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Contacts

The *Natural Gas Monthly* (NGM) is prepared by the U.S. Energy Information Administration (EIA), U.S. Department of Energy (DOE), under the direction of the Director of the Office of Petroleum and Biofuels Statistics, Robert Merriam.

General inquiries about energy data can be directed to EIA's Office of Communications via email at infoctr@eia.gov.

Specific questions about the information in this report may be directed to:

Consumption and Consumer Prices.....	Jennifer Wade (jennifer.wade@eia.gov , 202-586-4749)
Imports and Exports.....	Jose Villar (jose.villar@eia.gov , 202-287-6589)
Natural Gas Production	Jeffrey Little (jeffrey.little@eia.gov , 202-586-6284)
Quality	Vicki Spangler (vicki.spangler@eia.gov , 202-586-8555)
Supplemental Gaseous Fuels	Jennifer Wade (jennifer.wade@eia.gov , 202-586-4749)
Underground Storage	Jennifer Wade (jennifer.wade@eia.gov , 202-586-4749)

Other contributors to this report include Sharon Belcher, Bridgette Brown, Michael Kopalek, and Gary Long.

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 July 2017.

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 “Regular Weekly Releases” 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.

Revisions to Prior Data

This issue of the NGM contains a substantial number of revisions to 2015 and 2016 data, benchmarking to the data published in the [Natural Gas Annual 2016](#) and [Electric Power Annual 2015](#).

Abbreviations

Common Abbreviations Used in the *Natural Gas Monthly*

Bcf	Billion cubic feet
CNG	Compressed natural gas
DOE	U.S. Department of Energy
EIA	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, 2012-2017

(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
2012 Total	29,542	25,283	1,250	24,033	61	1,519	-9	-66	25,538
2013 Total	29,523	25,562	1,357	24,206	55	1,311	546	38	26,155
2014 Total	31,405	27,498	1,608	25,890	60	1,181	-254	-283	26,593
2015									
January	R2,790	R2,420	R144	R2,277	5	135	741	R-42	R3,115
February	R2,521	R2,197	R130	R2,067	4	109	757	R-12	R2,925
March	R2,828	R2,443	R145	R2,298	5	93	201	R-6	R2,591
April	R2,759	R2,398	R142	R2,256	5	75	-329	R1	R2,008
May	2,791	R2,443	R145	R2,298	5	70	R-507	R-8	R1,858
June	R2,660	R2,358	R140	R2,219	5	68	-370	R-21	R1,900
July	R2,756	R2,445	R145	R2,300	5	73	R-292	R-19	R2,068
August	R2,745	R2,448	R145	2,302	5	69	-317	R-7	R2,053
September	R2,721	R2,384	141	R2,242	5	46	-381	-11	R1,901
October	R2,806	R2,445	R145	R2,300	5	68	-339	R-47	R1,987
November	R2,726	R2,356	R140	R2,216	5	63	R16	R-51	R2,249
December	R2,812	R2,435	144	R2,290	5	66	272	R-45	R2,588
Total	R32,915	R28,772	R1,707	R27,065	59	935	R-547	R-268	R27,244
2016									
January	R2,828	R2,443	R156	R2,287	5	105	R741	R-46	R3,092
February	R2,656	R2,315	R148	R2,167	5	89	R411	R-20	R2,651
March	R2,828	R2,449	R156	R2,293	5	46	R53	R-39	R2,357
April	R2,681	R2,366	151	R2,215	5	63	R-171	R-23	2,089
May	R2,787	R2,433	R155	R2,278	5	60	R-337	R-35	1,971
June	R2,636	R2,323	R148	R2,175	R5	59	R-229	R-4	R2,005
July	R2,730	R2,421	R154	R2,266	5	76	R-139	R-15	R2,193
August	R2,726	R2,395	R153	2,242	5	48	R-130	R51	R2,216
September	R2,630	R2,304	147	R2,157	5	37	R-270	R23	R1,951
October	2,718	R2,365	R151	R2,214	5	55	R-317	R-31	R1,926
November	R2,673	R2,310	R147	R2,162	5	3	R39	R-44	R2,164
December	R2,742	R2,356	R150	R2,206	5	30	R688	R-61	R2,867
Total	R32,636	R28,479	R1,817	R26,663	R57	671	R339	R-244	R27,486
2017									
January	RE2,733	E2,345	R149	RE2,196	5	R20	675	R-5	R2,891
February	RE2,509	E2,153	R144	RE2,009	5	-1	285	R22	R2,320
March	RE2,780	RE2,384	R161	RE2,222	5	9	275	R2	R2,514
April	RE2,684	RE2,311	R156	RE2,155	5	-9	-230	R-7	R1,914
May	RE2,772	RE2,394	R164	RE2,230	3	-10	-341	R5	R1,887
June	RE2,682	RE2,341	R160	RE2,181	4	-14	-281	*	R1,890
July	E2,750	E2,444	166	E2,278	5	2	-150	-24	2,111
2017 7-Month YTD	E18,912	E16,372	1,100	E15,272	31	-2	233	-7	15,528
2016 7-Month YTD	19,147	16,749	1,068	15,681	34	499	329	-182	16,360
2015 7-Month YTD	19,104	16,705	991	15,714	34	624	201	-107	16,465

^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 2012 through 2016 include underground storage and liquefied natural gas storage. Data for January 2017 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 for 2014 and 2015 excludes net intransit deliveries. These net intransit deliveries were (in billion cubic feet): 9 for 2016; 57 for 2015; 27 for 2014; 54 for 2013; and 57 for 2012. 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.

* Volume is between -500 Mcf and 500 Mcf.

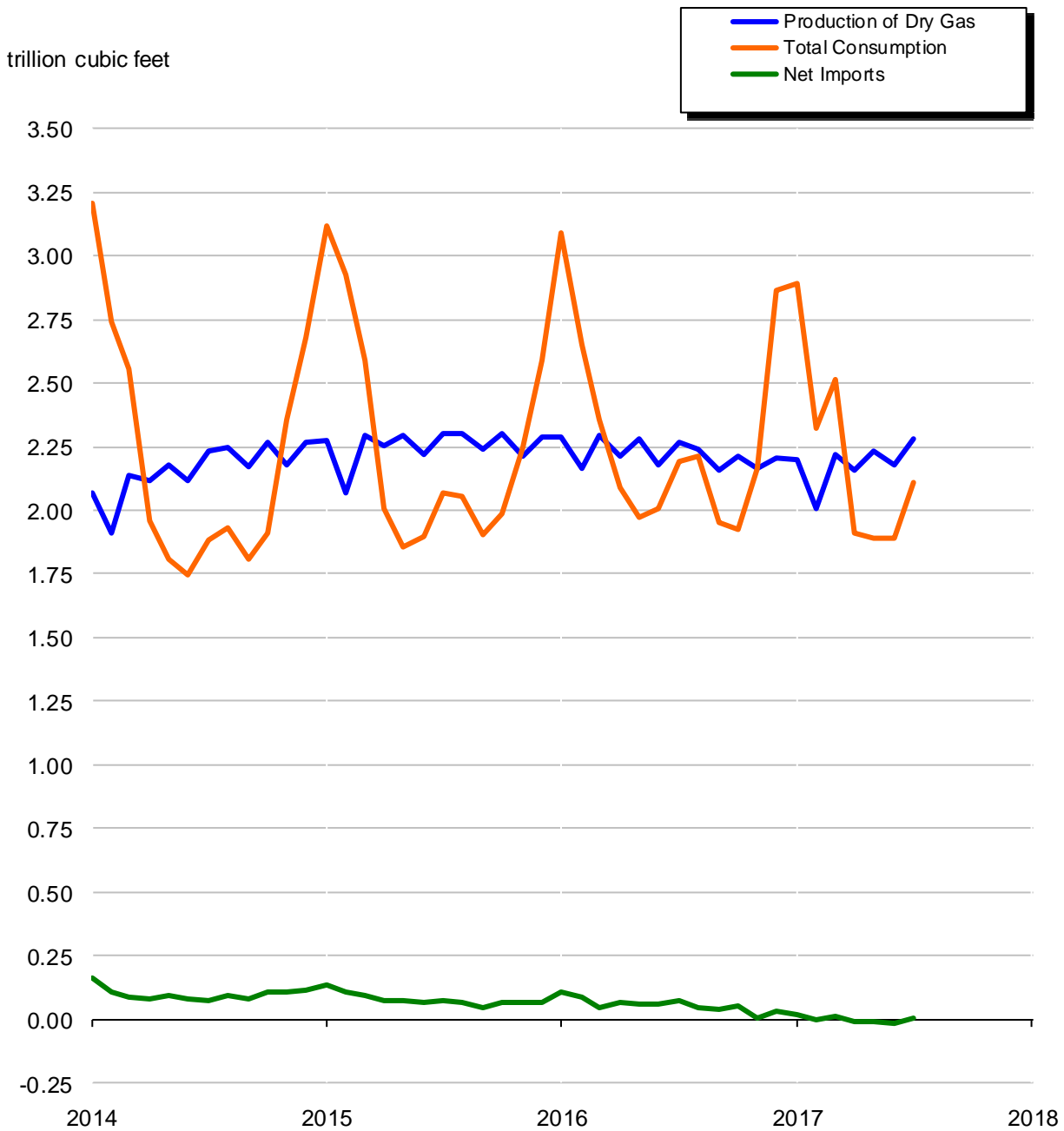
^{RE} Revised estimated data.

Notes: Data for 2012 through 2015 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: 2012-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*. January 2017 through current month: Form EIA-914, "Monthly Crude Oil, 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"; Form EIA-923, "Power Plant Operations 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, 2014-2017



Sources: 2014-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*. January 2017 through current month: Form EIA-914, "Monthly Crude Oil, 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, 2012-2017

(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		
2012 Total	1,396	731	4,150	2,895	7,226	9,111	30	23,411	25,538	1,024
2013 Total	1,483	833	4,897	3,295	7,425	8,191	30	23,839	26,155	1,027
2014 Total	1,512	700	5,087	3,466	7,646	8,146	35	24,381	26,593	1,032
2015										
January	R133	R79	R938	R533	R718	R711	3	R2,904	R3,115	1,036
February	R120	R74	902	517	R660	R648	3	R2,731	R2,925	1,036
March	R134	R65	633	R386	R662	709	3	R2,393	R2,591	1,036
April	R131	R50	319	232	R608	R664	3	R1,827	R2,008	1,037
May	R134	R46	R178	R161	R603	R734	3	R1,679	R1,858	1,037
June	R129	R47	124	135	R575	R886	3	R1,724	R1,900	1,037
July	R134	R51	108	134	R592	R1,046	3	R1,883	R2,068	1,037
August	R134	R51	103	135	R600	R1,027	3	R1,868	R2,053	1,036
September	R131	R47	108	138	R579	R895	3	R1,724	R1,901	1,037
October	R134	R49	R202	195	R613	R792	3	R1,804	R1,987	1,037
November	R129	R56	R407	283	639	R732	3	R2,064	R2,249	1,038
December	R133	R65	591	R353	675	R769	3	R2,390	R2,588	1,038
Total	R1,576	R678	R4,613	R3,202	R7,522	R9,613	39	R24,989	R27,244	1,037
2016										
January	R136	R80	R879	R503	720	771	3	R2,876	R3,092	1,038
February	R129	R68	R690	R413	R662	686	3	R2,454	R2,651	1,038
March	R137	R60	R455	R298	662	743	3	R2,161	R2,357	1,037
April	R132	R53	R328	R233	620	721	3	R1,905	2,089	1,037
May	R136	R49	R194	R171	612	806	3	R1,786	1,971	1,034
June	R130	R51	123	R138	590	971	3	R1,825	R2,005	1,034
July	R135	R55	R106	R134	616	1,142	4	R2,003	R2,193	1,034
August	R134	R56	R100	R140	627	1,155	4	R2,026	R2,216	1,037
September	R129	R49	R110	142	R604	915	4	R1,774	R1,951	1,037
October	R132	R48	R187	R191	622	741	4	R1,746	R1,926	1,036
November	R129	R55	R380	R280	R654	664	4	R1,981	R2,164	1,037
December	R132	R74	R794	R462	733	669	4	R2,662	R2,867	1,039
Total	R1,590	R697	R4,345	R3,105	R7,722	9,984	R42	R25,198	R27,486	1,037
2017										
January	RE131	RE73	R832	R481	R731	639	E4	R2,687	R2,891	1,039
February	RE120	RE59	R582	361	R644	550	E3	R2,141	R2,320	1,038
March	RE133	RE64	582	R373	R691	667	E4	R2,317	R2,514	1,037
April	RE129	RE49	281	R213	R625	614	E4	R1,737	R1,914	1,036
May	RE134	RE48	201	R179	R625	697	E4	R1,705	R1,887	1,035
June	RE131	RE48	124	R139	R611	834	E4	R1,712	R1,890	1,035
July	E136	E54	108	134	624	1,052	E4	1,921	2,111	1,035
2017 7-Month YTD	E914	E394	2,709	1,882	4,551	5,053	E25	14,220	15,528	1,037
2016 7-Month YTD	935	415	2,774	1,889	4,482	5,840	24	15,010	16,360	1,036
2015 7-Month YTD	915	411	3,202	2,098	4,417	5,399	23	15,139	16,465	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 down.

^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.

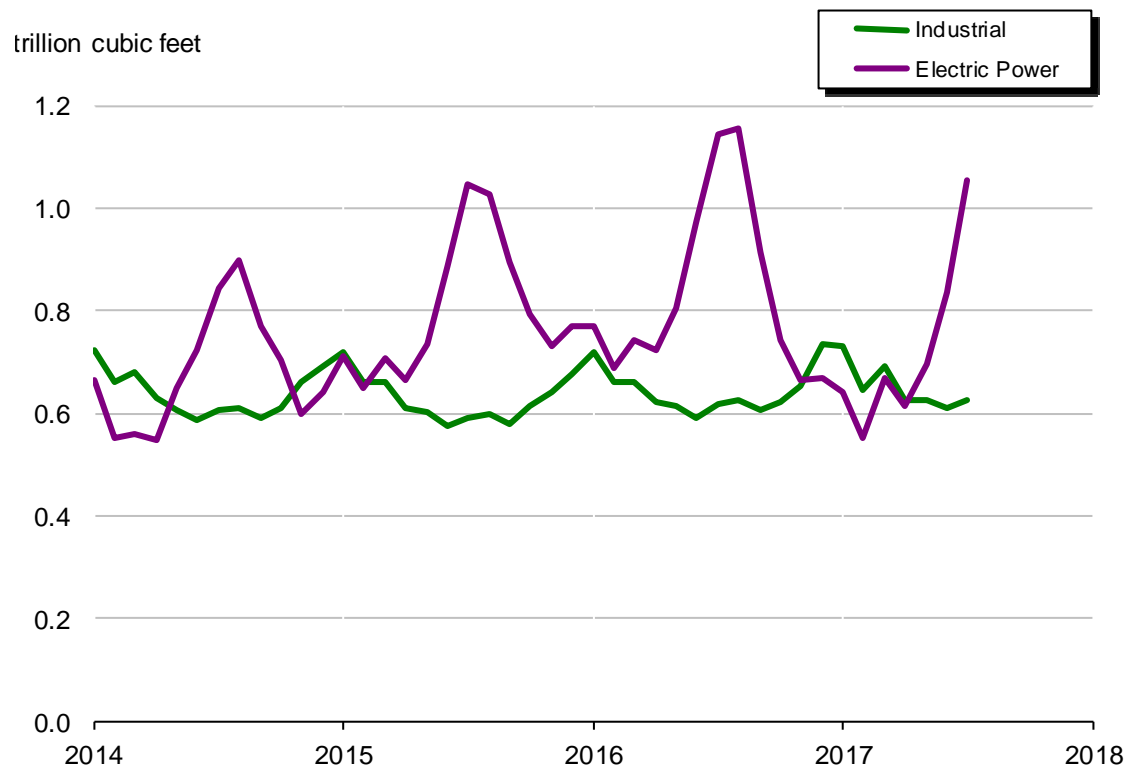
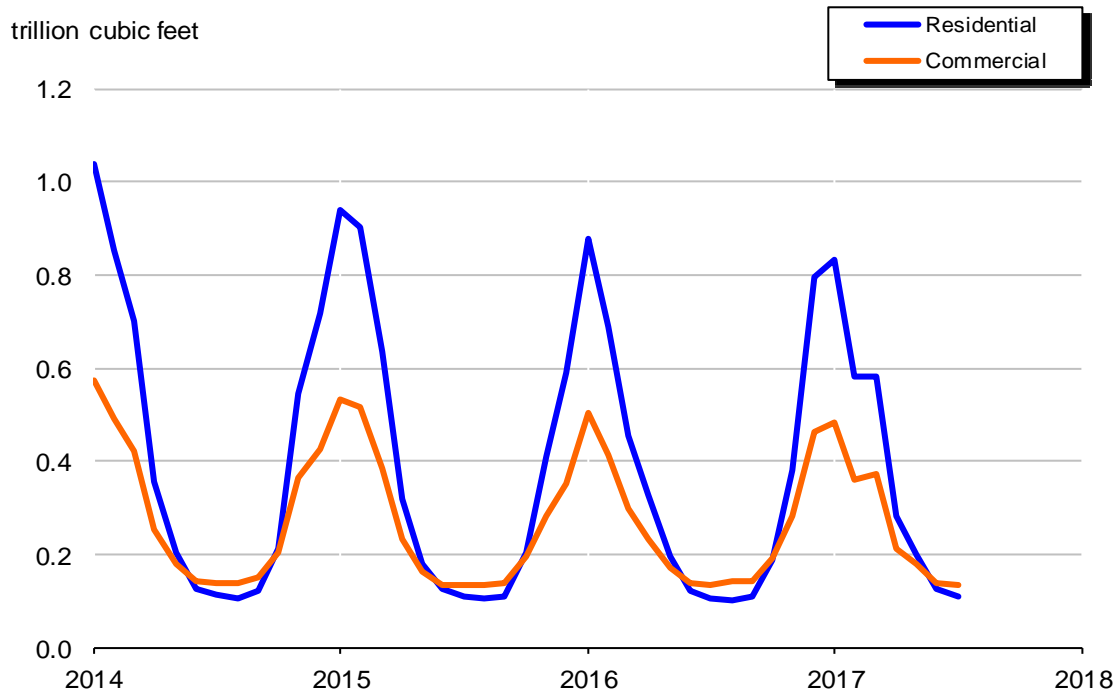
^{RE} Revised estimated data.

Notes: Data for 2012 through 2015 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: 2012-2016: 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 2016*. January 2017 through current month: Form EIA-914, "Monthly 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, 2014-2017



Sources: 2014-2016: 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 2016. January 2017 through current month: Form EIA-857 and Form EIA-923.

Table 3. Selected national average natural gas prices, 2012-2017

(dollars per thousand cubic feet, except where noted)

Year and Month	NGPL Composite Spot Price ^a	Natural Gas Spot Price ^b	Citygate Price	Delivered to Consumers						Electric Power Price ^d
				Residential		Commercial		Industrial		
				Price	% of Total ^c	Price	% of Total ^c	Price	% of Total ^c	
2012 Annual Average	10.98	2.75	4.73	10.65	95.8	8.10	65.2	3.88	16.2	3.54
2013 Annual Average	9.94	3.73	4.88	10.32	95.7	8.08	65.8	4.64	16.6	4.49
2014 Annual Average	9.56	4.37	5.71	10.97	95.5	8.90	65.8	5.62	15.9	5.19
2015										
January	5.08	2.99	4.48	9.50	95.7	8.15	70.8	4.90	14.8	4.31
February	5.70	2.87	4.57	9.08	95.6	7.81	71.0	4.74	15.2	5.02
March	5.52	2.83	4.35	9.28	95.4	7.85	69.9	4.46	15.4	3.71
April	5.58	2.61	3.93	10.43	95.4	8.03	64.8	3.96	14.6	3.24
May	5.25	2.85	4.25	12.73	95.4	8.13	61.2	3.58	15.1	3.28
June	4.78	2.78	4.44	15.07	95.5	8.52	57.9	3.76	14.6	3.25
July	4.73	2.84	4.65	16.28	95.7	8.49	56.9	3.74	14.6	3.23
August	4.42	2.77	4.59	16.88	95.4	8.46	55.6	3.79	14.3	3.23
September	4.89	2.66	4.56	16.40	95.8	8.43	55.8	3.65	14.5	3.20
October	4.95	2.34	4.00	12.60	95.5	7.79	59.5	3.54	14.7	3.04
November	4.72	2.09	3.69	10.02	96.0	7.39	63.8	3.28	14.8	2.78
December	4.23	1.93	3.75	9.27	96.0	7.23	67.6	3.48	14.9	2.72
Annual Average	4.97	2.62	4.26	10.38	95.6	7.91	65.7	3.93	14.8	3.38
2016										
January	3.69	2.28	3.39	8.28	96.0	6.75	70.4	3.62	15.2	3.17
February	3.89	1.99	3.48	8.36	95.8	6.86	69.4	3.64	15.3	2.83
March	4.48	1.73	3.49	9.19	95.6	7.08	66.7	3.05	15.3	2.33
April	4.65	1.92	3.22	9.65	95.6	6.98	65.0	3.01	14.5	2.52
May	5.11	1.92	3.44	11.62	95.4	7.32	60.2	2.90	14.6	2.49
June	5.25	2.59	3.84	14.43	95.7	7.72	58.0	2.89	14.6	2.77
July	4.92	2.82	4.42	16.55	95.9	8.14	56.9	3.58	14.2	3.07
August	4.94	2.82	4.33	17.60	95.8	8.30	54.7	3.59	14.6	3.07
September	5.25	2.99	4.60	16.78	96.0	8.27	56.2	3.74	14.6	3.19
October	6.05	2.98	4.19	13.74	95.9	7.96	59.9	3.88	14.4	3.24
November	5.45	2.55	3.90	10.77	96.0	7.67	63.5	3.87	14.5	3.14
December	6.66	3.59	3.96	9.06	96.0	7.27	68.2	4.32	14.7	4.16
Annual Average	5.04	2.52	3.71	10.05	95.8	7.28	64.8	3.52	14.7	2.99
2017										
January	6.77	3.30	4.21	9.38	96.0	7.59	70.5	4.91	15.0	4.32
February	7.25	2.85	4.13	10.06	95.9	7.90	69.1	4.62	15.0	3.74
March	5.91	2.88	3.83	9.90	95.7	7.68	67.9	4.03	14.9	3.52
April	6.25	3.10	4.17	11.39	95.3	8.09	65.1	4.18	14.5	3.49
May	6.14	3.15	4.39	13.18	95.6	8.32	61.1	4.08	13.8	3.62
June	5.73	2.97	4.75	15.96	94.5	8.76	58.0	4.10	14.4	3.41
July	6.27	2.98	4.63	17.75	95.8	8.90	56.9	3.96	14.5	3.32
2017 7-Month YTD	6.31	3.04	4.18	10.80	95.7	7.95	66.2	4.29	14.6	3.60
2016 7-Month YTD	4.59	2.17	3.50	9.48	95.8	7.06	66.0	3.26	14.8	2.76
2015 7-Month YTD	5.23	2.82	4.41	10.08	95.5	8.03	67.4	4.20	14.9	3.66

^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 Thompson Reuters. 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.

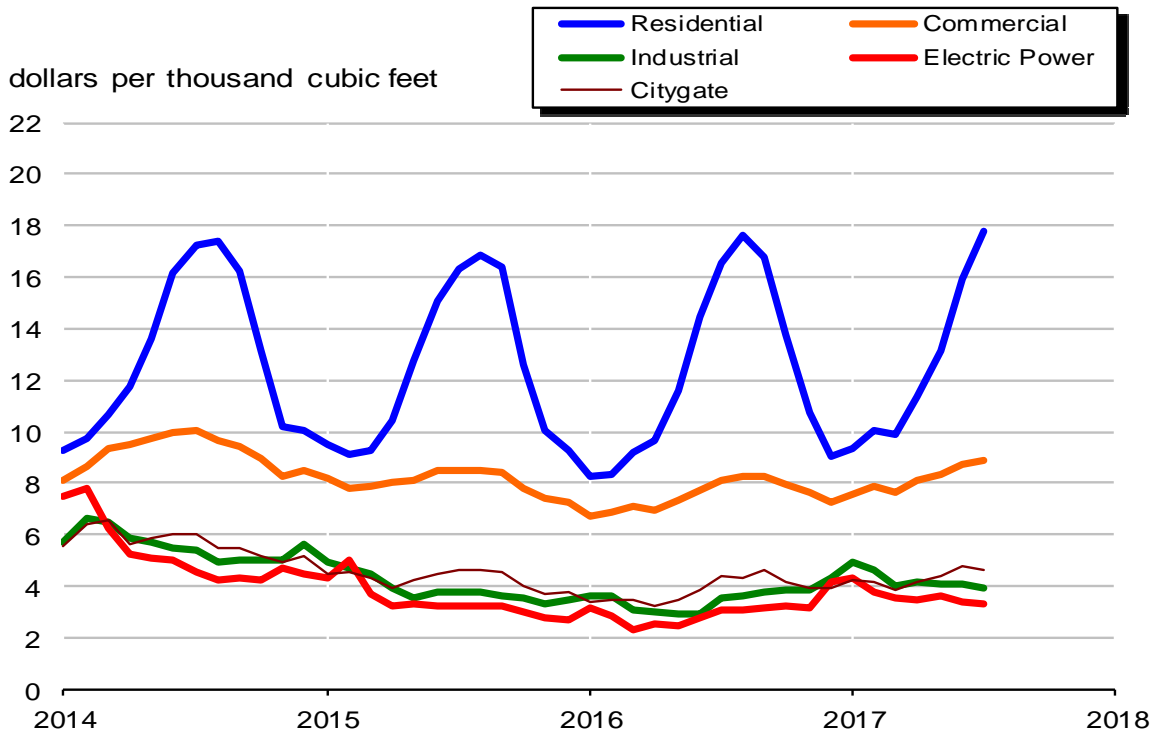
^d The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Data include nonregulated members of the electric power sector.

^R Revised data.

Notes: Prices are in nominal dollars. Data for 2012 through 2015 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: 2012-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*. January 2017 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; Thompson Reuters; and EIA estimates.

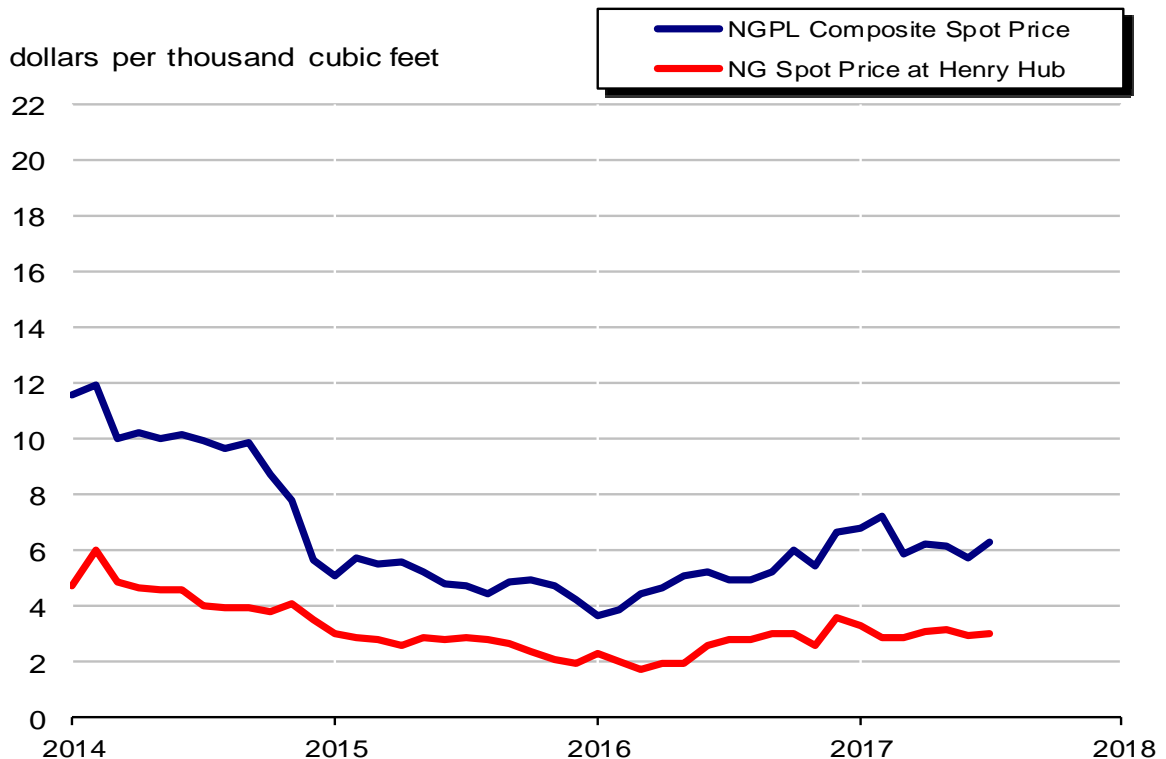
Figure 3. Average citygate and consumer prices of natural gas in the United States, 2014-2017



Note: Prices are in nominal dollars.

Sources: 2014-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*. January 2017 through current month: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-910, "Monthly Natural Gas Marketer Survey"; and Form EIA-923, "Power Plant Operations Report."

Figure 4. Spot prices of natural gas and natural gas plant liquids in the United States, 2014-2017



Note: Prices are in nominal dollars.

Sources: Energy Information Administration (EIA), Form EIA-816, "Monthly Natural Gas Liquids Report"; Bloomberg; Thomson Reuters; and EIA estimates.

Table 4. U.S. natural gas imports, 2015-2017

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

	2017 7-Month YTD	2016 7-Month YTD	2015 7-Month YTD	July	June	May	April	2017 March
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	1,750,890	1,708,251	1,570,051	245,212	234,061	238,527	232,998	275,573
Mexico	554	515	548	80	78	78	79	83
Total Pipeline Imports	1,751,444	1,708,766	1,570,599	245,292	234,140	238,604	233,077	275,656
LNG								
By Truck								
Canada	866	653	201	215	212	220	186	8
By Vessel								
Nigeria	2,753	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0	0
Trinidad/Tobago	44,181	53,069	45,189	4,974	5,425	5,275	4,985	4,870
Yemen	0	0	7,441	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total LNG Imports	47,800	53,722	52,830	5,189	5,637	5,494	5,171	4,878
CNG								
Canada	209	193	186	27	29	28	31	34
Total CNG Imports	209	193	186	27	29	28	31	34
Total Imports	1,799,453	1,762,681	1,623,615	250,508	239,805	244,126	238,279	280,567
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.69	1.88	3.18	2.31	2.51	2.59	2.53	2.57
Mexico	2.74	1.41	1.87	2.62	2.77	2.62	2.64	2.27
Total Pipeline Imports	2.69	1.88	3.18	2.31	2.51	2.59	2.53	2.57
LNG								
By Truck								
Canada	8.75	8.10	9.10	8.78	8.91	8.88	8.49	7.05
By Vessel								
Nigeria	5.82	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--
Trinidad/Tobago	4.58	4.05	8.19	3.21	3.37	3.65	3.56	4.34
Yemen	--	--	9.10	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
Total LNG Imports	4.73	4.10	8.32	3.44	3.58	3.86	3.74	4.35
CNG								
Canada	3.72	2.19	5.27	1.19	1.64	1.86	1.76	1.91
Total CNG Imports	3.72	2.19	5.27	1.19	1.64	1.86	1.76	1.91
Total Imports	2.87	2.07	3.62	2.40	2.62	2.70	2.64	2.68
Net Imports - Volume	-2,160	498,666	623,570	2,080	-13,517	-9,737	-8,973	8,724

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2015-2017

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

	2017							2016
	February	January	Total	December	November	October	September	August
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	245,928	278,590	2,916,856	271,845	221,866	225,588	235,512	253,793
Mexico	74	83	917	64	83	83	82	90
Total Pipeline Imports	246,002	278,673	2,917,774	271,910	221,949	225,671	235,594	253,883
LNG								
By Truck								
Canada	8	18	924	16	41	58	72	84
By Vessel								
Nigeria	0	2,753	0	0	0	0	0	0
Norway	0	0	3,253	0	3,253	0	0	0
Trinidad/Tobago	8,468	10,183	84,190	8,838	5,779	5,696	2,810	7,998
Yemen	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total LNG Imports	8,477	12,955	88,367	8,854	9,073	5,753	2,882	8,082
CNG								
Canada	26	35	299	27	22	25	15	17
Total CNG Imports	26	35	299	27	22	25	15	17
Total Imports	254,504	291,663	3,006,439	280,791	231,044	231,449	238,491	261,983
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.81	3.41	2.18	3.31	2.41	2.50	2.42	2.29
Mexico	2.94	3.29	1.85	2.56	2.34	2.50	2.43	2.27
Total Pipeline Imports	2.81	3.41	2.18	3.31	2.41	2.50	2.42	2.29
LNG								
By Truck								
Canada	7.22	9.12	8.07	7.51	7.92	7.93	8.04	8.11
By Vessel								
Nigeria	--	5.82	--	--	--	--	--	--
Norway	--	--	3.12	--	3.12	--	--	--
Trinidad/Tobago	6.39	5.48	4.06	4.62	5.96	3.05	3.13	3.17
Yemen	--	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
Total LNG Imports	6.39	5.56	4.07	4.63	4.95	3.10	3.25	3.23
CNG								
Canada	6.07	10.64	1.97	3.24	0.97	0.72	1.22	1.20
Total CNG Imports	6.07	10.64	1.97	3.24	0.97	0.72	1.22	1.20
Total Imports	3.14	3.75	2.24	3.50	2.70	2.59	2.47	2.42
Net Imports - Volume	-534	19,795	670,991	29,955	3,125	54,983	36,505	47,757

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2015-2017

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

	July	June	May	April	March	February	2016 January	2015 Total
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	259,132	234,145	243,017	236,451	232,095	241,948	261,462	2,625,359
Mexico	92	83	72	71	69	70	59	933
Total Pipeline Imports	259,224	234,229	243,088	236,522	232,164	242,019	261,521	2,626,291
LNG								
By Truck								
Canada	70	118	113	74	65	116	97	437
By Vessel								
Nigeria	0	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0	12,194
Trinidad/Tobago	5,703	7,520	5,087	4,693	8,503	9,612	11,951	71,439
Yemen	0	0	0	0	0	0	0	7,441
Other	0	0	0	0	0	0	0	0
Total LNG Imports	5,773	7,638	5,200	4,767	8,568	9,728	12,048	91,511
CNG								
Canada	25	19	29	28	33	29	30	291
Total CNG Imports	25	19	29	28	33	29	30	291
Total Imports	265,022	241,885	248,317	241,317	240,764	251,775	273,600	2,718,094
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.26	1.76	1.44	1.51	1.55	2.12	2.42	2.84
Mexico	2.45	1.41	1.10	1.03	0.82	1.22	1.50	1.71
Total Pipeline Imports	2.26	1.76	1.44	1.51	1.55	2.12	2.42	2.84
LNG								
By Truck								
Canada	7.95	7.80	7.72	7.88	8.74	8.58	8.21	8.69
By Vessel								
Nigeria	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	8.56
Trinidad/Tobago	3.15	3.11	3.36	3.23	3.25	5.08	5.45	6.98
Yemen	--	--	--	--	--	--	--	9.10
Other	--	--	--	--	--	--	--	--
Total LNG Imports	3.21	3.18	3.45	3.30	3.29	5.12	5.48	7.37
CNG								
Canada	1.62	0.63	1.10	1.05	1.54	3.27	5.41	4.18
Total CNG Imports	1.62	0.63	1.10	1.05	1.54	3.27	5.41	4.18
Total Imports	2.35	1.90	1.55	1.61	1.73	2.43	2.80	2.99
Net Imports - Volume	76,339	58,872	60,043	63,464	45,849	89,019	105,079	934,581

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2015-2017

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

								2015
	December	November	October	September	August	July	June	May
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	221,550	210,632	217,493	203,066	202,567	209,698	203,583	202,545
Mexico	64	72	83	83	82	80	73	78
Total Pipeline Imports	221,613	210,704	217,576	203,150	202,649	209,779	203,656	202,623
LNG								
By Truck								
Canada	59	45	43	45	44	41	41	34
By Vessel								
Nigeria	0	0	0	0	0	0	0	0
Norway	3,105	3,097	5,992	0	0	0	0	0
Trinidad/Tobago	2,453	4,373	2,653	5,609	11,161	7,133	2,557	1,673
Yemen	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total LNG Imports	5,618	7,515	8,689	5,654	11,205	7,173	2,598	1,707
CNG								
Canada	26	23	21	15	21	21	19	19
Total CNG Imports	26	23	21	15	21	21	19	19
Total Imports	227,257	218,242	226,286	208,818	213,875	216,973	206,273	204,348
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.13	2.19	2.37	2.49	2.51	2.44	2.43	2.44
Mexico	1.22	1.08	1.55	1.65	1.84	1.83	1.88	1.58
Total Pipeline Imports	2.13	2.19	2.37	2.49	2.51	2.44	2.43	2.44
LNG								
By Truck								
Canada	8.12	8.21	8.40	8.36	8.76	8.43	9.03	8.95
By Vessel								
Nigeria	--	--	--	--	--	--	--	--
Norway	2.31	2.13	15.12	--	--	--	--	--
Trinidad/Tobago	6.08	5.63	6.25	6.02	3.43	4.51	6.24	5.98
Yemen	--	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
Total LNG Imports	4.02	4.20	12.38	6.03	3.45	4.53	6.29	6.04
CNG								
Canada	3.78	3.02	1.99	1.14	0.52	0.45	0.79	0.88
Total CNG Imports	3.78	3.02	1.99	1.14	0.52	0.45	0.79	0.88
Total Imports	2.28	2.40	3.23	2.75	2.74	2.66	2.56	2.52
Net Imports - Volume	65,503	62,503	67,768	46,245	68,991	73,153	68,093	70,074

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2015-2017

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

	2015			
	April	March	February	January
Imports				
Volume (million cubic feet)				
Pipeline				
Canada ^a	202,133	242,508	241,917	267,666
Mexico	76	77	79	85
Total Pipeline Imports	202,209	242,585	241,996	267,751
LNG				
By Truck				
Canada	39	46	0	0
By Vessel				
Nigeria	0	0	0	0
Norway	0	0	0	0
Trinidad/Tobago	2,844	11,770	9,830	9,382
Yemen	0	2,834	2,373	2,234
Other	0	0	0	0
Total LNG Imports	2,883	14,651	12,202	11,616
CNG				
Canada	28	38	32	30
Total CNG Imports	28	38	32	30
Total Imports	205,120	257,274	254,230	279,397
Average Price (dollars per thousand cubic feet)				
Pipeline				
Canada	2.39	3.16	4.82	4.01
Mexico	1.64	1.93	1.93	2.24
Total Pipeline Imports	2.39	3.16	4.82	4.01
LNG				
By Truck				
Canada	9.50	9.51	--	--
By Vessel				
Nigeria	--	--	--	--
Norway	--	--	--	--
Trinidad/Tobago	8.29	8.26	9.06	10.90
Yemen	--	7.42	9.41	10.88
Other	--	--	--	--
Total LNG Imports	8.31	8.10	9.13	10.90
CNG				
Canada	2.02	8.55	9.12	8.91
Total CNG Imports	2.02	8.55	9.12	8.91
Total Imports	2.59	3.90	5.46	4.75
Net Imports - Volume	74,792	93,307	109,275	134,875

^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.

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://energy.gov/fe/listings/lng-reports>) 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, 2015-2017

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

	2017	2016	2015	2017				
	7-Month YTD	7-Month YTD	7-Month YTD	July	June	May	April	March
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	557,155	439,388	422,672	59,760	66,725	63,949	80,532	99,489
Mexico	879,882	758,961	563,274	135,068	134,118	129,110	116,027	128,774
Total Pipeline Exports	1,437,038	1,198,349	985,946	194,828	200,844	193,058	196,559	228,263
LNG								
Exports								
By Vessel								
Argentina	16,276	14,471	0	0	2,949	3,192	10,135	0
Barbados	113	19	0	10	16	15	15	20
Brazil	7,317	5,263	0	3,642	0	3,676	0	0
Chile	18,708	16,947	0	3,256	3,657	0	5,894	2,951
China	24,462	3,132	0	7,218	0	3,514	0	0
Dominican Republic	2,934	0	0	0	0	0	0	2,934
Egypt	3,464	0	0	3,464	0	0	0	0
India	10,435	6,461	0	0	3,413	0	0	0
Italy	3,120	0	0	0	3,120	0	0	0
Japan	28,986	0	2,753	0	3,683	3,667	7,398	0
Jordan	18,420	3,566	0	0	0	3,453	0	6,655
Kuwait	20,213	3,610	0	3,410	0	3,281	6,784	3,360
Malta	867	0	0	0	0	0	0	0
Mexico	102,093	0	0	14,432	24,763	10,023	13,730	10,728
Netherlands	3,042	0	0	0	0	3,042	0	0
Pakistan	3,166	0	0	0	0	0	0	3,166
Poland	3,440	0	0	0	0	3,440	0	0
Portugal	12,421	3,700	0	3,662	0	3,625	0	0
South Korea	38,824	0	0	14,238	7,431	6,818	3,295	7,042
Spain	11,984	2,930	0	217	0	0	0	0
Taiwan	2,949	0	5,503	0	0	2,949	0	0
Thailand	3,113	0	0	0	0	0	0	3,113
Turkey	10,923	0	0	0	0	0	0	3,521
United Arab Emirates	13,408	3,391	0	0	0	10,062	3,347	0
United Kingdom	3,410	0	0	0	3,410	0	0	0
By Truck								
Canada	3	2	39	0	0	0	0	3
Mexico	349	178	113	44	19	26	70	61
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Brazil	0	1,290	5,533	0	0	0	0	0
Egypt	0	0	0	0	0	0	0	0
India	0	547	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
Total LNG Exports	364,442	65,508	13,941	53,592	52,462	60,782	50,669	43,553
CNG								
Canada	134	158	158	8	16	23	24	27
Total CNG Exports	134	158	158	8	16	23	24	27
Total Exports	1,801,613	1,264,015	1,000,045	248,428	253,322	253,864	247,251	271,843

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2015-2017

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

	2017		Total	December	November	October	September	2016
	February	January						August
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	87,890	98,811	771,094	97,178	74,544	43,471	61,499	55,012
Mexico	115,089	121,696	1,377,305	111,815	120,378	129,984	123,722	132,446
Total Pipeline Exports	202,979	220,508	2,148,399	208,993	194,922	173,455	185,222	187,458
LNG								
Exports								
By Vessel								
Argentina	0	0	16,661	0	0	0	0	2,190
Barbados	15	22	100	22	18	15	14	11
Brazil	0	0	9,196	0	0	0	0	3,933
Chile	2,950	0	29,405	0	2,940	0	0	9,518
China	10,338	3,391	17,221	6,747	7,341	0	0	0
Dominican Republic	0	0	2,945	0	0	0	0	2,945
Egypt	0	0	3,606	3,606	0	0	0	0
India	3,399	3,623	16,915	0	3,115	0	3,639	3,701
Italy	0	0	3,328	0	3,328	0	0	0
Japan	3,705	10,533	11,137	11,137	0	0	0	0
Jordan	2,945	5,368	9,870	0	0	2,942	3,362	0
Kuwait	3,378	0	7,068	0	0	0	3,458	0
Malta	0	867	0	0	0	0	0	0
Mexico	14,407	14,010	27,470	7,169	13,300	0	3,315	3,686
Netherlands	0	0	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0	0	0
Poland	0	0	0	0	0	0	0	0
Portugal	1,692	3,442	3,700	0	0	0	0	0
South Korea	0	0	10,166	10,166	0	0	0	0
Spain	1,766	10,002	2,930	0	0	0	0	0
Taiwan	0	0	0	0	0	0	0	0
Thailand	0	0	0	0	0	0	0	0
Turkey	7,402	0	8,762	2,936	2,886	0	2,941	0
United Arab Emirates	0	0	3,391	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0	0
By Truck								
Canada	0	0	2	0	0	1	0	0
Mexico	44	85	375	42	48	42	35	30
Re-Exports								
By Vessel								
Argentina	0	0	612	0	0	0	0	612
Brazil	0	0	1,433	0	0	0	0	142
Egypt	0	0	0	0	0	0	0	0
India	0	0	547	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
Total LNG Exports	52,042	51,342	186,841	41,825	32,976	3,000	16,764	26,768
CNG								
Canada	18	19	208	18	22	11	0	0
Total CNG Exports	18	19	208	18	22	11	0	0
Total Exports	255,038	271,868	2,335,448	250,836	227,919	176,466	201,986	214,226

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2015-2017

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

							2016	2015
	July	June	May	April	March	February	January	Total
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	49,750	50,715	62,768	62,931	81,403	62,192	69,629	700,647
Mexico	123,173	115,836	115,606	104,857	103,413	97,234	98,841	1,054,271
Total Pipeline Exports	172,923	166,551	178,375	167,789	184,816	159,426	168,470	1,754,918
LNG								
Exports								
By Vessel								
Argentina	0	8,161	0	6,310	0	0	0	0
Barbados	8	2	1	3	2	2	0	0
Brazil	0	0	0	0	3,270	1,993	0	0
Chile	6,074	4,643	6,230	0	0	0	0	0
China	3,132	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0	0
India	0	3,617	0	0	2,844	0	0	0
Italy	0	0	0	0	0	0	0	0
Japan	0	0	0	0	0	0	0	8,262
Jordan	3,566	0	0	0	0	0	0	0
Kuwait	0	0	3,610	0	0	0	0	0
Malta	0	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0	0	0
Poland	0	0	0	0	0	0	0	0
Portugal	0	0	0	3,700	0	0	0	0
South Korea	0	0	0	0	0	0	0	0
Spain	2,930	0	0	0	0	0	0	0
Taiwan	0	0	0	0	0	0	0	8,257
Thailand	0	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	3,391	0	0	0
United Kingdom	0	0	0	0	0	0	0	0
By Truck								
Canada	0	0	0	0	0	0	2	41
Mexico	28	22	33	23	24	24	25	195
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	1,290	0	5,533
Egypt	0	0	0	0	0	0	0	2,947
India	0	0	0	0	547	0	0	0
Turkey	0	0	0	0	0	0	0	3,145
Total LNG Exports	15,739	16,445	9,874	10,036	10,078	3,309	26	28,381
CNG								
Canada	20	18	25	28	21	22	25	214
Total CNG Exports	20	18	25	28	21	22	25	214
Total Exports	188,682	183,013	188,274	177,853	194,915	162,757	168,521	1,783,512

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2015-2017

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

	2015							
	December	November	October	September	August	July	June	May
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	58,603	61,260	57,430	59,695	40,986	39,995	44,658	44,672
Mexico	99,952	91,490	98,314	100,111	101,131	101,031	90,724	86,805
Total Pipeline Exports	158,555	152,750	155,744	159,806	142,117	141,027	135,382	131,477
LNG								
Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Barbados	0	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0	0
China	0	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0	0
Italy	0	0	0	0	0	0	0	0
Japan	0	0	2,755	0	2,753	2,753	0	0
Jordan	0	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0	0	0
Poland	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0
South Korea	0	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0	0
Taiwan	0	0	0	2,755	0	0	2,754	2,748
Thailand	0	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0	0
By Truck								
Canada	0	1	0	2	0	5	6	6
Mexico	27	21	14	11	10	13	14	15
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0	0
Egypt	0	2,947	0	0	0	0	0	0
India	0	0	0	0	0	0	0	0
Turkey	3,145	0	0	0	0	0	0	0
Total LNG Exports	3,172	2,969	2,769	2,767	2,763	2,771	2,774	2,769
CNG								
Canada	27	20	4	0	5	23	23	28
Total CNG Exports	27	20	4	0	5	23	23	28
Total Exports	161,754	155,739	158,517	162,573	144,885	143,820	138,179	134,274

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2015-2017

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

	2015			
	April	March	February	January
Exports				
Volume (million cubic feet)				
Pipeline				
Canada	53,086	89,639	77,594	73,028
Mexico	77,196	74,286	64,596	68,635
Total Pipeline Exports	130,283	163,925	142,190	141,663
LNG				
Exports				
By Vessel				
Argentina	0	0	0	0
Barbados	0	0	0	0
Brazil	0	0	0	0
Chile	0	0	0	0
China	0	0	0	0
Dominican Republic	0	0	0	0
Egypt	0	0	0	0
India	0	0	0	0
Italy	0	0	0	0
Japan	0	0	0	0
Jordan	0	0	0	0
Kuwait	0	0	0	0
Malta	0	0	0	0
Mexico	0	0	0	0
Netherlands	0	0	0	0
Pakistan	0	0	0	0
Poland	0	0	0	0
Portugal	0	0	0	0
South Korea	0	0	0	0
Spain	0	0	0	0
Taiwan	0	0	0	0
Thailand	0	0	0	0
Turkey	0	0	0	0
United Arab Emirates	0	0	0	0
United Kingdom	0	0	0	0
By Truck				
Canada	6	6	4	6
Mexico	18	17	16	21
Re-Exports				
By Vessel				
Argentina	0	0	0	0
Brazil	0	0	2,728	2,805
Egypt	0	0	0	0
India	0	0	0	0
Turkey	0	0	0	0
Total LNG Exports	24	23	2,748	2,832
CNG				
Canada	21	20	17	27
Total CNG Exports	21	20	17	27
Total Exports	130,328	163,967	144,955	144,522

