,296
Hawaii	53	45	48	46	50	51	50
Idaho	5,445	4,177	1,857	799	597	597	892
Illinois	64,329	36,411	24,255	9,032	7,695	7,541	9,771
Indiana	23,947	12,580	7,593	2,947	2,218	2,174	2,528
Iowa	10,757	5,950	4,149	1,548	1,110	NA	1,385
Kansas	10,336	5,823	4,260	1,383	1,064	1,193	1,213
Kentucky	9,307	4,382	2,083	891	720	765	829
Louisiana	6,158	3,064	1,980	1,523	1,220	1,393	1,375
Maine	424	272	NA	67	53	54	72
Maryland	12,125	6,661	3,248	1,771	1,358	1,871	2,027
Massachusetts	18,904	NA	NA	2,942	2,046	2,812	3,193
Michigan	50,083	30,281	22,202	8,318	5,472	5,546	6,492
Minnesota	20,224	14,167	9,621	3,428	2,700	2,590	NA
Mississippi	4,267	2,126	902	589	582	607	666
Missouri	18,630	9,766	3,876	2,097	1,833	1,770	1,957
Montana	3,173	2,327	NA	467	406	548	773
Nebraska	6,090	3,423	1,595	835	755	826	1,076
Nevada	7,207	4,009	2,046	1,533	1,316	1,584	1,963
New Hampshire	1,238	484	221	183	138	160	156
New Jersey	38,106	19,768	8,861	5,312	4,567	6,385	6,631
New Mexico	7,031	3,565	1,740	1,168	1,001	1,078	1,050
New York	70,585	39,102	17,381	11,244	10,195	11,144	13,001
North Carolina	14,724	6,050	2,046	1,411	1,095	NA	NA
North Dakota	1,907	1,433	564	249	210	190	233
Ohio	47,909	25,958	12,499	5,754	5,151	4,802	5,955
Oklahoma	11,620	5,636	1,769	1,455	1,249	1,186	1,316
Oregon	7,264	6,043	2,910	1,156	1,000	1,170	1,575
Pennsylvania	38,219	18,947	9,673	4,534	3,933	3,759	5,656
Rhode Island	3,112	1,728	535	453	424	424	431
South Carolina	6,567	2,231	904	628	481	522	690
South Dakota	2,076	1,234	640	270	208	210	289
Tennessee	14,282	5,676	2,161	1,287	1,156	1,173	1,518
Texas	39,667	16,177	NA	6,453	6,428	6,835	7,010
Utah	14,162	5,752	2,418	1,896	1,719	2,115	2,865
Vermont	521	319	149	103	78	85	122
Virginia	14,520	5,991	3,175	1,782	1,592	1,744	1,945
Washington	12,924	11,118	6,446	2,303	1,994	2,345	2,786
West Virginia	3,904	2,085	1,072	500	315	322	669
Wisconsin	22,161	12,233	10,400	3,167	2,522	2,469	2,794
Wyoming	2,151	1,533	568	290	199	248	397
Total	792,881	439,021	240,412	125,476	108,838	117,405	135,813

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	
	May	April	March	February	January	Total	December
Alabama	1,204	1,640	2,607	5,259	5,624	30,616	5,044
Alaska	924	1,577	2,611	2,749	3,653	17,951	2,685
Arizona	1,939	3,110	4,675	6,891	8,425	42,085	5,947
Arkansas	1,463	2,028	4,386	5,061	6,195	33,718	5,438
California	27,770	NA	52,770	52,704	70,232	464,672	60,983
Colorado	5,252	12,253	12,625	20,685	21,671	142,692	22,258
Connecticut	2,637	4,839	5,798	8,293	8,341	52,228	8,492
Delaware	556	NA	NA	NA	2,044	11,643	1,986
District of Columbia	581	907	1,187	1,806	1,939	12,065	2,251
Florida	NA	1,473	NA	2,136	NA	16,565	1,952
Georgia	5,775	7,420	10,679	19,285	21,093	123,249	18,521
Hawaii	50	57	51	49	54	576	46
Idaho	1,283	2,087	3,142	4,434	4,622	30,803	4,861
Illinois	20,180	33,320	46,335	66,414	69,840	438,021	59,858
Indiana	6,012	9,814	15,588	23,335	23,630	142,806	20,252
Iowa	2,587	5,168	7,324	11,019	12,423	71,385	9,970
Kansas	2,120	4,535	6,586	10,360	12,275	68,123	10,077
Kentucky	1,806	3,207	4,690	8,417	8,570	48,777	7,953
Louisiana	1,654	2,018	3,008	4,811	NA	36,019	5,277
Maine	164	283	371	461	498	3,134	467
Maryland	3,863	5,885	8,223	12,064	15,280	81,845	13,510
Massachusetts	5,903	11,752	14,352	17,420	19,335	135,116	22,166
Michigan	16,489	26,901	36,788	51,991	51,756	332,254	46,084
Minnesota	5,198	9,816	15,291	NA	NA	144,577	22,261
Mississippi	738	NA	2,179	3,769	4,078	22,118	3,723
Missouri	3,746	6,250	10,409	18,401	20,675	110,611	17,007
Montana	1,267	1,732	2,684	3,085	3,467	23,932	3,279
Nebraska	1,632	2,978	4,589	6,055	7,590	41,639	5,822
Nevada	2,327	3,572	5,342	6,716	8,302	47,931	7,356
New Hampshire	327	646	867	1,192	1,276	8,034	1,396
New Jersey	12,651	20,542	24,118	30,994	43,677	239,055	39,094
New Mexico	1,230	2,454	4,766	NA	6,921	42,384	7,222
New York	25,913	40,428	52,224	65,690	73,083	473,617	71,422
North Carolina	2,629	3,484	5,725	10,617	12,931	67,948	12,688
North Dakota	512	1,125	1,578	2,016	2,455	13,124	2,004
Ohio	15,432	23,477	32,235	47,512	46,020	290,080	44,442
Oklahoma	2,269	4,279	6,060	10,926	11,564	67,890	10,706
Oregon	2,165	3,288	5,856	6,263	6,819	47,927	7,047
Pennsylvania	12,797	19,820	25,257	35,859	39,637	236,631	38,989
Rhode Island	871	1,824	2,202	2,775	3,119	19,892	3,130
South Carolina	1,142	1,405	2,684	5,217	5,835	28,871	5,509
South Dakota	543	1,225	1,521	2,142	2,567	14,809	1,976
Tennessee	NA	4,016	NA	12,708	12,769	68,686	11,788
Texas	8,322	10,547	18,708	34,257	38,096	228,129	31,828
Utah	2,820	NA	6,919	10,782	12,308	75,938	13,171
Vermont	238	368	419	610	624	4,139	578
Virginia	NA	4,927	7,297	11,519	14,028	81,831	13,627
Washington	3,901	6,508	NA	10,967	13,006	89,967	12,890
West Virginia	940	1,931	2,660	3,987	4,223	23,850	3,758
Wisconsin	6,361	12,160	16,225	22,530	22,909	151,591	21,241
Wyoming	747	1,403	1,749	2,049	2,067	14,057	2,074
Total	235,016	375,432	524,858	732,603	820,510	5,015,603	752,105

See footnotes at end of table.

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

(million cubic feet) – continued

State	2019						
	November	October	September	August	July	June	May
Alabama	2,825	980	705	656	765	853	1,144
Alaska	1,978	1,447	823	456	413	531	982
Arizona	2,994	1,800	1,170	1,088	1,208	1,510	2,084
Arkansas	4,256	921	565	541	627	621	1,292
California	43,975	25,563	18,490	18,498	21,403	21,322	30,649
Colorado	17,685	10,443	3,101	2,749	1,028	3,957	7,697
Connecticut	6,140	1,974	1,066	933	1,025	1,338	2,278
Delaware	1,266	288	178	168	184	192	363
District of Columbia	1,481	246	253	272	228	292	395
Florida	1,190	936	886	821	813	924	1,190
Georgia	14,859	5,453	3,811	3,952	6,701	4,112	4,607
Hawaii	42	45	43	44	47	44	51
Idaho	4,169	2,818	864	552	578	730	1,138
Illinois	56,523	21,239	7,867	7,332	7,813	9,751	18,871
Indiana	18,942	6,698	2,416	2,013	2,169	2,560	4,786
Iowa	8,180	4,263	1,084	1,114	1,102	1,383	2,710
Kansas	8,053	3,903	1,249	1,025	1,168	1,178	1,911
Kentucky	6,904	1,835	743	766	794	911	1,196
Louisiana	4,123	1,507	1,171	1,249	1,057	1,211	1,555
Maine	354	141	64	49	49	83	167
Maryland	9,799	2,203	1,544	1,488	1,572	1,749	2,928
Massachusetts	14,991	4,918	2,902	2,600	2,700	3,222	6,378
Michigan	43,458	18,571	5,674	5,128	5,554	7,075	13,513
Minnesota	17,333	8,285	2,679	2,285	2,234	3,111	6,455
Mississippi	3,231	796	423	527	520	479	589
Missouri	14,237	5,498	1,610	1,668	1,752	1,940	3,231
Montana	2,953	1,328	444	269	521	829	1,079
Nebraska	5,380	1,597	643	703	767	901	1,745
Nevada	3,862	2,427	1,520	1,310	1,453	1,807	2,254
New Hampshire	626	253	187	150	150	182	375
New Jersey	28,230	8,747	5,000	4,207	4,900	6,644	9,825
New Mexico	5,034	2,112	970	1,062	1,005	1,108	1,786
New York	52,629	17,557	10,275	9,735	10,211	12,465	22,277
North Carolina	9,945	1,766	1,021	1,015	975	1,439	1,363
North Dakota	1,542	600	198	186	179	234	574
Ohio	36,355	12,187	4,874	4,306	4,855	5,378	10,285
Oklahoma	8,608	1,624	1,069	1,118	1,240	1,511	2,165
Oregon	5,687	4,322	1,405	959	962	1,297	1,692
Pennsylvania	23,738	7,970	4,202	3,931	4,013	4,855	8,448
Rhode Island	2,399	933	423	360	342	444	860
South Carolina	3,863	719	536	491	505	544	584
South Dakota	1,703	765	220	214	244	283	734
Tennessee	10,191	1,692	1,139	910	1,101	1,186	1,599
Texas	24,293	7,328	5,045	5,213	6,208	6,613	7,913
Utah	8,205	3,612	1,916	1,552	2,005	2,032	4,707
Vermont	422	140	90	81	82	128	224
Virginia	8,690	2,260	1,502	1,486	1,475	1,813	1,926
Washington	11,277	8,230	2,622	1,704	1,974	2,415	3,194
West Virginia	3,172	1,089	297	343	331	314	654
Wisconsin	19,034	9,004	2,607	2,350	2,366	3,127	7,050
Wyoming	1,847	590	190	212	261	528	866
Total	588,674	231,622	109,775	101,840	111,629	129,157	212,341

See footnotes at end of table.

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

State	2019			
	April	March	February	January
Alabama	1,904	3,973	3,793	7,973
Alaska	1,442	2,125	2,265	2,803
Arizona	2,746	5,638	7,428	8,471
Arkansas	1,984	5,714	5,127	6,631
California	30,632	51,706	74,192	67,257
Colorado	9,680	19,642	20,865	23,587
Connecticut	3,792	7,201	8,189	9,800
Delaware	689	1,730	2,084	2,515
District of Columbia	745	1,651	2,150	2,101
Florida	1,556	1,678	2,169	2,451
Georgia	6,864	14,618	15,173	24,577
Hawaii	51	55	51	58
Idaho	1,891	3,527	4,695	4,980
Illinois	30,473	60,875	71,860	85,556
Indiana	8,727	20,903	23,480	29,860
Iowa	4,652	10,039	12,610	14,277
Kansas	3,260	9,360	12,915	14,024
Kentucky	2,265	7,153	7,556	10,700
Louisiana	2,442	4,242	4,907	7,279
Maine	260	423	511	566
Maryland	3,796	11,782	14,653	16,821
Massachusetts	9,992	19,439	20,379	25,429
Michigan	24,615	46,660	51,520	64,401
Minnesota	10,081	18,683	24,708	26,464
Mississippi	1,174	2,991	2,901	4,764
Missouri	5,246	15,499	19,790	23,133
Montana	1,581	3,332	4,742	3,575
Nebraska	2,527	6,194	7,792	7,568
Nevada	3,021	6,324	8,076	8,520
New Hampshire	610	1,130	1,338	1,639
New Jersey	14,838	34,457	38,557	44,555
New Mexico	2,632	4,615	6,616	8,222
New York	34,355	70,167	73,689	88,837
North Carolina	3,081	9,502	9,943	15,211
North Dakota	917	1,764	2,536	2,391
Ohio	19,037	43,223	47,362	57,776
Oklahoma	3,481	9,429	12,543	14,397
Oregon	3,332	5,943	7,977	7,302
Pennsylvania	14,432	35,444	40,218	50,391
Rhode Island	1,374	2,783	3,061	3,781
South Carolina	1,668	3,680	4,302	6,471
South Dakota	1,144	2,105	2,763	2,657
Tennessee	3,403	9,929	10,247	15,503
Texas	16,990	33,326	38,167	45,205
Utah	3,970	9,212	11,743	13,813
Vermont	383	573	680	758
Virginia	4,451	11,686	14,417	18,500
Washington	6,195	10,491	15,673	13,304
West Virginia	1,355	3,842	3,677	5,017
Wisconsin	11,515	19,697	24,516	29,084
Wyoming	1,171	1,986	2,116	2,215
Total	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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Alabama	9,812	8,695	9,976	2,047	3,759	4,007	22,764
Alaska	6,255	6,915	5,579	2,115	2,149	1,991	NA
Arizona	12,429	13,043	12,099	3,461	4,211	4,758	35,592
Arkansas	21,534	19,208	20,036	6,555	7,406	7,572	53,386
California	67,947	79,063	81,739	22,366	21,775	23,806	233,588
Colorado	25,472	23,242	26,590	7,321	8,886	9,265	56,710
Connecticut	22,446	20,717	22,658	6,266	7,736	8,445	NA
Delaware	5,915	NA	6,094	1,548	2,112	2,256	NA
District of Columbia	5,840	5,606	6,560	1,676	2,088	2,076	NA
Florida	NA	NA	18,261	5,508	5,895	NA	NA
Georgia	22,617	20,701	22,024	5,147	8,155	9,316	51,098
Hawaii	445	606	663	157	140	148	1,730
Idaho	7,812	7,384	8,041	2,152	2,710	2,950	19,521
Illinois	97,966	92,312	106,335	25,608	38,357	34,001	213,663
Indiana	36,488	35,181	40,655	8,419	14,745	13,325	80,876
Iowa	22,524	21,578	25,435	5,285	9,278	7,962	51,052
Kansas	17,719	15,147	17,577	4,174	7,318	6,226	38,253
Kentucky	17,235	15,029	17,111	3,806	6,786	6,644	33,314
Louisiana	10,311	9,118	10,561	2,792	3,923	3,597	NA
Maine	NA	3,791	4,336	1,121	1,353	NA	NA
Maryland	25,908	25,560	31,288	7,614	9,006	9,288	65,961
Massachusetts	42,343	40,614	51,817	11,456	15,384	15,502	NA
Michigan	75,483	72,399	81,458	20,016	28,461	27,006	163,952
Minnesota	46,145	NA	50,835	13,070	17,117	15,959	NA
Mississippi	8,792	7,362	7,611	2,149	3,239	3,404	NA
Missouri	28,582	26,925	31,324	6,248	11,583	10,751	60,009
Montana	9,612	9,688	11,493	2,508	3,728	3,377	NA
Nebraska	13,640	13,755	15,748	3,107	5,715	4,817	32,306
Nevada	10,370	11,624	12,622	2,952	3,437	3,982	29,097
New Hampshire	4,437	4,063	4,942	1,198	1,526	1,712	8,466
New Jersey	62,213	56,603	66,898	16,213	21,927	24,074	138,421
New Mexico	11,289	NA	10,791	3,281	3,657	4,351	NA
New York	114,962	109,678	131,725	31,900	40,966	42,096	283,446
North Carolina	22,165	19,902	23,244	5,556	7,298	9,312	NA
North Dakota	6,661	6,951	7,297	1,951	2,336	2,374	15,109
Ohio	77,611	70,985	82,769	18,952	29,560	29,099	162,676
Oklahoma	20,243	18,319	22,081	4,505	8,221	7,516	42,281
Oregon	11,857	11,892	13,261	3,714	4,093	4,050	28,337
Pennsylvania	68,906	63,352	76,591	17,078	24,413	27,414	146,505
Rhode Island	5,418	4,896	5,871	1,530	1,824	2,064	10,632
South Carolina	8,741	8,372	8,869	2,360	3,095	3,286	23,029
South Dakota	5,363	5,241	6,121	1,588	1,981	1,793	11,657
Tennessee	23,956	NA	23,226	5,156	9,367	9,433	NA
Texas	67,041	61,994	73,286	16,856	25,696	24,489	NA
Utah	17,619	17,375	19,948	4,820	6,068	6,730	NA
Vermont	2,653	2,543	2,872	769	895	989	6,754
Virginia	27,251	23,332	30,580	6,667	9,611	10,973	63,114
Washington	NA	21,759	23,425	6,512	7,758	NA	54,962
West Virginia	9,281	8,373	9,651	2,472	3,287	3,522	21,094
Wisconsin	43,807	38,512	44,754	11,934	16,219	15,655	89,654
Wyoming	6,267	5,057	5,455	1,736	2,311	2,219	12,521
Total	1,333,020	1,267,345	1,450,184	353,391	488,563	491,066	3,147,056

See footnotes at end of table.

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

(million cubic feet) – continued

State							2020
	December	November	October	September	August	July	June
Alabama	3,209	2,663	1,612	1,138	1,009	981	924
Alaska	2,116	1,898	1,336	749	560	470	NA
Arizona	4,364	3,195	2,353	2,086	2,036	2,139	2,121
Arkansas	6,575	4,745	4,128	3,117	2,851	2,925	2,801
California	25,095	22,715	18,027	16,029	15,098	14,758	13,627
Colorado	9,217	6,327	4,288	1,959	1,573	1,400	1,583
Connecticut	6,811	NA	NA	2,464	2,415	2,413	2,103
Delaware	2,184	1,390	1,087	819	753	740	658
District of Columbia	2,206	1,264	778	NA	612	652	615
Florida	5,691	5,151	4,527	NA	4,101	4,031	4,104
Georgia	8,558	4,438	2,708	2,231	2,157	2,098	2,212
Hawaii	156	126	128	118	125	131	118
Idaho	3,070	2,163	1,660	904	726	735	788
Illinois	29,312	19,063	15,551	8,370	6,595	6,846	7,054
Indiana	12,736	7,654	5,916	3,540	2,487	2,387	2,398
Iowa	7,275	4,600	4,230	1,925	1,737	1,848	1,819
Kansas	5,012	3,297	2,866	1,624	1,741	1,859	1,782
Kentucky	5,918	3,028	1,909	1,156	926	879	844
Louisiana	3,727	2,691	2,438	NA	1,970	NA	2,013
Maine	1,231	831	NA	310	259	247	271
Maryland	8,945	5,574	4,331	3,672	2,815	2,765	3,365
Massachusetts	14,024	9,154	6,402	3,977	NA	4,076	3,218
Michigan	23,216	14,967	10,730	5,945	5,583	4,607	4,827
Minnesota	14,233	10,917	7,660	3,180	3,057	2,393	NA
Mississippi	2,731	1,726	1,207	948	937	887	880
Missouri	8,914	5,415	3,276	2,344	2,141	1,979	2,265
Montana	3,209	2,505	NA	1,058	941	912	1,394
Nebraska	4,613	2,959	1,896	1,197	1,257	1,231	1,369
Nevada	3,766	2,790	1,867	1,490	1,375	1,681	1,394
New Hampshire	1,503	622	308	268	191	215	187
New Jersey	21,790	12,312	6,829	5,393	4,568	5,434	8,013
New Mexico	4,644	2,971	2,138	1,320	1,084	997	990
New York	40,415	26,304	16,009	12,987	13,003	12,386	12,304
North Carolina	8,492	5,016	2,925	2,624	2,197	1,951	NA
North Dakota	2,148	1,697	802	459	410	327	332
Ohio	26,053	15,089	8,192	4,791	5,224	5,156	5,982
Oklahoma	6,659	3,807	2,513	1,735	1,522	1,534	1,536
Oregon	4,084	3,422	1,945	948	889	883	1,039
Pennsylvania	23,807	12,943	7,905	5,445	4,877	4,219	5,212
Rhode Island	1,863	1,023	313	277	239	241	261
South Carolina	3,240	2,263	1,558	1,363	1,033	1,232	1,279
South Dakota	1,723	1,152	692	369	317	312	318
Tennessee	8,931	5,385	3,042	2,404	2,289	2,229	2,218
Texas	22,263	13,852	12,918	10,469	10,064	10,309	NA
Utah	7,719	3,355	1,679	1,340	1,317	1,454	1,802
Vermont	864	655	460	336	396	350	304
Virginia	9,891	5,345	4,459	3,113	2,955	2,946	2,693
Washington	7,208	6,145	4,216	2,163	2,112	2,153	2,466
West Virginia	2,958	1,896	1,451	1,022	922	844	1,009
Wisconsin	12,777	8,649	7,045	3,174	2,893	2,622	2,612
Wyoming	1,852	1,407	665	401	289	386	472
Total	449,000	292,895	207,020	142,167	130,731	128,275	131,603

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	
	May	April	March	February	January	Total	December
Alabama	1,082	1,450	1,858	3,268	3,569	24,875	3,198
Alaska	NA	NA	2,045	2,216	2,653	14,570	1,947
Arizona	1,845	2,410	3,655	4,362	5,026	34,687	4,183
Arkansas	3,271	3,765	5,710	6,267	7,231	55,100	6,384
California	14,029	15,147	25,859	25,321	27,883	255,981	25,534
Colorado	2,451	4,671	5,559	8,625	9,059	61,755	9,209
Connecticut	2,908	4,365	5,725	7,084	7,908	57,642	8,159
Delaware	808	NA	1,431	NA	2,071	15,590	2,008
District of Columbia	681	1,085	1,449	1,912	2,244	16,125	2,317
Florida	NA	3,974	NA	6,084	NA	63,355	6,140
Georgia	2,697	3,298	4,681	7,606	8,414	53,611	7,271
Hawaii	104	117	191	196	219	2,608	214
Idaho	869	1,220	1,993	2,607	2,785	20,971	2,760
Illinois	11,201	17,357	24,914	33,402	33,996	247,280	32,173
Indiana	3,408	5,170	8,787	12,882	13,513	88,245	11,610
Iowa	2,183	3,857	5,603	7,713	8,263	57,985	7,608
Kansas	1,851	3,074	3,998	5,383	5,767	41,320	5,421
Kentucky	1,388	2,238	3,564	5,582	5,882	37,395	5,314
Louisiana	1,733	2,175	2,598	3,285	3,234	32,980	3,581
Maine	469	776	1,071	1,315	1,405	9,919	1,369
Maryland	3,891	5,044	6,820	8,687	10,052	76,349	10,497
Massachusetts	4,903	8,855	10,792	14,224	15,597	121,518	16,205
Michigan	8,055	13,622	20,172	25,569	26,658	181,825	24,076
Minnesota	4,315	7,130	11,816	NA	NA	113,428	16,690
Mississippi	963	NA	1,855	2,666	2,842	19,935	2,658
Missouri	2,726	4,024	6,350	9,868	10,708	67,930	9,092
Montana	1,720	2,062	2,779	3,279	3,630	27,790	3,472
Nebraska	1,557	2,471	3,620	4,466	5,669	35,388	4,351
Nevada	1,243	1,865	3,502	3,766	4,356	35,190	4,326
New Hampshire	367	742	1,055	1,426	1,582	10,135	1,660
New Jersey	6,375	11,103	14,351	17,462	24,790	155,507	22,024
New Mexico	914	1,352	2,971	NA	4,108	29,661	4,870
New York	16,280	24,079	29,676	38,519	41,483	322,778	41,826
North Carolina	2,355	2,997	4,416	7,043	8,443	57,310	7,461
North Dakota	677	1,306	1,901	2,303	2,748	15,455	2,391
Ohio	7,965	13,238	18,315	26,044	26,626	177,428	24,590
Oklahoma	1,890	2,765	4,271	6,817	7,231	48,791	6,618
Oregon	1,328	1,910	3,611	4,011	4,270	32,379	4,263
Pennsylvania	7,096	11,650	16,150	22,509	24,692	161,624	23,289
Rhode Island	474	1,045	1,295	1,736	1,864	12,416	1,953
South Carolina	1,279	1,411	1,924	3,047	3,400	24,926	2,938
South Dakota	522	1,012	1,277	1,811	2,153	13,405	1,902
Tennessee	NA	3,138	NA	8,148	8,568	56,315	7,641
Texas	9,640	12,330	15,989	22,718	23,287	198,029	21,495
Utah	1,899	NA	4,255	6,290	6,829	47,336	7,584
Vermont	329	516	748	828	967	7,341	972
Virginia	3,627	4,754	5,417	7,922	9,993	71,245	9,078
Washington	2,819	3,921	6,571	7,157	8,031	61,010	7,982
West Virginia	1,057	1,562	2,274	2,961	3,139	23,599	2,982
Wisconsin	4,363	7,007	10,244	13,918	14,349	101,576	13,521
Wyoming	713	1,279	1,529	1,758	1,770	12,996	1,796
Total	161,109	236,913	337,078	443,357	486,910	3,512,607	456,605

See footnotes at end of table.

