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Preface

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

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

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

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

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Highlights

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

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	2,790	2,420	144	2,277	5	135	741	-42	3,115
February	2,521	2,197	130	2,067	4	109	757	-12	2,925
March	2,828	2,443	145	2,298	5	93	201	-6	2,591
April	2,759	2,398	142	2,256	5	75	-329	1	2,008
May	2,791	2,443	145	2,298	5	70	-507	-8	1,858
June	2,660	2,358	140	2,219	5	68	-370	-21	1,900
July	2,756	2,445	145	2,300	5	73	-292	-19	2,068
August	2,745	2,448	145	2,302	5	69	-317	-7	2,053
September	2,721	2,384	141	2,242	5	46	-381	-11	1,901
October	2,806	2,445	145	2,300	5	68	-339	-47	1,987
November	2,726	2,356	140	2,216	5	63	16	-51	2,249
December	2,812	2,435	144	2,290	5	66	272	-45	2,588
Total	**32,915**	**28,772**	**1,707**	**27,065**	**59**	**935**	**-547**	**-268**	**27,244**
2016									
January	2,828	2,443	156	2,287	5	105	741	-46	3,092
February	2,656	2,315	148	2,167	5	89	411	-20	2,651
March	2,828	2,449	156	2,293	5	46	53	-39	2,357
April	2,681	2,366	151	2,215	5	63	-171	-23	2,089
May	2,787	2,433	155	2,278	5	60	-337	-35	1,971
June	2,636	2,323	148	2,175	5	59	-229	-4	2,005
July	2,730	2,421	154	2,266	5	76	-139	-15	2,193
August	2,726	2,395	153	2,242	5	48	-130	51	2,216
September	2,630	2,304	147	2,157	5	37	-270	23	1,951
October	2,718	2,365	151	2,214	5	55	-317	-31	1,926
November	2,673	2,310	147	2,162	5	3	39	-44	2,164
December	2,742	2,356	150	2,206	5	30	688	-61	2,867
Total	**32,636**	**28,479**	**1,817**	**26,663**	**57**	**671**	**339**	**-244**	**27,486**
2017									
January	RE2,727	RE2,339	149	RE2,191	5	20	675	R9	R2,899
February	RE2,504	RE2,148	143	RE2,005	5	-1	285	R33	R2,326
March	RE2,778	RE2,381	161	RE2,220	5	9	275	R63	R2,572
April	RE2,682	RE2,308	156	RE2,153	5	-9	-230	R8	R1,927
May	RE2,770	RE2,391	164	RE2,227	3	-10	-341	R19	R1,898
June	RE2,682	RE2,341	160	RE2,180	4	-14	-281	R23	R1,913
July	RE2,750	RE2,443	166	RE2,277	5	2	-150	R9	R2,143
August	RE2,762	RE2,442	R163	RE2,279	5	1	R-196	R51	R2,140
September	E2,756	E2,407	157	E2,250	5	-19	-317	10	1,930
2017 9-Month YTD	**E24,410**	**E21,200**	**1,420**	**E19,781**	**41**	**-20**	**-279**	**226**	**19,748**
2016 9-Month YTD	**24,502**	**21,448**	**1,368**	**20,080**	**43**	**583**	**-71**	**-108**	**20,528**
2015 9-Month YTD	**24,570**	**21,536**	**1,277**	**20,258**	**44**	**739**	**-497**	**-125**	**20,419**

[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.

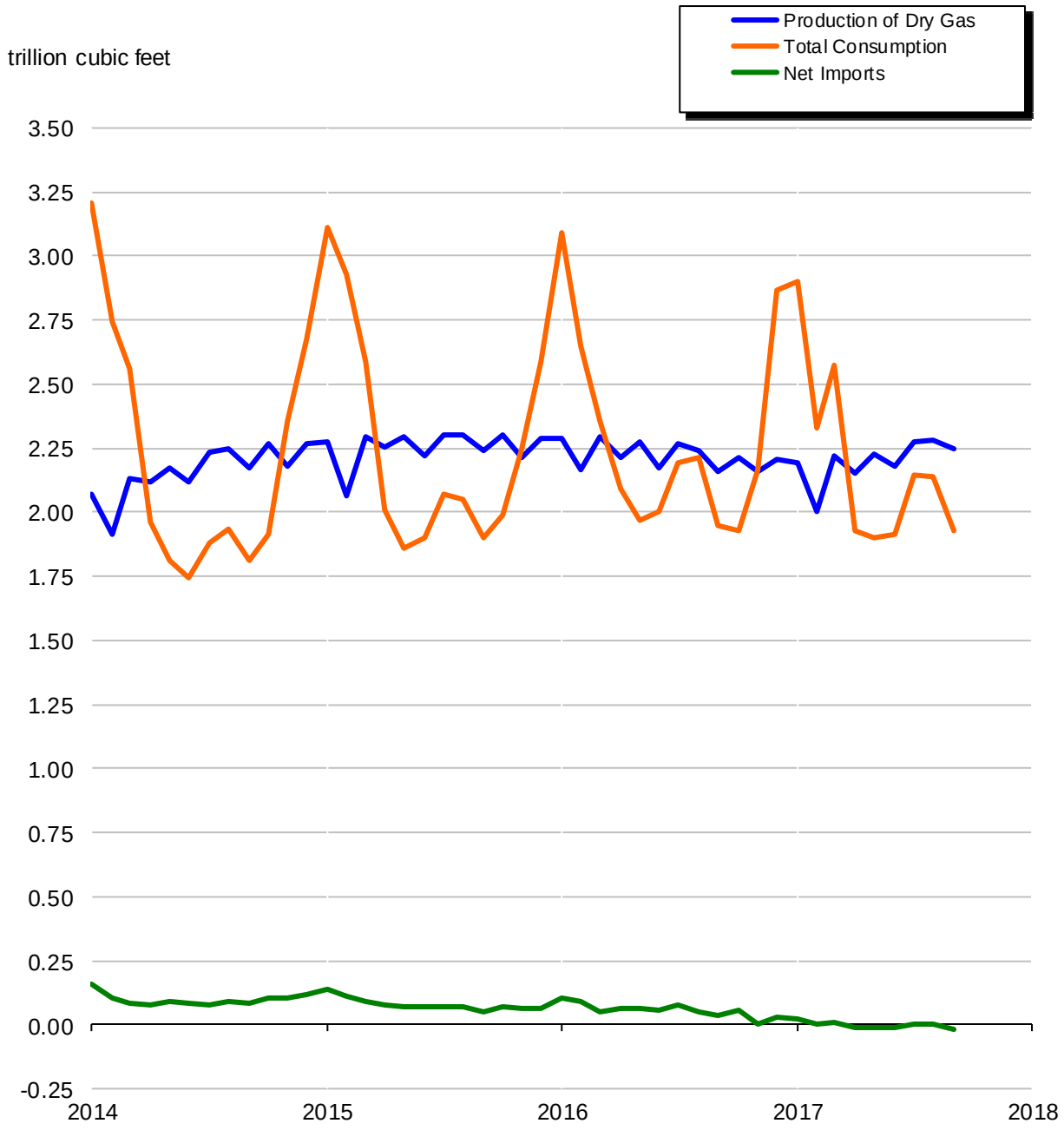
[RE] Revised estimated data.

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*"; 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: Residential	Commercial	Industrial	Electric Power	Vehicle Fuel	Total	Total Consumption	Heating Value[c] (Btu per cubic foot)
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	133	79	938	533	718	711	3	2,904	3,115	1,036
February	120	74	902	517	660	648	3	2,731	2,925	1,036
March	134	65	633	386	662	709	3	2,393	2,591	1,036
April	131	50	319	232	608	664	3	1,827	2,008	1,037
May	134	46	178	161	603	734	3	1,679	1,858	1,037
June	129	47	124	135	575	886	3	1,724	1,900	1,037
July	134	51	108	134	592	1,046	3	1,883	2,068	1,037
August	134	51	103	135	600	1,027	3	1,868	2,053	1,036
September	131	47	108	138	579	895	3	1,724	1,901	1,037
October	134	49	202	195	613	792	3	1,804	1,987	1,037
November	129	56	407	283	639	732	3	2,064	2,249	1,038
December	133	65	591	353	675	769	3	2,390	2,588	1,038
Total	**1,576**	**678**	**4,613**	**3,202**	**7,522**	**9,613**	**39**	**24,989**	**27,244**	**1,037**
2016										
January	136	80	879	503	720	771	3	2,876	3,092	1,038
February	129	68	690	413	662	686	3	2,454	2,651	1,038
March	137	60	455	298	662	743	3	2,161	2,357	1,037
April	132	53	328	233	620	721	3	1,905	2,089	1,037
May	136	49	194	171	612	806	3	1,786	1,971	1,034
June	130	51	123	138	590	971	3	1,825	2,005	1,034
July	135	55	106	134	616	1,142	4	2,003	2,193	1,034
August	134	56	100	140	627	1,155	4	2,026	2,216	1,037
September	129	49	110	142	604	915	4	1,774	1,951	1,037
October	132	48	187	191	622	741	4	1,746	1,926	1,036
November	129	55	380	280	654	664	4	1,981	2,164	1,037
December	132	74	794	462	733	669	4	2,662	2,867	1,039
Total	**1,590**	**697**	**4,345**	**3,105**	**7,722**	**9,984**	**42**	**25,198**	**27,486**	**1,037**
2017										
January	E131	RE74	832	481	731	R648	E4	R2,695	R2,899	1,039
February	E120	E59	582	361	644	R556	E3	R2,147	R2,326	1,038
March	E133	RE65	582	373	691	R724	E4	R2,374	R2,572	1,037
April	E129	E49	281	213	625	R626	E4	R1,749	R1,927	1,036
May	RE133	E48	R200	179	625	R709	E4	R1,717	R1,898	1,035
June	E131	RE49	124	R138	611	R856	E4	R1,733	R1,913	1,035
July	RE136	E54	R107	134	623	R1,084	E4	R1,952	R2,143	1,035
August	E136	RE54	R104	R139	635	R1,067	E4	R1,949	R2,140	1,035
September	E134	E49	115	146	613	869	E4	1,746	1,930	1,036
2017 9-Month YTD	**E1,184**	**E501**	**2,928**	**2,167**	**5,798**	**7,139**	**E32**	**18,064**	**19,748**	**1,036**
2016 9-Month YTD	**1,197**	**521**	**2,984**	**2,172**	**5,713**	**7,910**	**31**	**18,810**	**20,528**	**1,037**
2015 9-Month YTD	**1,180**	**508**	**3,414**	**2,371**	**5,596**	**7,321**	**29**	**18,731**	**20,419**	**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.