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2015-2017

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

	2017 7-Month YTD	2016 7-Month YTD	2015 7-Month YTD	2017				
				July	June	May	April	March
Exports								
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	3.22	2.27	3.46	2.90	3.02	3.16	3.19	3.01
Mexico	3.23	2.28	3.00	3.22	3.13	3.20	3.27	2.93
Total Pipeline Exports	3.23	2.28	3.20	3.12	3.10	3.19	3.24	2.97
LNG								
Exports								
By Vessel								
Argentina	4.64	4.47	--	--	3.87	4.77	4.82	--
Barbados	10.40	10.60	--	10.40	10.40	10.40	10.40	10.40
Brazil	4.43	3.72	--	4.23	--	4.63	--	--
Chile	6.12	5.10	--	3.67	6.46	--	6.65	6.26
China	4.48	5.66	--	3.67	--	4.62	--	--
Dominican Republic	5.59	--	--	--	--	--	--	5.59
Egypt	6.26	--	--	6.26	--	--	--	--
India	4.48	4.42	--	--	4.67	--	--	--
Italy	4.38	--	--	--	4.38	--	--	--
Japan	6.86	--	8.08	--	6.99	6.88	6.92	--
Jordan	4.82	5.81	--	--	--	3.76	--	4.42
Kuwait	4.38	3.27	--	4.51	--	4.77	4.19	3.14
Malta	4.70	--	--	--	--	--	--	--
Mexico	5.13	--	--	4.17	4.40	4.67	4.31	5.25
Netherlands	6.35	--	--	--	--	6.35	--	--
Pakistan	3.14	--	--	--	--	--	--	3.14
Poland	4.26	--	--	--	--	4.26	--	--
Portugal	6.70	3.58	--	6.26	--	6.35	--	--
South Korea	4.18	--	--	3.67	3.87	4.88	6.39	3.81
Spain	6.41	4.92	--	6.26	--	--	--	--
Taiwan	4.43	--	7.65	--	--	4.43	--	--
Thailand	3.14	--	--	--	--	--	--	3.14
Turkey	6.17	--	--	--	--	--	--	4.60
United Arab Emirates	3.87	4.18	--	--	--	3.89	3.80	--
United Kingdom	3.87	--	--	--	3.87	--	--	--
By Truck								
Canada	8.39	7.41	12.56	--	--	--	--	8.39
Mexico	9.18	9.71	10.40	8.79	9.04	8.90	8.95	8.64
Re-Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Brazil	--	3.54	15.20	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	3.99	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
Total LNG Exports	5.10	4.58	10.77	4.26	4.61	4.80	5.16	4.47
CNG								
Canada	5.20	3.30	6.06	2.72	3.14	3.39	3.35	3.32
Total CNG Exports	5.20	3.30	6.06	2.72	3.14	3.39	3.35	3.32
Total Exports	3.61	2.40	3.30	3.37	3.41	3.57	3.63	3.21

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2015-2017

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

	2017						2016	
	February	January	Total	December	November	October	September	August
Exports								
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	3.21	3.85	2.60	3.82	2.71	2.72	2.83	2.65
Mexico	3.24	3.66	2.64	3.51	2.75	3.16	3.06	2.92
Total Pipeline Exports	3.23	3.74	2.63	3.65	2.74	3.05	2.99	2.84
LNG								
Exports								
By Vessel								
Argentina	--	--	4.47	--	--	--	--	4.51
Barbados	10.40	10.40	10.12	10.00	10.00	10.00	10.00	10.00
Brazil	--	--	4.39	--	--	--	--	5.29
Chile	7.18	--	5.30	--	5.64	--	--	5.53
China	4.92	4.70	4.16	4.50	3.21	--	--	--
Dominican Republic	--	--	5.41	--	--	--	--	5.41
Egypt	--	--	6.46	6.46	--	--	--	--
India	4.06	4.70	4.92	--	5.74	--	5.00	5.01
Italy	--	--	6.32	--	6.32	--	--	--
Japan	7.18	6.65	3.76	3.76	--	--	--	--
Jordan	4.06	6.41	5.11	--	--	3.52	5.74	--
Kuwait	5.50	--	4.40	--	--	--	5.58	--
Malta	--	4.70	--	--	--	--	--	--
Mexico	6.40	7.15	4.56	4.14	4.64	--	5.53	4.23
Netherlands	--	--	--	--	--	--	--	--
Pakistan	--	--	--	--	--	--	--	--
Poland	--	--	--	--	--	--	--	--
Portugal	7.18	7.29	3.58	--	--	--	--	--
South Korea	--	--	5.75	5.75	--	--	--	--
Spain	7.18	6.28	4.92	--	--	--	--	--
Taiwan	--	--	--	--	--	--	--	--
Thailand	--	--	--	--	--	--	--	--
Turkey	6.91	--	3.53	3.87	3.30	--	3.41	--
United Arab Emirates	--	--	4.18	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--
By Truck								
Canada	--	--	7.50	--	--	7.70	--	--
Mexico	9.97	9.66	9.81	10.20	9.72	10.06	9.78	9.72
Re-Exports								
By Vessel								
Argentina	--	--	4.51	--	--	--	--	4.51
Brazil	--	--	3.64	--	--	--	--	4.57
Egypt	--	--	--	--	--	--	--	--
India	--	--	3.99	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
Total LNG Exports	5.99	6.44	4.71	4.68	4.58	3.65	5.11	5.13
CNG								
Canada	7.73	12.97	3.30	4.72	2.55	2.53	--	--
Total CNG Exports	7.73	12.97	3.30	4.72	2.55	2.53	--	--
Total Exports	3.79	4.25	2.79	3.82	3.00	3.06	3.16	3.13

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2015-2017

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

							2016	2015
	July	June	May	April	March	February	January	Total
Exports								
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.73	2.23	1.98	2.07	1.99	2.34	2.66	3.15
Mexico	2.80	2.46	2.06	2.03	1.88	2.20	2.45	2.81
Total Pipeline Exports	2.78	2.39	2.03	2.04	1.93	2.26	2.54	2.95
LNG								
Exports								
By Vessel								
Argentina	--	4.71	--	4.16	--	--	--	--
Barbados	10.00	10.00	10.00	10.00	15.19	10.00	--	--
Brazil	--	--	--	--	3.83	3.54	--	--
Chile	5.82	4.69	4.72	--	--	--	--	--
China	5.66	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	4.77	--	--	3.98	--	--	--
Italy	--	--	--	--	--	--	--	--
Japan	--	--	--	--	--	--	--	7.50
Jordan	5.81	--	--	--	--	--	--	--
Kuwait	--	--	3.27	--	--	--	--	--
Malta	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--
Pakistan	--	--	--	--	--	--	--	--
Poland	--	--	--	--	--	--	--	--
Portugal	--	--	--	3.58	--	--	--	--
South Korea	--	--	--	--	--	--	--	--
Spain	4.92	--	--	--	--	--	--	--
Taiwan	--	--	--	--	--	--	--	7.49
Thailand	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	4.18	--	--	--
United Kingdom	--	--	--	--	--	--	--	--
By Truck								
Canada	--	--	--	--	--	--	7.41	12.36
Mexico	9.76	9.43	9.67	8.99	8.96	10.16	10.96	10.44
Re-Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	3.54	--	15.20
Egypt	--	--	--	--	--	--	--	16.71
India	--	--	--	--	3.98	--	--	--
Turkey	--	--	--	--	--	--	--	15.99
Total LNG Exports	5.63	4.72	4.21	3.96	4.01	3.59	10.74	10.92
CNG								
Canada	3.88	2.80	3.22	2.58	3.05	2.42	5.09	5.73
Total CNG Exports	3.88	2.80	3.22	2.58	3.05	2.42	5.09	5.73
Total Exports	3.02	2.60	2.15	2.15	2.04	2.28	2.54	3.07

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2015-2017

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

								2015
	December	November	October	September	August	July	June	May
Exports								
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.30	2.50	2.76	2.97	2.97	2.84	2.85	2.85
Mexico	2.30	2.26	2.61	2.77	3.00	3.01	2.94	2.86
Total Pipeline Exports	2.30	2.36	2.66	2.84	2.99	2.96	2.91	2.85
LNG								
Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--
Japan	--	--	6.51	--	7.90	8.08	--	--
Jordan	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--
Malta	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--
Pakistan	--	--	--	--	--	--	--	--
Poland	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--
South Korea	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--
Taiwan	--	--	--	7.16	--	--	7.80	7.50
Thailand	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--
By Truck								
Canada	--	6.81	--	10.18	--	13.39	12.01	12.14
Mexico	10.90	10.59	10.48	9.81	9.94	9.96	10.01	9.96
Re-Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--
Egypt	--	16.71	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Turkey	15.99	--	--	--	--	--	--	--
Total LNG Exports	15.95	16.67	6.53	7.17	7.91	8.10	7.82	7.53
CNG								
Canada	5.46	4.80	3.42	--	2.08	2.91	2.44	2.37
Total CNG Exports	5.46	4.80	3.42	--	2.08	2.91	2.44	2.37
Total Exports	2.57	2.63	2.73	2.92	3.09	3.06	3.01	2.95

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2015-2017

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

	2015			
	April	March	February	January
Exports				
Average Price (dollars per thousand cubic feet)				
Pipeline				
Canada	2.91	3.71	4.39	3.63
Mexico	2.77	3.03	3.10	3.38
Total Pipeline Exports	2.83	3.40	3.81	3.51
LNG				
Exports				
By Vessel				
Argentina	--	--	--	--
Barbados	--	--	--	--
Brazil	--	--	--	--
Chile	--	--	--	--
China	--	--	--	--
Dominican Republic	--	--	--	--
Egypt	--	--	--	--
India	--	--	--	--
Italy	--	--	--	--
Japan	--	--	--	--
Jordan	--	--	--	--
Kuwait	--	--	--	--
Malta	--	--	--	--
Mexico	--	--	--	--
Netherlands	--	--	--	--
Pakistan	--	--	--	--
Poland	--	--	--	--
Portugal	--	--	--	--
South Korea	--	--	--	--
Spain	--	--	--	--
Taiwan	--	--	--	--
Thailand	--	--	--	--
Turkey	--	--	--	--
United Arab Emirates	--	--	--	--
United Kingdom	--	--	--	--
By Truck				
Canada	11.88	12.77	12.77	13.27
Mexico	10.03	10.52	10.62	11.27
Re-Exports				
By Vessel				
Argentina	--	--	--	--
Brazil	--	--	12.89	17.44
Egypt	--	--	--	--
India	--	--	--	--
Turkey	--	--	--	--
Total LNG Exports	10.53	11.10	12.87	17.39
CNG				
Canada	3.35	10.08	10.53	11.89
Total CNG Exports	3.35	10.08	10.53	11.89
Total Exports	2.83	3.41	3.98	3.78

-- 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://energy.gov/fe/listings/lng-reports>) 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, 2012-2017

(million cubic feet)

Year and Month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
2012 Total	3,164,791	1,146,168	246,822	1,709,376	296,299	2,955,437	66,954	1,276,296	258,568	84,482
2013 Total	3,215,358	1,139,654	252,310	1,604,860	292,467	2,366,943	63,242	1,247,394	345,787	166,017
2014 Total	3,168,545	1,122,733	238,988	1,643,487	286,480	1,968,618	59,160	1,266,379	463,216	512,371
2015										
January	291,928	90,125	21,912	140,869	27,172	153,547	5,016	103,336	45,741	67,682
February	254,488	78,244	20,022	129,576	24,407	141,691	4,577	97,979	41,448	61,132
March	299,987	88,895	21,299	143,078	26,629	157,397	5,016	110,018	47,329	67,682
April	284,701	87,268	20,597	138,665	23,219	153,429	4,865	107,823	46,025	77,407
May	261,374	89,391	21,197	141,803	23,808	157,008	5,022	112,030	50,375	79,988
June	223,007	84,124	19,568	138,658	22,962	145,892	4,819	107,761	49,649	77,407
July	221,334	85,281	19,225	141,637	23,434	152,212	5,037	109,801	51,399	87,799
August	204,070	83,696	19,466	145,033	23,490	151,668	4,883	113,047	50,978	87,799
September	261,160	81,253	18,394	138,475	22,510	150,117	4,711	110,716	48,122	84,966
October	279,437	82,974	18,535	146,290	23,066	151,997	4,914	113,223	51,373	106,279
November	289,760	78,977	18,003	141,028	21,731	146,069	4,677	108,782	50,340	102,851
December	304,055	80,153	18,431	143,621	21,757	152,205	4,703	102,277	51,854	106,279
Total	3,175,301	1,010,382	236,648	1,688,733	284,184	1,813,232	58,240	1,296,793	584,632	1,007,270
2016										
January	298,815	77,597	18,222	144,385	21,484	152,596	4,617	102,077	50,910	116,601
February	273,298	71,660	16,831	133,673	19,989	144,080	4,316	98,322	49,055	109,078
March	295,235	74,250	17,699	142,802	21,377	148,825	4,585	109,592	53,093	116,601
April	246,130	70,509	16,358	139,137	20,320	150,626	4,413	106,067	48,918	114,453
May	269,206	71,560	18,102	144,657	20,886	147,873	4,506	108,846	51,007	118,268
June	233,815	67,078	16,791	136,813	19,740	139,677	4,267	105,571	49,984	114,453
July	239,442	68,014	17,456	142,734	20,517	153,351	4,374	109,518	52,667	126,044
August	250,330	66,946	17,328	146,011	20,312	142,598	4,124	111,555	50,848	126,044
September	249,275	63,995	16,728	140,186	20,802	142,785	4,161	108,091	48,398	121,978
October	271,920	65,706	16,891	145,883	19,826	146,371	4,335	110,002	53,311	126,825
November	293,978	62,827	16,194	141,394	18,435	137,719	4,258	107,031	52,872	122,734
December	308,524	63,081	16,424	144,060	19,769	145,766	4,170	108,026	47,768	126,825
Total	3,229,96	823,223	205,024	1,701,735	243,459	1,752,269	52,125	1,284,698	608,832	1,439,905
2017										
January	301,506	65,622	17,262	143,020	19,255	152,924	4,050	105,047	48,508	132,523
February	275,044	59,704	15,322	130,148	17,565	144,401	3,718	97,492	47,993	122,279
March	308,109	61,907	16,909	142,549	19,215	165,872	4,050	109,033	54,226	131,234
April	286,950	59,935	16,607	136,337	18,233	157,147	3,963	107,907	55,399	130,878
May	286,688	61,145	17,293	138,439	18,516	164,615	4,128	112,597	57,699	134,785
June	248,820	58,477	16,850	134,205	18,353	170,763	3,991	108,499	55,732	139,244
July	205,716	62,354	17,419	140,513	18,940	181,385	4,111	112,383	58,680	156,167
2017 7-Month YTD	1,912,833	429,145	117,662	965,211	130,077	1,137,107	28,011	752,960	378,236	947,109
2016 7-Month YTD	1,855,942	500,667	121,458	984,201	144,315	1,037,029	31,078	739,993	355,634	815,497
2015 7-Month YTD	1,836,820	603,329	143,820	974,286	171,630	1,061,177	34,352	748,747	331,966	519,096

See footnotes at end of table.

Table 6. Gross withdrawals of natural gas in selected states and the Federal Gulf of Mexico, 2012-2017

(million cubic feet) – continued

Year and Month	Oklahoma	Pennsylvania	Texas	Utah	West Virginia	Wyoming	Other States	Federal Gulf of Mexico	U.S. Total
2012 Total	2,023,461	2,256,696	8,143,510	490,393	539,860	2,225,622	1,129,702	1,527,875	29,542,313
2013 Total	1,993,754	3,259,042	8,299,472	470,863	741,853	2,047,757	689,082	1,326,697	29,522,551
2014 Total	2,331,086	4,257,693	8,659,188	454,545	1,067,114	1,998,505	631,536	1,275,738	31,405,381
2015									
January	206,817	408,019	R741,599	R37,062	R110,271	R178,061	R53,214	R107,681	R2,790,052
February	186,741	370,836	R681,889	R33,962	R99,105	R151,128	R47,912	R95,373	R2,520,509
March	216,067	413,155	R758,560	R39,205	R113,858	R170,497	R51,938	R96,915	R2,827,524
April	209,983	392,752	R737,351	R37,609	R111,323	R167,277	R50,048	R108,387	R2,758,730
May	214,639	391,332	R754,727	R38,022	R118,474	R167,304	R51,583	R112,773	R2,790,849
June	211,079	376,856	R728,514	R36,200	R111,890	R164,163	R50,864	R106,744	R2,660,158
July	217,883	401,777	R754,259	R36,152	R111,602	R167,442	R51,863	R118,085	R2,756,222
August	213,529	409,771	R749,458	R32,688	R114,734	R168,011	R51,915	R120,511	R2,744,748
September	204,298	398,110	R725,565	R30,658	R111,675	R163,194	R50,133	R117,390	R2,721,449
October	209,342	407,234	R739,568	R31,148	R108,349	R168,674	R51,591	R112,082	R2,806,078
November	201,517	409,344	R709,572	R30,470	R97,462	R163,878	R49,369	R102,391	R2,726,220
December	207,703	433,795	R718,403	R33,843	R106,504	R166,291	R50,926	R109,310	R2,812,110
Total	2,499,599	4,812,983	R8,799,465	R417,020	R1,315,248	R1,995,920	R611,356	R1,307,641	R32,914,647
2016									
January	214,000	R450,922	R708,909	R33,693	114,272	R163,252	R49,962	R106,112	R2,828,428
February	201,258	R433,902	R665,272	R30,758	108,093	R150,993	R47,296	R98,278	R2,656,151
March	214,561	R452,300	R709,251	R32,962	112,282	R163,979	R50,258	R108,373	R2,828,024
April	203,524	R434,079	R681,995	R31,448	110,827	R155,671	R47,212	R98,924	R2,680,613
May	211,836	R461,572	R701,425	R31,673	114,948	R153,542	R48,932	R107,842	R2,786,681
June	202,081	R439,006	R679,161	R29,665	104,295	R152,482	R46,178	R95,084	R2,636,140
July	210,617	R447,965	R695,856	R30,310	119,222	R143,848	R47,887	R100,667	R2,730,488
August	211,218	R441,382	R691,089	R30,265	119,208	R145,507	R47,558	R103,426	R2,725,751
September	202,202	R422,298	652,653	R28,814	114,934	R151,793	R46,095	R94,916	R2,630,104
October	206,225	R425,641	668,817	R29,150	118,134	R160,068	R47,174	R101,986	R2,718,264
November	195,366	R439,688	638,439	R27,742	116,078	R152,693	R45,985	R99,189	R2,672,624
December	195,424	R464,502	640,971	R28,185	122,817	R154,317	R46,387	R105,226	R2,742,243
Total	2,468,312	R5,313,258	R8,133,837	R364,665	1,375,108	R1,848,145	R570,925	R1,220,022	R32,635,511
2017									
January	E193,927	E461,677	E642,478	E27,708	E123,989	E141,236	RE46,615	E105,934	RE2,733,281
February	E179,163	E419,527	E593,768	E25,035	E112,378	E130,019	RE41,766	E93,871	RE2,509,192
March	E207,995	E459,647	E648,931	E27,670	E126,645	E144,709	RE45,844	E105,746	RE2,780,292
April	RE203,362	E447,620	RE632,883	E26,517	E121,705	E141,143	RE43,986	E93,758	RE2,684,332
May	RE207,889	RE457,732	RE665,833	RE27,345	E131,952	RE141,295	RE45,363	RE99,129	RE2,772,441
June	RE202,826	RE443,025	RE649,942	RE25,972	RE130,102	RE141,292	RE43,193	RE90,797	RE2,682,083
July	E212,505	E458,357	E679,443	E26,046	E138,201	E144,540	E42,391	E91,004	E2,750,157
2017 7-Month YTD	E1,407,667	E3,147,585	E4,513,278	E186,295	E884,971	E984,233	E309,158	E680,240	E18,911,778
2016 7-Month YTD	1,457,878	3,119,747	4,841,869	220,509	783,938	1,083,767	337,725	715,279	19,146,525
2015 7-Month YTD	1,463,209	2,754,728	5,156,900	258,211	776,524	1,165,872	357,423	745,958	19,104,044

R Revised data.

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 survey. The "Other States" category comprises states/areas not individually collected on the EIA-914 survey (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 2017, 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 survey 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: 2012-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*, Bureau of Safety and Environmental Enforcement (BSEE), PointLogic Energy, Ventyx, and BENTEK Energy. January 2017 through current month: Form EIA-914, "Monthly Crude Oil, 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, 2012-2017
(million cubic feet)

Year and Month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
2012 Total	351,259	1,146,168	246,822	1,709,376	296,299	2,955,437	66,954	1,215,773	172,242	84,482
2013 Total	338,182	1,139,654	252,310	1,604,860	292,467	2,360,202	63,242	1,171,640	235,711	166,017
2014 Total	345,310	1,122,733	238,988	1,643,487	286,480	1,960,813	59,160	1,229,519	326,491	512,371
2015										
January	31,439	90,125	21,912	140,869	27,172	152,965	4,306	99,852	34,895	67,682
February	27,510	78,244	20,022	129,576	24,407	141,110	3,881	94,651	32,920	61,132
March	30,523	88,895	21,299	143,078	26,629	156,690	4,298	105,693	37,316	67,682
April	29,759	87,268	20,597	138,665	23,219	152,756	4,207	103,212	37,409	77,407
May	29,124	89,391	21,197	141,803	23,808	156,312	4,368	107,073	40,719	79,988
June	26,000	84,124	19,568	138,658	22,962	145,136	4,274	102,930	40,005	77,407
July	26,682	85,281	19,225	141,637	23,434	151,526	4,523	104,436	40,606	87,799
August	25,176	83,696	19,466	145,033	23,490	151,056	4,361	107,681	39,897	87,799
September	27,600	81,253	18,394	138,475	22,510	149,515	4,206	106,667	38,652	84,966
October	29,182	82,974	18,535	146,290	23,066	151,322	4,468	109,328	43,497	106,279
November	29,690	89,977	18,003	141,028	21,731	145,424	4,169	104,847	41,867	102,851
December	30,941	80,153	18,431	143,621	21,757	151,385	4,294	98,775	43,579	106,279
Total	343,625	1,010,382	236,648	1,688,733	284,184	1,805,197	51,356	1,245,145	471,360	1,007,270
2016										
January	30,686	77,597	18,222	144,385	21,484	151,821	4,208	98,350	43,619	116,601
February	28,434	71,660	16,831	133,673	19,989	143,518	3,917	94,865	42,962	109,078
March	29,898	74,250	17,699	142,802	21,377	148,098	4,213	106,173	47,263	116,601
April	26,258	70,509	16,358	139,137	20,320	149,851	4,081	102,922	44,024	114,453
May	27,088	71,560	18,102	144,657	20,886	147,088	4,084	105,618	44,691	118,268
June	24,882	67,078	16,791	136,813	19,740	138,875	3,986	102,475	44,296	114,453
July	25,025	68,014	17,456	142,734	20,517	152,589	4,045	106,650	46,329	126,044
August	24,918	66,946	17,328	146,011	20,312	141,844	3,617	109,026	44,343	126,044
September	24,970	63,995	16,728	140,186	20,802	142,042	3,769	105,907	42,229	121,978
October	28,546	65,706	16,891	145,883	19,826	145,631	3,991	109,076	44,893	126,825
November	35,778	62,827	16,194	141,394	18,435	136,943	3,975	104,488	46,642	122,734
December	31,612	63,081	16,424	144,060	19,769	144,959	3,921	105,464	40,598	126,825
Total	338,095	823,223	205,024	1,701,735	243,459	1,743,259	47,807	1,251,013	531,889	1,439,905
2017										
January	31,023	65,622	17,262	143,020	19,255	152,236	4,050	100,436	40,456	132,523
February	28,145	59,704	15,322	130,148	17,565	143,751	3,718	93,212	40,026	122,279
March	31,344	61,907	16,909	142,549	19,215	165,126	4,050	104,247	45,224	131,234
April	30,373	59,935	16,607	136,337	18,233	156,440	3,963	103,170	46,203	130,878
May	30,399	61,145	17,293	138,439	18,516	163,874	4,128	107,654	48,121	134,785
June	27,509	58,477	16,850	134,205	18,353	169,995	3,991	103,736	46,481	139,244
July	24,025	62,354	17,419	140,513	18,940	180,568	4,111	107,450	48,939	156,167
2017 7-Month YTD	202,817	429,145	117,662	965,211	130,077	1,131,990	28,011	719,905	315,449	947,109
2016 7-Month YTD	192,270	500,667	121,458	984,201	144,315	1,031,840	28,534	717,053	313,184	815,497
2015 7-Month YTD	201,036	603,329	143,820	974,286	171,630	1,056,495	29,857	717,847	263,868	519,096

See footnotes at end of table.

Table 7. Marketed production of natural gas in selected states and the Federal Gulf of Mexico, 2012-2017

(million cubic feet) – continued

Year and Month	Oklahoma	Pennsylvania	Texas	Utah	West Virginia	Wyoming	Other States	Federal Gulf of Mexico	U.S. Total
2012 Total	2,023,461	2,256,696	7,475,495	490,393	539,860	2,022,275	722,721	1,507,564	25,283,278
2013 Total	1,993,754	3,259,042	7,633,618	470,863	741,853	1,858,207	671,364	1,309,246	25,562,232
2014 Total	2,331,086	4,257,693	7,985,019	454,545	1,067,114	1,794,413	628,854	1,253,678	27,497,754
2015									
January	206,817	408,019	R666,792	R37,062	R110,271	R162,702	R51,564	R105,908	R2,420,352
February	186,741	370,836	R615,252	R33,962	R99,105	R137,164	R46,428	R94,048	R2,196,987
March	216,067	413,155	R678,110	R39,205	R113,858	R154,586	R50,405	R95,632	R2,443,119
April	209,983	392,752	R665,298	R37,609	R111,323	R151,397	R48,479	R107,100	R2,398,440
May	214,639	391,332	R674,199	R38,022	R118,474	R150,918	R49,984	R111,365	R2,442,713
June	211,079	376,856	R657,920	R36,200	R111,890	R148,776	R49,267	R105,365	R2,358,416
July	217,883	401,777	R673,973	R36,152	R111,602	R151,349	R50,213	R116,654	R2,444,753
August	213,529	409,771	R667,422	R32,688	R114,734	R152,364	R50,234	R119,136	R2,447,534
September	204,298	398,110	R654,404	R30,658	R111,675	R147,401	R48,523	R116,224	R2,383,531
October	209,342	407,234	R660,397	R31,148	R108,349	R152,745	R49,991	R110,894	R2,445,042
November	201,517	409,344	R630,975	R30,470	R97,462	R148,602	R47,893	R101,386	R2,356,237
December	207,703	433,795	R645,718	R33,843	R106,504	R150,515	R49,392	R108,235	R2,434,920
Total	2,499,599	4,812,983	R7,890,459	R417,020	R1,315,248	R1,808,519	R592,373	R1,291,945	R28,772,044
2016									
January	214,000	R450,922	R621,895	R33,693	114,272	R147,540	R48,697	R104,894	R2,442,885
February	201,258	R433,902	R594,949	R30,758	108,093	R137,354	R46,203	R97,179	R2,314,623
March	214,561	R452,300	R623,228	R32,962	112,282	R148,539	R49,086	R107,359	R2,448,690
April	203,524	R434,079	R612,801	R31,448	110,827	R141,626	R46,163	R97,916	R2,366,297
May	211,836	R461,572	R618,225	R31,673	114,948	R138,412	R47,849	R106,892	R2,433,449
June	202,081	R439,006	R602,560	R29,665	104,295	R136,951	R45,212	R93,696	R2,322,854
July	210,617	R447,965	R627,045	R30,310	119,222	R130,313	R46,882	R98,938	R2,420,694
August	211,218	R441,382	R611,890	R30,265	119,208	R131,826	R46,574	R102,366	R2,395,119
September	202,202	R422,298	R578,140	R28,814	114,934	R135,706	R45,129	R93,821	R2,303,650
October	206,225	R425,641	R588,224	R29,150	118,134	R143,125	R46,229	R100,914	R2,364,909
November	195,366	R439,688	R562,035	R27,742	116,078	R136,183	R45,034	R98,184	R2,309,723
December	195,424	R464,502	R562,020	R28,185	122,817	R137,030	R45,531	R104,171	R2,356,396
Total	2,468,312	R5,313,258	R7,203,012	R364,665	1,375,108	R1,664,604	R558,589	R1,206,328	R28,479,288
2017									
January	E193,927	E461,677	E554,138	E27,708	E123,989	E128,115	RE45,608	E104,398	RE2,345,441
February	E179,163	E419,527	E512,125	E25,035	E112,378	E117,940	RE40,864	E92,510	RE2,153,412
March	E207,995	E459,647	E559,703	E27,670	E126,645	E131,265	RE44,854	E104,213	RE2,383,797
April	RE203,362	E447,620	RE545,862	E26,517	E121,705	E128,031	RE43,036	E92,399	RE2,310,671
May	RE207,889	RE457,732	RE574,281	RE27,345	E131,952	RE128,168	RE44,383	RE97,691	RE2,393,795
June	RE202,826	RE443,025	RE560,575	RE25,972	RE130,102	RE128,166	RE42,260	RE89,481	RE2,341,247
July	E212,505	E458,357	E586,020	E26,046	E138,201	E131,112	E41,476	E89,685	E2,443,888
2017 7-Month YTD	E1,407,667	E3,147,585	E3,892,702	E186,295	E884,971	E892,798	E302,480	E670,377	E16,372,251
2016 7-Month YTD	1,457,878	3,119,747	4,300,703	220,509	783,938	980,734	330,092	706,873	16,749,492
2015 7-Month YTD	1,463,209	2,754,728	4,631,543	258,211	776,524	1,056,892	346,340	736,070	16,704,780

R Revised data.

E Estimated data.

RE Revised estimated data.

Notes: For 2017 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 survey. The "Other States" category comprises states/areas not individually collected on the EIA-914 survey (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 2017, 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 survey 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: 2012-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*, Bureau of Safety and Environmental Enforcement (BSEE), PointLogic Energy, Ventyx, and BENTEK Energy. January 2017 through current month: Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report"; and EIA computations.

Table 8. Underground natural gas storage – all operators, 2012-2017
(volumes in billion cubic feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^a	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^b
2012 Total^c	--	--	--	--	--	2,825	2,818	-7
2013 Total^c	--	--	--	--	--	3,156	3,702	546
2014 Total^c	--	--	--	--	--	3,839	3,586	-253
2015								
January	R4,368	R2,407	6,776	R482	R25.1	70	795	725
February	R4,368	R1,666	6,034	R466	R38.8	62	803	742
March	R4,369	R1,471	5,841	R614	R71.6	182	376	193
April	R4,369	R1,793	6,162	R727	R68.1	405	84	-321
May	R4,371	R2,287	R6,658	R739	R47.8	R541	44	R-496
June	R4,375	R2,647	R7,022	R641	R32.0	430	68	-362
July	R4,380	R2,924	7,305	R524	R21.9	379	R95	R-284
August	R4,372	R3,242	7,614	R473	R17.1	394	85	-309
September	R4,373	R3,614	7,987	R427	R13.4	435	63	-372
October	R4,374	R3,942	8,316	R355	R9.9	401	70	-331
November	R4,376	R3,927	8,303	R500	R14.6	201	214	12
December	R4,372	R3,667	8,038	R525	R16.7	138	403	264
Total	--	--	--	--	--	R3,638	R3,100	R-539
2016								
January	4,369	2,938	7,307	R531	R22.1	66	795	729
February	4,369	2,534	6,904	R869	R52.2	111	515	403
March	4,360	2,486	6,847	R1,015	R69.0	215	264	49
April	4,364	2,646	7,009	R852	R47.5	294	130	-164
May	4,366	2,966	7,332	R679	R29.7	402	74	-329
June	4,369	3,186	7,555	R539	R20.4	316	94	-222
July	4,369	3,318	7,687	R394	R13.5	283	150	-133
August	4,369	3,441	7,811	R200	R6.2	285	162	-124
September	4,369	3,705	8,074	R91	R2.5	351	88	-262
October	4,371	4,013	8,384	R70	R1.8	387	78	-308
November	4,372	3,977	8,349	R50	R1.3	178	213	35
December	4,380	3,297	7,677	R-370	R-10.1	87	762	676
Total	--	--	--	--	--	2,977	3,325	348
2017								
January	4,379	R2,623	R7,002	R-315	R-10.7	101	776	675
February	4,378	R2,338	R6,716	R-196	R-7.7	131	416	285
March	4,379	2,063	R6,442	R-423	-17.0	167	443	275
April	4,380	R2,292	R6,672	R-353	-13.4	341	111	-230
May	4,386	2,627	R7,013	R-339	-11.4	423	82	-341
June	4,355	R2,908	R7,263	R-278	R-8.7	387	106	-281
July	4,357	3,055	7,412	-263	-7.9	310	160	-150

^a Total underground storage capacity at the end of each calendar year (in billion cubic feet): 2012 – 8,991; 2013 – 9,173; 2014 – 9,233; 2015- 9,231; and 2016 – 9,239. 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.

^R Revised data.

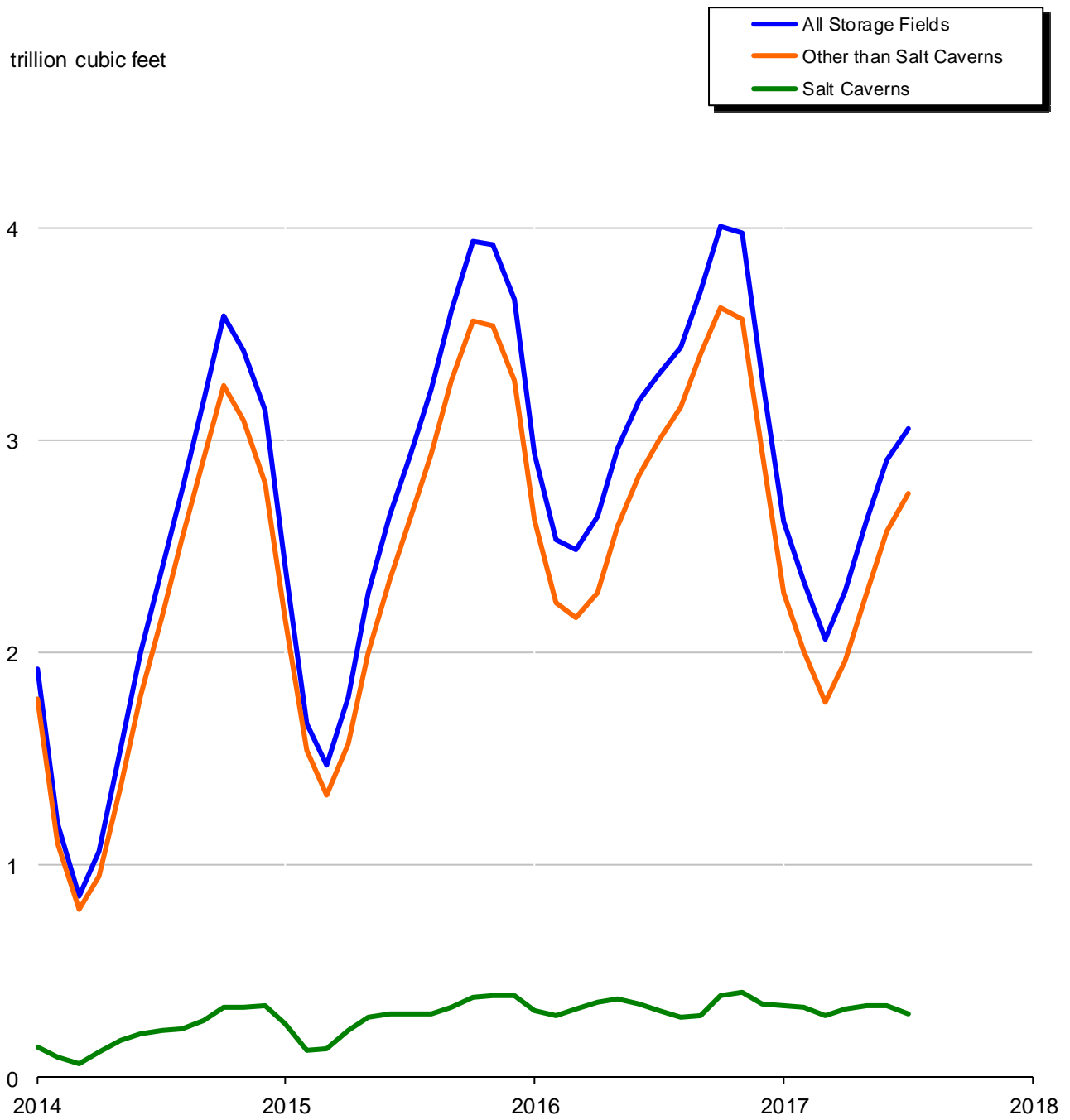
-- Not applicable.

Notes: Data for 2012 through 2015 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. Alaska added to U.S. totals as of January 2013. Change in Working Gas from Same Period, Previous Year, includes data for Alaska, which had no working gas recorded for periods prior to January 2013.

Source: 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, 2014-2017

Figure 5



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

Table 9. Underground natural gas storage – by season, 2015-2017

(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
2015 Refill Season								
April	R4,369	R1,793	6,162	R727	R68.1	405	84	-321
May	R4,371	R2,287	R6,658	R739	R47.8	R541	44	R-496
June	R4,375	R2,647	R7,022	R641	R32.0	430	68	-362
July	R4,380	R2,924	7,305	R524	R21.9	379	R95	R-284
August	R4,372	R3,242	7,614	R473	R17.1	394	85	-309
September	R4,373	R3,614	7,987	R427	R13.4	435	63	-372
October	R4,374	R3,942	8,316	R355	R9.9	401	70	-331
Total	--	--	--	--	--	R2,985	R510	-2,475
2016 Heating Season								
November	R4,376	R3,927	8,303	R500	R14.6	201	214	12
December	R4,372	R3,667	8,038	R525	R16.7	138	403	264
January	4,369	2,938	7,307	R531	R22.1	66	795	729
February	4,369	2,534	6,904	R869	R52.2	111	515	403
March	4,360	2,486	6,847	R1,015	R69.0	215	264	49
Total	--	--	--	--	--	732	2,189	1,457
2016 Refill Season								
April	4,364	2,646	7,009	R852	R47.5	294	130	-164
May	4,366	2,966	7,332	R679	R29.7	402	74	-329
June	4,369	3,186	7,555	R539	R20.4	316	94	-222
July	4,369	3,318	7,687	R394	R13.5	283	150	-133
August	4,369	3,441	7,811	R200	R6.2	285	162	-124
September	4,369	3,705	8,074	R91	R2.5	351	88	-262
October	4,371	4,013	8,384	R70	R1.8	387	78	-308
Total	--	--	--	--	--	2,319	776	-1,543
2017 Heating Season								
November	4,372	3,977	8,349	R50	R1.3	178	213	35
December	4,380	3,297	7,677	R-370	R-10.1	87	762	676
January	4,379	R2,623	R7,002	R-315	R-10.7	101	776	675
February	4,378	R2,338	R6,716	R-196	R-7.7	131	416	285
March	4,379	2,063	R6,442	R-423	-17.0	167	443	275
Total	--	--	--	--	--	664	2,610	1,946
2017 Refill Season								
April	4,380	R2,292	R6,672	R-353	-13.4	341	111	-230
May	4,386	2,627	R7,013	R-339	-11.4	423	82	-341
June	4,355	R2,908	R7,263	R-278	R-8.7	387	106	-281
July	4,357	3,055	7,412	-263	-7.9	310	160	-150

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

^R Revised data.

-- Not applicable.

Notes: Data for 2015 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. Alaska added to U.S. totals as of January 2013.

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

Table 10. Underground natural gas storage – salt cavern storage fields, 2012-2017
(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
2012 Total^b	--	--	--	--	--	465	445	-20
2013 Total^b	--	--	--	--	--	492	521	29
2014 Total^b	--	--	--	--	--	634	552	-82
2015								
January	R187	R252	439	R110	R76.8	24	105	81
February	R187	R127	314	R32	R33.6	15	140	125
March	R187	R138	325	R70	R102.8	58	46	-12
April	R187	R221	407	R101	R84.9	95	13	-82
May	R188	R283	R471	R104	R58.2	R81	17	R-64
June	R190	R297	R487	R89	R42.4	44	29	-15
July	R190	R297	487	R71	R31.4	37	R37	**
August	R190	R301	491	R72	R31.4	36	32	-4
September	R190	R333	523	R62	R22.8	55	24	-31
October	R190	R376	566	R45	R13.6	67	24	-43
November	R190	R389	579	R54	R16.1	50	37	-13
December	R190	R387	577	R46	R13.6	44	46	2
Total	--	--	--	--	--	R606	R550	-56
2016								
January	189	312	501	R60	R23.7	29	105	76
February	190	295	485	R168	R132.8	42	58	16
March	190	322	513	R184	R133.0	67	39	-28
April	191	358	550	R138	R62.4	66	27	-38
May	192	368	560	R84	R29.8	46	35	-10
June	192	348	541	R51	R17.1	26	45	19
July	192	319	511	R22	R7.3	32	62	29
August	193	281	474	R-20	R-6.5	33	69	37
September	194	295	489	R-38	R-11.3	52	37	-14
October	194	383	577	R7	R1.9	115	26	-89
November	195	402	598	R13	R3.4	47	28	-20
December	195	349	544	R-39	R-10.0	38	92	53
Total	--	--	--	--	--	593	624	32
2017								
January	195	338	533	26	8.3	57	68	11
February	195	328	522	33	11.0	37	47	10
March	196	292	487	-31	-9.5	43	79	36
April	197	326	523	-32	-9.0	68	32	-36
May	197	343	539	-25	-6.8	58	42	-16
June	196	339	535	-9	-2.7	49	53	4
July	198	304	502	-15	-4.7	38	73	34
2017 7-Month YTD	--	--	--	--	--	351	394	42
2016 7-Month YTD	--	--	--	--	--	308	372	64
2015 7-Month YTD	--	--	--	--	--	353	387	34

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

^b Total as of December 31.

^R Revised data.

-- Not applicable.

** Volume is between -500 Mcf and 500 Mcf.

Notes: Data for 2012 through 2015 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. Alaska added to U.S. totals as of January 2013.

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

Table 11. Underground natural gas storage – storage fields other than salt caverns, 2012-2017
(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
2012 Total^b	--	--	--	--	--	2,360	2,373	12
2013 Total^b	--	--	--	--	--	2,664	3,181	517
2014 Total^b	--	--	--	--	--	3,205	3,034	-171
2015								
January	4,182	2,155	6,337	373	20.9	46	690	644
February	4,181	1,539	5,720	434	39.2	46	663	616
March	4,182	1,333	5,515	544	68.9	124	330	205
April	4,182	1,572	5,755	625	66.0	310	71	-239
May	4,183	2,004	6,187	635	46.4	460	28	-433
June	4,185	2,349	6,534	552	30.7	386	39	-346
July	4,190	2,627	6,818	454	20.9	342	58	-284
August	4,182	2,941	7,123	401	15.8	358	53	-305
September	4,183	3,281	7,465	365	12.5	380	39	-341
October	4,184	3,566	7,750	310	9.5	334	46	-288
November	4,186	3,537	7,724	446	14.4	151	177	26
December	4,181	3,280	7,461	479	17.1	94	356	262
Total	--	--	--	--	--	3,032	2,549	-482
2016								
January	4,180	2,626	6,806	471	21.9	37	689	652
February	4,180	2,239	6,419	700	45.5	69	456	387
March	4,170	2,164	6,334	831	62.3	149	225	77
April	4,172	2,287	6,460	715	45.5	229	103	-126
May	4,174	2,599	6,773	595	29.7	357	39	-318
June	4,176	2,838	7,014	489	20.8	291	49	-241
July	4,176	2,999	7,176	372	14.2	251	88	-163
August	4,177	3,160	7,337	219	7.5	253	92	-160
September	4,175	3,410	7,585	129	3.9	299	51	-248
October	4,177	3,630	7,807	63	1.8	271	52	-220
November	4,177	3,574	7,751	37	1.0	131	185	55
December	4,185	2,948	7,133	-331	-10.1	48	670	622
Total	--	--	--	--	--	2,384	2,700	316
2017								
January	4,184	R2,285	R6,469	R-341	-13.0	44	R708	664
February	4,183	2,010	R6,194	R-229	R-10.2	94	369	275
March	4,183	R1,772	R5,955	R-392	R-18.1	124	364	239
April	4,183	R1,966	R6,149	R-321	R-14.0	273	79	-194
May	4,189	R2,285	R6,474	R-314	-12.1	365	40	-325
June	4,159	R2,569	6,727	R-269	-9.5	338	53	-285
July	4,159	2,751	6,910	-248	-8.3	272	88	-184
2017 7-Month YTD	--	--	--	--	--	1,510	1,701	191
2016 7-Month YTD	--	--	--	--	--	1,382	1,650	268
2015 7-Month YTD	--	--	--	--	--	1,715	1,878	163

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

^b Total as of December 31.

^R Revised data.

-- Not applicable.

Notes: Data for 2012 through 2015 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. Alaska added to U.S. totals as of January 2013.