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

(million cubic feet) – continued

State	2019						
	November	October	September	August	July	June	May
Alabama	2,442	1,672	1,152	1,067	1,169	1,270	1,356
Alaska	1,609	1,109	721	495	471	539	881
Arizona	3,122	2,378	1,911	1,887	1,949	2,093	2,434
Arkansas	5,745	3,691	2,916	2,892	3,002	2,870	3,489
California	26,624	20,971	16,093	17,132	15,947	15,505	18,840
Colorado	7,215	4,258	1,703	1,654	864	2,190	3,632
Connecticut	6,491	3,455	2,541	2,475	2,505	2,328	2,996
Delaware	1,838	978	758	744	762	713	808
District of Columbia	1,791	688	736	845	665	682	843
Florida	5,274	4,810	4,694	4,665	4,535	4,699	4,988
Georgia	6,049	2,777	2,011	2,164	3,442	2,182	2,422
Hawaii	193	215	214	230	235	202	221
Idaho	2,271	2,180	1,023	788	782	792	988
Illinois	29,815	14,889	8,349	8,244	8,205	8,561	12,208
Indiana	11,066	6,239	2,761	2,358	2,363	2,634	3,271
Iowa	7,535	4,271	1,742	1,757	1,731	1,763	2,396
Kansas	4,495	2,776	1,907	1,575	1,776	1,817	1,962
Kentucky	4,763	1,961	1,219	1,187	1,236	1,251	1,393
Louisiana	3,533	2,531	2,022	2,312	1,979	1,981	2,102
Maine	1,087	526	332	282	271	338	566
Maryland	8,573	3,817	3,341	3,458	3,453	3,227	4,074
Massachusetts	14,040	7,099	5,015	3,907	4,133	3,951	6,268
Michigan	20,007	10,427	5,222	5,502	4,922	6,101	9,670
Minnesota	12,956	6,791	3,027	2,778	3,036	3,265	5,024
Mississippi	2,394	1,352	853	998	984	899	923
Missouri	7,255	4,475	2,130	2,208	2,201	2,215	2,947
Montana	2,907	1,823	1,143	941	1,082	1,230	1,621
Nebraska	4,437	1,973	1,063	1,176	1,273	1,288	1,865
Nevada	3,249	2,583	1,876	1,783	1,839	1,994	2,331
New Hampshire	835	404	307	245	231	259	481
New Jersey	16,809	8,040	5,606	5,351	7,056	5,365	7,408
New Mexico	3,640	2,618	1,157	1,188	958	1,166	1,535
New York	35,283	16,506	14,663	14,698	14,673	13,665	16,836
North Carolina	7,558	3,350	2,478	2,326	2,145	2,758	2,600
North Dakota	1,809	766	379	350	325	343	703
Ohio	20,364	9,152	5,246	5,007	5,186	5,315	7,456
Oklahoma	5,529	2,665	1,615	1,607	1,682	1,815	2,228
Oregon	3,626	2,768	1,341	1,039	1,003	1,217	1,495
Pennsylvania	16,088	7,752	5,301	5,071	4,895	5,104	7,090
Rhode Island	1,487	582	288	238	228	300	550
South Carolina	3,067	1,632	1,294	1,305	1,275	1,333	1,500
South Dakota	1,585	747	374	345	335	355	646
Tennessee	7,559	3,208	2,379	2,148	2,311	2,348	2,412
Texas	18,796	11,983	10,247	10,539	10,962	12,152	12,136
Utah	4,963	2,867	1,574	1,278	1,638	1,513	3,311
Vermont	800	450	375	362	360	332	321
Virginia	7,101	3,742	3,032	3,429	3,073	3,141	3,566
Washington	6,542	5,549	2,631	2,236	2,339	2,646	3,093
West Virginia	2,629	1,542	975	1,039	1,003	971	1,175
Wisconsin	12,133	6,319	3,034	3,070	2,774	3,332	4,892
Wyoming	1,630	624	294	330	387	558	841
Total	388,610	215,982	143,062	140,705	141,651	144,568	184,799

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2019-2021
(million cubic feet) – continued

State	2019			
	April	March	February	January
Alabama	1,573	2,841	2,268	4,868
Alaska	1,219	1,334	2,134	2,111
Arizona	2,630	3,536	4,086	4,477
Arkansas	4,074	6,446	6,141	7,448
California	17,595	23,676	30,619	27,444
Colorado	4,440	8,339	8,613	9,638
Connecticut	4,033	6,830	7,205	8,623
Delaware	886	1,826	1,871	2,396
District of Columbia	998	1,936	2,169	2,456
Florida	5,288	5,823	5,810	6,628
Georgia	3,268	6,151	6,135	9,737
Hawaii	221	216	210	237
Idaho	1,346	2,223	2,812	3,007
Illinois	18,501	31,315	34,471	40,549
Indiana	5,289	11,740	12,754	16,162
Iowa	3,748	7,161	8,582	9,692
Kansas	2,014	4,785	6,332	6,460
Kentucky	1,959	4,947	5,227	6,937
Louisiana	2,378	3,205	2,899	4,457
Maine	811	1,254	1,438	1,644
Maryland	4,623	9,473	9,296	12,519
Massachusetts	9,082	14,714	16,787	20,316
Michigan	14,439	24,748	27,193	29,516
Minnesota	9,026	14,622	17,937	18,276
Mississippi	1,261	2,213	2,149	3,250
Missouri	4,082	8,697	10,638	11,989
Montana	2,079	3,529	4,368	3,595
Nebraska	2,214	4,460	5,760	5,527
Nevada	2,588	3,745	4,323	4,553
New Hampshire	772	1,386	1,581	1,975
New Jersey	10,949	19,670	22,350	24,878
New Mexico	1,739	2,726	3,551	4,514
New York	22,903	39,125	41,248	51,352
North Carolina	3,392	6,767	6,619	9,858
North Dakota	1,091	2,005	2,694	2,598
Ohio	12,343	24,505	25,548	32,716
Oklahoma	2,950	6,094	7,538	8,449
Oregon	2,366	3,916	4,890	4,455
Pennsylvania	10,444	21,399	23,331	31,861
Rhode Island	919	1,731	1,842	2,298
South Carolina	1,711	2,648	2,475	3,746
South Dakota	996	1,701	2,263	2,156
Tennessee	3,083	6,613	6,460	10,154
Texas	16,432	22,431	24,041	26,814
Utah	2,660	5,473	6,832	7,643
Vermont	498	820	911	1,142
Virginia	4,503	8,681	9,555	12,344
Washington	4,566	6,799	8,635	7,990
West Virginia	1,631	3,039	2,893	3,719
Wisconsin	7,747	13,039	14,753	16,963
Wyoming	1,081	1,697	1,834	1,923
Total	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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Alabama	58,531	56,610	58,186	19,702	18,593	20,235	212,415
Alaska	4,261	4,191	4,794	1,525	1,299	1,437	15,983
Arizona	5,469	5,252	5,481	1,739	1,723	2,007	18,514
Arkansas	27,389	29,360	28,337	9,271	8,315	9,802	105,962
California	167,506	181,916	186,120	58,794	50,682	58,029	700,620
Colorado	26,559	26,402	28,970	8,718	8,672	9,169	84,643
Connecticut	7,020	7,022	7,291	2,084	2,364	2,572	NA
Delaware	11,268	11,089	9,269	3,000	3,934	4,334	NA
District of Columbia	0	0	--	0	0	0	0
Florida	33,038	NA	30,125	11,800	9,891	11,347	NA
Georgia	41,759	39,791	41,220	13,541	13,217	15,002	152,877
Hawaii	23	22	22	9	7	6	80
Idaho	11,119	10,898	10,660	3,524	3,535	4,059	38,385
Illinois	75,197	77,252	81,420	22,231	24,495	28,470	NA
Indiana	108,730	108,455	119,698	34,926	35,178	38,626	376,095
Iowa	60,557	68,179	67,322	19,064	19,559	21,934	NA
Kansas	34,073	34,866	36,644	10,638	11,037	12,397	131,662
Kentucky	34,770	33,580	36,197	10,728	11,572	12,470	114,157
Louisiana	271,082	289,239	292,393	85,504	83,686	101,892	NA
Maine	6,610	6,577	5,985	2,157	2,218	2,235	NA
Maryland	8,169	4,602	4,807	1,912	3,145	3,112	NA
Massachusetts	17,154	16,431	16,804	5,274	6,219	5,662	NA
Michigan	52,007	50,927	55,286	15,601	18,238	18,168	NA
Minnesota	NA	NA	48,024	13,424	NA	14,979	NA
Mississippi	36,418	35,721	33,384	11,746	12,323	12,349	129,176
Missouri	19,093	18,765	20,252	5,398	6,898	6,797	62,652
Montana	6,728	6,625	6,140	2,037	2,266	2,426	24,589
Nebraska	NA	24,829	21,733	NA	7,863	8,678	NA
Nevada	4,685	NA	5,444	1,692	1,406	1,587	NA
New Hampshire	2,734	2,721	2,865	901	931	902	9,340
New Jersey	NA	NA	16,627	NA	5,293	5,895	NA
New Mexico	4,345	NA	4,752	1,467	1,413	1,465	NA
New York	25,597	26,092	28,157	8,030	8,877	8,690	86,249
North Carolina	33,957	32,549	33,947	10,846	11,060	12,051	115,522
North Dakota	11,201	10,785	9,170	3,703	3,564	3,933	NA
Ohio	87,472	86,175	93,116	28,453	29,836	29,183	281,049
Oklahoma	53,687	56,814	53,714	19,564	13,787	20,335	NA
Oregon	15,931	15,859	15,101	5,442	5,061	5,427	56,245
Pennsylvania	62,003	62,290	68,014	19,881	21,731	20,391	211,483
Rhode Island	2,369	2,368	2,477	750	812	808	8,361
South Carolina	25,153	25,219	25,561	8,605	7,751	8,796	92,671
South Dakota	12,998	13,098	12,643	3,923	4,514	4,560	45,442
Tennessee	40,093	NA	41,585	12,754	13,123	14,215	NA
Texas	441,635	482,002	465,017	148,886	116,069	176,680	1,889,671
Utah	11,099	11,388	11,534	3,397	3,813	3,889	NA
Vermont	663	658	716	211	214	238	2,228
Virginia	NA	NA	25,777	NA	9,037	11,029	NA
Washington	NA	NA	20,697	7,837	6,901	NA	NA
West Virginia	10,588	NA	10,244	3,600	3,253	3,735	NA
Wisconsin	46,802	48,922	50,747	13,374	16,735	16,693	152,627
Wyoming	NA	NA	16,969	NA	4,665	NA	NA
Total	2,166,883	2,243,356	2,271,439	702,989	672,468	791,426	8,257,199

See footnotes at end of table.

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

(million cubic feet) – continued

State	2020						
	December	November	October	September	August	July	June
Alabama	20,797	18,862	18,444	16,550	17,298	16,197	15,451
Alaska	1,422	1,315	1,577	1,299	1,313	1,211	1,226
Arizona	1,959	1,638	1,486	1,293	1,291	1,451	1,204
Arkansas	10,397	9,601	8,270	8,006	7,928	7,850	7,385
California	59,800	56,991	57,980	62,770	61,624	58,343	55,444
Colorado	9,238	7,971	7,057	5,749	5,052	4,956	5,411
Connecticut	2,422	NA	NA	1,520	1,653	1,693	1,511
Delaware	NA	3,185	3,082	2,641	2,752	2,653	2,640
District of Columbia	0	0	0	0	0	0	0
Florida	11,415	9,692	NA	NA	10,132	9,632	9,054
Georgia	15,049	13,932	12,077	12,236	12,813	12,103	11,201
Hawaii	7	6	7	6	6	7	6
Idaho ^a	4,000	3,633	3,572	3,031	2,570	2,689	2,648
Illinois	26,866	23,727	20,623	NA	17,620	18,160	16,825
Indiana	37,438	32,641	31,291	29,119	28,453	27,117	25,680
Iowa	21,842	NA	20,451	18,387	18,264	18,121	16,293
Kansas	11,767	10,662	10,917	9,458	11,056	11,506	10,897
Kentucky	11,358	9,568	9,496	8,285	8,939	7,964	8,113
Louisiana	104,597	96,851	NA	94,934	94,197	94,627	94,825
Maine	2,141	1,926	1,756	NA	1,692	1,639	1,790
Maryland	NA	2,126	1,780	1,719	NA	1,955	1,269
Massachusetts	5,117	NA	NA	2,584	2,463	2,532	2,365
Michigan	16,629	NA	14,053	11,468	10,325	9,460	8,591
Minnesota	14,316	12,873	11,126	NA	9,533	9,228	7,719
Mississippi	12,493	11,672	9,387	9,204	9,795	10,548	9,984
Missouri	6,411	5,608	5,400	4,590	4,512	4,268	4,244
Montana	2,291	2,341	2,288	1,745	1,806	1,883	1,740
Nebraska	8,893	8,393	9,369	7,890	8,284	8,496	6,762
Nevada	1,513	NA	1,856	1,872	1,852	1,652	1,588
New Hampshire	866	778	764	693	689	624	687
New Jersey	6,155	5,628	4,609	5,238	5,197	5,705	4,375
New Mexico	1,400	1,361	1,494	1,464	1,477	1,405	1,294
New York	8,528	7,790	7,114	6,095	5,860	6,249	5,722
North Carolina	11,594	9,674	9,802	8,663	8,857	8,306	8,427
North Dakota	3,975	NA	3,159	3,029	3,331	3,143	3,204
Ohio	27,852	23,664	22,822	18,601	20,284	19,991	18,397
Oklahoma	19,973	18,826	18,344	17,399	17,620	NA	17,163
Oregon	5,339	4,932	4,709	4,030	4,245	4,117	4,115
Pennsylvania	20,559	18,482	17,684	14,970	15,074	15,465	15,221
Rhode Island	732	643	626	672	638	624	631
South Carolina	8,668	8,055	7,984	7,240	7,452	7,074	6,754
South Dakota	4,362	4,270	3,696	3,721	3,785	3,355	3,005
Tennessee	13,597	11,580	12,559	11,683	11,529	10,765	10,750
Texas	178,466	165,270	162,032	151,632	155,571	154,996	142,878
Utah	3,554	3,417	2,969	3,274	NA	2,884	3,015
Vermont	214	185	168	162	157	158	159
Virginia	10,575	6,859	8,930	NA	NA	8,606	8,294
Washington	7,726	7,156	7,226	6,432	6,130	5,535	5,612
West Virginia	3,582	3,163	3,036	2,833	2,987	2,659	2,567
Wisconsin	15,892	13,834	13,337	10,361	9,636	9,465	8,892
Wyoming	6,246	5,646	5,771	NA	4,511	4,734	4,184
Total	786,536	711,072	694,701	650,665	653,509	641,264	607,213

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	
	May	April	March	February	January	Total	December
Alabama	15,928	16,278	17,744	18,977	19,889	217,040	18,886
Alaska	1,230	1,199	1,288	1,463	1,440	15,940	1,418
Arizona	1,399	1,542	1,671	1,735	1,846	18,625	1,803
Arkansas	8,432	8,734	9,655	9,547	10,158	105,280	9,475
California	53,255	52,497	58,993	53,928	68,995	768,188	65,665
Colorado	5,829	6,979	8,194	8,985	9,223	91,693	9,245
Connecticut	1,615	1,970	2,125	2,348	2,549	24,520	2,667
Delaware	2,904	NA	3,424	3,552	4,113	33,865	3,454
District of Columbia	0	0	0	0	0	--	--
Florida	NA	10,604	NA	10,046	NA	119,654	11,535
Georgia	11,745	11,929	11,762	13,511	14,517	155,992	13,992
Hawaii	6	6	8	8	6	94	8
Idaho	2,470	2,876	3,521	3,575	3,802	38,598	3,745
Illinois	18,062	19,349	24,155	26,063	27,035	267,360	27,107
Indiana	27,784	28,118	33,412	35,057	39,985	426,408	40,716
Iowa	18,408	18,533	22,095	22,027	24,058	249,885	23,009
Kansas	10,006	10,527	10,221	11,729	12,916	131,094	12,435
Kentucky	8,184	8,671	10,203	11,553	11,823	121,669	10,954
Louisiana	93,457	89,863	94,292	93,812	101,134	1,145,104	101,508
Maine	1,980	1,895	2,012	2,208	2,357	21,024	2,170
Maryland	1,319	1,348	1,658	1,642	1,303	18,336	1,590
Massachusetts	3,173	4,243	4,713	5,879	5,839	48,770	5,257
Michigan	8,166	11,892	15,478	17,606	17,843	173,618	17,350
Minnesota	9,954	NA	14,087	NA	NA	162,437	14,863
Mississippi	9,933	10,439	11,234	11,877	12,610	132,423	11,543
Missouri	4,284	4,571	5,500	6,551	6,714	65,452	6,289
Montana	1,865	2,004	2,125	2,201	2,300	23,689	2,282
Nebraska	5,929	NA	8,088	7,821	8,921	89,696	7,972
Nevada	1,617	1,633	NA	1,792	1,766	20,681	1,878
New Hampshire	724	793	891	916	915	9,834	838
New Jersey	3,603	4,324	4,662	5,056	NA	65,061	6,166
New Mexico	1,326	1,466	1,646	NA	1,710	18,362	1,700
New York	5,794	7,004	8,125	8,966	9,002	90,330	8,759
North Carolina	8,735	8,914	10,433	10,654	11,462	119,114	10,782
North Dakota	2,626	3,103	3,522	3,526	3,736	36,093	3,280
Ohio	19,780	23,482	27,095	29,168	29,912	298,171	28,015
Oklahoma	17,907	18,420	18,619	18,556	19,640	211,168	19,260
Oregon	4,284	4,615	5,335	5,149	5,375	57,008	5,284
Pennsylvania	15,155	16,582	19,520	20,797	21,973	249,026	25,926
Rhode Island	693	734	733	805	830	8,819	786
South Carolina	7,186	7,038	8,363	8,077	8,779	94,907	8,096
South Dakota	2,714	3,436	4,088	4,360	4,649	46,014	4,698
Tennessee	NA	11,582	NA	13,721	13,942	147,533	12,933
Texas	149,320	147,504	160,929	155,402	165,671	1,799,319	167,322
Utah	3,292	3,172	3,432	3,979	3,977	41,348	3,720
Vermont	178	188	208	219	232	2,370	223
Virginia	7,803	6,462	NA	NA	8,949	100,608	8,522
Washington	5,690	5,874	NA	NA	7,188	78,490	7,242
West Virginia	2,750	NA	2,870	3,418	NA	36,570	3,197
Wisconsin	10,484	11,803	14,932	16,384	17,607	162,622	16,830
Wyoming	4,251	5,134	NA	5,124	5,723	61,755	6,239
Total	624,852	644,030	720,293	731,678	791,385	8,421,655	778,634

See footnotes at end of table.

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

(million cubic feet) – continued

State	2019						
	November	October	September	August	July	June	May
Alabama	18,204	17,208	16,330	17,207	17,497	17,864	18,233
Alaska	1,568	1,480	1,263	1,036	1,137	1,041	1,087
Arizona	1,665	1,458	1,290	1,287	1,303	1,330	1,531
Arkansas	9,279	8,547	7,747	7,625	8,805	8,236	8,746
California	63,595	66,872	67,982	69,610	64,900	60,273	63,860
Colorado	8,486	7,606	5,517	5,535	5,483	6,001	7,405
Connecticut	2,416	1,917	1,686	1,792	1,693	1,590	1,691
Delaware	3,412	2,783	2,555	2,480	2,314	2,541	2,606
District of Columbia	--	--	--	--	--	--	--
Florida	10,301	9,899	9,037	9,657	8,823	9,419	10,447
Georgia	14,295	12,913	11,857	12,132	12,210	12,090	12,660
Hawaii	8	9	8	8	8	7	8
Idaho*	3,751	3,964	3,070	2,688	2,570	2,621	2,710
Illinois	25,224	21,735	16,513	18,773	18,022	17,830	20,466
Indiana	36,515	32,744	30,499	33,212	32,105	30,495	34,525
Iowa	22,669	20,119	18,406	20,003	17,994	19,447	21,140
Kansas	11,279	9,284	9,949	11,678	11,663	10,018	9,290
Kentucky	11,070	9,606	8,321	9,308	8,438	8,447	9,259
Louisiana	94,297	92,571	91,451	93,167	91,998	92,948	99,122
Maine	2,042	1,836	1,512	1,393	1,369	1,375	1,597
Maryland	2,257	1,367	1,427	1,130	1,715	1,439	1,085
Massachusetts	4,886	3,198	2,765	3,106	2,180	2,744	3,695
Michigan	16,362	13,266	11,267	11,179	10,946	10,841	12,976
Minnesota	13,285	12,178	11,528	11,685	12,139	11,675	12,616
Mississippi	10,934	10,258	10,944	11,144	11,166	10,035	11,309
Missouri	6,196	5,567	4,506	4,357	4,307	4,404	4,579
Montana	2,355	2,173	1,865	1,715	1,804	1,771	1,850
Nebraska	10,252	8,144	6,798	7,521	7,235	6,598	7,164
Nevada	1,875	1,654	1,576	1,706	1,750	1,556	1,595
New Hampshire	821	768	686	710	708	748	814
New Jersey	5,498	6,220	5,686	6,595	4,584	4,864	4,688
New Mexico	1,615	1,644	1,417	1,393	1,387	1,431	1,530
New York	8,435	6,628	6,067	6,410	6,223	6,041	6,240
North Carolina	10,759	9,487	8,674	9,224	8,641	8,708	9,184
North Dakota	2,647	2,283	2,883	3,154	3,139	3,280	3,182
Ohio	26,643	22,154	21,219	21,697	21,048	17,195	22,428
Oklahoma	17,725	18,413	16,514	16,650	16,177	17,183	18,048
Oregon	5,126	5,223	4,485	4,370	4,154	4,057	4,446
Pennsylvania	24,884	22,071	21,141	22,135	15,761	15,766	15,819
Rhode Island	714	661	670	690	680	666	712
South Carolina	8,389	8,004	7,104	7,544	7,749	7,303	7,439
South Dakota	3,856	3,084	3,415	3,590	3,681	3,809	3,565
Tennessee	12,550	12,156	10,824	11,380	11,132	11,661	11,267
Texas	152,645	145,196	140,135	149,207	148,069	142,830	145,051
Utah	3,767	3,122	3,052	2,875	3,023	3,281	3,338
Vermont	214	190	156	163	154	169	188
Virginia	8,860	8,129	8,405	8,275	8,323	7,954	8,271
Washington	6,842	7,239	6,560	6,048	5,885	5,662	6,221
West Virginia	3,161	2,958	2,708	2,783	2,801	2,686	3,120
Wisconsin	16,175	12,957	10,355	10,430	10,254	10,113	11,722
Wyoming	5,453	5,470	4,610	4,682	4,836	4,531	4,750
Total	735,260	684,410	644,435	672,136	649,985	634,573	675,280

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2019-2021
(million cubic feet) – continued

State	2019			
	April	March	February	January
Alabama	17,426	19,316	17,930	20,939
Alaska	1,115	1,555	1,496	1,742
Arizona	1,478	1,602	1,834	2,044
Arkansas	8,482	9,472	8,849	10,016
California	59,312	63,355	57,327	65,438
Colorado	7,445	9,148	9,591	10,231
Connecticut	1,777	2,233	2,325	2,734
Delaware	2,452	2,868	2,871	3,530
District of Columbia	--	--	--	--
Florida	10,411	9,990	9,276	10,858
Georgia	12,624	13,890	12,498	14,832
Hawaii	8	7	7	8
Idaho ^a	2,817	3,374	3,431	3,855
Illinois	20,271	25,448	25,552	30,420
Indiana	35,898	40,810	36,785	42,103
Iowa	19,774	22,317	21,893	23,113
Kansas	8,855	11,138	12,363	13,144
Kentucky	10,068	12,266	10,803	13,128
Louisiana	95,649	97,218	93,611	101,564
Maine	1,746	1,966	1,909	2,110
Maryland	1,520	1,619	1,445	1,743
Massachusetts	4,135	5,097	5,884	5,823
Michigan	14,144	18,429	16,773	20,084
Minnesota	14,446	15,280	15,847	16,897
Mississippi	11,705	11,694	10,348	11,342
Missouri	4,995	6,063	6,701	7,488
Montana	1,733	1,901	2,085	2,154
Nebraska	6,280	6,610	7,306	7,817
Nevada	1,647	1,783	1,937	1,724
New Hampshire	877	963	961	942
New Jersey	4,134	5,747	5,465	5,415
New Mexico	1,492	1,661	1,513	1,578
New York	7,369	9,012	9,303	9,842
North Carolina	9,707	11,533	10,390	12,025
North Dakota	3,076	3,192	2,776	3,202
Ohio	24,655	30,365	29,530	33,220
Oklahoma	17,484	19,006	16,001	18,707
Oregon	4,763	5,027	4,845	5,229
Pennsylvania	17,509	22,786	21,573	23,655
Rhode Island	763	794	848	835
South Carolina	7,717	8,695	8,095	8,770
South Dakota	3,673	4,067	4,317	4,259
Tennessee	12,045	13,606	13,262	14,717
Texas	143,845	154,046	146,425	164,545
Utah	3,635	3,525	4,021	3,988
Vermont	197	233	229	254
Virginia	8,090	7,867	9,243	8,667
Washington	6,094	6,970	6,652	7,074
West Virginia	2,912	3,663	3,129	3,452
Wisconsin	13,038	16,414	16,639	17,695
Wyoming	4,214	5,046	5,586	6,337
Total	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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Alabama	85,057	92,482	89,810	25,144	26,750	33,164	396,717
Alaska	5,173	6,541	7,259	1,670	1,777	1,726	24,019
Arizona	67,665	73,865	64,293	23,621	16,393	27,651	389,639
Arkansas	25,869	32,728	32,235	10,521	7,233	8,114	133,920
California	124,790	124,494	135,768	41,259	38,571	44,960	615,090
Colorado	27,423	35,803	30,928	7,524	9,542	10,357	145,888
Connecticut	37,705	37,188	31,239	13,012	11,905	12,787	156,669
Delaware	W	3,862	4,793	357	763	W	27,908
District of Columbia	--	--	--	--	--	--	--
Florida	269,091	302,926	270,577	91,912	86,703	90,475	1,359,365
Georgia	87,339	97,924	83,632	26,084	27,672	33,583	428,117
Hawaii	--	--	--	--	--	--	--
Idaho	8,255	9,259	6,864	2,789	2,721	2,746	31,021
Illinois	36,126	44,730	27,095	11,496	11,332	13,298	197,871
Indiana	50,500	58,222	53,447	14,280	17,113	19,108	226,087
Iowa	4,292	9,836	10,350	1,152	1,377	1,763	44,452
Kansas	4,942	5,366	3,662	1,711	1,958	1,273	26,550
Kentucky	26,085	21,312	24,571	8,432	8,411	9,242	107,020
Louisiana	68,265	80,997	69,655	24,833	22,555	20,878	367,514
Maine	3,498	W	2,441	751	1,610	1,137	W
Maryland	17,865	23,994	25,524	7,097	5,574	5,193	94,673
Massachusetts	30,708	23,995	31,428	6,998	11,176	12,534	103,737
Michigan	54,160	75,636	60,708	13,504	22,133	18,523	282,292
Minnesota	14,647	20,765	16,091	3,887	5,030	5,729	81,505
Mississippi	83,865	89,379	74,749	20,379	28,522	34,964	385,648
Missouri	11,475	16,301	12,164	2,086	4,456	4,933	71,469
Montana	951	1,036	1,501	321	364	266	4,413
Nebraska	W	2,597	1,389	W	1,087	508	14,032
Nevada	42,995	44,818	40,788	14,465	12,977	15,553	202,652
New Hampshire	5,104	4,753	3,406	765	2,298	2,041	26,063
New Jersey	40,584	51,878	65,020	13,012	14,499	13,073	228,997
New Mexico	19,754	24,547	21,981	6,336	6,151	7,267	104,318
New York	93,090	90,468	87,661	27,983	29,976	35,130	422,237
North Carolina	75,216	84,003	76,559	22,841	22,662	29,713	306,987
North Dakota	3,599	4,401	2,482	1,323	1,106	1,171	16,876
Ohio	94,079	98,773	89,141	30,342	29,316	34,421	374,502
Oklahoma	57,693	83,667	67,252	14,529	21,736	21,428	338,835
Oregon	33,907	39,893	39,062	11,876	10,915	11,116	130,346
Pennsylvania	202,356	196,032	151,524	64,340	65,525	72,491	825,720
Rhode Island	11,457	12,433	11,165	4,026	3,450	3,981	56,183
South Carolina	33,866	44,193	37,045	9,586	10,987	13,293	184,948
South Dakota	W	2,362	1,556	W	729	420	W
Tennessee	26,215	28,572	28,655	6,596	8,329	11,290	109,096
Texas	338,931	384,252	345,235	94,604	124,912	119,416	1,764,649
Utah	15,680	15,498	17,167	5,048	4,842	5,789	66,724
Vermont	1	4	4	--	--	1	14
Virginia	90,285	112,812	100,310	32,451	26,118	31,716	444,301
Washington	25,181	27,313	21,029	9,927	7,254	8,000	96,101
West Virginia	2,464	2,556	1,052	877	717	870	21,142
Wisconsin	34,302	41,949	34,153	11,070	10,395	12,837	153,599
Wyoming	888	1,133	594	334	320	234	5,767
Total	2,398,535	2,688,997	2,415,012	744,195	787,939	866,400	11,615,988