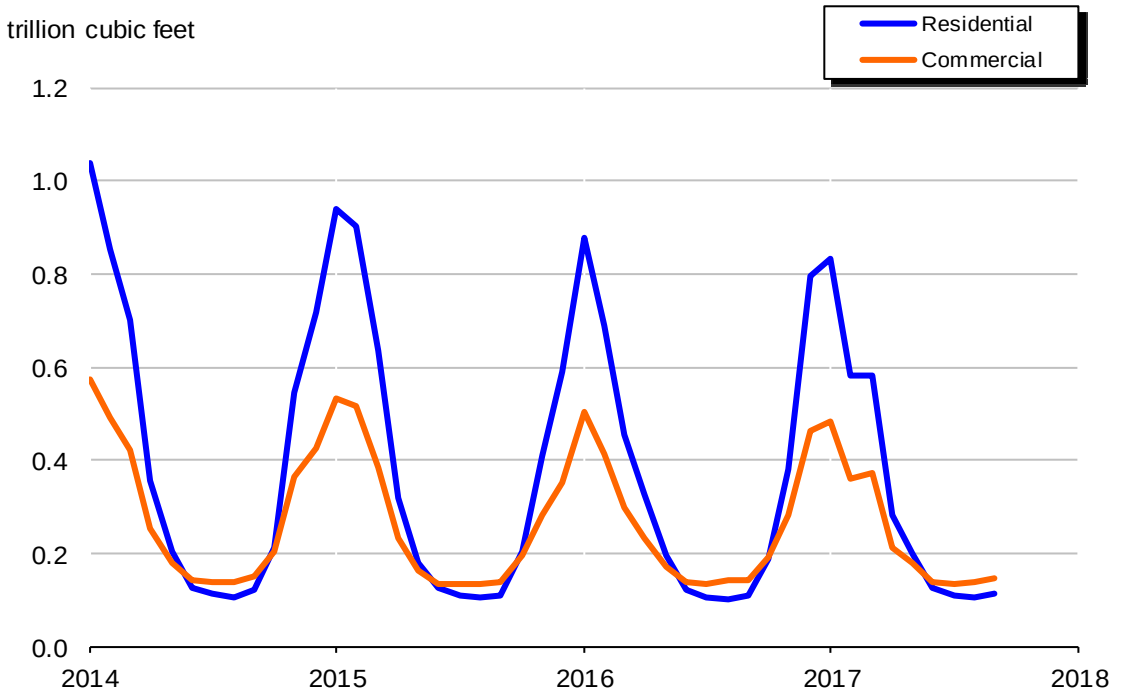
[RE] Revised estimated data.

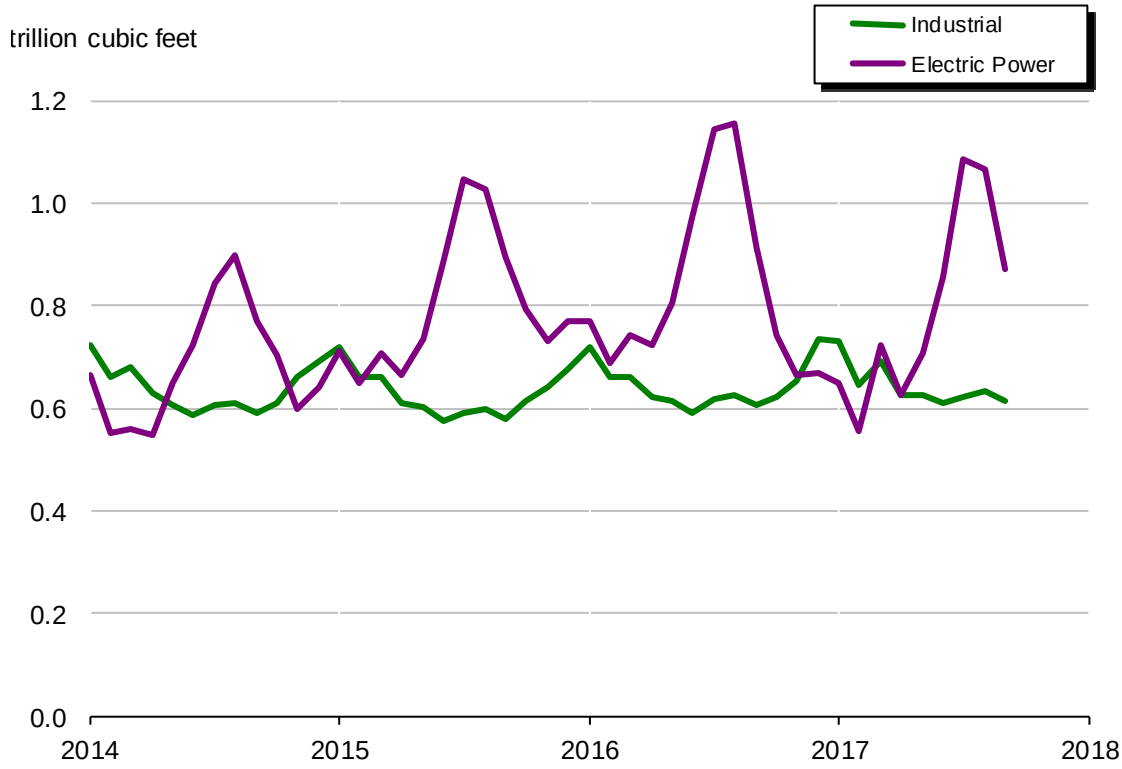
Notes: Data for 2012 through 2015 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Note 6, for definition of sectors.

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: Residential Price	Residential % of Total[c]	Commercial Price	Commercial % of Total[c]	Industrial Price	Industrial % of Total[c]	Electric Power Price[d]
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	R6.78	3.30	4.21	9.38	96.0	7.59	70.5	R4.90	15.0	R4.33
February	7.25	2.85	4.13	10.06	95.9	7.90	69.1	R4.60	15.0	3.74
March	5.91	2.88	3.83	9.90	95.7	7.68	67.9	R3.98	14.9	3.52
April	6.25	3.10	4.17	11.35	95.3	8.08	65.1	4.17	14.5	R3.50
May	6.14	3.15	4.39	13.18	95.6	8.30	61.0	4.08	13.8	R3.61
June	5.73	2.97	4.78	15.96	94.5	8.76	58.1	4.10	14.4	3.41
July	6.27	2.98	4.67	R17.74	95.8	8.90	56.9	3.96	14.5	3.32
August	7.01	2.90	R4.57	18.09	95.7	8.73	55.6	3.83	14.2	3.27
September	7.80	2.98	4.55	17.01	96.1	8.48	56.2	3.89	13.6	3.31
2017 9-Month YTD	**6.56**	**3.01**	**4.22**	**11.28**	**95.7**	**8.02**	**64.9**	**4.19**	**14.4**	**3.51**
2016 9-Month YTD	**4.70**	**2.34**	**3.59**	**10.00**	**95.8**	**7.19**	**64.7**	**3.34**	**14.8**	**2.86**
2015 9-Month YTD	**5.10**	**2.80**	**4.43**	**10.48**	**95.6**	**8.07**	**66.1**	**4.10**	**14.8**	**3.54**

[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.