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

Table 12. Net withdrawals from underground storage, by state, 2015-2017
(million cubic feet)

State	2017						
	July	June	May	April	March	February	January
Alabama	3,386	498	169	-1,292	1,420	-1,005	-254
Alaska ^a	-2,424	-2,108	-1,525	-1,076	1,572	1,409	2,213
Arkansas	-647	-581	-595	-272	772	66	418
California	-6,825	-13,932	-23,443	-16,166	-17,257	4,304	50,405
Colorado	-5,245	-5,660	-4,519	-1,374	1,199	4,859	10,983
Illinois	-25,184	-32,389	-17,012	4,438	35,264	42,917	59,371
Indiana	-2,486	-2,960	-1,664	-501	2,040	3,067	5,972
Iowa	-1,696	-1,917	-1,579	1,288	5,165	8,052	15,571
Kansas	-2,088	-4,611	-14,016	-10,252	5,246	2,192	18,823
Kentucky	5,583	1,693	-8,818	-12,511	5,772	7,787	16,622
Louisiana	1,007	-5,268	-19,430	-21,998	23,900	11,892	22,369
Maryland	-2,873	-2,241	-3,128	-280	3,170	2,048	3,915
Michigan	-38,760	-57,334	-55,198	-39,909	63,573	47,176	108,702
Minnesota	-220	-190	-63	36	342	450	321
Mississippi	14,904	-476	-3,259	-8,395	6,585	1,802	10,041
Missouri	0	*	0	*	100	-20	163
Montana	-3,558	-4,182	-4,160	-2,002	1,137	4,042	7,075
Nebraska	-935	182	-1,017	-979	-287	1,408	2,844
New Mexico	1,623	68	-1,257	-1,704	-2,779	1,321	4,466
New York	-8,367	-12,765	-7,272	-5,894	17,047	12,369	20,857
Ohio	-26,059	-26,200	-18,721	-5,818	27,859	22,619	36,350
Oklahoma	1,039	-10,437	-13,581	-4,742	-5,893	3,193	35,389
Oregon	-545	-1,472	-3,170	-336	-2,364	606	4,500
Pennsylvania	-37,135	-46,732	-51,111	-33,170	70,898	54,306	82,560
Tennessee	8	R-41	-32	-29	-5	14	31
Texas	18,244	-15,267	-37,200	-30,805	1,147	6,329	78,122
Utah	-3,718	-5,162	-7,294	-2,628	-518	5,334	11,889
Virginia	349	45	-513	-310	689	685	180
Washington	329	-2,739	-5,577	-2,596	1,556	4,022	6,908
West Virginia	-26,009	R-26,523	R-33,844	R-30,240	R27,775	R29,958	R49,893
Wyoming	-1,694	-2,290	-1,936	-632	234	1,737	8,000
Regions							
East Region	-100,093	R-114,416	R-114,589	R-75,713	R147,438	R121,986	R193,754
South Central Region	35,847	-36,143	-87,911	-77,757	33,177	24,469	164,908
Midwest Region	-62,755	R-93,139	-84,366	-47,188	112,250	109,443	206,754
Mountain Region	-13,527	-17,044	-20,183	-9,318	-1,014	18,701	45,258
Pacific Region	-7,040	-18,142	-32,191	-19,098	-18,066	8,931	61,813
Total Lower 48 States	-147,568	R-278,884	R-339,239	R-229,075	R273,786	R283,530	R672,486
U.S. Total	-149,992	-280,991	R-340,764	R-230,150	R275,358	R284,938	R674,699

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2015-2017

(million cubic feet) – continued

State	2016						
	Total	December	November	October	September	August	July
Alabama	1,019	3,462	-2,161	-5,368	-597	2,250	3,115
Alaska ^a	-8,322	1,789	872	139	-1,321	-1,997	-1,976
Arkansas	-1,666	739	-86	-152	-318	-564	-517
California	39,603	43,736	1,937	-8,590	-3,383	4,248	769
Colorado	-4,606	11,693	-1,452	-7,324	-5,111	-3,745	-4,892
Illinois	5,282	53,639	623	-37,807	-41,363	-33,535	-28,440
Indiana	3,478	4,712	-1,533	-2,257	-2,199	-1,850	-1,850
Iowa	6,414	22,217	5,150	-18,715	-18,041	-14,078	-1,925
Kansas	8,377	21,467	876	-5,573	-8,157	-2,098	-7,378
Kentucky	9,205	16,756	51	-4,545	-4,548	-128	-2,707
Louisiana	39,572	42,587	-3,970	-51,370	-11,031	18,506	16,049
Maryland	2,916	2,604	893	133	-150	-1,397	-1,133
Michigan	57,601	108,495	17,034	-27,683	-54,745	-36,754	-35,799
Minnesota	38	44	14	-104	-197	-228	-205
Mississippi	26,635	24,501	1,560	-24,918	-3,355	2,651	7,130
Missouri	-156	365	-210	-405	-290	*	0
Montana	-7,364	8,305	2,401	-782	-2,191	-3,465	-3,260
Nebraska	785	2,171	721	-1,221	-1,132	-90	-151
New Mexico	669	4,345	-1,195	-1,530	75	167	659
New York	19,233	20,132	4,697	-7,006	-12,209	-3,017	-3,467
Ohio	17,390	41,276	14,460	-10,323	-22,602	-23,658	-25,774
Oklahoma	11,957	30,817	-5,705	-11,783	-2,082	1,055	-3,398
Oregon	1,381	5,032	406	-1,086	-266	-16	-887
Pennsylvania	68,344	70,114	10,492	-16,859	-43,300	-18,752	-21,094
Tennessee	-66	71	-14	-34	2	2	3
Texas	38,656	65,863	-17,919	-50,646	112	21,348	18,530
Utah	-1,208	12,286	-466	-1,542	-3,455	-2,871	-2,671
Virginia	189	212	-211	-163	-185	-504	73
Washington	-2,216	3,465	448	-109	-3,266	-2,091	-788
West Virginia	22,407	44,092	10,686	-7,057	-15,425	-22,388	-29,308
Wyoming	-7,349	8,555	-3,105	-3,717	-1,656	-769	-1,773
Regions							
East Region	130,479	178,429	41,017	-41,275	-93,871	-69,715	-80,704
South Central Region	124,549	189,436	-27,405	-149,809	-25,428	43,149	33,529
Midwest Region	81,797	206,299	21,114	-91,550	-121,381	-86,571	-70,923
Mountain Region	-19,074	47,355	-3,096	-16,117	-13,469	-10,773	-12,088
Pacific Region	38,769	52,233	2,790	-9,785	-6,916	2,142	-906
Total Lower 48 States	356,520	673,752	34,420	-308,536	-261,066	-121,769	-131,091
U.S. Total	348,198	675,541	35,292	-308,397	-262,387	-123,765	-133,067

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2015-2017

(million cubic feet) – continued

State	2016						2015	Total
	June	May	April	March	February	January		
Alabama	1,486	-1,536	-3,383	-323	-713	4,787	-3,817	
Alaska ^a	-1,468	-1,957	-1,441	-451	-459	-50	782	
Arkansas	-724	-801	-444	438	328	434	-1,046	
California	-7,766	-16,700	-17,261	-4,805	7,203	40,217	-2,698	
Colorado	-5,512	-5,498	1,334	3,688	2,412	9,800	-5,930	
Illinois	-32,072	-26,284	4,551	26,092	50,274	69,604	-10,603	
Indiana	-2,226	-2,905	527	1,694	5,259	6,106	-4,411	
Iowa	-2,856	-2,349	2,150	4,762	10,674	19,427	-4,955	
Kansas	-4,701	-13,272	-7,171	-4,070	11,913	26,541	-11,154	
Kentucky	-2,776	-8,262	-16,117	2,150	9,656	19,675	-17,554	
Louisiana	-2,585	-11,540	-20,296	-14,011	21,175	56,058	-88,237	
Maryland	-3,022	-1,671	716	-342	2,294	3,991	-1,304	
Michigan	-52,688	-65,480	-13,874	30,025	80,654	108,415	-87,722	
Minnesota	-174	-76	7	515	127	315	-78	
Mississippi	1,758	-7,184	-6,394	-12,187	6,944	36,129	^R -28,109	
Missouri	0	0	0	119	-168	433	-586	
Montana	-4,908	-5,202	-3,943	-770	2,057	4,394	-3,197	
Nebraska	-16	-1,099	-630	-103	549	1,788	-786	
New Mexico	-391	-1,615	-1,170	-1,658	1,413	1,568	-19,897	
New York	-6,284	-11,257	-1,560	2,483	14,571	22,150	-15,923	
Ohio	-26,258	-21,537	-5,040	17,603	32,160	47,082	-33,025	
Oklahoma	-3,069	-15,348	-9,402	-5,923	10,070	26,725	-32,397	
Oregon	-511	-2,228	-1,027	-362	481	1,845	474	
Pennsylvania	-36,463	-32,012	-5,601	11,919	62,426	87,473	-41,111	
Tennessee	-38	-27	-17	-32	-6	25	-453	
Texas	7,624	-29,546	-38,115	-19,445	24,128	56,721	-91,530	
Utah	-4,887	-7,374	-814	-1,928	3,685	8,830	-8,073	
Virginia	-46	-242	-508	135	17	1,612	-468	
Washington	-1,834	-4,392	-2,918	1,935	5,854	1,480	4,545	
West Virginia	-25,938	-27,301	-14,249	11,571	35,666	62,059	-28,151	
Wyoming	-3,980	-3,858	-2,386	-139	2,448	3,031	-1,237	
Regions								
East Region	-98,011	-94,019	-26,242	43,370	147,134	224,367	-119,981	
South Central Region	-212	-79,227	-85,205	-55,521	73,846	207,396	^R -256,290	
Midwest Region	-92,831	-105,382	-22,774	65,327	156,470	224,000	-126,362	
Mountain Region	-19,694	-24,646	-7,610	-910	12,562	29,411	-39,121	
Pacific Region	-10,112	-23,319	-21,206	-3,232	13,538	43,542	2,322	
Total Lower 48 States	-220,859	-326,593	-163,038	49,034	403,550	728,716	^R -539,433	
U.S. Total	-222,328	-328,551	-164,479	48,583	403,091	728,666	^R -538,651	

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2015-2017

(million cubic feet) – continued

State	2015						
	December	November	October	September	August	July	June
Alabama	-249	-1,217	-415	-2,416	1,057	-971	-734
Alaska ^a	140	197	-52	92	-108	-171	-78
Arkansas	-127	-283	-212	-141	-403	-437	-357
California	44,087	5,699	-18,709	-6,577	1,758	-8,522	-10,336
Colorado	9,420	1,802	-4,141	-5,250	-5,181	-5,048	-6,817
Illinois	45,715	-1,164	-36,756	-37,238	-34,172	-32,685	-29,520
Indiana	1,569	-1,236	-2,047	-3,878	-3,494	-2,687	-2,942
Iowa	16,556	4,637	-14,124	-16,136	-13,614	-2,563	-6,962
Kansas	11,377	7,836	-5,912	-14,045	-9,249	-16,737	-11,868
Kentucky	7,953	-1,730	-9,465	-7,783	-6,294	-5,729	-5,537
Louisiana	8,860	-15,244	-40,257	-33,722	-20,717	-17,892	-16,431
Maryland	517	490	-262	-372	-2,786	-2,440	-2,577
Michigan	30,889	3,499	-60,050	-75,170	-81,284	-74,938	-82,493
Minnesota	10	-149	-262	-219	-202	-176	-37
Mississippi	-723	-4,892	-14,206	-16,234	-4,313	R-2,736	-11,013
Missouri	28	-212	-268	-581	0	0	*
Montana	3,620	2,456	-1,050	-2,101	-3,445	-3,385	-3,128
Nebraska	979	212	-1,193	-1,296	-965	-77	-1,343
New Mexico	-616	-2,132	-2,258	-1,275	-1,429	-1,726	-1,306
New York	2,020	7	-6,129	-8,376	-8,289	-9,553	-15,297
Ohio	19,441	7,717	-11,308	-22,886	-27,651	-25,160	-26,651
Oklahoma	8,250	3,951	-13,483	-8,189	-6,183	-8,740	-17,758
Oregon	2,338	1,139	-1,330	-1,482	-685	2	-374
Pennsylvania	11,466	-6,135	-31,589	-38,785	-35,179	-24,593	-51,105
Tennessee	-54	-102	-93	-64	-59	-60	-49
Texas	6,424	-2,086	-41,913	-35,276	-6,397	-1,462	-23,854
Utah	6,185	3,131	-1,402	-4,323	-3,183	-5,792	-5,110
Virginia	48	-270	-545	-623	-508	87	-509
Washington	2,710	3,788	-792	-2,976	-4,747	278	122
West Virginia	23,857	2,855	-9,191	-22,829	-30,326	-28,865	-25,786
Wyoming	1,646	-255	-1,419	-1,866	-1,115	-1,186	-1,715
Regions							
East Region	57,349	4,664	-59,024	-93,873	-104,740	-90,699	-121,926
South Central Region	33,813	-11,936	-116,399	-110,024	-46,205	R-48,975	-82,015
Midwest Region	102,665	3,543	-123,064	-141,069	-139,118	-118,838	-127,539
Mountain Region	21,235	5,213	-11,462	-16,112	-15,317	-17,214	-19,419
Pacific Region	49,135	10,625	-20,831	-11,035	-3,674	-8,243	-10,588
Total Lower 48 States	264,197	12,109	-330,780	-372,112	-309,054	R-283,969	-361,486
U.S. Total	264,337	12,306	-330,832	-372,021	-309,162	R-284,140	-361,564

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2015-2017
(million cubic feet) – continued

State	2015				
	May	April	March	February	January
Alabama	-5,684	-6,159	-243	8,440	4,774
Alaska ^a	-71	219	235	185	194
Arkansas	-411	91	234	567	431
California	-25,451	-16,467	-4,345	-2,750	38,916
Colorado	-5,045	1,888	920	5,579	5,942
Illinois	-28,714	1,105	21,193	58,104	63,529
Indiana	-2,903	-294	2,709	5,238	5,552
Iowa	-5,355	541	6,384	11,129	14,550
Kansas	-13,935	-2,777	-721	26,416	18,461
Kentucky	-9,947	-14,941	2,284	20,181	13,454
Louisiana	-36,612	-45,037	-1,990	73,436	57,369
Maryland	-2,522	-254	970	4,876	3,057
Michigan	-82,150	-42,975	61,590	176,480	138,879
Minnesota	6	6	351	255	337
Mississippi	^R -20,437	-30,471	371	40,415	36,131
Missouri	0	0	-976	1,273	151
Montana	-2,545	-1,350	-172	3,314	4,588
Nebraska	-1,121	-417	669	1,778	1,989
New Mexico	-2,874	-2,771	-2,404	-1,237	131
New York	-12,852	-4,764	12,169	17,191	17,951
Ohio	-31,413	-14,797	19,170	37,546	42,969
Oklahoma	-30,908	-22,563	1,625	31,015	30,588
Oregon	-2,416	116	-732	688	3,212
Pennsylvania	-62,659	-27,319	48,329	92,652	83,807
Tennessee	-53	-48	-10	96	42
Texas	-64,583	-68,034	4,146	75,241	66,265
Utah	-6,367	-512	-197	3,249	6,246
Virginia	-600	793	-1,256	1,821	1,268
Washington	-4,285	-1,199	2,520	4,712	4,416
West Virginia	-33,369	-23,204	19,424	41,243	58,043
Wyoming	-1,151	308	1,217	2,397	1,901
Regions					
East Region	-143,415	-69,546	98,805	195,328	207,094
South Central Region	^R -172,570	-174,950	3,421	255,529	214,020
Midwest Region	-129,116	-56,605	93,527	272,757	236,494
Mountain Region	-19,103	-2,853	34	15,081	20,797
Pacific Region	-32,152	-17,550	-2,557	2,649	46,544
Total Lower 48 States	^R -496,356	-321,505	193,230	741,344	724,949
U.S. Total	^R -496,427	-321,286	193,465	741,529	725,144

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

^R Revised data.

* Volume is less than 500,000 cubic feet.

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; in November 2015, region breakouts were revised from three regions to five. See Explanatory Note 5 in Appendix A for a list of the new regions shown in this table and the states included in each.

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

Table 13. Activities of underground natural gas storage operators, by state, July 2017

(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	20,000	30,450	-504	-2.5	658	4,044
Alaska ^a	5	83,592	67,915	14,197	34,541	48,738	2,457	7.7	2,462	39
Arkansas	2	21,853	12,178	12,880	2,980	15,860	1,103	58.7	647	*
California	14	603,808	373,236	230,605	261,786	492,391	-19,806	-7.0	12,017	5,192
Colorado	11	139,486	68,174	62,865	40,946	103,811	1,452	3.7	7,329	2,084
Illinois	28	1,004,710	303,613	704,110	135,781	839,891	-9,105	-6.3	25,965	782
Indiana	21	111,721	33,674	77,212	19,402	96,613	-722	-3.6	2,489	3
Iowa	4	288,210	90,313	197,897	26,772	224,669	-1,417	-5.0	3,480	1,784
Kansas	16	282,986	122,982	164,028	91,832	255,860	-1,868	-2.0	7,195	5,107
Kentucky	23	221,723	107,572	112,934	71,986	184,920	-23,644	-24.7	3,635	9,218
Louisiana	19	748,173	457,202	282,378	324,169	606,546	-11,244	-3.4	33,026	34,033
Maryland	1	64,000	18,300	45,677	11,867	57,545	-2,696	-18.5	2,887	14
Michigan	44	1,071,608	685,709	386,921	501,641	888,562	-34,746	-6.5	42,720	3,960
Minnesota	1	7,000	2,000	4,848	1,410	6,258	-205	-12.7	220	0
Mississippi	12	334,792	204,713	124,869	112,134	237,003	-21,716	-16.2	8,000	22,904
Missouri	1	13,845	6,000	7,845	6,091	13,937	112	1.9	0	0
Montana	4	376,225	197,477	178,501	28,759	207,260	-2,763	-8.8	3,647	88
Nebraska	1	34,850	12,653	22,197	8,316	30,513	-1,757	-17.4	1,018	84
New Mexico	2	89,100	59,738	29,362	43,165	72,527	-3,601	-7.7	414	2,037
New York	26	245,779	127,487	114,141	72,678	186,820	-18,552	-20.3	10,843	2,476
Ohio	24	575,794	252,140	321,618	138,306	459,925	-8,950	-6.1	26,609	550
Oklahoma	13	376,528	196,675	179,696	148,420	328,116	-16,590	-10.1	7,709	8,748
Oregon	7	29,565	15,935	11,186	15,996	27,182	-834	-5.0	551	6
Pennsylvania	49	760,619	427,661	335,550	265,651	601,201	-41,504	-13.5	47,605	10,470
Tennessee	2	2,400	1,800	878	1,271	2,149	19	1.5	0	8
Texas	36	854,375	549,894	297,643	402,490	700,133	-40,152	-9.1	21,913	40,157
Utah	3	124,509	54,942	69,508	42,332	111,840	-1,870	-4.2	3,934	216
Virginia	2	9,500	5,400	4,100	3,890	7,990	-272	-6.5	670	1,019
Washington	1	46,900	24,600	22,300	17,438	39,738	-304	-1.7	1,231	1,560
West Virginia	31	530,837	268,884	262,614	169,168	431,782	-1,310	-0.8	29,192	3,183
Wyoming	9	157,744	73,705	67,600	33,873	101,473	-2,057	-5.7	2,209	515
Regions										
East Region	133	2,186,529	1,099,872	1,083,702	661,560	1,745,262	-73,284	-10.0	117,805	17,712
South Central Region	100	2,662,307	1,576,793	1,071,944	1,102,024	2,173,968	-90,972	-7.6	79,147	114,993
Midwest Region	124	2,721,215	1,230,680	1,492,643	764,355	2,256,999	-69,708	-8.4	78,509	15,754
Mountain Region	30	921,914	466,689	430,033	197,392	627,425	-10,596	-5.1	18,550	5,024
Pacific Region	22	680,273	413,771	264,091	295,220	559,311	-20,944	-6.6	13,799	6,759
Total Lower 48 States	409	9,172,239	4,787,806	4,342,413	3,020,551	7,362,965	-265,504	-8.1	307,810	160,242
U.S. Total	414	9,255,831	4,855,722	4,356,610	3,055,093	7,411,703	-263,046	-7.9	310,273	160,281

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

* Volume is less than 500,000 cubic feet.

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; in November 2015, region breakouts were revised from three regions to five. See Explanatory Note 5 in Appendix A for a list of the new regions shown in this table and the states included in each. Beginning with January 2013 data, Form EIA-191A is no longer used as a source for capacity data. Capacity data are now collected from the Form EIA-191. Change in Working Gas from Same Period, Previous Year, includes data for Alaska which had no working gas recorded for periods prior to January 2013. As of January 2015, the Kimball and Columbus III reservoirs in Michigan are being reported under the Bluewater Gas Storage Field on a combined basis. In prior periods, they were reported separately.

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

Table 14. Natural gas deliveries to residential consumers, by state, 2015-2017
(million cubic feet)

State	2017	2016	2015	2017				
	7-Month YTD	7-Month YTD	7-Month YTD	July	June	May	April	March
Alabama	NA	19,596	24,797	692	NA	NA	NA	R3,251
Alaska	12,043	9,428	10,573	552	R656	984	R1,472	2,667
Arizona	NA	24,217	21,311	1,102	R1,326	R1,783	R2,361	R3,706
Arkansas	14,459	17,465	24,484	537	584	896	R1,099	R2,773
California	NA	247,100	230,058	18,796	R20,802	R27,144	R29,589	R40,448
Colorado	71,275	76,281	72,504	2,708	R3,012	R6,385	R9,010	R12,051
Connecticut	32,361	29,969	38,361	1,094	R1,404	R2,270	R3,591	R7,980
Delaware	6,299	6,554	8,687	150	205	347	606	1,674
District of Columbia	NA	7,556	9,939	253	310	473	562	R1,622
Florida	9,547	10,452	10,334	786	R887	R1,075	R1,409	R1,651
Georgia	61,893	73,942	82,366	3,937	R4,104	R4,932	R5,700	R12,802
Hawaii	346	334	353	43	49	44	49	52
Idaho	16,707	13,687	12,900	511	R591	R1,099	R1,988	R2,632
Illinois	229,693	246,706	279,727	8,664	R9,173	R16,967	R23,286	R52,086
Indiana	72,757	78,841	94,350	2,091	R2,409	R5,321	R7,058	R17,117
Iowa	37,791	39,547	43,440	1,043	1,295	R2,473	R4,107	R8,180
Kansas	32,613	33,627	38,647	1,059	R1,290	R1,865	R3,216	R6,256
Kentucky	24,153	29,500	35,991	717	R774	R1,184	R2,026	R5,631
Louisiana	17,016	20,721	26,614	1,294	R1,353	R1,503	R1,793	R2,837
Maine	1,812	1,655	1,897	53	82	139	240	R436
Maryland	46,071	49,936	61,244	1,634	R1,772	R3,001	R3,391	R11,365
Massachusetts	77,394	72,110	93,757	2,627	3,324	5,995	R8,761	R20,373
Michigan	181,165	186,429	219,933	5,216	R6,194	R14,012	R19,261	R43,961
Minnesota	75,770	75,442	79,125	2,293	R3,019	R5,082	R8,370	R16,781
Mississippi	10,546	13,302	16,816	527	R541	R749	R830	R2,214
Missouri	52,467	55,493	68,361	1,631	R1,943	R3,385	R4,518	R10,495
Montana	12,919	10,594	11,049	348	480	914	1,629	2,262
Nebraska	22,759	21,350	23,663	698	R911	R1,594	R2,421	R4,249
Nevada	26,578	25,002	21,601	1,292	1,578	1,994	2,755	R4,334
New Hampshire	4,742	4,398	5,729	143	183	352	498	1,235
New Jersey	140,120	142,533	180,759	4,881	5,701	9,519	15,232	34,249
New Mexico	18,725	20,695	20,247	850	R963	R1,428	R2,113	R3,013
New York	279,945	270,317	332,964	10,844	R13,979	R20,798	R31,178	R68,661
North Carolina	NA	41,472	46,476	NA	R1,038	R1,506	R2,285	R8,077
North Dakota	6,631	6,030	6,879	156	R191	348	R740	1,480
Ohio	149,501	166,437	210,919	4,646	R5,262	R9,851	R13,796	R36,914
Oklahoma	29,123	30,830	40,080	1,135	R1,260	R1,820	R2,651	R4,602
Oregon	29,111	22,096	20,650	863	R1,327	2,142	3,757	5,123
Pennsylvania	140,224	139,840	172,538	4,423	5,351	R9,759	14,171	R34,348
Rhode Island	11,824	10,881	14,599	427	476	823	1,229	3,224
South Carolina	14,465	17,841	20,655	582	R590	R681	R1,227	R3,385
South Dakota	7,413	7,279	7,636	192	260	R474	R890	R1,513
Tennessee	32,670	38,785	50,676	1,044	R1,207	R1,778	R2,442	R7,118
Texas	NA	119,912	155,709	5,987	R5,807	R7,728	R9,387	R15,955
Utah	38,122	38,299	32,972	1,647	2,183	2,834	R4,879	5,592
Vermont	2,395	2,326	2,815	84	134	191	318	582
Virginia	45,083	51,628	63,939	1,592	R1,572	R2,506	R3,698	R11,041
Washington	54,330	42,571	39,773	1,786	R2,206	R4,009	R6,969	R10,331
West Virginia	NA	15,295	18,282	NA	323	R754	R1,361	R3,461
Wisconsin	78,538	80,622	88,425	2,293	R2,780	R5,936	R8,395	R18,556
Wyoming	8,300	7,102	6,873	217	383	R823	1,036	R1,567
Total	2,708,638	2,774,024	3,202,480	107,637	R123,974	R200,667	R280,844	R581,912

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2015-2017

(million cubic feet) – continued

State	2017							2016
	February	January	Total	December	November	October	September	August
Alabama	R3,303	R4,957	R28,407	R4,880	R1,790	R875	R620	R646
Alaska	R2,522	R3,190	R17,787	R2,969	R2,313	R1,713	R831	534
Arizona	NA	R6,664	R35,120	R4,982	R2,314	R1,433	R1,144	R1,030
Arkansas	R3,177	R5,394	R27,130	R5,947	R1,830	R733	R609	R545
California	R53,768	NA	R411,828	R66,472	R37,487	R22,235	R19,919	R18,615
Colorado	R14,949	R23,160	R121,963	R22,109	R11,560	R6,061	R3,216	R2,736
Connecticut	R7,324	R8,698	R46,045	R7,814	R4,432	R1,971	R962	R897
Delaware	1,384	1,933	R9,660	R1,711	R794	R281	R165	R155
District of Columbia	NA	2,120	R11,379	R2,132	R941	R337	R202	R211
Florida	R1,776	R1,962	R15,352	R1,587	R1,083	R820	R727	R683
Georgia	R12,373	R18,045	R115,922	R19,450	R10,131	R4,799	R3,782	R3,816
Hawaii	52	58	571	52	47	45	49	45
Idaho	R3,775	R6,112	R24,889	R5,896	R2,661	R1,457	R690	R498
Illinois	R47,485	R72,032	R386,590	R77,072	R32,863	R14,682	R7,804	R7,463
Indiana	R15,311	R23,450	R125,038	R26,002	R11,340	R4,294	R2,346	R2,216
Iowa	R8,504	R12,187	R61,247	R12,695	R4,607	R2,016	R1,330	R1,052
Kansas	R7,040	R11,886	R54,060	R12,007	R4,755	R1,542	R1,138	R990
Kentucky	R5,580	R8,240	R45,502	R9,305	R3,864	R1,288	R772	R774
Louisiana	R3,055	R5,181	R31,393	R4,826	R1,988	R1,388	R1,222	R1,248
Maine	R405	457	R2,566	R449	R229	R133	R56	R44
Maryland	R10,915	R13,992	R76,047	R13,905	R6,792	R2,645	R1,425	R1,345
Massachusetts	R16,654	R19,661	R112,082	R19,200	R10,623	R5,427	R2,440	R2,282
Michigan	R39,308	R53,213	R294,187	R53,793	R27,488	R14,924	R6,654	R4,899
Minnesota	R16,630	R23,596	R117,598	R21,656	R9,848	R5,555	R2,599	R2,497
Mississippi	R2,170	R3,514	20,177	R3,776	R1,349	R625	R572	553
Missouri	R11,195	R19,299	R87,265	R19,404	R6,724	R2,508	R1,526	R1,611
Montana	R3,019	4,268	R19,100	R3,972	R2,116	R1,383	R631	R405
Nebraska	R5,132	R7,755	R33,050	R6,924	R2,373	R1,031	R706	R665
Nevada	R6,168	8,457	R39,075	R6,777	R2,891	R1,810	R1,387	R1,208
New Hampshire	1,042	1,288	R6,861	R1,249	R701	R231	R153	R129
New Jersey	R30,578	39,961	R215,510	R36,467	R18,709	R8,782	R4,706	R4,313
New Mexico	R4,252	R6,105	R32,577	R5,893	R3,068	R1,214	R933	R775
New York	R60,883	R73,601	R410,836	R65,878	R37,839	R18,228	R9,343	R9,231
North Carolina	R7,041	R11,829	R64,547	R12,919	R6,304	R1,719	R1,088	R1,046
North Dakota	R1,582	R2,134	R10,059	R2,140	R867	R629	R218	R175
Ohio	R32,763	R46,269	R255,826	R45,997	R23,457	R10,396	R4,721	R4,818
Oklahoma	R6,244	R11,410	R50,573	R11,805	R3,798	R1,659	R1,305	R1,175
Oregon	6,390	9,510	R39,391	R8,788	R3,994	R2,776	R1,114	R622
Pennsylvania	R31,516	R40,656	R215,512	R38,712	R20,030	R8,820	R4,167	R3,943
Rhode Island	R2,592	3,054	R17,200	R3,064	R1,753	R906	R360	R236
South Carolina	R3,037	R4,964	R27,562	R5,384	R2,620	R730	R502	R484
South Dakota	R1,640	R2,444	R11,663	R2,513	R901	R520	R239	R209
Tennessee	R7,458	R11,623	R58,924	R12,405	R4,393	R1,410	R1,021	R910
Texas	R22,069	NA	R175,332	R29,067	R9,113	R6,508	R5,353	R5,380
Utah	7,281	R13,706	R63,929	R13,140	R6,363	R2,979	R1,781	R1,366
Vermont	518	568	R3,518	R555	R326	R149	R87	R77
Virginia	R10,007	R14,666	R77,170	R13,305	R6,527	R2,884	R1,450	R1,376
Washington	R12,339	R16,690	R76,321	R16,027	R7,845	R5,551	R2,551	R1,776
West Virginia	R3,093	R4,049	R23,210	R4,083	R2,265	R884	R360	R323
Wisconsin	R17,162	R23,416	R125,484	R24,373	R10,370	R5,591	R2,404	R2,125
Wyoming	R1,854	2,420	R11,999	R2,423	R1,135	R727	R353	R259
Total	R581,674	R831,929	R4,345,031	R793,950	R379,611	R187,305	R109,734	R100,409

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2015-2017
(million cubic feet) – continued

State	2016							2015
	July	June	May	April	March	February	January	Total
Alabama	R675	R833	R978	R1,645	R2,755	R5,516	R7,195	R32,750
Alaska	479	534	864	R1,242	R1,885	R2,067	R2,358	18,574
Arizona	R1,081	R1,327	R1,766	R2,422	R3,090	R5,815	R8,716	R34,516
Arkansas	R584	R687	R937	R1,510	R2,762	R4,944	R6,040	R33,049
California	R19,535	R21,253	R24,772	R28,203	R39,795	R43,744	R69,797	401,172
Colorado	R2,559	R2,931	R6,530	R10,422	R14,376	R17,245	R22,217	122,364
Connecticut	R1,034	R1,312	R2,294	R4,070	R5,351	R7,649	R8,259	50,975
Delaware	R164	R224	R458	R794	R1,094	R1,812	R2,009	11,260
District of Columbia	R240	R280	R489	R772	R1,080	R2,230	R2,464	13,494
Florida	R700	R798	R969	R1,222	R1,694	R2,333	R2,736	R15,407
Georgia	R3,629	R3,761	R4,631	R6,473	R9,578	R19,793	R26,077	R118,028
Hawaii	45	45	44	51	49	47	52	572
Idaho	R524	R587	R893	R1,308	R2,566	R3,284	R4,525	23,482
Illinois	R7,828	R9,530	R15,847	R30,371	R41,363	R62,741	R79,025	400,876
Indiana	R2,033	R2,231	R4,740	R9,341	R11,656	R21,371	R27,469	133,045
Iowa	R1,178	R1,181	R2,249	R4,664	R6,787	R10,221	R13,266	R62,735
Kansas	R1,079	R1,376	R2,084	R2,598	R5,100	R8,618	R12,771	R58,384
Kentucky	R723	R812	R1,491	R2,634	R4,655	R8,533	R10,651	49,426
Louisiana	R1,182	R1,240	R1,482	R1,903	R2,611	R4,882	R7,422	R36,858
Maine	R50	R60	R136	R255	R330	R388	R436	2,700
Maryland	R1,484	R1,784	R3,341	R5,421	R7,549	R13,589	R16,769	82,858
Massachusetts	R2,440	R2,802	R5,617	R10,051	R13,735	R18,067	R19,399	126,662
Michigan	R5,406	R5,587	R12,193	R27,261	R33,138	R47,643	R55,201	312,098
Minnesota	R2,306	R2,944	R4,253	R9,873	R12,540	R19,714	R23,813	R117,588
Mississippi	R594	740	R816	943	R1,732	R3,311	R5,165	23,248
Missouri	R1,637	R1,919	R2,869	R4,944	R8,665	R14,460	R20,999	95,503
Montana	R400	R515	R934	R1,288	R2,008	R2,291	R3,158	R18,912
Nebraska	R713	R905	R1,371	R2,324	R3,500	R5,465	R7,072	34,663
Nevada	R1,269	R1,518	R1,993	R2,500	R3,524	R5,658	R8,540	37,029
New Hampshire	R130	R168	R294	R606	R806	R1,101	R1,293	7,842
New Jersey	R5,739	R6,416	R10,809	R17,908	R23,954	R34,983	R42,724	237,104
New Mexico	R839	R1,085	R1,546	R2,179	R3,342	R4,965	R6,739	33,130
New York	R10,735	R12,749	R22,011	R36,765	R47,350	R66,423	R74,285	R452,166
North Carolina	R1,047	R1,222	R1,657	R3,302	R5,133	R12,917	R16,193	64,523
North Dakota	R162	R181	R375	R770	R1,076	R1,509	R1,957	10,552
Ohio	R4,237	R4,868	R10,509	R21,446	R26,913	R44,163	R54,300	285,306
Oklahoma	R1,114	R1,369	R1,759	R2,369	R4,616	R7,604	R11,999	R59,399
Oregon	R920	R1,127	R1,550	R2,244	R4,524	R4,904	R6,827	R37,070
Pennsylvania	R4,156	R5,190	R9,401	R16,928	R22,481	R37,255	R44,428	R235,669
Rhode Island	R268	R325	R746	R1,498	R1,935	R2,791	R3,320	20,042
South Carolina	R447	R499	R719	R1,342	R2,282	R5,686	R6,866	R28,414
South Dakota	R196	R230	R523	R973	R1,303	R1,766	R2,289	11,751
Tennessee	R1,004	R1,158	R1,627	R3,108	R5,468	R11,344	R15,077	R67,312
Texas	R5,756	R7,078	R7,373	R11,583	R16,632	R30,066	R41,424	R211,379
Utah	R1,714	R1,463	R2,994	R4,451	R6,228	R9,030	R12,419	58,562
Vermont	R93	R113	R204	R362	R395	R562	R598	3,833
Virginia	R1,429	R2,052	R2,969	R5,421	R8,173	R14,427	R17,158	85,464
Washington	R1,855	R2,300	R3,170	4,151	R8,903	R9,271	R12,921	R71,907
West Virginia	R363	R371	R726	R1,783	R2,617	R4,160	R5,275	24,807
Wisconsin	R2,362	R2,605	R5,058	R11,245	R14,397	R19,947	R25,007	126,854
Wyoming	R231	R294	R772	R979	R1,333	R1,530	R1,963	11,576
Total	R106,369	R122,582	R193,829	R327,916	R454,829	R689,836	R878,664	R4,612,888

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2015-2017

(million cubic feet) – continued

State	2015							
	December	November	October	September	August	July	June	May
Alabama	3,496	2,082	957	711	706	721	765	1,113
Alaska	2,683	2,317	1,429	1,040	531	499	589	883
Arizona	6,667	3,134	1,345	1,080	978	1,066	1,320	1,821
Arkansas	4,266	2,361	795	586	557	598	667	942
California	73,056	44,392	19,235	17,032	17,399	18,932	20,889	27,358
Colorado	22,545	16,187	5,800	2,924	2,403	2,633	3,115	7,343
Connecticut	4,749	3,846	2,101	948	970	1,089	1,330	2,112
Delaware	1,049	772	406	168	178	175	194	289
District of Columbia	1,456	994	567	276	262	264	256	456
Florida	1,459	1,233	1,096	641	643	844	880	946
Georgia	11,963	10,265	5,883	3,800	3,751	3,663	3,679	4,354
Hawaii	47	44	44	41	43	45	46	46
Idaho	4,842	3,704	1,017	652	367	494	521	900
Illinois	50,976	36,127	18,138	8,118	7,790	7,959	9,419	13,194
Indiana	16,792	11,707	5,768	2,419	2,008	2,172	2,309	3,713
Iowa	9,057	5,498	2,408	1,279	1,052	1,189	1,394	2,157
Kansas	8,933	5,587	2,180	1,596	1,442	1,151	1,380	1,854
Kentucky	5,853	4,167	1,640	885	889	899	900	1,217
Louisiana	3,762	2,384	1,537	1,356	1,205	1,295	1,288	1,679
Maine	315	246	145	48	48	49	71	95
Maryland	8,376	6,235	3,881	1,542	1,580	1,657	1,783	2,200
Massachusetts	12,658	9,466	5,833	2,486	2,463	2,641	3,330	4,364
Michigan	35,475	28,390	16,422	6,006	5,872	5,572	6,616	10,476
Minnesota	17,835	10,603	5,140	2,331	2,553	2,292	2,435	3,958
Mississippi	2,448	1,833	833	728	589	620	652	718
Missouri	12,940	7,731	3,096	1,646	1,729	1,595	1,807	2,514
Montana	3,283	2,652	1,049	497	381	385	404	909
Nebraska	5,620	2,921	1,081	683	695	809	971	1,343
Nevada	7,344	4,218	1,449	1,228	1,189	1,120	1,497	1,901
New Hampshire	884	680	251	153	146	151	186	244
New Jersey	22,176	16,145	8,928	4,507	4,589	5,481	6,160	8,995
New Mexico	6,207	3,759	1,247	829	840	808	1,262	1,572
New York	44,302	33,880	20,674	10,202	10,144	10,330	13,069	18,251
North Carolina	6,836	6,169	2,737	1,092	1,214	1,016	1,123	1,308
North Dakota	1,698	1,060	509	199	209	168	205	447
Ohio	30,726	22,078	12,188	4,677	4,717	5,012	6,095	9,819
Oklahoma	9,337	5,701	1,814	1,240	1,227	1,204	1,328	1,937
Oregon	6,927	5,719	1,763	1,189	821	840	963	1,694
Pennsylvania	24,492	18,222	11,557	4,797	4,063	4,148	5,380	7,626
Rhode Island	1,952	1,632	1,063	391	404	437	498	577
South Carolina	3,129	2,461	1,070	569	531	520	514	712
South Dakota	2,016	1,174	478	228	219	190	278	508
Tennessee	7,708	4,811	1,967	1,155	995	1,033	1,202	1,606
Texas	28,033	11,027	6,334	5,401	4,875	6,479	6,360	6,857
Utah	12,346	8,345	2,015	1,329	1,555	1,634	1,958	3,129
Vermont	402	294	168	81	74	89	107	156
Virginia	8,151	6,455	3,540	1,903	1,475	1,526	1,649	2,226
Washington	12,469	11,216	4,199	2,613	1,637	1,700	1,914	3,103
West Virginia	2,449	2,120	1,235	385	337	243	416	668
Wisconsin	16,449	11,077	6,091	2,502	2,310	2,478	2,481	4,550
Wyoming	2,277	1,489	437	300	199	244	410	731
Total	590,911	406,610	201,540	108,491	102,855	108,160	124,066	177,570

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2015-2017
(million cubic feet) – continued

State	2015			
	April	March	February	January
Alabama	R1,697	R3,863	R8,552	R8,087
Alaska	1,473	2,174	2,212	2,743
Arizona	2,191	R3,201	R4,276	R7,436
Arkansas	R1,634	R4,846	R7,718	R8,080
California	29,622	32,140	40,902	60,216
Colorado	8,503	12,871	16,449	21,591
Connecticut	4,766	8,749	10,279	10,035
Delaware	754	2,076	2,533	2,665
District of Columbia	866	2,046	2,886	3,166
Florida	R1,246	R1,397	R2,502	R2,518
Georgia	5,538	12,196	R26,723	R26,214
Hawaii	54	51	52	60
Idaho	1,736	2,203	2,701	4,346
Illinois	26,783	54,278	85,540	82,554
Indiana	8,643	18,560	29,649	29,303
Iowa	4,112	R7,952	R13,542	R13,093
Kansas	R2,529	R7,324	R11,566	R12,843
Kentucky	2,309	7,078	12,025	11,564
Louisiana	R1,884	R4,337	R7,572	R8,561
Maine	224	404	529	526
Maryland	4,975	12,967	19,141	18,521
Massachusetts	10,124	20,986	26,240	26,072
Michigan	22,109	42,465	68,402	64,293
Minnesota	R8,178	R15,011	R23,784	23,468
Mississippi	1,060	3,058	4,909	5,799
Missouri	6,206	15,779	20,729	19,731
Montana	R1,457	R1,959	R2,620	R3,317
Nebraska	2,137	4,219	6,971	7,214
Nevada	2,366	3,384	4,287	7,046
New Hampshire	596	1,197	1,665	1,691
New Jersey	21,273	41,241	50,550	47,059
New Mexico	1,919	3,422	5,014	6,249
New York	R36,470	R74,731	R91,107	R89,006
North Carolina	2,814	7,387	17,363	15,464
North Dakota	720	1,277	2,055	2,006
Ohio	22,267	47,720	61,207	58,799
Oklahoma	2,647	R6,955	R12,794	R13,215
Oregon	R3,242	R3,525	R4,166	R6,219
Pennsylvania	R17,159	R37,965	R51,857	R48,403
Rhode Island	1,426	3,296	4,154	4,211
South Carolina	R1,104	R3,299	R7,323	R7,182
South Dakota	783	1,358	2,162	2,357
Tennessee	R3,088	R9,122	R18,022	R16,604
Texas	10,986	R34,514	R36,891	R53,622
Utah	4,515	5,112	6,449	10,176
Vermont	367	610	760	725
Virginia	4,750	13,596	20,861	19,331
Washington	R5,971	R7,225	R8,079	R11,781
West Virginia	1,631	4,563	5,640	5,121
Wisconsin	9,496	16,213	27,502	25,705
Wyoming	888	1,177	1,457	1,966
Total	R319,285	R633,081	R902,364	R937,954

^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: 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, 2015-2017

(million cubic feet)

State	2017	2016	2015	2017				
	7-Month YTD	7-Month YTD	7-Month YTD	July	June	May	April	March
Alabama	NA	14,382	16,471	1,070	NA	NA	NA	R2,339
Alaska	10,496	8,785	10,662	639	R672	R1,007	R1,318	R2,241
Arizona	19,040	19,049	18,112	1,866	R1,970	R2,289	R2,541	R2,949
Arkansas	NA	27,181	30,365	2,634	R2,677	NA	R3,026	R4,379
California	134,383	134,135	132,653	14,802	R14,653	R16,097	R17,114	R19,797
Colorado	31,689	33,951	32,303	1,657	R1,760	R3,101	R4,084	R5,265
Connecticut	32,721	30,196	35,468	2,479	R2,354	R2,779	R3,884	R7,148
Delaware	7,580	7,192	7,648	498	559	717	747	1,685
District of Columbia	8,681	9,788	11,142	788	784	933	1,005	R1,697
Florida	37,049	37,821	36,587	4,500	R4,662	R4,926	R5,317	R5,892
Georgia	27,761	32,357	35,983	2,172	2,223	R2,601	2,827	R5,440
Hawaii	NA	1,094	1,133	159	NA	157	164	173
Idaho	11,588	9,877	9,332	694	R709	R945	R1,330	R1,740
Illinois	127,501	131,105	144,642	7,696	R7,567	R12,884	R13,530	R25,935
Indiana	43,064	44,934	53,224	2,234	R2,441	R3,578	R4,425	R9,282
Iowa	29,499	30,014	32,196	1,623	R1,781	R2,319	R3,328	R5,890
Kansas	21,112	21,089	22,587	1,671	R1,658	R1,874	R2,630	R3,579
Kentucky	18,248	20,610	24,439	1,043	R1,101	R1,339	R1,662	R3,889
Louisiana	NA	17,112	18,325	1,868	NA	R2,113	R2,147	R2,701
Maine	5,638	5,375	6,791	296	325	472	712	R1,322
Maryland	NA	43,435	46,989	NA	R2,967	R4,094	R4,183	R9,413
Massachusetts	68,589	63,068	70,882	3,979	R4,120	R6,084	R7,681	R16,774
Michigan	101,601	101,998	117,769	5,112	R6,084	R8,967	R11,420	R22,292
Minnesota	60,814	58,557	61,464	2,878	R3,137	R4,883	R7,512	R12,382
Mississippi	9,754	11,093	12,661	890	R905	R1,103	R990	R1,780
Missouri	NA	34,380	41,130	2,041	2,196	R2,786	R3,243	R6,391
Montana	13,920	11,897	11,468	675	758	1,102	R1,722	R2,492
Nebraska	18,979	16,597	19,005	1,075	R1,256	R1,573	R2,224	R3,315
Nevada	19,418	18,770	17,340	1,743	1,891	2,169	2,573	3,061
New Hampshire	5,738	5,329	6,868	201	251	446	592	1,509
New Jersey	NA	94,395	115,753	5,927	6,216	7,843	9,544	21,049
New Mexico	13,437	13,881	14,056	1,061	1,010	1,275	R1,718	R1,957
New York	189,704	181,869	209,870	14,359	R14,733	R18,286	R21,629	R41,538
North Carolina	NA	34,165	35,920	NA	R2,341	R2,946	R2,945	R6,106
North Dakota	7,749	6,980	8,017	310	R324	R494	R902	R1,662
Ohio	89,185	95,342	119,459	4,606	R4,955	R7,067	R8,316	R20,541
Oklahoma	22,654	23,214	27,398	1,542	R1,640	R1,957	R2,426	R3,545
Oregon	19,407	15,375	14,528	885	1,188	1,664	2,452	3,299
Pennsylvania	90,639	87,801	104,680	5,056	R5,315	R7,497	R9,282	R20,924
Rhode Island	7,251	6,910	8,717	268	305	550	769	1,932
South Carolina	13,340	14,297	15,171	1,407	R1,424	R1,524	R1,505	R2,510
South Dakota	6,430	6,270	6,588	299	337	R483	R748	R1,281
Tennessee	27,458	30,513	35,908	2,110	R2,179	R2,628	R2,572	R5,369
Texas	NA	101,228	113,670	10,488	R10,237	R11,270	R12,197	R14,673
Utah	23,327	23,448	20,365	1,248	1,682	1,908	3,089	3,331
Vermont	NA	3,628	3,611	295	NA	336	379	782
Virginia	NA	41,658	45,625	NA	R3,122	R3,639	R3,874	R7,885
Washington	35,998	29,580	28,487	2,194	R2,433	R3,461	R4,726	R6,353
West Virginia	12,915	14,089	15,427	952	R1,002	R1,201	R1,533	R2,710
Wisconsin	54,021	55,565	61,244	2,869	R3,054	R4,477	R6,288	R11,194
Wyoming	9,167	8,044	7,501	423	R535	R965	R1,128	R1,748
Total	1,881,805	1,889,426	2,097,631	134,481	R139,020	R179,211	R213,255	R373,140

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2015-2017

(million cubic feet) – continued

State	2017			2016				
	February	January	Total	December	November	October	September	August
Alabama	R2,121	R3,075	R23,552	R3,314	R2,275	R1,505	R1,029	R1,046
Alaska	R2,064	R2,554	R15,953	2,277	R1,986	R1,400	R866	R639
Arizona	R3,412	R4,012	R30,938	R3,655	R2,662	R1,998	R1,804	R1,771
Arkansas	R4,508	R6,283	R45,810	R6,232	R4,036	R3,025	R2,733	R2,603
California	R22,215	R29,705	R236,967	R28,870	R22,310	R17,301	R16,692	R17,658
Colorado	R6,275	R9,547	R54,265	R9,066	R5,115	R2,824	R1,813	R1,495
Connecticut	R6,442	R7,635	R50,258	R7,106	R4,847	R3,180	R2,466	R2,462
Delaware	1,497	1,877	R12,340	R1,865	R1,259	R862	R596	R566
District of Columbia	R1,499	1,976	R15,648	R2,011	R1,577	R898	R675	R699
Florida	R5,491	R6,261	R62,526	R5,911	R5,251	R4,707	R4,552	R4,284
Georgia	R5,210	R7,289	R51,325	R7,639	R4,603	R2,574	R2,086	R2,066
Hawaii	164	185	1,926	170	165	162	171	163
Idaho	R2,456	R3,714	R17,598	R3,274	R1,658	R1,266	R811	R712
Illinois	R24,500	R35,389	R212,482	R34,996	R17,390	R12,701	R8,285	R8,004
Indiana	R8,366	R12,736	R74,131	R13,291	R6,367	R4,327	R2,719	R2,493
Iowa	R6,097	R8,460	R49,414	R8,370	R4,182	R2,970	R2,052	R1,826
Kansas	R3,652	R6,048	R34,762	R5,921	R2,682	R1,968	R1,540	R1,563
Kentucky	R3,822	R5,391	R33,520	R5,921	R2,990	R1,697	R1,176	R1,126
Louisiana	R2,386	R3,307	R28,931	R3,403	R2,448	R2,095	R1,903	R1,970
Maine	R1,177	1,334	R8,559	R1,319	R771	R523	R291	R280
Maryland	R7,893	R10,188	R70,500	R9,758	R6,917	R4,184	R3,228	R2,978
Massachusetts	R13,799	R16,151	R104,850	R15,481	R10,334	R7,338	R4,424	R4,205
Michigan	R21,160	R26,565	R158,630	R24,656	R13,188	R8,231	R5,366	R5,189
Minnesota	R12,973	R17,049	R92,529	R14,773	R8,027	R5,388	R2,946	R2,838
Mississippi	R1,708	R2,379	R18,126	R2,368	R1,610	R1,096	R988	R972
Missouri	NA	R10,361	R56,967	R10,062	R5,473	R2,951	R1,981	R2,119
Montana	R3,048	R4,123	R21,314	R3,947	R2,238	R1,556	R934	R742
Nebraska	R4,006	R5,531	R26,971	R4,892	R2,339	R1,259	R954	R930
Nevada	3,493	4,488	R31,125	R4,003	R2,639	R2,154	R1,836	R1,723
New Hampshire	1,222	1,517	R8,509	R1,486	R892	R365	R234	R203
New Jersey	R18,310	NA	R153,096	R23,599	R11,716	R7,835	R7,339	R8,213
New Mexico	R2,477	R3,938	R24,954	R3,981	R3,335	R1,535	R1,170	R1,053
New York	R36,890	R42,269	R300,588	R39,787	R27,178	R20,612	R14,883	R16,258
North Carolina	R5,093	R7,501	R55,876	R7,469	R5,301	R3,359	R2,791	R2,790
North Dakota	R1,723	R2,333	R11,810	R2,344	R1,034	R795	R356	R300
Ohio	R18,469	R25,232	R152,478	R24,165	R14,606	R8,566	R4,898	R4,902
Oklahoma	R4,432	R7,113	R38,510	R7,033	R2,991	R1,952	R1,683	R1,638
Oregon	4,087	5,831	R26,667	R5,055	R2,520	R1,949	R1,071	R697
Pennsylvania	R19,194	R23,371	R142,724	R23,326	R13,681	R8,461	R4,846	R4,608
Rhode Island	R1,540	1,887	R10,744	R1,843	R1,019	R572	R233	R167
South Carolina	R2,129	R2,841	R23,734	R2,840	R2,424	R1,588	R1,284	R1,300
South Dakota	R1,330	R1,952	R10,439	R1,968	R964	R590	R349	R298
Tennessee	R5,277	R7,323	R49,810	R8,029	R4,716	R2,548	R2,049	R1,956
Texas	NA	NA	164,306	R19,803	R12,852	R10,574	R9,927	R9,923
Utah	4,490	7,579	R39,066	R7,032	R4,221	R1,971	R1,358	R1,036
Vermont	685	822	6,251	R845	R575	R495	R353	R355
Virginia	R6,969	R9,380	R67,553	R8,360	R7,392	R4,448	R2,939	R2,755
Washington	R7,399	R9,432	R51,634	R8,702	R4,816	R3,829	R2,517	R2,191
West Virginia	R2,495	R3,021	R22,698	R3,151	R2,079	R1,356	R1,007	R1,016
Wisconsin	R10,826	R15,314	R88,701	R14,628	R7,423	R4,884	R3,142	R3,060
Wyoming	R1,920	R2,448	R13,425	R2,257	R1,252	R850	R555	R467
Total	R361,451	R481,247	R3,105,487	R462,253	R280,328	R191,273	R141,901	R140,306

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2015-2017

(million cubic feet) – continued

State	2016							2015
	July	June	May	April	March	February	January	Total
Alabama	R1,008	R1,172	R1,236	R1,487	R1,813	R3,085	R4,582	R25,162
Alaska	566	664	R826	R1,201	1,664	R1,753	2,110	18,472
Arizona	R1,783	R1,923	R2,180	R2,477	R2,789	R3,422	R4,474	R30,536
Arkansas	R2,469	R2,562	R2,880	R3,144	R4,237	R5,574	R6,314	47,651
California	R15,665	R16,004	R16,480	R17,220	R20,551	R21,465	R26,750	R235,791
Colorado	R1,638	R1,834	3,121	R4,605	R6,190	R7,277	R9,285	R53,968
Connecticut	R2,444	R2,106	R2,826	R3,746	R5,111	R6,810	R7,154	52,453
Delaware	R519	R516	R668	R898	R1,071	R1,595	R1,926	11,731
District of Columbia	R688	R639	R877	R1,222	R1,297	R2,469	R2,596	17,113
Florida	R4,640	R4,548	R4,880	R5,280	R5,668	R6,134	R6,672	R60,233
Georgia	R2,006	R2,051	R2,437	R3,220	R4,391	R7,910	R10,340	R53,745
Hawaii	155	154	151	162	157	155	159	1,908
Idaho	R668	R664	R865	R1,009	R1,733	R2,111	R2,827	16,708
Illinois	R7,989	R7,350	R10,639	R16,018	R21,673	R31,000	R36,435	215,218
Indiana	R2,087	R2,176	R3,276	R5,161	R6,490	R11,408	R14,337	R77,552
Iowa	R1,758	R1,604	R2,134	R3,532	R4,934	R7,130	R8,921	R49,165
Kansas	R1,512	R1,628	R1,960	R2,102	R2,925	R4,639	R6,322	R37,047
Kentucky	R1,065	R1,012	R1,522	R1,798	R3,178	R5,410	R6,625	35,435
Louisiana	R1,785	R1,816	R2,110	R2,137	R2,248	R2,778	R4,238	R30,270
Maine	R284	R311	R471	R789	R1,018	R1,168	R1,333	10,072
Maryland	R2,882	R3,249	R4,159	R5,515	R6,514	R9,691	R11,425	70,199
Massachusetts	R3,926	R3,830	R5,716	R8,832	R10,662	R13,977	R16,124	R105,171
Michigan	R5,033	R5,240	R8,587	R14,404	R18,469	R24,381	R25,883	168,360
Minnesota	R2,672	R3,073	R4,571	R7,286	R10,258	R14,105	R16,593	R93,005
Mississippi	R948	R1,158	R1,191	R1,018	R1,434	R2,207	R3,137	R19,727
Missouri	R2,040	R2,034	R2,666	R3,235	R5,204	R8,516	R10,685	R61,389
Montana	R732	R764	R1,136	R1,461	R2,230	R2,390	R3,184	R19,502
Nebraska	R960	R1,048	R1,267	R1,817	R2,565	R3,846	R5,094	29,464
Nevada	R1,771	R1,783	R2,183	R2,421	R2,801	R3,408	R4,404	29,873
New Hampshire	R200	R248	R381	R716	R962	R1,283	R1,539	9,630
New Jersey	R8,165	R7,963	R8,929	R11,456	R15,021	R19,959	R22,901	163,223
New Mexico	R1,009	R1,117	R1,249	R1,558	R2,196	R2,813	R3,940	25,038
New York	R14,940	R14,800	R16,724	R23,130	R28,014	R39,025	R45,237	R311,207
North Carolina	R2,584	R2,582	R2,878	R3,743	R4,280	R7,912	R10,185	55,114
North Dakota	R303	R296	R422	R1,026	R1,189	R1,629	R2,115	12,317
Ohio	R4,193	R4,162	R6,640	R12,084	R14,927	R23,498	R29,839	166,602
Oklahoma	R1,480	R1,558	R2,083	R2,206	R3,428	R5,052	R7,407	R41,982
Oregon	R926	R1,046	R1,318	R1,797	R2,922	R3,165	R4,202	R25,602
Pennsylvania	R4,420	R4,911	R6,756	R10,707	R13,278	R21,407	R26,322	R152,091
Rhode Island	R174	R234	R549	R977	R1,247	R1,747	R1,983	12,016
South Carolina	R1,135	R1,255	R1,395	R1,849	R1,845	R2,982	R3,836	R23,752
South Dakota	R299	R302	R482	R820	R1,053	R1,395	R1,918	10,434
Tennessee	R1,947	R1,945	R2,522	R2,854	R4,181	R7,280	R9,785	R53,049
Texas	R9,968	11,212	R10,433	R12,963	R14,493	R18,720	R23,439	R175,883
Utah	R1,245	R1,083	R2,026	R2,794	R4,002	R5,361	R6,937	35,772
Vermont	R350	R310	R290	520	R523	R724	R911	5,918
Virginia	R2,736	R3,135	R3,411	R5,150	R6,295	R9,336	R11,595	69,107
Washington	R2,289	R2,466	R2,854	R3,114	R5,553	R5,868	R7,436	R49,939
West Virginia	R1,075	R998	R1,226	R1,656	R2,326	R3,060	R3,747	R23,026
Wisconsin	R2,867	R3,162	R4,578	R7,206	R9,266	R13,211	R15,274	90,175
Wyoming	R430	R434	R856	R1,107	R1,521	R1,635	R2,061	12,937
Total	R134,427	R138,131	R171,017	R232,634	R297,803	R412,876	R502,539	R3,201,734