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						
	December	November	October	September	August	July	June
Alabama	31,225	23,527	30,535	35,983	42,608	47,915	39,978
Alaska	1,834	1,404	1,985	W	2,509	2,815	1,789
Arizona	29,776	27,943	36,405	39,033	44,960	44,493	35,384
Arkansas	11,074	7,591	11,475	8,917	16,114	17,024	13,147
California	56,359	51,138	70,380	68,219	82,773	61,287	41,730
Colorado	10,447	9,810	11,572	12,320	16,674	15,473	13,161
Connecticut	13,427	11,786	10,787	13,304	15,626	18,375	14,240
Delaware	958	1,501	1,359	2,546	4,878	5,444	3,533
District of Columbia	--	--	--	--	--	--	--
Florida	90,109	98,114	120,816	123,370	138,598	139,507	128,764
Georgia	33,974	32,405	33,303	34,185	44,768	46,606	41,274
Hawaii	--	--	--	--	--	--	--
Idaho	2,897	2,478	1,800	W	3,457	3,614	1,758
Illinois	13,300	8,766	12,584	14,205	22,998	36,854	21,958
Indiana	18,225	14,188	17,051	17,217	21,309	25,666	21,507
Iowa	3,328	1,814	3,313	4,324	3,944	7,561	4,660
Kansas	1,557	1,358	4,023	1,775	3,280	4,063	2,456
Kentucky	9,477	7,798	9,294	5,772	10,878	15,746	10,873
Louisiana	25,895	25,850	32,488	31,101	37,360	42,617	33,586
Maine	910	W	744	780	1,177	1,981	1,528
Maryland	5,082	6,814	8,781	7,142	9,413	12,314	8,243
Massachusetts	9,516	6,375	8,157	8,308	13,521	17,579	8,414
Michigan	20,182	16,037	22,442	21,763	26,972	35,963	24,892
Minnesota	6,120	3,992	6,364	7,205	8,088	11,477	7,476
Mississippi	29,154	25,521	30,576	33,265	40,200	40,356	35,682
Missouri	4,635	3,762	5,357	6,300	8,861	11,643	6,992
Montana	390	314	358	W	W	514	W
Nebraska	546	420	1,251	2,032	1,745	2,722	1,552
Nevada	15,675	12,502	17,393	20,592	24,070	21,767	17,600
New Hampshire	774	1,634	2,433	3,044	3,160	4,506	2,871
New Jersey	13,612	16,363	19,059	18,153	27,623	32,990	21,565
New Mexico	7,228	7,205	8,662	10,112	12,200	11,569	7,919
New York	32,767	30,903	30,286	39,202	52,395	62,408	39,190
North Carolina	28,090	21,109	22,838	24,414	30,565	33,686	25,637
North Dakota	1,287	1,130	1,358	W	1,688	1,869	1,339
Ohio	33,306	27,814	22,559	30,643	36,292	40,711	30,067
Oklahoma	22,976	15,107	22,691	28,483	38,950	46,047	32,673
Oregon	12,587	10,504	12,413	13,462	13,093	10,163	4,173
Pennsylvania	70,763	51,434	67,117	78,143	91,745	96,912	72,509
Rhode Island	4,122	4,516	3,696	5,603	6,456	6,174	5,672
South Carolina	13,395	12,142	13,214	15,926	18,818	21,115	15,135
South Dakota	453	W	821	W	1,219	1,739	W
Tennessee	10,129	7,603	7,224	8,956	10,050	14,261	9,763
Texas	114,853	110,205	144,722	165,311	204,725	211,294	169,432
Utah	6,200	4,333	5,671	7,081	8,474	7,360	5,243
Vermont	1	1	1	1	2	1	1
Virginia	33,133	25,318	33,041	36,870	45,323	49,433	38,474
Washington	8,800	5,334	9,346	10,975	10,524	7,825	3,519
West Virginia	1,129	1,821	2,814	1,077	2,538	3,324	2,419
Wisconsin	10,835	8,698	12,939	11,413	15,272	16,490	14,170
Wyoming	167	336	512	620	1,432	846	331
Total	872,676	767,235	954,009	1,037,749	1,279,767	1,372,103	1,045,572

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	
	May	April	March	February	January	Total	December
Alabama	30,789	21,675	31,862	30,570	30,050	420,582	27,336
Alaska	1,307	1,674	2,061	2,032	2,448	31,914	2,991
Arizona	32,569	25,210	21,144	25,483	27,239	356,102	31,145
Arkansas	8,563	7,287	10,707	9,322	12,698	155,001	9,301
California	28,872	29,838	43,329	38,341	42,824	578,056	56,766
Colorado	9,468	11,161	12,986	12,092	10,725	130,185	11,114
Connecticut	10,472	11,464	11,533	12,264	13,391	142,297	14,456
Delaware	1,802	2,024	1,066	1,280	1,516	27,550	862
District of Columbia	--	--	--	--	--	--	--
Florida	109,923	107,239	110,061	96,213	96,652	1,323,826	91,248
Georgia	36,149	27,529	29,001	34,691	34,232	413,444	31,691
Hawaii	--	--	--	--	--	--	--
Idaho	1,209	1,416	2,681	3,041	3,536	29,743	3,201
Illinois	11,018	11,458	14,705	14,087	15,938	152,786	11,235
Indiana	16,871	15,832	18,717	18,777	20,728	225,699	20,752
Iowa	3,621	2,052	1,832	4,259	3,744	51,759	4,456
Kansas	1,101	1,571	2,581	1,477	1,308	29,895	1,256
Kentucky	9,025	6,846	4,664	7,541	9,107	109,097	8,399
Louisiana	30,137	27,484	29,386	26,485	25,126	356,088	20,856
Maine	881	518	W	436	625	9,249	585
Maryland	5,578	7,311	8,886	8,866	6,242	98,990	6,135
Massachusetts	3,478	4,393	4,382	8,694	10,919	118,394	11,203
Michigan	19,680	18,724	22,089	25,044	28,503	280,764	23,915
Minnesota	4,889	5,128	5,799	6,294	8,672	75,692	5,864
Mississippi	33,743	27,772	26,783	31,772	30,823	367,497	27,926
Missouri	3,774	3,844	5,292	4,861	6,148	64,173	4,089
Montana	279	278	370	299	367	5,659	460
Nebraska	683	484	857	744	996	11,384	623
Nevada	14,768	13,468	15,115	14,019	15,683	193,078	16,193
New Hampshire	1,149	1,741	1,289	1,460	2,004	25,460	1,950
New Jersey	12,794	14,960	16,648	16,514	18,717	299,524	24,475
New Mexico	7,456	7,420	8,356	7,772	8,419	104,225	8,890
New York	23,513	21,105	28,948	29,390	32,130	398,926	32,383
North Carolina	21,539	15,106	26,173	29,070	28,760	307,876	23,234
North Dakota	948	1,338	1,463	1,376	1,562	13,130	1,199
Ohio	26,999	27,338	32,902	31,268	34,603	361,931	31,353
Oklahoma	27,518	20,722	26,140	27,841	29,686	338,401	28,090
Oregon	3,024	11,033	14,268	11,342	14,283	145,920	15,141
Pennsylvania	52,711	48,353	62,418	63,940	69,675	675,004	60,485
Rhode Island	3,852	3,659	3,863	4,089	4,481	56,026	4,193
South Carolina	15,967	15,041	14,931	14,498	14,764	186,297	14,314
South Dakota	W	W	749	713	900	10,589	798
Tennessee	6,615	5,923	8,186	10,265	10,122	118,464	9,357
Texas	142,927	116,928	126,696	127,574	129,982	1,750,596	128,744
Utah	3,972	2,893	3,949	5,682	5,867	67,774	5,974
Vermont	2	1	1	2	1	12	1
Virginia	35,823	34,074	37,441	35,832	39,538	410,865	36,301
Washington	3,378	9,089	10,281	7,328	9,703	102,792	11,251
West Virginia	2,093	1,372	1,410	554	592	15,154	222
Wisconsin	10,343	11,490	14,106	12,952	14,891	156,400	13,843
Wyoming	W	235	410	321	402	3,159	321
Total	833,954	763,925	878,908	878,768	931,322	11,307,426	896,577

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						
	November	October	September	August	July	June	May
Alabama	29,169	35,097	43,906	45,729	45,184	39,758	37,141
Alaska	2,610	2,788	3,031	3,731	3,666	2,299	1,483
Arizona	25,191	33,369	36,494	42,432	40,838	33,041	23,524
Arkansas	10,970	15,055	14,469	18,503	17,649	15,221	11,724
California	56,775	57,110	59,584	68,980	57,417	34,050	24,066
Colorado	10,956	8,866	10,384	14,264	15,123	10,129	9,582
Connecticut	11,657	9,597	11,659	14,617	16,258	11,534	10,411
Delaware	1,459	1,775	2,470	4,427	5,473	2,502	1,969
District of Columbia	--	--	--	--	--	--	--
Florida	87,903	123,695	130,300	135,556	132,013	126,815	124,366
Georgia	32,311	36,248	40,793	45,230	42,770	37,199	33,992
Hawaii	--	--	--	--	--	--	--
Idaho	2,771	1,781	2,984	3,957	3,826	2,325	824
Illinois	9,284	13,062	14,067	19,497	26,151	13,274	8,285
Indiana	18,482	19,806	20,013	21,641	23,338	18,506	15,319
Iowa	3,478	3,680	5,182	7,476	7,403	4,284	2,796
Kansas	1,304	3,435	3,551	4,675	4,083	3,182	3,215
Kentucky	9,542	11,838	10,585	10,025	11,824	8,187	7,788
Louisiana	20,280	29,808	35,250	40,432	41,062	37,958	31,477
Maine	482	748	937	1,068	1,381	757	585
Maryland	6,145	8,214	8,057	10,352	11,838	8,122	7,818
Massachusetts	7,875	8,564	8,824	12,255	16,096	8,469	6,342
Michigan	22,263	25,948	23,480	31,962	31,934	20,548	19,149
Minnesota	4,377	6,626	7,086	10,152	10,076	6,002	4,059
Mississippi	27,400	30,340	37,653	42,294	41,123	29,953	30,927
Missouri	2,516	5,770	6,572	8,273	9,009	6,146	5,363
Montana	453	507	533	749	627	326	254
Nebraska	459	1,001	1,331	2,426	2,311	846	585
Nevada	14,705	14,874	18,258	23,505	21,718	18,006	12,718
New Hampshire	1,656	3,430	2,267	3,855	4,249	2,499	272
New Jersey	24,286	24,537	25,871	31,321	34,298	25,443	20,995
New Mexico	7,179	8,620	9,834	12,669	11,168	8,630	7,764
New York	30,278	29,067	33,727	47,323	56,213	33,357	24,173
North Carolina	23,340	25,814	28,528	30,711	31,074	25,250	23,035
North Dakota	1,016	1,215	1,323	1,687	1,668	1,028	642
Ohio	24,750	27,644	31,122	35,934	37,477	31,306	25,848
Oklahoma	21,504	25,804	34,743	45,834	41,677	32,696	20,562
Oregon	13,289	13,329	14,317	15,484	15,044	8,796	3,129
Pennsylvania	50,902	60,014	62,382	72,582	75,601	57,750	48,335
Rhode Island	4,245	4,857	4,917	6,465	6,526	5,028	4,872
South Carolina	13,257	14,971	18,421	20,454	20,764	17,798	16,301
South Dakota	634	1,057	1,234	1,823	1,786	830	W
Tennessee	10,264	7,118	11,872	12,447	12,548	10,967	10,524
Texas	119,209	143,993	185,513	217,812	194,954	166,980	144,980
Utah	5,390	4,569	5,215	7,458	7,544	5,633	5,088
Vermont	--	2	--	*	2	3	--
Virginia	26,607	27,302	38,295	46,004	47,309	39,089	25,468
Washington	8,110	9,028	11,637	13,907	12,929	6,520	3,034
West Virginia	873	3,651	2,386	2,276	2,045	1,241	731
Wisconsin	11,583	14,028	13,491	17,570	17,672	12,768	9,177
Wyoming	277	221	238	475	486	200	206
Total	819,468	959,873	1,094,787	1,288,300	1,273,225	993,253	831,234

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			
	April	March	February	January
Alabama	27,452	34,499	27,454	27,856
Alaska	2,055	2,365	2,253	2,641
Arizona	25,774	22,993	19,527	21,773
Arkansas	9,874	10,143	12,558	9,533
California	27,541	39,440	47,018	49,309
Colorado	8,839	9,977	10,849	10,102
Connecticut	10,868	10,081	9,878	11,279
Delaware	1,820	2,298	1,317	1,178
District of Columbia	--	--	--	--
Florida	101,353	95,064	85,791	89,722
Georgia	29,580	24,867	28,348	30,417
Hawaii	--	--	--	--
Idaho	1,209	1,472	2,534	2,858
Illinois	10,835	9,265	8,226	9,604
Indiana	14,395	17,467	17,270	18,710
Iowa	2,655	3,499	3,295	3,555
Kansas	1,533	1,117	1,234	1,311
Kentucky	6,338	9,041	6,075	9,455
Louisiana	29,309	22,645	21,437	25,573
Maine	W	750	794	897
Maryland	6,785	10,280	7,994	7,250
Massachusetts	7,336	9,796	10,082	11,550
Michigan	20,857	19,996	18,757	21,955
Minnesota	5,358	5,443	6,240	4,408
Mississippi	25,132	24,399	24,432	25,918
Missouri	4,273	4,640	3,530	3,993
Montana	248	349	652	501
Nebraska	W	576	399	414
Nevada	12,314	13,366	12,971	14,451
New Hampshire	1,876	1,552	607	1,248
New Jersey	23,279	20,943	21,583	22,493
New Mexico	7,490	7,020	7,254	7,707
New York	24,743	27,326	29,106	31,229
North Carolina	20,330	25,073	26,451	25,036
North Dakota	870	819	750	913
Ohio	27,356	30,521	29,419	29,201
Oklahoma	20,239	20,462	21,723	25,067
Oregon	8,329	13,046	12,257	13,759
Pennsylvania	35,429	49,870	49,241	52,413
Rhode Island	3,757	4,311	3,311	3,543
South Carolina	12,971	11,690	12,736	12,619
South Dakota	W	489	473	594
Tennessee	4,712	10,396	8,881	9,378
Texas	103,176	112,132	105,531	127,571
Utah	3,736	6,281	5,424	5,462
Vermont	1	2	1	1
Virginia	24,181	31,564	34,104	34,642
Washington	5,346	6,537	5,315	9,177
West Virginia	678	419	223	411
Wisconsin	12,114	11,647	10,768	11,738
Wyoming	140	209	265	120
Total	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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Alabama	170,285	171,313	173,726	50,124	55,649	64,512	659,717
Alaska	23,848	26,661	24,826	8,032	8,017	7,799	NA
Arizona	106,049	112,642	103,797	34,349	28,885	42,814	486,515
Arkansas	94,857	96,957	98,095	32,086	30,194	32,576	324,404
California	544,690	568,291	603,377	180,131	166,360	198,199	NA
Colorado	142,472	140,788	150,662	40,758	49,614	52,101	423,422
Connecticut	92,630	87,421	86,430	28,249	30,779	33,602	NA
Delaware	24,760	NA	26,484	6,418	9,099	9,243	NA
District of Columbia	11,548	10,662	12,575	3,014	4,249	4,285	NA
Florida	NA	NA	326,494	111,665	105,453	NA	NA
Georgia	210,420	210,100	201,676	57,331	70,153	82,936	754,208
Hawaii	631	783	848	220	200	211	2,412
Idaho	40,411	39,755	38,782	11,858	13,597	14,957	118,925
Illinois	403,681	396,935	433,167	103,674	152,384	147,623	NA
Indiana	261,462	264,415	288,045	72,158	92,995	96,310	815,432
Iowa	119,597	130,371	140,043	32,478	43,749	43,370	NA
Kansas	90,834	84,794	94,364	23,481	35,269	32,083	258,434
Kentucky	103,393	91,621	103,304	27,860	37,145	38,389	300,241
Louisiana	368,182	NA	389,136	117,260	117,610	133,312	NA
Maine	NA	13,149	14,263	4,436	5,681	NA	NA
Maryland	91,936	89,892	104,959	26,096	32,470	33,370	NA
Massachusetts	148,098	132,183	165,325	40,251	52,624	55,223	NA
Michigan	329,514	339,498	360,032	82,844	126,771	119,899	NA
Minnesota	NA	NA	184,930	46,492	NA	59,449	NA
Mississippi	NA	142,500	126,403	37,115	NA	NA	NA
Missouri	112,771	111,591	122,256	23,839	45,239	43,693	293,994
Montana	26,693	26,586	30,784	7,316	9,977	9,399	NA
Nebraska	NA	59,459	60,458	NA	22,523	20,750	NA
Nevada	79,776	NA	82,093	25,405	24,918	29,453	NA
New Hampshire	15,969	14,883	15,319	3,850	6,031	6,088	50,772
New Jersey	NA	NA	266,185	NA	83,215	87,294	NA
New Mexico	54,408	NA	57,033	16,453	17,527	20,428	NA
New York	447,809	417,528	480,468	125,979	156,764	165,066	1,223,045
North Carolina	168,342	166,129	168,791	46,977	53,387	67,978	NA
North Dakota	27,350	28,186	25,640	8,704	9,066	9,580	NA
Ohio	398,302	381,840	413,515	110,485	142,643	145,174	1,091,517
Oklahoma	165,206	187,889	179,800	45,073	57,743	62,389	NA
Oregon	81,917	86,603	88,658	27,087	27,193	27,637	260,509
Pennsylvania	451,259	422,940	422,587	129,788	154,542	166,929	1,403,784
Rhode Island	28,579	27,821	29,163	8,848	9,264	10,466	93,189
South Carolina	84,942	91,556	85,958	24,163	28,083	32,696	329,091
South Dakota	26,531	26,931	27,844	7,877	9,726	8,928	80,201
Tennessee	129,689	NA	129,219	31,864	46,694	51,131	NA
Texas	964,119	1,019,819	1,000,633	287,004	317,417	359,698	NA
Utah	74,762	74,371	83,497	21,692	24,328	28,742	NA
Vermont	5,134	4,863	5,603	1,513	1,743	1,879	12,639
Virginia	NA	NA	201,482	NA	59,120	70,766	NA
Washington	NA	NA	104,660	35,109	35,250	NA	NA
West Virginia	34,964	NA	33,485	9,936	11,947	13,081	NA
Wisconsin	190,622	191,173	203,069	51,436	69,583	69,603	532,340
Wyoming	NA	NA	29,339	NA	9,968	NA	NA
Total	8,216,698	8,292,334	8,599,285	2,372,700	2,813,930	3,030,068	27,727,489

See footnotes at end of table.

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

(million cubic feet) – continued

State	2020						
	December	November	October	September	August	July	June
Alabama	60,009	47,563	51,695	54,471	61,608	65,812	57,178
Alaska	8,057	7,220	6,573	5,094	4,931	4,994	NA
Arizona	42,138	35,936	42,067	43,813	49,580	49,565	40,426
Arkansas	33,843	24,528	25,037	20,673	27,416	28,394	24,001
California	211,375	179,021	172,144	168,550	181,929	159,573	136,101
Colorado	52,180	40,026	33,182	24,306	26,223	24,665	23,743
Connecticut	30,643	NA	NA	18,455	20,760	23,714	19,471
Delaware	NA	6,921	5,866	6,207	8,550	9,026	7,069
District of Columbia	4,345	2,263	1,173	NA	886	956	961
Florida	109,859	114,773	NA	NA	154,237	154,595	NA
Georgia	80,495	61,713	53,760	53,153	63,932	64,927	59,178
Hawaii	216	177	182	169	181	188	174
Idaho	15,418	12,457	8,894	7,872	7,357	7,641	6,092
Illinois	133,818	87,977	73,023	NA	54,918	69,411	55,621
Indiana	92,345	67,063	61,851	52,823	54,468	57,344	52,114
Iowa	43,205	NA	32,147	26,187	25,058	NA	24,161
Kansas	28,744	21,211	22,138	14,311	17,213	18,695	16,413
Kentucky	36,065	24,781	22,787	16,110	21,469	25,361	20,668
Louisiana	140,416	128,494	NA	NA	134,786	NA	131,840
Maine	4,706	3,196	NA	NA	3,181	3,921	3,661
Maryland	NA	21,207	18,173	14,336	NA	18,938	14,940
Massachusetts	47,574	NA	NA	17,823	NA	27,011	17,203
Michigan	110,112	NA	69,427	47,494	48,352	55,577	44,803
Minnesota	54,943	41,997	34,821	NA	23,428	25,737	NA
Mississippi	48,645	41,045	42,072	44,007	51,515	52,399	47,215
Missouri	38,628	24,588	17,945	15,367	17,384	19,698	15,496
Montana	9,062	7,487	NA	3,733	3,597	3,857	4,245
Nebraska	20,155	15,208	14,125	11,967	12,055	13,289	10,773
Nevada	28,288	NA	23,288	25,610	28,740	26,811	22,663
New Hampshire	4,381	3,518	3,727	4,188	4,179	5,505	3,900
New Jersey	79,690	54,097	39,387	34,123	41,983	50,543	40,625
New Mexico	20,325	15,123	14,056	14,086	15,784	15,070	11,274
New York	152,387	104,189	70,882	69,616	81,545	92,279	70,310
North Carolina	63,052	41,996	37,762	37,259	42,867	NA	NA
North Dakota	9,316	NA	5,883	5,254	5,639	5,531	5,108
Ohio	135,172	92,574	66,123	59,839	67,002	70,711	60,448
Oklahoma	61,380	43,524	45,469	49,219	59,493	NA	52,845
Oregon	29,279	24,905	21,983	19,600	19,232	16,337	10,909
Pennsylvania	153,509	101,961	102,540	103,247	115,790	120,516	98,772
Rhode Island	9,839	7,919	5,180	7,014	7,766	7,473	7,006
South Carolina	31,881	24,703	23,672	25,169	27,795	29,954	23,869
South Dakota	8,614	7,004	5,849	5,689	5,528	5,615	4,564
Tennessee	46,969	30,272	25,015	24,359	25,053	28,457	24,273
Texas	355,407	305,656	NA	334,017	376,946	383,592	NA
Utah	31,666	16,887	12,768	13,621	NA	13,844	12,958
Vermont	1,600	1,160	778	601	633	595	587
Virginia	68,203	43,595	49,689	NA	NA	62,813	51,489
Washington	36,675	29,771	27,250	21,890	20,777	17,874	14,399
West Virginia	11,574	8,966	8,374	5,433	6,762	7,150	6,664
Wisconsin	61,711	43,458	43,768	28,160	30,369	31,093	28,511
Wyoming	10,418	8,923	7,518	NA	6,433	6,215	5,386
Total	2,906,089	2,215,057	2,101,137	1,960,892	2,177,841	2,264,043	1,925,035

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	
	May	April	March	February	January	Total	December
Alabama	49,012	41,055	54,084	58,085	59,144	693,175	54,470
Alaska	NA	NA	8,006	8,461	10,194	80,374	9,041
Arizona	37,915	32,433	31,312	38,627	42,703	453,068	43,211
Arkansas	21,734	21,820	30,465	30,203	36,289	349,156	30,603
California	126,409	NA	183,374	172,560	212,357	2,093,641	211,218
Colorado	23,126	35,183	39,485	50,501	50,801	426,653	51,854
Connecticut	17,653	22,659	25,202	30,009	32,210	276,890	33,791
Delaware	6,071	NA	NA	NA	9,744	88,649	8,310
District of Columbia	1,305	2,033	2,678	3,758	4,225	28,645	4,607
Florida	NA	123,697	NA	114,871	NA	1,528,405	111,302
Georgia	56,568	50,382	56,337	75,293	78,470	748,044	71,622
Hawaii	160	180	251	252	280	3,277	268
Idaho	5,837	7,604	11,342	13,661	14,751	120,174	14,572
Illinois	60,474	81,501	110,125	139,983	146,827	1,105,548	130,382
Indiana	54,075	58,934	76,505	90,053	97,857	883,160	93,330
Iowa	26,803	29,614	36,858	45,021	48,492	431,050	45,046
Kansas	15,145	19,771	23,452	29,011	32,332	271,173	29,253
Kentucky	20,411	20,970	23,130	33,101	35,390	316,999	32,625
Louisiana	127,024	121,581	129,326	128,433	NA	1,570,593	131,257
Maine	3,494	3,471	3,843	4,421	4,885	43,326	4,590
Maryland	14,688	19,644	25,644	31,313	32,934	275,864	31,762
Massachusetts	17,470	29,254	34,251	46,228	51,703	423,918	54,841
Michigan	52,391	71,140	94,528	120,210	124,760	968,460	111,425
Minnesota	24,401	NA	47,038	NA	NA	496,642	59,721
Mississippi	45,380	NA	42,055	50,088	50,357	541,981	45,851
Missouri	14,570	18,726	27,591	39,717	44,284	308,549	36,509
Montana	5,130	6,077	7,958	8,864	9,764	81,070	9,493
Nebraska	9,816	NA	17,168	19,100	23,190	178,246	18,780
Nevada	20,078	20,654	NA	26,405	30,226	298,178	29,864
New Hampshire	2,566	3,925	4,106	4,997	5,780	53,464	5,845
New Jersey	35,465	50,969	59,820	70,063	NA	759,439	91,784
New Mexico	10,947	12,713	17,760	NA	21,179	194,853	22,701
New York	71,595	92,713	119,072	142,658	155,798	1,286,596	154,470
North Carolina	35,395	30,633	46,884	57,512	61,733	553,808	54,298
North Dakota	4,763	6,871	8,464	9,221	10,501	77,802	8,874
Ohio	70,225	87,582	110,594	134,037	137,209	1,128,131	128,444
Oklahoma	49,746	46,365	55,273	64,312	68,304	667,809	64,806
Oregon	10,807	20,853	29,077	26,772	30,754	283,285	31,740
Pennsylvania	87,937	96,574	123,519	143,269	156,152	1,323,927	148,828
Rhode Island	5,900	7,272	8,103	9,415	10,303	97,248	10,071
South Carolina	25,587	24,907	27,914	30,850	32,792	335,120	30,866
South Dakota	4,307	6,100	7,636	9,026	10,269	84,818	9,374
Tennessee	NA	24,685	NA	44,867	45,428	391,301	41,744
Texas	310,386	287,477	322,496	340,114	357,210	3,977,685	349,525
Utah	12,017	NA	18,590	26,766	29,015	232,719	30,476
Vermont	748	1,075	1,377	1,660	1,826	13,863	1,774
Virginia	NA	50,304	NA	NA	72,599	665,412	67,601
Washington	15,806	25,409	NA	NA	37,945	332,431	39,379
West Virginia	6,841	NA	9,215	10,920	NA	99,180	10,160
Wisconsin	31,595	42,501	55,549	65,825	69,799	572,662	65,475
Wyoming	5,868	8,053	NA	9,254	9,963	91,981	10,432
Total	1,859,926	2,025,135	2,466,131	2,791,080	3,035,123	28,308,442	2,888,266

See footnotes at end of table.