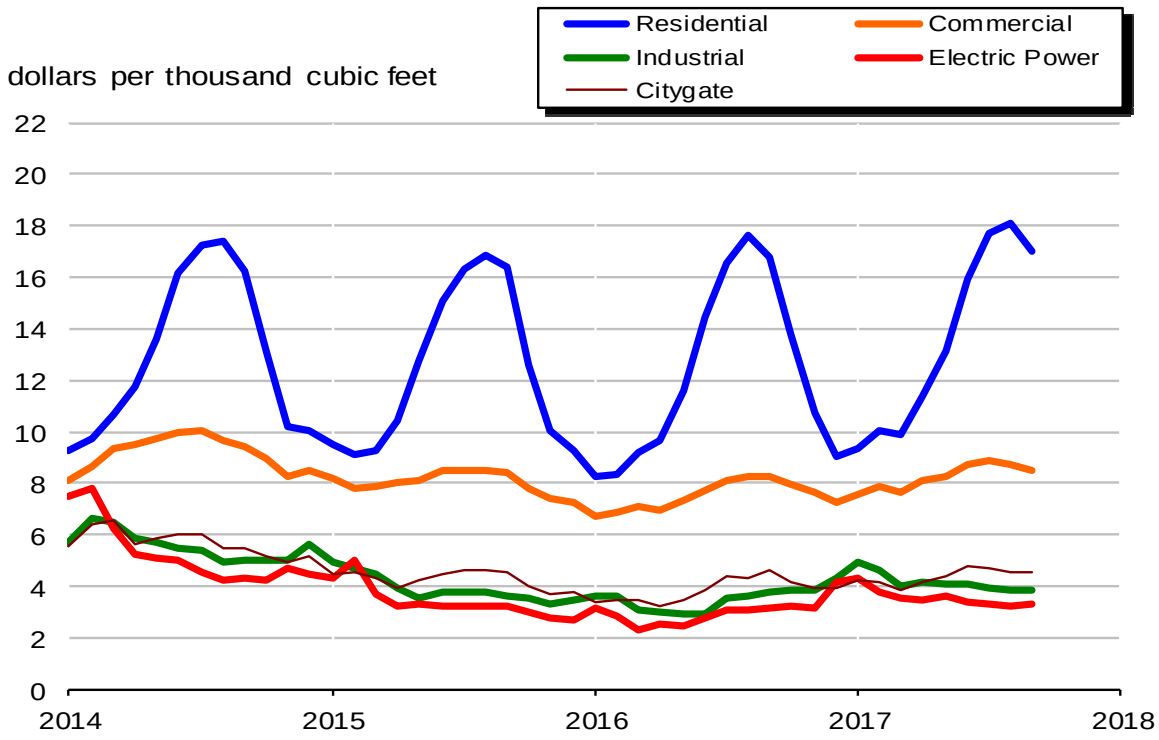
[d] The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Data include nonregulated members of the electric power sector.

[R] Revised data.

Notes: Prices are in nominal dollars. Data for 2012 through 2014 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.

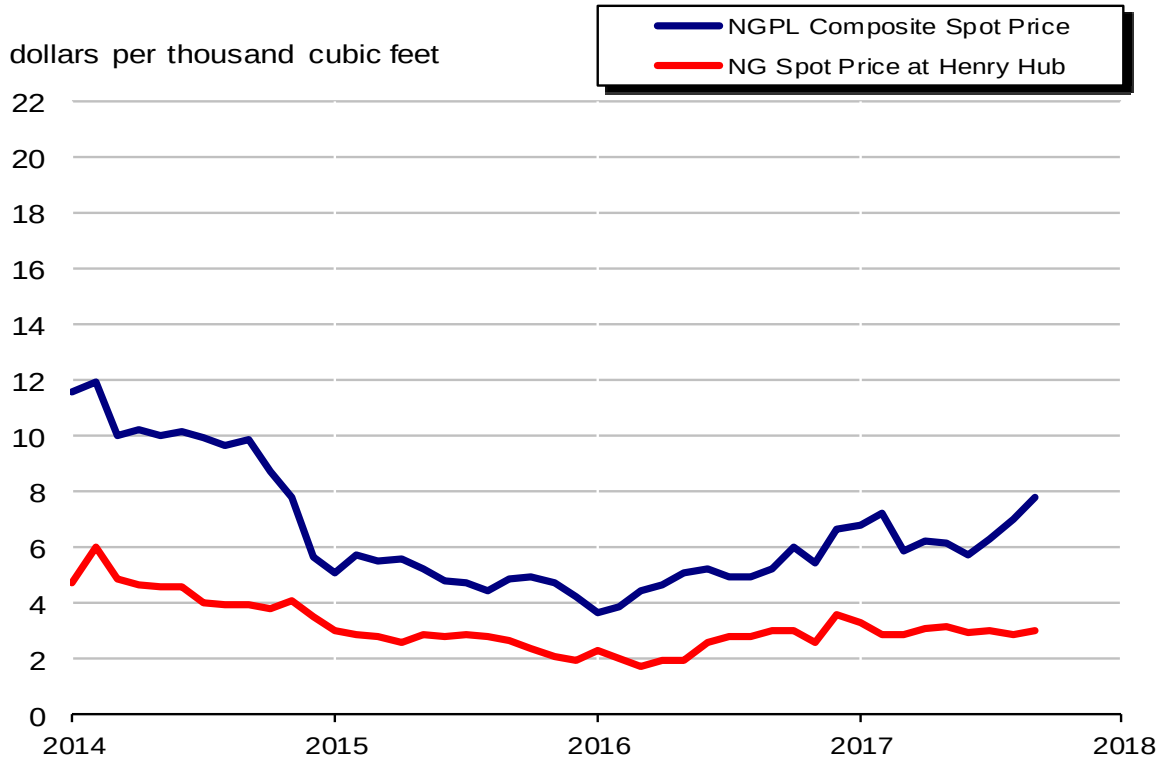
Figure 3. Average citygate and consumer prices of natural gas in the United States, 2014-2017



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*"; Form EIA-923, "*Power Plant Operations Report*"; Form EIA-816; Bloomberg; Thompson Reuters; and EIA estimates.

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: 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*"; Form EIA-923, "*Power Plant Operations Report*"; Form EIA-816; Bloomberg; Thompson 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 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	September	August	July	June	2017 May
Imports								
Volume (million cubic feet)								
Pipeline								
Canada[a]	2,217,431	2,197,556	1,975,684	226,607	239,935	245,212	234,061	238,527
Mexico	685	688	714	68	63	80	78	78
Total Pipeline Imports	**2,218,116**	**2,198,243**	**1,976,398**	**226,675**	**239,997**	**245,292**	**234,140**	**238,604**
LNG								
By Truck								
Canada	1,276	810	290	183	226	215	212	220
By Vessel								
Nigeria	2,753	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0	0
Trinidad/Tobago	54,435	63,877	61,959	2,618	7,636	4,974	5,425	5,275
Yemen	0	0	7,441	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total LNG Imports	**58,464**	**64,687**	**69,689**	**2,801**	**7,862**	**5,189**	**5,637**	**5,494**
CNG								
Canada	262	225	221	25	28	27	29	28
Total CNG Imports	**262**	**225**	**221**	**25**	**28**	**27**	**29**	**28**
Total Imports	**2,276,842**	**2,263,155**	**2,046,308**	**229,502**	**247,888**	**250,508**	**239,805**	**244,126**
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.58	1.98	3.04	2.05	2.24	2.31	2.51	2.59
Mexico	2.69	1.64	1.84	2.64	2.31	2.62	2.77	2.62
Total Pipeline Imports	**2.58**	**1.98**	**3.04**	**2.05**	**2.24**	**2.31**	**2.51**	**2.59**
LNG								
By Truck								
Canada	8.73	8.10	8.93	8.66	8.69	8.78	8.91	8.88
By Vessel								
Nigeria	5.82	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--
Trinidad/Tobago	4.34	3.90	7.14	3.75	3.19	3.21	3.37	3.65
Yemen	--	--	9.10	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
Total LNG Imports	**4.51**	**3.96**	**7.35**	**4.07**	**3.34**	**3.44**	**3.58**	**3.86**
CNG								
Canada	3.15	2.05	4.55	0.82	0.97	1.19	1.64	1.86
Total CNG Imports	**3.15**	**2.05**	**4.55**	**0.82**	**0.97**	**1.19**	**1.64**	**1.86**
Total Imports	**2.74**	**2.15**	**3.44**	**2.12**	**2.38**	**2.40**	**2.62**	**2.70**
Net Imports - Volume	**-20,164**	**582,928**	**738,806**	**-18,893**	**889**	**2,080**	**-13,517**	**-9,737**

See footnotes at end of table.