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2015-2017
(million cubic feet) – continued

State	2015							
	December	November	October	September	August	July	June	May
Alabama	R2,421	R2,372	R1,549	R1,201	R1,147	R1,117	R1,114	R1,418
Alaska	2,469	2,028	1,393	1,202	717	662	574	1,147
Arizona	R4,131	R3,015	1,918	R1,709	R1,651	1,758	1,878	R2,204
Arkansas	4,918	4,033	3,163	2,654	2,517	2,388	2,405	2,654
California	R29,484	26,091	16,134	15,078	16,351	15,782	16,147	19,132
Colorado	R9,183	R6,634	R2,794	R1,646	R1,408	R1,521	R1,953	R3,507
Connecticut	4,915	4,024	3,080	2,515	2,451	2,321	2,239	2,611
Delaware	1,234	1,117	852	453	429	393	429	422
District of Columbia	1,611	1,563	1,230	798	770	712	821	725
Florida	R5,360	R4,938	R4,738	R4,206	R4,405	R4,483	R4,668	R4,571
Georgia	R5,195	R4,704	R3,165	R2,421	R2,277	R2,162	R2,094	R2,626
Hawaii	167	148	152	153	156	159	154	151
Idaho	2,812	2,140	1,102	718	603	627	685	850
Illinois	24,423	18,019	12,469	7,827	7,840	7,358	7,293	9,179
Indiana	R8,326	R6,376	R4,689	R2,766	2,171	R2,357	R2,309	R2,726
Iowa	R6,364	R4,259	R3,103	R1,748	R1,495	R1,597	R1,804	R2,108
Kansas	R4,856	R2,976	R2,551	R1,927	R2,149	R1,709	R1,288	R1,722
Kentucky	3,735	3,061	1,788	1,208	1,205	1,192	1,125	1,202
Louisiana	R2,917	R2,739	R2,247	R2,175	R1,868	R1,772	R1,869	R2,068
Maine	1,006	816	597	435	428	417	407	389
Maryland	6,638	5,903	4,720	2,962	2,986	2,943	2,840	2,956
Massachusetts	R9,988	R9,161	R7,299	R3,972	R3,869	R3,883	R4,033	R4,407
Michigan	17,807	13,062	9,169	5,182	5,372	5,034	5,423	7,299
Minnesota	12,435	8,304	5,158	2,760	2,884	2,516	2,609	3,970
Mississippi	R1,803	R1,744	R1,304	R1,169	R1,046	R961	R1,015	R1,068
Missouri	7,357	5,298	3,331	2,112	2,161	1,881	1,840	2,368
Montana	R3,104	R2,504	R1,157	R687	R582	R595	R583	R988
Nebraska	4,117	2,718	1,616	964	1,044	1,264	1,281	1,460
Nevada	4,045	3,114	1,977	1,674	1,722	1,610	1,839	2,119
New Hampshire	1,050	850	389	240	233	229	274	308
New Jersey	13,604	11,164	8,406	7,123	7,173	7,475	6,556	7,304
New Mexico	4,115	3,137	1,608	1,053	1,068	980	1,240	1,356
New York	R28,987	R24,517	19,000	R14,008	14,826	14,458	13,026	15,674
North Carolina	4,403	5,334	4,116	2,889	2,452	2,487	2,867	2,488
North Dakota	1,799	1,208	664	320	310	307	313	580
Ohio	16,202	12,682	9,078	4,465	4,716	4,679	5,217	6,476
Oklahoma	5,631	R3,758	2,030	1,599	R1,566	1,530	1,541	R1,941
Oregon	R4,159	R3,326	R1,499	R1,175	R916	R934	R974	R1,539
Pennsylvania	R14,839	R12,873	9,859	R5,197	R4,642	4,390	R5,155	5,766
Rhode Island	1,132	1,030	638	247	253	262	309	385
South Carolina	R1,894	R2,122	R1,815	R1,371	R1,380	R1,316	R1,299	R1,516
South Dakota	1,546	1,114	565	312	310	305	323	498
Tennessee	R5,192	R4,635	R3,033	2,225	2,057	R2,040	2,141	2,453
Texas	R18,914	R13,714	R10,532	R9,633	R9,420	R10,649	R10,620	R10,214
Utah	6,958	4,785	1,491	1,003	1,170	1,181	1,387	2,168
Vermont	583	554	520	334	316	340	323	204
Virginia	6,201	6,155	4,889	3,592	2,646	2,716	2,644	2,813
Washington	R7,681	R6,040	R3,218	R2,520	R1,994	R2,067	R2,406	R2,940
West Virginia	R2,053	R1,965	R1,580	R1,131	R869	R1,003	R813	R1,128
Wisconsin	10,348	7,772	4,983	2,866	2,963	2,781	2,840	3,791
Wyoming	2,395	1,637	604	503	298	422	461	919
Total	R352,506	R283,231	R194,961	R138,126	R135,279	R133,728	R135,446	R160,511

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2015-2017
(million cubic feet) – continued

State	2015			
	April	March	February	January
Alabama	R1,446	R2,148	R4,712	R4,516
Alaska	1,548	2,268	1,992	2,473
Arizona	2,422	R2,786	R3,083	R3,981
Arkansas	3,183	5,328	7,068	7,338
California	R18,080	18,893	19,598	R25,021
Colorado	R3,869	R5,455	R7,064	R8,934
Connecticut	4,444	7,321	8,272	8,259
Delaware	770	1,504	2,097	2,031
District of Columbia	1,010	2,184	2,648	3,043
Florida	R5,074	R5,402	R6,078	R6,311
Georgia	R3,298	R5,480	R10,135	R10,187
Hawaii	168	165	157	179
Idaho	1,235	1,477	1,770	2,687
Illinois	15,102	27,346	39,507	38,856
Indiana	R5,094	R9,954	R15,393	R15,390
Iowa	R3,158	R5,800	R9,104	R8,625
Kansas	R1,900	R3,805	R5,825	R6,338
Kentucky	1,739	4,345	7,562	7,275
Louisiana	R2,032	R2,553	R3,738	R4,292
Maine	833	1,405	1,665	1,676
Maryland	4,954	9,783	11,814	11,699
Massachusetts	R7,663	R14,506	R18,213	R18,175
Michigan	13,744	23,965	31,717	30,587
Minnesota	R6,600	11,399	17,900	16,471
Mississippi	R1,130	R2,148	R3,007	R3,332
Missouri	4,330	8,620	11,594	10,496
Montana	R1,404	R2,060	R2,586	R3,252
Nebraska	1,957	3,127	4,904	5,012
Nevada	2,411	2,642	2,902	3,817
New Hampshire	673	1,455	1,955	1,975
New Jersey	15,286	22,572	28,279	28,280
New Mexico	1,488	2,093	3,063	3,836
New York	22,349	R41,824	R50,726	51,813
North Carolina	3,421	5,408	10,110	9,139
North Dakota	833	1,491	2,229	2,264
Ohio	12,865	24,200	33,326	32,696
Oklahoma	2,349	R4,768	7,445	R7,824
Oregon	R2,193	R2,373	R2,770	R3,745
Pennsylvania	R10,553	R21,190	R29,768	R27,858
Rhode Island	872	1,949	2,477	2,463
South Carolina	R1,585	R2,153	R3,690	R3,611
South Dakota	672	1,103	1,771	1,916
Tennessee	2,928	R5,638	R10,806	R9,901
Texas	R12,629	R20,419	R21,751	R27,388
Utah	3,027	3,004	3,979	5,620
Vermont	370	675	810	889
Virginia	4,015	8,607	12,727	12,102
Washington	R4,169	R4,776	R5,302	R6,825
West Virginia	R1,740	R3,181	R3,870	R3,693
Wisconsin	6,601	11,827	16,777	16,627
Wyoming	986	1,196	1,603	1,913
Total	R232,201	R385,772	R517,341	R532,631

^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: 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, 2015-2017

(million cubic feet)

State	2017	2016	2015	2017				
	7-Month YTD	7-Month YTD	7-Month YTD	July	June	May	April	March
Alabama	114,519	115,481	110,314	15,719	R15,813	R16,313	R15,892	R17,421
Alaska	1,548	2,073	2,944	63	200	221	237	281
Arizona	11,435	11,580	11,955	1,333	R1,350	R1,562	R1,585	R1,756
Arkansas	52,624	51,025	51,084	6,887	R7,073	R7,490	R7,215	R7,685
California	430,531	439,696	444,915	64,201	R60,178	R62,230	R60,226	R62,828
Colorado	48,674	47,238	45,978	5,091	R5,196	R6,455	R6,862	R7,536
Connecticut	14,532	14,246	16,009	1,749	R1,690	R1,755	R1,847	R2,632
Delaware	NA	18,134	19,729	2,271	2,424	2,316	NA	2,353
District of Columbia	0	0	0	0	0	0	0	0
Florida	59,466	60,765	57,018	8,033	R7,672	R8,370	R8,295	R9,171
Georgia	89,320	90,335	92,453	12,355	R12,729	R12,484	R11,912	R13,925
Hawaii	315	316	248	45	45	46	42	47
Idaho	20,848	19,774	16,954	2,472	2,455	2,741	2,819	3,183
Illinois	144,572	149,140	159,866	16,732	R17,032	R18,843	R19,630	R23,228
Indiana	213,493	225,567	225,649	27,598	R26,309	R27,923	R29,677	R33,846
Iowa	129,858	105,461	105,201	17,845	R17,647	R18,182	R17,984	R20,009
Kansas	73,540	71,713	70,011	11,725	R10,162	R9,180	R9,756	R10,585
Kentucky	66,577	68,314	70,467	8,020	R8,492	R9,215	R9,052	R10,458
Louisiana	NA	609,468	544,504	90,495	NA	R89,125	R87,863	R90,263
Maine	9,758	11,181	13,121	1,240	1,133	1,171	1,375	1,595
Maryland	9,012	9,102	8,856	1,177	R1,287	R1,228	R1,035	R1,528
Massachusetts	29,153	28,053	28,629	2,489	R2,707	R3,200	R4,311	R5,605
Michigan	NA	102,145	105,534	NA	R10,846	R12,433	R13,052	R17,541
Minnesota	97,535	98,070	93,150	12,236	R12,610	R12,849	R13,729	R14,907
Mississippi	74,557	68,871	70,171	10,169	R10,208	R10,849	R10,556	R11,143
Missouri	37,024	38,253	40,111	4,402	R4,362	R4,717	R4,873	R5,916
Montana	10,609	11,878	12,171	1,709	1,382	1,089	1,261	1,628
Nebraska	51,082	49,448	49,660	7,586	R6,217	R6,868	R7,014	R7,349
Nevada	10,933	10,408	10,354	1,453	1,481	1,469	R1,524	R1,671
New Hampshire	5,115	5,107	5,145	611	R609	R682	R768	R821
New Jersey	NA	35,075	34,309	NA	NA	R4,343	NA	NA
New Mexico	NA	9,430	10,497	1,298	1,253	R1,310	NA	NA
New York	47,500	45,018	52,064	5,636	R5,482	R5,553	R6,428	R8,291
North Carolina	60,438	62,242	61,968	7,806	R8,109	R8,312	R8,284	R9,631
North Dakota	19,890	17,538	18,160	2,578	R2,828	R2,931	R2,983	R3,133
Ohio	164,085	164,562	172,429	19,227	R18,812	R21,307	R22,548	R26,962
Oklahoma	117,093	114,844	105,122	15,656	R16,021	R16,747	R17,220	R17,909
Oregon	34,790	33,575	31,448	4,200	R4,467	R4,819	R4,854	R5,288
Pennsylvania	126,853	123,581	129,379	15,739	R16,016	R16,784	R17,082	R21,013
Rhode Island	NA	4,966	5,178	644	660	666	799	716
South Carolina	52,433	51,416	48,787	7,026	R7,159	R7,454	R7,232	R8,114
South Dakota	26,398	25,747	26,014	3,573	R3,554	R3,648	R3,616	R3,916
Tennessee	78,763	71,276	68,890	10,423	R10,618	R10,984	R10,625	R11,930
Texas	NA	937,876	927,011	143,670	R140,620	R133,666	R130,797	R139,913
Utah	23,853	23,047	22,124	3,035	3,112	3,248	R3,480	3,390
Vermont	1,274	1,277	1,184	158	158	158	167	215
Virginia	NA	51,797	50,922	NA	R7,646	R7,698	R7,833	R8,262
Washington	46,169	45,171	43,619	5,922	R5,939	R6,052	R6,263	R6,994
West Virginia	19,998	17,302	15,661	2,686	R2,733	R2,672	R2,488	R3,155
Wisconsin	87,925	83,977	82,416	10,166	R9,878	R10,958	R11,636	R14,939
Wyoming	30,237	29,734	27,530	3,795	R3,838	R4,193	R4,394	R4,732
Total	4,550,970	4,482,296	4,416,912	623,946	R611,048	R624,507	R625,274	R691,124

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2015-2017

(million cubic feet) – continued

State	2017							2016
	February	January	Total	December	November	October	September	August
Alabama	R15,519	R17,843	R192,424	R16,998	R15,514	R15,106	R14,453	R14,872
Alaska	259	286	4,268	466	493	538	436	261
Arizona	R1,782	R2,067	R19,765	1,914	R1,646	R1,663	1,576	R1,386
Arkansas	R7,626	R8,647	R87,876	R8,515	R7,582	R7,052	R6,668	R7,035
California	R56,739	R64,131	R774,504	R66,492	R62,918	R63,793	R68,837	R72,768
Colorado	R7,618	R9,916	R80,432	R9,450	R7,220	R6,110	R5,167	R5,246
Connecticut	R2,216	R2,643	R24,271	R2,672	R2,213	R1,745	R1,663	R1,733
Delaware	2,657	2,888	31,457	R2,776	2,573	2,742	2,659	2,573
District of Columbia	0	0	0	0	0	0	0	0
Florida	R8,170	R9,755	R103,658	R9,226	R8,626	R8,460	R8,150	R8,431
Georgia	R12,308	R13,608	R152,312	R13,487	R12,619	R12,635	R11,517	R11,720
Hawaii	42	48	542	42	41	43	44	56
Idaho	3,276	3,901	R34,761	R3,788	R3,171	R3,117	R2,659	R2,252
Illinois	R22,437	R26,671	254,682	R27,055	R22,153	R20,313	R18,519	R17,502
Indiana	R31,613	R36,527	R370,944	R37,406	R28,292	R24,639	R27,077	R27,962
Iowa	R18,149	R20,042	R189,618	R20,149	R18,448	R16,360	R14,188	R15,012
Kansas	R9,833	R12,297	R123,915	R12,699	R9,872	R9,120	R8,356	R12,156
Kentucky	R9,881	R11,459	R115,201	R11,095	R10,031	R9,001	R8,199	R8,561
Louisiana	R82,437	NA	R1,048,751	R93,853	R88,012	R85,534	R84,515	R87,369
Maine	1,534	1,709	18,983	R1,524	R1,403	R1,697	R1,590	R1,588
Maryland	R1,275	R1,482	15,400	1,666	R1,146	R1,281	R997	R1,207
Massachusetts	R5,135	R5,707	R45,721	R5,209	R4,214	R3,331	R2,495	R2,419
Michigan	R16,396	R19,092	R172,010	R18,447	R14,564	R13,226	R12,155	R11,473
Minnesota	R14,732	R16,471	R162,818	R15,993	R13,769	R12,018	R10,879	R12,090
Mississippi	R10,406	R11,226	R116,117	R10,739	R9,932	8,328	R8,676	R9,571
Missouri	R5,683	R7,070	63,630	R6,733	R5,257	4,458	R4,628	R4,301
Montana	R1,621	1,920	21,208	R1,854	R2,126	1,874	1,835	1,641
Nebraska	R7,603	R8,446	R91,021	R8,390	R8,307	R8,070	R7,639	R9,167
Nevada	R1,516	R1,819	18,327	1,824	R1,517	R1,628	1,510	1,440
New Hampshire	R821	R804	8,454	R770	R724	R651	R620	R582
New Jersey	R4,957	R5,391	R60,910	R5,379	R4,500	R5,405	R5,179	R5,372
New Mexico	R1,244	R1,548	R16,109	R1,523	R1,393	R1,321	R1,232	R1,209
New York	R7,587	R8,522	R77,153	R8,323	R6,779	R6,129	R5,336	R5,568
North Carolina	R8,662	R9,633	R105,504	R9,629	R8,938	R8,625	R7,700	R8,370
North Dakota	R2,426	R3,012	R31,232	R2,620	R3,009	R3,179	R2,848	R2,037
Ohio	R26,017	R29,212	R275,358	R27,698	R23,448	R21,386	R19,351	R18,914
Oklahoma	R15,559	R17,980	R192,257	R17,581	R15,480	R14,948	R13,765	R15,638
Oregon	R5,171	R5,991	R57,760	R5,705	R4,754	R4,920	R4,469	R4,337
Pennsylvania	R19,014	R21,205	R212,253	R20,668	R19,496	R17,368	R14,878	R16,263
Rhode Island	NA	806	8,474	734	677	694	742	662
South Carolina	R7,278	R8,170	R88,148	R7,958	R7,852	R7,159	R6,862	R6,901
South Dakota	R3,796	R4,296	R44,570	R4,108	R3,953	R3,565	R3,536	R3,661
Tennessee	R11,638	R12,546	R122,952	R12,163	R10,537	R9,993	R9,343	R9,639
Texas	R131,228	NA	1,649,759	R154,403	R140,134	R137,211	R136,921	143,214
Utah	3,810	3,779	38,568	3,460	3,201	3,130	2,995	2,735
Vermont	196	222	2,172	217	199	185	153	140
Virginia	R7,874	R7,741	R88,422	R7,668	R7,547	R6,455	R7,527	R7,427
Washington	R6,844	R8,156	R79,275	R7,903	R6,687	7,137	R6,414	R5,964
West Virginia	R2,937	R3,328	R32,281	R3,394	R3,284	R3,013	R2,712	R2,576
Wisconsin	R13,691	R16,657	R143,214	R15,840	R12,341	R11,270	9,824	R9,962
Wyoming	R4,416	R4,868	R52,810	R5,173	R4,938	R4,648	R4,013	R4,304
Total	R644,418	R730,654	R7,722,252	R733,380	R653,529	R622,274	R603,507	R627,266

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2015-2017
(million cubic feet) – continued

State	2016							2015
	July	June	May	April	March	February	January	Total
Alabama	R14,946	R15,399	R16,891	R16,027	R16,858	R16,678	R18,682	R186,819
Alaska	307	363	261	183	237	243	479	4,864
Arizona	R1,334	1,542	1,591	R1,582	R1,708	1,793	R2,030	20,402
Arkansas	R6,546	R6,554	R6,970	R7,074	R7,566	R7,708	R8,607	85,287
California	R66,479	R62,672	R63,228	R61,518	R62,640	R58,879	R64,280	R777,102
Colorado	R5,118	R4,984	R6,141	R6,625	R7,542	R7,704	R9,124	R78,178
Connecticut	R1,685	R1,602	R1,714	R1,921	R2,044	R2,517	R2,764	25,612
Delaware	R2,690	2,333	2,643	2,464	2,666	2,517	2,821	33,126
District of Columbia	0	0	0	0	0	0	0	0
Florida	R8,340	R7,619	R8,566	R8,978	R9,069	R8,655	R9,538	96,124
Georgia	R11,880	R11,832	R12,657	R12,370	R13,414	R13,814	R14,369	R157,937
Hawaii	54	41	47	42	41	44	47	442
Idaho	R2,524	R2,136	R2,462	R2,492	R3,184	R3,333	R3,644	31,664
Illinois	17,556	16,356	R18,795	R20,145	R23,101	R25,486	R27,701	265,900
Indiana	R29,016	R29,034	R31,204	R31,458	R33,807	R34,114	R36,935	372,537
Iowa	R14,346	R14,114	R14,311	R13,989	R15,816	R15,857	R17,028	178,772
Kansas	R11,049	R9,324	R9,217	R9,344	R10,327	R10,669	R11,783	R121,064
Kentucky	R8,169	R8,237	R9,171	R9,448	R10,354	R10,915	R12,020	R116,524
Louisiana	R88,600	R85,219	R87,933	R85,740	R88,206	R83,387	R90,384	R949,421
Maine	R1,569	1,414	1,570	1,602	1,802	1,543	1,681	20,972
Maryland	R1,219	R1,063	R1,202	R1,264	R1,549	R1,456	R1,349	14,765
Massachusetts	R2,475	R2,841	R3,168	R4,147	R4,560	R5,283	R5,579	44,554
Michigan	R10,754	R11,263	R11,856	R14,586	R16,473	R18,124	R19,089	171,196
Minnesota	R12,203	R11,722	R12,508	R13,345	R15,560	R15,368	R17,365	R157,401
Mississippi	R9,591	R9,839	R9,772	R9,647	R9,099	R10,108	R10,815	R121,835
Missouri	R4,453	R4,385	R4,952	R4,936	R5,551	R7,118	R6,858	65,691
Montana	1,661	1,510	R1,658	1,459	1,690	R1,845	R2,055	R21,920
Nebraska	R8,450	R7,126	R6,787	R6,586	R6,724	R6,532	R7,243	85,604
Nevada	1,392	R1,427	R1,477	R1,511	R1,556	R1,442	R1,602	17,724
New Hampshire	R590	564	679	727	805	868	R873	8,386
New Jersey	R5,628	R5,268	R4,364	R4,820	R4,189	R4,745	R6,059	55,368
New Mexico	R1,252	R1,220	R1,297	1,234	R1,437	R1,448	R1,541	17,937
New York	R5,203	R5,138	R4,925	R6,674	R7,463	R7,872	R7,743	R83,058
North Carolina	R7,741	R7,668	R8,439	R8,635	R9,199	R10,057	R10,502	105,103
North Dakota	R2,194	R2,768	R2,795	R2,091	R2,663	R2,274	R2,755	31,660
Ohio	R19,148	R19,685	R21,390	R22,601	R24,828	R27,209	R29,701	276,004
Oklahoma	R15,794	R15,675	R17,306	R16,339	R16,434	R15,496	R17,802	R184,547
Oregon	R4,254	R4,287	R4,591	R4,623	R5,100	R4,997	R5,724	R53,632
Pennsylvania	R14,823	R14,577	R15,739	R17,592	R19,232	R20,513	R21,106	R212,050
Rhode Island	605	652	691	728	760	799	730	8,624
South Carolina	R6,771	R7,010	R7,448	R7,464	R7,538	R7,284	R7,901	R84,898
South Dakota	R3,401	R3,386	R3,480	R3,645	R3,786	R3,933	R4,117	44,094
Tennessee	R9,293	R9,496	R9,395	R9,550	R10,157	R11,179	R12,206	R114,682
Texas	142,470	R128,372	R128,639	R126,880	R137,788	R131,487	R142,240	R1,606,000
Utah	2,822	3,036	3,073	3,569	3,376	3,600	3,571	37,189
Vermont	140	151	167	192	204	204	220	2,040
Virginia	R7,350	R7,190	R6,896	R7,176	R7,453	R7,109	R8,624	86,817
Washington	R6,013	R5,731	R5,758	R6,304	6,605	R6,795	R7,964	R76,527
West Virginia	R2,697	R2,406	R2,093	R2,300	R2,548	R2,588	R2,670	R25,474
Wisconsin	R9,222	R9,690	R10,099	11,833	12,944	14,219	R15,969	136,709
Wyoming	R4,274	R4,040	R4,159	R4,054	R4,405	R4,263	R4,539	47,667
Total	R616,091	R589,960	R612,176	R619,514	R662,058	R662,069	R720,427	R7,521,903

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2015-2017
(million cubic feet) – continued

State	2015							
	December	November	October	September	August	July	June	May
Alabama	R15,719	R15,146	R15,339	R14,943	R15,358	R15,830	R14,664	R15,511
Alaska	422	381	369	345	402	390	376	397
Arizona	2,029	1,882	1,604	1,446	1,487	1,498	1,512	1,644
Arkansas	7,301	7,201	6,903	6,342	6,455	6,434	6,380	6,771
California	66,909	63,511	64,415	65,899	71,454	R69,806	62,545	63,541
Colorado	R8,939	R7,646	R5,828	R4,792	R4,996	R5,000	R4,872	R5,976
Connecticut	2,194	2,010	1,883	1,712	1,804	1,736	1,733	1,816
Delaware	3,040	2,682	2,590	2,448	2,636	2,668	2,560	2,819
District of Columbia	0	0	0	0	0	0	0	0
Florida	8,855	7,706	7,928	7,320	7,298	7,605	7,572	8,064
Georgia	13,423	13,324	13,742	12,274	12,720	13,006	12,710	13,089
Hawaii	36	36	43	37	41	38	44	31
Idaho	3,399	3,311	3,028	2,561	2,412	2,091	2,359	2,598
Illinois	24,502	23,724	20,369	18,722	18,717	19,614	18,206	19,770
Indiana	33,407	29,891	28,801	26,669	28,121	28,246	27,518	29,593
Iowa	15,802	15,136	15,213	13,428	13,991	13,797	13,627	14,433
Kansas	R12,396	R9,972	R9,125	R8,723	R10,837	R11,029	R9,136	R8,466
Kentucky	R10,000	R9,814	R8,890	R8,512	R8,841	R8,479	R8,613	R8,771
Louisiana	R85,222	R81,626	R79,578	R77,875	R80,615	R77,128	R75,687	R79,982
Maine	1,526	1,510	1,670	1,590	1,555	1,591	1,629	1,718
Maryland	1,312	1,277	1,252	1,140	927	1,123	1,168	1,141
Massachusetts	4,043	4,042	3,051	2,574	2,215	2,265	2,169	2,808
Michigan	15,555	14,100	13,319	11,478	11,210	11,139	10,687	11,570
Minnesota	15,545	13,674	R13,347	11,362	10,324	10,333	10,718	R11,133
Mississippi	R10,510	R10,320	R11,290	R9,898	R9,646	R9,717	R9,893	R9,642
Missouri	6,158	5,560	4,912	4,551	4,399	4,742	4,629	4,657
Montana	R2,178	R2,009	R1,878	R1,714	R1,970	R1,441	R1,554	R1,671
Nebraska	7,161	7,848	7,320	6,508	7,106	7,738	6,459	6,797
Nevada	1,467	1,507	1,463	1,470	1,463	1,425	1,386	1,438
New Hampshire	743	709	619	605	566	606	611	598
New Jersey	4,211	4,575	4,156	4,079	4,039	4,218	4,134	4,154
New Mexico	1,571	1,613	1,476	1,345	1,434	1,379	1,230	1,550
New York	6,684	6,657	6,256	5,594	5,803	R5,279	5,363	R5,776
North Carolina	9,050	8,912	9,045	7,975	8,155	7,855	7,794	8,132
North Dakota	2,377	2,951	2,948	2,706	2,519	1,999	2,452	2,835
Ohio	23,373	22,474	20,128	18,521	19,080	19,463	19,413	20,431
Oklahoma	R17,932	R17,201	R15,893	R14,973	R13,427	R12,251	R12,772	R15,911
Oregon	R5,136	R4,720	R4,273	R3,990	R4,064	R3,919	R4,095	R4,307
Pennsylvania	R18,318	R17,002	R16,747	R15,240	R15,364	R15,910	R15,935	R16,938
Rhode Island	742	669	675	686	673	650	666	701
South Carolina	R7,938	R7,403	R7,298	R6,671	R6,802	R6,697	R6,700	R6,892
South Dakota	3,872	3,815	3,422	3,438	3,534	3,499	3,571	3,524
Tennessee	R9,843	R9,276	R9,190	R8,716	8,767	R8,574	R8,801	8,581
Texas	R145,313	R137,582	R132,045	R128,074	R135,975	R133,700	R130,022	R134,880
Utah	3,568	3,083	2,933	2,724	2,755	2,744	2,994	3,073
Vermont	188	178	188	150	153	156	137	134
Virginia	7,186	7,338	7,260	6,752	7,360	7,286	7,320	7,646
Washington	R7,520	R6,984	R6,748	R6,023	R5,633	R5,370	R5,698	R5,995
West Virginia	R2,390	R2,027	R1,861	R1,688	R1,846	R1,757	R1,916	R1,874
Wisconsin	12,901	12,329	10,777	9,133	9,153	8,853	8,839	9,392
Wyoming	4,626	4,196	3,906	3,644	3,765	3,826	3,817	3,673
Total	R674,532	R638,537	R612,994	R579,061	R599,867	R591,900	R574,682	R602,843

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2015-2017
(million cubic feet) – continued

State	2015			
	April	March	February	January
Alabama	R14,190	R15,969	R16,306	R17,844
Alaska	395	439	450	497
Arizona	1,659	1,831	1,695	2,115
Arkansas	7,029	7,921	8,062	8,486
California	63,109	62,086	R57,364	66,464
Colorado	R6,060	R7,135	R8,041	R8,894
Connecticut	2,082	2,936	2,728	2,978
Delaware	3,037	3,171	2,494	2,980
District of Columbia	0	0	0	0
Florida	7,994	8,562	8,416	8,804
Georgia	12,115	13,537	13,192	14,803
Hawaii	32	37	28	38
Idaho ^a	2,322	2,419	2,558	2,607
Illinois	20,616	24,665	27,785	29,210
Indiana	29,054	36,014	37,319	37,904
Iowa	13,906	15,493	16,578	17,368
Kansas	R9,035	R9,199	R11,071	R12,075
Kentucky	R9,698	R11,455	R11,433	R12,018
Louisiana	R76,135	R76,884	R74,946	R83,743
Maine	1,953	2,186	1,843	2,201
Maryland	1,135	1,351	1,353	1,584
Massachusetts	4,049	5,321	6,187	5,830
Michigan	14,382	17,712	19,139	20,906
Minnesota	13,355	15,419	15,370	16,822
Mississippi	R9,617	R9,983	R10,327	R10,991
Missouri	5,116	6,733	7,055	7,179
Montana	R1,670	R1,791	R1,862	R2,182
Nebraska	6,626	6,395	7,715	7,930
Nevada	1,558	1,546	1,376	1,625
New Hampshire	764	930	812	823
New Jersey	4,589	5,316	5,557	6,341
New Mexico	1,597	1,643	1,523	1,575
New York	7,332	R9,509	R9,427	R9,379
North Carolina	8,546	9,856	9,375	10,411
North Dakota	2,510	2,940	2,687	2,736
Ohio	22,803	28,217	30,802	31,300
Oklahoma	R15,171	R15,918	R15,206	R17,893
Oregon	R4,671	R4,710	R4,538	R5,209
Pennsylvania	R17,645	R21,257	R20,789	R20,905
Rhode Island	848	760	826	728
South Carolina	R7,121	R7,647	R6,119	R7,611
South Dakota	3,706	3,722	3,967	4,025
Tennessee	9,194	R10,717	R11,510	R11,513
Texas	R129,764	R133,061	R125,336	R140,247
Utah	3,092	3,152	3,483	3,586
Vermont	158	207	176	217
Virginia	7,711	6,605	6,805	7,550
Washington	R6,187	R6,874	R6,249	R7,246
West Virginia	R2,245	R2,672	R2,669	R2,529
Wisconsin	10,427	13,617	15,341	15,947
Wyoming	3,919	4,092	3,733	4,470
Total	R607,933	R661,612	R659,623	R718,319

^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: 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, 2015-2017

(million cubic feet)

State	2017	2016	2015	2017				
	7-Month YTD	7-Month YTD	7-Month YTD	July	June	May	April	March
Alabama	215,308	237,749	230,576	42,894	33,358	30,762	29,599	30,229
Alaska	9,089	12,835	18,888	1,853	1,103	859	960	1,294
Arizona	116,816	148,413	119,890	33,913	27,445	18,958	14,145	7,550
Arkansas	68,739	83,607	72,010	14,985	11,929	11,709	10,484	9,547
California	299,524	359,864	424,097	67,065	49,459	35,019	27,565	32,709
Colorado	56,137	59,740	47,012	12,603	8,937	7,183	7,343	6,140
Connecticut	59,392	71,504	65,407	10,884	7,945	6,658	7,129	8,124
Delaware	22,067	30,421	27,516	4,191	3,951	4,209	2,306	3,394
District of Columbia	--	--	--	--	--	--	--	--
Florida	665,720	700,901	657,242	122,430	107,558	108,093	92,091	88,623
Georgia	208,462	230,162	204,532	38,691	33,621	29,897	24,055	26,609
Hawaii	--	--	--	--	--	--	--	--
Idaho	13,431	13,635	13,578	3,243	1,756	1,310	1,441	1,735
Illinois	56,583	84,859	45,503	13,210	9,923	8,306	4,653	8,467
Indiana	72,663	91,953	76,723	13,364	10,051	6,931	8,499	12,870
Iowa	13,109	13,126	9,673	3,880	2,111	1,595	1,667	1,417
Kansas	12,457	11,193	9,331	3,890	2,520	1,566	1,700	1,289
Kentucky	30,186	39,494	27,448	7,433	5,018	4,323	4,336	4,750
Louisiana	157,028	208,714	191,360	30,500	26,900	24,258	21,508	21,645
Maine	W	13,306	8,809	1,788	1,422	W	W	W
Maryland	27,221	28,639	21,963	5,972	4,593	3,395	3,772	4,687
Massachusetts	105,802	96,025	84,609	18,703	16,374	14,369	14,727	14,894
Michigan	114,433	145,330	94,336	22,818	17,294	15,628	13,406	18,453
Minnesota	32,205	42,516	28,680	8,610	4,432	3,538	3,334	4,257
Mississippi	192,479	217,157	196,949	37,911	29,405	29,297	24,478	28,521
Missouri	22,138	30,533	22,877	5,213	3,618	3,192	2,286	3,215
Montana	W	W	3,922	676	W	352	359	369
Nebraska	W	3,609	2,615	1,897	W	W	W	W
Nevada	111,022	123,736	114,176	22,969	19,276	14,558	11,948	12,922
New Hampshire	14,236	17,710	24,254	2,923	2,505	1,776	3,572	1,464
New Jersey	135,966	187,207	155,661	25,484	21,426	19,018	16,692	22,311
New Mexico	44,514	48,415	44,249	9,171	8,090	6,054	4,537	5,244
New York	236,481	273,774	265,509	47,923	38,452	29,629	26,293	34,603
North Carolina	158,818	175,229	156,740	27,469	23,697	21,506	18,053	24,324
North Dakota	W	W	3,577	W	W	W	517	538
Ohio	106,697	124,983	124,662	20,329	16,063	14,985	11,330	15,458
Oklahoma	128,158	163,395	146,437	33,638	24,071	17,865	16,318	12,121
Oregon	40,216	51,774	56,201	10,606	3,502	2,289	2,696	3,648
Pennsylvania	235,984	278,750	241,650	49,072	37,926	27,869	25,348	32,350
Rhode Island	25,545	28,133	28,242	4,858	4,142	3,614	3,378	3,346
South Carolina	74,875	72,530	72,158	13,449	11,525	12,569	11,110	9,774
South Dakota	W	4,621	3,605	1,266	W	W	W	W
Tennessee	42,066	50,344	41,462	8,023	6,592	3,286	6,053	8,415
Texas	787,624	920,188	931,451	175,624	142,230	111,204	98,684	94,308
Utah	23,107	36,016	30,503	5,148	3,624	2,458	2,166	2,239
Vermont	7	3	16	*	1	2	*	2
Virginia	188,007	167,156	143,757	37,893	33,966	23,632	19,876	26,635
Washington	44,406	45,275	43,967	10,235	4,632	4,131	5,248	5,404
West Virginia	W	6,263	6,812	1,443	946	533	279	W
Wisconsin	55,514	78,796	57,959	14,647	8,499	5,955	5,929	8,181
Wyoming	W	W	587	341	W	W	W	W
Total	5,053,183	5,840,369	5,399,177	1,051,503	834,144	697,129	613,895	667,123

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2015-2017

(million cubic feet) – continued

State	2017			2016				
	February	January	Total	December	November	October	September	August
Alabama	22,970	25,496	415,162	30,859	30,500	31,962	40,587	43,505
Alaska	976	2,044	22,236	1,753	1,763	1,732	1,952	2,200
Arizona	5,346	9,459	255,593	9,577	12,145	20,806	28,593	36,059
Arkansas	6,362	3,723	136,368	7,172	10,868	9,109	9,207	16,405
California	36,916	50,791	671,152	52,512	51,615	62,951	64,501	79,709
Colorado	5,661	8,269	95,419	7,245	5,669	5,848	6,793	10,126
Connecticut	8,279	10,373	122,240	9,470	9,797	9,514	9,817	12,137
Delaware	2,097	1,919	53,926	2,262	3,572	5,346	5,237	7,089
District of Columbia	--	--	--	--	--	--	--	--
Florida	71,285	75,640	1,180,649	76,560	76,861	96,936	108,803	120,587
Georgia	27,229	28,361	379,202	25,859	23,972	26,061	31,785	41,363
Hawaii	--	--	--	--	--	--	--	--
Idaho	1,536	2,410	23,971	1,766	834	1,366	2,671	3,698
Illinois	6,213	5,811	146,175	8,363	8,308	11,710	12,872	20,063
Indiana	9,760	11,188	158,414	13,562	13,587	11,299	11,936	16,077
Iowa	906	1,533	20,233	713	575	942	1,249	3,628
Kansas	600	891	20,324	931	1,262	1,356	2,735	2,847
Kentucky	1,869	2,457	66,907	5,420	4,211	4,730	5,454	7,597
Louisiana	16,448	15,770	330,642	18,790	19,777	22,889	28,503	31,968
Maine	W	W	22,408	815	1,122	1,770	1,834	3,562
Maryland	2,716	2,084	49,059	822	570	3,308	5,414	10,307
Massachusetts	12,824	13,910	160,044	10,717	8,180	9,495	14,211	21,417
Michigan	11,625	15,208	243,612	15,356	16,947	16,857	17,992	31,130
Minnesota	3,078	4,957	65,606	2,906	3,268	3,282	3,332	10,302
Mississippi	18,076	24,792	367,456	27,475	21,372	27,273	36,326	37,854
Missouri	2,085	2,529	51,135	3,601	2,189	3,153	4,845	6,815
Montana	302	418	7,306	W	W	W	618	1,051
Nebraska	W	W	6,358	196	674	469	291	1,119
Nevada	13,168	16,181	209,610	15,951	15,667	15,257	17,112	21,887
New Hampshire	893	1,104	33,841	2,200	3,078	2,362	3,909	4,582
New Jersey	14,037	16,998	327,628	21,684	19,960	27,481	30,078	41,217
New Mexico	4,969	6,449	82,929	6,174	5,270	7,211	7,250	8,608
New York	27,617	31,964	477,867	33,326	28,853	32,503	45,082	64,329
North Carolina	21,817	21,952	293,669	21,708	23,813	18,622	24,204	30,092
North Dakota	504	671	9,347	W	607	691	828	1,315
Ohio	13,768	14,763	211,732	15,615	15,568	14,289	18,191	23,086
Oklahoma	10,375	13,769	274,388	16,442	20,889	18,559	25,575	29,527
Oregon	6,185	11,290	107,069	12,339	7,788	7,767	13,139	14,263
Pennsylvania	30,087	33,332	500,656	38,553	38,967	39,512	47,277	57,598
Rhode Island	2,964	3,244	46,974	2,844	2,903	2,968	4,439	5,686
South Carolina	8,753	7,695	133,130	7,370	13,620	10,992	13,848	14,771
South Dakota	321	552	7,574	272	512	473	556	1,139
Tennessee	4,911	4,785	87,680	7,931	3,688	6,423	8,879	10,415
Texas	77,504	88,069	1,538,663	90,872	96,452	111,658	144,557	174,935
Utah	2,636	4,836	58,008	4,215	3,313	4,019	4,423	6,023
Vermont	1	2	14	2	2	2	3	3
Virginia	22,805	23,199	292,826	20,812	20,785	18,007	27,967	38,099
Washington	5,229	9,526	85,403	7,455	4,674	5,017	10,717	12,266
West Virginia	W	W	10,311	164	386	1,662	1,150	686
Wisconsin	5,385	6,919	120,764	6,991	6,628	5,218	8,027	15,103
Wyoming	W	114	1,844	W	W	W	W	W
Total	550,276	639,113	9,983,526	668,757	663,538	741,360	914,908	1,154,593

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2015-2017

(million cubic feet) – continued

State	2016							2015
	July	June	May	April	March	February	January	Total
Alabama	44,566	39,282	33,335	26,636	30,764	29,216	33,949	R397,498
Alaska	2,044	1,756	1,755	1,645	1,745	1,810	2,080	R30,207
Arizona	36,512	31,063	20,260	18,623	14,134	12,550	15,271	R248,369
Arkansas	16,341	17,250	12,184	10,509	12,760	5,899	8,663	R109,553
California	73,374	63,255	40,618	37,567	37,493	47,121	60,436	R805,933
Colorado	11,675	10,289	7,741	8,614	7,331	6,294	7,795	R92,304
Connecticut	11,476	9,275	10,263	11,348	8,938	9,698	10,507	R119,907
Delaware	7,425	6,001	3,953	4,602	3,856	2,385	2,200	R45,450
District of Columbia	--	--	--	--	--	--	--	--
Florida	122,353	114,263	106,961	100,187	90,908	79,470	86,759	R1,156,605
Georgia	43,098	39,628	33,268	30,528	29,405	25,637	28,597	R355,698
Hawaii	--	--	--	--	--	--	--	--
Idaho	2,549	2,006	1,407	628	1,760	2,412	2,873	R27,710
Illinois	23,039	13,253	9,676	9,615	12,110	8,898	8,269	R83,976
Indiana	15,793	13,958	13,693	9,428	13,879	11,811	13,392	R127,964
Iowa	3,162	2,131	2,456	801	1,453	1,485	1,639	R16,199
Kansas	3,163	3,117	1,685	1,104	947	510	667	R14,624
Kentucky	8,026	6,732	4,992	4,493	6,026	3,711	5,514	R51,723
Louisiana	38,721	33,611	30,795	25,600	27,286	24,777	27,924	R342,506
Maine	3,252	1,770	1,920	1,409	607	1,896	2,451	R18,034
Maryland	9,671	3,730	3,879	3,569	4,203	2,295	1,292	R39,770
Massachusetts	21,351	17,569	15,482	11,546	10,627	9,811	9,641	R156,795
Michigan	26,034	21,500	22,478	23,125	18,916	16,885	16,392	R166,202
Minnesota	8,556	6,111	6,207	5,853	5,173	5,230	5,386	R53,096
Mississippi	39,659	36,139	31,831	22,528	26,509	29,688	30,803	R330,718
Missouri	7,273	6,992	4,019	4,780	2,543	2,547	2,379	R38,633
Montana	885	670	W	W	553	578	636	R6,558
Nebraska	1,100	1,389	318	463	150	101	87	R4,255
Nevada	22,567	21,319	17,106	14,939	15,241	14,624	17,941	R209,692
New Hampshire	4,147	2,854	3,009	3,609	749	1,145	2,196	42,673
New Jersey	39,592	30,423	24,014	23,970	24,419	21,012	23,777	R283,447
New Mexico	9,227	7,704	6,387	6,358	6,092	5,806	6,840	R78,337
New York	59,588	44,619	39,743	33,273	32,185	30,295	34,071	R471,586
North Carolina	29,132	23,889	21,936	23,986	28,153	24,825	23,308	R269,354
North Dakota	1,155	898	688	W	664	726	729	R6,546
Ohio	22,704	17,398	11,353	16,437	18,110	19,207	19,773	R208,222
Oklahoma	33,632	31,430	22,843	20,250	17,666	16,020	21,555	R254,401
Oregon	10,464	7,950	3,346	3,089	7,255	9,330	10,340	R113,519
Pennsylvania	57,177	47,121	35,691	33,444	36,647	33,433	35,235	R437,976
Rhode Island	5,963	4,761	5,004	2,937	4,496	2,530	2,442	R50,005
South Carolina	15,788	12,229	10,143	6,915	9,925	7,877	9,654	R136,111
South Dakota	1,031	745	605	687	528	570	455	R6,128
Tennessee	10,109	9,257	6,235	5,147	6,915	6,325	6,355	R69,752
Texas	171,002	151,685	132,544	117,577	119,869	105,021	122,491	R1,623,836
Utah	6,322	6,069	5,071	5,259	4,411	4,107	4,778	R56,449
Vermont	1	--	2	*	1	--	*	19
Virginia	36,703	29,100	21,704	13,489	20,289	22,753	23,118	R243,176
Washington	9,735	6,145	5,028	2,787	4,468	7,351	9,761	R96,897
West Virginia	680	1,309	1,666	1,100	1,074	226	208	R13,221
Wisconsin	14,065	11,524	9,688	9,693	13,267	10,324	10,235	R100,502
Wyoming	W	W	W	W	W	W	W	R1,233
Total	1,142,161	971,342	805,702	721,262	742,605	686,335	770,962	R9,613,370

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2015-2017
(million cubic feet) – continued

State	2015							
	December	November	October	September	August	July	June	May
Alabama	R33,320	R31,415	R31,618	R33,206	R37,362	R39,113	R36,718	R32,391
Alaska	R2,636	R2,498	R2,114	R1,846	R2,225	R2,366	R2,475	R2,314
Arizona	R17,489	R17,648	R24,377	R30,919	R38,045	R33,640	R30,516	R13,127
Arkansas	R6,818	R5,446	R4,135	R8,588	R12,556	R12,815	R9,908	R7,400
California	R62,996	R59,144	R83,347	R87,498	R88,850	R83,645	R73,309	R50,951
Colorado	R8,428	R9,707	R7,901	R9,346	R9,911	R9,396	R8,013	R4,901
Connecticut	R11,213	R9,833	R10,315	R10,733	R12,406	R11,634	R9,399	R8,759
Delaware	R2,251	R2,318	R3,189	R5,018	R5,158	R5,798	R4,594	R5,004
District of Columbia	--	--	--	--	--	--	--	--
Florida	R89,257	R91,640	R100,010	R105,618	R112,839	R110,857	R105,715	R101,383
Georgia	R27,586	R27,518	29,598	R30,598	R35,866	R39,865	R33,548	R27,969
Hawaii	--	--	--	--	--	--	--	--
Idaho	R2,857	R2,236	R2,510	R2,900	R3,629	R3,182	R3,474	R2,081
Illinois	R8,006	R7,206	R6,679	R8,783	R7,798	R10,938	R7,069	R4,645
Indiana	R13,496	R11,416	R8,621	R7,777	R9,932	R10,272	R9,337	R9,208
Iowa	R1,564	R435	R774	R1,573	R2,180	R2,812	R1,563	R784
Kansas	R647	664	513	R1,457	R2,012	R3,116	R1,726	R1,023
Kentucky	R3,333	R5,309	R6,086	R4,825	R4,723	R6,197	R3,618	R3,384
Louisiana	R31,251	R29,293	R29,206	R27,478	R33,918	R36,917	R33,952	R27,765
Maine	R1,439	R1,815	R2,524	R1,591	R1,856	R1,176	R674	R827
Maryland	2,457	R3,202	R2,964	R4,210	R4,973	R6,702	R4,489	R4,496
Massachusetts	R9,089	R8,386	R14,089	R16,911	R23,712	R23,110	R15,103	R15,150
Michigan	R15,903	R13,848	R14,827	R13,612	R13,677	R16,264	R13,328	R11,924
Minnesota	R5,619	R2,969	R3,276	R6,284	R6,268	R7,131	R4,567	R2,180
Mississippi	R25,534	R25,669	R23,829	R26,709	R32,028	R34,689	R32,118	R26,176
Missouri	R2,887	R2,285	R1,620	R3,403	R5,561	R6,396	R4,226	R1,538
Montana	R789	R591	R514	R59	R683	R356	R454	R496
Nebraska	R129	R149	102	R433	R826	R1,164	R634	R178
Nevada	R18,315	R15,460	R18,276	R20,339	R23,127	R20,918	R21,420	R15,544
New Hampshire	2,706	3,795	3,375	3,922	4,622	4,211	3,618	3,865
New Jersey	R22,007	R23,683	R23,585	R29,315	R29,196	R30,696	R24,137	R24,482
New Mexico	R7,078	R5,614	R6,130	R6,610	R8,656	R7,914	R6,598	R4,833
New York	R30,391	R32,318	R39,583	R49,295	R54,490	R54,257	R39,800	R39,074
North Carolina	R22,441	R22,253	R19,405	R23,600	R24,915	R26,073	R26,615	R23,790
North Dakota	174	102	451	R1,113	R1,129	R1,187	458	98
Ohio	R17,120	R15,766	R13,674	R17,698	R19,302	R20,036	R18,045	R14,983
Oklahoma	R23,028	R20,467	R16,297	R20,187	R27,986	R30,270	R22,032	R17,039
Oregon	R11,787	R11,133	R10,949	R11,743	R11,706	R12,432	R10,384	R7,174
Pennsylvania	R35,771	R36,127	R37,886	R39,530	R47,012	R47,447	R37,533	R31,152
Rhode Island	R3,079	R4,282	R3,860	R3,515	R7,028	R6,879	R6,127	5,728
South Carolina	R11,849	R13,807	R12,523	R11,970	R13,804	R15,096	R14,729	R10,045
South Dakota	R622	R463	R291	R339	R809	R1,040	R664	R535
Tennessee	R6,151	R5,453	R4,568	R6,125	R5,993	R7,585	R7,019	R6,502
Texas	R121,199	R108,509	R129,548	R149,420	R183,710	R179,372	R145,182	R122,352
Utah	R5,305	R4,875	R4,371	R5,164	R6,232	R5,845	R5,560	R4,621
Vermont	1	1	*	1	*	*	1	6
Virginia	R22,865	R16,554	R11,729	R22,112	R26,159	R29,067	R26,227	R22,131
Washington	R9,289	R10,567	R11,212	R10,873	R10,989	R12,516	R9,992	R5,976
West Virginia	R509	R754	R1,536	R1,740	R1,870	2,142	R1,612	R1,211
Wisconsin	R9,852	R7,642	R7,393	R8,950	R8,706	R10,791	R8,056	R7,223
Wyoming	72	150	161	108	154	216	141	68
Total	R768,606	R732,413	R791,541	R895,044	R1,026,590	R1,045,542	R886,475	R734,486

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power^a consumers, by state, 2015-2017
(million cubic feet) – continued

State	2015			
	April	March	February	January
Alabama	R24,902	R30,383	R31,360	R35,709
Alaska	R2,477	R3,044	R3,099	R3,114
Arizona	R13,276	R9,360	R8,648	R11,324
Arkansas	R8,840	R10,639	R12,428	R9,981
California	R52,671	R54,168	R46,537	R62,816
Colorado	R5,839	R6,344	R5,779	R6,740
Connecticut	R8,933	R8,418	R7,533	R10,732
Delaware	R5,527	R2,146	R1,451	R2,994
District of Columbia	--	--	--	--
Florida	R98,530	R86,030	R73,961	R80,767
Georgia	R22,113	R25,734	R25,998	R29,304
Hawaii	--	--	--	--
Idaho	1,276	R842	R414	R2,309
Illinois	R5,327	R5,834	R5,582	R6,108
Indiana	R9,311	R13,117	R13,696	R11,783
Iowa	R686	R1,235	R1,265	R1,328
Kansas	R938	R1,100	R936	R493
Kentucky	R3,317	R3,111	R5,530	R2,290
Louisiana	R24,985	R23,542	R22,220	R21,979
Maine	R1,051	R1,884	R1,308	R1,888
Maryland	R2,680	R1,351	R1,245	R1,001
Massachusetts	R10,797	R7,657	R6,206	R6,586
Michigan	R10,037	R14,332	R14,499	R13,951
Minnesota	R4,348	R4,629	R3,452	R2,373
Mississippi	R20,019	R26,789	R30,586	R26,571
Missouri	R2,372	2,699	R2,927	R2,720
Montana	R79	R1,180	784	R571
Nebraska	R240	R152	63	R184
Nevada	R16,108	R13,635	R13,405	R13,145
New Hampshire	3,308	3,393	2,236	3,622
New Jersey	R18,113	R22,460	R17,073	R18,699
New Mexico	R6,390	R6,301	R5,592	R6,622
New York	R28,508	R39,614	R29,201	R35,055
North Carolina	R19,169	R19,126	R20,049	R21,918
North Dakota	948	270	576	38
Ohio	R13,053	R19,926	R19,404	R19,214
Oklahoma	R16,856	R18,835	R20,714	20,692
Oregon	R7,467	R6,250	R4,342	R8,153
Pennsylvania	R31,493	R34,602	R26,471	R32,952
Rhode Island	R2,478	R3,170	R1,702	R2,156
South Carolina	R9,328	R8,512	R7,181	R7,267
South Dakota	R301	66	R484	516
Tennessee	R4,480	R4,220	R6,909	R4,748
Texas	R117,283	R127,251	R113,522	R126,489
Utah	R3,864	R3,409	R3,267	R3,937
Vermont	*	1	2	5
Virginia	R12,706	R18,274	R17,648	R17,704
Washington	R4,488	R4,517	R1,860	R4,618
West Virginia	R803	R358	R430	R256
Wisconsin	R6,531	R8,767	R8,744	R7,847
Wyoming	30	53	23	56
Total	R664,276	R708,731	R648,343	R711,324

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

^R Revised data.