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

(million cubic feet) – continued

State	2019						
	November	October	September	August	July	June	May
Alabama	52,645	54,962	62,098	64,663	64,620	59,750	57,880
Alaska	7,765	6,824	5,839	5,718	5,687	4,410	4,433
Arizona	33,101	39,139	40,994	46,828	45,431	38,104	29,707
Arkansas	30,255	28,219	25,702	29,566	30,088	26,953	25,256
California	193,167	172,788	164,347	176,491	161,939	133,348	139,686
Colorado	44,370	31,201	20,731	24,229	22,526	22,303	28,344
Connecticut	26,721	16,961	16,969	19,833	21,498	16,806	17,394
Delaware	7,975	5,824	5,961	7,818	8,734	5,949	5,746
District of Columbia	3,309	972	1,026	1,155	932	1,011	1,277
Florida	105,079	139,765	145,328	151,124	146,609	142,269	141,416
Georgia	67,658	57,540	58,615	63,627	65,272	55,725	53,829
Hawaii	243	269	265	282	290	253	279
Idaho	12,967	10,748	7,945	7,992	7,762	6,473	5,665
Illinois	120,855	70,933	46,805	53,854	60,200	49,424	59,839
Indiana	85,005	65,487	55,689	59,223	59,976	54,195	57,901
Iowa	41,866	32,335	26,417	30,353	28,234	26,880	29,045
Kansas	25,191	19,460	16,716	19,015	18,752	16,256	16,442
Kentucky	32,284	25,246	20,874	21,291	22,297	18,802	19,641
Louisiana	122,266	126,450	129,928	137,194	136,132	134,130	134,290
Maine	3,964	3,252	2,845	2,792	3,070	2,552	2,915
Maryland	26,802	15,629	14,397	16,458	18,606	14,564	15,934
Massachusetts	41,802	23,789	19,516	21,878	25,120	18,396	22,694
Michigan	102,091	68,212	45,643	53,772	53,356	44,566	55,309
Minnesota	47,993	33,923	24,360	26,942	27,528	24,095	28,198
Mississippi	43,960	42,746	49,874	54,963	53,794	41,367	43,749
Missouri	30,237	21,342	14,849	16,538	17,301	14,737	16,153
Montana	8,667	5,831	3,986	3,674	4,034	4,156	4,805
Nebraska	20,539	12,728	9,845	11,838	11,597	9,645	11,371
Nevada	23,798	21,648	23,336	28,415	26,870	23,469	19,008
New Hampshire	3,938	4,855	3,447	4,960	5,337	3,688	1,942
New Jersey	74,848	47,568	42,187	47,499	50,862	42,340	42,941
New Mexico	17,486	15,012	13,396	16,331	14,537	12,353	12,635
New York	126,703	69,838	64,810	78,246	87,400	65,604	69,607
North Carolina	51,730	40,549	40,829	43,408	42,967	38,283	36,315
North Dakota	7,014	4,865	4,783	5,377	5,310	4,885	5,101
Ohio	108,155	71,182	62,503	66,989	68,610	59,238	66,061
Oklahoma	53,494	48,640	54,069	65,341	60,908	53,333	43,136
Oregon	27,733	25,647	21,552	21,856	21,168	15,371	10,766
Pennsylvania	115,746	97,947	93,160	103,859	100,410	83,610	79,832
Rhode Island	8,853	7,041	6,306	7,762	7,785	6,445	7,002
South Carolina	28,586	25,337	27,365	29,804	30,304	26,988	25,834
South Dakota	7,779	5,653	5,242	5,972	6,046	5,277	5,280
Tennessee	40,589	24,199	26,239	26,910	27,118	26,187	25,828
Texas	315,077	308,637	341,073	382,909	360,330	328,708	310,217
Utah	22,351	14,197	11,785	13,191	14,238	12,486	16,471
Vermont	1,437	781	622	607	597	631	733
Virginia	51,329	41,506	51,305	59,267	60,253	52,069	39,305
Washington	32,785	30,061	23,465	23,910	23,142	17,258	15,556
West Virginia	9,835	9,241	6,366	6,441	6,181	5,213	5,681
Wisconsin	58,964	42,348	29,526	33,459	33,107	29,378	32,882
Wyoming	9,208	6,907	5,333	5,702	5,970	5,818	6,665
Total	2,536,215	2,096,233	1,996,263	2,207,326	2,180,835	1,905,754	1,907,998

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2019-2021
(million cubic feet) – continued

State	2019			
	April	March	February	January
Alabama	48,361	60,634	51,449	61,642
Alaska	5,831	7,379	8,148	9,298
Arizona	32,756	33,902	32,996	36,899
Arkansas	24,419	31,780	32,680	33,634
California	137,278	180,449	211,208	211,720
Colorado	30,431	47,134	49,943	53,586
Connecticut	20,486	26,363	27,612	32,454
Delaware	5,847	8,722	8,143	9,619
District of Columbia	1,781	3,625	4,354	4,595
Florida	119,020	112,980	103,430	110,083
Georgia	52,480	59,674	62,289	79,712
Hawaii	279	278	268	302
Idaho	7,269	10,602	13,476	14,704
Illinois	80,088	126,911	140,118	166,138
Indiana	64,310	90,921	90,289	106,835
Iowa	30,831	43,020	46,382	50,640
Kansas	15,723	26,462	32,901	35,002
Kentucky	20,635	33,413	29,665	40,226
Louisiana	129,810	127,344	122,886	138,907
Maine	3,082	4,393	4,653	5,217
Maryland	16,751	33,182	33,414	38,363
Massachusetts	30,555	49,056	53,142	63,127
Michigan	74,055	109,832	114,243	135,956
Minnesota	38,953	54,071	64,770	66,088
Mississippi	39,274	41,298	39,830	45,275
Missouri	18,627	34,932	40,689	46,635
Montana	5,641	9,111	11,848	9,825
Nebraska	11,444	17,853	21,268	21,338
Nevada	19,677	25,328	27,406	29,359
New Hampshire	4,134	5,030	4,487	5,803
New Jersey	53,223	80,841	87,978	97,366
New Mexico	13,370	16,042	18,952	22,040
New York	89,448	145,710	153,419	181,340
North Carolina	36,638	53,007	53,523	62,261
North Dakota	5,954	7,780	8,756	9,104
Ohio	83,435	128,659	131,899	152,958
Oklahoma	44,283	55,123	57,924	66,752
Oregon	18,794	27,936	29,973	30,749
Pennsylvania	77,949	129,639	134,488	158,460
Rhode Island	6,821	9,627	9,070	10,466
South Carolina	24,077	26,724	27,618	31,616
South Dakota	6,349	8,362	9,817	9,666
Tennessee	23,268	40,569	38,873	49,777
Texas	280,575	322,073	314,288	364,272
Utah	14,028	24,519	28,045	30,933
Vermont	1,078	1,628	1,820	2,154
Virginia	41,295	59,871	67,385	74,226
Washington	22,215	30,811	36,289	37,560
West Virginia	6,577	10,964	9,921	12,599
Wisconsin	44,453	60,837	66,712	75,520
Wyoming	6,607	8,939	9,802	10,597
Total	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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Alabama	3.19	2.88	3.78	3.29	3.40	2.92	3.00
Alaska	7.63	8.33	8.11	7.73	7.71	7.43	8.24
Arizona	10.36	2.27	3.11	3.66	27.38	3.49	2.56
Arkansas	NA	NA	4.20	NA	21.50	3.06	NA
California	NA	2.83	3.56	NA	NA	NA	3.02
Colorado	9.17	2.54	3.72	4.11	18.69	3.06	2.81
Connecticut	4.03	4.04	4.81	3.89	5.07	3.14	NA
Delaware	4.28	NA	4.59	4.75	4.52	3.77	NA
District of Columbia	--	--	--	--	--	--	--
Florida	NA	NA	7.56	NA	7.92	NA	NA
Georgia	3.66	3.10	4.10	3.68	4.05	3.29	3.25
Hawaii	17.16	NA	16.02	19.40	17.06	14.80	NA
Idaho	2.54	2.30	2.92	2.39	2.88	2.33	2.37
Illinois	8.26	2.62	3.57	4.20	15.08	3.17	NA
Indiana	4.61	2.84	3.66	3.65	7.00	3.13	2.99
Iowa	10.18	3.39	3.85	5.06	18.89	3.64	3.38
Kansas	16.50	2.80	3.62	5.00	30.80	3.11	NA
Kentucky	3.34	2.76	3.56	3.55	3.64	2.94	2.81
Louisiana	NA	2.91	4.27	NA	4.18	2.98	NA
Maine	NA	NA	8.09	5.55	5.56	NA	NA
Maryland	3.88	3.63	4.51	4.46	3.94	3.47	NA
Massachusetts	4.89	4.29	4.92	4.89	5.16	4.63	NA
Michigan	2.96	2.91	3.45	3.33	2.86	2.84	NA
Minnesota	11.40	NA	4.29	4.09	22.48	4.08	NA
Mississippi	3.94	3.28	4.01	4.58	4.19	3.25	3.35
Missouri	8.41	2.85	3.85	3.43	16.17	3.15	NA
Montana	4.65	2.86	3.10	3.74	6.29	3.37	2.92
Nebraska	7.76	3.23	4.05	3.75	13.66	3.42	NA
Nevada	6.39	NA	5.00	3.60	12.64	3.68	NA
New Hampshire	4.92	4.97	6.73	4.58	5.11	4.99	NA
New Jersey	4.47	4.44	4.82	4.73	4.38	4.39	NA
New Mexico	NA	NA	3.04	NA	NA	3.20	NA
New York	3.52	3.08	3.89	3.39	3.99	3.16	3.64
North Carolina	3.37	2.84	3.69	3.56	3.91	2.89	3.27
North Dakota	7.87	3.15	3.87	4.39	13.32	3.74	3.28
Ohio	NA	NA	3.84	3.78	NA	3.23	NA
Oklahoma	30.43	3.05	3.84	4.00	62.44	3.31	3.35
Oregon	4.01	3.02	3.62	3.33	5.38	3.25	NA
Pennsylvania	4.23	3.71	4.39	4.47	4.37	3.95	NA
Rhode Island	2.06	3.16	2.59	2.24	2.02	1.98	2.59
South Carolina	4.21	3.23	4.28	4.32	4.86	3.63	3.26
South Dakota	9.69	3.15	3.89	4.35	17.65	3.65	3.33
Tennessee	4.05	NA	3.73	3.59	5.12	3.19	NA
Texas	NA	2.43	3.43	NA	38.75	2.99	NA
Utah	6.38	5.95	5.53	6.70	6.18	6.35	NA
Vermont	3.92	3.32	4.35	4.00	3.96	3.82	3.33
Virginia	3.67	3.43	4.21	4.18	3.85	3.25	NA
Washington	NA	3.33	5.18	3.85	3.04	NA	NA
West Virginia	3.10	3.16	3.67	3.65	3.13	2.75	3.17
Wisconsin	5.06	3.16	4.12	4.23	7.30	3.18	3.36
Wyoming	8.60	3.38	3.81	4.34	17.01	3.69	NA
Total	6.96	3.20	4.00	4.09	12.43	3.45	3.42

See footnotes at end of table.

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

State	2020						
	December	November	October	September	August	July	June
Alabama	3.06	3.45	3.11	3.65	3.11	2.67	2.89
Alaska	7.82	7.83	7.85	8.08	8.23	12.30	8.54
Arizona	3.39	3.48	2.17	2.28	2.54	2.58	2.46
Arkansas	3.47	3.85	4.18	5.07	5.82	4.49	3.83
California	4.03	3.79	3.08	3.41	2.27	2.69	2.65
Colorado	2.97	3.44	2.89	3.50	3.37	3.14	2.88
Connecticut	4.02	NA	NA	8.70	8.60	8.36	8.10
Delaware	3.66	4.85	6.87	9.58	11.44	12.52	11.35
District of Columbia	--	--	--	--	--	--	--
Florida	5.98	8.34	NA	NA	NA	6.83	6.90
Georgia	3.53	4.02	3.51	3.68	3.12	2.88	2.72
Hawaii	12.70	11.57	11.23	11.08	12.00	12.38	11.73
Idaho	2.43	2.50	2.43	2.60	2.55	2.60	2.34
Illinois	2.92	3.46	3.01	NA	NA	4.09	NA
Indiana	3.10	3.17	3.12	3.53	4.47	3.96	3.89
Iowa	3.75	3.81	3.23	3.65	3.55	2.66	3.05
Kansas	3.25	3.93	NA	NA	NA	4.46	4.39
Kentucky	2.97	3.33	2.85	3.05	2.84	2.41	2.70
Louisiana	3.34	3.54	2.85	2.15	NA	2.43	2.44
Maine	5.59	NA	NA	6.47	6.35	5.62	6.04
Maryland	NA	4.35	4.80	6.45	7.87	7.95	7.10
Massachusetts	4.67	NA	6.34	10.00	12.13	NA	9.85
Michigan	2.85	3.05	2.55	2.76	2.30	NA	2.15
Minnesota	4.58	4.41	3.36	4.23	NA	3.31	NA
Mississippi	3.53	3.90	3.39	3.81	3.24	3.05	3.11
Missouri	3.48	3.97	3.83	NA	5.99	5.65	6.23
Montana	3.22	3.19	2.40	2.56	3.31	2.83	3.19
Nebraska	3.45	3.33	3.22	3.89	3.60	2.56	2.78
Nevada	3.81	3.88	3.50	3.58	2.99	3.13	2.78
New Hampshire	4.68	4.31	4.39	7.76	8.39	9.23	NA
New Jersey	4.07	4.15	4.13	4.68	5.28	NA	NA
New Mexico	3.13	3.18	2.82	2.43	2.38	2.53	2.30
New York	3.14	3.38	4.54	6.93	7.52	7.29	6.80
North Carolina	3.07	3.59	3.62	4.35	4.78	4.76	4.30
North Dakota	3.68	4.09	3.11	3.73	3.49	3.01	3.12
Ohio	3.28	3.28	2.91	3.45	NA	NA	2.53
Oklahoma	3.49	3.77	3.53	4.98	4.27	3.99	3.97
Oregon	3.31	3.34	NA	4.86	5.37	4.95	4.31
Pennsylvania	3.84	4.48	3.09	3.28	2.86	3.28	4.22
Rhode Island	1.96	1.96	1.97	2.01	2.04	2.07	2.11
South Carolina	3.70	4.02	3.54	3.25	3.25	2.68	2.83
South Dakota	3.62	4.10	3.18	4.08	4.06	3.99	3.78
Tennessee	3.22	3.51	3.05	3.34	2.86	NA	3.32
Texas	3.15	3.18	2.58	2.99	2.90	2.76	2.75
Utah	NA	6.08	4.89	2.67	2.09	2.19	2.34
Vermont	3.82	3.79	3.26	3.48	3.01	2.76	2.91
Virginia	3.14	NA	NA	4.94	4.83	4.51	NA
Washington	3.65	3.46	3.49	5.37	NA	5.50	4.71
West Virginia	2.76	2.98	3.47	4.09	4.54	4.31	4.11
Wisconsin	3.49	4.23	3.08	4.16	3.68	3.37	3.65
Wyoming	3.51	NA	NA	2.77	3.14	3.08	2.99
Total	3.55	3.80	3.47	4.10	3.96	3.86	3.85

See footnotes at end of table.

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

State	2020					2019	
	May	April	March	February	January	Total	December
Alabama	2.89	2.74	2.68	2.95	2.93	3.56	3.22
Alaska	8.09	8.19	8.33	8.36	8.31	8.27	8.83
Arizona	2.51	1.80	2.31	2.17	2.33	2.62	2.74
Arkansas	2.65	3.68	4.05	NA	3.56	4.04	3.82
California	2.47	2.36	2.43	2.55	3.32	3.10	3.87
Colorado	2.99	2.25	2.57	2.39	2.67	3.38	2.97
Connecticut	6.08	4.19	4.14	3.96	4.05	5.36	4.26
Delaware	7.11	4.82	5.34	NA	4.14	5.71	4.13
District of Columbia	--	--	--	--	--	--	--
Florida	NA	NA	NA	5.59	NA	7.22	6.08
Georgia	3.06	2.98	3.22	2.96	3.14	3.78	3.44
Hawaii	NA	NA	NA	17.21	16.63	17.75	16.43
Idaho	2.39	2.09	2.27	2.35	2.28	2.46	2.24
Illinois	2.13	3.13	2.58	2.57	2.68	3.18	2.84
Indiana	3.00	2.42	2.86	2.75	2.91	3.43	2.97
Iowa	2.90	3.01	3.63	3.19	3.44	3.47	3.27
Kansas	4.04	3.00	3.07	2.65	2.79	3.68	2.98
Kentucky	2.60	2.34	2.95	2.64	2.78	3.37	2.97
Louisiana	NA	2.69	2.96	2.80	2.97	3.59	3.34
Maine	4.13	4.47	5.61	NA	6.65	6.51	7.06
Maryland	5.57	3.49	3.78	3.62	3.55	4.82	3.56
Massachusetts	6.21	4.57	4.73	4.14	4.14	5.53	4.55
Michigan	2.46	2.40	2.94	2.90	2.89	3.17	2.99
Minnesota	NA	2.53	3.43	NA	NA	3.82	3.65
Mississippi	2.90	3.12	3.48	3.10	3.33	3.77	3.44
Missouri	4.97	3.79	3.29	2.72	2.75	4.22	3.91
Montana	2.89	2.76	3.49	2.48	2.81	2.66	2.49
Nebraska	2.80	NA	3.34	3.12	3.26	3.65	3.18
Nevada	2.86	2.66	2.49	NA	3.50	4.11	3.88
New Hampshire	NA	NA	3.99	4.78	5.79	5.74	5.21
New Jersey	NA	4.41	4.73	4.45	4.26	4.83	4.33
New Mexico	2.36	1.54	2.66	NA	2.34	2.56	2.54
New York	4.52	2.92	2.98	3.05	3.18	4.25	3.36
North Carolina	3.84	3.33	2.94	2.79	2.85	3.85	3.04
North Dakota	2.92	2.57	2.94	3.22	3.24	3.57	3.41
Ohio	3.11	2.70	NA	2.95	3.07	3.60	3.14
Oklahoma	3.10	3.01	3.27	2.89	3.09	3.64	3.14
Oregon	3.78	3.13	2.95	3.00	3.10	3.56	3.22
Pennsylvania	NA	3.72	3.78	3.74	3.63	4.53	3.90
Rhode Island	2.14	2.56	5.24	2.56	2.30	2.49	2.32
South Carolina	3.14	2.94	3.24	3.22	3.23	3.86	3.66
South Dakota	2.82	2.57	3.23	3.09	3.15	3.51	2.98
Tennessee	NA	2.41	2.92	2.65	NA	3.54	3.10
Texas	NA	2.69	2.43	2.31	2.55	3.02	2.70
Utah	4.11	5.19	5.70	5.93	6.14	4.80	5.77
Vermont	3.19	2.98	3.29	3.28	3.37	3.86	3.58
Virginia	NA	3.64	3.66	3.33	3.40	4.52	3.55
Washington	4.29	3.30	3.09	3.27	3.60	4.25	4.05
West Virginia	3.37	2.54	3.48	3.07	3.04	3.71	3.21
Wisconsin	3.14	3.11	3.07	3.10	3.29	3.84	3.51
Wyoming	3.33	NA	3.35	3.45	3.35	3.48	3.51
Total	3.37	3.05	3.23	3.10	3.28	3.81	3.50

See footnotes at end of table.

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

State	2019						
	November	October	September	August	July	June	May
Alabama	3.35	3.58	3.52	3.37	3.45	3.42	3.74
Alaska	8.11	7.62	8.38	8.82	8.76	8.53	8.29
Arizona	2.96	2.35	2.62	2.33	1.36	1.92	1.53
Arkansas	3.17	3.29	3.43	3.57	6.56	10.32	3.81
California	2.94	2.95	2.57	2.53	2.34	2.33	2.12
Colorado	2.91	2.80	4.47	3.87	3.33	3.73	3.01
Connecticut	4.22	5.92	8.05	8.40	8.55	8.73	6.69
Delaware	4.59	8.54	11.94	11.99	11.96	11.41	8.84
District of Columbia	--	--	--	--	--	--	--
Florida	7.97	7.95	7.12	8.25	7.34	6.93	6.20
Georgia	3.52	3.57	3.51	3.42	3.59	3.83	3.83
Hawaii	17.98	18.98	17.52	16.47	16.81	17.26	21.98
Idaho	2.46	2.25	1.71	1.61	1.50	1.72	2.20
Illinois	2.91	2.30	2.83	2.78	2.95	2.74	2.80
Indiana	2.97	2.94	3.71	3.90	3.83	3.90	3.57
Iowa	3.38	3.02	3.30	2.91	3.16	3.39	3.10
Kansas	2.96	3.26	5.98	4.93	4.83	5.83	5.19
Kentucky	3.25	3.20	3.10	3.01	2.96	3.41	3.31
Louisiana	3.33	3.16	2.99	3.01	3.23	3.45	3.42
Maine	5.05	3.62	4.32	4.72	5.03	4.57	3.77
Maryland	3.89	6.93	8.60	8.85	9.06	7.94	7.12
Massachusetts	4.86	6.21	10.35	11.44	12.05	10.55	6.01
Michigan	3.04	2.73	2.38	2.10	2.48	2.81	2.81
Minnesota	3.56	2.65	3.48	3.79	3.88	3.70	3.30
Mississippi	3.44	3.54	3.60	3.50	3.47	3.87	3.90
Missouri	3.59	3.58	6.81	7.62	7.84	7.28	6.13
Montana	2.42	1.86	2.19	2.11	2.60	2.96	1.94
Nebraska	3.28	2.76	3.88	3.66	3.77	3.69	3.34
Nevada	3.66	3.31	3.36	3.32	3.34	3.13	2.80
New Hampshire	4.42	3.89	6.88	4.35	7.48	6.67	3.99
New Jersey	4.27	5.34	5.57	6.01	5.70	5.49	4.77
New Mexico	2.34	2.08	2.80	2.35	1.88	1.90	1.57
New York	3.57	5.09	7.51	7.95	8.29	7.30	5.15
North Carolina	3.33	4.42	5.24	5.60	5.77	5.02	5.86
North Dakota	3.45	2.94	3.32	3.37	3.35	3.49	3.08
Ohio	3.28	3.79	3.78	3.73	3.40	3.68	3.74
Oklahoma	3.18	3.47	3.65	3.34	4.06	4.75	3.77
Oregon	3.38	3.17	3.82	4.51	5.03	4.20	3.90
Pennsylvania	4.17	3.79	5.82	8.06	8.52	7.37	6.53
Rhode Island	2.32	2.32	2.38	2.44	2.49	2.53	2.55
South Carolina	3.81	3.51	3.76	3.39	3.47	3.67	3.91
South Dakota	3.31	2.77	3.96	3.89	3.82	3.85	2.97
Tennessee	3.24	3.23	3.64	3.64	3.63	4.06	3.57
Texas	2.67	2.58	2.60	2.95	2.80	2.54	2.44
Utah	6.28	4.07	2.88	2.67	2.83	2.86	3.14
Vermont	3.47	3.17	3.28	3.23	3.57	3.56	3.69
Virginia	3.91	5.20	5.82	7.25	6.70	6.78	6.67
Washington	3.56	3.00	3.11	3.71	3.89	3.48	3.70
West Virginia	3.26	3.77	4.82	4.75	5.37	4.74	4.49
Wisconsin	3.48	3.03	4.56	4.02	3.66	4.38	3.88
Wyoming	3.37	2.93	2.43	3.20	3.25	3.10	3.20
Total	3.46	3.42	4.07	4.15	4.17	4.17	3.66

See footnotes at end of table.