Table 4

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

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

	2017				2016			
	April	March	February	January	Total	December	November	October
Imports								
Volume (million cubic feet)								
Pipeline								
Canada[a]	232,998	275,573	245,928	278,590	2,916,856	271,845	221,866	225,588
Mexico	79	83	74	83	917	64	83	83
Total Pipeline Imports	**233,077**	**275,656**	**246,002**	**278,673**	**2,917,774**	**271,910**	**221,949**	**225,671**
LNG								
By Truck								
Canada	186	8	8	18	924	16	41	58
By Vessel								
Nigeria	0	0	0	2,753	0	0	0	0
Norway	0	0	0	0	3,253	0	3,253	0
Trinidad/Tobago	4,985	4,870	8,468	10,183	84,190	8,838	5,779	5,696
Yemen	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total LNG Imports	**5,171**	**4,878**	**8,477**	**12,955**	**88,367**	**8,854**	**9,073**	**5,753**
CNG								
Canada	31	34	26	35	299	27	22	25
Total CNG Imports	**31**	**34**	**26**	**35**	**299**	**27**	**22**	**25**
Total Imports	**238,279**	**280,567**	**254,504**	**291,663**	**3,006,439**	**280,791**	**231,044**	**231,449**
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.53	2.57	2.81	3.41	2.18	3.31	2.41	2.50
Mexico	2.64	2.27	2.94	3.29	1.85	2.56	2.34	2.50
Total Pipeline Imports	**2.53**	**2.57**	**2.81**	**3.41**	**2.18**	**3.31**	**2.41**	**2.50**
LNG								
By Truck								
Canada	8.49	7.05	7.22	9.12	8.07	7.51	7.92	7.93
By Vessel								
Nigeria	--	--	--	5.82	--	--	--	--
Norway	--	--	--	--	3.12	--	3.12	--
Trinidad/Tobago	3.56	4.34	6.39	5.48	4.06	4.62	5.96	3.05
Yemen	--	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
Total LNG Imports	**3.74**	**4.35**	**6.39**	**5.56**	**4.07**	**4.63**	**4.95**	**3.10**
CNG								
Canada	1.76	1.91	6.07	10.64	1.97	3.24	0.97	0.72
Total CNG Imports	**1.76**	**1.91**	**6.07**	**10.64**	**1.97**	**3.24**	**0.97**	**0.72**
Total Imports	**2.64**	**2.68**	**3.14**	**3.75**	**2.24**	**3.50**	**2.70**	**2.59**
Net Imports - Volume	**-8,973**	**8,724**	**-534**	**19,795**	**670,991**	**29,955**	**3,125**	**54,983**

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

	2016							
	September	August	July	June	May	April	March	February
Imports								
Volume (million cubic feet)								
Pipeline								
Canada[a]	235,512	253,793	259,132	234,145	243,017	236,451	232,095	241,948
Mexico	82	90	92	83	72	71	69	70
Total Pipeline Imports	**235,594**	**253,883**	**259,224**	**234,229**	**243,088**	**236,522**	**232,164**	**242,019**
LNG								
By Truck								
Canada	72	84	70	118	113	74	65	116
By Vessel								
Nigeria	0	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0	0
Trinidad/Tobago	2,810	7,998	5,703	7,520	5,087	4,693	8,503	9,612
Yemen	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total LNG Imports	**2,882**	**8,082**	**5,773**	**7,638**	**5,200**	**4,767**	**8,568**	**9,728**
CNG								
Canada	15	17	25	19	29	28	33	29
Total CNG Imports	**15**	**17**	**25**	**19**	**29**	**28**	**33**	**29**
Total Imports	**238,491**	**261,983**	**265,022**	**241,885**	**248,317**	**241,317**	**240,764**	**251,775**
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.42	2.29	2.26	1.76	1.44	1.51	1.55	2.12
Mexico	2.43	2.27	2.45	1.41	1.10	1.03	0.82	1.22
Total Pipeline Imports	**2.42**	**2.29**	**2.26**	**1.76**	**1.44**	**1.51**	**1.55**	**2.12**
LNG								
By Truck								
Canada	8.04	8.11	7.95	7.80	7.72	7.88	8.74	8.58
By Vessel								
Nigeria	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--
Trinidad/Tobago	3.13	3.17	3.15	3.11	3.36	3.23	3.25	5.08
Yemen	--	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
Total LNG Imports	**3.25**	**3.23**	**3.21**	**3.18**	**3.45**	**3.30**	**3.29**	**5.12**
CNG								
Canada	1.22	1.20	1.62	0.63	1.10	1.05	1.54	3.27
Total CNG Imports	**1.22**	**1.20**	**1.62**	**0.63**	**1.10**	**1.05**	**1.54**	**3.27**
Total Imports	**2.47**	**2.42**	**2.35**	**1.90**	**1.55**	**1.61**	**1.73**	**2.43**
Net Imports - Volume	**36,505**	**47,757**	**76,339**	**58,872**	**60,043**	**63,464**	**45,849**	**89,019**

See footnotes at end of table.

Table 4

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

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

	2016							2015
	January	Total	December	November	October	September	August	July
Imports								
Volume (million cubic feet)								
Pipeline								
Canada[a]	261,462	2,625,359	221,550	210,632	217,493	203,066	202,567	209,698
Mexico	59	933	64	72	83	83	82	80
Total Pipeline Imports	**261,521**	**2,626,291**	**221,613**	**210,704**	**217,576**	**203,150**	**202,649**	**209,779**
LNG								
By Truck								
Canada	97	437	59	45	43	45	44	41
By Vessel								
Nigeria	0	0	0	0	0	0	0	0
Norway	0	12,194	3,105	3,097	5,992	0	0	0
Trinidad/Tobago	11,951	71,439	2,453	4,373	2,653	5,609	11,161	7,133
Yemen	0	7,441	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total LNG Imports	**12,048**	**91,511**	**5,618**	**7,515**	**8,689**	**5,654**	**11,205**	**7,173**
CNG								
Canada	30	291	26	23	21	15	21	21
Total CNG Imports	**30**	**291**	**26**	**23**	**21**	**15**	**21**	**21**
Total Imports	**273,600**	**2,718,094**	**227,257**	**218,242**	**226,286**	**208,818**	**213,875**	**216,973**
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.42	2.84	2.13	2.19	2.37	2.49	2.51	2.44
Mexico	1.50	1.71	1.22	1.08	1.55	1.65	1.84	1.83
Total Pipeline Imports	**2.42**	**2.84**	**2.13**	**2.19**	**2.37**	**2.49**	**2.51**	**2.44**
LNG								
By Truck								
Canada	8.21	8.69	8.12	8.21	8.40	8.36	8.76	8.43
By Vessel								
Nigeria	--	--	--	--	--	--	--	--
Norway	--	8.56	2.31	2.13	15.12	--	--	--
Trinidad/Tobago	5.45	6.98	6.08	5.63	6.25	6.02	3.43	4.51
Yemen	--	9.10	--	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
Total LNG Imports	**5.48**	**7.37**	**4.02**	**4.20**	**12.38**	**6.03**	**3.45**	**4.53**
CNG								
Canada	5.41	4.18	3.78	3.02	1.99	1.14	0.52	0.45
Total CNG Imports	**5.41**	**4.18**	**3.78**	**3.02**	**1.99**	**1.14**	**0.52**	**0.45**
Total Imports	**2.80**	**2.99**	**2.28**	**2.40**	**3.23**	**2.75**	**2.74**	**2.66**
Net Imports - Volume	**105,079**	**934,581**	**65,503**	**62,503**	**67,768**	**46,245**	**68,991**	**73,153**

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
	June	May	April	March	February	January
Imports						
Volume (million cubic feet)						
Pipeline						
Canada[a]	203,583	202,545	202,133	242,508	241,917	267,666
Mexico	73	78	76	77	79	85
Total Pipeline Imports	**203,656**	**202,623**	**202,209**	**242,585**	**241,996**	**267,751**
LNG						
By Truck						
Canada	41	34	39	46	0	0
By Vessel						
Nigeria	0	0	0	0	0	0
Norway	0	0	0	0	0	0
Trinidad/Tobago	2,557	1,673	2,844	11,770	9,830	9,382
Yemen	0	0	0	2,834	2,373	2,234
Other	0	0	0	0	0	0
Total LNG Imports	**2,598**	**1,707**	**2,883**	**14,651**	**12,202**	**11,616**
CNG						
Canada	19	19	28	38	32	30
Total CNG Imports	**19**	**19**	**28**	**38**	**32**	**30**
Total Imports	**206,273**	**204,348**	**205,120**	**257,274**	**254,230**	**279,397**
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	2.43	2.44	2.39	3.16	4.82	4.01
Mexico	1.88	1.58	1.64	1.93	1.93	2.24
Total Pipeline Imports	**2.43**	**2.44**	**2.39**	**3.16**	**4.82**	**4.01**
LNG						
By Truck						
Canada	9.03	8.95	9.50	9.51	--	--
By Vessel						
Nigeria	--	--	--	--	--	--
Norway	--	--	--	--	--	--
Trinidad/Tobago	6.24	5.98	8.29	8.26	9.06	10.90
Yemen	--	--	--	7.42	9.41	10.88
Other	--	--	--	--	--	--
Total LNG Imports	**6.29**	**6.04**	**8.31**	**8.10**	**9.13**	**10.90**
CNG						
Canada	0.79	0.88	2.02	8.55	9.12	8.91
Total CNG Imports	**0.79**	**0.88**	**2.02**	**8.55**	**9.12**	**8.91**
Total Imports	**2.56**	**2.52**	**2.59**	**3.90**	**5.46**	**4.75**
Net Imports - Volume	**68,093**	**70,074**	**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.