-- Not applicable.

^W Withheld.

* Volume is less than 500,000 cubic feet.

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: Energy Information Administration (EIA): Form EIA-923, "Power Plant Operations Report."

Table 18. Natural gas deliveries to all consumers, by state, 2015-2017

(million cubic feet)

State	2017	2016	2015	2017				
	7-Month YTD	7-Month YTD	7-Month YTD	July	June	May	April	March
Alabama	NA	387,388	382,333	60,403	NA	NA	NA	R53,279
Alaska	33,182	33,127	43,073	3,108	R2,633	R3,072	R3,988	R6,484
Arizona	NA	204,582	172,550	38,421	R32,291	R24,820	R20,851	R16,189
Arkansas	NA	179,297	177,963	25,047	R22,265	NA	R21,826	R24,387
California	NA	1,191,731	1,242,309	166,574	R146,739	R142,088	R136,040	R157,380
Colorado	208,008	217,427	198,006	22,094	R18,938	R23,157	R27,332	R31,027
Connecticut	139,019	145,925	155,254	16,208	13,394	R13,464	R16,454	R25,886
Delaware	NA	62,302	63,580	7,110	7,140	7,589	NA	9,106
District of Columbia	NA	17,832	21,553	1,117	1,167	1,489	1,648	R3,403
Florida	771,991	810,141	761,376	135,780	R120,809	R122,495	R107,141	R105,368
Georgia	388,281	427,756	416,263	57,304	R52,822	R50,027	R44,603	R58,888
Hawaii	NA	1,744	1,735	247	NA	248	255	272
Idaho	62,675	57,056	52,845	6,933	R5,523	R6,111	R7,593	R9,306
Illinois	558,628	612,046	629,966	46,339	R43,730	R57,043	R61,140	R109,758
Indiana	402,035	441,352	450,000	45,296	R41,219	R43,762	R49,668	R73,124
Iowa	210,274	188,165	190,526	24,394	R22,836	R24,572	R27,089	R35,498
Kansas	139,747	137,682	140,634	18,355	R15,639	R14,487	R17,304	R21,711
Kentucky	139,206	157,985	158,408	17,223	R15,396	R16,066	R17,081	R24,733
Louisiana	NA	856,115	780,899	124,172	NA	R117,004	R113,317	R117,451
Maine	26,026	31,518	30,619	3,377	2,962	2,954	3,381	R4,674
Maryland	NA	131,246	139,183	NA	R10,641	R11,743	R12,405	R27,018
Massachusetts	281,452	259,741	278,346	27,874	R26,598	R29,723	R35,553	R57,721
Michigan	NA	536,085	537,748	NA	R40,446	R51,086	R57,184	R102,292
Minnesota	266,368	274,627	262,458	26,024	R23,204	R26,359	R32,951	R48,333
Mississippi	287,385	310,463	296,637	49,504	R41,066	R42,005	R36,860	R43,665
Missouri	NA	158,701	172,519	13,293	R12,126	R14,092	R14,932	R26,028
Montana	40,277	38,715	38,611	3,407	2,972	3,457	R4,972	6,750
Nebraska	97,888	91,036	94,975	11,260	R9,200	R10,743	R12,106	R15,560
Nevada	168,651	178,587	164,120	27,562	24,326	20,292	R18,899	R22,090
New Hampshire	29,880	32,584	42,033	3,885	R3,554	R3,263	R5,436	R5,036
New Jersey	NA	459,373	486,639	NA	NA	R40,745	NA	NA
New Mexico	NA	92,523	89,147	12,396	R11,332	R10,083	NA	NA
New York	756,122	773,012	862,375	79,080	R72,953	R74,650	R85,899	R153,476
North Carolina	NA	313,193	301,186	NA	R35,198	R34,282	R31,580	R48,151
North Dakota	37,521	35,908	36,633	3,417	R3,683	R4,079	R5,142	R6,814
Ohio	509,818	551,633	627,768	48,856	R45,139	R53,262	R56,040	R99,927
Oklahoma	297,351	332,555	319,301	52,013	R43,033	R38,437	R38,664	R38,226
Oregon	123,645	122,946	122,948	16,574	R10,503	R10,932	R13,775	R17,375
Pennsylvania	593,999	630,292	648,558	74,340	R64,656	R61,949	R65,923	R108,677
Rhode Island	NA	50,946	56,789	6,206	5,592	5,661	6,183	9,227
South Carolina	155,142	156,109	156,794	22,467	R20,701	R22,232	R21,078	R23,788
South Dakota	44,530	43,917	43,842	5,330	R4,775	R5,117	R5,695	R7,283
Tennessee	181,116	191,070	197,084	21,624	R20,620	R18,699	R21,715	R32,855
Texas	NA	2,081,839	2,130,390	336,181	R299,291	R264,302	R251,485	R265,282
Utah	108,599	121,006	106,154	11,109	10,630	10,473	R13,641	14,579
Vermont	NA	7,236	7,628	538	NA	686	864	1,582
Virginia	NA	312,403	304,400	NA	R46,330	R37,497	R35,303	R53,844
Washington	181,229	162,864	156,104	20,178	R15,250	R17,704	R23,255	R29,133
West Virginia	NA	52,972	56,204	NA	R5,008	R5,159	R5,662	R9,782
Wisconsin	276,087	299,029	290,111	29,986	R24,221	R27,338	R32,261	R52,883
Wyoming	48,578	45,970	42,502	4,778	R4,884	R6,082	R6,648	R8,104
Total	14,219,770	15,009,752	15,139,078	1,921,261	R1,711,746	R1,705,193	R1,736,828	R2,316,978

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2015-2017

(million cubic feet) – continued

State	2017			2016				
	February	January	Total	December	November	October	September	August
Alabama	R43,948	R51,409	R659,864	R56,079	R50,106	R49,477	R56,717	R60,097
Alaska	R5,822	R8,075	R60,255	R7,466	6,557	5,385	R4,086	R3,634
Arizona	NA	R22,430	R343,766	R20,335	R18,967	R26,109	R33,318	R40,454
Arkansas	R21,676	R24,050	R297,218	R27,869	R24,318	R19,922	R19,220	R26,592
California	R171,081	NA	R2,113,847	R216,061	R175,988	R167,994	R171,608	R190,464
Colorado	R34,535	R50,925	R352,463	R47,904	R29,596	R20,877	R17,022	R19,637
Connecticut	R24,263	R29,350	R242,831	R27,063	R21,291	R16,412	R14,910	R17,231
Delaware	7,634	R8,616	107,383	R8,615	8,198	R9,230	R8,656	R10,382
District of Columbia	NA	4,180	R27,891	R4,219	R2,591	R1,311	R951	R987
Florida	R86,749	R93,649	R1,362,542	R93,316	R91,852	R110,955	R122,262	R134,016
Georgia	R57,222	R67,416	R700,464	R66,586	R51,471	R46,219	R49,316	R59,116
Hawaii	258	291	R3,038	263	253	250	264	264
Idaho	R11,056	R16,153	R101,365	R14,737	R8,337	R7,219	R6,844	R7,173
Illinois	R100,673	R139,946	1,000,348	R147,523	R80,751	R59,444	R47,516	53,068
Indiana	R65,058	R83,909	R728,625	R90,269	R59,594	R44,567	R44,086	R48,757
Iowa	R33,659	R42,225	R320,541	R41,930	R27,815	R22,290	R18,821	R21,521
Kansas	R21,127	R31,124	R233,168	R31,567	R18,581	R13,995	R13,778	R17,564
Kentucky	R21,156	R27,551	R261,248	R31,751	R21,106	R16,727	R15,610	R18,069
Louisiana	R104,332	NA	R1,439,894	R120,887	R112,241	R111,923	R116,158	R122,571
Maine	R4,042	R4,637	52,516	R4,106	R3,524	R4,123	R3,772	R5,474
Maryland	R22,820	R27,771	211,245	26,172	R15,446	R11,439	R11,084	R15,857
Massachusetts	R48,481	R55,503	R423,559	R50,684	R33,424	R25,667	R23,643	R30,399
Michigan	R88,531	R114,125	R868,762	R112,282	R72,216	R53,267	R42,195	R52,719
Minnesota	R47,419	R62,079	R438,623	R55,334	R34,918	R26,250	R19,762	R27,732
Mississippi	R32,367	R41,918	521,948	R44,364	R34,269	R37,327	R46,568	R48,956
Missouri	NA	R39,272	259,072	R39,807	R19,650	13,076	R12,986	R14,852
Montana	R7,990	R10,730	68,928	R10,259	R6,877	5,219	4,018	3,839
Nebraska	R16,929	R22,089	R157,458	R20,406	R13,699	R10,834	R9,596	R11,886
Nevada	R24,437	R31,046	299,327	28,659	R22,816	R20,953	21,948	26,364
New Hampshire	R3,984	R4,720	57,735	R5,711	R5,401	R3,615	R4,922	R5,502
New Jersey	R67,902	NA	R757,432	R87,154	R54,909	R49,529	R47,327	R59,140
New Mexico	R12,957	R18,057	R156,749	R17,587	R13,080	R11,297	R10,601	R11,661
New York	R133,324	R156,740	R1,270,049	R147,632	R100,958	R77,791	R74,952	R95,705
North Carolina	R42,625	R50,928	R519,746	R51,738	R44,370	R32,338	R35,796	R42,312
North Dakota	R6,235	R8,151	R62,448	R7,651	R5,517	R5,295	R4,250	R3,827
Ohio	R91,064	R115,529	R895,943	R113,525	R77,125	R54,685	R47,207	R51,768
Oklahoma	R36,656	R50,322	R556,210	R52,904	R43,200	R37,161	R42,369	R48,021
Oregon	R21,849	R32,639	R231,110	R31,907	R19,075	R17,431	R19,812	R19,938
Pennsylvania	R99,848	R118,606	R1,071,713	R121,309	R92,222	R74,212	R71,216	R82,461
Rhode Island	NA	9,000	R83,489	R8,493	R6,360	R5,149	R5,783	R6,759
South Carolina	R21,201	R23,675	R272,617	R23,557	R26,519	R20,473	R22,499	R23,460
South Dakota	R7,087	R9,244	R74,246	R8,862	R6,331	R5,148	R4,679	R5,307
Tennessee	R29,304	R36,300	R319,637	R40,553	R23,357	R20,398	R21,314	R22,945
Texas	NA	NA	3,532,732	R294,558	R258,950	R266,363	R297,157	333,865
Utah	18,241	R29,926	R199,918	R27,878	R17,127	R12,130	R10,587	R11,190
Vermont	1,400	1,614	11,958	R1,619	R1,102	R831	R596	R575
Virginia	R47,675	R55,008	R526,260	R50,171	R42,276	R31,820	R39,908	R49,682
Washington	R31,855	R43,854	R293,106	R40,128	R24,061	R21,575	R22,240	R22,238
West Virginia	R8,567	R10,577	R88,541	R10,795	R8,018	R6,918	R5,233	R4,606
Wisconsin	R47,077	R62,320	R478,287	R61,843	R36,772	R26,975	R23,408	R30,261
Wyoming	R8,229	R9,853	R80,100	R9,960	R7,406	R6,322	R5,063	R5,380
Total	R2,141,143	R2,686,622	R25,198,216	R2,662,045	R1,980,591	R1,745,916	R1,773,634	R2,026,278

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2015-2017

(million cubic feet) – continued

State	2016							2015
	July	June	May	April	March	February	January	Total
Alabama	R61,223	R56,711	R52,466	R45,820	R52,215	R54,519	R64,432	R642,529
Alaska	3,397	3,318	3,707	R4,272	5,533	5,874	R7,028	R72,126
Arizona	R40,918	R36,039	R25,987	R25,288	R21,911	R23,758	R30,682	R336,030
Arkansas	R25,943	R27,055	R22,974	R22,241	R27,328	R24,129	R29,627	R275,572
California	R176,767	R164,703	R146,670	R146,030	R162,050	R172,679	R222,833	R2,238,223
Colorado	R21,025	R20,069	R23,564	R30,297	R35,470	R38,549	R48,452	R347,174
Connecticut	R16,640	R14,296	R17,097	R21,086	R21,446	R26,676	R28,685	R248,963
Delaware	R10,798	R9,073	R7,722	R8,758	R8,687	R8,309	R8,956	R101,567
District of Columbia	R1,004	R987	R1,436	R2,062	R2,448	R4,765	R5,130	R31,419
Florida	R136,065	R127,256	R121,405	R115,695	R107,367	R96,619	R105,734	R1,328,705
Georgia	R60,764	R57,406	R53,131	R52,724	R56,927	R67,283	R79,521	R687,008
Hawaii	255	240	243	R255	R247	R246	R258	2,922
Idaho	R6,278	R5,404	R5,639	R5,449	R9,255	R11,151	R13,882	R99,702
Illinois	56,449	46,522	R54,991	R76,181	R98,281	R128,157	R151,465	R966,363
Indiana	R48,937	R47,406	R52,920	R55,396	R65,839	R78,712	R92,141	R711,191
Iowa	R20,446	R19,032	R21,153	R22,988	R28,993	R34,695	R40,857	R306,899
Kansas	R16,813	R15,453	R14,954	R15,157	R19,308	R24,444	R31,552	R231,220
Kentucky	R17,993	R16,802	R17,186	R18,381	R24,224	R28,577	R34,820	R253,219
Louisiana	R130,304	R121,899	R122,334	R115,393	R120,365	R115,837	R129,982	R1,359,221
Maine	R5,155	3,556	4,097	4,055	3,757	4,996	5,901	R51,778
Maryland	R15,277	R9,845	R12,600	R15,787	R19,835	R27,049	R30,854	R207,816
Massachusetts	R30,268	R27,109	R30,052	R34,643	R39,653	R47,203	R50,813	R433,991
Michigan	R47,255	R43,617	R55,140	R79,401	R87,022	R107,058	R116,592	R818,159
Minnesota	R25,744	R23,855	R27,544	R36,363	R43,536	R54,422	R63,162	R421,158
Mississippi	R50,799	47,881	R43,617	34,142	R38,781	R45,319	R49,925	R495,596
Missouri	R15,409	R15,335	R14,512	R17,901	R21,970	R32,646	R40,928	R261,286
Montana	3,677	3,459	R4,293	4,668	6,481	R7,104	R9,033	R66,892
Nebraska	R11,227	R10,473	R9,747	R11,195	R12,944	R15,949	R19,501	R154,040
Nevada	27,104	R26,140	R22,855	R21,465	R23,218	R25,222	R32,583	R295,435
New Hampshire	R5,074	3,840	4,370	5,664	3,328	4,402	R5,907	R68,596
New Jersey	R59,150	R50,093	R48,141	R58,178	R67,606	R80,721	R95,484	R739,413
New Mexico	R12,343	R11,140	R10,494	R11,343	R13,081	R15,046	R19,076	R154,611
New York	R90,784	R77,589	R83,696	R100,124	R115,304	R143,887	R161,628	R1,321,405
North Carolina	R40,518	R35,373	R34,923	R39,678	R46,778	R55,721	R60,201	R494,236
North Dakota	R3,814	R4,143	R4,280	R4,387	R5,592	R6,138	R7,555	R61,077
Ohio	R50,330	R46,157	R49,937	R72,611	R84,823	R114,118	R133,657	R936,649
Oklahoma	R52,062	R50,070	R44,029	R41,202	R42,183	R44,208	R58,800	R540,782
Oregon	R16,584	R14,427	R10,822	R11,770	R19,818	R22,413	R27,111	R230,032
Pennsylvania	R80,626	R71,845	R67,633	R78,716	R91,685	R112,651	R127,137	R1,038,320
Rhode Island	R7,019	R5,980	R6,997	R6,148	R8,445	R7,874	R8,482	R90,780
South Carolina	R24,144	R20,996	R19,709	R17,574	R21,594	R23,832	R28,260	R273,217
South Dakota	R4,926	R4,662	R5,090	R6,126	R6,670	R7,664	R8,779	R72,407
Tennessee	R22,377	R21,877	R19,801	R20,680	R26,742	R36,148	R43,445	R305,050
Texas	329,608	298,713	R279,368	R269,369	R289,161	R285,648	R329,971	R3,621,488
Utah	R12,134	R11,679	R13,191	R16,101	R18,045	R22,124	R27,733	R188,297
Vermont	R584	R574	R663	1,073	R1,122	R1,490	R1,730	11,814
Virginia	R48,244	R41,500	R35,003	R31,258	R42,234	R53,646	R60,518	R484,836
Washington	R19,933	R16,680	R16,849	R16,393	R25,567	R29,322	R38,121	R295,715
West Virginia	R4,819	R5,088	R5,714	R6,843	R8,568	R10,036	R11,903	R86,566
Wisconsin	R28,528	R26,992	R29,433	R39,987	R49,884	R57,711	R66,495	R454,356
Wyoming	R5,217	R4,942	R5,943	R6,294	R7,366	R7,543	R8,665	R73,433
Total	R2,002,753	R1,825,301	R1,786,119	R1,904,613	R2,160,690	R2,454,291	R2,875,986	R24,989,285

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2015-2017

(million cubic feet) – continued

State	2015							
	December	November	October	September	August	July	June	May
Alabama	R54,982	R51,040	R49,489	R50,086	R54,599	R56,806	R53,287	R50,458
Alaska	R8,211	R7,225	R5,306	R4,434	R3,876	R3,917	R4,014	R4,742
Arizona	R30,504	R25,860	R29,432	R35,335	R42,348	R38,149	R35,407	R18,984
Arkansas	R23,306	R19,044	R14,998	R18,174	R22,088	R22,239	R19,362	R17,770
California	R233,993	R194,636	R184,678	R187,006	R195,602	R189,714	R174,388	R162,529
Colorado	R49,125	R40,204	R22,353	R18,738	R18,748	R18,580	R17,982	R21,759
Connecticut	R23,073	R19,714	R17,381	R15,909	R17,632	R16,781	R14,703	R15,300
Delaware	R7,574	R6,888	R7,037	R8,088	R8,401	R9,035	R7,777	R8,534
District of Columbia	R3,136	R2,624	R1,865	R1,141	R1,101	R1,044	R1,143	R1,250
Florida	R104,960	R105,544	R113,800	R117,812	R125,213	R123,817	R118,863	R114,992
Georgia	R58,304	R55,942	R52,525	R49,225	R54,749	R58,833	R52,162	R48,174
Hawaii	250	227	239	232	239	242	244	228
Idaho	R13,922	R11,402	R7,669	R6,841	R7,023	R6,406	R7,050	R6,441
Illinois	R107,941	R85,107	R57,688	R43,482	R42,179	R45,902	R42,018	R46,823
Indiana	R72,029	R59,397	R47,886	R39,639	R42,240	R43,055	R41,480	R45,248
Iowa	R32,790	R25,330	R21,501	R18,031	R18,721	R19,398	R18,390	R19,485
Kansas	R26,841	R19,208	R14,377	R13,711	R16,449	R17,013	R13,538	R13,073
Kentucky	R22,930	R22,360	R18,414	R15,439	R15,667	R16,776	R14,264	R14,583
Louisiana	R123,166	R116,055	R112,583	R108,898	R117,620	R117,126	R112,809	R111,508
Maine	R4,287	R4,387	R4,935	R3,664	R3,887	R3,233	R2,782	R3,029
Maryland	R18,802	R16,636	R12,836	R9,873	R10,485	R12,444	R10,299	R10,812
Massachusetts	R35,848	R31,121	R30,340	R26,010	R32,327	R31,968	R24,702	R26,798
Michigan	R84,766	R69,425	R53,762	R36,302	R36,156	R38,035	R36,079	R41,295
Minnesota	R51,440	R35,555	R26,927	R22,743	R22,035	R22,278	R20,335	R21,246
Mississippi	R40,301	R39,572	R37,262	R38,510	R43,315	R45,994	R43,684	R37,611
Missouri	R29,348	R20,880	R12,965	R11,718	R13,856	R14,620	R12,508	R11,082
Montana	R9,354	R7,757	R4,598	R2,957	R3,616	R2,777	R2,995	R4,065
Nebraska	R17,031	R13,642	R10,124	R8,592	R9,676	R10,980	R9,350	R9,783
Nevada	R31,266	R24,391	R23,259	R24,802	R27,596	R25,168	R26,234	R21,097
New Hampshire	R5,388	R6,039	R4,639	R4,925	R5,571	R5,202	R4,693	R5,019
New Jersey	R62,020	R55,589	R45,099	R45,046	R45,019	R47,893	R41,009	R44,959
New Mexico	R18,986	R14,137	R10,476	R9,852	R12,012	R11,096	R10,345	R9,324
New York	R110,651	R97,650	R85,801	R79,377	R85,551	R84,611	R71,536	R79,062
North Carolina	R42,741	R42,679	R35,315	R35,567	R36,748	R37,444	R38,410	R35,730
North Dakota	R6,048	R5,320	R4,572	R4,337	R4,167	R3,661	R3,428	R3,961
Ohio	R87,464	R73,041	R55,112	R45,403	R47,860	R49,234	R48,812	R51,753
Oklahoma	R55,967	R47,163	R36,072	R38,036	R44,244	R45,294	R37,710	R36,866
Oregon	R28,028	R24,915	R18,501	R18,115	R17,525	R18,144	R16,432	R14,732
Pennsylvania	R93,466	R84,267	R76,095	R64,808	R71,126	R71,941	R64,046	R61,527
Rhode Island	R6,913	R7,621	R6,244	R4,847	R8,366	R8,236	R7,608	R7,399
South Carolina	R24,814	R25,796	R22,709	R20,583	R22,520	R23,633	R23,246	R19,169
South Dakota	R8,056	R6,566	R4,755	R4,316	R4,873	R5,033	R4,836	R5,065
Tennessee	R28,915	R24,195	R18,780	R18,242	R17,834	R19,253	R19,184	R19,164
Texas	R313,833	R271,193	R278,831	R292,889	R334,353	R330,573	R292,544	R274,677
Utah	R28,205	R21,114	R10,838	R10,247	R11,740	R11,431	R11,926	R13,020
Vermont	1,173	1,028	876	566	544	587	569	500
Virginia	R44,426	R36,525	R27,441	R34,381	37,663	40,618	R37,862	R34,839
Washington	R36,997	R34,844	R25,415	R22,065	R20,291	R21,691	R20,046	R18,051
West Virginia	R7,403	R6,870	R6,216	R4,947	R4,925	R5,148	R4,761	R4,884
Wisconsin	R49,559	R38,829	R29,255	R23,459	R23,143	R24,913	R22,226	R24,965
Wyoming	R9,372	R7,474	R5,109	R4,558	R4,418	R4,709	R4,830	R5,393
Total	R2,389,902	R2,064,029	R1,804,380	R1,723,960	R1,867,936	R1,882,675	R1,723,906	R1,678,755

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2015-2017
(million cubic feet) – continued

State	2015			
	April	March	February	January
Alabama	R42,260	R52,388	R60,953	R66,181
Alaska	R5,893	R7,926	R7,753	R8,828
Arizona	R19,730	R17,365	R17,872	R25,044
Arkansas	R20,688	R28,737	R35,279	R33,888
California	R164,979	R168,835	R165,799	R216,065
Colorado	R24,301	R31,835	R37,360	R46,190
Connecticut	R20,226	R27,426	R28,813	R32,005
Delaware	R10,089	R8,898	R8,576	R10,671
District of Columbia	R1,942	R4,299	R5,596	R6,278
Florida	R112,873	R101,420	R90,983	R98,429
Georgia	R43,196	R57,083	R76,170	R80,644
Hawaii	254	252	237	278
Idaho	R6,581	R6,953	R7,453	R11,961
Illinois	R67,860	R112,156	R158,444	R156,762
Indiana	R52,110	R77,653	R96,065	R94,388
Iowa	R21,863	R30,483	R40,491	R40,417
Kansas	R14,411	R21,436	R29,406	R31,757
Kentucky	R17,071	R25,999	R36,558	R33,156
Louisiana	R105,050	R107,330	R108,488	R118,589
Maine	R4,061	R5,879	R5,345	R6,290
Maryland	R13,763	R25,471	R33,570	R32,824
Massachusetts	R32,698	R48,538	R56,909	R56,732
Michigan	R60,297	R98,500	R133,779	R129,763
Minnesota	R32,486	R46,463	R60,511	R59,139
Mississippi	R31,832	R41,983	R48,835	R46,698
Missouri	R18,030	R33,837	R42,310	R40,132
Montana	R4,610	R6,990	R7,852	R9,322
Nebraska	R10,964	R13,898	R19,657	20,344
Nevada	R22,535	R21,303	R22,056	R25,728
New Hampshire	R5,347	R6,981	R6,673	R8,118
New Jersey	R59,283	R91,613	R101,480	R100,401
New Mexico	R11,408	R13,473	R15,205	R18,296
New York	R94,938	R165,966	R180,721	R185,541
North Carolina	R33,961	R41,790	R56,908	R56,943
North Dakota	R5,012	R5,980	R7,547	R7,045
Ohio	R71,031	R120,107	R144,778	R142,053
Oklahoma	R37,061	R46,515	R56,194	R59,662
Oregon	R17,588	R16,876	R15,831	R23,345
Pennsylvania	R76,893	R115,060	R128,927	R130,164
Rhode Island	R5,631	R9,183	R9,167	R9,565
South Carolina	R19,143	R21,614	R24,316	R25,674
South Dakota	R5,462	R6,249	R8,383	8,814
Tennessee	R19,711	R29,718	47,266	42,787
Texas	R271,023	R315,617	R297,837	R348,119
Utah	R14,525	R14,704	R17,202	R23,346
Vermont	895	1,493	1,748	1,836
Virginia	R29,204	R47,104	R58,062	R56,711
Washington	R20,853	R23,430	R21,525	R30,508
West Virginia	R6,421	R10,777	R12,611	R11,602
Wisconsin	R33,066	R50,434	R68,372	R66,135
Wyoming	R5,824	R6,520	R6,818	R8,407
Total	R1,826,933	R2,392,542	R2,730,693	R2,903,574

^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: 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."

Table 19. Average citygate price, by state, 2015-2017
(dollars per thousand cubic feet)

State	2017	2016	2015	2017				
	7-Month YTD	7-Month YTD	7-Month YTD	July	June	May	April	March
Alabama	3.94	3.18	4.03	4.02	3.96	3.92	3.65	R3.59
Alaska	NA	6.63	6.75	5.76	5.69	6.02	6.96	7.42
Arizona	4.38	3.83	4.60	4.14	4.14	3.75	3.98	4.95
Arkansas	4.79	4.13	4.81	6.72	6.85	5.73	5.83	4.35
California	3.53	2.60	3.33	3.47	3.55	3.38	3.31	3.15
Colorado	3.93	3.28	4.24	5.09	4.68	3.98	3.66	3.65
Connecticut	4.62	3.48	4.18	6.08	6.58	5.85	4.97	3.53
Delaware	NA	4.76	5.69	10.42	9.94	7.65	NA	4.26
District of Columbia	--	--	--	--	--	--	--	--
Florida	NA	3.72	5.27	NA	NA	NA	NA	NA
Georgia	4.28	3.39	3.87	4.21	4.28	4.22	4.29	3.72
Hawaii	16.10	13.64	19.98	16.17	15.06	16.46	16.05	17.38
Idaho	3.10	3.24	4.31	2.47	3.29	3.04	2.71	3.31
Illinois	NA	3.15	3.93	3.76	NA	3.48	4.15	4.06
Indiana	3.96	3.36	4.15	4.97	4.87	4.28	4.25	3.72
Iowa	NA	3.58	4.48	4.08	4.34	NA	NA	4.08
Kansas	4.52	3.72	4.71	5.37	6.24	5.86	R4.81	3.99
Kentucky	NA	3.18	4.14	3.59	3.73	NA	4.46	NA
Louisiana	3.38	3.38	3.57	2.97	2.94	3.08	3.12	3.31
Maine	6.45	6.85	9.82	7.67	5.46	5.00	R5.30	R5.54
Maryland	NA	3.94	5.01	NA	NA	6.23	6.06	4.05
Massachusetts	5.06	4.19	5.89	9.61	9.04	6.38	5.46	4.06
Michigan	3.65	3.59	4.39	3.10	3.35	3.43	3.78	3.48
Minnesota	4.07	3.48	4.65	4.46	4.49	3.80	3.51	3.77
Mississippi	4.45	3.45	3.91	4.68	4.78	4.59	R3.95	3.88
Missouri	4.72	3.93	4.74	7.26	7.15	5.86	5.15	4.07
Montana	3.37	3.02	4.15	2.90	3.30	3.61	3.47	3.54
Nebraska	NA	3.69	4.60	NA	NA	NA	NA	NA
Nevada	4.34	3.43	4.43	4.50	4.52	4.13	4.40	R4.05
New Hampshire	NA	5.55	8.59	8.42	NA	5.50	4.64	4.37
New Jersey	4.45	3.89	5.03	4.61	4.73	4.56	4.26	4.32
New Mexico	NA	2.72	3.58	3.59	3.61	3.43	3.31	NA
New York	4.14	3.26	4.05	7.39	R7.18	R6.00	R4.23	R3.27
North Carolina	4.12	3.19	3.97	5.83	5.87	5.28	4.91	3.36
North Dakota	4.29	3.56	4.60	3.92	4.35	3.99	4.11	3.88
Ohio	NA	3.22	4.63	NA	NA	NA	NA	NA
Oklahoma	NA	3.77	4.63	NA	5.90	5.44	4.64	4.22
Oregon	3.93	4.09	4.94	5.71	5.29	4.56	3.90	3.59
Pennsylvania	4.38	3.52	4.39	7.30	R6.85	R5.37	R5.07	R3.86
Rhode Island	2.21	2.20	3.46	2.37	2.41	2.36	2.30	2.20
South Carolina	NA	3.40	4.09	4.11	4.23	4.27	R4.45	3.96
South Dakota	4.16	3.32	4.13	4.40	4.60	3.77	3.90	3.79
Tennessee	4.18	3.17	4.24	4.47	4.28	4.18	4.36	3.91
Texas	4.79	3.63	4.27	4.19	4.28	4.59	4.43	4.85
Utah	NA	5.34	6.06	NA	NA	4.79	4.78	5.94
Vermont	NA	5.46	6.80	4.31	4.74	4.69	5.26	4.98
Virginia	NA	3.79	4.93	NA	NA	NA	5.59	3.98
Washington	NA	3.44	4.83	4.21	4.43	4.26	3.64	3.04
West Virginia	NA	3.37	4.07	NA	6.40	4.87	4.26	3.32
Wisconsin	4.30	3.63	4.86	4.82	5.26	4.24	4.08	3.82
Wyoming	NA	3.40	4.67	3.98	3.79	NA	3.71	R3.89
Total	4.18	3.50	4.41	4.63	R4.75	R4.39	R4.17	R3.83

See footnotes at end of table.

Table 19. Average citygate price, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2017							2016
	February	January	Total	December	November	October	September	August
Alabama	4.23	4.13	3.44	3.78	3.85	4.20	3.89	3.89
Alaska	7.54	NA	R6.79	7.29	6.82	7.10	R6.58	6.19
Arizona	4.71	4.37	4.07	4.74	4.91	4.09	3.92	3.86
Arkansas	4.37	4.17	4.29	3.83	4.37	6.02	5.69	6.22
California	3.59	3.87	2.96	3.64	3.30	3.51	3.56	3.29
Colorado	3.91	3.92	3.56	3.61	3.88	4.73	5.27	4.81
Connecticut	4.45	4.45	3.57	3.90	3.31	3.13	4.29	4.20
Delaware	4.62	4.34	4.91	4.28	4.17	6.15	8.20	8.50
District of Columbia	--	--	--	--	--	--	--	--
Florida	NA	NA	4.04	5.47	4.92	4.45	4.13	R3.92
Georgia	4.43	4.69	3.67	4.08	R4.04	R4.26	R4.30	4.01
Hawaii	16.20	15.34	13.81	14.75	12.93	15.07	14.06	13.33
Idaho	3.14	3.17	3.21	3.16	3.29	3.18	3.29	2.69
Illinois	3.56	3.95	3.38	3.63	3.38	4.25	5.19	4.66
Indiana	3.89	3.81	R3.58	R3.84	R3.63	R4.26	R4.80	R4.92
Iowa	R4.42	R4.51	3.77	R4.04	R4.14	R4.18	R4.47	3.91
Kansas	R4.18	R4.24	R4.02	R3.75	R4.43	R6.27	R6.65	R5.63
Kentucky	4.19	NA	3.35	3.77	3.53	3.63	3.45	3.26
Louisiana	R3.81	3.91	3.65	4.18	4.23	3.98	4.07	3.85
Maine	7.58	7.36	6.41	R6.33	6.25	R4.23	R5.17	R4.64
Maryland	4.69	4.43	4.18	3.96	4.20	5.42	7.54	7.65
Massachusetts	4.53	4.66	4.49	4.61	4.16	5.36	8.26	6.95
Michigan	3.71	3.84	3.57	3.54	3.65	3.53	3.35	3.08
Minnesota	4.23	4.30	3.71	4.05	4.17	3.71	4.38	4.28
Mississippi	4.20	5.02	3.78	4.77	4.14	4.17	3.90	3.79
Missouri	R4.45	4.21	4.22	3.96	4.31	6.21	6.64	6.96
Montana	3.56	3.14	R3.05	2.87	3.17	3.33	3.45	3.34
Nebraska	NA	R4.34	3.75	3.67	3.99	4.19	3.65	3.90
Nevada	4.34	4.46	3.73	4.18	3.70	4.10	4.45	4.76
New Hampshire	NA	NA	5.30	5.32	4.60	3.80	5.34	4.73
New Jersey	4.48	4.52	3.93	4.14	3.94	3.75	4.02	3.75
New Mexico	R3.82	3.93	3.05	3.77	3.22	3.62	R3.46	3.39
New York	3.64	3.85	3.57	3.85	R3.42	R3.61	R6.30	R6.85
North Carolina	3.72	3.87	3.44	3.72	3.33	4.43	4.76	4.83
North Dakota	4.53	4.58	3.88	4.10	4.64	4.51	4.52	R4.18
Ohio	4.41	4.02	3.27	3.62	3.43	3.09	R2.43	R2.56
Oklahoma	4.26	4.46	3.98	4.04	4.00	5.03	5.29	5.39
Oregon	3.59	R3.69	4.15	3.77	4.03	4.40	5.96	5.33
Pennsylvania	4.20	R4.07	R3.72	3.72	R4.08	3.98	5.92	5.57
Rhode Island	2.18	2.12	2.12	1.99	1.96	1.96	2.01	2.03
South Carolina	4.40	NA	3.64	4.44	3.66	4.01	3.94	3.75
South Dakota	4.38	4.35	3.65	3.92	4.25	4.20	4.73	4.82
Tennessee	4.16	4.24	3.42	3.73	3.90	4.26	3.99	3.64
Texas	5.14	5.28	4.09	5.36	5.10	4.93	4.16	4.00
Utah	5.97	5.37	5.15	5.35	5.00	4.82	3.86	3.24
Vermont	5.69	NA	5.13	5.11	4.74	4.08	4.21	4.22
Virginia	4.07	3.90	R3.99	R3.68	3.87	5.37	6.50	7.04
Washington	3.47	NA	3.66	3.58	4.14	4.20	4.85	4.35
West Virginia	3.68	3.63	R3.46	3.30	3.45	3.73	5.14	5.08
Wisconsin	4.39	4.46	R3.81	3.88	R4.23	R4.37	R4.93	R4.18
Wyoming	4.23	4.27	3.53	4.00	3.48	3.76	3.46	3.38
Total	R4.13	4.21	R3.71	3.96	3.90	4.19	R4.60	R4.33

See footnotes at end of table.

Table 19. Average citygate price, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2016							2015
	July	June	May	April	March	February	January	Total
Alabama	3.89	3.34	2.99	2.90	3.00	3.18	3.22	3.91
Alaska	6.12	6.03	6.21	6.37	6.72	6.85	6.93	6.57
Arizona	4.05	3.31	2.77	3.03	4.85	4.60	3.64	4.38
Arkansas	6.68	6.16	4.79	4.60	4.53	3.76	3.43	4.77
California	3.34	2.52	2.49	2.25	2.30	2.65	2.72	3.27
Colorado	5.16	4.22	3.25	2.78	3.43	3.23	3.09	3.98
Connecticut	4.69	4.58	3.85	3.20	3.09	3.45	3.27	4.07
Delaware	8.77	8.53	6.24	5.03	4.70	3.84	3.81	5.87
District of Columbia	--	--	--	--	--	--	--	--
Florida	3.93	3.46	3.50	3.37	3.83	3.95	3.86	4.87
Georgia	4.32	3.44	3.37	3.19	3.21	3.25	3.35	3.83
Hawaii	13.54	17.26	16.20	14.19	13.19	10.52	10.93	18.11
Idaho	2.62	2.52	3.22	2.79	3.67	3.47	3.20	3.95
Illinois	4.25	3.72	3.10	3.39	3.33	2.79	3.12	3.82
Indiana	5.25	4.38	3.27	2.93	3.48	3.27	3.28	4.03
Iowa	3.94	3.67	3.01	3.46	3.70	3.57	3.61	4.29
Kansas	5.33	5.57	4.41	4.27	3.52	3.25	3.25	4.59
Kentucky	3.47	2.85	2.85	2.97	3.26	3.26	3.24	3.96
Louisiana	4.00	3.16	2.99	3.03	3.32	3.49	3.51	3.32
Maine	5.30	5.40	3.83	3.57	7.53	8.85	7.76	8.76
Maryland	8.57	7.14	4.57	3.89	4.34	3.52	3.30	5.01
Massachusetts	7.49	5.90	4.72	3.94	3.40	4.30	3.93	5.72
Michigan	3.19	2.76	2.87	2.91	3.90	3.84	3.80	4.23
Minnesota	3.88	3.49	2.98	2.94	3.77	3.65	3.43	4.39
Mississippi	4.04	3.46	3.19	3.36	3.18	3.85	3.28	3.86
Missouri	7.08	5.58	5.16	4.50	3.85	3.43	3.32	4.64
Montana	3.65	2.50	2.28	2.42	3.03	3.43	3.23	3.71
Nebraska	4.44	3.17	3.00	3.14	4.16	3.80	3.65	4.32
Nevada	4.50	3.74	3.19	3.16	3.18	3.56	3.38	4.06
New Hampshire	6.79	5.79	3.87	2.72	3.57	7.03	7.02	7.64
New Jersey	3.92	3.91	3.80	3.81	3.98	3.94	3.84	4.87
New Mexico	3.50	2.89	2.43	2.23	2.75	2.80	2.72	3.32
New York	6.58	5.65	4.26	3.03	2.84	2.92	2.62	4.15
North Carolina	5.28	4.38	3.71	3.21	3.10	2.87	2.98	3.81
North Dakota	4.36	2.83	2.71	2.97	3.65	3.84	3.76	4.46
Ohio	2.69	2.46	2.61	2.41	3.09	3.55	3.60	4.49
Oklahoma	5.51	4.77	3.83	3.73	3.58	3.69	3.62	4.59
Oregon	5.85	5.18	4.65	4.15	3.63	3.96	3.71	4.65
Pennsylvania	6.55	6.36	4.35	3.28	3.98	3.18	3.04	4.38
Rhode Island	2.06	2.05	2.09	2.14	2.22	2.24	2.23	3.14
South Carolina	3.87	3.43	3.08	3.37	3.41	3.27	3.42	3.90
South Dakota	4.47	3.06	2.28	2.47	3.40	3.49	3.65	4.16
Tennessee	3.88	3.19	3.01	2.97	3.11	3.14	3.21	4.06
Texas	3.94	3.41	3.20	3.20	3.60	3.87	3.79	4.19
Utah	3.37	3.58	4.60	4.63	6.06	6.05	5.61	5.70
Vermont	4.01	4.24	4.96	4.85	6.93	5.98	5.52	6.33
Virginia	6.25	6.42	4.38	3.92	3.72	3.31	3.40	4.87
Washington	4.56	3.57	3.85	3.43	3.12	3.63	3.21	4.42
West Virginia	5.59	4.62	3.41	3.18	3.26	3.38	3.13	4.00
Wisconsin	4.36	3.75	3.38	3.11	3.57	3.85	3.62	4.71
Wyoming	3.19	2.56	3.07	3.10	3.47	3.75	3.62	4.36
Total	4.42	3.84	3.44	3.22	3.49	3.48	3.39	4.26

See footnotes at end of table.

Table 19. Average citygate price, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2015							
	December	November	October	September	August	July	June	May
Alabama	3.27	3.61	3.83	3.81	4.04	3.94	3.96	3.84
Alaska	6.53	6.56	6.11	5.90	5.80	5.60	5.61	5.80
Arizona	3.65	4.42	4.25	4.48	4.53	4.55	4.29	3.81
Arkansas	4.00	4.16	5.63	5.58	6.92	7.11	6.56	5.52
California	3.02	3.08	3.32	3.42	3.55	3.56	3.42	2.96
Colorado	3.07	3.24	4.60	5.60	5.59	5.33	5.20	4.22
Connecticut	3.80	3.36	3.58	4.59	4.45	4.58	4.58	4.49
Delaware	4.98	5.14	6.54	10.35	10.03	10.56	10.05	9.71
District of Columbia	--	--	--	--	--	--	--	--
Florida	¥4.00	¥4.84	4.17	4.53	4.44	4.87	5.12	¥4.85
Georgia	3.51	3.37	3.80	4.14	4.16	4.16	4.23	3.93
Hawaii	14.81	14.92	14.59	15.38	17.72	22.97	25.54	22.92
Idaho	3.34	3.52	3.75	3.67	4.50	4.65	3.99	3.81
Illinois	3.43	3.17	3.61	4.91	4.75	5.12	4.09	3.95
Indiana	3.52	3.62	3.68	4.58	4.82	4.57	4.61	4.26
Iowa	3.79	3.81	3.58	4.62	4.61	4.54	3.63	4.32
Kansas	3.55	3.94	5.53	6.43	5.66	5.39	6.04	5.72
Kentucky	3.85	3.21	3.41	3.34	3.41	3.44	3.97	3.78
Louisiana	2.95	2.62	2.95	3.08	3.28	3.48	3.22	3.04
Maine	8.01	7.52	4.38	5.52	5.39	9.76	7.37	7.25
Maryland	5.19	4.26	4.07	7.19	8.89	7.53	6.67	5.94
Massachusetts	5.42	4.42	4.62	7.59	7.15	7.30	6.25	6.74
Michigan	3.95	3.87	3.65	3.60	3.82	3.82	3.92	3.71
Minnesota	3.65	4.06	3.51	4.49	4.52	4.68	4.29	3.66
Mississippi	4.29	3.02	3.68	3.64	3.82	3.81	3.83	3.64
Missouri	3.48	3.86	5.33	6.73	7.26	7.35	6.97	6.51
Montana	3.25	2.87	3.28	3.10	3.36	3.43	3.24	3.56
Nebraska	3.23	3.83	4.04	4.68	4.16	4.11	3.65	4.71
Nevada	3.15	3.57	4.40	4.38	4.64	4.53	4.15	3.89
New Hampshire	6.40	4.34	3.59	5.90	7.17	7.87	9.74	5.52
New Jersey	4.27	4.30	4.37	5.00	4.84	4.70	4.78	4.73
New Mexico	2.76	2.80	3.34	3.57	3.74	3.64	3.55	3.17
New York	3.56	3.54	4.57	7.12	7.07	7.01	6.26	5.72
North Carolina	3.10	2.79	3.88	4.43	4.68	4.64	4.62	4.46
North Dakota	3.94	4.16	4.58	5.00	4.32	3.56	3.59	3.46
Ohio	3.75	3.45	3.02	2.34	3.04	3.24	3.98	4.21
Oklahoma	3.86	4.22	5.28	5.45	5.43	5.17	4.82	4.23
Oregon	3.72	3.92	5.15	5.19	5.84	6.30	5.36	5.37
Pennsylvania	4.10	4.24	3.79	6.30	6.22	5.85	5.60	6.65
Rhode Island	2.21	2.22	2.24	2.31	2.41	2.52	2.66	2.83
South Carolina	3.48	3.20	3.56	4.01	3.96	3.97	4.07	4.09
South Dakota	4.01	4.19	4.60	4.72	4.44	4.11	3.81	3.01
Tennessee	3.45	3.49	3.80	4.03	4.00	4.12	4.14	4.60
Texas	4.37	3.90	4.17	3.73	3.86	3.94	3.71	3.58
Utah	5.96	4.84	5.49	4.18	3.96	4.34	3.99	5.69
Vermont	5.93	5.08	4.59	5.96	6.34	6.39	7.22	8.35
Virginia	4.36	4.07	4.75	5.61	7.36	7.00	6.62	6.69
Washington	3.46	3.51	4.25	5.08	5.84	5.29	5.24	5.10
West Virginia	3.63	3.57	3.60	4.77	4.72	5.37	4.49	4.06
Wisconsin	3.96	4.21	4.25	5.61	5.95	5.68	5.79	4.47
Wyoming	3.89	3.88	4.09	3.89	3.50	3.06	3.55	4.32
Total	3.75	¥3.69	4.00	4.56	4.59	4.65	4.44	¥4.25

See footnotes at end of table.

Table 19. Average citygate price, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2015			
	April	March	February	January
Alabama	4.08	4.12	3.89	4.18
Alaska	6.22	6.86	7.21	7.43
Arizona	3.95	5.45	5.08	4.52
Arkansas	6.31	4.87	4.27	4.48
California	3.13	3.27	3.30	3.58
Colorado	4.11	4.45	4.24	3.92
Connecticut	3.28	3.89	4.50	4.26
Delaware	6.31	4.89	5.29	4.62
District of Columbia	--	--	--	--
Florida	5.24	6.30	5.25	5.33
Georgia	4.04	3.81	3.56	3.89
Hawaii	19.95	18.30	17.90	13.58
Idaho	3.42	4.86	4.66	4.27
Illinois	3.54	3.81	4.06	3.87
Indiana	3.55	4.23	4.09	4.23
Iowa	4.12	4.69	4.26	4.81
Kansas	3.64	4.35	4.25	5.27
Kentucky	3.75	4.24	4.04	4.48
Louisiana	3.08	3.69	3.86	4.15
Maine	6.30	9.28	11.79	10.83
Maryland	4.14	4.40	5.60	4.61
Massachusetts	3.93	4.96	7.43	5.44
Michigan	3.84	4.38	4.55	4.63
Minnesota	3.83	5.36	4.69	4.72
Mississippi	3.46	4.07	3.63	4.37
Missouri	5.47	4.50	4.24	4.41
Montana	3.44	4.54	4.34	4.53
Nebraska	3.93	4.87	4.29	5.19
Nevada	3.95	4.70	4.79	4.49
New Hampshire	4.46	6.46	10.71	10.03
New Jersey	4.48	5.09	5.64	4.66
New Mexico	3.56	3.77	3.56	3.62
New York	2.94	3.19	4.43	3.84
North Carolina	4.05	3.71	3.87	3.90
North Dakota	4.08	4.85	4.77	5.03
Ohio	4.51	4.79	4.78	4.83
Oklahoma	4.34	4.46	4.44	5.21
Oregon	4.68	4.83	4.84	4.67
Pennsylvania	4.51	4.28	4.10	4.30
Rhode Island	3.09	3.59	3.63	3.61
South Carolina	4.11	4.11	4.02	4.23
South Dakota	3.21	4.02	4.46	4.57
Tennessee	3.95	4.32	4.17	4.30
Texas	3.74	4.17	4.31	4.93
Utah	5.99	6.40	6.81	6.35
Vermont	6.55	6.62	6.84	6.59
Virginia	4.52	4.01	5.33	4.56
Washington	4.19	4.96	4.89	4.79
West Virginia	3.62	3.99	4.04	4.13
Wisconsin	4.10	4.98	4.76	5.01
Wyoming	4.31	4.67	4.95	5.52
Total	3.93	4.35	4.57	4.48

^R Revised data.