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

State	2019			
	April	March	February	January
Alabama	3.48	3.59	3.65	3.99
Alaska	8.40	8.14	8.49	7.76
Arizona	1.63	3.03	2.97	3.30
Arkansas	4.98	4.09	3.83	4.76
California	2.56	3.57	3.71	3.40
Colorado	3.35	3.79	3.56	3.80
Connecticut	5.58	4.70	4.70	4.98
Delaware	7.38	4.97	4.54	4.37
District of Columbia	--	--	--	--
Florida	6.74	7.97	7.95	7.05
Georgia	3.92	3.83	4.00	4.36
Hawaii	21.85	18.51	15.60	13.97
Idaho	2.03	3.15	3.31	2.43
Illinois	3.05	3.96	3.24	3.58
Indiana	3.37	3.83	3.47	3.69
Iowa	3.15	3.95	3.62	4.00
Kansas	4.19	3.99	3.28	3.70
Kentucky	3.80	3.43	3.64	3.61
Louisiana	3.48	4.02	4.16	4.52
Maine	5.32	7.41	8.15	8.55
Maryland	6.32	4.57	4.63	4.39
Massachusetts	4.95	5.05	4.79	4.93
Michigan	3.10	3.41	3.37	3.55
Minnesota	3.09	4.61	3.86	4.45
Mississippi	4.03	3.93	3.96	4.09
Missouri	4.69	3.92	3.71	3.92
Montana	2.71	3.27	2.89	3.21
Nebraska	3.48	4.17	3.70	4.29
Nevada	3.32	4.30	6.17	4.25
New Hampshire	4.03	5.37	6.36	7.99
New Jersey	5.84	4.79	5.02	4.68
New Mexico	1.52	2.62	2.83	3.45
New York	4.09	3.62	3.58	4.35
North Carolina	4.36	3.74	3.55	3.76
North Dakota	3.39	3.98	3.53	4.13
Ohio	3.54	3.67	3.84	3.99
Oklahoma	3.78	3.90	3.65	3.97
Oregon	3.03	3.74	3.83	3.27
Pennsylvania	4.84	4.71	4.13	4.38
Rhode Island	2.59	2.60	2.59	2.58
South Carolina	4.14	4.17	4.19	4.45
South Dakota	3.31	4.10	3.51	4.12
Tennessee	3.78	3.65	3.59	3.87
Texas	3.36	3.18	3.38	3.60
Utah	4.07	5.34	5.70	5.53
Vermont	4.01	4.27	4.18	4.56
Virginia	5.46	4.18	4.22	4.23
Washington	3.41	7.02	5.39	3.41
West Virginia	3.89	3.73	3.57	3.71
Wisconsin	3.64	4.16	4.11	4.09
Wyoming	3.21	3.80	3.62	4.02
Total	3.72	4.07	3.91	4.03

-- 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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Alabama	13.73	14.54	13.99	14.25	13.56	13.55	16.17
Alaska	10.57	10.68	10.27	10.58	10.56	10.58	11.13
Arizona	12.34	11.21	11.80	13.52	12.67	11.31	13.11
Arkansas	9.87	10.75	10.00	9.76	9.73	10.11	11.98
California	15.64	14.49	13.28	15.48	15.60	15.79	NA
Colorado	6.87	6.01	7.47	7.28	6.65	6.74	7.17
Connecticut	13.67	12.98	13.42	14.30	13.59	13.23	NA
Delaware	11.22	NA	10.38	11.36	11.19	11.14	NA
District of Columbia	12.29	10.86	11.78	15.88	11.33	10.77	12.36
Florida	19.35	NA	18.82	21.47	19.02	18.23	NA
Georgia	12.02	NA	11.52	13.52	11.76	11.48	NA
Hawaii	43.05	NA	41.71	46.34	42.96	39.99	NA
Idaho	6.38	6.32	6.04	6.51	6.41	6.26	6.73
Illinois	7.05	6.48	7.02	8.53	6.55	6.63	7.94
Indiana	7.26	7.03	7.35	8.38	6.78	7.06	8.57
Iowa	7.38	6.30	7.54	10.09	7.12	6.09	NA
Kansas	7.89	7.39	7.89	9.37	7.05	8.00	NA
Kentucky	8.90	9.49	8.88	10.62	7.96	8.97	11.19
Louisiana	9.60	NA	9.82	9.88	9.03	9.94	NA
Maine	14.57	13.96	16.02	15.15	14.32	14.27	NA
Maryland	12.27	12.05	11.27	13.45	12.22	11.48	13.29
Massachusetts	15.38	14.19	14.74	15.36	14.86	15.97	NA
Michigan	7.85	7.38	7.43	8.79	7.54	7.61	8.25
Minnesota	7.57	NA	7.88	7.80	7.60	7.37	NA
Mississippi	NA	9.85	9.60	10.22	NA	NA	NA
Missouri	8.13	8.55	8.67	8.78	7.64	8.15	NA
Montana	7.29	6.55	6.59	7.60	7.20	7.07	NA
Nebraska	6.97	6.31	7.15	7.19	6.76	7.01	7.85
Nevada	7.87	9.86	7.49	8.04	7.80	7.81	10.36
New Hampshire	13.92	13.81	15.45	13.54	13.70	14.57	14.66
New Jersey	9.26	9.29	9.18	9.42	9.29	9.10	9.90
New Mexico	7.13	NA	5.74	7.62	6.90	6.97	NA
New York	11.20	11.64	11.53	11.54	10.89	11.22	12.82
North Carolina	12.14	12.25	11.49	13.42	12.77	11.09	NA
North Dakota	5.91	5.58	5.99	6.27	5.82	5.67	6.82
Ohio	7.61	7.32	7.37	8.71	7.25	7.24	NA
Oklahoma	6.49	6.60	6.83	6.39	6.29	6.79	9.19
Oregon	10.51	10.40	9.05	10.77	9.38	11.42	NA
Pennsylvania	10.15	10.58	10.49	10.84	9.93	9.87	11.49
Rhode Island	14.80	13.72	14.58	14.84	14.71	14.86	15.06
South Carolina	12.71	11.80	11.41	15.10	11.78	12.33	NA
South Dakota	7.05	6.31	6.79	8.70	6.10	6.64	7.11
Tennessee	NA	NA	8.39	NA	7.44	8.47	NA
Texas	NA	8.52	8.19	9.80	9.04	NA	NA
Utah	8.49	8.24	7.63	8.52	8.67	8.34	NA
Vermont	11.92	11.59	11.91	11.99	11.77	12.01	13.29
Virginia	11.68	11.46	11.15	12.59	11.84	10.91	NA
Washington	NA	10.24	8.64	10.75	10.44	NA	10.97
West Virginia	9.11	9.20	9.07	9.34	9.04	9.03	10.07
Wisconsin	7.29	6.88	7.27	7.91	7.29	6.90	7.52
Wyoming	8.04	7.19	7.03	8.08	8.02	8.03	NA
Total	9.82	9.47	9.39	10.55	9.37	9.74	10.84

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						
	December	November	October	September	August	July	June
Alabama	14.23	18.58	21.24	22.93	22.74	22.46	20.44
Alaska	10.59	10.61	11.10	12.27	13.78	14.19	13.47
Arizona	11.16	13.51	17.34	19.95	20.43	19.19	17.77
Arkansas	11.05	12.44	16.74	20.79	21.17	19.03	16.31
California	15.32	14.38	14.74	14.75	14.34	14.34	14.58
Colorado	6.94	7.44	8.05	10.31	13.37	13.25	11.46
Connecticut	13.44	NA	18.31	23.03	23.68	21.91	19.67
Delaware	11.82	14.66	19.98	25.29	26.11	24.51	19.40
District of Columbia	11.17	13.48	16.93	20.78	20.63	19.77	16.09
Florida	20.24	23.47	25.26	26.23	NA	25.14	22.19
Georgia	11.71	21.71	24.88	28.22	29.48	27.70	23.81
Hawaii	38.60	37.96	37.84	37.28	37.36	38.17	38.30
Idaho	6.24	6.42	7.30	8.48	9.71	10.12	8.19
Illinois	6.79	7.99	8.85	16.59	19.53	18.97	12.65
Indiana	6.91	8.90	10.42	18.25	22.18	21.00	18.66
Iowa	6.51	8.16	9.72	15.76	18.15	NA	13.70
Kansas	8.24	9.58	10.25	18.40	NA	21.05	20.74
Kentucky	8.79	11.21	13.76	24.27	26.22	25.01	21.44
Louisiana	10.45	14.16	15.82	17.64	17.68	15.98	15.13
Maine	13.75	14.87	NA	22.85	28.00	25.39	20.02
Maryland	11.89	14.55	17.43	20.87	22.03	19.29	18.61
Massachusetts	15.40	NA	NA	15.04	15.71	15.30	13.23
Michigan	7.72	8.31	8.66	11.24	14.31	13.97	12.43
Minnesota	7.89	8.37	8.04	10.94	11.36	12.76	NA
Mississippi	9.89	12.49	15.43	19.05	18.76	17.38	16.49
Missouri	8.98	10.98	15.17	24.04	NA	23.85	18.86
Montana	7.16	7.64	NA	10.94	11.43	9.78	8.47
Nebraska	7.91	8.75	12.43	15.38	15.99	14.35	11.61
Nevada	8.18	9.20	11.76	13.44	13.84	13.66	13.21
New Hampshire	15.56	16.09	19.20	22.60	23.22	20.38	15.40
New Jersey	9.39	10.19	11.48	13.14	13.29	12.99	12.43
New Mexico	7.21	7.81	11.16	11.93	12.74	10.54	10.32
New York	12.17	13.70	16.13	19.27	19.85	19.36	16.06
North Carolina	11.27	15.36	21.55	19.24	20.42	NA	NA
North Dakota	5.74	6.43	8.64	15.16	20.62	20.23	12.54
Ohio	7.49	9.60	13.20	23.14	28.61	27.01	NA
Oklahoma	8.02	9.44	18.64	23.14	25.43	23.22	16.93
Oregon	10.05	10.38	11.37	14.93	15.58	13.67	NA
Pennsylvania	10.20	10.98	13.72	18.82	20.65	19.99	16.44
Rhode Island	15.45	16.15	18.98	21.54	21.54	19.88	17.58
South Carolina	10.32	15.85	20.83	24.85	26.27	26.07	NA
South Dakota	6.44	7.12	8.40	12.68	15.32	14.67	9.91
Tennessee	7.52	9.49	12.92	17.08	20.02	17.40	13.36
Texas	10.41	14.12	NA	21.75	21.59	19.91	18.88
Utah	8.34	7.41	9.48	9.71	10.08	9.12	8.89
Vermont	12.60	13.87	17.19	21.69	23.80	22.06	17.59
Virginia	11.54	14.60	16.55	19.15	20.45	19.42	16.18
Washington	10.57	10.59	10.89	14.40	14.99	14.44	12.99
West Virginia	9.03	9.96	11.67	15.35	20.14	18.59	13.78
Wisconsin	7.12	7.85	6.99	12.16	14.06	13.28	11.56
Wyoming	7.98	8.42	12.14	16.45	NA	16.08	12.12
Total	9.81	11.07	12.36	16.99	18.42	17.63	15.37

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	
	May	April	March	February	January	Total	December
Alabama	17.93	17.21	14.52	14.33	14.77	15.63	14.74
Alaska	12.34	11.36	10.79	10.76	10.55	11.11	10.78
Arizona	16.74	13.74	11.92	11.17	10.85	13.49	11.45
Arkansas	12.63	11.35	10.69	10.39	11.18	11.05	9.78
California	14.56	NA	13.70	14.57	15.02	12.95	12.74
Colorado	8.78	6.59	6.44	5.80	5.92	7.77	6.21
Connecticut	15.55	14.28	13.40	12.84	12.80	14.61	12.62
Delaware	14.26	NA	NA	NA	11.38	12.10	11.64
District of Columbia	12.64	12.26	10.50	10.63	11.38	12.81	11.25
Florida	NA	19.91	NA	18.61	NA	21.73	19.65
Georgia	NA	15.71	13.48	12.06	NA	14.87	10.93
Hawaii	35.00	NA	NA	43.98	43.17	44.14	44.37
Idaho	7.57	6.90	6.54	6.22	6.26	6.50	6.17
Illinois	9.18	7.50	6.99	6.25	6.36	8.04	6.60
Indiana	10.72	8.01	7.61	6.63	7.06	8.68	7.24
Iowa	10.69	7.12	7.00	5.99	6.17	8.19	5.99
Kansas	13.99	9.80	8.34	6.99	7.22	9.24	7.69
Kentucky	15.59	11.07	10.64	8.73	9.59	10.85	9.54
Louisiana	13.74	12.89	11.01	10.33	NA	11.51	10.20
Maine	14.47	13.41	13.24	14.84	13.70	16.05	13.54
Maryland	14.19	11.92	12.51	12.14	11.70	12.55	11.14
Massachusetts	13.57	14.52	14.25	14.14	14.19	14.72	14.42
Michigan	9.27	8.28	7.70	7.25	7.28	8.08	7.55
Minnesota	9.29	7.26	7.04	NA	NA	8.06	7.19
Mississippi	14.61	NA	11.21	9.47	9.40	10.77	9.39
Missouri	12.52	10.06	9.04	8.26	8.49	10.41	8.84
Montana	7.19	6.61	6.59	6.54	6.52	7.09	6.65
Nebraska	8.56	6.90	6.46	6.17	6.35	7.90	6.43
Nevada	12.24	10.98	10.23	9.91	9.59	9.50	9.59
New Hampshire	11.95	13.07	13.16	13.94	14.24	15.75	13.93
New Jersey	9.95	9.55	9.09	9.15	9.56	9.73	9.56
New Mexico	7.47	5.70	5.66	NA	6.00	6.40	5.22
New York	11.58	12.10	11.95	11.64	11.39	12.61	10.75
North Carolina	NA	14.05	14.41	11.62	11.80	12.88	11.42
North Dakota	7.99	6.08	5.67	5.51	5.56	7.00	5.68
Ohio	11.12	8.50	7.82	6.99	7.30	9.58	7.45
Oklahoma	11.48	8.41	6.87	6.29	6.70	9.40	6.81
Oregon	12.15	10.01	9.84	10.39	10.88	9.97	10.19
Pennsylvania	11.72	11.14	10.90	10.57	10.38	11.70	10.18
Rhode Island	15.09	14.38	13.91	13.79	13.52	15.36	13.55
South Carolina	17.16	16.27	14.10	10.84	11.44	13.14	11.15
South Dakota	7.79	6.62	6.83	6.27	6.00	7.29	6.33
Tennessee	NA	9.15	NA	7.61	8.01	9.45	8.04
Texas	15.96	13.23	9.34	8.13	8.32	10.61	9.17
Utah	8.72	NA	8.37	8.20	8.17	7.82	8.19
Vermont	13.18	12.25	11.98	11.29	11.62	13.14	11.73
Virginia	NA	12.42	11.55	10.94	11.90	12.62	11.86
Washington	12.09	11.26	10.28	10.20	10.23	9.82	10.25
West Virginia	11.12	10.04	9.39	9.17	9.10	9.90	9.00
Wisconsin	7.81	6.71	7.03	6.87	6.78	7.68	6.97
Wyoming	9.22	8.01	7.47	7.09	7.04	8.06	7.24
Total	11.85	10.66	9.85	9.12	9.51	10.51	9.30

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						
	November	October	September	August	July	June	May
Alabama	15.64	22.51	23.31	23.15	22.49	21.35	18.65
Alaska	11.08	11.48	12.62	14.78	15.28	13.82	11.58
Arizona	13.75	17.01	20.61	21.62	20.46	18.25	16.18
Arkansas	8.95	18.22	20.57	20.91	19.68	18.27	14.59
California	11.87	12.99	12.66	12.87	13.45	12.62	12.69
Colorado	6.41	7.45	12.82	14.14	13.49	11.32	8.74
Connecticut	13.03	18.52	22.69	24.91	23.91	20.41	17.06
Delaware	13.19	20.63	23.50	24.38	23.29	19.90	15.77
District of Columbia	12.34	18.92	17.32	20.66	21.00	17.79	15.72
Florida	23.60	25.99	25.65	26.77	27.05	25.72	22.95
Georgia	12.38	24.55	28.93	28.33	27.80	27.11	22.24
Hawaii	44.83	45.19	45.36	42.41	43.34	42.98	47.85
Idaho	6.21	6.47	8.35	9.83	9.59	8.89	7.60
Illinois	6.35	9.36	17.82	18.91	18.49	14.85	10.34
Indiana	7.47	11.17	19.56	23.04	20.58	18.97	12.32
Iowa	6.90	9.73	19.16	17.17	17.38	14.20	10.97
Kansas	7.63	9.56	21.50	21.73	20.64	19.23	14.63
Kentucky	9.00	16.38	26.13	26.32	27.08	24.92	19.72
Louisiana	11.17	17.33	17.29	16.60	16.92	16.22	14.23
Maine	13.03	16.18	23.33	27.02	26.11	20.05	16.05
Maryland	11.48	16.86	21.11	21.39	21.20	19.77	15.87
Massachusetts	13.56	13.89	16.20	16.99	16.39	14.66	14.70
Michigan	7.50	8.46	12.88	14.16	13.21	11.47	9.68
Minnesota	7.22	7.50	11.45	13.09	14.66	11.61	8.70
Mississippi	9.47	16.78	17.41	17.52	17.19	17.00	13.96
Missouri	9.56	17.53	25.23	25.21	24.38	20.20	14.25
Montana	6.84	7.58	10.48	12.73	9.87	8.35	7.57
Nebraska	6.91	10.79	15.26	16.21	14.75	12.84	9.78
Nevada	10.70	12.29	14.66	15.55	14.49	12.61	11.45
New Hampshire	15.11	19.15	23.55	24.10	21.56	17.14	15.70
New Jersey	9.92	11.64	12.73	13.49	12.78	11.62	10.54
New Mexico	6.25	10.00	11.88	9.51	9.79	11.45	6.32
New York	12.45	16.89	19.97	20.14	19.86	17.06	13.99
North Carolina	11.42	21.77	25.24	21.88	24.37	19.11	23.46
North Dakota	6.14	8.52	16.57	21.07	19.82	12.14	8.16
Ohio	8.45	15.44	28.78	29.32	27.29	23.29	14.63
Oklahoma	9.11	22.17	27.57	27.68	25.83	20.76	15.65
Oregon	10.15	9.90	12.98	15.37	13.64	6.72	12.52
Pennsylvania	11.08	15.20	19.98	21.15	20.28	18.16	14.79
Rhode Island	15.62	19.61	21.49	21.92	20.92	18.12	16.15
South Carolina	10.57	26.11	24.81	26.22	24.38	24.06	24.94
South Dakota	6.60	8.33	15.70	15.05	12.41	9.70	7.74
Tennessee	8.38	16.19	18.86	20.21	18.55	17.55	14.56
Texas	9.92	21.00	22.27	22.09	20.05	17.53	15.22
Utah	7.25	7.74	9.79	10.09	9.44	7.74	7.58
Vermont	13.12	16.80	21.50	22.91	21.66	17.07	13.71
Virginia	11.77	18.56	20.73	22.50	21.48	19.89	17.52
Washington	10.15	9.30	12.38	15.18	14.27	13.23	11.53
West Virginia	9.36	11.78	18.83	18.54	17.64	18.25	13.36
Wisconsin	7.08	7.76	13.42	14.36	14.30	11.90	7.82
Wyoming	7.54	9.97	17.01	18.08	15.15	9.74	8.72
Total	9.33	12.50	17.61	18.38	17.74	15.55	12.76

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			
	April	March	February	January
Alabama	15.55	14.39	13.88	13.81
Alaska	11.05	10.39	10.33	10.14
Arizona	14.33	12.05	11.69	11.70
Arkansas	10.89	9.77	9.68	10.54
California	12.95	13.28	13.08	13.50
Colorado	8.20	7.66	7.57	7.22
Connecticut	15.30	13.73	13.36	13.18
Delaware	11.67	10.60	10.06	10.52
District of Columbia	12.87	11.42	11.70	12.23
Florida	21.14	20.56	18.19	18.21
Georgia	14.66	11.71	11.79	11.22
Hawaii	48.74	43.69	42.74	38.92
Idaho	6.87	6.11	6.00	6.01
Illinois	8.46	7.09	7.17	6.84
Indiana	9.59	7.50	7.34	7.24
Iowa	8.58	7.83	7.35	7.51
Kansas	12.53	7.91	7.68	8.08
Kentucky	12.03	8.64	9.19	8.81
Louisiana	11.17	10.17	8.94	10.42
Maine	16.26	15.77	16.42	15.85
Maryland	14.36	11.47	11.20	11.18
Massachusetts	15.16	14.68	14.58	14.97
Michigan	8.44	7.62	7.47	7.27
Minnesota	8.07	7.63	7.82	8.12
Mississippi	10.58	9.57	9.45	9.76
Missouri	10.74	8.64	8.51	8.86
Montana	7.04	6.49	6.57	6.73
Nebraska	8.02	6.73	6.92	7.90
Nevada	9.93	7.87	7.43	7.26
New Hampshire	14.81	14.66	15.51	16.16
New Jersey	9.16	9.31	9.27	8.98
New Mexico	6.21	6.21	5.57	5.61
New York	12.09	10.86	11.44	12.28
North Carolina	14.93	10.51	12.54	11.43
North Dakota	6.62	5.80	5.85	6.32
Ohio	9.92	7.46	7.26	7.39
Oklahoma	10.64	7.12	7.04	6.36
Oregon	11.06	9.15	8.47	9.60
Pennsylvania	13.38	10.82	10.40	10.30
Rhode Island	15.14	14.57	14.48	14.70
South Carolina	14.09	11.71	11.80	10.94
South Dakota	7.17	6.62	6.74	7.02
Tennessee	9.91	8.16	8.50	8.46
Texas	10.46	8.21	8.23	8.15
Utah	7.69	7.57	7.72	7.58
Vermont	12.65	11.97	11.77	12.01
Virginia	13.06	11.40	11.38	10.73
Washington	10.11	8.94	8.34	8.75
West Virginia	10.34	9.15	9.09	8.99
Wisconsin	7.37	7.37	7.18	7.28
Wyoming	7.68	6.91	7.15	7.03
Total	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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Alabama	11.44	11.85	11.47	11.58	11.45	11.34	12.08
Alaska	9.65	9.81	9.43	9.65	9.65	9.64	NA
Arizona	7.30	6.70	7.41	7.80	7.35	6.84	6.91
Arkansas	7.05	7.37	7.57	6.83	7.03	7.27	7.45
California	12.07	10.09	10.25	12.03	11.79	12.37	9.86
Colorado	6.36	5.44	7.09	6.66	6.31	6.16	6.24
Connecticut	9.09	8.45	9.29	9.60	9.10	8.67	NA
Delaware	9.74	NA	9.24	9.73	9.83	9.65	NA
District of Columbia	11.09	10.34	11.21	12.43	10.61	10.35	10.97
Florida	NA	NA	11.15	11.77	11.46	NA	NA
Georgia	7.58	7.30	8.46	8.31	7.37	7.34	7.58
Hawaii	31.69	NA	28.88	34.29	31.56	29.06	NA
Idaho	5.55	5.43	5.31	5.63	5.55	5.48	5.59
Illinois	NA	5.73	6.46	NA	5.75	5.95	6.85
Indiana	6.33	6.12	6.45	7.26	5.86	6.27	6.86
Iowa	6.31	5.14	6.29	8.36	6.29	5.10	5.80
Kansas	7.13	6.27	7.06	7.78	6.86	7.03	7.52
Kentucky	7.47	7.83	7.70	8.31	6.83	7.62	8.68
Louisiana	8.67	8.80	8.64	8.50	8.27	9.24	NA
Maine	NA	11.57	13.60	12.73	12.09	NA	NA
Maryland	10.58	9.97	9.64	11.25	10.65	10.00	10.81
Massachusetts	11.68	11.32	11.63	11.70	11.58	11.77	11.03
Michigan	6.89	6.27	6.49	7.49	6.65	6.72	6.87
Minnesota	6.50	NA	6.96	6.71	6.50	6.35	NA
Mississippi	NA	8.51	8.79	9.18	8.29	NA	NA
Missouri	6.50	6.72	7.21	6.65	6.40	6.47	NA
Montana	7.20	6.44	6.56	7.47	7.19	6.94	NA
Nebraska	5.70	5.15	6.18	5.75	5.61	5.77	5.33
Nevada	5.60	7.55	5.32	5.60	5.59	5.62	7.25
New Hampshire	10.66	10.50	12.46	10.38	10.44	11.21	11.29
New Jersey	8.80	8.57	9.29	9.00	8.80	8.64	8.80
New Mexico	5.84	NA	4.68	6.11	5.62	5.83	NA
New York	7.47	7.49	7.94	7.71	7.35	7.37	6.91
North Carolina	8.97	8.60	8.67	9.32	9.37	8.44	NA
North Dakota	5.48	5.21	5.77	5.65	5.51	5.28	5.26
Ohio	5.57	5.31	5.78	6.09	5.45	5.34	NA
Oklahoma	5.39	5.27	5.75	5.26	5.27	5.65	6.87
Oregon	NA	8.08	7.67	8.16	7.38	NA	NA
Pennsylvania	8.60	NA	8.89	9.20	8.50	8.26	NA
Rhode Island	11.97	11.06	12.21	12.10	11.88	11.95	12.31
South Carolina	9.53	8.41	8.88	10.11	9.15	9.49	8.57
South Dakota	5.76	5.01	5.53	7.09	5.08	5.26	5.28
Tennessee	NA	NA	8.10	NA	7.39	7.76	NA
Texas	NA	5.45	5.83	7.19	6.74	NA	NA
Utah	7.23	6.94	6.44	7.26	7.34	7.13	NA
Vermont	6.35	5.74	6.74	6.45	6.48	6.12	5.46
Virginia	8.21	8.23	8.28	8.81	8.10	7.90	NA
Washington	NA	8.45	6.70	9.02	8.61	NA	8.80
West Virginia	7.57	7.71	7.62	7.70	7.52	7.52	8.12
Wisconsin	6.11	5.75	6.45	6.34	6.49	5.57	NA
Wyoming	6.88	6.14	5.99	6.87	6.85	6.91	NA
Total	7.58	7.14	7.55	8.02	7.38	7.43	7.48

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						
	December	November	October	September	August	July	June
Alabama	11.32	12.17	12.39	12.38	12.91	12.89	12.79
Alaska	9.67	9.82	9.81	10.29	10.57	10.86	NA
Arizona	6.55	6.81	7.10	7.11	7.02	6.99	7.11
Arkansas	7.59	7.65	6.94	7.82	8.14	7.95	7.88
California	10.96	10.18	9.32	9.29	9.17	9.13	9.09
Colorado	6.26	6.59	7.18	7.82	9.24	9.78	8.61
Connecticut	8.63	NA	NA	11.44	11.30	10.72	12.17
Delaware	9.99	11.49	12.46	15.18	15.05	14.73	13.88
District of Columbia	10.53	11.95	11.56	12.26	11.91	13.40	12.22
Florida	12.06	11.81	11.74	NA	NA	11.32	11.15
Georgia	6.56	8.16	8.20	8.09	8.13	8.48	8.34
Hawaii	26.31	25.38	25.28	24.86	26.28	28.14	26.88
Idaho	5.51	5.65	5.53	5.77	6.15	6.37	5.91
Illinois	6.02	6.96	7.61	13.00	15.13	13.96	11.50
Indiana	6.04	7.34	6.87	8.64	11.35	11.67	11.73
Iowa	5.88	6.71	6.09	7.91	7.74	7.64	7.05
Kansas	7.19	8.00	8.20	12.64	13.46	12.89	11.83
Kentucky	7.58	9.01	9.21	12.42	12.83	12.81	12.54
Louisiana	9.11	9.75	8.63	NA	7.10	NA	6.88
Maine	11.18	11.42	NA	12.13	13.58	13.24	11.66
Maryland	10.44	12.46	12.74	13.17	14.01	12.28	11.85
Massachusetts	11.90	9.56	7.31	10.11	10.36	10.69	9.71
Michigan	6.75	7.06	7.28	8.56	9.66	9.60	9.20
Minnesota	6.67	6.80	5.89	7.42	6.80	7.94	NA
Mississippi	8.84	9.76	9.24	9.00	8.43	8.04	8.03
Missouri	6.92	7.50	8.71	9.77	NA	9.91	9.19
Montana	6.98	7.33	NA	8.77	9.67	8.98	8.15
Nebraska	6.23	5.59	6.00	5.94	5.47	5.27	5.09
Nevada	5.79	6.04	6.74	7.33	7.52	7.75	8.51
New Hampshire	12.04	12.25	14.82	16.72	18.08	16.51	12.65
New Jersey	9.12	9.98	9.53	9.91	9.90	9.96	7.81
New Mexico	5.74	5.38	6.17	5.51	6.07	5.05	4.44
New York	7.30	6.64	6.46	6.16	5.69	6.02	6.05
North Carolina	8.54	NA	10.39	8.96	8.95	10.73	NA
North Dakota	5.21	5.44	4.92	5.43	6.49	6.68	5.73
Ohio	5.42	5.65	6.21	7.65	7.56	7.25	NA
Oklahoma	6.54	7.32	11.47	13.33	15.50	12.15	11.47
Oregon	8.02	8.26	8.42	9.68	9.77	9.18	NA
Pennsylvania	8.47	8.29	9.76	9.85	12.65	12.05	NA
Rhode Island	12.30	13.23	16.57	18.52	19.35	17.93	14.92
South Carolina	8.61	9.72	8.70	8.55	8.30	7.80	7.83
South Dakota	5.12	5.35	5.66	5.96	7.31	7.31	6.17
Tennessee	7.15	8.12	8.44	8.45	9.19	8.49	7.83
Texas	6.87	7.69	7.16	8.09	7.92	7.22	NA
Utah	7.14	6.58	6.75	6.72	6.86	6.53	6.59
Vermont	6.14	5.79	4.67	5.55	4.32	4.15	4.76
Virginia	8.23	NA	8.05	8.92	8.64	8.81	9.33
Washington	8.99	8.75	8.59	9.71	9.33	9.90	8.84
West Virginia	7.49	7.79	8.76	9.87	10.81	10.73	9.84
Wisconsin	6.00	6.13	NA	5.96	6.28	5.91	6.18
Wyoming	6.53	6.42	7.16	7.83	NA	7.55	7.10
Total	7.42	7.66	7.62	8.47	8.51	8.50	8.19