-- 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

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

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

	2017 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	September	August	July	June	2017 May
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	693,128	555,900	523,353	69,631	66,342	59,760	66,725	63,949
Mexico	1,139,021	1,015,129	764,515	124,031	135,108	135,068	134,118	129,110
Total Pipeline Exports	**1,832,149**	**1,571,029**	**1,287,868**	**193,662**	**201,450**	**194,828**	**200,844**	**193,058**
LNG								
Exports								
By Vessel								
Argentina	16,276	16,661	0	0	0	0	2,949	3,192
Barbados	144	45	0	14	16	10	16	15
Brazil	10,681	9,196	0	3,364	0	3,642	0	3,676
Chile	18,708	26,465	0	0	0	3,256	3,657	0
China	34,518	3,132	0	10,056	0	7,218	0	3,514
Dominican Republic	5,856	2,945	0	2,922	0	0	0	0
Egypt	6,781	0	0	0	3,317	3,464	0	0
India	10,435	13,801	0	0	0	0	3,413	0
Italy	6,493	0	0	0	3,372	0	3,120	0
Japan	32,680	0	5,506	0	3,694	0	3,683	3,667
Jordan	25,814	6,928	0	0	7,393	0	0	3,453
Kuwait	20,213	7,068	0	0	0	3,410	0	3,281
Lithuania	6,844	0	0	3,414	3,431	0	0	0
Malta	867	0	0	0	0	0	0	0
Mexico	119,239	7,001	0	10,286	6,860	14,432	24,763	10,023
Netherlands	3,042	0	0	0	0	0	0	3,042
Pakistan	3,166	0	0	0	0	0	0	0
Poland	3,440	0	0	0	0	0	0	3,440
Portugal	15,821	3,700	0	0	3,399	3,662	0	3,625
South Korea	66,658	0	0	17,514	10,320	14,238	7,431	6,818
Spain	19,362	2,930	0	3,666	3,712	217	0	0
Taiwan	2,949	0	8,257	0	0	0	0	2,949
Thailand	3,113	0	0	0	0	0	0	0
Turkey	14,367	2,941	0	3,443	0	0	0	0
United Arab Emirates	13,408	3,391	0	0	0	0	0	10,062
United Kingdom	3,410	0	0	0	0	0	3,410	0
By Truck								
Canada	3	2	41	0	0	0	0	0
Mexico	436	243	133	53	33	44	19	26
Re-Exports								
By Vessel								
Argentina	0	612	0	0	0	0	0	0
Brazil	0	1,433	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	**464,723**	**109,040**	**19,471**	**54,733**	**45,548**	**53,592**	**52,462**	**60,782**
CNG								
Canada	134	158	163	0	1	8	16	23
Total CNG Exports	**134**	**158**	**163**	**0**	**1**	**8**	**16**	**23**
Total Exports	**2,297,007**	**1,680,227**	**1,307,502**	**248,394**	**246,999**	**248,428**	**253,322**	**253,864**

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			
	April	March	February	January	Total	December	November	October
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	80,532	99,489	87,890	98,811	771,094	97,178	74,544	43,471
Mexico	116,027	128,774	115,089	121,696	1,377,305	111,815	120,378	129,984
Total Pipeline Exports	**196,559**	**228,263**	**202,979**	**220,508**	**2,148,399**	**208,993**	**194,922**	**173,455**
LNG								
Exports								
By Vessel								
Argentina	10,135	0	0	0	16,661	0	0	0
Barbados	15	20	15	22	100	22	18	15
Brazil	0	0	0	0	9,196	0	0	0
Chile	5,894	2,951	2,950	0	29,405	0	2,940	0
China	0	0	10,338	3,391	17,221	6,747	7,341	0
Dominican Republic	0	2,934	0	0	2,945	0	0	0
Egypt	0	0	0	0	3,606	3,606	0	0
India	0	0	3,399	3,623	16,915	0	3,115	0
Italy	0	0	0	0	3,328	0	3,328	0
Japan	7,398	0	3,705	10,533	11,137	11,137	0	0
Jordan	0	6,655	2,945	5,368	9,870	0	0	2,942
Kuwait	6,784	3,360	3,378	0	7,068	0	0	0
Lithuania	0	0	0	0	0	0	0	0
Malta	0	0	0	867	0	0	0	0
Mexico	13,730	10,728	14,407	14,010	27,470	7,169	13,300	0
Netherlands	0	0	0	0	0	0	0	0
Pakistan	0	3,166	0	0	0	0	0	0
Poland	0	0	0	0	0	0	0	0
Portugal	0	0	1,692	3,442	3,700	0	0	0
South Korea	3,295	7,042	0	0	10,166	10,166	0	0
Spain	0	0	1,766	10,002	2,930	0	0	0
Taiwan	0	0	0	0	0	0	0	0
Thailand	0	3,113	0	0	0	0	0	0
Turkey	0	3,521	7,402	0	8,762	2,936	2,886	0
United Arab Emirates	3,347	0	0	0	3,391	0	0	0
United Kingdom	0	0	0	0	0	0	0	0
By Truck								
Canada	0	3	0	0	2	0	0	1
Mexico	70	61	44	85	375	42	48	42
Re-Exports								
By Vessel								
Argentina	0	0	0	0	612	0	0	0
Brazil	0	0	0	0	1,433	0	0	0
Egypt	0	0	0	0	0	0	0	0
India	0	0	0	0	547	0	0	0
Turkey	0	0	0	0	0	0	0	0
Total LNG Exports	**50,669**	**43,553**	**52,042**	**51,342**	**186,841**	**41,825**	**32,976**	**3,000**
CNG								
Canada	24	27	18	19	208	18	22	11
Total CNG Exports	**24**	**27**	**18**	**19**	**208**	**18**	**22**	**11**
Total Exports	**247,251**	**271,843**	**255,038**	**271,868**	**2,335,448**	**250,836**	**227,919**	**176,466**

See footnotes at end of table.

Table 5

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

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

	2016							
	September	August	July	June	May	April	March	February
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	61,499	55,012	49,750	50,715	62,768	62,931	81,403	62,192
Mexico	123,722	132,446	123,173	115,836	115,606	104,857	103,413	97,234
Total Pipeline Exports	**185,222**	**187,458**	**172,923**	**166,551**	**178,375**	**167,789**	**184,816**	**159,426**
LNG								
Exports								
By Vessel								
Argentina	0	2,190	0	8,161	0	6,310	0	0
Barbados	14	11	8	2	1	3	2	2
Brazil	0	3,933	0	0	0	0	3,270	1,993
Chile	0	9,518	6,074	4,643	6,230	0	0	0
China	0	0	3,132	0	0	0	0	0
Dominican Republic	0	2,945	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0	0
India	3,639	3,701	0	3,617	0	0	2,844	0
Italy	0	0	0	0	0	0	0	0
Japan	0	0	0	0	0	0	0	0
Jordan	3,362	0	3,566	0	0	0	0	0
Kuwait	3,458	0	0	0	3,610	0	0	0
Lithuania	0	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0	0
Mexico	3,315	3,686	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	3,700	0	0
South Korea	0	0	0	0	0	0	0	0
Spain	0	0	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	2,941	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	3,391	0
United Kingdom	0	0	0	0	0	0	0	0
By Truck								
Canada	0	0	0	0	0	0	0	0
Mexico	35	30	28	22	33	23	24	24
Re-Exports								
By Vessel								
Argentina	0	612	0	0	0	0	0	0
Brazil	0	142	0	0	0	0	0	1,290
Egypt	0	0	0	0	0	0	0	0
India	0	0	0	0	0	0	547	0
Turkey	0	0	0	0	0	0	0	0
Total LNG Exports	**16,764**	**26,768**	**15,739**	**16,445**	**9,874**	**10,036**	**10,078**	**3,309**
CNG								
Canada	0	0	20	18	25	28	21	22
Total CNG Exports	**0**	**0**	**20**	**18**	**25**	**28**	**21**	**22**
Total Exports	**201,986**	**214,226**	**188,682**	**183,013**	**188,274**	**177,853**	**194,915**	**162,757**

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
	January	Total	December	November	October	September	August	July
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	69,629	700,647	58,603	61,260	57,430	59,695	40,986	39,995
Mexico	98,841	1,054,271	99,952	91,490	98,314	100,111	101,131	101,031
Total Pipeline Exports	**168,470**	**1,754,918**	**158,555**	**152,750**	**155,744**	**159,806**	**142,117**	**141,027**
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	8,262	0	0	2,755	0	2,753	2,753
Jordan	0	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0	0
Lithuania	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	8,257	0	0	0	2,755	0	0
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	2	41	0	1	0	2	0	5
Mexico	25	195	27	21	14	11	10	13
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Brazil	0	5,533	0	0	0	0	0	0
Egypt	0	2,947	0	2,947	0	0	0	0
India	0	0	0	0	0	0	0	0
Turkey	0	3,145	3,145	0	0	0	0	0
Total LNG Exports	**26**	**28,381**	**3,172**	**2,969**	**2,769**	**2,767**	**2,763**	**2,771**
CNG								
Canada	25	214	27	20	4	0	5	23
Total CNG Exports	**25**	**214**	**27**	**20**	**4**	**0**	**5**	**23**
Total Exports	**168,521**	**1,783,512**	**161,754**	**155,739**	**158,517**	**162,573**	**144,885**	**143,820**

See footnotes at end of table.