-- Not applicable.

^{NA} Not available.

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

Source: 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, 2015-2017
(dollars per thousand cubic feet)

State	2017	2016	2015	2017				
	7-Month YTD	7-Month YTD	7-Month YTD	July	June	May	April	March
Alabama	15.74	12.98	13.33	22.48	R21.45	R20.87	R16.43	R14.73
Alaska	10.12	9.58	9.96	13.73	R12.79	R11.00	R10.23	R9.58
Arizona	NA	14.97	17.74	22.64	R20.40	R18.12	R16.75	R15.26
Arkansas	12.47	10.32	11.11	20.16	R18.26	R15.66	R14.03	R12.53
California	12.80	11.20	11.47	12.56	R13.16	R12.98	R12.52	R12.42
Colorado	8.05	6.98	8.59	14.69	R12.66	R9.16	R8.03	R7.91
Connecticut	13.71	12.30	12.04	22.06	18.84	16.63	13.82	12.31
Delaware	11.97	11.06	12.12	22.77	18.79	15.97	12.03	R11.30
District of Columbia	12.73	10.33	11.83	19.00	17.71	16.99	12.85	12.22
Florida	20.10	18.76	18.11	25.25	R23.91	R22.09	R19.68	R19.34
Georgia	16.80	13.24	13.43	29.12	R26.53	R23.57	R18.20	R14.58
Hawaii	38.22	36.86	41.58	39.99	37.63	39.21	38.06	38.69
Idaho	7.81	8.53	8.96	11.21	10.41	8.28	7.98	8.04
Illinois	8.94	7.29	7.82	16.75	R15.18	11.01	10.13	R7.87
Indiana	9.30	7.53	9.09	20.05	R19.13	R11.68	R11.66	R7.73
Iowa	8.66	7.43	8.08	17.73	R15.03	R10.88	8.99	7.75
Kansas	NA	9.30	10.25	22.06	19.78	NA	13.06	10.18
Kentucky	11.84	9.33	10.37	24.75	R24.23	R18.26	R13.84	R10.50
Louisiana	12.90	10.33	9.99	16.56	R15.53	R14.99	R13.65	R12.80
Maine	NA	13.49	17.57	NA	17.86	14.97	R14.11	13.03
Maryland	NA	10.76	11.43	20.74	NA	NA	NA	R11.14
Massachusetts	13.15	12.02	13.27	15.43	R13.45	R13.60	R13.19	R12.88
Michigan	8.41	8.05	8.88	14.37	R13.16	9.83	9.16	7.72
Minnesota	8.53	7.76	9.04	13.49	R12.60	R9.79	R8.52	R7.70
Mississippi	11.69	9.42	9.05	17.56	R16.25	R15.14	R12.93	R10.73
Missouri	10.88	9.96	10.84	26.48	21.51	15.45	R12.34	10.48
Montana	7.44	7.11	8.42	10.99	R9.59	R8.08	R7.51	R7.38
Nebraska	8.60	7.40	8.66	16.90	R14.24	R10.43	R8.76	R7.92
Nevada	8.20	10.47	12.17	13.23	11.62	10.63	8.99	7.76
New Hampshire	13.57	13.41	16.10	22.46	16.35	14.31	12.22	12.75
New Jersey	8.85	7.75	8.01	11.89	10.31	9.68	8.33	8.67
New Mexico	8.62	7.31	8.44	14.74	R12.43	R10.19	R8.81	R7.87
New York	11.50	10.43	10.59	19.01	R16.16	R14.38	R11.04	R10.76
North Carolina	NA	10.63	10.62	NA	R22.62	R19.47	NA	NA
North Dakota	NA	6.93	8.37	21.86	R19.62	NA	R7.60	R6.47
Ohio	NA	8.03	8.92	26.48	R23.74	NA	R10.31	R7.77
Oklahoma	10.43	9.14	9.38	25.88	R21.81	R15.88	R13.15	R10.27
Oregon	10.61	12.30	12.56	15.65	R14.51	12.41	11.15	10.83
Pennsylvania	NA	9.72	10.86	19.38	16.82	R13.15	11.71	10.35
Rhode Island	13.38	13.32	13.76	19.15	16.38	15.11	13.18	12.79
South Carolina	15.08	11.71	11.23	24.78	R24.43	R22.07	R17.21	R11.84
South Dakota	7.89	7.06	8.26	14.62	R12.10	R9.12	R7.78	R7.51
Tennessee	10.22	8.38	9.05	18.95	R17.12	R14.34	R11.11	R9.75
Texas	12.71	10.20	9.61	21.25	R18.83	R17.36	R15.84	R12.44
Utah	8.86	8.99	9.88	10.88	9.56	8.36	9.15	9.18
Vermont	13.33	13.57	14.02	21.43	17.88	14.90	12.83	12.42
Virginia	NA	10.14	11.01	21.46	R19.19	NA	R14.00	NA
Washington	10.59	10.51	12.46	15.37	R14.64	R12.02	R10.66	R10.23
West Virginia	NA	9.08	10.38	NA	R17.59	R11.54	R9.53	R8.45
Wisconsin	8.37	7.80	8.54	15.04	R12.99	R8.99	R9.03	R7.49
Wyoming	8.80	8.20	9.41	17.24	12.39	10.06	9.31	8.50
Total	10.80	9.48	10.08	17.75	R15.96	13.18	R11.39	R9.90

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2017							2016
	February	January	Total	December	November	October	September	August
Alabama	\$14.90	\$13.70	14.05	\$14.28	19.09	21.22	\$21.14	\$21.27
Alaska	\$9.62	\$9.45	9.81	9.51	9.73	10.07	\$11.34	12.66
Arizona	NA	\$12.65	\$15.28	\$12.70	\$15.69	\$18.72	\$20.81	\$22.42
Arkansas	\$11.82	\$10.41	\$11.17	\$10.66	\$17.46	\$18.13	\$18.76	\$18.56
California	\$12.67	\$13.11	\$11.84	\$13.08	\$12.33	\$13.31	\$13.26	\$12.82
Colorado	\$7.44	\$6.85	\$7.35	\$6.46	\$7.38	\$9.71	\$12.07	\$14.22
Connecticut	13.19	\$12.40	12.91	11.73	\$13.29	16.63	\$22.19	24.07
Delaware	\$11.01	\$10.61	11.88	\$11.38	\$13.77	\$19.82	\$22.52	\$24.25
District of Columbia	11.43	11.44	\$10.90	\$10.62	\$13.28	\$12.53	\$18.63	\$19.25
Florida	\$18.30	\$17.63	\$20.27	\$19.10	\$23.55	\$26.53	\$25.75	\$26.80
Georgia	\$14.27	\$12.87	14.56	\$11.96	\$16.02	\$24.58	26.17	\$25.18
Hawaii	37.91	36.66	\$36.48	\$37.57	\$34.17	\$37.56	\$35.43	\$34.94
Idaho	7.50	7.20	\$8.14	\$7.22	\$7.37	\$8.24	\$9.49	\$10.16
Illinois	8.32	7.51	7.88	\$6.74	8.71	\$12.16	\$16.72	17.33
Indiana	\$8.63	\$7.67	\$7.92	\$6.41	\$8.48	\$11.92	\$17.65	\$18.47
Iowa	8.02	\$7.65	8.13	6.93	10.22	14.77	16.31	\$17.64
Kansas	10.00	8.64	9.85	\$8.62	\$9.29	\$18.34	\$19.96	\$21.74
Kentucky	\$10.99	\$9.33	\$10.14	\$8.65	\$11.45	\$19.46	\$22.92	\$24.45
Louisiana	\$12.38	\$10.96	\$11.32	\$11.00	\$14.93	\$16.22	\$15.84	\$16.62
Maine	13.70	13.71	\$13.82	\$12.87	\$13.30	\$15.75	\$21.33	\$22.79
Maryland	\$12.57	\$11.64	\$11.53	\$10.84	\$13.22	\$17.39	\$20.27	\$20.97
Massachusetts	\$13.09	\$12.89	\$12.46	\$13.15	\$13.27	\$13.70	\$14.97	\$15.22
Michigan	\$7.93	7.54	\$8.21	\$7.35	\$7.98	\$9.39	\$12.85	\$14.65
Minnesota	\$8.14	\$8.13	\$8.01	\$7.31	\$7.98	\$9.51	\$13.20	\$13.37
Mississippi	\$10.77	\$10.10	\$10.06	\$8.87	\$13.44	\$15.88	\$15.19	\$15.99
Missouri	\$9.32	8.27	\$10.94	\$9.09	\$15.25	\$21.71	\$24.01	\$26.41
Montana	\$7.29	6.73	\$7.27	\$6.74	\$7.37	\$7.93	\$10.06	\$11.11
Nebraska	\$7.98	\$7.42	\$8.01	\$7.05	\$10.07	\$13.31	\$15.73	\$16.13
Nevada	7.10	6.96	10.23	7.57	9.70	11.49	13.81	14.42
New Hampshire	13.60	13.26	14.25	14.19	14.97	19.46	24.66	24.61
New Jersey	\$8.51	\$8.72	\$8.30	\$8.75	\$9.37	\$10.25	\$11.74	\$12.12
New Mexico	\$7.97	\$7.67	\$8.05	\$7.64	10.06	\$12.56	\$14.49	15.18
New York	\$10.98	\$9.81	\$10.84	\$9.61	\$10.95	\$14.87	\$17.33	\$17.85
North Carolina	\$13.85	\$11.78	11.31	\$10.61	\$11.89	\$18.54	21.70	21.26
North Dakota	\$6.80	5.94	7.21	\$5.68	\$6.96	\$8.49	\$16.28	\$20.06
Ohio	8.19	\$7.16	\$9.03	\$7.80	\$10.00	\$18.54	\$25.79	\$26.95
Oklahoma	8.77	7.12	\$10.57	\$8.37	\$18.86	\$24.82	\$26.09	\$28.99
Oregon	10.04	9.30	11.67	\$9.34	11.37	\$11.81	\$14.32	\$16.61
Pennsylvania	10.35	NA	\$10.18	\$9.21	\$10.62	\$13.58	\$18.88	\$19.48
Rhode Island	12.72	12.58	13.80	13.03	14.27	17.92	20.26	20.37
South Carolina	\$15.11	\$13.46	\$12.62	\$11.62	\$13.55	\$22.15	\$25.25	\$25.55
South Dakota	\$7.86	\$6.93	\$7.60	\$6.73	\$9.58	\$10.46	\$13.36	\$14.15
Tennessee	\$9.41	\$8.67	9.21	\$8.78	\$12.18	17.97	\$17.59	\$18.95
Texas	\$10.77	\$9.71	11.73	\$10.84	\$18.66	\$20.34	\$21.23	\$22.99
Utah	8.79	8.40	9.12	8.99	\$9.91	9.23	10.12	\$10.76
Vermont	12.37	12.69	14.15	13.13	14.31	18.75	22.57	23.02
Virginia	\$12.17	\$10.49	\$10.88	\$10.16	\$12.69	\$16.02	\$20.91	\$20.99
Washington	\$10.03	\$9.75	10.78	\$10.06	\$11.05	\$11.53	\$13.92	\$16.14
West Virginia	\$8.37	\$8.17	9.26	8.22	8.92	11.65	16.69	18.41
Wisconsin	\$7.56	\$8.05	\$8.07	7.41	\$8.25	\$9.19	\$14.28	\$15.04
Wyoming	8.08	7.50	8.51	\$7.32	\$8.77	\$10.25	\$15.68	\$16.54
Total	\$10.06	9.38	\$10.05	\$9.06	10.77	\$13.74	\$16.78	\$17.60

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2016							2015
	July	June	May	April	March	February	January	Total
Alabama	20.57	19.31	17.16	14.45	12.16	11.26	12.15	14.13
Alaska	12.98	12.14	10.41	9.63	9.09	8.99	8.87	9.64
Arizona	21.61	19.59	17.54	16.63	18.16	13.91	12.06	17.04
Arkansas	16.74	15.32	13.66	10.84	10.27	9.01	9.49	11.58
California	11.90	11.31	11.45	10.44	10.54	11.46	11.39	11.39
Colorado	13.96	12.46	7.07	6.84	6.68	6.45	6.07	8.27
Connecticut	21.76	19.19	15.04	12.88	11.74	10.67	10.34	12.50
Delaware	21.38	17.57	13.46	11.49	10.26	9.73	10.11	12.62
District of Columbia	17.60	14.70	12.03	10.10	10.27	9.12	9.53	11.98
Florida	26.17	23.35	21.72	20.29	17.88	15.31	16.52	19.34
Georgia	25.15	23.87	19.44	15.76	12.50	10.56	10.40	14.62
Hawaii	34.84	42.65	39.99	36.94	37.08	33.73	33.45	40.08
Idaho	9.88	9.80	9.21	8.94	8.79	8.23	8.00	8.59
Illinois	16.49	12.62	10.48	7.53	7.08	6.30	5.83	7.97
Indiana	18.89	16.47	10.09	7.76	8.07	6.41	6.01	8.92
Iowa	16.05	13.28	8.74	7.53	7.33	6.52	6.53	8.51
Kansas	20.13	18.92	13.42	11.08	9.43	7.89	7.27	10.17
Kentucky	23.07	20.15	14.84	10.32	8.75	7.61	7.85	10.87
Louisiana	15.93	13.87	13.13	11.10	10.30	8.52	9.23	10.77
Maine	21.88	17.99	13.46	12.56	12.97	13.07	13.19	16.79
Maryland	19.83	15.79	12.44	11.30	10.85	9.30	9.78	12.03
Massachusetts	14.42	12.73	12.35	11.91	11.60	11.97	11.88	13.02
Michigan	13.51	13.02	9.65	7.84	7.82	7.61	7.29	8.81
Minnesota	13.50	11.71	9.87	7.62	7.66	7.12	7.05	8.79
Mississippi	15.67	13.92	12.95	10.76	9.02	7.96	8.43	9.70
Missouri	24.86	19.73	15.60	11.32	9.32	8.13	7.99	11.60
Montana	10.33	8.36	7.19	6.77	7.02	6.90	6.81	8.21
Nebraska	15.03	12.37	9.25	7.63	7.02	6.52	6.45	8.86
Nevada	14.63	12.99	11.92	11.25	10.84	9.75	9.12	11.82
New Hampshire	23.02	18.19	13.97	12.22	11.76	12.70	14.05	16.18
New Jersey	11.33	10.64	9.37	8.86	8.12	6.79	6.48	8.32
New Mexico	13.85	11.38	8.73	7.48	7.06	6.44	6.35	8.63
New York	16.64	14.69	10.99	9.88	9.65	9.45	10.31	11.20
North Carolina	22.51	19.62	16.42	13.11	12.62	9.06	8.76	11.57
North Dakota	20.50	19.20	9.52	6.90	6.30	5.60	5.49	8.15
Ohio	25.16	19.01	11.57	7.94	7.07	6.37	6.42	9.51
Oklahoma	24.71	19.80	16.73	10.96	8.92	6.81	6.53	10.24
Oregon	16.56	15.90	15.29	13.81	12.08	11.97	10.36	12.49
Pennsylvania	18.34	15.62	11.38	9.91	9.51	8.64	8.75	11.04
Rhode Island	19.20	16.89	14.49	13.42	12.64	12.35	12.73	14.24
South Carolina	26.86	24.09	18.62	15.18	13.47	9.75	9.04	12.62
South Dakota	13.48	11.34	7.74	6.87	7.14	6.59	6.29	8.30
Tennessee	17.12	14.81	12.59	9.53	7.88	7.27	7.40	9.62
Texas	19.53	16.71	16.50	11.75	10.12	7.87	7.85	10.64
Utah	10.67	9.81	8.89	8.96	9.51	8.79	8.59	9.72
Vermont	21.11	18.40	14.26	13.30	12.66	12.53	13.24	14.56
Virginia	19.60	15.27	12.49	10.47	10.04	8.63	9.30	11.64
Washington	15.24	13.58	11.62	10.55	10.34	9.90	9.53	11.81
West Virginia	17.03	15.58	11.72	9.36	8.82	8.31	8.31	10.48
Wisconsin	14.30	10.56	8.63	7.57	7.39	7.24	7.46	8.54
Wyoming	16.97	11.27	8.49	8.24	7.61	7.62	7.33	9.33
Total	16.55	14.43	11.62	9.65	9.19	8.36	8.28	10.38

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2015							
	December	November	October	September	August	July	June	May
Alabama	14.47	17.89	19.36	20.73	20.85	20.60	19.60	17.89
Alaska	8.76	8.86	9.40	9.81	11.41	11.66	11.29	10.87
Arizona	12.75	14.57	20.78	23.01	24.01	23.60	21.53	19.21
Arkansas	10.47	13.97	17.62	18.97	19.43	17.75	16.15	13.90
California	11.38	10.31	11.54	11.92	11.86	11.69	11.73	11.35
Colorado	6.48	6.92	9.31	13.17	13.68	14.38	11.28	9.25
Connecticut	11.84	12.53	15.33	21.54	19.36	18.26	17.41	14.40
Delaware	11.09	14.03	18.50	23.22	23.75	21.80	20.74	16.05
District of Columbia	10.25	12.06	15.52	17.40	17.38	16.93	16.63	14.34
Florida	19.22	21.63	23.45	24.50	24.67	24.40	22.66	21.30
Georgia	13.97	14.73	19.81	24.96	24.03	24.71	23.63	19.84
Hawaii	38.28	38.53	37.46	36.41	37.50	45.21	48.71	45.31
Idaho	7.87	7.71	8.90	9.53	10.93	10.69	10.08	9.21
Illinois	6.30	7.13	9.70	15.39	16.41	15.14	13.63	11.47
Indiana	6.93	7.34	9.29	15.25	17.74	17.99	17.88	13.44
Iowa	7.31	8.43	13.18	16.44	17.39	15.71	13.01	10.07
Kansas	7.79	7.97	14.33	19.63	20.73	19.33	17.65	14.49
Kentucky	9.35	10.99	16.11	21.00	22.21	23.11	21.52	17.11
Louisiana	10.76	13.65	14.88	15.65	16.29	15.26	14.79	13.38
Maine	13.17	12.75	15.03	21.77	22.85	20.77	17.13	16.58
Maryland	13.09	12.69	13.48	19.36	19.04	18.40	18.32	16.78
Massachusetts	12.69	11.18	10.75	13.26	13.82	13.29	12.18	12.74
Michigan	7.57	7.91	8.96	13.26	13.57	13.69	12.54	10.54
Minnesota	7.12	7.67	9.27	12.68	12.93	13.22	13.46	10.59
Mississippi	9.70	12.11	13.94	15.36	15.79	14.84	14.40	12.92
Missouri	9.51	13.97	20.52	23.90	25.52	24.26	20.80	17.02
Montana	6.81	7.35	9.01	11.04	11.79	11.68	10.00	8.43
Nebraska	6.83	9.43	13.81	15.57	15.66	14.76	12.18	10.32
Nevada	8.96	10.80	14.95	16.14	16.41	16.72	15.51	14.34
New Hampshire	15.06	14.11	17.88	22.91	22.68	19.23	16.48	15.12
New Jersey	7.80	9.03	10.24	12.30	12.42	11.96	11.35	9.56
New Mexico	6.76	8.27	13.08	14.85	14.92	14.55	11.79	9.92
New York	11.43	12.26	14.24	17.50	17.30	17.09	16.26	12.68
North Carolina	12.87	12.15	14.61	21.77	21.94	21.14	20.97	17.62
North Dakota	5.60	6.56	9.57	16.93	19.37	21.03	17.34	10.19
Ohio	7.41	9.69	15.37	24.33	25.48	23.85	19.97	13.51
Oklahoma	7.34	14.37	23.34	25.17	26.60	23.07	19.17	15.76
Oregon	10.90	12.75	13.61	14.52	17.18	16.28	15.62	14.07
Pennsylvania	9.82	10.53	12.23	18.26	18.56	17.77	15.77	13.63
Rhode Island	13.49	15.48	19.04	21.00	20.94	19.74	17.85	15.79
South Carolina	15.32	14.87	16.32	23.88	22.71	24.58	24.51	21.17
South Dakota	6.63	8.04	10.43	14.36	14.99	14.53	12.35	9.18
Tennessee	9.22	11.74	14.40	17.34	19.64	17.60	16.14	14.17
Texas	9.33	15.52	19.22	20.94	21.12	18.29	16.60	15.80
Utah	8.75	9.22	10.85	10.89	10.84	10.69	9.90	9.54
Vermont	13.84	14.89	18.41	23.16	23.04	21.69	19.41	15.81
Virginia	12.14	11.77	15.88	19.54	21.20	20.34	19.54	15.69
Washington	9.75	9.88	13.01	14.49	17.18	16.99	16.73	14.23
West Virginia	8.86	9.62	12.22	17.56	19.08	19.83	17.05	12.88
Wisconsin	7.46	7.98	8.51	12.94	14.20	13.41	13.24	9.38
Wyoming	7.05	8.44	12.66	15.66	16.07	15.70	11.34	9.65
Total	9.27	10.02	12.60	16.40	16.88	16.28	15.07	12.73

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2015			
	April	March	February	January
Alabama	15.36	12.15	12.21	12.79
Alaska	10.03	9.68	9.64	9.51
Arizona	18.94	18.94	18.88	14.36
Arkansas	11.66	9.98	10.90	10.65
California	10.93	11.29	11.53	11.68
Colorado	8.07	8.50	7.97	8.05
Connecticut	12.54	11.00	11.10	11.67
Delaware	12.74	11.27	11.33	11.23
District of Columbia	12.16	11.94	10.50	11.34
Florida	18.82	16.23	15.98	16.65
Georgia	15.91	12.21	11.05	11.66
Hawaii	40.85	39.78	38.87	35.07
Idaho	8.86	9.12	8.79	8.64
Illinois	8.42	7.45	6.46	7.30
Indiana	10.66	9.24	7.55	8.13
Iowa	8.50	7.75	7.14	7.52
Kansas	13.64	9.74	8.59	9.19
Kentucky	12.94	8.96	8.92	9.48
Louisiana	11.12	8.71	9.09	9.22
Maine	17.33	17.52	17.45	17.91
Maryland	11.48	10.71	10.10	11.18
Massachusetts	12.71	12.44	13.59	14.51
Michigan	8.89	8.37	8.39	8.61
Minnesota	8.85	9.45	8.23	8.56
Mississippi	10.53	8.23	8.25	8.14
Missouri	12.66	9.26	9.63	9.46
Montana	8.20	8.01	8.16	8.33
Nebraska	9.15	7.91	7.89	8.31
Nevada	13.30	11.84	11.40	10.42
New Hampshire	15.10	15.33	16.20	17.43
New Jersey	7.33	7.49	7.82	7.81
New Mexico	8.92	7.56	7.37	8.05
New York	10.19	9.34	9.79	10.51
North Carolina	14.25	10.08	8.93	10.05
North Dakota	8.59	7.52	7.02	7.85
Ohio	9.15	7.77	7.54	7.91
Oklahoma	12.21	7.52	8.07	7.83
Oregon	11.84	13.30	12.43	11.23
Pennsylvania	10.81	10.03	10.31	10.53
Rhode Island	13.88	13.07	12.93	13.23
South Carolina	16.87	10.64	8.81	10.17
South Dakota	8.46	8.04	7.58	7.71
Tennessee	10.41	7.57	8.47	8.72
Texas	11.62	7.94	7.96	8.65
Utah	9.98	9.99	10.40	9.44
Vermont	13.73	13.09	13.00	13.79
Virginia	11.62	10.17	9.31	10.81
Washington	12.22	12.06	11.83	11.46
West Virginia	10.93	9.90	9.79	9.80
Wisconsin	6.93	8.38	8.11	8.60
Wyoming	9.49	8.78	8.98	8.77
Total	10.43	9.28	9.08	9.50

^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: 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, 2015-2017
(dollars per thousand cubic feet)

State	2017	2016	2015	2017				
	7-Month YTD	7-Month YTD	7-Month YTD	July	June	May	April	March
Alabama	12.01	10.22	11.06	13.31	R12.98	R12.91	R12.35	R11.66
Alaska	8.77	8.01	8.30	9.73	R9.30	R8.75	R8.62	R8.65
Arizona	8.68	9.11	11.04	9.14	R8.95	R8.88	R9.02	R8.87
Arkansas	8.25	6.98	8.60	9.31	R9.20	R8.83	R8.60	R8.29
California	9.13	7.85	8.16	8.41	R8.76	R8.70	R8.83	R9.49
Colorado	7.12	6.12	7.84	9.52	9.00	7.27	6.97	7.09
Connecticut	9.33	8.54	8.41	10.99	R10.70	R10.75	R9.25	R8.33
Delaware	10.22	9.15	10.57	13.06	11.92	11.18	10.15	R9.97
District of Columbia	11.39	9.62	11.27	12.49	12.88	12.15	11.60	11.58
Florida	11.00	10.31	10.85	11.06	R11.15	R11.09	R10.95	R11.02
Georgia	8.89	7.57	8.42	9.69	R9.96	R9.77	R9.23	R8.52
Hawaii	29.07	27.30	32.92	29.57	28.42	29.16	29.15	29.62
Idaho	6.73	7.40	7.85	7.60	7.44	7.11	7.15	6.93
Illinois	8.06	6.67	7.17	12.46	R12.55	R10.22	R9.16	R7.26
Indiana	7.98	6.31	8.00	11.40	R11.52	R9.09	R9.65	R6.90
Iowa	6.80	5.69	6.52	9.64	R9.05	R7.83	R6.89	R6.17
Kansas	NA	8.04	9.09	13.75	R13.21	NA	R10.24	R9.37
Kentucky	9.24	7.37	8.71	12.18	R12.73	R11.45	R10.45	R8.74
Louisiana	NA	7.62	8.12	8.82	R8.86	R8.84	R8.70	NA
Maine	11.28	10.66	15.46	13.05	11.41	10.93	R11.22	10.82
Maryland	NA	8.47	9.70	NA	R12.60	NA	NA	9.29
Massachusetts	NA	9.30	11.32	10.10	R9.11	NA	NA	R9.77
Michigan	7.03	6.79	7.62	9.12	R8.94	R7.87	R7.26	R6.76
Minnesota	6.96	6.36	7.74	7.75	R8.14	R7.07	R6.82	R6.39
Mississippi	9.09	7.69	7.89	8.91	R8.67	R9.06	R9.15	R8.89
Missouri	8.09	7.53	9.01	11.07	R9.84	R9.04	R8.40	R8.16
Montana	7.29	6.99	8.34	9.65	R8.85	R7.82	7.26	R7.21
Nebraska	6.47	5.28	6.71	7.17	R6.63	R6.68	R6.02	R6.38
Nevada	5.36	7.33	9.04	6.40	5.90	5.85	5.38	5.14
New Hampshire	11.22	10.80	13.92	15.28	12.45	11.49	10.15	10.63
New Jersey	NA	7.54	8.54	NA	NA	8.84	7.83	8.95
New Mexico	6.35	5.29	6.33	7.46	R6.98	R6.47	R6.09	R5.98
New York	6.95	6.34	7.09	6.56	R6.80	R6.82	6.85	R7.06
North Carolina	NA	7.41	7.97	NA	NA	R10.59	R10.08	NA
North Dakota	6.02	5.25	7.03	7.63	R7.55	6.51	5.66	5.66
Ohio	6.34	5.48	6.56	7.84	R7.84	R6.86	6.26	5.94
Oklahoma	7.97	6.83	7.69	15.05	R13.48	11.55	R9.69	8.01
Oregon	8.87	9.66	10.56	10.20	10.35	9.51	9.18	9.03
Pennsylvania	NA	7.92	9.50	11.99	R11.65	R10.10	NA	R8.93
Rhode Island	10.79	10.81	11.67	15.38	13.10	12.02	10.63	10.42
South Carolina	9.48	8.05	8.39	9.09	R8.99	R8.69	R9.71	R8.63
South Dakota	6.15	5.34	6.49	7.69	7.47	6.31	R5.88	R5.82
Tennessee	8.77	7.29	8.32	9.64	R9.50	R9.22	R8.85	R8.59
Texas	NA	6.29	6.79	8.27	R7.78	NA	R7.70	R7.27
Utah	7.34	7.45	8.22	7.28	6.83	6.51	7.47	7.71
Vermont	NA	6.58	8.46	6.29	NA	6.94	7.57	7.35
Virginia	NA	6.95	8.15	9.07	R9.51	NA	R9.60	NA
Washington	NA	8.38	10.34	9.40	NA	NA	8.20	R8.15
West Virginia	7.35	7.69	9.04	9.48	R9.42	R8.22	R7.66	R7.04
Wisconsin	6.68	6.22	7.03	7.02	R6.68	6.06	R6.92	6.37
Wyoming	6.95	6.46	7.77	7.65	7.41	R7.12	R7.09	6.96
Total	7.95	7.06	8.03	8.90	R8.76	8.32	R8.09	7.68

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2017							2016
	February	January	Total	December	November	October	September	August
Alabama	\$11.52	\$11.31	10.65	\$11.12	12.08	\$11.82	\$11.69	\$11.75
Alaska	\$8.61	\$8.70	8.34	8.75	8.68	8.85	\$8.71	8.78
Arizona	\$8.26	\$8.22	\$8.83	\$8.03	\$8.22	\$8.52	\$8.64	\$8.65
Arkansas	\$8.16	\$7.63	7.14	7.59	8.63	\$7.01	\$6.89	\$7.16
California	\$9.35	\$9.62	\$8.42	\$9.96	\$9.28	\$9.08	\$9.16	\$8.74
Colorado	6.91	6.56	\$6.42	\$6.17	\$6.61	\$8.00	\$8.42	\$9.26
Connecticut	\$9.52	8.62	8.79	\$7.92	\$8.60	\$9.99	\$10.64	\$11.73
Delaware	\$9.82	\$9.64	9.58	9.88	\$10.36	11.42	11.86	12.11
District of Columbia	11.16	9.92	\$9.88	\$9.85	\$11.59	\$9.37	\$11.21	\$11.82
Florida	\$11.13	\$10.67	\$10.42	\$10.88	\$10.61	\$10.64	\$10.56	\$10.33
Georgia	\$8.79	\$8.19	\$7.92	\$7.57	\$8.78	\$9.29	\$9.54	\$9.58
Hawaii	29.34	28.33	27.02	27.61	25.04	27.71	27.32	25.57
Idaho	6.60	\$6.33	\$7.12	\$6.50	\$6.49	\$6.99	\$7.69	\$7.64
Illinois	\$7.61	\$6.92	7.14	\$6.45	8.08	\$9.04	\$12.31	12.77
Indiana	\$7.76	\$7.10	\$6.55	\$5.75	\$7.39	\$7.35	\$9.62	\$10.08
Iowa	\$6.45	\$6.46	5.99	\$5.96	\$6.48	\$6.86	7.53	\$8.14
Kansas	\$9.22	\$8.42	\$8.41	\$7.64	\$8.53	\$11.32	\$13.59	\$13.79
Kentucky	\$8.94	\$7.83	\$7.89	\$7.49	\$8.94	\$10.81	\$11.32	\$12.03
Louisiana	NA	NA	7.92	\$8.81	\$8.21	\$8.47	\$8.28	\$8.27
Maine	11.34	11.54	\$10.63	\$10.63	\$10.23	\$10.47	\$11.16	\$10.72
Maryland	\$10.06	9.62	\$8.94	\$8.83	\$10.06	\$10.89	\$11.78	\$11.49
Massachusetts	\$9.93	\$9.79	\$9.48	\$10.07	\$9.98	\$9.54	\$9.73	\$9.80
Michigan	\$6.82	\$6.61	\$6.90	\$6.56	\$6.94	\$7.58	\$9.02	\$9.32
Minnesota	\$6.97	\$7.11	\$6.44	\$6.31	\$6.28	\$6.74	\$7.89	\$7.80
Mississippi	\$9.32	\$9.25	\$7.80	\$8.10	\$8.56	\$8.10	\$7.55	\$7.49
Missouri	\$7.64	\$7.28	\$7.89	\$7.70	\$9.20	\$9.59	\$9.87	\$10.46
Montana	\$7.24	6.70	\$7.13	\$6.73	\$7.29	\$7.66	\$9.00	\$9.13
Nebraska	\$6.69	\$6.37	\$5.45	\$5.79	\$5.87	\$5.77	\$5.93	\$6.00
Nevada	5.02	5.09	6.84	5.37	5.78	6.24	6.87	6.89
New Hampshire	11.68	11.26	11.36	11.91	11.98	13.58	16.21	16.40
New Jersey	8.97	9.58	\$7.93	\$8.60	9.24	\$8.78	8.74	\$8.71
New Mexico	\$6.42	\$6.19	\$5.68	\$6.05	\$6.59	\$6.85	\$7.35	\$7.15
New York	7.43	\$6.74	\$6.18	\$6.49	\$5.96	\$5.58	\$5.32	\$5.29
North Carolina	\$9.94	\$8.77	7.71	\$8.36	\$8.05	\$7.95	\$8.19	8.30
North Dakota	6.30	5.73	5.45	5.43	5.60	5.82	6.74	\$7.29
Ohio	\$6.17	\$6.10	\$5.74	\$5.68	\$6.02	\$7.16	\$7.24	\$8.06
Oklahoma	\$6.97	6.01	7.72	\$6.86	12.31	\$14.46	\$14.76	\$15.04
Oregon	8.57	8.22	9.30	\$7.88	\$9.24	\$9.24	\$9.93	\$10.74
Pennsylvania	8.62	\$8.36	\$8.15	\$7.94	\$8.31	\$9.16	\$11.02	\$10.84
Rhode Island	10.45	10.02	11.16	10.27	11.48	14.53	16.35	15.78
South Carolina	\$10.20	\$10.36	\$8.42	\$9.48	\$9.01	\$9.02	\$8.56	\$8.48
South Dakota	6.48	5.82	\$5.64	\$5.72	\$5.97	\$6.30	\$7.16	\$7.90
Tennessee	\$8.64	\$8.42	7.80	\$8.23	\$9.06	9.78	\$9.10	9.49
Texas	\$7.59	\$7.48	\$6.89	\$7.60	\$8.25	\$8.52	\$8.15	\$8.26
Utah	7.48	7.29	7.43	7.65	7.50	6.71	6.84	7.10
Vermont	7.61	8.07	6.63	7.48	7.07	6.19	6.33	5.59
Virginia	\$8.75	\$7.72	\$7.23	\$7.55	\$7.54	\$7.68	\$8.67	\$8.40
Washington	\$8.16	7.96	8.49	\$8.14	\$8.60	\$8.78	\$9.45	\$9.87
West Virginia	\$6.97	\$6.92	\$7.75	\$7.10	\$7.50	\$8.72	\$9.99	\$10.27
Wisconsin	6.47	7.05	6.29	6.50	\$6.47	\$5.86	\$6.55	6.55
Wyoming	6.97	6.56	\$6.54	\$6.52	\$6.76	\$6.85	\$7.13	\$6.82
Total	\$7.90	\$7.59	\$7.28	\$7.27	\$7.67	\$7.96	\$8.27	\$8.30

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2016							2015
	July	June	May	April	March	February	January	Total
Alabama	\$11.61	\$11.19	\$10.50	\$10.51	\$10.09	\$9.75	\$9.86	\$11.18
Alaska	9.07	8.41	8.00	7.90	7.87	7.87	7.88	8.01
Arizona	\$8.74	\$8.73	\$8.81	\$9.10	\$9.77	\$9.36	\$8.97	10.53
Arkansas	\$6.90	\$7.22	\$7.11	\$6.85	\$7.11	\$6.74	\$7.16	8.43
California	\$8.07	\$7.43	\$7.33	\$7.18	\$8.16	\$8.48	\$8.03	8.04
Colorado	\$8.36	\$7.63	\$6.14	\$5.96	\$5.92	\$5.95	\$5.79	7.47
Connecticut	\$11.14	\$11.81	\$9.86	\$9.36	\$7.92	7.29	7.31	8.60
Delaware	\$11.50	\$10.86	10.03	9.33	8.79	8.58	8.75	10.70
District of Columbia	\$11.64	\$10.85	\$9.83	\$9.83	\$9.81	\$8.92	\$9.12	11.07
Florida	\$10.31	\$10.25	\$10.04	\$10.12	\$10.33	\$10.46	\$10.54	\$10.88
Georgia	\$9.35	\$8.72	\$8.38	\$8.15	\$7.58	\$7.22	\$6.80	8.58
Hawaii	25.24	32.82	30.04	28.09	27.26	23.66	24.18	31.17
Idaho	\$7.72	\$7.81	\$7.71	\$7.82	\$7.61	\$7.22	\$7.10	7.59
Illinois	\$12.26	\$10.93	\$9.48	6.99	\$6.51	\$5.89	5.54	7.29
Indiana	\$11.13	\$9.56	\$7.21	\$6.42	\$7.04	\$5.67	\$5.34	7.61
Iowa	\$7.82	\$7.12	5.81	\$5.55	5.80	5.40	\$5.36	\$6.51
Kansas	\$12.93	\$12.48	\$10.16	\$8.38	\$8.96	\$7.26	\$6.75	8.87
Kentucky	\$11.05	\$10.77	\$9.19	\$8.00	\$7.11	\$6.39	\$6.73	8.75
Louisiana	8.22	\$7.19	\$7.26	\$7.12	\$7.69	\$7.69	\$8.02	\$8.01
Maine	\$10.37	\$9.95	\$9.45	\$10.15	\$10.69	\$11.08	\$11.27	14.16
Maryland	\$11.34	\$9.65	\$8.11	\$8.20	\$8.70	\$8.02	\$8.25	9.80
Massachusetts	\$9.35	\$8.49	\$9.22	\$9.45	\$9.14	\$9.50	\$9.34	10.81
Michigan	\$8.66	\$8.51	\$7.29	\$6.63	\$6.64	\$6.64	\$6.53	7.51
Minnesota	\$7.91	\$7.09	\$6.41	\$6.17	\$6.44	\$6.25	\$6.15	7.31
Mississippi	\$7.61	\$7.03	\$7.51	\$8.04	\$7.82	\$7.55	\$7.93	\$7.87
Missouri	\$10.38	\$9.39	\$8.55	\$7.92	\$7.22	\$6.94	\$7.08	9.14
Montana	\$8.64	\$7.79	\$6.97	\$6.68	\$6.96	\$6.91	\$6.80	\$8.08
Nebraska	\$5.31	\$5.06	\$4.71	\$4.98	\$5.38	\$5.46	\$5.40	6.40
Nevada	7.22	7.08	7.04	7.25	7.59	7.48	7.34	8.66
New Hampshire	16.48	13.28	11.22	9.96	9.55	10.47	11.46	13.63
New Jersey	8.68	7.72	\$7.14	\$6.79	\$7.49	\$7.65	\$7.75	8.50
New Mexico	\$6.84	\$6.05	\$5.47	\$5.25	\$5.20	\$5.02	\$5.07	6.32
New York	\$5.57	\$5.76	\$6.02	\$6.20	\$6.47	\$6.69	\$6.69	6.86
North Carolina	\$8.77	\$8.52	\$8.02	\$7.78	\$8.27	\$6.97	\$6.64	8.27
North Dakota	7.01	\$6.68	\$5.36	4.62	\$5.20	5.16	5.20	6.62
Ohio	\$7.50	\$6.90	\$6.05	\$5.26	\$5.22	\$5.21	\$5.22	\$6.48
Oklahoma	\$13.81	\$12.31	\$10.89	\$8.09	\$6.78	\$5.42	\$5.39	8.12
Oregon	11.13	\$11.30	\$10.79	\$10.02	\$9.51	\$9.38	\$8.74	\$10.16
Pennsylvania	\$11.07	\$10.64	\$8.92	\$8.12	\$8.22	\$7.37	\$7.19	9.32
Rhode Island	15.43	13.58	11.51	10.79	10.32	10.10	10.37	11.99
South Carolina	\$8.71	\$7.79	\$7.43	\$8.36	\$8.36	\$8.12	\$7.80	\$8.52
South Dakota	\$6.98	\$6.46	\$5.07	\$4.94	5.60	5.36	\$5.04	6.22
Tennessee	\$8.70	\$8.30	\$7.63	\$7.61	\$7.03	\$7.02	\$6.95	8.46
Texas	\$7.52	\$6.73	\$6.84	\$6.14	\$6.17	\$5.85	\$5.98	\$6.92
Utah	\$7.02	6.84	6.77	7.37	7.91	7.55	7.46	7.97
Vermont	5.87	5.51	6.71	6.60	6.22	7.00	7.14	7.89
Virginia	\$8.20	\$7.66	\$7.17	\$6.59	\$7.12	\$6.62	\$6.82	8.13
Washington	\$9.37	9.64	\$8.09	\$7.99	\$8.03	\$8.63	\$8.08	\$9.78
West Virginia	\$10.14	\$9.78	\$9.00	\$7.89	\$7.56	\$7.30	\$7.24	\$8.95
Wisconsin	6.98	\$5.25	\$5.29	\$5.97	\$6.06	\$6.35	\$6.58	6.78
Wyoming	\$6.91	\$7.02	\$6.47	\$6.47	\$6.48	\$6.37	\$6.28	7.43
Total	\$8.14	\$7.72	\$7.32	\$6.98	\$7.08	\$6.86	\$6.75	7.91

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2015							
	December	November	October	September	August	July	June	May
Alabama	10.87	11.62	11.55	11.91	12.09	12.04	11.99	11.68
Alaska	7.54	7.59	7.86	7.21	8.23	8.14	8.62	7.85
Arizona	9.17	9.36	10.15	10.40	10.53	10.68	10.84	10.76
Arkansas	7.43	8.01	7.86	8.44	8.64	8.25	8.36	8.30
California	8.29	7.25	7.75	7.90	7.93	7.74	7.72	7.03
Colorado	6.10	6.40	7.73	9.17	9.33	9.41	8.39	7.63
Connecticut	8.22	8.51	9.57	10.58	9.56	9.33	10.13	9.47
Delaware	9.15	10.82	12.54	13.93	13.86	13.35	12.71	11.90
District of Columbia	9.59	10.81	11.19	11.02	10.71	10.68	11.24	11.80
Florida	11.01	10.79	10.70	11.23	10.98	10.82	11.00	10.53
Georgia	7.88	9.81	8.74	9.47	9.16	9.19	9.10	8.69
Hawaii	28.72	28.13	27.06	28.60	30.45	36.02	38.76	36.86
Idaho	7.10	6.91	7.63	7.98	8.10	8.39	7.97	7.91
Illinois	6.03	6.66	8.26	12.57	12.77	11.61	11.56	10.12
Indiana	6.18	6.07	6.20	8.05	10.79	10.93	11.19	10.31
Iowa	5.70	6.44	6.51	8.11	8.92	8.43	7.31	6.48
Kansas	7.11	7.28	9.43	12.52	12.02	12.47	12.48	10.84
Kentucky	7.69	8.58	9.37	10.49	11.27	11.91	11.47	10.90
Louisiana	7.94	7.74	7.71	7.68	7.79	7.81	7.76	7.59
Maine	11.11	10.30	8.48	11.27	12.08	11.96	11.22	13.00
Maryland	10.23	9.37	9.78	10.88	11.37	10.76	11.50	11.27
Massachusetts	9.99	8.56	7.35	8.52	8.99	8.93	8.34	10.24
Michigan	6.61	6.85	7.48	9.06	9.19	9.33	8.92	7.92
Minnesota	6.12	6.21	6.44	7.74	8.05	8.19	8.88	7.35
Mississippi	7.77	8.03	7.86	7.89	7.72	7.84	7.87	7.87
Missouri	7.87	9.85	11.05	10.74	11.89	11.91	11.17	10.38
Montana	6.81	7.28	8.49	9.68	9.75	9.74	9.11	8.23
Nebraska	5.23	5.55	5.78	6.29	6.11	5.90	5.39	5.42
Nevada	7.37	7.82	8.58	9.10	9.07	9.45	9.64	9.64
New Hampshire	12.39	11.15	12.30	14.76	14.78	13.74	12.55	12.26
New Jersey	8.22	8.64	8.08	8.21	8.76	8.64	8.33	7.84
New Mexico	5.28	6.09	7.67	7.65	7.65	7.52	6.77	6.89
New York	6.78	6.32	6.24	5.96	5.72	6.05	6.80	6.65
North Carolina	9.83	8.40	7.96	9.38	9.04	9.26	9.08	8.85
North Dakota	5.17	5.61	6.11	7.82	8.76	8.63	8.26	6.58
Ohio	5.41	5.90	6.64	7.82	7.84	7.97	7.64	7.14
Oklahoma	6.07	10.65	14.04	14.68	15.01	13.46	12.61	11.23
Oregon	9.43	8.70	10.56	10.50	11.53	11.15	11.35	11.17
Pennsylvania	8.07	8.21	8.80	11.01	11.14	12.00	11.18	10.65
Rhode Island	10.97	12.89	15.76	17.13	17.02	16.64	15.41	13.02
South Carolina	10.24	8.50	8.11	8.43	8.18	8.48	8.53	8.08
South Dakota	5.38	5.37	5.78	7.20	7.28	7.36	6.91	6.46
Tennessee	8.32	8.71	8.92	9.36	9.85	9.34	9.02	9.04
Texas	6.54	7.26	7.68	7.72	7.65	7.52	6.55	6.86
Utah	7.53	7.33	7.33	7.29	7.30	7.26	7.38	7.48
Vermont	7.37	6.65	6.20	6.97	6.91	6.10	6.78	8.53
Virginia	7.94	7.59	8.04	8.93	8.60	8.57	9.14	9.08
Washington	8.09	8.34	10.29	10.55	11.44	11.40	11.06	10.65
West Virginia	7.48	7.77	9.74	11.24	11.64	11.24	12.18	10.48
Wisconsin	6.25	6.47	5.49	6.32	6.58	6.56	6.88	5.65
Wyoming	6.22	6.67	7.18	7.84	7.58	7.77	7.92	7.69
Total	7.23	7.39	7.79	8.43	8.46	8.49	8.52	8.13

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2015			
	April	March	February	January
Alabama	¢11.70	¢10.61	¢10.73	¢10.88
Alaska	8.03	8.14	8.43	8.70
Arizona	10.85	11.41	¢11.75	10.73
Arkansas	8.13	8.40	8.93	8.87
California	7.89	8.70	8.58	8.96
Colorado	8.18	7.87	7.45	7.68
Connecticut	8.57	7.61	7.86	8.60
Delaware	10.60	10.26	10.11	10.19
District of Columbia	11.78	11.94	10.36	11.16
Florida	¢10.58	¢10.70	¢11.03	¢11.15
Georgia	8.68	8.02	8.15	8.44
Hawaii	32.56	31.08	30.83	25.72
Idaho	7.92	7.93	7.77	7.71
Illinois	7.69	6.82	6.15	¢6.82
Indiana	8.89	¢8.52	6.87	7.49
Iowa	¢6.24	¢6.45	¢6.23	¢6.56
Kansas	10.24	9.02	8.01	8.72
Kentucky	10.01	7.96	8.18	8.28
Louisiana	¢7.70	¢8.01	¢8.48	¢8.69
Maine	15.39	15.90	16.03	16.45
Maryland	9.33	9.22	9.38	9.83
Massachusetts	11.21	10.58	11.99	12.70
Michigan	7.27	7.35	7.52	7.69
Minnesota	7.55	¢8.34	¢7.16	7.88
Mississippi	¢8.01	¢7.67	¢7.89	¢8.06
Missouri	9.34	8.18	8.70	8.84
Montana	¢8.19	¢8.00	¢8.20	¢8.40
Nebraska	6.24	6.52	6.94	7.65
Nevada	9.24	8.94	8.82	8.60
New Hampshire	12.85	13.46	14.33	15.54
New Jersey	7.31	8.55	8.74	9.05
New Mexico	6.16	5.78	5.92	6.63
New York	7.24	7.11	7.18	7.52
North Carolina	8.27	7.17	7.27	8.28
North Dakota	6.55	6.76	6.78	7.41
Ohio	¢6.50	¢6.31	¢6.30	¢6.55
Oklahoma	9.20	6.60	7.01	6.95
Oregon	¢10.07	¢10.82	¢10.52	¢10.14
Pennsylvania	9.79	9.12	9.27	9.27
Rhode Island	11.73	11.13	11.11	11.23
South Carolina	¢8.41	¢7.88	¢8.18	¢8.99
South Dakota	6.36	6.54	6.32	6.48
Tennessee	8.68	7.33	8.21	8.58
Texas	¢6.63	¢6.39	¢6.52	¢7.23
Utah	8.18	8.51	8.77	8.23
Vermont	9.02	8.88	8.94	8.93
Virginia	8.19	7.64	7.66	8.59
Washington	10.16	¢10.13	¢10.15	¢10.12
West Virginia	¢9.34	¢8.78	¢8.70	¢8.69
Wisconsin	5.21	7.20	7.42	7.53
Wyoming	7.61	7.87	8.06	7.59
Total	¢8.03	¢7.85	7.81	¢8.15

^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: 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, 2015-2017
(dollars per thousand cubic feet)