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	
	May	April	March	February	January	Total	December
Alabama	12.58	12.45	11.80	11.77	11.99	11.87	11.82
Alaska	10.30	9.91	9.80	9.79	9.84	9.89	9.99
Arizona	7.98	7.37	6.81	6.69	6.63	7.29	6.73
Arkansas	7.19	7.10	7.24	7.33	7.53	7.68	6.90
California	9.62	9.58	9.64	10.09	10.47	9.41	10.01
Colorado	6.69	5.72	5.47	5.35	5.51	6.92	5.74
Connecticut	9.35	9.57	8.53	8.56	8.30	9.75	8.11
Delaware	11.97	NA	10.48	NA	9.87	10.04	10.05
District of Columbia	10.99	11.69	9.84	10.24	10.85	11.23	9.88
Florida	NA	10.92	NA	11.13	NA	11.46	11.29
Georgia	8.28	8.26	7.18	7.12	7.53	8.21	7.27
Hawaii	23.80	22.47	NA	31.23	30.57	30.26	28.35
Idaho	5.99	5.78	5.49	5.41	5.41	5.44	5.40
Illinois	8.34	6.71	6.09	5.58	5.61	7.02	5.74
Indiana	8.20	6.40	6.49	5.71	6.30	6.97	6.28
Iowa	6.93	5.24	5.31	4.94	5.23	6.03	4.99
Kansas	11.21	7.78	6.75	5.88	6.34	7.68	6.49
Kentucky	11.25	8.84	8.22	7.36	8.06	8.60	7.94
Louisiana	7.55	7.57	8.23	8.66	9.43	8.41	8.68
Maine	10.53	10.72	10.82	12.26	11.50	12.62	11.14
Maryland	11.74	9.74	10.43	9.46	10.06	10.14	9.60
Massachusetts	10.75	11.74	11.36	11.29	11.31	11.32	11.69
Michigan	7.77	7.15	6.46	6.18	6.22	6.81	6.49
Minnesota	6.70	5.77	5.86	NA	NA	6.63	6.24
Mississippi	8.17	NA	9.06	8.33	8.30	8.48	8.31
Missouri	7.93	7.07	6.77	6.64	6.76	7.67	6.88
Montana	6.95	6.44	6.48	6.40	6.45	6.89	6.53
Nebraska	4.61	4.73	4.98	5.08	5.37	5.83	5.32
Nevada	8.62	8.04	7.82	7.57	7.34	6.49	7.24
New Hampshire	9.55	10.12	9.88	10.56	10.95	12.48	11.02
New Jersey	8.30	7.98	8.67	8.43	8.62	9.05	8.74
New Mexico	3.76	3.61	3.97	NA	4.71	4.56	4.03
New York	6.13	6.83	7.45	7.45	7.58	7.21	6.98
North Carolina	9.65	9.84	9.67	8.27	8.35	8.76	8.68
North Dakota	5.17	4.84	5.08	5.21	5.31	5.67	5.29
Ohio	6.33	5.31	5.40	5.20	5.35	5.97	5.39
Oklahoma	8.94	6.86	5.47	5.11	5.28	7.28	5.45
Oregon	8.79	7.80	7.80	8.06	8.32	7.88	8.08
Pennsylvania	NA	8.64	NA	8.78	8.69	9.49	8.55
Rhode Island	12.41	11.67	11.23	11.18	10.84	12.87	10.79
South Carolina	8.49	9.33	8.71	8.10	8.51	8.58	8.76
South Dakota	5.52	5.01	5.24	4.98	4.89	5.50	5.01
Tennessee	NA	7.46	NA	7.27	7.67	8.10	7.55
Texas	7.07	6.02	5.63	5.20	5.55	6.18	5.94
Utah	6.60	NA	7.02	6.92	6.89	6.35	6.91
Vermont	5.73	5.28	5.70	5.77	5.73	6.01	5.79
Virginia	7.88	7.88	8.03	7.81	8.80	8.53	8.50
Washington	9.08	9.25	8.59	8.33	8.45	7.49	8.36
West Virginia	9.00	8.31	7.85	7.68	7.65	8.02	7.49
Wisconsin	4.96	5.06	5.66	5.82	5.74	6.14	5.96
Wyoming	6.70	6.44	6.18	6.08	6.17	6.30	6.21
Total	7.74	7.28	7.32	6.87	7.25	7.61	7.19

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						
	November	October	September	August	July	June	May
Alabama	11.78	12.66	12.77	12.78	12.69	12.28	12.08
Alaska	10.09	10.32	10.77	11.19	11.14	10.54	9.69
Arizona	6.90	7.18	7.27	7.41	7.35	7.53	7.54
Arkansas	6.75	8.35	8.80	9.34	9.08	9.04	8.53
California	8.79	8.73	8.69	8.89	8.88	8.32	8.42
Colorado	5.87	6.43	8.71	8.90	8.80	8.19	7.29
Connecticut	8.52	10.71	11.35	12.08	12.05	11.74	10.90
Delaware	10.51	12.22	12.69	12.42	12.72	11.32	11.03
District of Columbia	11.19	11.10	10.56	12.22	12.43	12.12	11.79
Florida	11.60	11.47	11.52	11.35	11.84	12.09	11.65
Georgia	7.60	8.53	8.50	8.60	8.82	8.57	8.56
Hawaii	32.09	31.07	30.33	28.26	28.65	29.61	33.98
Idaho	5.40	5.24	5.66	6.00	5.99	6.10	5.84
Illinois	5.64	7.44	12.89	12.77	12.82	11.57	9.24
Indiana	6.19	6.81	9.43	11.44	11.17	10.66	8.89
Iowa	5.34	5.36	7.25	7.50	7.01	7.14	7.09
Kansas	6.28	7.74	11.52	12.60	11.82	10.92	9.92
Kentucky	7.53	10.29	11.80	12.27	13.07	12.99	11.50
Louisiana	8.24	8.35	8.22	7.49	8.03	8.38	8.67
Maine	10.24	10.70	12.20	12.99	13.36	12.20	11.85
Maryland	9.22	10.40	12.43	11.96	11.49	12.46	10.87
Massachusetts	10.36	9.42	10.25	10.43	10.42	10.53	11.27
Michigan	6.49	6.93	9.08	9.57	9.54	8.35	7.55
Minnesota	5.88	5.38	6.87	7.42	7.98	7.51	6.66
Mississippi	8.13	8.76	7.74	7.73	7.85	8.16	8.71
Missouri	7.63	9.28	10.00	10.14	10.31	9.73	8.42
Montana	6.67	7.08	8.89	7.81	8.57	7.89	7.92
Nebraska	4.92	5.27	5.53	5.94	6.08	5.85	5.50
Nevada	7.50	7.72	8.08	8.19	7.66	6.90	6.68
New Hampshire	11.70	13.85	16.76	17.12	16.11	13.41	12.51
New Jersey	9.47	8.92	9.18	9.07	8.85	9.53	8.41
New Mexico	4.68	5.41	5.41	4.37	5.21	5.65	4.35
New York	6.61	6.72	6.02	6.01	6.18	6.59	7.12
North Carolina	7.85	9.08	9.32	8.53	10.11	9.14	9.48
North Dakota	5.26	5.30	6.27	7.02	7.10	6.35	5.55
Ohio	5.45	6.40	7.54	7.36	7.54	7.24	6.51
Oklahoma	7.33	13.77	15.07	16.33	14.74	13.08	10.99
Oregon	7.92	7.95	8.75	9.35	8.61	4.33	8.68
Pennsylvania	8.67	10.88	11.83	12.33	12.45	12.25	14.18
Rhode Island	13.11	17.15	18.39	19.19	18.65	15.56	13.46
South Carolina	7.92	8.73	7.55	8.16	9.09	8.52	8.38
South Dakota	5.14	5.41	7.20	7.18	6.75	6.00	5.49
Tennessee	7.07	8.59	9.11	9.02	8.40	9.00	9.13
Texas	5.84	7.51	7.39	7.23	6.93	6.50	6.38
Utah	6.00	5.91	6.51	6.61	6.28	5.72	5.76
Vermont	5.68	4.69	4.81	4.71	4.72	5.39	6.24
Virginia	7.89	9.12	9.18	9.88	9.05	10.34	8.23
Washington	8.35	7.26	8.25	8.60	8.43	8.19	7.58
West Virginia	7.62	8.76	10.32	10.21	10.17	10.55	9.68
Wisconsin	5.94	5.56	6.29	6.00	6.41	5.81	5.32
Wyoming	6.22	6.89	7.94	7.95	7.51	6.64	6.27
Total	6.98	7.64	8.34	8.42	8.47	8.23	8.06

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			
	April	March	February	January
Alabama	11.82	11.54	11.47	11.42
Alaska	9.56	9.53	9.41	9.39
Arizona	7.43	7.35	7.45	7.44
Arkansas	7.66	7.47	7.48	7.74
California	9.51	10.49	9.89	10.40
Colorado	7.24	7.23	7.17	6.88
Connecticut	10.47	9.44	9.35	9.10
Delaware	9.60	9.53	9.14	9.05
District of Columbia	11.83	11.02	11.14	11.52
Florida	11.69	11.20	11.27	10.98
Georgia	8.12	7.77	7.90	9.29
Hawaii	34.52	30.85	29.48	26.56
Idaho	5.63	5.30	5.30	5.32
Illinois	7.53	6.38	6.63	6.36
Indiana	7.83	6.41	6.44	6.48
Iowa	6.21	6.38	6.03	6.45
Kansas	11.75	6.92	6.86	7.41
Kentucky	9.44	7.53	7.86	7.70
Louisiana	8.35	8.38	8.16	9.32
Maine	13.05	13.21	13.86	13.70
Maryland	12.00	9.47	10.47	9.18
Massachusetts	11.62	11.65	11.46	11.80
Michigan	7.01	6.58	6.51	6.41
Minnesota	6.51	6.54	7.11	7.16
Mississippi	8.46	8.51	8.72	9.08
Missouri	7.51	7.19	7.04	7.42
Montana	6.92	6.48	6.51	6.72
Nebraska	5.72	5.64	6.10	6.90
Nevada	6.19	5.36	5.24	5.38
New Hampshire	11.75	11.77	12.56	13.03
New Jersey	7.86	8.99	9.13	9.73
New Mexico	3.51	4.79	4.59	4.69
New York	7.17	7.45	7.88	8.44
North Carolina	9.28	7.77	9.46	8.77
North Dakota	5.41	5.46	5.70	6.15
Ohio	6.12	5.59	5.70	6.00
Oklahoma	8.49	6.04	5.92	5.30
Oregon	8.24	7.71	7.39	7.94
Pennsylvania	9.78	9.16	9.02	8.56
Rhode Island	12.44	12.21	12.13	12.30
South Carolina	8.64	8.40	9.05	9.10
South Dakota	5.27	5.24	5.48	5.86
Tennessee	8.09	7.68	8.29	8.26
Texas	5.74	5.68	5.87	5.92
Utah	6.28	6.42	6.50	6.41
Vermont	6.68	6.57	6.65	6.98
Virginia	8.95	8.03	8.51	8.29
Washington	7.35	6.75	6.62	6.74
West Virginia	8.30	7.65	7.67	7.55
Wisconsin	5.82	6.36	6.44	6.52
Wyoming	6.04	5.85	6.09	6.04
Total	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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Alabama	4.59	3.71	4.50	4.11	5.48	4.23	3.48
Alaska	5.63	6.02	6.13	5.32	5.88	5.78	NA
Arizona	NA	3.36	4.95	5.85	NA	4.70	3.98
Arkansas	6.90	6.20	6.43	6.66	7.03	6.99	NA
California	9.93	8.37	8.89	9.87	9.63	10.33	7.64
Colorado	4.87	4.09	5.84	4.98	4.95	4.70	4.94
Connecticut	6.93	6.09	7.33	6.95	7.06	6.78	NA
Delaware	10.38	10.00	9.26	9.68	10.86	10.48	NA
District of Columbia	--	--	--	--	--	--	--
Florida	5.78	NA	6.91	5.78	5.51	6.02	NA
Georgia	4.59	3.62	4.90	4.70	4.73	4.35	NA
Hawaii	25.19	23.71	20.55	26.57	23.93	24.51	20.54
Idaho	3.72	3.62	3.61	3.76	3.71	3.68	3.65
Illinois	NA	4.29	5.50	NA	4.33	4.69	NA
Indiana	6.10	5.04	5.79	5.91	6.87	5.37	5.40
Iowa	NA	4.17	5.52	6.45	NA	4.80	4.31
Kansas	NA	NA	6.97	6.83	NA	5.44	NA
Kentucky	4.40	3.57	4.75	4.65	4.38	4.20	3.43
Louisiana	3.38	2.83	4.41	3.76	2.97	3.59	NA
Maine	9.10	8.79	10.97	9.06	9.07	9.21	7.86
Maryland	7.87	9.26	10.15	10.16	7.58	6.83	NA
Massachusetts	10.34	10.14	10.89	10.28	10.27	10.47	NA
Michigan	NA	5.67	5.89	NA	5.96	6.05	NA
Minnesota	4.53	NA	5.12	5.35	4.45	4.05	NA
Mississippi	4.99	4.01	5.64	4.92	5.05	5.02	4.00
Missouri	5.93	6.15	6.76	6.07	5.89	5.86	5.71
Montana	6.23	5.75	6.04	6.48	6.32	5.82	5.93
Nebraska	4.26	4.06	4.93	4.39	4.07	4.34	3.70
Nevada	4.80	6.66	4.43	4.79	4.79	4.81	6.06
New Hampshire	9.11	9.06	10.60	8.72	9.02	9.61	8.31
New Jersey	7.31	NA	8.48	7.84	6.58	7.68	NA
New Mexico	4.70	NA	4.47	4.64	4.62	4.84	NA
New York	7.82	8.19	8.81	8.12	7.68	7.70	NA
North Carolina	6.15	5.26	6.55	6.26	6.19	6.03	5.14
North Dakota	5.69	NA	3.89	2.88	12.56	2.57	NA
Ohio	6.12	NA	6.14	6.50	5.94	5.98	NA
Oklahoma	NA	1.91	3.31	NA	3.42	3.16	NA
Oregon	NA	5.02	4.69	NA	3.88	4.86	NA
Pennsylvania	8.10	7.94	9.37	7.98	8.31	7.99	7.91
Rhode Island	9.27	8.63	9.64	9.34	9.25	9.23	NA
South Carolina	5.07	3.99	5.42	4.75	5.46	5.09	3.91
South Dakota	NA	4.05	4.97	5.01	NA	4.27	4.40
Tennessee	4.73	NA	5.59	4.84	4.76	4.59	NA
Texas	5.94	2.14	3.42	3.04	15.72	2.75	2.29
Utah	5.71	NA	5.51	5.71	5.64	5.77	NA
Vermont	4.19	3.76	4.58	4.30	4.23	4.05	3.73
Virginia	4.31	NA	4.59	4.48	4.32	4.14	NA
Washington	NA	NA	6.35	9.18	8.28	NA	NA
West Virginia	3.16	NA	3.73	3.27	3.45	2.75	NA
Wisconsin	5.23	4.72	5.56	5.45	5.31	4.99	4.38
Wyoming	NA	NA	4.07	4.82	4.57	NA	NA
Total	5.74	3.52	4.66	4.37	9.43	4.04	3.29

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						
	December	November	October	September	August	July	June
Alabama	4.16	4.04	3.43	3.44	3.23	2.83	2.93
Alaska	6.07	5.96	5.83	3.23	3.50	NA	5.44
Arizona	4.56	4.78	4.43	4.53	3.65	4.09	4.48
Arkansas	6.98	6.56	5.71	NA	6.43	5.89	5.50
California	8.98	7.96	7.19	6.99	6.76	6.77	6.86
Colorado	5.07	5.12	6.07	5.80	6.40	6.61	7.33
Connecticut	6.61	NA	6.24	6.48	6.03	5.77	6.24
Delaware	NA	10.68	10.95	11.78	10.12	11.81	11.51
District of Columbia	--	--	--	--	--	--	--
Florida	6.20	5.39	NA	NA	NA	5.65	5.27
Georgia	4.71	4.26	3.87	4.05	NA	2.67	3.20
Hawaii	20.37	19.44	18.80	20.28	20.67	20.27	18.43
Idaho	3.70	3.70	3.73	3.58	3.58	3.58	3.77
Illinois	4.73	4.88	5.23	NA	NA	3.23	NA
Indiana	5.31	5.90	5.04	5.92	6.37	6.72	6.91
Iowa	4.96	5.44	4.39	4.72	4.00	3.49	3.46
Kansas	5.63	4.52	3.76	3.40	3.41	2.89	3.09
Kentucky	4.32	4.03	3.06	3.44	2.89	2.64	2.84
Louisiana	3.86	2.83	NA	NA	NA	2.33	2.24
Maine	9.93	9.72	6.08	5.95	4.65	4.59	6.02
Maryland	NA	8.64	8.82	10.30	8.98	6.74	7.34
Massachusetts	10.45	NA	6.01	7.15	6.15	7.44	7.30
Michigan	5.93	NA	6.37	5.94	6.88	6.26	6.79
Minnesota	4.48	4.60	3.36	3.69	NA	3.50	3.73
Mississippi	5.02	4.81	3.94	3.66	3.60	3.54	3.45
Missouri	5.74	5.64	5.49	5.15	4.90	4.96	5.14
Montana	6.02	6.18	5.96	5.91	6.43	6.70	5.73
Nebraska	4.73	3.51	3.67	3.34	3.16	3.22	3.20
Nevada	4.95	5.04	5.46	5.86	5.86	6.14	6.38
New Hampshire	9.88	8.84	7.37	7.18	7.00	6.14	5.58
New Jersey	7.74	7.38	NA	NA	6.95	NA	6.12
New Mexico	4.45	4.03	4.02	2.56	2.88	2.55	1.96
New York	7.99	7.36	NA	NA	6.16	6.25	6.09
North Carolina	5.60	5.18	4.84	4.88	4.84	4.94	5.07
North Dakota	2.63	2.93	2.10	2.05	1.73	1.66	1.75
Ohio	6.49	NA	6.33	5.79	5.67	5.11	5.53
Oklahoma	3.37	3.45	2.42	2.76	2.18	NA	2.01
Oregon	4.89	4.73	5.31	5.13	4.84	4.59	NA
Pennsylvania	7.84	7.76	8.24	8.60	7.95	8.05	8.16
Rhode Island	8.90	9.29	9.70	10.06	NA	9.17	9.09
South Carolina	4.76	4.73	3.93	4.14	3.40	3.44	3.23
South Dakota	4.67	4.99	5.35	5.66	5.51	5.34	4.73
Tennessee	4.54	4.29	3.63	3.64	3.17	3.19	3.31
Texas	3.00	3.09	2.46	2.61	2.15	1.72	1.87
Utah	5.71	5.32	4.91	4.90	4.76	4.92	4.73
Vermont	4.11	4.18	3.63	3.94	3.52	3.34	3.47
Virginia	4.43	3.87	3.68	3.91	3.46	3.57	3.72
Washington	7.48	7.62	NA	NA	7.60	7.63	7.52
West Virginia	2.65	2.54	2.29	2.16	2.09	1.73	2.07
Wisconsin	4.90	4.91	3.74	3.78	4.30	2.73	3.91
Wyoming	4.23	4.58	4.08	4.31	4.48	3.91	3.90
Total	4.07	3.93	3.25	3.16	2.92	2.55	2.72

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	
	May	April	March	February	January	Total	December
Alabama	3.07	3.03	3.56	3.73	3.83	3.95	4.07
Alaska	4.74	5.54	6.25	6.04	5.72	5.85	5.73
Arizona	3.80	3.77	3.03	3.50	3.53	4.12	3.64
Arkansas	5.12	5.58	6.00	6.13	6.46	6.25	5.75
California	6.69	7.26	7.77	8.35	9.02	7.69	8.58
Colorado	4.45	4.29	4.27	4.08	3.98	5.36	4.32
Connecticut	5.43	6.35	6.14	6.09	6.05	6.82	6.14
Delaware	11.77	10.66	10.45	9.88	9.74	9.67	9.93
District of Columbia	--	--	--	--	--	--	--
Florida	NA	5.46	NA	5.91	NA	6.16	5.95
Georgia	NA	3.25	3.41	3.58	3.85	4.23	4.03
Hawaii	16.78	18.52	21.57	24.91	25.02	22.93	23.54
Idaho	3.65	3.69	3.65	3.52	3.67	3.60	3.61
Illinois	4.44	4.82	4.18	4.31	4.36	5.25	4.13
Indiana	5.94	4.80	5.09	5.00	5.05	5.76	5.35
Iowa	3.95	3.76	3.99	3.95	4.59	4.93	4.84
Kansas	3.08	3.73	4.60	4.99	NA	3.97	4.95
Kentucky	3.36	3.25	3.30	3.63	3.74	4.06	3.89
Louisiana	2.18	2.42	2.55	2.82	3.07	3.36	3.19
Maine	5.64	9.45	8.72	8.87	8.79	8.67	8.81
Maryland	7.88	7.73	9.12	8.55	10.11	10.07	10.42
Massachusetts	9.67	10.41	10.10	10.05	10.26	9.92	10.04
Michigan	6.08	6.17	5.74	5.65	5.64	6.01	5.91
Minnesota	3.87	3.54	3.91	NA	NA	4.44	4.61
Mississippi	3.75	3.85	3.98	3.90	4.15	4.70	4.77
Missouri	5.14	5.82	5.96	6.11	6.37	6.20	5.94
Montana	6.06	5.97	5.66	5.93	5.67	5.85	5.84
Nebraska	3.12	3.52	3.71	4.12	4.31	4.27	4.33
Nevada	6.75	6.67	6.84	6.65	6.50	5.81	6.23
New Hampshire	6.35	7.85	8.25	9.26	9.62	9.45	13.88
New Jersey	6.36	6.06	6.94	NA	NA	7.63	6.99
New Mexico	NA	2.08	3.22	NA	3.99	3.48	3.64
New York	6.45	7.41	8.22	7.94	8.45	7.70	7.46
North Carolina	4.88	5.08	5.17	5.29	5.30	5.78	5.36
North Dakota	1.93	1.66	1.91	2.19	NA	2.82	3.04
Ohio	5.30	5.00	NA	5.07	5.62	6.21	5.85
Oklahoma	1.97	1.43	1.78	1.98	1.98	2.50	2.32
Oregon	4.82	4.72	4.94	5.04	5.07	4.62	4.88
Pennsylvania	7.63	7.67	7.86	7.99	7.95	8.52	8.55
Rhode Island	9.50	9.38	9.15	8.88	8.14	9.70	8.17
South Carolina	3.46	3.56	3.75	4.03	4.19	4.67	4.42
South Dakota	4.38	3.88	3.93	3.99	4.17	4.78	4.18
Tennessee	NA	3.77	NA	4.37	4.60	4.68	4.89
Texas	1.97	1.84	2.02	2.08	2.30	2.88	2.54
Utah	4.68	4.91	NA	5.38	5.63	5.00	5.68
Vermont	3.66	3.48	3.73	3.73	3.81	4.13	4.03
Virginia	NA	3.59	3.54	NA	NA	4.66	8.79
Washington	8.06	8.15	NA	NA	8.01	6.86	8.44
West Virginia	2.33	NA	2.52	2.68	NA	3.04	2.99
Wisconsin	3.67	4.27	4.88	4.75	4.59	5.06	5.06
Wyoming	4.36	4.28	NA	4.67	3.99	3.91	3.78
Total	2.86	2.96	3.34	3.54	3.66	3.90	3.88

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						
	November	October	September	August	July	June	May
Alabama	3.96	3.63	3.63	3.39	3.49	3.66	3.71
Alaska	5.98	6.00	6.05	5.36	5.47	5.42	5.66
Arizona	3.58	3.93	3.73	3.52	5.11	3.30	3.32
Arkansas	5.63	6.83	6.11	6.63	6.68	6.36	5.98
California	7.16	6.97	6.78	6.97	6.96	6.60	6.81
Colorado	4.31	5.20	5.73	5.78	5.81	5.86	5.69
Connecticut	5.88	6.01	6.14	6.67	6.66	7.34	7.34
Delaware	10.60	9.88	9.14	10.30	8.19	10.69	12.50
District of Columbia	--	--	--	--	--	--	--
Florida	5.80	5.65	6.49	5.88	5.89	5.71	5.64
Georgia	4.05	3.91	3.74	3.72	3.86	4.02	4.06
Hawaii	36.52	23.56	21.06	20.85	16.86	23.52	23.62
Idaho	3.48	3.55	3.59	3.69	3.63	3.64	3.62
Illinois	4.08	4.98	5.72	5.88	12.44	7.03	4.37
Indiana	5.12	4.78	6.10	6.77	7.11	6.82	6.21
Iowa	4.73	4.69	4.61	4.11	4.35	4.75	4.74
Kansas	4.43	4.17	3.55	3.49	3.44	4.10	4.67
Kentucky	4.00	3.57	3.27	3.46	3.63	3.93	3.95
Louisiana	3.06	2.86	2.65	2.79	3.11	3.14	3.22
Maine	8.51	5.70	5.68	5.75	5.74	6.71	6.95
Maryland	8.87	10.08	10.84	10.27	7.14	11.12	9.82
Massachusetts	8.95	7.58	7.67	8.76	8.39	8.82	9.79
Michigan	5.81	6.02	6.79	6.96	6.89	6.39	6.41
Minnesota	4.79	3.32	3.69	3.79	3.63	4.14	4.21
Mississippi	4.47	4.20	3.96	4.03	4.10	4.32	3.85
Missouri	5.83	5.58	5.35	5.55	5.57	5.78	5.83
Montana	5.82	5.58	5.54	5.04	5.64	5.74	5.68
Nebraska	3.82	3.70	3.69	3.79	4.03	3.81	3.95
Nevada	7.90	7.34	6.72	6.84	6.40	5.98	5.58
New Hampshire	8.36	6.57	6.47	6.73	6.47	6.52	8.03
New Jersey	7.88	6.67	6.06	5.90	7.09	6.62	6.49
New Mexico	3.96	3.69	3.62	3.45	3.20	2.61	2.13
New York	7.06	6.04	6.14	5.92	6.69	6.54	7.34
North Carolina	5.16	5.13	5.19	5.32	5.48	5.58	5.56
North Dakota	2.96	2.82	2.07	2.11	2.19	2.30	2.36
Ohio	6.15	9.49	5.19	4.83	5.73	5.85	6.13
Oklahoma	2.52	2.08	1.99	1.90	2.27	2.12	2.19
Oregon	4.86	4.49	4.48	4.43	4.19	4.62	4.94
Pennsylvania	6.00	6.34	10.28	11.66	9.28	9.31	9.51
Rhode Island	9.34	9.73	9.70	10.28	10.44	10.13	10.17
South Carolina	5.22	3.04	5.19	3.85	4.14	4.35	4.26
South Dakota	4.07	9.65	6.21	5.39	4.82	4.55	4.52
Tennessee	4.59	3.93	3.74	3.66	3.97	4.20	4.37
Texas	2.78	2.56	2.55	2.40	2.61	2.84	2.85
Utah	4.92	4.55	4.48	4.51	4.55	4.45	4.43
Vermont	3.99	3.60	3.82	3.72	3.83	4.02	4.03
Virginia	3.80	3.60	3.91	8.09	4.07	4.47	3.93
Washington	7.98	4.17	7.19	7.32	7.49	7.76	7.02
West Virginia	3.09	2.47	2.49	2.46	2.61	2.96	2.91
Wisconsin	5.20	4.66	4.61	4.46	3.94	4.27	4.36
Wyoming	3.87	4.21	4.13	3.97	3.36	3.75	3.85
Total	3.86	3.42	3.34	3.20	3.34	3.54	3.64