Table 5

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

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

						2015
	June	May	April	March	February	January
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	44,658	44,672	53,086	89,639	77,594	73,028
Mexico	90,724	86,805	77,196	74,286	64,596	68,635
Total Pipeline Exports	**135,382**	**131,477**	**130,283**	**163,925**	**142,190**	**141,663**
LNG						
Exports						
By Vessel						
Argentina	0	0	0	0	0	0
Barbados	0	0	0	0	0	0
Brazil	0	0	0	0	0	0
Chile	0	0	0	0	0	0
China	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0
Egypt	0	0	0	0	0	0
India	0	0	0	0	0	0
Italy	0	0	0	0	0	0
Japan	0	0	0	0	0	0
Jordan	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0
Lithuania	0	0	0	0	0	0
Malta	0	0	0	0	0	0
Mexico	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0
Poland	0	0	0	0	0	0
Portugal	0	0	0	0	0	0
South Korea	0	0	0	0	0	0
Spain	0	0	0	0	0	0
Taiwan	2,754	2,748	0	0	0	0
Thailand	0	0	0	0	0	0
Turkey	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0
By Truck						
Canada	6	6	6	6	4	6
Mexico	14	15	18	17	16	21
Re-Exports						
By Vessel						
Argentina	0	0	0	0	0	0
Brazil	0	0	0	0	2,728	2,805
Egypt	0	0	0	0	0	0
India	0	0	0	0	0	0
Turkey	0	0	0	0	0	0
Total LNG Exports	**2,774**	**2,769**	**24**	**23**	**2,748**	**2,832**
CNG						
Canada	23	28	21	20	17	27
Total CNG Exports	**23**	**28**	**21**	**20**	**17**	**27**
Total Exports	**138,179**	**134,274**	**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 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	September	August	July	June	2017 May
Exports								
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	3.15	2.37	3.36	2.88	2.84	2.90	3.02	3.16
Mexico	3.24	2.46	2.97	3.29	3.27	3.22	3.13	3.20
Total Pipeline Exports	**3.21**	**2.43**	**3.13**	**3.14**	**3.13**	**3.12**	**3.10**	**3.19**
LNG								
Exports								
By Vessel								
Argentina	4.64	4.47	--	--	--	--	3.87	4.77
Barbados	10.40	10.26	--	10.40	10.40	10.40	10.40	10.40
Brazil	4.15	4.39	--	3.55	--	4.23	--	4.63
Chile	6.12	5.26	--	--	--	3.67	6.46	--
China	4.33	5.66	--	3.99	--	3.67	--	4.62
Dominican Republic	4.57	5.41	--	3.55	--	--	--	--
Egypt	4.93	--	--	--	3.55	6.26	--	--
India	4.48	4.73	--	--	--	--	4.67	--
Italy	3.95	--	--	--	3.55	--	4.38	--
Japan	6.78	--	7.99	--	6.14	--	6.99	6.88
Jordan	4.46	5.78	--	--	3.55	--	--	3.76
Kuwait	4.38	4.40	--	--	--	4.51	--	4.77
Lithuania	3.84	--	--	3.55	4.13	--	--	--
Malta	4.70	--	--	--	--	--	--	--
Mexico	4.94	4.85	--	3.98	3.55	4.17	4.40	4.67
Netherlands	6.35	--	--	--	--	--	--	6.35
Pakistan	3.14	--	--	--	--	--	--	--
Poland	4.26	--	--	--	--	--	--	4.26
Portugal	6.20	3.58	--	--	4.38	6.26	--	6.35
South Korea	4.05	--	--	4.05	3.59	3.67	3.87	4.88
Spain	5.32	4.92	--	3.55	3.55	6.26	--	--
Taiwan	4.43	--	7.49	--	--	--	--	4.43
Thailand	3.14	--	--	--	--	--	--	--
Turkey	5.54	3.41	--	3.55	--	--	--	--
United Arab Emirates	3.87	4.18	--	--	--	--	--	3.89
United Kingdom	3.87	--	--	--	--	--	3.87	--
By Truck								
Canada	8.39	7.41	12.47	--	--	--	--	--
Mexico	9.10	9.72	10.32	8.67	8.94	8.79	9.04	8.90
Re-Exports								
By Vessel								
Argentina	--	4.51	--	--	--	--	--	--
Brazil	--	3.64	15.20	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	3.99	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
Total LNG Exports	**4.84**	**4.80**	**9.85**	**3.88**	**3.88**	**4.26**	**4.61**	**4.80**
CNG								
Canada	5.19	3.30	5.94	--	2.50	2.72	3.14	3.39
Total CNG Exports	**5.19**	**3.30**	**5.94**	**--**	**2.50**	**2.72**	**3.14**	**3.39**
Total Exports	**3.54**	**2.58**	**3.23**	**3.30**	**3.27**	**3.37**	**3.41**	**3.57**

See footnotes at end of table.

Table 5

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

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

	2017				2016			
	April	March	February	January	Total	December	November	October
Exports								
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	3.19	3.01	3.21	3.85	2.60	3.82	2.71	2.72
Mexico	3.27	2.93	3.24	3.66	2.64	3.51	2.75	3.16
Total Pipeline Exports	**3.24**	**2.97**	**3.23**	**3.74**	**2.63**	**3.65**	**2.74**	**3.05**
LNG								
Exports								
By Vessel								
Argentina	4.82	--	--	--	4.47	--	--	--
Barbados	10.40	10.40	10.40	10.40	10.12	10.00	10.00	10.00
Brazil	--	--	--	--	4.39	--	--	--
Chile	6.65	6.26	7.18	--	5.30	--	5.64	--
China	--	--	4.92	4.70	4.16	4.50	3.21	--
Dominican Republic	--	5.59	--	--	5.41	--	--	--
Egypt	--	--	--	--	6.46	6.46	--	--
India	--	--	4.06	4.70	4.92	--	5.74	--
Italy	--	--	--	--	6.32	--	6.32	--
Japan	6.92	--	7.18	6.65	3.76	3.76	--	--
Jordan	--	4.42	4.06	6.41	5.11	--	--	3.52
Kuwait	4.19	3.14	5.50	--	4.40	--	--	--
Lithuania	--	--	--	--	--	--	--	--
Malta	--	--	--	4.70	--	--	--	--
Mexico	4.31	5.25	6.40	7.15	4.56	4.14	4.64	--
Netherlands	--	--	--	--	--	--	--	--
Pakistan	--	3.14	--	--	--	--	--	--
Poland	--	--	--	--	--	--	--	--
Portugal	--	--	7.18	7.29	3.58	--	--	--
South Korea	6.39	3.81	--	--	5.75	5.75	--	--
Spain	--	--	7.18	6.28	4.92	--	--	--
Taiwan	--	--	--	--	--	--	--	--
Thailand	--	3.14	--	--	--	--	--	--
Turkey	--	4.60	6.91	--	3.53	3.87	3.30	--
United Arab Emirates	3.80	--	--	--	4.18	--	--	--
United Kingdom	--	--	--	--	--	--	--	--
By Truck								
Canada	--	8.39	--	--	7.50	--	--	7.70
Mexico	8.95	8.64	9.97	9.66	9.81	10.20	9.72	10.06
Re-Exports								
By Vessel								
Argentina	--	--	--	--	4.51	--	--	--
Brazil	--	--	--	--	3.64	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	--	--	--	3.99	--	--	--
Turkey	--	--	--	--	--	--	--	--
Total LNG Exports	**5.16**	**4.47**	**5.99**	**6.44**	**4.71**	**4.68**	**4.58**	**3.65**
CNG								
Canada	3.35	3.32	7.73	12.97	3.30	4.72	2.55	2.53
Total CNG Exports	**3.35**	**3.32**	**7.73**	**12.97**	**3.30**	**4.72**	**2.55**	**2.53**
Total Exports	**3.63**	**3.21**	**3.79**	**4.25**	**2.79**	**3.82**	**3.00**	**3.06**

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							
	September	August	July	June	May	April	March	February
Exports								
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.83	2.65	2.73	2.23	1.98	2.07	1.99	2.34
Mexico	3.06	2.92	2.80	2.46	2.06	2.03	1.88	2.20
Total Pipeline Exports	**2.99**	**2.84**	**2.78**	**2.39**	**2.03**	**2.04**	**1.93**	**2.26**
LNG								
Exports								
By Vessel								
Argentina	--	4.51	--	4.71	--	4.16	--	--
Barbados	10.00	10.00	10.00	10.00	10.00	10.00	15.19	10.00
Brazil	--	5.29	--	--	--	--	3.83	3.54
Chile	--	5.53	5.82	4.69	4.72	--	--	--
China	--	--	5.66	--	--	--	--	--
Dominican Republic	--	5.41	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	5.00	5.01	--	4.77	--	--	3.98	--
Italy	--	--	--	--	--	--	--	--
Japan	--	--	--	--	--	--	--	--
Jordan	5.74	--	5.81	--	--	--	--	--
Kuwait	5.58	--	--	--	3.27	--	--	--
Lithuania	--	--	--	--	--	--	--	--
Malta	--	--	--	--	--	--	--	--
Mexico	5.53	4.23	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--
Pakistan	--	--	--	--	--	--	--	--
Poland	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	3.58	--	--
South Korea	--	--	--	--	--	--	--	--
Spain	--	--	4.92	--	--	--	--	--
Taiwan	--	--	--	--	--	--	--	--
Thailand	--	--	--	--	--	--	--	--
Turkey	3.41	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	4.18	--
United Kingdom	--	--	--	--	--	--	--	--
By Truck								
Canada	--	--	--	--	--	--	--	--
Mexico	9.78	9.72	9.76	9.43	9.67	8.99	8.96	10.16
Re-Exports								
By Vessel								
Argentina	--	4.51	--	--	--	--	--	--
Brazil	--	4.57	--	--	--	--	--	3.54
Egypt	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	3.98	--
Turkey	--	--	--	--	--	--	--	--
Total LNG Exports	**5.11**	**5.13**	**5.63**	**4.72**	**4.21**	**3.96**	**4.01**	**3.59**
CNG								
Canada	--	--	3.88	2.80	3.22	2.58	3.05	2.42
Total CNG Exports	**--**	**--**	**3.88**	**2.80**	**3.22**	**2.58**	**3.05**	**2.42**
Total Exports	**3.16**	**3.13**	**3.02**	**2.60**	**2.15**	**2.15**	**2.04**	**2.28**

See footnotes at end of table.