State	2017	2016	2015	2017				
	7-Month YTD	7-Month YTD	7-Month YTD	July	June	May	April	March
Alabama	4.45	3.44	4.35	4.16	\$4.30	\$4.27	\$4.34	\$4.15
Alaska	6.77	5.28	6.88	4.25	6.72	6.68	6.81	6.96
Arizona	NA	5.81	7.02	NA	\$6.92	\$6.37	\$6.23	\$6.01
Arkansas	6.68	5.56	7.31	6.74	\$6.69	\$6.52	\$6.80	6.63
California	7.43	6.27	6.53	6.54	\$6.96	\$7.00	\$7.14	\$7.65
Colorado	5.57	4.63	6.01	6.35	\$6.08	\$5.66	\$5.19	\$5.61
Connecticut	NA	6.13	6.51	5.94	5.84	6.45	NA	NA
Delaware	NA	8.20	9.96	NA	10.21	9.80	9.06	9.56
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.32	5.80	6.63	6.12	\$6.21	\$6.22	\$6.11	\$6.65
Georgia	4.84	3.81	4.66	4.49	\$4.71	\$4.90	\$4.79	\$4.34
Hawaii	17.29	15.38	19.94	16.82	17.29	17.75	17.06	17.41
Idaho	4.58	5.45	5.91	4.52	4.63	4.48	4.61	4.56
Illinois	6.30	4.68	5.67	7.25	\$6.78	\$6.86	\$6.39	\$5.94
Indiana	6.37	4.75	7.01	7.25	8.09	\$6.44	\$7.17	\$5.80
Iowa	NA	4.58	5.49	5.40	\$5.48	\$5.29	\$5.04	NA
Kansas	4.32	3.62	4.40	3.91	\$4.08	\$4.77	\$4.68	\$4.96
Kentucky	4.63	3.52	4.78	4.31	\$4.52	\$4.42	\$4.47	\$4.39
Louisiana	NA	2.78	3.46	3.71	\$3.84	\$3.41	\$3.23	NA
Maine	8.49	7.65	10.97	6.34	6.51	6.61	9.28	9.27
Maryland	NA	8.43	9.51	NA	NA	NA	NA	\$8.59
Massachusetts	NA	7.33	9.93	7.42	\$7.06	NA	\$8.23	\$8.12
Michigan	6.03	5.75	6.80	6.52	\$6.45	\$6.41	\$6.15	\$5.93
Minnesota	4.59	4.05	5.27	4.13	\$4.43	\$4.22	\$4.38	\$4.41
Mississippi	NA	4.15	5.07	5.11	\$4.92	\$4.99	\$4.69	NA
Missouri	NA	6.13	7.76	6.53	\$6.22	\$6.55	\$6.63	\$7.29
Montana	6.27	5.66	6.87	6.33	\$6.17	\$6.21	\$5.71	\$6.47
Nebraska	NA	3.95	4.69	4.46	\$4.50	\$4.40	\$4.39	NA
Nevada	4.73	6.44	8.48	5.74	\$5.48	\$5.15	\$4.61	\$4.47
New Hampshire	9.17	8.42	11.34	7.81	7.14	7.98	8.88	9.13
New Jersey	NA	6.32	8.21	7.97	\$8.53	\$7.17	\$6.94	NA
New Mexico	4.47	3.74	4.68	4.35	\$4.36	\$4.29	\$4.12	\$4.48
New York	NA	6.01	6.96	NA	NA	\$7.04	\$7.67	\$7.32
North Carolina	6.50	5.38	6.59	6.19	\$6.11	\$6.21	\$6.50	\$6.49
North Dakota	3.06	2.29	3.39	2.85	\$2.95	\$2.82	\$2.89	\$2.67
Ohio	NA	4.48	5.40	6.99	\$7.41	NA	NA	NA
Oklahoma	6.14	7.70	7.38	8.53	\$9.30	\$6.78	\$7.79	\$6.47
Oregon	5.47	5.73	7.31	5.53	5.51	5.40	5.41	5.56
Pennsylvania	NA	7.19	8.61	NA	\$8.94	NA	\$8.64	\$7.98
Rhode Island	8.43	8.66	9.21	8.74	8.43	8.55	8.67	8.39
South Carolina	NA	3.90	4.88	NA	\$4.88	\$4.75	\$4.88	\$4.51
South Dakota	5.24	4.57	5.56	5.76	\$5.33	\$5.27	\$4.64	\$5.07
Tennessee	5.33	4.24	5.37	4.94	\$5.10	\$5.02	\$5.09	\$5.20
Texas	3.38	2.30	3.04	3.39	3.51	3.37	\$3.33	2.81
Utah	5.57	5.68	6.18	5.20	\$5.04	5.14	5.70	5.87
Vermont	5.21	5.12	5.69	4.51	4.68	4.78	5.04	5.34
Virginia	5.16	4.32	5.30	4.99	\$5.46	\$5.09	\$4.92	\$4.72
Washington	7.44	7.55	9.45	7.74	7.39	7.52	7.52	7.36
West Virginia	NA	2.44	3.31	2.26	\$2.22	NA	\$2.26	\$2.46
Wisconsin	5.48	5.01	5.97	4.24	\$4.75	\$4.69	\$5.83	\$5.34
Wyoming	NA	3.74	5.53	4.39	4.24	\$3.97	\$4.25	\$4.38
Total	4.29	3.26	4.20	3.96	\$4.10	\$4.08	\$4.18	\$4.03

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2017						2016	
	February	January	Total	December	November	October	September	August
Alabama	\$4.71	\$5.12	3.79	4.91	\$4.33	4.24	4.11	\$3.82
Alaska	6.99	6.99	5.06	5.21	4.83	4.53	4.45	5.64
Arizona	\$6.10	\$6.24	\$5.79	\$5.94	\$5.82	\$5.61	\$5.56	\$5.98
Arkansas	\$6.69	\$6.72	\$5.78	\$6.59	\$6.30	\$5.80	\$5.76	\$5.81
California	\$7.91	\$8.32	\$6.79	\$8.44	\$7.48	\$7.27	\$7.35	\$6.91
Colorado	\$5.48	\$5.37	4.89	\$4.75	\$5.02	6.08	6.12	\$6.31
Connecticut	\$8.11	\$7.26	\$6.07	\$6.07	\$5.62	\$5.97	\$6.06	\$6.15
Delaware	9.10	8.93	9.02	\$9.05	10.08	10.32	\$11.86	\$10.24
District of Columbia	--	--	--	--	--	--	--	--
Florida	\$6.60	\$6.27	\$5.77	\$5.59	\$5.77	\$6.14	\$5.34	\$5.77
Georgia	\$5.17	\$5.54	\$4.10	\$4.90	\$4.38	\$4.44	\$4.46	\$4.35
Hawaii	17.83	16.90	15.70	16.57	16.80	15.85	15.65	\$16.04
Idaho	4.63	4.56	5.19	4.51	4.61	\$4.63	\$5.41	5.46
Illinois	\$6.23	\$6.20	5.03	\$5.22	\$5.83	\$5.72	6.07	\$7.16
Indiana	\$6.20	\$5.94	\$4.99	\$5.28	\$5.36	\$5.06	\$5.90	\$6.11
Iowa	\$5.12	\$5.20	4.70	\$5.15	\$4.68	\$4.94	\$4.96	\$4.33
Kansas	\$6.60	\$6.41	\$3.69	\$5.27	\$4.54	\$3.63	\$3.69	\$3.55
Kentucky	\$4.95	\$5.20	\$3.77	\$4.49	\$4.29	\$4.17	\$3.99	\$3.67
Louisiana	NA	\$4.64	3.11	3.80	4.12	\$3.54	\$3.37	\$3.18
Maine	9.35	9.33	\$7.68	\$9.37	8.83	5.99	\$6.23	5.99
Maryland	\$9.90	\$9.57	\$8.80	\$8.98	\$9.48	\$10.70	\$9.98	\$12.51
Massachusetts	\$8.39	\$8.18	\$7.40	\$8.41	\$8.15	\$7.11	\$6.06	\$6.33
Michigan	\$6.04	\$5.81	5.75	\$5.63	\$5.55	\$6.11	6.05	\$6.00
Minnesota	\$4.84	\$5.13	\$4.19	\$4.65	\$4.35	\$4.28	\$4.21	\$4.19
Mississippi	NA	\$5.55	\$4.35	\$4.71	\$4.82	\$4.59	\$4.51	\$4.49
Missouri	NA	\$7.77	\$6.29	\$6.97	\$6.70	\$6.04	\$6.12	\$6.36
Montana	\$6.56	\$6.22	\$5.68	\$5.78	\$5.57	\$5.47	\$5.69	\$6.35
Nebraska	\$5.31	\$4.80	\$4.04	\$4.51	\$4.25	\$4.00	\$4.08	\$3.97
Nevada	\$4.38	\$4.36	\$5.90	\$4.60	\$5.07	\$5.21	\$5.88	\$5.80
New Hampshire	10.27	10.13	8.59	10.11	9.06	7.58	8.06	8.21
New Jersey	NA	NA	6.59	\$7.29	\$7.24	\$6.42	\$6.95	7.78
New Mexico	\$5.28	\$4.97	\$4.18	\$4.86	\$4.30	\$4.72	\$4.54	\$4.29
New York	\$7.28	\$6.75	\$5.92	\$6.11	\$5.69	\$5.56	5.30	\$5.70
North Carolina	\$6.81	\$6.82	\$5.43	\$6.12	\$5.46	\$5.26	\$5.26	\$5.20
North Dakota	\$3.46	\$3.96	\$2.62	\$3.45	\$2.86	\$2.91	\$2.87	\$3.76
Ohio	\$5.28	\$5.53	4.81	\$4.95	\$5.45	\$6.07	\$6.43	\$6.47
Oklahoma	\$5.72	\$4.90	8.04	\$6.46	\$10.13	\$8.57	\$13.29	12.53
Oregon	5.52	5.37	5.73	\$5.71	5.82	5.74	5.65	5.72
Pennsylvania	\$7.88	\$7.75	7.40	\$7.75	\$8.36	\$8.46	\$8.65	\$5.79
Rhode Island	\$8.34	8.06	8.70	8.00	8.83	9.01	9.16	9.22
South Carolina	\$5.19	\$5.84	\$4.20	\$5.30	\$4.77	\$4.48	\$4.37	\$4.24
South Dakota	\$5.40	\$5.33	4.78	4.78	4.94	5.09	6.12	6.01
Tennessee	\$5.79	\$5.95	\$4.44	\$5.31	\$4.80	\$4.70	\$4.49	\$4.36
Texas	\$3.43	3.84	2.65	3.35	\$2.93	3.22	\$3.15	\$3.02
Utah	\$5.98	\$6.03	\$5.52	\$5.89	5.17	4.96	4.93	5.00
Vermont	5.67	6.02	5.20	5.68	5.20	5.13	5.14	5.31
Virginia	\$5.67	\$5.43	\$4.42	\$4.79	\$4.46	\$4.41	\$4.46	\$4.55
Washington	7.59	\$7.20	\$7.47	\$7.38	\$7.24	\$7.20	\$7.33	\$7.77
West Virginia	\$2.69	\$2.43	2.43	\$2.52	\$2.40	\$2.52	\$2.33	\$2.26
Wisconsin	\$5.55	\$6.33	\$5.05	\$5.65	\$5.35	\$4.64	\$4.61	\$4.29
Wyoming	\$4.53	NA	3.96	4.58	4.64	4.27	3.93	\$3.94
Total	4.62	\$4.91	\$3.52	\$4.32	\$3.87	\$3.88	\$3.74	\$3.59

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2016							2015
	July	June	May	April	March	February	January	Total
Alabama	3.98	3.34	2.97	3.22	3.21	3.66	3.65	4.09
Alaska	5.17	4.58	3.69	6.36	6.75	6.74	4.88	6.86
Arizona	5.81	4.97	5.64	5.70	5.91	6.22	6.51	6.78
Arkansas	5.33	5.21	5.27	5.31	5.83	5.67	5.94	6.91
California	6.30	5.79	5.84	5.70	6.67	6.90	6.56	6.41
Colorado	6.17	5.46	4.25	4.36	4.95	4.50	4.21	5.74
Connecticut	6.17	6.03	6.56	6.82	5.82	5.69	6.08	6.35
Delaware	8.94	8.72	8.57	7.81	8.24	7.93	8.09	10.11
District of Columbia	--	--	--	--	--	--	--	--
Florida	5.45	5.30	5.20	5.72	6.28	6.11	6.36	6.43
Georgia	4.24	3.62	3.58	3.53	3.54	4.04	4.11	4.42
Hawaii	16.51	16.92	15.05	14.45	13.73	14.45	16.17	19.03
Idaho	5.43	5.46	5.44	5.51	5.46	5.46	5.41	5.72
Illinois	6.99	5.49	4.45	4.94	4.74	4.54	4.29	5.47
Indiana	5.89	5.13	4.22	4.52	4.81	4.98	4.47	6.36
Iowa	4.66	4.44	4.07	4.44	4.86	4.36	5.01	5.30
Kansas	3.48	3.31	3.39	3.44	4.29	6.25	6.75	4.24
Kentucky	4.01	2.99	3.36	2.95	3.47	3.80	3.96	4.37
Louisiana	3.41	2.50	2.58	2.51	2.41	2.95	3.09	3.33
Maine	5.58	5.54	5.78	8.46	8.50	8.51	8.45	8.95
Maryland	13.82	9.81	7.36	7.57	8.55	8.46	8.31	9.70
Massachusetts	6.30	6.13	7.25	7.49	7.43	7.78	7.64	9.22
Michigan	6.38	5.98	5.75	5.54	5.57	5.89	5.73	6.60
Minnesota	4.41	3.70	3.60	3.50	3.89	4.35	4.40	4.87
Mississippi	3.87	3.85	3.72	4.00	4.28	4.52	4.59	4.72
Missouri	7.00	6.03	5.53	6.02	6.10	6.28	6.06	7.58
Montana	4.86	6.21	4.85	5.43	5.54	6.30	5.90	6.50
Nebraska	3.67	3.35	3.27	3.77	4.32	4.32	4.41	4.56
Nevada	6.52	6.11	6.00	6.22	6.75	6.66	6.50	8.07
New Hampshire	8.24	7.14	7.48	7.90	7.97	8.96	9.60	10.33
New Jersey	7.74	6.53	5.61	5.14	6.90	6.25	6.44	8.09
New Mexico	3.93	3.50	3.39	3.46	3.76	4.06	4.25	4.62
New York	5.56	5.55	5.72	5.88	6.20	6.24	6.23	6.62
North Carolina	5.15	5.09	5.11	5.33	5.70	5.61	5.34	6.34
North Dakota	3.03	2.13	1.95	2.13	2.14	2.89	2.48	3.13
Ohio	6.76	5.58	5.33	4.25	4.10	4.17	4.36	5.35
Oklahoma	10.45	11.08	9.67	8.54	5.94	5.73	10.52	7.51
Oregon	5.58	5.76	5.72	5.79	5.84	5.78	5.61	7.10
Pennsylvania	9.17	8.04	8.25	6.75	7.24	6.84	7.09	8.59
Rhode Island	8.91	8.76	8.91	8.77	8.40	8.44	8.61	9.26
South Carolina	4.46	3.58	3.56	3.22	3.58	4.21	4.83	4.64
South Dakota	5.20	4.78	4.33	4.10	4.50	4.51	4.83	5.34
Tennessee	4.42	3.68	3.80	3.83	4.28	4.77	4.69	5.06
Texas	2.98	2.16	2.14	2.08	1.88	2.39	2.45	2.89
Utah	5.02	5.10	5.14	5.68	5.97	6.44	6.08	5.93
Vermont	5.61	4.97	5.13	4.93	4.96	5.17	5.14	5.50
Virginia	4.16	4.31	4.08	3.78	4.39	4.48	4.79	5.02
Washington	7.76	8.16	7.33	7.38	7.47	7.72	7.38	8.94
West Virginia	2.30	2.40	2.28	2.17	2.59	2.69	2.47	3.12
Wisconsin	4.65	3.45	3.98	5.06	4.95	5.46	5.76	5.65
Wyoming	3.60	3.66	3.71	3.65	3.68	3.82	3.95	5.07
Total	3.58	2.89	2.90	3.01	3.05	3.64	3.62	3.93

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2015							
	December	November	October	September	August	July	June	May
Alabama	\$3.62	\$3.46	\$3.62	\$3.83	\$4.06	\$3.97	\$4.09	\$3.70
Alaska	6.84	6.77	6.85	6.83	6.82	6.78	6.84	6.86
Arizona	6.39	6.30	6.32	6.58	6.55	6.76	6.86	6.54
Arkansas	5.64	5.99	6.43	6.44	6.59	6.61	6.09	6.41
California	6.99	5.83	5.94	6.15	6.12	6.08	6.29	5.51
Colorado	4.52	5.20	6.03	6.22	6.65	7.39	6.58	5.32
Connecticut	6.58	5.85	5.75	6.58	5.64	5.86	6.01	6.18
Delaware	8.32	9.62	11.15	11.40	11.38	10.89	9.09	9.78
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.10	6.22	6.30	6.09	6.04	6.70	5.78	5.88
Georgia	3.86	3.76	4.14	4.28	4.38	4.34	4.41	4.14
Hawaii	15.06	17.68	17.99	19.09	19.29	21.57	20.94	19.68
Idaho	\$5.29	\$4.83	\$5.66	\$5.82	\$5.98	\$5.99	\$5.74	\$5.75
Illinois	4.65	4.59	5.39	6.19	5.96	6.06	5.94	5.66
Indiana	4.79	4.42	4.27	5.21	5.85	6.29	5.70	6.14
Iowa	\$4.62	\$5.28	\$4.57	\$6.19	\$5.13	\$5.46	\$4.78	\$4.77
Kansas	5.61	\$4.61	\$4.17	3.90	\$3.94	\$3.99	4.08	\$4.16
Kentucky	\$3.59	\$3.45	\$3.79	\$3.88	\$4.06	\$4.35	\$4.52	\$4.20
Louisiana	\$3.00	\$2.76	\$3.16	\$3.31	\$3.49	\$3.46	\$3.41	\$2.95
Maine	8.50	8.20	4.56	4.72	4.81	4.68	4.61	5.50
Maryland	10.84	10.90	9.52	8.76	9.99	11.89	12.71	10.17
Massachusetts	8.90	7.31	5.51	6.26	6.91	6.66	6.90	8.73
Michigan	5.78	5.76	6.33	6.75	7.02	6.44	6.78	6.59
Minnesota	4.24	4.13	4.24	4.17	4.68	4.53	4.62	4.19
Mississippi	\$4.15	\$4.28	\$4.24	\$4.49	\$3.97	\$4.52	\$4.33	\$4.43
Missouri	6.91	6.97	7.17	7.96	7.29	7.88	7.52	7.33
Montana	\$5.52	\$6.14	\$5.84	\$6.97	\$5.90	\$6.38	\$4.87	\$6.46
Nebraska	4.79	4.08	4.12	4.27	4.33	4.27	3.83	4.13
Nevada	6.61	7.12	7.72	8.58	8.16	8.71	9.18	9.06
New Hampshire	9.87	7.53	5.48	5.10	6.05	6.14	7.16	8.31
New Jersey	7.52	7.09	7.34	8.31	8.75	8.19	8.13	7.82
New Mexico	4.26	4.60	4.69	4.70	4.60	4.53	4.44	4.11
New York	\$6.26	6.01	5.57	5.83	5.33	5.86	6.00	6.54
North Carolina	5.87	5.73	6.04	6.14	5.87	5.95	5.83	5.67
North Dakota	2.88	2.58	2.76	2.81	2.95	3.11	2.90	2.81
Ohio	4.65	4.74	5.61	6.64	6.09	5.40	7.24	5.71
Oklahoma	6.18	7.90	9.90	12.85	8.77	8.63	8.96	6.31
Oregon	\$6.22	\$6.31	\$7.25	\$7.21	\$7.23	\$7.12	\$7.06	\$7.11
Pennsylvania	7.62	8.47	8.93	10.37	10.35	10.06	10.21	9.59
Rhode Island	8.22	9.48	9.92	9.79	10.09	9.61	9.38	9.75
South Carolina	4.25	4.09	\$4.27	\$4.38	4.59	4.47	\$4.57	\$4.20
South Dakota	4.56	4.56	5.13	6.04	5.73	5.71	5.14	5.50
Tennessee	4.58	4.47	4.45	4.63	\$4.80	4.80	4.87	\$4.84
Texas	2.38	\$2.29	\$2.78	2.95	3.13	\$3.08	3.04	2.82
Utah	6.01	5.35	5.24	5.30	5.32	5.20	5.72	5.94
Vermont	5.81	5.42	5.58	4.65	4.53	5.90	5.17	5.23
Virginia	4.48	3.95	4.69	4.86	4.56	4.81	5.08	5.33
Washington	\$7.32	\$7.92	\$8.73	\$9.25	\$9.35	\$10.07	\$9.48	\$9.24
West Virginia	\$2.53	\$2.09	\$3.16	\$3.14	\$3.18	\$3.17	\$3.13	\$3.10
Wisconsin	5.43	5.37	4.69	4.56	4.91	4.54	5.07	4.42
Wyoming	4.01	4.63	4.56	4.75	4.75	4.63	5.20	5.02
Total	\$3.48	\$3.28	\$3.54	\$3.65	\$3.79	\$3.74	\$3.76	\$3.58

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2015			
	April	March	February	January
Alabama	\$4.15	\$4.70	\$4.97	\$4.67
Alaska	6.70	6.88	7.08	6.97
Arizona	6.96	7.15	7.51	7.25
Arkansas	6.84	7.70	7.90	7.88
California	6.45	6.89	6.77	\$7.67
Colorado	5.49	6.20	6.15	6.01
Connecticut	6.77	5.81	6.52	7.89
Delaware	9.56	10.20	10.25	9.91
District of Columbia	--	--	--	--
Florida	6.05	6.53	7.12	8.40
Georgia	4.22	5.02	4.98	5.34
Hawaii	19.40	18.66	18.33	20.25
Idaho	\$5.82	\$5.90	\$6.03	\$6.04
Illinois	5.75	5.74	5.13	6.02
Indiana	9.14	7.18	6.69	7.52
Iowa	\$4.48	\$5.69	\$5.65	\$6.42
Kansas	4.43	\$5.74	\$5.81	\$6.97
Kentucky	\$4.43	\$5.13	\$5.12	\$5.28
Louisiana	\$3.24	\$3.51	\$3.69	\$3.90
Maine	14.71	15.12	15.22	15.20
Maryland	8.08	8.81	9.64	10.06
Massachusetts	9.67	9.60	10.86	11.74
Michigan	6.21	6.70	6.98	7.06
Minnesota	\$4.54	5.82	5.83	5.89
Mississippi	\$4.72	\$5.72	\$5.46	\$6.12
Missouri	7.95	7.79	7.65	\$7.91
Montana	\$6.97	\$7.22	\$7.34	\$8.14
Nebraska	5.53	5.39	4.34	4.84
Nevada	8.71	8.32	8.27	7.94
New Hampshire	10.89	12.09	12.47	14.13
New Jersey	7.87	7.96	8.26	8.81
New Mexico	4.52	4.93	5.06	5.84
New York	7.21	7.21	\$7.04	7.43
North Carolina	6.11	6.69	7.52	7.06
North Dakota	3.01	3.77	3.86	3.92
Ohio	5.28	5.22	5.44	5.26
Oklahoma	9.41	6.57	7.40	7.62
Oregon	\$7.06	\$7.52	\$7.60	\$7.56
Pennsylvania	8.25	7.85	8.96	8.74
Rhode Island	9.20	9.00	9.01	9.12
South Carolina	4.36	4.96	5.99	5.77
South Dakota	5.42	5.31	5.52	6.04
Tennessee	4.99	5.69	5.75	6.18
Texas	2.88	\$3.01	\$3.11	\$3.38
Utah	6.50	6.72	6.74	6.65
Vermont	5.29	5.98	6.25	5.70
Virginia	5.15	5.32	5.28	5.76
Washington	\$9.58	\$8.94	\$9.43	\$9.66
West Virginia	\$3.24	\$3.43	\$3.31	\$3.72
Wisconsin	4.46	6.40	6.67	6.78
Wyoming	5.36	5.17	5.40	6.48
Total	\$3.96	\$4.46	\$4.74	\$4.90

^R Revised data.

-- 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: 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, 2015-2017
(dollars per thousand cubic feet)

State	2017	2016	2015	2017				
	7-Month YTD	7-Month YTD	7-Month YTD	July	June	May	April	March
Alabama	W	W	W	W	W	W	W	W
Alaska	8.09	6.58	5.39	8.09	8.09	8.09	8.09	8.09
Arizona	W	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W	W
California	W	W	W	W	W	W	W	W
Colorado	W	W	W	W	W	W	W	W
Connecticut	W	3.82	5.28	W	W	W	W	W
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	W	W	W	W	4.33	W	3.59	4.02
Georgia	W	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--	--
Idaho	--	2.93	3.76	--	--	--	--	--
Illinois	W	W	W	3.23	3.06	W	W	W
Indiana	W	W	W	W	W	W	W	W
Iowa	3.45	2.57	3.61	2.92	2.67	2.84	2.85	4.71
Kansas	3.69	3.25	3.97	3.22	3.43	4.10	3.88	3.52
Kentucky	W	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W	W
Maine	W	W	W	W	W	--	W	W
Maryland	3.88	3.03	W	3.44	3.25	3.37	3.40	4.90
Massachusetts	W	2.81	5.03	2.58	2.65	3.36	3.24	4.37
Michigan	3.32	2.53	W	3.21	3.24	3.44	3.45	3.16
Minnesota	W	W	W	W	3.69	3.60	3.40	3.35
Mississippi	W	W	W	W	W	W	W	W
Missouri	3.11	W	W	3.06	3.22	3.40	3.03	2.59
Montana	2.08	--	W	1.52	2.10	2.49	2.22	2.09
Nebraska	4.11	3.14	3.84	3.48	3.51	4.03	4.37	5.17
Nevada	3.65	2.74	3.47	3.29	3.48	3.49	3.74	3.60
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	3.15	2.18	3.77	2.44	2.42	3.24	3.34	3.45
New Mexico	3.63	2.81	3.41	3.53	3.51	3.69	3.85	3.27
New York	3.71	2.69	4.22	2.75	2.96	3.29	3.39	4.26
North Carolina	W	W	W	W	W	W	W	W
North Dakota	5.24	2.39	9.46	6.14	4.36	4.37	4.42	5.52
Ohio	3.19	2.17	2.61	2.91	3.06	3.22	3.28	2.93
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	2.92	1.92	3.13	2.27	2.39	3.00	3.00	2.86
Rhode Island	W	W	W	W	W	W	W	W
South Carolina	W	W	W	W	W	W	W	W
South Dakota	--	2.35	3.36	--	--	--	--	--
Tennessee	3.10	2.33	2.91	2.93	3.07	2.96	3.04	3.00
Texas	3.19	2.40	3.04	3.11	3.17	3.29	3.22	3.02
Utah	W	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--	--
Virginia	W	W	W	3.09	3.10	3.59	3.67	W
Washington	4.43	W	W	4.03	5.16	3.85	3.67	3.74
West Virginia	W	2.16	W	W	W	W	3.36	W
Wisconsin	W	W	W	W	W	W	W	W
Wyoming	W	10.62	W	W	W	W	W	10.87
Total	3.60	2.76	3.66	3.32	3.41	3.62	3.49	3.52

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2017							2016
	February	January	Total	December	November	October	September	August
Alabama	W	W	W	W	W	W	W	W
Alaska	8.09	8.09	6.65	7.21	6.91	6.86	6.52	6.49
Arizona	W	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W	W
California	W	W	3.22	4.05	3.27	3.43	3.59	3.45
Colorado	W	W	W	W	W	W	W	W
Connecticut	5.84	8.10	3.67	5.49	3.34	2.45	2.92	3.09
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	4.38	4.92	3.86	W	W	W	W	3.95
Georgia	W	W	3.08	W	3.15	3.59	3.59	3.33
Hawaii	--	--	--	--	--	--	--	--
Idaho	--	--	2.92	4.05	4.66	4.78	3.38	2.89
Illinois	W	W	2.88	W	W	3.18	3.29	3.07
Indiana	W	W	W	W	W	W	W	W
Iowa	4.85	5.12	2.81	3.83	3.02	3.00	3.00	2.94
Kansas	4.82	4.92	3.48	5.05	3.28	3.96	3.52	3.53
Kentucky	5.96	W	W	W	W	W	W	W
Louisiana	W	W	2.76	W	W	W	W	W
Maine	W	W	W	W	--	W	W	W
Maryland	4.25	5.50	2.97	4.98	3.67	2.75	2.47	2.97
Massachusetts	W	W	3.22	7.03	4.59	3.36	2.97	3.18
Michigan	3.18	3.63	2.81	3.93	2.77	3.19	3.32	3.12
Minnesota	3.49	4.49	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W	W
Missouri	3.05	3.43	W	W	W	W	W	W
Montana	2.25	2.36	--	--	--	--	--	--
Nebraska	6.48	5.61	3.31	4.75	3.17	3.54	3.70	3.48
Nevada	3.80	4.37	3.02	3.77	3.35	3.46	3.39	3.23
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	3.64	4.06	2.20	4.01	2.45	1.86	1.70	1.92
New Mexico	3.65	4.02	3.07	4.21	3.06	3.30	3.43	3.30
New York	4.54	5.41	2.76	5.47	2.95	1.98	2.18	2.54
North Carolina	W	W	W	W	W	W	W	W
North Dakota	4.80	6.31	2.74	3.58	2.74	3.10	3.07	2.98
Ohio	3.26	3.84	2.36	3.41	2.32	2.30	2.59	2.55
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	3.21	4.12	1.95	3.52	2.10	1.29	1.51	1.68
Rhode Island	W	W	W	W	W	W	W	W
South Carolina	W	W	W	W	W	W	W	W
South Dakota	--	--	2.62	3.92	2.50	3.38	3.39	2.94
Tennessee	3.09	3.82	2.61	3.44	2.84	3.15	2.91	2.69
Texas	3.12	3.47	2.67	3.44	2.71	3.24	3.13	2.94
Utah	W	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--	--
Virginia	W	W	W	W	W	W	W	W
Washington	5.57	4.95	W	W	W	W	W	W
West Virginia	W	W	W	5.87	2.83	1.69	1.97	W
Wisconsin	W	W	W	W	W	W	W	W
Wyoming	W	4.04	8.29	8.65	12.43	4,893.63	10.24	5.57
Total	3.74	4.32	2.99	4.16	3.14	3.24	3.19	3.07

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2016							2015
	July	June	May	April	March	February	January	Total
Alabama	W	W	W	W	W	W	W	W
Alaska	6.81	7.10	6.43	6.47	6.34	6.43	6.47	5.40
Arizona	W	W	W	W	W	W	W	3.43
Arkansas	W	W	W	W	W	W	W	W
California	3.48	2.98	W	2.47	2.59	2.85	3.08	¥3.40
Colorado	W	W	W	W	W	W	W	¥3.79
Connecticut	3.13	2.33	2.39	2.74	4.63	5.63	6.12	4.73
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	3.72	3.43	W	W	W	W	W	4.41
Georgia	3.30	3.03	2.44	2.40	2.23	W	W	3.27
Hawaii	--	--	--	--	--	--	--	--
Idaho	2.83	2.47	2.41	11.72	2.26	2.25	2.67	2.89
Illinois	3.05	W	2.25	2.24	2.31	W	W	W
Indiana	W	W	W	W	W	W	W	W
Iowa	2.83	2.63	2.10	2.61	2.23	2.57	2.96	¥3.25
Kansas	3.26	3.07	3.15	3.16	2.84	4.22	4.26	3.95
Kentucky	W	W	W	W	W	3.35	W	W
Louisiana	3.08	2.63	W	W	W	W	W	W
Maine	W	W	W	W	W	W	W	W
Maryland	2.94	3.01	2.50	2.40	2.69	5.64	3.59	4.06
Massachusetts	2.86	2.34	2.11	2.99	1.99	3.46	4.73	¥4.33
Michigan	3.04	2.75	2.28	2.31	2.14	2.37	2.66	3.21
Minnesota	W	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W	W
Montana	--	--	--	--	--	--	--	W
Nebraska	3.41	3.32	2.77	2.44	2.34	2.81	3.52	3.97
Nevada	3.38	2.57	2.54	2.40	2.30	2.78	2.98	3.34
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	2.09	2.13	1.95	1.76	1.62	2.83	3.02	¥2.98
New Mexico	3.31	2.87	2.47	2.69	2.56	2.57	2.91	3.21
New York	2.75	2.38	2.12	2.36	2.22	3.41	3.76	3.51
North Carolina	W	W	W	W	W	W	W	W
North Dakota	2.88	2.63	2.04	2.09	1.90	2.22	2.45	¥8.39
Ohio	2.80	2.32	2.03	2.01	1.63	2.00	2.20	2.42
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	1.86	1.90	1.65	1.61	1.43	2.33	2.70	2.52
Rhode Island	2.92	W	2.23	W	W	W	W	3.72
South Carolina	W	W	W	W	W	W	W	W
South Dakota	2.87	2.53	2.10	2.07	1.82	2.08	2.57	3.31
Tennessee	2.74	2.37	1.96	1.96	2.05	2.33	2.58	2.74
Texas	2.95	2.62	2.17	2.14	1.91	2.19	2.53	2.88
Utah	W	W	W	W	W	W	2.81	W
Vermont	--	--	--	--	--	--	--	--
Virginia	W	W	W	W	W	W	W	3.55
Washington	W	W	W	W	W	W	W	W
West Virginia	3.21	2.00	2.03	2.12	1.92	2.07	2.22	W
Wisconsin	W	W	W	W	W	W	W	W
Wyoming	--	17.60	12.15	5.88	4.39	7.69	13.31	W
Total	3.07	2.77	2.49	2.52	2.33	2.83	3.17	¥3.38

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2015							
	December	November	October	September	August	July	June	May
Alabama	W	W	W	W	W	W	W	W
Alaska	5.44	5.48	5.45	5.48	5.21	5.19	5.14	4.86
Arizona	W	W	W	W	3.47	3.54	3.47	3.73
Arkansas	W	W	W	W	W	W	W	W
California	¥2.96	¥2.95	¥3.19	3.29	¥3.53	¥3.54	¥3.52	¥3.45
Colorado	W	W	W	W	W	W	W	W
Connecticut	5.06	5.14	3.17	3.08	2.69	2.48	2.19	2.30
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	3.98	3.90	4.31	4.46	4.45	4.43	4.52	W
Georgia	W	W	W	3.31	3.36	3.40	3.38	3.57
Hawaii	--	--	--	--	--	--	--	--
Idaho	2.41	2.72	2.92	3.01	2.92	2.85	2.74	3.08
Illinois	W	W	W	3.12	W	W	3.04	W
Indiana	W	W	W	W	W	W	W	W
Iowa	2.60	¥5.08	2.89	¥2.99	¥3.13	¥3.08	¥3.08	3.18
Kansas	4.66	4.03	4.88	3.68	3.70	3.52	3.68	4.33
Kentucky	3.42	2.50	W	W	W	W	W	W
Louisiana	W	W	W	W	3.20	W	W	W
Maine	4.31	W	W	W	W	W	4.06	3.78
Maryland	3.13	3.11	3.05	3.18	4.07	3.73	3.09	3.25
Massachusetts	2.53	3.62	4.31	4.14	3.08	2.57	3.18	3.16
Michigan	2.17	¥2.57	2.91	3.32	3.40	3.30	3.18	3.25
Minnesota	W	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W	W
Montana	W	W	W	2.23	2.28	W	W	W
Nebraska	3.63	3.37	3.22	3.38	5.08	3.81	3.59	4.01
Nevada	3.00	2.85	3.24	3.30	3.38	3.43	3.43	3.21
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	¥1.69	¥1.81	¥2.02	¥2.10	¥2.23	¥2.09	¥2.37	¥2.35
New Mexico	2.46	2.64	3.11	3.13	3.28	3.86	3.61	3.26
New York	2.96	2.69	2.60	2.51	2.61	2.56	2.71	2.76
North Carolina	W	W	W	W	W	W	W	W
North Dakota	¥7.20	¥11.42	¥8.77	¥8.75	¥6.57	¥11.04	¥8.41	¥10.94
Ohio	1.91	2.09	2.17	¥2.27	2.25	2.30	2.20	2.38
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	1.55	1.59	1.71	2.00	1.80	2.02	1.83	2.01
Rhode Island	W	¥3.29	3.74	2.78	2.42	2.40	1.96	2.15
South Carolina	W	W	W	W	W	W	W	W
South Dakota	2.25	2.92	2.90	3.31	4.23	3.78	3.53	3.06
Tennessee	2.33	2.31	2.47	2.61	2.71	2.74	2.75	2.28
Texas	¥2.22	2.30	2.66	2.88	3.01	3.03	2.98	3.02
Utah	W	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--	--
Virginia	W	W	W	W	W	W	W	2.82
Washington	W	W	W	W	W	W	W	W
West Virginia	1.52	¥1.91	W	W	1.94	2.07	2.48	2.41
Wisconsin	W	W	W	W	W	W	W	W
Wyoming	W	¥3.76	¥4.45	¥3.94	W	W	W	W
Total	¥2.72	2.78	¥3.04	¥3.20	¥3.23	3.23	¥3.25	3.28

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power^a consumers, by state, 2015-2017
(dollars per thousand cubic feet) – continued

State	2015			
	April	March	February	January
Alabama	W	W	W	W
Alaska	5.47	5.41	5.49	5.95
Arizona	W	W	W	W
Arkansas	W	W	W	W
California	W	3.50	3.73	W
Colorado	W	W	W	W
Connecticut	2.99	6.91	12.82	8.77
Delaware	--	--	--	--
District of Columbia	--	--	--	--
Florida	W	W	4.78	W
Georgia	W	W	W	W
Hawaii	--	--	--	--
Idaho	3.05	16.18	--	3.03
Illinois	W	W	4.81	W
Indiana	W	W	W	W
Iowa	2.98	®3.45	®4.71	®5.01
Kansas	4.32	4.06	4.50	5.25
Kentucky	W	W	W	W
Louisiana	W	W	W	W
Maine	3.99	W	17.68	W
Maryland	2.58	W	W	6.65
Massachusetts	3.36	8.64	13.60	®12.66
Michigan	W	3.57	4.11	®3.62
Minnesota	W	W	W	W
Mississippi	W	W	W	W
Missouri	W	W	W	W
Montana	2.31	W	W	W
Nebraska	3.63	4.02	4.90	4.48
Nevada	3.27	3.45	3.54	4.10
New Hampshire	W	W	W	W
New Jersey	®2.48	®3.68	®10.03	®5.86
New Mexico	3.03	3.09	3.11	3.71
New York	2.82	4.48	9.93	6.24
North Carolina	W	W	W	W
North Dakota	®8.00	®9.81	®8.87	®11.41
Ohio	2.23	2.75	3.31	2.92
Oklahoma	W	W	W	W
Oregon	W	W	W	W
Pennsylvania	2.02	3.06	8.29	4.28
Rhode Island	3.41	7.68	W	9.99
South Carolina	W	W	W	W
South Dakota	3.46	2.77	3.05	2.94
Tennessee	2.66	3.35	3.27	3.59
Texas	2.82	3.02	®3.10	®3.28
Utah	W	W	3.37	W
Vermont	--	--	--	--
Virginia	W	W	W	W
Washington	W	W	W	W
West Virginia	W	2.64	W	®2.96
Wisconsin	W	W	W	W
Wyoming	W	W	W	W
Total	®3.24	3.71	®5.02	®4.31

^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.

^b Revised data.

^c Not applicable.

^w Withheld.

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

Sources: 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, 2015-2017

State	2017 7-Month YTD			2016 7-Month YTD			2015 7-Month YTD		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	NA	NA	26.6	100.0	79.1	24.1	100.0	80.4	23.4
Alaska	100.0	98.8	100.0	100.0	98.6	100.0	100.0	97.6	100.0
Arizona	NA	83.0	NA	100.0	84.0	15.5	100.0	84.5	16.1
Arkansas	91.2	NA	1.5	100.0	41.5	1.4	100.0	48.2	1.8
California	NA	54.2	4.1	95.0	52.1	4.0	94.6	50.5	3.9
Colorado	100.0	93.6	7.5	100.0	94.4	8.0	100.0	94.5	7.8
Connecticut	96.2	77.1	NA	96.3	77.3	48.5	96.4	77.4	46.9
Delaware	100.0	40.0	NA	100.0	41.9	0.2	100.0	50.9	0.3
District of Columbia	NA	19.7	0.0	72.8	19.7	--	73.9	22.8	--
Florida	91.2	30.4	3.5	91.9	30.6	3.4	91.9	33.2	3.4
Georgia	100.0	100.0	25.7	100.0	100.0	21.6	100.0	100.0	21.1
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	77.3	2.7	100.0	74.7	2.4	100.0	74.4	2.6
Illinois	85.4	34.5	6.3	86.0	35.3	6.6	85.9	37.7	6.9
Indiana	95.7	65.0	1.7	95.7	66.7	1.9	95.8	68.5	2.2
Iowa	100.0	68.9	NA	100.0	70.7	3.3	100.0	71.5	3.4
Kansas	NA	NA	6.4	100.0	48.7	6.7	98.3	52.1	7.8
Kentucky	96.5	78.0	18.7	96.5	79.3	17.6	96.1	80.8	16.7
Louisiana	100.0	NA	NA	100.0	79.1	3.2	100.0	80.8	3.3
Maine	NA	61.4	9.7	100.0	59.0	8.6	100.0	55.2	4.4
Maryland	NA	NA	NA	73.2	26.5	4.5	72.6	29.3	9.4
Massachusetts	98.4	NA	NA	99.0	49.3	27.3	99.5	48.9	29.7
Michigan	93.2	56.5	NA	92.7	56.2	6.9	92.8	57.8	8.3
Minnesota	100.0	88.7	16.5	100.0	84.6	15.4	100.0	84.7	15.8
Mississippi	88.2	83.7	NA	100.0	85.1	9.5	100.0	87.0	9.5
Missouri	100.0	NA	NA	100.0	74.0	12.4	100.0	73.5	14.1
Montana	99.4	52.3	1.8	99.6	50.1	1.5	99.7	54.3	1.5
Nebraska	87.7	56.4	NA	87.8	60.3	6.9	88.2	57.9	7.7
Nevada	100.0	61.2	14.9	100.0	60.4	13.1	100.0	59.3	12.7
New Hampshire	100.0	55.0	5.7	100.0	54.6	7.1	100.0	60.0	11.8
New Jersey	94.5	NA	NA	94.3	40.3	6.1	93.2	45.6	8.7
New Mexico	100.0	57.6	NA	100.0	58.5	6.9	100.0	59.3	5.9
New York	100.0	100.0	NA	100.0	100.0	6.6	100.0	100.0	6.8
North Carolina	NA	NA	11.1	100.0	84.2	11.0	100.0	85.3	11.2
North Dakota	100.0	93.0	36.9	100.0	93.1	30.8	100.0	93.5	39.5
Ohio	NA	100.0	NA	100.0	100.0	2.3	100.0	100.0	2.4
Oklahoma	100.0	45.8	0.9	100.0	45.3	0.6	100.0	49.0	0.8
Oregon	100.0	94.7	15.3	100.0	94.3	14.4	100.0	95.4	15.0
Pennsylvania	NA	NA	NA	87.3	37.9	1.1	86.1	42.0	1.5
Rhode Island	100.0	52.5	NA	100.0	52.5	3.6	100.0	54.4	6.4
South Carolina	100.0	91.3	NA	100.0	91.9	41.6	100.0	92.5	43.0
South Dakota	100.0	81.8	4.4	100.0	81.1	4.8	100.0	81.7	4.8
Tennessee	100.0	88.1	23.3	100.0	88.6	28.5	100.0	90.4	29.6
Texas	NA	NA	NA	99.8	72.6	40.8	99.8	74.2	39.3
Utah	100.0	74.4	4.5	100.0	77.8	6.1	100.0	77.9	8.2
Vermont	100.0	NA	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	NA	NA	NA	89.6	52.5	9.9	89.6	56.4	11.2
Washington	100.0	NA	6.8	100.0	84.9	6.4	100.0	84.7	6.2
West Virginia	NA	52.4	NA	100.0	53.9	10.4	100.0	58.2	14.8
Wisconsin	100.0	72.6	16.3	100.0	72.4	16.3	100.0	73.7	17.6
Wyoming	71.4	50.1	NA	71.9	50.2	1.9	71.9	51.1	1.9
Total	95.7	66.2	14.6	95.8	66.0	14.8	95.5	67.4	14.9

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2015-2017 – continued

State	2017								
	July			June			May		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	72.5	25.7	NA	NA	R26.3	100.0	NA	R25.6
Alaska	100.0	98.0	100.0	100.0	97.4	100.0	100.0	98.0	100.0
Arizona	100.0	79.9	NA	100.0	R81.4	12.6	100.0	R80.4	14.6
Arkansas	100.0	23.5	1.5	R30.3	R25.2	R1.2	100.0	NA	R1.3
California	95.2	48.6	3.5	94.7	R51.6	3.6	95.2	R55.0	3.7
Colorado	100.0	90.8	5.7	100.0	R90.6	R5.4	100.0	R92.4	6.2
Connecticut	95.2	73.0	50.1	95.4	72.4	R47.7	95.1	72.7	R49.3
Delaware	100.0	26.4	NA	100.0	29.3	0.2	100.0	32.5	0.5
District of Columbia	66.9	20.9	0.0	69.8	16.0	0.0	72.0	17.5	0.0
Florida	92.4	28.9	3.2	R91.9	R30.2	R3.4	R91.1	R29.7	R3.4
Georgia	100.0	100.0	26.5	100.0	100.0	R26.6	100.0	100.0	R24.3
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	54.4	2.6	100.0	R58.8	2.9	100.0	62.2	2.6
Illinois	86.1	23.8	2.4	83.8	R23.0	3.0	R82.3	26.3	3.8
Indiana	95.4	55.1	0.8	95.5	54.6	0.9	R95.4	R58.8	1.2
Iowa	100.0	51.8	2.0	100.0	52.8	R1.7	100.0	R61.0	R1.8
Kansas	100.0	25.5	18.5	100.0	R30.0	R10.9	NA	NA	R2.9
Kentucky	97.5	68.1	18.5	96.9	R67.2	R19.9	R96.6	R70.5	R18.8
Louisiana	100.0	76.3	3.2	100.0	NA	NA	100.0	R78.3	R3.1
Maine	NA	43.1	8.0	100.0	53.2	6.4	100.0	56.2	8.7
Maryland	69.7	NA	NA	NA	R20.0	NA	NA	NA	NA
Massachusetts	98.0	30.8	23.0	98.0	R36.0	R24.2	98.0	NA	NA
Michigan	92.6	36.9	NA	93.4	R38.5	R2.9	92.5	R46.0	R3.8
Minnesota	100.0	76.6	14.9	100.0	R73.8	R11.4	100.0	82.4	R13.9
Mississippi	100.0	80.2	8.3	100.0	78.4	R8.4	100.0	R80.5	8.6
Missouri	100.0	60.6	9.3	100.0	62.5	R9.4	100.0	65.2	R10.0
Montana	99.3	40.0	0.7	99.3	43.6	1.0	99.4	49.3	R1.5
Nebraska	89.2	42.4	5.1	87.8	45.2	R6.9	86.9	49.2	R5.6
Nevada	100.0	49.3	9.9	100.0	52.8	10.2	100.0	52.0	12.5
New Hampshire	100.0	46.6	2.5	100.0	47.7	R3.6	100.0	50.8	R4.1
New Jersey	94.1	NA	NA	94.7	NA	NA	94.7	34.2	R3.2
New Mexico	99.9	48.5	11.9	100.0	52.7	R8.8	100.0	52.8	R6.8
New York	100.0	100.0	NA	100.0	100.0	NA	100.0	100.0	5.5
North Carolina	NA	NA	8.8	100.0	NA	R9.4	100.0	R77.7	R9.2
North Dakota	100.0	84.4	32.0	100.0	86.1	R36.6	100.0	89.5	R42.5
Ohio	100.0	100.0	0.8	100.0	100.0	R0.7	NA	100.0	NA
Oklahoma	100.0	29.6	0.4	100.0	R32.1	R0.3	100.0	R34.9	R0.5
Oregon	100.0	92.8	13.1	100.0	92.5	R13.3	100.0	93.2	R14.0
Pennsylvania	87.6	27.4	NA	87.3	27.8	0.3	87.9	R31.8	NA
Rhode Island	100.0	50.7	3.4	100.0	47.9	4.1	100.0	48.5	4.0
South Carolina	100.0	90.5	NA	100.0	R90.4	R40.7	100.0	R90.1	R41.0
South Dakota	100.0	73.1	2.3	100.0	R71.0	2.3	100.0	R77.8	R2.7
Tennessee	100.0	80.6	21.0	100.0	81.8	R22.7	100.0	82.3	R22.7
Texas	99.8	62.7	39.1	99.8	R65.6	R38.6	99.8	NA	R38.1
Utah	100.0	60.1	4.8	100.0	60.5	5.1	100.0	66.1	4.8
Vermont	100.0	100.0	100.0	100.0	NA	100.0	100.0	100.0	100.0
Virginia	86.4	NA	NA	R86.2	R39.5	R7.3	NA	NA	R9.8
Washington	100.0	79.9	4.3	100.0	NA	4.8	100.0	NA	R5.2
West Virginia	NA	30.5	6.0	100.0	R27.9	R8.3	100.0	R41.3	NA
Wisconsin	100.0	52.9	13.5	100.0	55.7	R10.2	100.0	62.1	R12.7
Wyoming	71.7	51.5	1.5	71.2	R50.0	1.5	R71.6	R48.9	1.7
Total	95.8	56.9	14.5	94.5	58.0	R14.4	95.6	61.1	R13.8