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			
	April	March	February	January
Alabama	3.99	4.25	4.45	4.79
Alaska	5.68	6.11	6.19	6.10
Arizona	4.61	4.82	5.02	4.97
Arkansas	6.04	6.34	6.39	6.57
California	7.86	9.01	8.61	9.12
Colorado	5.43	5.73	6.04	5.75
Connecticut	7.42	7.54	7.24	7.22
Delaware	10.22	9.10	9.21	9.46
District of Columbia	--	--	--	--
Florida	5.92	6.49	6.61	7.62
Georgia	4.43	4.51	4.81	5.36
Hawaii	22.48	21.11	20.77	19.84
Idaho	3.61	3.64	3.62	3.58
Illinois	6.09	6.00	5.29	5.35
Indiana	5.90	5.73	5.71	5.92
Iowa	4.94	5.57	5.36	5.66
Kansas	5.38	6.30	7.00	7.56
Kentucky	4.11	3.89	5.37	5.26
Louisiana	3.45	3.63	4.33	5.12
Maine	10.69	10.89	11.02	11.00
Maryland	11.75	9.88	11.34	9.72
Massachusetts	11.05	10.67	10.90	11.10
Michigan	6.13	5.82	5.99	5.88
Minnesota	4.18	4.59	5.19	5.51
Mississippi	5.31	4.95	5.65	6.22
Missouri	6.36	6.61	6.62	7.05
Montana	6.08	5.91	6.12	6.14
Nebraska	4.49	4.21	4.89	5.75
Nevada	5.17	4.65	4.32	4.37
New Hampshire	9.25	9.34	11.19	11.49
New Jersey	6.88	7.85	8.34	9.33
New Mexico	2.93	4.08	4.66	4.76
New York	7.85	8.28	8.95	9.15
North Carolina	5.65	5.79	6.86	6.99
North Dakota	2.72	3.38	3.78	4.47
Ohio	5.95	6.07	6.32	6.02
Oklahoma	2.24	2.87	3.26	3.80
Oregon	4.30	4.62	4.77	4.67
Pennsylvania	9.62	9.31	9.18	9.59
Rhode Island	10.02	9.62	9.59	9.70
South Carolina	4.93	5.04	5.21	6.02
South Dakota	4.20	5.14	4.66	5.13
Tennessee	4.80	5.26	5.55	5.92
Texas	2.95	3.05	3.27	3.92
Utah	5.08	5.54	5.42	5.57
Vermont	4.32	4.43	4.48	4.80
Virginia	4.22	4.33	4.27	5.12
Washington	6.91	6.84	6.70	5.46
West Virginia	3.20	3.53	3.53	4.07
Wisconsin	4.73	5.58	5.37	5.74
Wyoming	3.63	3.83	4.22	4.14
Total	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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Alabama	W	W	W	W	W	W	W
Alaska	7.14	7.87	7.72	6.00	7.54	7.82	7.85
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	4.52	3.02	W	3.94	5.75	3.99	3.38
Colorado	W	W	W	W	W	W	W
Connecticut	4.94	3.13	5.58	3.84	6.38	4.73	2.42
Delaware	--	W	--	--	--	--	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	2.40
Hawaii	--	--	--	--	--	--	--
Idaho	3.39	2.26	13.22	2.81	4.62	2.77	2.75
Illinois	W	W	W	W	W	W	1.97
Indiana	W	W	W	W	8.16	W	2.16
Iowa	5.31	2.15	4.30	2.60	11.31	2.40	2.10
Kansas	30.02	2.44	4.51	10.69	64.02	3.69	2.64
Kentucky	W	W	W	3.28	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	--	W	W	--	--	--	W
Maryland	4.12	2.59	4.09	3.10	5.99	3.50	2.42
Massachusetts	W	W	W	W	7.63	6.67	3.41
Michigan	W	2.11	3.33	3.10	W	2.90	2.16
Minnesota	W	W	W	W	W	3.86	2.84
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	3.10	1.51	2.49	2.56	4.06	2.42	1.80
Nebraska	30.26	5.05	3.96	5.26	55.68	4.76	3.40
Nevada	3.93	2.95	4.67	3.62	4.51	3.74	2.76
New Hampshire	W	W	W	W	W	W	W
New Jersey	3.68	2.38	4.10	2.48	5.29	3.08	1.83
New Mexico	10.01	1.10	2.18	3.38	24.82	3.25	1.65
New York	4.06	2.68	4.74	3.14	5.46	3.59	2.17
North Carolina	W	W	W	W	W	W	W
North Dakota	4.66	2.90	5.16	2.97	8.40	3.05	2.70
Ohio	3.15	1.92	3.14	2.66	4.17	2.70	1.96
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	2.97	1.89	3.19	2.44	3.89	2.60	1.68
Rhode Island	W	W	W	W	W	W	W
South Carolina	4.03	2.81	3.74	4.15	4.48	3.56	2.78
South Dakota	--	--	--	--	--	--	--
Tennessee	3.17	2.45	3.23	3.05	3.79	2.78	2.37
Texas	22.64	1.86	2.97	2.92	56.54	2.79	2.11
Utah	4.03	2.81	4.71	3.51	4.91	3.74	2.63
Vermont	--	--	--	--	--	--	--
Virginia	3.78	3.25	W	3.30	4.54	3.64	2.49
Washington	W	W	W	W	W	W	W
West Virginia	W	W	3.55	W	W	W	W
Wisconsin	W	W	3.60	W	W	W	W
Wyoming	W	W	W	W	52.15	W	2.33
Total	7.61	2.49	3.85	3.41	16.29	3.33	2.48

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						
	December	November	October	September	August	July	June
Alabama	W	W	W	W	W	W	W
Alaska	7.82	7.82	7.82	7.82	7.82	7.86	7.86
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	4.14	4.14	3.73	3.92	W	2.50	W
Colorado	W	W	W	W	W	W	W
Connecticut	4.31	2.76	2.09	1.76	1.88	1.81	1.71
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	W	2.44	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	3.43	3.58	3.87	2.70	2.37	1.91	2.93
Illinois	W	W	W	W	W	1.89	W
Indiana	2.73	2.53	2.25	2.12	2.36	W	1.84
Iowa	2.55	2.61	2.37	2.15	2.15	1.87	1.86
Kansas	3.45	3.34	2.50	2.71	2.74	2.52	2.42
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	--	--	W	W	W	W	W
Maryland	3.75	W	2.13	W	2.49	2.17	2.04
Massachusetts	W	W	2.29	1.84	2.15	2.88	W
Michigan	2.76	2.66	2.16	2.10	2.37	1.99	1.86
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	2.27	2.34	1.82	1.92	2.08	1.64	1.56
Nebraska	5.45	5.11	3.29	2.97	2.86	2.44	2.32
Nevada	3.66	3.78	2.74	3.11	2.56	2.16	2.20
New Hampshire	W	W	W	W	W	W	W
New Jersey	2.84	1.51	1.39	1.42	1.54	1.72	1.62
New Mexico	3.13	2.50	1.65	1.76	1.64	1.65	1.78
New York	3.65	2.52	1.81	1.76	1.85	1.82	1.70
North Carolina	W	W	W	W	W	W	W
North Dakota	3.49	2.77	2.41	2.75	2.99	2.57	1.85
Ohio	2.63	2.25	1.95	1.93	1.97	1.75	1.67
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	2.34	1.63	1.35	1.34	1.53	1.65	1.53
Rhode Island	W	W	W	W	W	W	W
South Carolina	3.43	3.17	2.97	2.71	2.83	2.45	2.39
South Dakota	--	--	--	--	--	--	--
Tennessee	2.27	2.80	2.55	2.48	2.36	2.05	2.10
Texas	2.82	2.76	2.36	2.19	2.31	1.91	1.77
Utah	3.55	3.70	2.77	2.88	2.22	1.93	2.01
Vermont	--	--	--	--	--	--	--
Virginia	3.34	2.63	1.97	1.96	2.12	2.02	2.09
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	W	W	W	W	1.77
Total	3.30	3.08	2.57	2.49	2.47	2.10	2.08

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	
	May	April	March	February	January	Total	December
Alabama	W	W	W	W	W	W	W
Alaska	7.86	7.86	7.87	7.87	7.87	7.84	7.87
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	W	2.40	2.58	2.92	3.56	3.87	4.00
Colorado	W	W	W	W	W	W	W
Connecticut	1.78	1.81	2.40	2.89	3.97	3.48	4.93
Delaware	--	--	--	W	--	W	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	5.03	--	2.40	1.93	2.44	4.22	3.65
Illinois	W	W	W	W	W	W	W
Indiana	1.93	1.92	1.93	W	2.32	2.72	2.40
Iowa	1.87	1.86	1.81	2.11	2.37	2.71	2.50
Kansas	3.00	2.33	2.06	2.85	2.71	2.86	4.60
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	W	--	--	--	W	W	--
Maryland	2.25	W	2.41	2.52	2.96	3.21	3.45
Massachusetts	W	W	W	W	6.00	4.73	6.07
Michigan	2.06	1.96	1.93	2.10	2.25	2.74	2.49
Minnesota	W	W	W	W	2.59	W	2.98
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	1.65	1.65	1.01	1.54	1.99	1.65	2.28
Nebraska	3.66	3.23	3.80	5.53	5.78	3.12	4.33
Nevada	2.33	2.18	2.35	2.68	3.76	3.20	4.17
New Hampshire	W	W	--	W	W	W	W
New Jersey	1.57	1.69	2.19	2.34	2.58	2.91	2.66
New Mexico	1.81	0.78	0.90	1.04	1.36	1.30	1.83
New York	1.72	1.71	2.19	2.70	3.09	3.03	3.28
North Carolina	W	W	W	W	W	W	W
North Dakota	2.79	2.06	2.73	2.37	3.54	3.50	2.76
Ohio	1.79	1.78	1.79	1.89	2.07	2.56	2.34
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	1.53	1.60	1.64	1.92	2.09	2.42	2.36
Rhode Island	W	W	W	W	W	W	W
South Carolina	2.62	2.70	2.72	2.75	2.95	3.25	3.25
South Dakota	--	--	--	--	--	W	--
Tennessee	2.41	2.31	2.58	2.31	2.50	2.86	2.76
Texas	1.95	1.81	1.76	1.87	1.96	2.44	2.17
Utah	2.12	1.96	2.09	2.48	3.61	3.20	3.94
Vermont	--	--	--	--	--	W	--
Virginia	2.08	2.13	2.30	3.92	3.53	3.33	3.70
Washington	W	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W	2.44
Wisconsin	W	W	W	W	W	W	W
Wyoming	W	W	W	W	W	W	W
Total	2.25	2.20	2.23	2.50	2.74	2.99	3.05

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						
	November	October	September	August	July	June	May
Alabama	W	W	W	W	W	W	W
Alaska	7.87	7.87	7.87	7.87	7.87	7.87	7.87
Arizona	W	W	W	W	W	W	W
Arkansas	2.74	W	W	W	W	W	W
California	3.55	3.24	3.49	3.24	3.38	3.04	2.88
Colorado	W	W	W	W	W	W	W
Connecticut	3.63	2.13	2.28	2.30	2.47	2.37	2.53
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	3.20	3.70	2.53	2.09	2.22	2.37	24.46
Illinois	W	W	W	W	W	2.47	2.54
Indiana	2.75	2.19	2.56	2.49	2.49	2.62	2.80
Iowa	2.72	2.20	2.21	2.15	2.26	2.23	2.47
Kansas	3.14	2.05	2.50	2.29	2.48	2.23	2.46
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	--	W	W	W	W	W	--
Maryland	3.42	2.41	2.90	2.60	2.72	2.79	3.02
Massachusetts	W	2.41	2.94	2.93	3.30	3.11	W
Michigan	2.87	2.23	2.63	2.38	2.55	2.56	2.75
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	2.63	W	W	W	W	W	W
Montana	2.12	1.95	0.67	0.84	1.17	0.77	1.60
Nebraska	3.88	3.21	2.83	2.60	2.81	2.70	2.86
Nevada	3.14	2.61	2.40	2.60	2.54	2.47	2.67
New Hampshire	W	W	W	W	W	W	W
New Jersey	2.75	2.41	2.46	2.50	2.58	2.48	2.61
New Mexico	1.78	1.60	1.91	1.16	0.85	0.47	0.49
New York	3.09	2.03	2.19	2.21	2.39	2.53	2.58
North Carolina	W	W	W	W	W	W	W
North Dakota	3.13	3.28	3.45	2.24	3.39	3.28	3.70
Ohio	2.59	1.97	2.27	2.19	2.33	2.37	2.55
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	2.46	1.68	1.87	2.00	2.26	2.27	2.41
Rhode Island	W	W	W	W	W	W	W
South Carolina	3.27	2.97	3.17	2.93	2.95	3.08	3.25
South Dakota	--	--	--	--	--	--	--
Tennessee	2.77	2.78	2.66	2.53	2.63	2.79	2.82
Texas	2.53	2.34	2.40	2.11	2.21	2.22	2.43
Utah	2.94	2.55	2.32	2.41	2.33	2.34	2.34
Vermont	--	--	--	--	--	--	--
Virginia	3.27	2.39	2.64	2.50	2.73	2.83	3.27
Washington	W	W	W	W	W	W	W
West Virginia	2.55	W	W	W	W	W	W
Wisconsin	W	W	W	W	W	2.45	2.63
Wyoming	W	W	W	W	2.15	2.17	W
Total	3.08	2.58	2.68	2.50	2.62	2.67	2.85

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			
	April	March	February	January
Alabama	W	W	W	W
Alaska	7.87	7.72	7.72	7.72
Arizona	W	W	W	W
Arkansas	W	W	W	W
California	3.28	4.53	W	W
Colorado	W	W	W	W
Connecticut	2.78	4.10	5.34	7.12
Delaware	--	--	--	--
District of Columbia	--	--	--	--
Florida	W	W	W	W
Georgia	W	W	W	W
Hawaii	--	--	--	--
Idaho	--	40.19	8.54	3.48
Illinois	2.65	W	W	3.92
Indiana	2.79	W	W	3.44
Iowa	2.55	2.75	7.22	3.12
Kansas	2.68	5.76	3.93	4.00
Kentucky	W	W	W	W
Louisiana	W	W	W	W
Maine	W	W	W	--
Maryland	3.12	3.50	3.71	5.34
Massachusetts	4.71	5.22	W	W
Michigan	2.83	3.33	3.08	3.53
Minnesota	W	W	W	W
Mississippi	W	W	W	W
Missouri	W	W	W	W
Montana	0.87	2.98	2.77	1.79
Nebraska	3.64	4.02	3.83	4.01
Nevada	3.02	4.36	5.13	4.53
New Hampshire	W	W	W	W
New Jersey	2.60	3.71	3.99	4.58
New Mexico	0.51	1.47	2.28	2.72
New York	2.76	3.90	4.45	5.75
North Carolina	W	W	W	W
North Dakota	2.68	4.39	4.77	6.16
Ohio	2.68	3.09	2.92	3.40
Oklahoma	W	W	W	W
Oregon	W	W	W	W
Pennsylvania	2.50	2.88	3.01	3.66
Rhode Island	W	W	W	W
South Carolina	3.45	3.55	3.45	4.20
South Dakota	--	--	--	--
Tennessee	3.31	3.11	3.09	3.50
Texas	2.48	2.83	2.82	3.21
Utah	3.12	4.22	5.49	4.49
Vermont	--	--	--	--
Virginia	3.49	3.87	W	W
Washington	W	W	W	W
West Virginia	W	3.58	3.30	3.66
Wisconsin	2.82	3.45	3.64	3.72
Wyoming	W	W	3.10	W
Total	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.

-- 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 3-Month YTD			2020 3-Month YTD			2019 3-Month YTD		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	84.3	25.8	100.0	83.1	24.3	100.0	82.0	24.0
Alaska	100.0	99.7	36.7	100.0	99.6	43.7	100.0	99.3	37.2
Arizona	100.0	76.3	NA	100.0	75.6	20.8	100.0	83.9	15.7
Arkansas	100.0	52.4	1.9	100.0	48.4	1.8	100.0	51.1	2.0
California	95.7	56.7	5.3	95.4	54.4	4.8	95.1	54.4	4.9
Colorado	100.0	95.0	11.3	100.0	94.8	9.9	100.0	95.0	9.3
Connecticut	96.8	79.4	52.2	96.6	79.3	50.9	96.7	79.6	52.9
Delaware	100.0	42.6	0.3	NA	NA	0.4	100.0	44.0	0.4
District of Columbia	74.8	22.7	0.0	75.2	21.5	0.0	76.7	22.9	--
Florida	92.7	NA	3.7	NA	NA	NA	91.2	30.7	3.7
Georgia	100.0	100.0	21.0	NA	100.0	25.6	100.0	100.0	25.8
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	82.5	3.5	100.0	82.2	3.1	100.0	83.0	2.8
Illinois	88.8	NA	NA	87.8	38.5	9.0	87.6	40.0	9.3
Indiana	96.2	69.7	2.4	96.5	68.2	2.2	96.3	69.9	2.4
Iowa	100.0	70.0	NA	100.0	69.0	3.1	100.0	71.3	3.4
Kansas	100.0	61.5	NA	100.0	59.9	NA	100.0	64.3	1.3
Kentucky	97.4	82.1	16.4	97.3	82.0	17.0	97.3	82.8	16.1
Louisiana	100.0	78.8	2.7	NA	76.3	3.1	100.0	78.9	3.0
Maine	100.0	NA	11.1	100.0	66.3	9.0	100.0	67.9	9.4
Maryland	78.8	32.0	4.0	77.7	30.2	7.8	76.4	30.3	6.5
Massachusetts	98.3	42.2	27.7	97.9	40.8	26.5	97.7	41.8	29.4
Michigan	94.9	63.4	NA	94.2	63.0	9.6	94.1	64.0	11.3
Minnesota	100.0	90.7	NA	NA	NA	NA	100.0	91.3	21.8
Mississippi	NA	NA	8.7	100.0	83.4	10.3	100.0	85.0	9.3
Missouri	100.0	78.8	15.8	100.0	77.9	15.8	100.0	79.0	16.4
Montana	99.7	55.0	2.1	99.7	53.1	2.0	99.6	54.3	2.6
Nebraska	88.3	60.6	NA	88.2	60.3	5.8	88.2	61.3	6.7
Nevada	100.0	72.1	22.2	100.0	65.4	NA	100.0	67.0	17.5
New Hampshire	100.0	61.9	11.1	100.0	62.4	9.2	100.0	59.9	11.1
New Jersey	97.1	50.2	NA	96.6	47.9	NA	96.3	51.5	11.6
New Mexico	100.0	63.5	10.3	NA	NA	NA	100.0	64.5	3.5
New York	100.0	100.0	7.7	100.0	100.0	6.7	100.0	100.0	7.5
North Carolina	100.0	89.1	15.2	100.0	88.4	14.5	100.0	89.3	14.6
North Dakota	100.0	94.7	34.3	100.0	94.7	NA	100.0	94.4	36.9
Ohio	100.0	100.0	1.1	100.0	100.0	NA	100.0	100.0	1.2
Oklahoma	100.0	54.9	NA	100.0	52.7	7.6	100.0	53.0	8.2
Oregon	100.0	NA	NA	100.0	95.6	16.9	100.0	95.3	16.5
Pennsylvania	86.8	39.1	1.8	85.6	NA	1.8	86.5	40.1	1.4
Rhode Island	100.0	53.4	4.4	100.0	52.7	4.2	100.0	54.6	5.2
South Carolina	100.0	91.5	36.1	100.0	92.3	37.0	100.0	93.1	39.2
South Dakota	100.0	81.2	NA	100.0	81.8	7.1	100.0	82.0	7.2
Tennessee	NA	NA	25.6	NA	NA	NA	100.0	91.9	24.1
Texas	NA	NA	29.2	99.9	75.4	28.2	100.0	78.0	32.2
Utah	100.0	68.6	2.9	100.0	70.2	NA	100.0	72.3	2.7
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	90.6	59.3	NA	89.9	54.1	NA	90.5	56.6	11.9
Washington	NA	NA	NA	100.0	87.1	NA	100.0	88.5	7.8
West Virginia	100.0	65.1	2.6	100.0	62.4	NA	100.0	64.1	3.3
Wisconsin	100.0	74.2	20.0	100.0	77.4	18.9	100.0	78.8	20.5
Wyoming	68.5	58.5	NA	69.2	58.5	NA	69.8	58.5	1.2
Total	96.6	69.6	13.2	96.3	68.4	13.1	96.2	69.5	13.8

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	79.2	51.4	96.8	80.3	50.2
Delaware	100.0	45.0	0.4	100.0	42.3	0.3	100.0	40.7	0.3
District of Columbia	71.5	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	NA	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	NA	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	NA	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	89.6	15.5	100.0	90.7	NA	100.0	91.6	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	NA	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	70.0	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

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								
	April			March			February		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	74.3	23.7	100.0	84.6	24.5	100.0	83.4	24.5
Alaska	100.0	NA	32.4	100.0	99.7	50.2	100.0	99.7	42.8
Arizona	100.0	72.7	24.5	100.0	74.1	20.9	100.0	76.4	21.4
Arkansas	100.0	35.9	1.6	100.0	47.2	1.8	100.0	49.8	1.8
California	NA	47.9	4.3	95.6	52.3	4.9	95.2	53.6	5.5
Colorado	100.0	93.1	7.8	100.0	93.9	8.6	100.0	94.9	9.5
Connecticut	95.8	76.5	49.7	96.5	78.5	50.8	96.6	78.8	51.1
Delaware	NA	NA	NA	NA	40.0	0.4	NA	NA	0.4
District of Columbia	72.9	16.8	0.0	75.2	20.9	0.0	75.6	22.3	0.0
Florida	93.7	29.1	3.2	NA	NA	NA	91.4	31.5	3.9
Georgia	100.0	100.0	20.4	100.0	100.0	26.8	100.0	100.0	25.8
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	74.0	3.2	100.0	78.8	3.1	100.0	83.3	3.2
Illinois	86.4	32.8	6.0	86.0	34.8	8.7	88.2	39.4	9.3
Indiana	95.4	63.2	1.6	96.0	66.0	2.0	96.1	69.7	2.4
Iowa	100.0	61.2	2.4	100.0	65.7	2.9	100.0	70.0	3.6
Kansas	100.0	45.0	5.9	100.0	52.4	2.9	100.0	60.7	1.5
Kentucky	97.4	74.7	15.9	96.4	79.4	17.7	97.6	83.1	16.4
Louisiana	100.0	73.5	3.1	100.0	76.2	2.8	100.0	76.1	3.1
Maine	100.0	63.0	6.1	100.0	65.6	9.4	100.0	67.4	8.7
Maryland	76.3	24.0	4.2	78.4	27.6	6.0	77.3	28.2	8.0
Massachusetts	97.9	39.3	26.0	97.9	43.2	27.6	97.9	38.8	25.8
Michigan	94.7	57.1	7.0	93.9	61.2	8.6	94.4	63.9	9.9
Minnesota	100.0	88.6	NA	100.0	89.3	18.1	NA	NA	NA
Mississippi	NA	NA	8.0	100.0	80.6	10.0	100.0	83.0	10.8
Missouri	100.0	72.8	12.9	100.0	77.2	15.6	100.0	78.7	17.0
Montana	99.7	53.7	1.6	99.7	55.1	2.2	99.7	52.4	1.9
Nebraska	87.0	55.4	NA	87.6	58.4	5.5	88.7	61.4	6.0
Nevada	100.0	68.2	12.9	100.0	60.1	NA	100.0	66.3	17.3
New Hampshire	100.0	59.9	8.3	100.0	61.3	9.0	100.0	62.3	8.8
New Jersey	96.9	40.8	7.9	96.6	45.4	9.1	96.6	48.7	NA
New Mexico	100.0	59.1	12.0	100.0	65.9	8.9	NA	NA	NA
New York	100.0	100.0	5.6	100.0	100.0	6.3	100.0	100.0	7.2
North Carolina	100.0	80.9	10.5	100.0	84.4	13.7	100.0	88.9	14.9
North Dakota	100.0	93.8	37.3	100.0	94.7	38.0	100.0	94.3	39.2
Ohio	100.0	100.0	0.8	100.0	100.0	NA	100.0	100.0	1.1
Oklahoma	100.0	45.7	7.1	100.0	56.6	7.7	100.0	52.7	7.3
Oregon	100.0	93.7	15.0	100.0	95.3	16.7	100.0	95.5	17.7
Pennsylvania	85.6	31.5	1.1	85.4	NA	1.6	85.6	38.7	1.8
Rhode Island	100.0	49.7	3.3	100.0	51.2	3.5	100.0	52.3	3.8
South Carolina	100.0	89.5	35.8	100.0	89.8	37.0	100.0	93.5	36.4
South Dakota	100.0	81.8	5.4	100.0	82.8	6.1	100.0	80.7	6.7
Tennessee	100.0	86.4	19.5	NA	NA	NA	100.0	92.0	23.4
Texas	99.7	66.2	30.0	99.9	70.4	28.1	99.9	76.1	27.8
Utah	NA	NA	2.9	100.0	66.8	NA	100.0	70.1	2.4
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	88.0	44.4	14.3	88.8	52.2	NA	90.0	56.6	NA
Washington	100.0	82.7	6.5	100.0	88.0	NA	100.0	83.6	NA
West Virginia	100.0	54.0	NA	100.0	58.6	3.4	100.0	64.3	2.6
Wisconsin	100.0	71.3	14.4	100.0	75.2	16.8	100.0	78.3	19.2
Wyoming	69.9	57.1	1.5	69.5	58.9	NA	68.3	57.7	1.7
Total	95.9	63.7	12.8	96.1	66.5	13.0	96.3	68.9	13.2

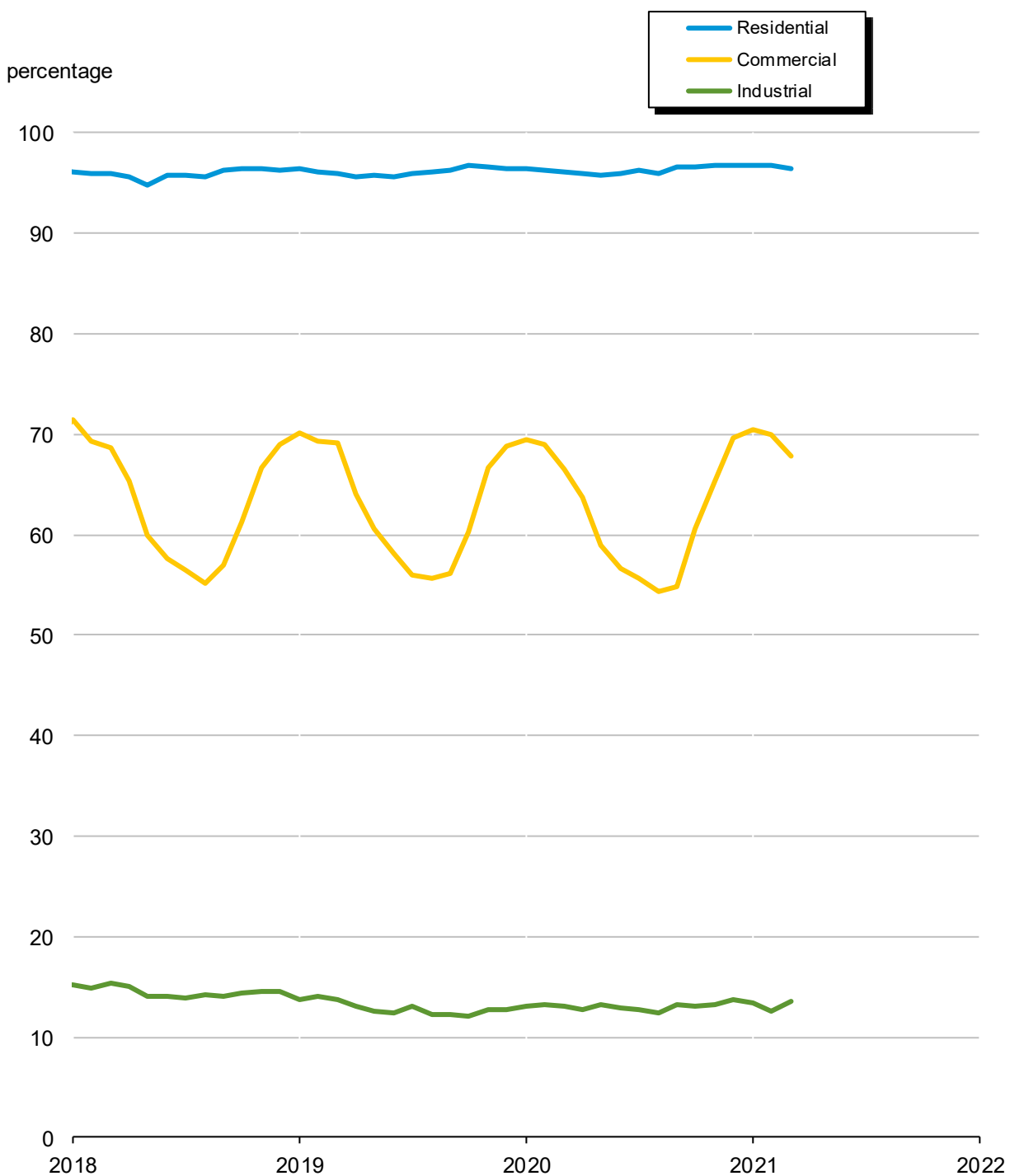
– Not applicable.