Table 5

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

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

	2016							2015
	January	Total	December	November	October	September	August	July
Exports								
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.66	3.15	2.30	2.50	2.76	2.97	2.97	2.84
Mexico	2.45	2.81	2.30	2.26	2.61	2.77	3.00	3.01
Total Pipeline Exports	**2.54**	**2.95**	**2.30**	**2.36**	**2.66**	**2.84**	**2.99**	**2.96**
LNG								
Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--
Japan	--	7.50	--	--	6.51	--	7.90	8.08
Jordan	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--
Malta	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--
Pakistan	--	--	--	--	--	--	--	--
Poland	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--
South Korea	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--
Taiwan	--	7.49	--	--	--	7.16	--	--
Thailand	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--
By Truck								
Canada	7.41	12.36	--	6.81	--	10.18	--	13.39
Mexico	10.96	10.44	10.90	10.59	10.48	9.81	9.94	9.96
Re-Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Brazil	--	15.20	--	--	--	--	--	--
Egypt	--	16.71	--	16.71	--	--	--	--
India	--	--	--	--	--	--	--	--
Turkey	--	15.99	15.99	--	--	--	--	--
Total LNG Exports	**10.74**	**10.92**	**15.95**	**16.67**	**6.53**	**7.17**	**7.91**	**8.10**
CNG								
Canada	5.09	5.73	5.46	4.80	3.42	--	2.08	2.91
Total CNG Exports	**5.09**	**5.73**	**5.46**	**4.80**	**3.42**	**--**	**2.08**	**2.91**
Total Exports	**2.54**	**3.07**	**2.57**	**2.63**	**2.73**	**2.92**	**3.09**	**3.06**

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
	June	May	April	March	February	January
Exports						
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	2.85	2.85	2.91	3.71	4.39	3.63
Mexico	2.94	2.86	2.77	3.03	3.10	3.38
Total Pipeline Exports	**2.91**	**2.85**	**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	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--
Malta	--	--	--	--	--	--
Mexico	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--
Pakistan	--	--	--	--	--	--
Poland	--	--	--	--	--	--
Portugal	--	--	--	--	--	--
South Korea	--	--	--	--	--	--
Spain	--	--	--	--	--	--
Taiwan	7.80	7.50	--	--	--	--
Thailand	--	--	--	--	--	--
Turkey	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--
By Truck						
Canada	12.01	12.14	11.88	12.77	12.77	13.27
Mexico	10.01	9.96	10.03	10.52	10.62	11.27
Re-Exports						
By Vessel						
Argentina	--	--	--	--	--	--
Brazil	--	--	--	--	12.89	17.44
Egypt	--	--	--	--	--	--
India	--	--	--	--	--	--
Turkey	--	--	--	--	--	--
Total LNG Exports	**7.82**	**7.53**	**10.53**	**11.10**	**12.87**	**17.39**
CNG						
Canada	2.44	2.37	3.35	10.08	10.53	11.89
Total CNG Exports	**2.44**	**2.37**	**3.35**	**10.08**	**10.53**	**11.89**
Total Exports	**3.01**	**2.95**	**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

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	**3,229,968**	**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	RE62,084	E17,262	E143,020	E19,255	E152,924	E4,050	E105,047	E48,508	E132,523
February	275,044	RE56,403	E15,322	E130,148	E17,565	E144,401	E3,718	E97,492	E47,993	E122,279
March	308,109	E61,907	E16,909	E142,549	E19,215	E165,872	E4,050	E109,033	E54,226	E131,234
April	286,950	E59,935	E16,607	E136,337	E18,233	E157,147	E3,963	E107,907	E55,399	E130,878
May	286,688	E61,145	E17,293	E138,439	E18,516	E164,615	E4,128	E112,597	E57,699	E134,785
June	248,820	E58,505	E16,855	E134,382	E18,353	E170,555	E3,983	E108,686	E55,694	E139,251
July	205,716	RE58,908	RE17,599	RE140,105	RE18,873	RE180,478	RE4,128	RE112,374	RE58,527	RE156,236
August	221,588	RE58,520	RE17,664	RE143,258	RE18,565	RE183,882	RE4,140	RE111,846	RE59,994	RE159,987
September	255,360	E55,929	E17,083	E140,001	E18,029	E189,762	E3,900	E111,510	E57,993	E160,010
2017 9-Month YTD	**2,389,781**	**E533,336**	**E152,595**	**E1,248,238**	**E166,604**	**E1,509,636**	**E36,061**	**E976,493**	**E496,032**	**E1,267,183**
2016 9-Month YTD	**2,355,547**	**631,609**	**155,515**	**1,270,398**	**185,429**	**1,322,412**	**39,362**	**959,639**	**454,881**	**1,063,520**
2015 9-Month YTD	**2,302,049**	**768,279**	**181,679**	**1,257,794**	**217,630**	**1,362,961**	**43,946**	**972,510**	**431,066**	**691,860**

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	741,599	37,062	110,271	178,061	53,214	107,681	2,790,052
February	186,741	370,836	681,889	33,962	99,105	151,128	47,912	95,373	2,520,509
March	216,067	413,155	758,560	39,205	113,858	170,497	51,938	96,915	2,827,524
April	209,983	392,752	737,351	37,609	111,323	167,277	50,048	108,387	2,758,730
May	214,639	391,332	754,727	38,022	118,474	167,304	51,583	112,773	2,790,849
June	211,079	376,856	728,514	36,200	111,890	164,163	50,864	106,744	2,660,158
July	217,883	401,777	754,259	36,152	111,602	167,442	51,863	118,085	2,756,222
August	213,529	409,771	749,458	32,688	114,734	168,011	51,915	120,511	2,744,748
September	204,298	398,110	725,565	30,658	111,675	163,194	50,133	117,390	2,721,449
October	209,342	407,234	739,568	31,148	108,349	168,674	51,591	112,082	2,806,078
November	201,517	409,344	709,572	30,470	97,462	163,878	49,369	102,391	2,726,220
December	207,703	433,795	718,403	33,843	106,504	166,291	50,926	109,310	2,812,110
Total	**2,499,599**	**4,812,983**	**8,799,465**	**417,020**	**1,315,248**	**1,995,920**	**611,356**	**1,307,641**	**32,914,647**
2016									
January	214,000	450,922	708,909	33,693	114,272	163,252	49,962	106,112	2,828,428
February	201,258	433,902	665,272	30,758	108,093	150,993	47,296	98,278	2,656,151
March	214,561	452,300	709,251	32,962	112,282	163,979	50,258	108,373	2,828,024
April	203,524	434,079	681,995	31,448	110,827	155,671	47,212	98,924	2,680,613
May	211,836	461,572	701,425	31,673	114,948	153,542	48,932	107,842	2,786,681
June	202,081	439,006	679,161	29,665	104,295	152,482	46,178	95,084	2,636,140
July	210,617	447,965	695,856	30,310	119,222	143,848	47,887	100,667	2,730,488
August	211,218	441,382	691,089	30,265	119,208	145,507	47,558	103,426	2,725,751
September	202,202	422,298	652,653	28,814	114,934	151,793	46,095	94,916	2,630,104
October	206,225	425,641	668,817	29,150	118,134	160,068	47,174	101,986	2,718,264
November	195,366	439,688	638,439	27,742	116,078	152,693	45,985	99,189	2,672,624
December	195,424	464,502	640,971	28,185	122,817	154,317	46,387	105,226	2,742,243
Total	**2,468,312**	**5,313,258**	**8,133,837**	**364,665**	**1,375,108**	**1,848,145**	**570,925**	**1,220,022**	**32,635,511**
2017									
January	E193,927	E461,677	E642,478	E27,708	E123,989	E141,236	E46,615	RE103,146	RE2,726,954
February	E179,163	E419,527	E593,768	E25,035	E112,378	E130,019	E41,766	RE91,716	RE2,503,737
March	E207,995	E459,647	E648,931	E27,670	E126,645	E144,709	E45,844	RE103,134	RE2,777,679
April	E203,362	E447,620	E632,883	E26,517	E121,705	E141,143	E43,986	RE91,107	RE2,681,680
May	E207,889	E457,732	E665,833	E27,345	E131,952	E141,295	E45,363	RE96,442	RE2,769,754
June	E203,690	E443,171	E650,017	E26,136	E130,111	E141,289	E43,193	RE88,914	RE2,681,604
July	RE213,003	RE457,136	RE682,119	E26,211	E136,091	RE144,476	RE42,314	RE95,806	RE2,750,099
August	RE217,254	RE450,265	RE668,362	RE26,116	E141,699	RE145,405	RE43,772	RE89,861	RE2,762,177
September	E210,276	E444,254	E656,087	E25,164	E137,555	E141,647	E41,435	E89,970	E2,755,967
2017 9-Month YTD	**E1,836,559**	**E4,041,028**	**E5,840,479**	**E237,903**	**E1,162,122**	**E1,271,219**	**E394,287**	**E850,096**	**E24,409,652**
2016 9-Month YTD	**1,871,297**	**3,983,427**	**6,185,611**	**279,588**	**1,018,080**	**1,381,067**	**431,378**	**913,622**	**24,502,380**
2015 9-Month YTD	**1,881,036**	**3,562,609**	**6,631,923**	**321,558**	**1,002,934**	**1,497,077**	**459,471**	**983,859**	**24,570,240**