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2015-2017 – continued

State	2017								
	April			March			February		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	NA	R27.0	100.0	R77.9	R27.4	100.0	R82.0	R27.1
Alaska	100.0	R98.9	100.0	100.0	99.1	100.0	100.0	99.1	100.0
Arizona	100.0	R82.0	15.1	100.0	82.9	13.9	NA	R85.8	14.2
Arkansas	100.0	35.8	R1.2	100.0	43.1	R1.9	100.0	R46.8	R1.8
California	R94.8	R53.9	3.8	94.6	R53.9	4.5	95.1	R56.9	5.0
Colorado	100.0	R92.7	R7.6	100.0	R93.8	R7.5	100.0	R94.3	9.0
Connecticut	96.1	76.9	NA	96.3	79.7	NA	96.5	76.8	R51.7
Delaware	100.0	43.7	NA	100.0	40.0	0.6	100.0	44.6	0.6
District of Columbia	74.7	14.7	0.0	75.5	22.2	0.0	NA	23.1	0.0
Florida	R90.5	R30.6	R3.8	R90.3	R31.3	3.4	R90.4	R31.3	4.0
Georgia	100.0	100.0	R25.0	100.0	100.0	R26.2	100.0	100.0	R26.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	74.2	2.4	100.0	77.0	2.5	100.0	82.5	3.2
Illinois	R82.8	R30.1	5.0	86.4	R38.3	R8.5	R85.3	R37.1	R8.3
Indiana	95.2	59.6	1.4	R95.6	R68.4	2.1	95.7	66.8	R2.4
Iowa	100.0	64.9	R2.2	100.0	R71.4	NA	100.0	R73.2	R3.2
Kansas	100.0	R44.2	R3.5	100.0	R48.6	R4.2	100.0	R56.1	R1.5
Kentucky	95.4	R73.5	R18.4	96.8	R79.3	R19.8	96.3	R80.6	R18.3
Louisiana	100.0	R81.4	3.3	100.0	NA	NA	100.0	NA	NA
Maine	100.0	64.6	10.3	100.0	62.8	11.3	100.0	64.6	10.6
Maryland	NA	NA	NA	R75.4	28.0	R7.4	75.2	32.3	R8.0
Massachusetts	98.2	NA	R28.1	98.5	R53.9	R29.4	98.5	R51.6	R27.9
Michigan	R93.3	R58.5	6.8	R93.6	R58.5	8.3	93.0	59.7	9.0
Minnesota	100.0	86.7	R15.9	100.0	R91.8	R17.4	100.0	R92.1	R17.9
Mississippi	R44.1	R81.5	8.1	100.0	85.2	NA	100.0	84.9	NA
Missouri	100.0	R71.0	R13.1	100.0	72.6	R12.6	100.0	NA	NA
Montana	99.4	50.5	2.0	99.4	51.4	R1.7	99.3	55.5	2.7
Nebraska	88.1	56.0	R7.2	87.6	59.5	NA	87.6	59.4	R8.5
Nevada	100.0	56.9	15.7	100.0	62.5	R16.2	100.0	69.3	20.0
New Hampshire	100.0	54.9	R5.9	100.0	56.9	R8.6	100.0	56.3	R6.8
New Jersey	94.6	45.0	NA	94.6	48.4	NA	94.5	49.5	NA
New Mexico	100.0	R53.7	NA	100.0	61.2	NA	100.0	R64.0	R4.3
New York	100.0	100.0	6.4	100.0	100.0	R7.5	100.0	100.0	7.9
North Carolina	100.0	R77.9	R11.6	100.0	NA	R11.8	100.0	84.4	R12.4
North Dakota	100.0	92.5	R41.4	100.0	94.1	R38.9	100.0	94.1	R28.3
Ohio	100.0	100.0	NA	100.0	100.0	NA	100.0	100.0	R3.2
Oklahoma	100.0	R38.7	R0.5	100.0	R45.0	R0.8	100.0	R52.5	R1.5
Oregon	100.0	93.9	R15.1	100.0	94.8	R16.4	100.0	95.1	R16.9
Pennsylvania	87.0	NA	0.9	88.1	R39.6	1.6	87.4	R39.8	R1.7
Rhode Island	100.0	50.5	3.3	100.0	54.1	4.0	100.0	R53.5	NA
South Carolina	100.0	R90.0	R41.6	100.0	91.7	R41.0	100.0	R91.9	R43.1
South Dakota	100.0	R79.4	R4.1	100.0	82.8	R5.2	100.0	83.6	R7.1
Tennessee	100.0	86.6	R23.2	100.0	89.3	R24.4	100.0	91.0	R24.0
Texas	99.8	R66.4	R39.2	R99.7	R72.8	R39.0	99.8	NA	R38.5
Utah	100.0	70.9	4.3	100.0	76.9	4.6	100.0	77.1	4.1
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	R87.5	R46.5	R10.9	NA	NA	R13.5	R89.6	53.4	R9.0
Washington	100.0	86.0	7.0	100.0	R87.6	R7.8	100.0	R87.9	8.5
West Virginia	100.0	R45.8	R9.9	100.0	R60.3	R6.8	100.0	R60.3	R8.0
Wisconsin	100.0	69.9	R14.8	100.0	75.2	R17.7	100.0	76.8	R18.8
Wyoming	72.8	R52.2	R1.7	70.6	R48.8	1.7	71.0	R49.1	2.0
Total	R95.3	R65.1	14.5	95.7	R67.9	R14.9	95.9	R69.1	15.0

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2015-2017 – continued

State	2017						2016		
	January			Total			December		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	80.7	26.9	100.0	77.2	24.6	100.0	76.7	25.9
Alaska	100.0	99.2	100.0	100.0	98.5	100.0	100.0	99.1	100.0
Arizona	100.0	85.2	13.6	100.0	82.8	15.9	100.0	83.6	14.0
Arkansas	100.0	51.9	1.6	100.0	37.7	1.5	100.0	41.2	1.3
California	NA	56.6	4.8	95.1	51.1	3.9	95.5	54.0	4.1
Colorado	100.0	94.7	9.0	100.0	94.3	7.5	100.0	95.7	9.4
Connecticut	96.6	79.8	52.0	96.2	76.3	49.0	96.4	77.6	52.5
Delaware	100.0	44.7	0.6	100.0	37.2	0.3	100.0	36.1	0.5
District of Columbia	71.1	21.9	0.0	73.2	19.5	--	78.5	26.3	--
Florida	92.5	30.7	3.2	91.7	30.1	3.4	90.6	29.5	3.3
Georgia	100.0	100.0	25.1	100.0	100.0	22.0	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	87.0	2.7	100.0	75.0	2.4	100.0	85.4	2.6
Illinois	86.4	39.5	9.8	86.6	34.4	6.1	88.2	40.1	9.7
Indiana	95.9	68.8	2.7	95.7	66.3	1.7	95.9	70.9	2.2
Iowa	100.0	74.7	4.2	100.0	69.5	3.5	100.0	73.8	3.9
Kansas	100.0	60.9	1.4	100.0	46.2	7.7	100.0	57.4	1.7
Kentucky	96.7	83.1	17.8	96.9	78.0	17.4	97.5	82.4	17.9
Louisiana	100.0	NA	NA	100.0	77.9	3.1	100.0	77.2	3.1
Maine	100.0	63.4	10.9	100.0	57.8	8.4	100.0	60.5	11.8
Maryland	73.5	30.4	8.6	74.1	25.7	4.0	77.8	31.1	6.3
Massachusetts	98.5	53.6	30.5	98.9	47.0	25.8	98.7	51.8	26.3
Michigan	93.3	62.8	10.6	92.9	55.0	6.3	93.3	60.9	9.1
Minnesota	100.0	91.1	21.7	100.0	85.1	15.7	100.0	89.7	18.7
Mississippi	100.0	87.7	9.7	100.0	84.2	9.7	100.0	86.6	9.3
Missouri	100.0	79.0	15.4	100.0	72.1	11.8	100.0	75.8	14.2
Montana	99.4	55.9	2.8	99.6	47.6	1.4	99.5	49.3	2.3
Nebraska	87.7	60.4	8.5	87.5	58.5	6.2	86.1	57.1	6.5
Nevada	100.0	69.1	18.7	100.0	58.5	12.7	100.0	65.4	17.6
New Hampshire	100.0	57.0	7.0	100.0	53.7	5.7	100.0	54.5	6.3
New Jersey	94.4	NA	NA	94.3	37.3	5.2	94.4	39.2	8.7
New Mexico	100.0	57.7	5.5	100.0	54.3	9.0	100.0	52.5	10.0
New York	100.0	100.0	7.6	100.0	100.0	5.9	100.0	100.0	5.9
North Carolina	100.0	87.4	13.9	100.0	83.1	10.6	100.0	85.6	12.1
North Dakota	100.0	94.5	36.6	100.0	92.8	31.6	100.0	94.2	28.1
Ohio	100.0	100.0	2.7	100.0	100.0	2.0	100.0	100.0	2.8
Oklahoma	100.0	53.6	1.9	100.0	40.4	0.5	100.0	38.1	0.8
Oregon	100.0	95.7	17.2	100.0	94.4	14.4	100.0	95.6	16.0
Pennsylvania	NA	41.1	1.9	87.6	37.4	1.0	88.0	40.4	1.5
Rhode Island	100.0	54.6	4.0	100.0	52.8	3.3	100.0	54.5	3.6
South Carolina	100.0	93.0	40.6	100.0	91.6	41.3	100.0	92.6	39.1
South Dakota	100.0	85.0	6.4	100.0	80.5	4.5	100.0	83.3	6.7
Tennessee	100.0	91.6	24.7	100.0	87.2	27.1	100.0	89.5	25.0
Texas	NA	NA	NA	99.8	70.7	40.1	99.7	75.8	37.5
Utah	100.0	80.8	4.2	100.0	76.1	5.5	100.0	80.8	5.0
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.4	59.9	13.2	90.1	51.7	10.1	92.0	63.1	14.1
Washington	100.0	89.4	9.0	100.0	85.4	6.2	100.0	90.1	8.0
West Virginia	100.0	61.6	7.0	100.0	51.7	9.6	100.0	61.5	8.5
Wisconsin	100.0	79.0	21.7	100.0	70.9	16.1	100.0	77.6	19.9
Wyoming	71.7	51.0	NA	72.8	51.8	1.8	74.5	58.2	2.1
Total	96.0	70.5	15.0	95.8	64.8	14.7	96.0	68.2	14.7

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2015-2017 – continued

State	2016								
	November			October			September		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	69.8	24.8	100.0	70.3	25.6	100.0	74.3	25.5
Alaska	100.0	98.9	100.0	100.0	97.7	100.0	100.0	96.9	100.0
Arizona	100.0	80.5	15.2	100.0	78.3	18.5	100.0	79.6	19.8
Arkansas	100.0	25.3	1.8	100.0	25.9	1.4	100.0	28.4	1.5
California	95.7	52.0	4.5	95.0	49.5	4.3	94.8	46.8	3.1
Colorado	100.0	94.8	7.7	100.0	92.5	5.5	100.0	90.9	5.2
Connecticut	95.9	75.7	49.2	95.1	72.7	47.5	95.6	71.8	48.4
Delaware	100.0	29.5	0.3	100.0	22.8	0.2	100.0	23.4	0.2
District of Columbia	69.3	16.9	--	68.9	15.5	--	67.7	13.2	--
Florida	89.6	29.8	3.4	91.7	29.5	3.1	92.6	28.2	3.3
Georgia	100.0	100.0	23.0	100.0	100.0	21.7	100.0	100.0	21.1
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	75.5	2.4	100.0	67.1	2.2	100.0	59.6	2.2
Illinois	88.1	33.8	5.6	87.1	29.0	4.1	86.1	22.2	3.0
Indiana	95.9	66.6	1.6	95.0	63.8	1.5	95.6	56.3	1.0
Iowa	100.0	69.1	5.4	100.0	65.8	4.0	100.0	59.2	2.8
Kansas	100.0	43.2	4.3	100.0	31.0	5.3	100.0	24.6	12.0
Kentucky	98.1	73.8	16.4	97.9	69.4	16.7	97.6	66.8	17.1
Louisiana	100.0	75.4	3.0	100.0	74.0	3.1	100.0	76.4	3.0
Maine	100.0	54.4	11.3	100.0	49.9	6.7	100.0	53.8	5.4
Maryland	75.4	23.6	4.4	73.9	20.9	1.6	73.0	16.5	1.5
Massachusetts	98.7	44.2	22.3	98.6	36.4	22.1	98.7	28.5	22.0
Michigan	93.3	54.8	5.6	93.1	48.8	3.6	93.6	38.7	4.5
Minnesota	100.0	87.9	18.5	100.0	83.4	17.0	100.0	74.5	12.7
Mississippi	100.0	80.7	9.5	100.0	81.0	11.0	100.0	80.3	11.0
Missouri	100.0	64.5	10.7	100.0	61.7	9.6	100.0	61.2	9.3
Montana	99.5	41.7	1.4	99.6	40.6	1.6	99.5	37.1	0.9
Nebraska	85.2	47.8	5.7	88.1	57.2	5.3	88.0	54.3	5.2
Nevada	100.0	55.7	13.7	100.0	50.0	12.0	100.0	48.5	8.9
New Hampshire	100.0	51.0	4.3	100.0	47.2	2.5	100.0	47.2	1.8
New Jersey	94.4	38.9	5.1	94.6	30.5	3.0	94.2	19.4	2.1
New Mexico	99.9	40.5	14.0	100.0	43.3	13.4	100.0	45.8	10.1
New York	100.0	100.0	4.7	100.0	100.0	4.7	100.0	100.0	4.3
North Carolina	100.0	83.3	10.4	100.0	77.7	9.0	100.0	76.4	9.9
North Dakota	100.0	92.8	36.9	100.0	90.7	39.5	100.0	88.8	40.5
Ohio	100.0	100.0	1.6	100.0	100.0	1.1	100.0	100.0	0.9
Oklahoma	100.0	24.4	0.3	100.0	25.6	0.3	100.0	27.6	0.3
Oregon	100.0	94.3	15.1	100.0	94.2	14.0	100.0	92.8	14.0
Pennsylvania	88.9	38.3	0.8	88.1	33.1	0.5	88.1	27.3	0.3
Rhode Island	100.0	51.7	2.7	100.0	54.0	3.5	100.0	54.2	2.7
South Carolina	100.0	91.6	40.9	100.0	90.1	41.5	100.0	89.2	42.2
South Dakota	100.0	80.8	6.7	100.0	76.4	3.1	100.0	72.1	1.9
Tennessee	100.0	84.9	24.4	100.0	80.8	23.5	100.0	79.0	25.0
Texas	99.5	65.4	38.1	99.7	63.9	38.6	99.8	63.6	40.3
Utah	100.0	67.9	4.4	100.0	66.7	4.5	100.0	62.4	5.1
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	91.5	45.9	10.9	89.6	45.3	10.8	87.6	36.8	8.3
Washington	100.0	86.2	6.6	100.0	85.1	5.4	100.0	81.0	4.9
West Virginia	100.0	51.6	6.2	100.0	39.8	10.8	100.0	30.4	9.9
Wisconsin	100.0	70.2	17.2	100.0	62.0	15.0	100.0	51.8	12.0
Wyoming	73.9	52.9	1.6	77.5	55.3	1.4	72.0	51.3	1.7
Total	96.0	63.5	14.5	95.9	59.9	14.4	96.0	56.2	14.6

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2015-2017 – continued

State	2016								
	August			July			June		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	R72.7	R24.8	100.0	R73.1	R24.5	100.0	R73.9	R22.0
Alaska	100.0	R96.8	100.0	100.0	R96.3	100.0	100.0	97.0	100.0
Arizona	100.0	R79.7	R14.5	100.0	80.6	R18.4	100.0	81.6	20.3
Arkansas	100.0	R27.0	R1.4	100.0	R26.5	R1.1	100.0	R26.4	R1.3
California	94.4	R43.2	3.2	94.9	R47.2	3.3	R94.7	R48.2	3.8
Colorado	100.0	R89.4	4.3	100.0	R91.2	4.6	100.0	R91.7	5.3
Connecticut	95.6	R69.5	R49.4	96.0	71.0	R49.6	95.3	71.1	R44.1
Delaware	100.0	24.2	0.2	100.0	26.5	0.1	100.0	31.2	0.1
District of Columbia	R68.4	R14.3	--	R69.2	R14.9	--	R69.3	R15.3	--
Florida	R92.7	R29.8	3.2	R92.7	R27.2	R3.2	R92.3	R28.5	3.5
Georgia	100.0	100.0	R23.3	100.0	100.0	R22.4	100.0	100.0	R22.6
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	61.4	2.5	100.0	58.9	2.4	100.0	59.8	2.5
Illinois	86.0	19.4	2.2	85.7	22.0	2.1	86.3	R23.9	3.1
Indiana	95.6	50.9	1.0	R95.0	53.9	0.9	94.9	54.1	1.0
Iowa	100.0	R48.9	R2.3	100.0	R53.6	R2.0	100.0	R57.1	R2.3
Kansas	100.0	R23.9	R20.3	100.0	R26.1	R17.0	100.0	R28.9	R12.4
Kentucky	97.6	R64.8	R17.2	97.2	67.3	R18.0	96.3	66.9	R18.8
Louisiana	100.0	R75.8	3.1	100.0	75.4	R2.8	100.0	R78.5	R2.9
Maine	100.0	R46.8	R5.5	100.0	R50.0	R5.4	100.0	R50.9	6.4
Maryland	R71.2	R18.0	R1.0	R71.0	R15.7	R0.8	R71.7	R19.7	R1.2
Massachusetts	98.6	R27.8	R20.8	98.6	R31.8	R23.2	98.5	R33.3	R23.4
Michigan	92.1	R32.7	2.5	R92.8	R38.5	2.3	91.7	R39.2	2.6
Minnesota	100.0	R74.1	R12.3	100.0	R72.1	R11.4	100.0	R76.1	R10.8
Mississippi	100.0	R81.3	R9.1	100.0	R79.7	8.8	100.0	79.9	R8.9
Missouri	100.0	R60.1	R8.6	100.0	R60.6	R8.3	100.0	R62.4	R9.0
Montana	99.5	R37.5	0.7	99.5	R39.4	1.0	99.5	R43.9	0.7
Nebraska	90.0	R56.0	R4.6	88.6	R56.1	R4.5	R87.8	R56.8	R5.8
Nevada	100.0	47.4	7.2	100.0	49.0	7.8	100.0	51.6	9.2
New Hampshire	100.0	47.4	R2.3	100.0	44.2	R2.6	100.0	46.5	4.0
New Jersey	94.2	16.5	1.7	94.2	22.4	1.7	94.4	24.3	R2.8
New Mexico	R100.0	R46.1	R12.9	100.0	R47.7	R10.6	R100.0	R51.6	R8.7
New York	100.0	100.0	R4.1	100.0	100.0	R5.4	100.0	100.0	R5.1
North Carolina	100.0	76.3	R8.8	100.0	R75.1	R8.9	100.0	77.3	R9.0
North Dakota	100.0	86.1	R10.3	100.0	86.6	R17.1	100.0	85.0	R39.2
Ohio	100.0	100.0	R0.9	100.0	100.0	0.7	100.0	100.0	1.1
Oklahoma	100.0	R27.0	0.2	100.0	R29.4	0.2	100.0	R32.0	0.3
Oregon	100.0	92.7	R12.9	100.0	92.9	R12.6	100.0	R93.0	R12.7
Pennsylvania	87.8	R28.1	0.4	87.6	R26.9	0.3	87.1	R27.2	0.4
Rhode Island	100.0	55.6	2.3	100.0	53.9	3.5	100.0	46.6	3.7
South Carolina	100.0	90.0	40.3	100.0	89.4	40.3	100.0	90.7	R42.6
South Dakota	100.0	69.1	1.9	100.0	73.0	R2.3	100.0	72.3	R2.9
Tennessee	100.0	R77.6	R27.3	100.0	R79.7	R26.0	100.0	R79.8	R26.9
Texas	99.8	R62.4	41.0	99.8	R65.3	39.4	99.8	67.9	R41.7
Utah	100.0	60.4	4.9	100.0	66.2	5.6	100.0	67.5	6.2
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	R87.3	R42.3	R7.6	R87.4	R39.4	R9.1	R87.6	R43.0	R7.5
Washington	100.0	R78.1	4.5	100.0	R80.8	R4.2	100.0	79.2	R4.3
West Virginia	100.0	R27.7	R8.4	100.0	R29.7	R7.4	100.0	R29.4	R8.2
Wisconsin	100.0	R49.5	R12.3	100.0	R48.1	11.5	100.0	R57.6	R13.1
Wyoming	R75.5	R52.7	1.4	71.9	R51.9	1.5	R72.0	R45.3	1.5
Total	95.8	R54.7	R14.6	95.9	R56.9	R14.2	95.7	R58.0	14.6

^R Revised data.

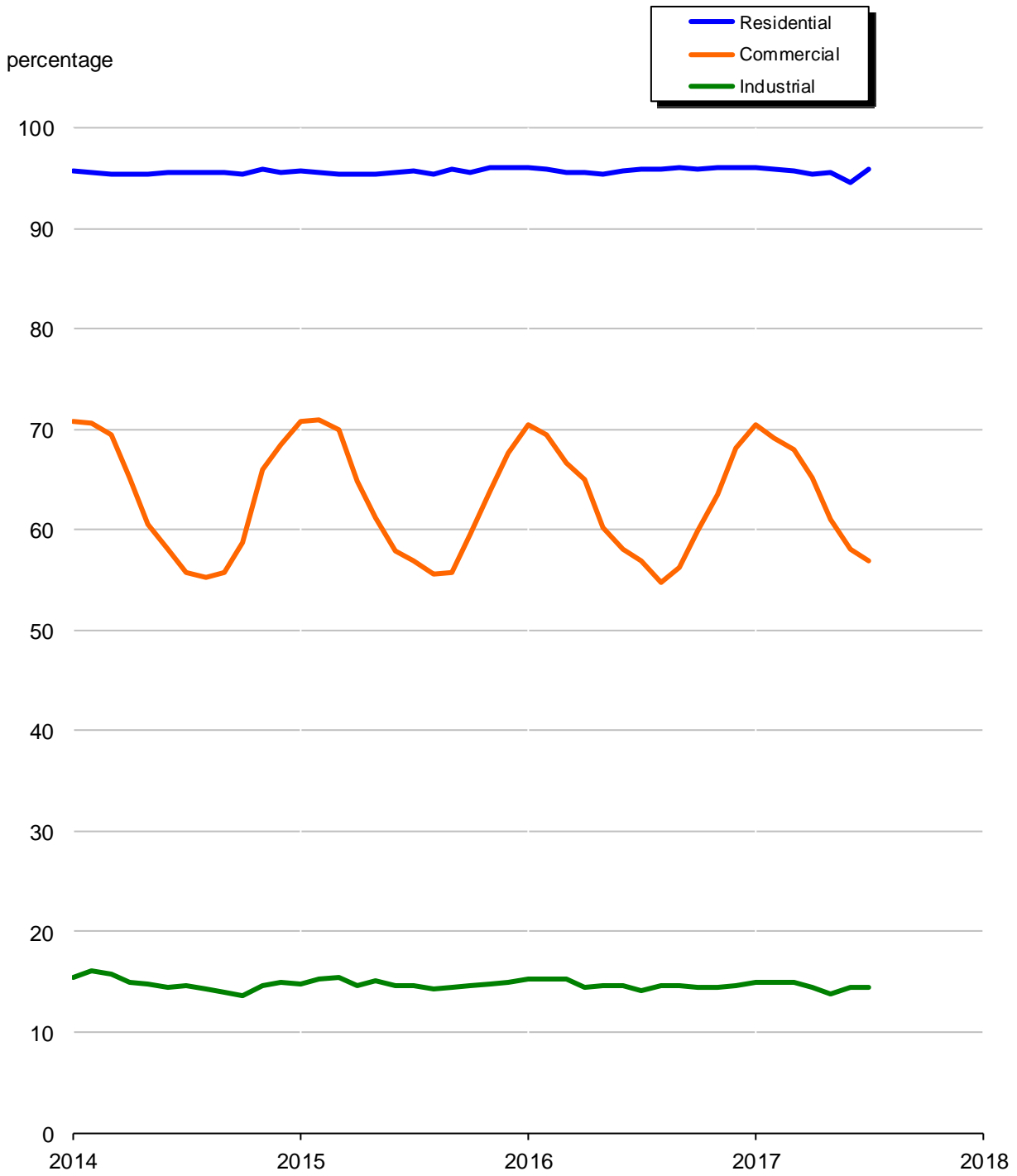
-- Not applicable.

^{NA} Not available.

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

Sources: 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, 2014-2017



Sources: 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, 2015-2017
(Btu per cubic foot)

State	2017	2016	2015	2017				
	7-Month YTD	7-Month YTD	7-Month YTD	July	June	May	April	March
Alabama	1,030	1,028	1,030	1,031	1,030	1,031	1,030	1,028
Alaska	995	1,001	1,001	974	988	995	994	996
Arizona	1,039	1,039	1,037	1,039	1,037	1,038	1,038	1,040
Arkansas	1,024	1,024	1,029	1,017	1,019	1,016	1,022	1,017
California	1,035	1,034	1,034	1,037	1,037	1,033	1,033	1,034
Colorado	1,064	1,060	1,054	1,072	1,069	1,065	1,063	1,062
Connecticut	1,026	1,026	1,027	1,026	1,025	1,025	1,025	1,026
Delaware	1,039	1,042	1,053	1,038	1,037	1,037	1,041	1,045
District of Columbia	1,043	1,044	1,045	1,030	1,029	1,034	1,035	1,047
Florida	1,023	1,021	1,025	1,024	1,023	1,024	1,023	1,023
Georgia	1,032	1,029	1,027	1,032	1,032	1,033	1,030	1,029
Hawaii	971	1,004	976	987	987	984	959	954
Idaho	1,038	1,034	1,027	1,035	1,069	1,044	1,051	1,037
Illinois	1,031	1,032	1,029	1,027	1,027	1,028	1,030	1,030
Indiana	1,042	1,035	1,034	1,049	1,044	1,042	1,036	1,034
Iowa	1,053	1,053	1,049	1,058	1,056	1,057	1,055	1,052
Kansas	1,038	1,034	1,037	1,034	1,033	1,035	1,041	1,037
Kentucky	1,036	1,028	1,024	1,040	1,043	1,028	1,030	1,035
Louisiana	1,031	1,032	1,034	1,022	1,020	1,022	1,023	1,022
Maine	1,029	1,027	1,028	1,017	1,021	1,022	1,026	1,036
Maryland	1,050	1,053	1,057	1,044	1,041	1,046	1,043	1,055
Massachusetts	1,031	1,030	1,031	1,032	1,030	1,030	1,029	1,031
Michigan	1,042	1,039	1,029	1,042	1,042	1,043	1,039	1,042
Minnesota	1,030	1,041	1,039	1,030	1,028	1,034	1,032	1,033
Mississippi	1,035	1,031	1,033	1,035	1,035	1,032	1,032	1,035
Missouri	1,022	1,024	1,022	1,018	1,020	1,021	1,022	1,021
Montana	1,032	1,029	1,026	1,045	1,040	1,026	1,032	1,036
Nebraska	1,057	1,053	1,054	1,070	1,066	1,063	1,061	1,058
Nevada	1,040	1,041	1,042	1,043	1,044	1,035	1,039	1,039
New Hampshire	1,030	1,031	1,032	1,026	1,030	1,029	1,028	1,032
New Jersey	1,040	1,041	1,047	1,036	1,036	1,037	1,038	1,043
New Mexico	1,043	1,048	1,037	1,043	1,040	1,042	1,040	1,042
New York	1,032	1,032	1,034	1,030	1,031	1,031	1,032	1,033
North Carolina	1,037	1,035	1,032	1,037	1,038	1,040	1,045	1,033
North Dakota	1,052	1,066	1,047	1,085	1,085	1,080	1,080	1,078
Ohio	1,070	1,070	1,065	1,067	1,068	1,068	1,069	1,072
Oklahoma	1,044	1,048	1,046	1,043	1,044	1,041	1,042	1,041
Oregon	1,050	1,039	1,036	1,073	1,086	1,079	1,076	1,035
Pennsylvania	1,039	1,043	1,049	1,038	1,038	1,038	1,038	1,040
Rhode Island	1,030	1,029	1,029	1,030	1,030	1,029	1,029	1,029
South Carolina	1,030	1,030	1,029	1,030	1,030	1,032	1,031	1,030
South Dakota	1,053	1,056	1,049	1,054	1,050	1,051	1,049	1,050
Tennessee	1,028	1,030	1,027	1,030	1,032	1,032	1,029	1,028
Texas	1,029	1,030	1,032	1,030	1,028	1,029	1,030	1,026
Utah	1,042	1,043	1,043	1,041	1,041	1,042	1,042	1,043
Vermont	1,030	1,028	1,027	1,020	1,026	1,024	1,025	1,033
Virginia	1,051	1,054	1,053	1,051	1,052	1,051	1,055	1,057
Washington	1,079	1,077	1,062	1,091	1,082	1,077	1,080	1,078
West Virginia	1,086	1,091	1,083	1,092	1,105	1,094	1,103	1,086
Wisconsin	1,034	1,037	1,039	1,026	1,029	1,036	1,034	1,035
Wyoming	1,064	1,070	1,053	1,055	1,053	1,052	1,051	1,055
Total	1,037	1,036	1,037	1,035	1,035	1,035	1,036	1,037

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2015-2017
(Btu per cubic foot) – continued

State	2017				2016			
	February	January	Total	December	November	October	September	August
Alabama	1,029	1,028	1,029	1,030	1,030	1,031	1,032	1,031
Alaska	1,000	1,000	1,001	1,000	1,000	1,001	1,002	1,003
Arizona	1,043	1,042	1,037	1,039	1,034	1,031	1,034	1,035
Arkansas	1,019	1,018	1,019	1,019	1,021	1,018	1,020	1,022
California	1,034	1,036	1,035	1,034	1,032	1,033	1,037	1,038
Colorado	1,060	1,060	1,063	1,059	1,063	1,069	1,075	1,074
Connecticut	1,026	1,026	1,027	1,026	1,026	1,026	1,026	1,025
Delaware	1,045	1,047	1,046	1,047	1,045	1,046	1,046	1,043
District of Columbia	1,049	1,051	1,044	1,045	1,040	1,035	1,038	1,038
Florida	1,025	1,024	1,023	1,025	1,024	1,023	1,026	1,026
Georgia	1,033	1,030	1,030	1,031	1,030	1,032	1,032	1,029
Hawaii	972	955	981	954	947	952	945	947
Idaho	1,036	1,036	1,038	1,033	1,036	1,035	1,035	1,035
Illinois	1,031	1,033	1,031	1,033	1,031	1,029	1,028	1,030
Indiana	1,034	1,038	1,038	1,035	1,046	1,048	1,042	1,047
Iowa	1,052	1,052	1,056	1,056	1,059	1,059	1,059	1,061
Kansas	1,036	1,042	1,034	1,038	1,039	1,037	1,038	1,039
Kentucky	1,035	1,037	1,030	1,026	1,039	1,027	1,030	1,038
Louisiana	1,022	1,023	1,024	1,023	1,022	1,022	1,026	1,028
Maine	1,049	1,037	1,026	1,030	1,018	1,016	1,019	1,026
Maryland	1,056	1,054	1,051	1,050	1,045	1,042	1,046	1,051
Massachusetts	1,031	1,031	1,030	1,030	1,029	1,029	1,029	1,028
Michigan	1,045	1,045	1,041	1,044	1,048	1,047	1,047	1,052
Minnesota	1,028	1,028	1,037	1,033	1,033	1,037	1,038	1,036
Mississippi	1,035	1,034	1,031	1,033	1,037	1,032	1,034	1,031
Missouri	1,022	1,022	1,024	1,024	1,024	1,024	1,023	1,024
Montana	1,034	1,036	1,034	1,035	1,039	1,029	1,034	1,033
Nebraska	1,060	1,057	1,059	1,059	1,063	1,068	1,069	1,073
Nevada	1,040	1,041	1,041	1,041	1,038	1,039	1,044	1,045
New Hampshire	1,036	1,032	1,029	1,031	1,027	1,028	1,026	1,026
New Jersey	1,042	1,043	1,041	1,042	1,040	1,038	1,038	1,039
New Mexico	1,043	1,045	1,046	1,041	1,040	1,039	1,048	1,055
New York	1,033	1,033	1,031	1,033	1,031	1,030	1,030	1,029
North Carolina	1,032	1,033	1,035	1,032	1,034	1,039	1,037	1,035
North Dakota	1,083	1,076	1,083	1,092	1,075	1,072	1,061	1,090
Ohio	1,071	1,071	1,071	1,073	1,071	1,072	1,068	1,067
Oklahoma	1,043	1,046	1,049	1,053	1,050	1,050	1,053	1,051
Oregon	1,035	1,036	1,059	1,038	1,035	1,038	1,038	1,046
Pennsylvania	1,040	1,041	1,041	1,040	1,039	1,040	1,041	1,039
Rhode Island	1,029	1,029	1,029	1,028	1,028	1,030	1,029	1,028
South Carolina	1,031	1,030	1,030	1,031	1,029	1,031	1,030	1,030
South Dakota	1,051	1,055	1,056	1,052	1,052	1,053	1,056	1,057
Tennessee	1,031	1,032	1,030	1,033	1,035	1,028	1,026	1,025
Texas	1,029	1,027	1,030	1,029	1,028	1,030	1,034	1,035
Utah	1,043	1,043	1,042	1,043	1,042	1,041	1,041	1,042
Vermont	1,036	1,034	1,024	1,029	1,022	1,019	1,016	1,017
Virginia	1,052	1,057	1,053	1,054	1,055	1,052	1,053	1,054
Washington	1,075	1,076	1,078	1,080	1,083	1,081	1,076	1,085
West Virginia	1,089	1,084	1,097	1,085	1,083	1,083	1,103	1,109
Wisconsin	1,038	1,041	1,039	1,041	1,033	1,036	1,029	1,026
Wyoming	1,066	1,060	1,074	1,057	1,056	1,050	1,054	1,058
Total	1,038	1,039	1,037	1,039	1,037	1,036	1,037	1,037

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2015-2017
(Btu per cubic foot) – continued

State	2016							2015
	July	June	May	April	March	February	January	Total
Alabama	1,029	1,026	1,028	1,028	1,030	1,025	1,029	1,030
Alaska	1,003	1,003	1,002	1,001	1,001	1,000	1,000	1,001
Arizona	1,031	1,031	1,037	1,042	1,050	1,047	1,046	1,040
Arkansas	1,021	1,020	1,018	1,019	1,017	1,015	1,019	1,020
California	1,035	1,042	1,021	1,035	1,034	1,036	1,038	1,036
Colorado	1,072	1,071	1,066	1,065	1,055	1,052	1,050	1,060
Connecticut	1,025	1,026	1,025	1,026	1,026	1,026	1,026	1,027
Delaware	1,044	1,042	1,042	1,044	1,043	1,050	1,055	1,050
District of Columbia	1,038	1,034	1,035	1,040	1,043	1,049	1,051	1,044
Florida	1,023	1,020	1,021	1,023	1,024	1,025	1,015	1,024
Georgia	1,028	1,027	1,030	1,028	1,030	1,030	1,029	1,027
Hawaii	967	1,050	1,018	992	1,003	1,004	998	982
Idaho	1,028	1,035	1,044	1,056	1,044	1,038	1,034	1,030
Illinois	1,029	1,027	1,032	1,032	1,030	1,031	1,031	1,029
Indiana	1,035	1,042	1,038	1,034	1,032	1,033	1,030	1,027
Iowa	1,057	1,058	1,057	1,053	1,052	1,052	1,053	1,053
Kansas	1,033	1,034	1,032	1,033	1,037	1,036	1,032	R1,035
Kentucky	1,033	1,025	1,018	1,026	1,023	1,025	1,027	R1,022
Louisiana	1,022	1,023	1,022	1,021	1,022	1,025	1,024	1,025
Maine	1,023	1,023	1,019	1,024	1,030	1,037	1,035	1,027
Maryland	1,052	1,046	1,047	1,048	1,050	1,055	1,061	1,055
Massachusetts	1,028	1,029	1,029	1,029	1,030	1,032	1,031	1,029
Michigan	1,044	1,041	1,038	1,040	1,036	1,038	1,040	R1,032
Minnesota	1,034	1,044	1,042	1,041	1,039	1,035	1,043	1,040
Mississippi	1,022	1,030	1,036	1,033	1,039	1,032	1,031	1,030
Missouri	1,022	1,022	1,021	1,024	1,024	1,023	1,024	1,012
Montana	1,028	1,029	1,023	1,023	1,027	1,030	1,033	R1,032
Nebraska	1,070	1,064	1,064	1,062	1,048	1,054	1,054	1,057
Nevada	1,044	1,038	1,039	1,042	1,037	1,042	1,043	1,042
New Hampshire	1,026	1,028	1,027	1,029	1,031	1,039	1,035	1,030
New Jersey	1,038	1,037	1,037	1,039	1,042	1,043	1,044	1,045
New Mexico	1,046	1,049	1,052	1,048	1,048	1,048	1,046	1,038
New York	1,029	1,030	1,029	1,033	1,033	1,034	1,033	1,032
North Carolina	1,033	1,034	1,038	1,038	1,037	1,034	1,034	1,035
North Dakota	1,089	1,070	1,091	1,108	1,099	1,095	1,095	1,086
Ohio	1,068	1,069	1,070	1,068	1,070	1,072	1,073	1,068
Oklahoma	1,049	1,046	1,047	1,044	1,048	1,047	1,049	1,047
Oregon	1,045	1,044	1,043	1,038	1,036	1,034	1,033	R1,048
Pennsylvania	1,040	1,041	1,042	1,042	1,042	1,045	1,048	R1,046
Rhode Island	1,028	1,028	1,029	1,034	1,025	1,027	1,032	1,028
South Carolina	1,029	1,029	1,030	1,031	1,029	1,031	1,031	1,030
South Dakota	1,060	1,058	1,054	1,052	1,053	1,058	1,060	1,054
Tennessee	1,025	1,024	1,031	1,031	1,034	1,035	1,035	1,029
Texas	1,031	1,027	1,029	1,032	1,030	1,028	1,029	1,034
Utah	1,042	1,040	1,041	1,042	1,041	1,043	1,046	1,044
Vermont	1,016	1,025	1,023	1,028	1,030	1,032	1,029	1,025
Virginia	1,054	1,052	1,054	1,052	1,056	1,055	1,055	1,052
Washington	1,085	1,080	1,078	1,078	1,077	1,075	1,070	1,065
West Virginia	1,108	1,118	1,096	1,096	1,096	1,096	1,092	1,097
Wisconsin	1,026	1,033	1,037	1,038	1,038	1,046	1,045	1,042
Wyoming	1,053	1,048	1,053	1,055	1,071	1,052	1,056	1,060
Total	1,034	1,034	1,034	1,037	1,037	1,038	1,038	1,037

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2015-2017
(Btu per cubic foot) – continued

State	2015							
	December	November	October	September	August	July	June	May
Alabama	1,029	1,029	1,030	1,030	1,030	1,032	1,032	1,031
Alaska	1,000	1,001	1,001	1,001	1,002	1,002	1,002	1,001
Arizona	1,044	1,041	1,042	1,040	1,038	1,038	1,036	1,038
Arkansas	1,015	1,014	1,029	1,019	1,022	1,023	1,020	1,022
California	1,037	1,037	1,035	1,037	1,037	1,037	1,037	1,033
Colorado	1,051	1,060	1,069	1,076	1,069	1,073	1,070	1,059
Connecticut	1,026	1,027	1,028	1,026	1,026	1,027	1,027	1,049
Delaware	1,049	1,051	1,051	1,043	1,044	1,044	1,055	1,055
District of Columbia	1,044	1,039	1,045	1,035	1,036	1,037	1,040	1,044
Florida	1,023	1,023	1,023	1,024	1,024	1,026	1,026	1,026
Georgia	1,027	1,026	1,028	1,029	1,028	1,030	1,031	1,028
Hawaii	997	996	996	989	965	1,011	1,005	990
Idaho	1,041	1,035	1,033	1,024	1,028	1,034	1,010	1,000
Illinois	1,030	1,030	1,028	1,028	1,027	1,027	1,027	1,029
Indiana	1,033	1,034	1,039	1,041	1,044	1,043	1,043	1,037
Iowa	1,056	1,057	1,058	1,058	1,059	1,059	1,060	1,054
Kansas	1,031	1,035	1,037	1,039	1,042	1,040	1,039	1,044
Kentucky	1,024	1,021	1,024	1,020	1,015	1,024	1,021	1,023
Louisiana	1,023	1,022	1,023	1,023	1,024	1,028	1,027	1,028
Maine	1,027	1,025	1,026	1,019	1,018	1,020	1,020	1,022
Maryland	1,050	1,049	1,053	1,050	1,049	1,055	1,057	1,058
Massachusetts	1,030	1,029	1,028	1,027	1,028	1,029	1,027	1,027
Michigan	1,040	1,041	1,034	1,036	1,035	1,034	1,033	1,028
Minnesota	1,041	1,045	1,041	1,039	1,041	1,043	1,047	1,044
Mississippi	1,030	1,029	1,028	1,031	1,029	1,030	1,030	1,032
Missouri	1,023	1,024	1,025	1,026	1,026	1,026	1,026	1,024
Montana	1,034	1,034	1,032	1,032	1,033	1,031	1,030	1,019
Nebraska	1,053	1,055	1,060	1,068	1,071	1,068	1,063	1,061
Nevada	1,042	1,043	1,043	1,044	1,043	1,044	1,045	1,043
New Hampshire	1,030	1,029	1,029	1,028	1,028	1,027	1,028	1,028
New Jersey	1,044	1,044	1,041	1,041	1,042	1,043	1,043	1,043
New Mexico	1,046	1,042	1,048	1,040	1,049	1,038	1,039	1,038
New York	1,033	1,032	1,032	1,032	1,031	1,031	1,032	1,032
North Carolina	1,034	1,033	1,040	1,038	1,037	1,038	1,033	1,035
North Dakota	1,112	1,097	1,093	1,078	1,095	1,117	1,089	1,084
Ohio	1,077	1,077	1,071	1,071	1,068	1,069	1,068	1,072
Oklahoma	1,050	1,047	1,049	1,049	1,047	1,050	1,049	1,048
Oregon	1,036	1,035	1,036	1,038	1,039	1,039	1,042	1,039
Pennsylvania	1,046	1,046	1,045	1,044	1,044	1,044	1,046	1,050
Rhode Island	1,028	1,028	1,028	1,028	1,028	1,028	1,028	1,028
South Carolina	1,030	1,030	1,031	1,031	1,029	1,031	1,030	1,030
South Dakota	1,058	1,053	1,053	1,056	1,060	1,062	1,059	1,054
Tennessee	1,034	1,031	1,032	1,025	1,023	1,027	1,025	1,025
Texas	1,030	1,033	1,036	1,036	1,035	1,036	1,036	1,036
Utah	1,046	1,044	1,044	1,042	1,043	1,043	1,043	1,043
Vermont	1,027	1,027	1,030	1,020	1,019	1,022	1,021	1,021
Virginia	1,057	1,051	1,053	1,055	1,054	1,056	1,055	1,055
Washington	1,073	1,069	1,064	1,066	1,065	1,070	1,069	1,065
West Virginia	1,090	1,114	1,090	1,102	1,099	1,099	1,096	1,107
Wisconsin	1,044	1,043	1,045	1,034	1,040	1,036	1,040	1,038
Wyoming	1,054	1,046	1,040	1,041	1,044	1,042	1,045	1,045
Total	1,038	1,038	1,037	1,037	1,036	1,037	1,037	1,037

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2015-2017
(Btu per cubic foot) – continued

State	2015			
	April	March	February	January
Alabama	1,032	1,029	1,026	1,028
Alaska	1,002	1,001	1,000	1,000
Arizona	1,040	1,036	1,038	1,038
Arkansas	1,025	1,023	1,023	1,021
California	1,034	1,033	1,035	1,034
Colorado	1,059	1,051	1,044	1,046
Connecticut	1,026	1,029	1,026	1,017
Delaware	1,051	1,062	1,061	1,061
District of Columbia	1,044	1,046	1,047	1,045
Florida	1,024	1,024	1,025	1,024
Georgia	1,026	1,025	1,026	1,025
Hawaii	959	947	954	968
Idaho	1,023	1,030	1,037	1,047
Illinois	1,028	1,029	1,030	1,027
Indiana	1,039	1,031	1,029	1,028
Iowa	1,051	1,047	1,047	1,045
Kansas	1,036	1,035	1,034	1,033
Kentucky	1,016	1,015	1,018	1,023
Louisiana	1,029	1,029	1,031	1,030
Maine	1,025	1,030	1,035	1,033
Maryland	1,051	1,058	1,061	1,059
Massachusetts	1,029	1,030	1,035	1,035
Michigan	1,035	1,030	1,026	1,027
Minnesota	1,037	1,033	1,034	1,041
Mississippi	1,037	1,031	1,033	1,036
Missouri	1,026	1,025	1,020	1,017
Montana	1,021	1,028	1,029	1,028
Nebraska	1,057	1,053	1,054	1,052
Nevada	1,043	1,041	1,040	1,040
New Hampshire	1,029	1,033	1,041	1,037
New Jersey	1,043	1,050	1,050	1,050
New Mexico	1,034	1,034	1,038	1,038
New York	1,034	1,034	1,035	1,034
North Carolina	1,035	1,030	1,028	1,030
North Dakota	1,084	1,072	1,078	1,036
Ohio	1,073	1,062	1,062	1,065
Oklahoma	1,045	1,044	1,043	1,042
Oregon	1,035	1,032	1,031	1,031
Pennsylvania	1,049	1,049	1,054	1,053
Rhode Island	1,029	1,029	1,029	1,029
South Carolina	1,029	1,028	1,028	1,030
South Dakota	1,051	1,047	1,048	1,048
Tennessee	1,027	1,029	1,029	1,028
Texas	1,034	1,029	1,028	1,026
Utah	1,049	1,047	1,046	1,039
Vermont	1,024	1,027	1,035	1,026
Virginia	1,045	1,051	1,053	1,056
Washington	1,062	1,060	1,054	1,052
West Virginia	1,103	1,069	1,084	1,097
Wisconsin	1,039	1,040	1,044	1,042
Wyoming	1,043	1,042	1,041	1,043
Total	1,037	1,036	1,036	1,036

^R Revised data.

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: 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 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, Lease Condensate, and Natural Gas Production Report." For 2017 forward, volumes are available only for those states/areas that were collected individually on

the EIA-914 survey (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 survey (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

Prior to 2011, natural gas production data were collected from producing states on the voluntary Form EIA-895. The form requested data on gross withdrawals, gas vented and flared, repressuring, nonhydrocarbon gases removed, fuel used on leases, and marketed production (wet). Beginning in 2011, EIA has obtained similar data directly from the states agencies. Production data for the Federal waters of the Gulf of Mexico are provided by the Bureau of Safety & Environmental Enforcement.

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 2012 through 2016 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 the new 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 Thompson Reuters 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 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 2017 for report year 2016 totaled approximately 2,038 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 PointLogic Energy. 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, PointLogic Energy, 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 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 Oil, Gas, and Coal Supply Statistics. 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 131 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 310 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 100 natural gas marketers currently report to the survey. Final monthly survey response rates are approximately 95 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 in use for 2017 was selected from a universe of 1,581 companies. These companies were respondents to the Form EIA-176, “Annual Report of Natural and Supplemental Gas Supply and Disposition,” for reporting year 2015, 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 310 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 ,

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

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

$T_{.j}$ = the ratio estimator defined in equation 1,

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

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

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

N = frame size.

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

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

where:

P_j = natural gas price in sector j,

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

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

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

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

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

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

and,

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

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

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

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

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

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

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

Table C1. Standard error for natural gas deliveries and price by consumers, by state, July 2017

State	Volume Relative Standard Error (Percent)				Price (Dollars per Thousand Cubic Feet)		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	4.0	3.9	1.0	1.0	0.35	0.17	0.05
Alaska	0.5	3.0	0.0	1.5	0.02	0.22	0.00
Arizona	2.1	6.1	4.1	3.0	0.25	0.12	0.16
Arkansas	9.1	0.4	3.5	2.4	0.18	0.12	0.42
California	2.6	1.4	0.4	0.6	0.58	0.22	0.23
Colorado	1.0	0.6	1.3	0.7	0.14	0.06	0.32
Connecticut	0.4	1.2	0.6	0.6	0.10	0.10	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	2.1	1.4	0.8	0.7	0.36	0.43	0.32
Georgia	0.0	0.0	2.2	0.0	0.07	0.08	0.23
Hawaii	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Idaho	0.9	1.0	0.0	0.2	0.03	0.02	0.00
Illinois	0.8	1.4	1.8	1.0	0.24	0.52	1.46
Indiana	2.2	1.3	1.4	1.3	0.42	0.19	0.53
Iowa	2.1	1.0	4.1	3.6	0.32	0.16	0.31
Kansas	3.7	4.6	3.0	2.5	0.08	0.14	0.12
Kentucky	1.2	0.9	1.2	1.0	0.34	0.19	0.17
Louisiana	2.8	1.3	1.3	1.2	0.36	0.16	0.09
Maine	0.0	0.0	0.0	0.0	NA	0.00	0.00
Maryland	0.6	2.4	1.6	1.4	0.07	NA	NA
Massachusetts	0.9	1.0	1.9	0.7	0.11	0.24	0.13
Michigan	0.9	1.0	2.7	1.5	0.16	0.02	0.13
Minnesota	0.6	0.9	1.0	0.7	0.10	0.06	0.07
Mississippi	3.3	2.7	1.4	1.2	0.33	0.17	0.11
Missouri	1.8	0.6	1.8	1.1	0.78	0.16	0.22
Montana	0.8	0.6	0.0	0.2	0.07	0.11	0.11
Nebraska	0.4	1.7	0.8	0.6	0.25	0.28	0.40
Nevada	0.0	0.0	0.3	0.1	0.00	0.00	0.21
New Hampshire	0.0	0.0	3.6	2.3	0.00	0.00	0.00
New Jersey	0.0	6.6	1.5	2.3	0.00	0.00	0.00
New Mexico	2.3	1.5	5.2	2.2	0.08	0.23	0.57
New York	0.0	0.0	1.2	0.0	0.20	0.05	0.45
North Carolina	3.6	4.2	0.4	1.0	1.20	0.33	0.11
North Dakota	1.3	1.9	3.6	3.1	0.23	0.21	0.04
Ohio	0.0	0.0	0.7	0.0	0.10	0.06	0.31
Oklahoma	4.9	0.7	1.7	1.5	0.28	0.67	0.94
Oregon	0.0	0.0	0.9	0.7	0.00	0.00	0.00
Pennsylvania	0.7	0.5	1.0	0.6	0.04	0.08	1.45
Rhode Island	0.0	0.0	0.0	0.0	0.00	0.00	0.00
South Carolina	2.0	1.3	1.6	1.3	0.79	0.09	0.13
South Dakota	2.3	1.7	1.0	0.9	0.08	0.08	0.07
Tennessee	1.2	1.7	1.4	1.1	0.28	0.12	0.15
Texas	1.9	0.9	0.6	0.6	0.26	0.12	0.01
Utah	0.4	0.4	0.0	0.1	0.00	0.00	0.00
Vermont	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Virginia	3.1	1.7	1.5	1.1	0.21	0.20	0.41
Washington	1.5	1.7	0.9	0.7	0.11	0.04	0.03
West Virginia	7.1	0.8	1.0	0.9	0.12	0.04	0.18
Wisconsin	0.9	0.8	1.0	0.7	0.21	0.03	0.07
Wyoming	0.8	1.2	1.7	1.4	0.18	0.02	0.13
Total	0.5	0.5	0.3	0.2	0.12	0.03	0.01

^{NA} Not available.

Source: 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.