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



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			2020
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
Alabama	1,028	1,028	1,023	1,027	1,027	1,029	1,030
Alaska	989	984	985	998	985	983	991
Arizona	1,037	1,031	1,036	1,039	1,037	1,034	1,029
Arkansas	1,018	1,021	1,017	1,018	1,018	1,019	1,019
California	1,037	1,038	1,032	1,035	1,038	1,037	1,033
Colorado	1,057	1,076	1,079	1,055	1,058	1,058	1,077
Connecticut	1,031	1,031	1,030	1,030	1,032	1,032	1,030
Delaware	1,035	1,036	1,040	1,035	1,035	1,036	1,035
District of Columbia	1,040	1,040	1,045	1,034	1,043	1,043	1,036
Florida	1,027	1,026	1,021	1,026	1,027	1,026	1,026
Georgia	1,029	1,029	1,023	1,027	1,031	1,030	1,030
Hawaii	917	980	948	918	916	916	937
Idaho	1,021	1,029	1,029	1,020	1,023	1,019	1,025
Illinois	1,043	1,041	1,034	1,043	1,044	1,043	1,040
Indiana	1,055	1,050	1,043	1,056	1,055	1,055	1,053
Iowa	1,066	1,066	1,055	1,064	1,063	1,071	1,070
Kansas	1,037	1,040	1,038	1,036	1,040	1,034	1,037
Kentucky	1,051	1,054	1,049	1,050	1,051	1,052	1,050
Louisiana	1,021	1,021	1,021	1,019	1,025	1,020	1,022
Maine	1,042	1,045	1,045	1,041	1,042	1,044	1,039
Maryland	1,043	1,045	1,050	1,038	1,045	1,047	1,040
Massachusetts	1,031	1,034	1,033	1,029	1,032	1,032	1,031
Michigan	1,056	1,061	1,052	1,056	1,056	1,057	1,059
Minnesota	1,053	1,035	1,041	1,055	1,054	1,050	1,051
Mississippi	1,028	1,030	1,025	1,027	1,029	1,028	1,030
Missouri	1,021	1,024	1,021	1,021	1,021	1,021	1,023
Montana	1,042	1,046	1,046	1,042	1,041	1,043	1,047
Nebraska	1,049	1,063	1,056	1,045	1,050	1,050	1,062
Nevada	1,042	1,044	1,036	1,040	1,043	1,042	1,039
New Hampshire	1,037	1,038	1,037	1,033	1,039	1,038	1,033
New Jersey	1,041	1,038	1,043	1,040	1,042	1,042	1,037
New Mexico	1,035	1,032	1,027	1,038	1,035	1,032	1,027
New York	1,034	1,034	1,034	1,033	1,034	1,035	1,032
North Carolina	1,033	1,033	1,027	1,032	1,033	1,034	1,033
North Dakota	1,071	1,072	1,085	1,074	1,069	1,069	1,069
Ohio	1,069	1,065	1,065	1,068	1,069	1,070	1,067
Oklahoma	1,033	1,033	1,026	1,030	1,039	1,029	1,031
Oregon	1,052	1,055	1,052	1,051	1,053	1,053	1,053
Pennsylvania	1,037	1,038	1,039	1,036	1,037	1,037	1,037
Rhode Island	1,030	1,031	1,028	1,029	1,029	1,030	1,030
South Carolina	1,033	1,030	1,023	1,032	1,034	1,032	1,031
South Dakota	1,081	1,079	1,063	1,077	1,080	1,084	1,081
Tennessee	1,031	1,030	1,028	1,032	1,031	1,032	1,026
Texas	1,022	1,022	1,022	1,022	1,025	1,019	1,020
Utah	1,047	1,051	1,042	1,046	1,045	1,049	1,045
Vermont	1,047	1,046	1,040	1,044	1,049	1,048	1,041
Virginia	1,052	1,052	1,056	1,046	1,057	1,052	1,049
Washington	1,081	1,086	1,085	1,085	1,082	1,073	1,082
West Virginia	1,092	1,089	1,086	1,092	1,092	1,091	1,085
Wisconsin	1,046	1,044	1,045	1,046	1,050	1,040	1,044
Wyoming	1,059	1,074	1,071	1,059	1,056	1,061	1,070
Total	1,039	1,039	1,037	1,038	1,041	1,038	1,037

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						
	December	November	October	September	August	July	June
Alabama	1,032	1,031	1,031	1,032	1,031	1,031	1,030
Alaska	982	985	997	1,009	994	1,015	990
Arizona	1,034	1,023	1,022	1,029	1,026	1,024	1,025
Arkansas	1,019	1,019	1,020	1,019	1,017	1,016	1,015
California	1,035	1,035	1,030	1,029	1,026	1,024	1,026
Colorado	1,066	1,070	1,075	1,082	1,090	1,089	1,083
Connecticut	1,032	1,031	1,029	1,029	1,029	1,029	1,028
Delaware	1,037	1,036	1,034	1,037	1,032	1,033	1,034
District of Columbia	1,039	1,033	1,029	1,028	1,030	1,032	1,025
Florida	1,028	1,027	1,027	1,028	1,025	1,026	1,023
Georgia	1,035	1,030	1,030	1,032	1,030	1,029	1,027
Hawaii	919	916	918	914	912	914	915
Idaho	1,022	1,022	1,033	1,018	1,017	1,014	1,026
Illinois	1,042	1,041	1,039	1,034	1,038	1,036	1,040
Indiana	1,056	1,056	1,059	1,058	1,057	1,050	1,053
Iowa	1,072	1,079	1,076	1,080	1,071	1,068	1,067
Kansas	1,035	1,034	1,031	1,036	1,034	1,031	1,033
Kentucky	1,053	1,049	1,048	1,053	1,043	1,046	1,048
Louisiana	1,019	1,020	1,024	1,021	1,025	1,021	1,021
Maine	1,042	1,037	1,033	1,038	1,034	1,030	1,033
Maryland	1,045	1,035	1,034	1,036	1,038	1,040	1,036
Massachusetts	1,031	1,029	1,029	1,029	1,029	1,029	1,028
Michigan	1,058	1,057	1,060	1,059	1,056	1,057	1,058
Minnesota	1,056	1,051	1,066	1,070	1,063	1,062	1,056
Mississippi	1,028	1,027	1,034	1,035	1,032	1,027	1,028
Missouri	1,021	1,021	1,020	1,024	1,022	1,021	1,022
Montana	1,046	1,044	1,054	1,048	1,048	1,043	1,045
Nebraska	1,061	1,056	1,058	1,064	1,063	1,064	1,062
Nevada	1,045	1,045	1,037	1,035	1,031	1,027	1,030
New Hampshire	1,035	1,031	1,029	1,030	1,031	1,030	1,030
New Jersey	1,041	1,038	1,036	1,035	1,036	1,035	1,034
New Mexico	1,027	1,019	1,018	1,018	1,025	1,024	1,025
New York	1,034	1,032	1,031	1,031	1,031	1,030	1,031
North Carolina	1,034	1,035	1,030	1,034	1,032	1,033	1,032
North Dakota	1,069	1,074	1,065	1,069	1,059	1,061	1,059
Ohio	1,072	1,072	1,070	1,064	1,064	1,061	1,064
Oklahoma	1,034	1,031	1,029	1,035	1,023	1,028	1,024
Oregon	1,052	1,054	1,060	1,055	1,058	1,051	1,053
Pennsylvania	1,038	1,036	1,037	1,037	1,037	1,038	1,038
Rhode Island	1,030	1,029	1,029	1,029	1,029	1,030	1,029
South Carolina	1,033	1,033	1,032	1,034	1,033	1,033	1,026
South Dakota	1,084	1,093	1,092	1,084	1,079	1,073	1,079
Tennessee	1,029	1,030	1,026	1,020	1,020	1,017	1,022
Texas	1,020	1,017	1,017	1,017	1,018	1,018	1,017
Utah	1,047	1,046	1,042	1,037	1,031	1,029	1,035
Vermont	1,047	1,038	1,034	1,038	1,035	1,030	1,033
Virginia	1,052	1,049	1,047	1,051	1,046	1,045	1,049
Washington	1,083	1,083	1,087	1,089	1,056	1,081	1,063
West Virginia	1,091	1,082	1,080	1,098	1,085	1,071	1,076
Wisconsin	1,044	1,045	1,053	1,046	1,043	1,034	1,037
Wyoming	1,065	1,068	1,058	1,061	1,067	1,060	1,068
Total	1,039	1,037	1,036	1,035	1,033	1,032	1,032

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	
	May	April	March	February	January	Total	December
Alabama	1,027	1,028	1,027	1,027	1,029	1,028	1,030
Alaska	1,011	981	981	981	988	987	987
Arizona	1,039	1,035	1,028	1,031	1,033	1,032	1,030
Arkansas	1,018	1,020	1,021	1,021	1,021	1,018	1,021
California	1,035	1,039	1,038	1,038	1,039	1,034	1,038
Colorado	1,079	1,080	1,073	1,077	1,078	1,089	1,079
Connecticut	1,029	1,030	1,030	1,032	1,031	1,030	1,032
Delaware	1,035	1,036	1,036	1,038	1,036	1,041	1,034
District of Columbia	1,030	1,033	1,036	1,041	1,042	1,035	1,040
Florida	1,025	1,028	1,026	1,025	1,026	1,023	1,024
Georgia	1,025	1,027	1,028	1,029	1,030	1,026	1,028
Hawaii	913	919	975	981	984	952	984
Idaho	1,028	1,030	1,029	1,028	1,028	1,030	1,023
Illinois	1,040	1,042	1,041	1,041	1,041	1,033	1,041
Indiana	1,051	1,052	1,052	1,048	1,049	1,052	1,050
Iowa	1,066	1,067	1,062	1,068	1,067	1,066	1,071
Kansas	1,045	1,044	1,039	1,040	1,041	1,041	1,045
Kentucky	1,045	1,050	1,057	1,054	1,051	1,049	1,051
Louisiana	1,020	1,024	1,023	1,020	1,021	1,023	1,019
Maine	1,036	1,042	1,043	1,046	1,046	1,038	1,050
Maryland	1,035	1,038	1,041	1,045	1,047	1,044	1,048
Massachusetts	1,028	1,029	1,030	1,035	1,036	1,031	1,035
Michigan	1,058	1,062	1,062	1,062	1,060	1,057	1,061
Minnesota	1,046	1,053	1,047	1,026	1,029	1,056	1,048
Mississippi	1,025	1,035	1,031	1,028	1,031	1,029	1,029
Missouri	1,024	1,023	1,025	1,023	1,023	1,023	1,024
Montana	1,048	1,053	1,045	1,046	1,046	1,049	1,049
Nebraska	1,064	1,067	1,064	1,063	1,061	1,070	1,063
Nevada	1,038	1,046	1,046	1,045	1,043	1,043	1,044
New Hampshire	1,030	1,032	1,034	1,038	1,040	1,032	1,042
New Jersey	1,031	1,035	1,034	1,037	1,042	1,039	1,041
New Mexico	1,036	1,038	1,031	1,030	1,034	1,031	1,040
New York	1,031	1,033	1,033	1,034	1,034	1,032	1,034
North Carolina	1,031	1,033	1,033	1,033	1,031	1,031	1,030
North Dakota	1,072	1,074	1,074	1,072	1,071	1,099	1,072
Ohio	1,066	1,067	1,065	1,066	1,065	1,065	1,065
Oklahoma	1,030	1,042	1,030	1,032	1,036	1,033	1,043
Oregon	1,043	1,042	1,052	1,060	1,052	1,053	1,053
Pennsylvania	1,037	1,038	1,038	1,037	1,037	1,038	1,037
Rhode Island	1,030	1,030	1,030	1,031	1,031	1,029	1,032
South Carolina	1,029	1,030	1,030	1,030	1,029	1,027	1,028
South Dakota	1,081	1,077	1,080	1,078	1,078	1,084	1,081
Tennessee	1,024	1,027	1,030	1,030	1,030	1,030	1,028
Texas	1,022	1,026	1,022	1,022	1,022	1,025	1,024
Utah	1,044	1,053	1,052	1,051	1,050	1,046	1,049
Vermont	1,035	1,041	1,043	1,048	1,047	1,036	1,051
Virginia	1,046	1,047	1,051	1,052	1,052	1,051	1,053
Washington	1,078	1,081	1,084	1,088	1,087	1,086	1,088
West Virginia	1,088	1,080	1,092	1,091	1,084	1,084	1,088
Wisconsin	1,043	1,048	1,041	1,047	1,044	1,042	1,042
Wyoming	1,075	1,082	1,074	1,075	1,073	1,074	1,081
Total	1,035	1,039	1,039	1,039	1,039	1,038	1,040

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						
	November	October	September	August	July	June	May
Alabama	1,031	1,030	1,031	1,031	1,027	1,027	1,026
Alaska	992	994	976	974	979	977	967
Arizona	1,029	1,029	1,030	1,032	1,030	1,031	1,032
Arkansas	1,019	1,021	1,020	1,019	1,021	1,018	1,015
California	1,039	1,041	1,038	1,038	1,035	1,031	1,031
Colorado	1,084	1,096	1,106	1,105	1,109	1,102	1,094
Connecticut	1,035	1,028	1,028	1,028	1,028	1,027	1,027
Delaware	1,036	1,037	1,036	1,040	1,035	1,037	1,037
District of Columbia	1,039	1,026	1,025	1,030	1,033	1,026	1,031
Florida	1,024	1,025	1,025	1,025	1,025	1,025	1,022
Georgia	1,027	1,027	1,029	1,028	1,027	1,023	1,023
Hawaii	973	924	967	936	917	954	963
Idaho	1,023	1,033	1,027	1,030	1,022	1,033	1,039
Illinois	1,041	1,038	1,036	1,034	1,033	1,032	1,032
Indiana	1,052	1,053	1,058	1,061	1,059	1,055	1,061
Iowa	1,077	1,077	1,078	1,077	1,080	1,075	1,063
Kansas	1,047	1,040	1,045	1,046	1,059	1,036	1,038
Kentucky	1,054	1,045	1,043	1,042	1,044	1,042	1,043
Louisiana	1,024	1,023	1,020	1,022	1,022	1,024	1,026
Maine	1,041	1,031	1,033	1,032	1,032	1,036	1,030
Maryland	1,045	1,036	1,036	1,040	1,039	1,036	1,039
Massachusetts	1,031	1,029	1,029	1,029	1,030	1,029	1,029
Michigan	1,062	1,062	1,066	1,061	1,058	1,058	1,057
Minnesota	1,028	1,063	1,060	1,065	1,059	1,055	1,055
Mississippi	1,031	1,032	1,030	1,027	1,033	1,029	1,032
Missouri	1,023	1,027	1,030	1,033	1,032	1,028	1,028
Montana	1,050	1,046	1,050	1,049	1,052	1,054	1,051
Nebraska	1,072	1,082	1,082	1,080	1,085	1,078	1,074
Nevada	1,045	1,048	1,047	1,048	1,048	1,042	1,039
New Hampshire	1,033	1,030	1,029	1,029	1,030	1,029	1,028
New Jersey	1,040	1,036	1,035	1,036	1,036	1,035	1,036
New Mexico	1,038	1,034	1,037	1,032	1,030	1,028	1,025
New York	1,033	1,030	1,030	1,030	1,031	1,030	1,030
North Carolina	1,034	1,033	1,030	1,032	1,032	1,031	1,029
North Dakota	1,068	1,077	1,061	1,059	1,065	1,084	1,085
Ohio	1,065	1,067	1,065	1,064	1,064	1,062	1,063
Oklahoma	1,045	1,032	1,035	1,048	1,034	1,028	1,025
Oregon	1,052	1,063	1,048	1,053	1,053	1,066	1,063
Pennsylvania	1,037	1,035	1,041	1,037	1,035	1,036	1,036
Rhode Island	1,031	1,029	1,029	1,028	1,029	1,028	1,028
South Carolina	1,030	1,030	1,029	1,029	1,028	1,027	1,027
South Dakota	1,082	1,080	1,076	1,078	1,074	1,077	1,073
Tennessee	1,028	1,027	1,021	1,021	1,021	1,020	1,023
Texas	1,024	1,023	1,024	1,028	1,029	1,026	1,022
Utah	1,046	1,048	1,051	1,050	1,049	1,043	1,044
Vermont	1,043	1,030	1,032	1,030	1,032	1,033	1,029
Virginia	1,050	1,051	1,046	1,050	1,049	1,048	1,049
Washington	1,090	901	1,091	1,086	1,090	1,087	1,083
West Virginia	1,084	1,085	1,091	1,092	1,098	1,100	1,112
Wisconsin	1,045	1,040	1,042	1,042	1,041	1,034	1,043
Wyoming	1,079	1,078	1,075	1,077	1,073	1,060	1,077
Total	1,040	1,036	1,037	1,038	1,037	1,035	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	2019			
	April	March	February	January
Alabama	1,023	1,021	1,021	1,025
Alaska	980	982	981	990
Arizona	1,035	1,036	1,037	1,036
Arkansas	1,017	1,016	1,018	1,018
California	1,032	1,031	1,033	1,032
Colorado	1,087	1,077	1,078	1,081
Connecticut	1,028	1,030	1,030	1,030
Delaware	1,038	1,039	1,040	1,041
District of Columbia	1,040	1,044	1,046	1,045
Florida	1,023	1,020	1,020	1,021
Georgia	1,021	1,021	1,022	1,026
Hawaii	958	946	961	938
Idaho	1,037	1,030	1,029	1,028
Illinois	1,032	1,033	1,034	1,035
Indiana	1,049	1,045	1,043	1,043
Iowa	1,060	1,054	1,054	1,055
Kansas	1,044	1,036	1,036	1,043
Kentucky	1,052	1,046	1,050	1,051
Louisiana	1,023	1,021	1,020	1,021
Maine	1,036	1,042	1,045	1,048
Maryland	1,045	1,050	1,050	1,050
Massachusetts	1,030	1,031	1,034	1,035
Michigan	1,053	1,051	1,053	1,052
Minnesota	1,053	1,043	1,026	1,047
Mississippi	1,030	1,030	1,023	1,023
Missouri	1,022	1,021	1,020	1,022
Montana	1,051	1,049	1,045	1,045
Nebraska	1,073	1,055	1,056	1,059
Nevada	1,039	1,034	1,039	1,035
New Hampshire	1,030	1,034	1,035	1,041
New Jersey	1,038	1,041	1,044	1,044
New Mexico	1,024	1,022	1,027	1,031
New York	1,032	1,033	1,034	1,034
North Carolina	1,030	1,029	1,027	1,027
North Dakota	1,092	1,087	1,089	1,079
Ohio	1,065	1,065	1,065	1,065
Oklahoma	1,027	1,027	1,030	1,022
Oregon	1,048	1,048	1,054	1,055
Pennsylvania	1,037	1,038	1,039	1,039
Rhode Island	1,028	1,028	1,028	1,029
South Carolina	1,025	1,022	1,021	1,026
South Dakota	1,067	1,064	1,064	1,062
Tennessee	1,032	1,027	1,027	1,029
Texas	1,024	1,022	1,021	1,024
Utah	1,046	1,043	1,041	1,042
Vermont	1,034	1,037	1,041	1,042
Virginia	1,053	1,057	1,056	1,055
Washington	1,084	1,083	1,086	1,087
West Virginia	1,091	1,087	1,088	1,085
Wisconsin	1,044	1,047	1,040	1,046
Wyoming	1,071	1,070	1,071	1,072
Total	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 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:

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

where:

P_j = natural gas price in sector j,

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

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

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

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

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

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

and,

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

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

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

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

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

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

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

Table C1. Standard error for natural gas deliveries and price by consumers, by state, March 2021

State	Volume Relative Standard Error (Percent)				Price (Dollars per Thousand Cubic Feet)		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	1.4	1.1	1.8	1.4	0.09	0.07	0.05
Alaska	1.1	1.1	0.0	0.6	0.04	0.11	0.00
Arizona	0.5	0.7	0.9	0.4	0.03	0.04	0.01
Arkansas	1.2	0.6	1.4	0.7	0.06	0.04	0.24
California	0.3	0.6	1.2	0.5	0.14	0.11	0.29
Colorado	0.3	0.4	1.2	0.4	0.10	0.12	0.05
Connecticut	0.2	0.4	1.0	0.2	0.10	0.04	0.01
Delaware	0.0	0.0	0.0	0.0	0.00	0.00	0.00
District of Columbia	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Florida	3.4	2.1	0.6	0.8	0.29	0.42	0.68
Georgia	0.0	0.0	2.2	0.0	0.00	0.07	0.32
Hawaii	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Idaho	0.7	0.3	0.1	0.3	0.00	0.02	0.00
Illinois	0.6	1.0	1.8	0.6	0.12	0.34	0.41
Indiana	1.8	1.0	4.7	2.9	0.03	0.11	0.20
Iowa	1.3	0.8	2.0	1.2	0.27	0.21	0.44
Kansas	3.4	2.4	2.5	1.7	0.19	0.29	1.10
Kentucky	1.0	1.2	1.3	0.8	0.13	0.10	0.22
Louisiana	6.0	3.2	1.8	1.7	0.48	0.29	0.60
Maine	2.9	2.0	3.0	1.9	0.52	0.50	0.00
Maryland	0.2	0.2	0.0	0.1	0.04	0.08	0.00
Massachusetts	0.8	0.9	4.8	0.9	0.18	0.27	0.13
Michigan	0.8	0.9	1.9	0.6	0.11	0.06	0.29
Minnesota	1.6	1.4	2.3	1.0	0.13	0.11	0.15
Mississippi	1.9	1.8	7.7	5.5	0.27	0.21	0.11
Missouri	1.5	1.6	3.3	1.2	0.02	0.08	0.20
Montana	1.0	0.9	0.0	0.5	0.02	0.03	0.00
Nebraska	3.7	2.9	NA	6.4	0.15	0.13	0.27
Nevada	0.0	0.5	7.2	1.1	0.00	0.00	0.03
New Hampshire	0.0	0.0	4.0	1.2	0.00	0.00	0.00
New Jersey	0.8	0.9	NA	1.1	0.19	0.06	0.10
New Mexico	0.9	1.2	1.6	0.7	0.09	0.14	0.03
New York	0.0	0.0	1.2	0.0	0.09	0.06	0.26
North Carolina	0.8	0.5	0.4	0.3	0.07	0.06	0.16
North Dakota	0.3	0.2	3.0	1.5	0.01	0.01	0.01
Ohio	0.0	0.0	2.1	0.0	0.02	0.02	0.09
Oklahoma	4.7	5.1	1.0	1.4	0.05	0.05	0.14
Oregon	0.0	0.0	1.5	0.5	0.00	0.00	0.00
Pennsylvania	0.8	1.9	2.6	1.0	0.19	0.14	0.14
Rhode Island	0.0	0.0	0.0	0.0	0.00	0.00	0.00
South Carolina	2.6	2.0	0.5	0.8	0.41	0.24	0.05
South Dakota	2.8	2.1	3.0	1.8	0.45	0.37	0.44
Tennessee	2.6	2.3	2.2	1.4	0.29	0.25	0.16
Texas	2.6	2.7	2.1	1.7	0.30	0.12	0.03
Utah	0.2	0.0	0.2	0.1	0.00	0.00	0.07
Vermont	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Virginia	1.6	1.5	2.0	1.0	0.14	0.13	0.14
Washington	1.3	0.6	1.5	0.8	0.05	0.04	0.18
West Virginia	2.7	0.6	0.7	1.0	0.08	0.05	0.00
Wisconsin	1.7	1.3	1.9	1.0	0.03	0.07	0.03
Wyoming	1.4	1.4	NA	6.1	0.08	0.10	0.03
Total	0.2	0.2	0.6	0.3	0.03	0.02	0.03

^{NA} Not available.

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

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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.