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

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	78,977	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	RE62,084	E17,262	E143,020	E19,255	E152,236	E4,050	E100,436	E40,456	E132,523
February	28,145	RE56,403	E15,322	E130,148	E17,565	E143,751	E3,718	E93,212	E40,026	E122,279
March	31,344	E61,907	E16,909	E142,549	E19,215	E165,126	E4,050	E104,247	E45,224	E131,234
April	30,373	E59,935	E16,607	E136,337	E18,233	E156,440	E3,963	E103,170	E46,203	E130,878
May	30,399	E61,145	E17,293	E138,439	E18,516	E163,874	E4,128	E107,654	E48,121	E134,785
June	27,509	E58,505	E16,855	E134,382	E18,353	E169,788	E3,983	E103,915	E46,449	E139,251
July	24,025	RE58,908	RE17,599	RE140,105	RE18,873	RE179,666	RE4,128	RE107,440	RE48,811	RE156,236
August	24,427	RE58,520	RE17,664	RE143,258	RE18,565	RE183,054	RE4,140	RE106,936	RE50,035	RE159,987
September	27,205	E55,929	E17,083	E140,001	E18,029	E188,908	E3,900	E106,615	E48,366	E160,010
2017 9-Month YTD	**254,449**	**E533,336**	**E152,595**	**E1,248,238**	**E166,604**	**E1,502,843**	**E36,061**	**E933,625**	**E413,691**	**E1,267,183**
2016 9-Month YTD	**242,159**	**631,609**	**155,515**	**1,270,398**	**185,429**	**1,315,726**	**35,920**	**931,985**	**399,755**	**1,063,520**
2015 9-Month YTD	**253,812**	**768,279**	**181,679**	**1,257,794**	**217,630**	**1,357,066**	**38,424**	**932,195**	**342,417**	**691,860**

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	666,792	37,062	110,271	162,702	51,564	105,908	2,420,352
February	186,741	370,836	615,252	33,962	99,105	137,164	46,428	94,048	2,196,987
March	216,067	413,155	678,110	39,205	113,858	154,586	50,405	95,632	2,443,119
April	209,983	392,752	665,298	37,609	111,323	151,397	48,479	107,100	2,398,440
May	214,639	391,332	674,199	38,022	118,474	150,918	49,984	111,365	2,442,713
June	211,079	376,856	657,920	36,200	111,890	148,776	49,267	105,365	2,358,416
July	217,883	401,777	673,973	36,152	111,602	151,349	50,213	116,654	2,444,753
August	213,529	409,771	667,422	32,688	114,734	152,364	50,234	119,136	2,447,534
September	204,298	398,110	654,404	30,658	111,675	147,401	48,523	116,224	2,383,531
October	209,342	407,234	660,397	31,148	108,349	152,745	49,991	110,894	2,445,042
November	201,517	409,344	630,975	30,470	97,462	148,602	47,893	101,386	2,356,237
December	207,703	433,795	645,718	33,843	106,504	150,515	49,392	108,235	2,434,920
Total	**2,499,599**	**4,812,983**	**7,890,459**	**417,020**	**1,315,248**	**1,808,519**	**592,373**	**1,291,945**	**28,772,044**
2016									
January	214,000	450,922	621,895	33,693	114,272	147,540	48,697	104,894	2,442,885
February	201,258	433,902	594,949	30,758	108,093	137,354	46,203	97,179	2,314,623
March	214,561	452,300	623,228	32,962	112,282	148,539	49,086	107,359	2,448,690
April	203,524	434,079	612,801	31,448	110,827	141,626	46,163	97,916	2,366,297
May	211,836	461,572	618,225	31,673	114,948	138,412	47,849	106,892	2,433,449
June	202,081	439,006	602,560	29,665	104,295	136,951	45,212	93,696	2,322,854
July	210,617	447,965	627,045	30,310	119,222	130,313	46,882	98,938	2,420,694
August	211,218	441,382	611,890	30,265	119,208	131,826	46,574	102,366	2,395,119
September	202,202	422,298	578,140	28,814	114,934	135,706	45,129	93,821	2,303,650
October	206,225	425,641	588,224	29,150	118,134	143,125	46,229	100,914	2,364,909
November	195,366	439,688	562,035	27,742	116,078	136,183	45,034	98,184	2,309,723
December	195,424	464,502	562,020	28,185	122,817	137,030	45,531	104,171	2,356,396
Total	**2,468,312**	**5,313,258**	**7,203,012**	**364,665**	**1,375,108**	**1,664,604**	**558,589**	**1,206,328**	**28,479,288**
2017									
January	E193,927	E461,677	E554,138	E27,708	E123,989	E128,115	E45,608	RE101,650	RE2,339,155
February	E179,163	E419,527	E512,125	E25,035	E112,378	E117,940	E40,864	RE90,386	RE2,147,988
March	E207,995	E459,647	E559,703	E27,670	E126,645	E131,265	E44,854	RE101,639	RE2,381,223
April	E203,362	E447,620	E545,862	E26,517	E121,705	E128,031	E43,036	RE89,786	RE2,308,058
May	E207,889	E457,732	E574,281	E27,345	E131,952	E128,168	E44,383	RE95,044	RE2,391,147
June	E203,690	E443,171	E560,639	E26,136	E130,111	E128,163	E42,260	RE87,624	RE2,340,784
July	RE213,003	RE457,136	RE588,328	E26,211	E136,091	RE131,054	RE41,400	RE94,417	RE2,443,431
August	RE217,254	RE450,265	RE576,462	RE26,116	E141,699	RE131,897	RE42,826	RE88,558	RE2,441,663
September	E210,276	E444,254	E565,875	E25,164	E137,555	E128,488	E40,540	E88,666	E2,406,866
2017 9-Month YTD	**E1,836,559**	**E4,041,028**	**E5,037,413**	**E237,903**	**E1,162,122**	**E1,153,122**	**E385,771**	**E837,770**	**E21,200,313**
2016 9-Month YTD	**1,871,297**	**3,983,427**	**5,490,733**	**279,588**	**1,018,080**	**1,248,266**	**421,795**	**903,059**	**21,448,260**
2015 9-Month YTD	**1,881,036**	**3,562,609**	**5,953,369**	**321,558**	**1,002,934**	**1,356,657**	**445,097**	**971,430**	**21,535,846**

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

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: Base Gas	Working Gas	Total[a]	Change in Working Gas from Same Period Previous Year: Volume	Percent	Storage Activity: 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	4,368	2,407	6,776	482	25.1	70	795	725
February	4,368	1,666	6,034	466	38.8	62	803	742
March	4,369	1,471	5,841	614	71.6	182	376	193
April	4,369	1,793	6,162	727	68.1	405	84	-321
May	4,371	2,287	6,658	739	47.8	541	44	-496
June	4,375	2,647	7,022	641	32.0	430	68	-362
July	4,380	2,924	7,305	524	21.9	379	95	-284
August	4,372	3,242	7,614	473	17.1	394	85	-309
September	4,373	3,614	7,987	427	13.4	435	63	-372
October	4,374	3,942	8,316	355	9.9	401	70	-331
November	4,376	3,927	8,303	500	14.6	201	214	12
December	4,372	3,667	8,038	525	16.7	138	403	264
Total	--	--	--	--	--	**3,638**	**3,100**	**-539**
2016								
January	4,369	2,938	7,307	531	22.1	66	795	729
February	4,369	2,534	6,904	869	52.2	111	515	403
March	4,360	2,486	6,847	1,015	69.0	215	264	49
April	4,364	2,646	7,009	852	47.5	294	130	-164
May	4,366	2,966	7,332	679	29.7	402	74	-329
June	4,369	3,186	7,555	539	20.4	316	94	-222
July	4,369	3,318	7,687	394	13.5	283	150	-133
August	4,369	3,441	7,811	200	6.2	285	162	-124
September	4,369	3,705	8,074	91	2.5	351	88	-262
October	4,371	4,013	8,384	70	1.8	387	78	-308
November	4,372	3,977	8,349	50	1.3	178	213	35
December	4,380	3,297	7,677	-370	-10.1	87	762	676
Total	--	--	--	--	--	**2,977**	**3,325**	**348**
2017								
January	4,379	2,623	7,002	-315	-10.7	101	776	675
February	4,378	2,338	6,716	-196	-7.7	131	416	285
March	4,379	2,063	6,442	-423	-17.0	167	443	275
April	4,380	2,292	6,672	-353	-13.4	341	111	-230
May	4,386	2,627	7,013	-339	-11.4	423	82	-341
June	4,355	2,908	7,263	-278	-8.7	387	106	-281
July	4,357	3,055	7,412	-263	-7.9	310	160	-150
August	[R]4,356	3,250	[R]7,606	-191	-5.6	355	160	[R]-196
September	4,356	3,568	7,924	-137	-3.7	423	107	-317

[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.

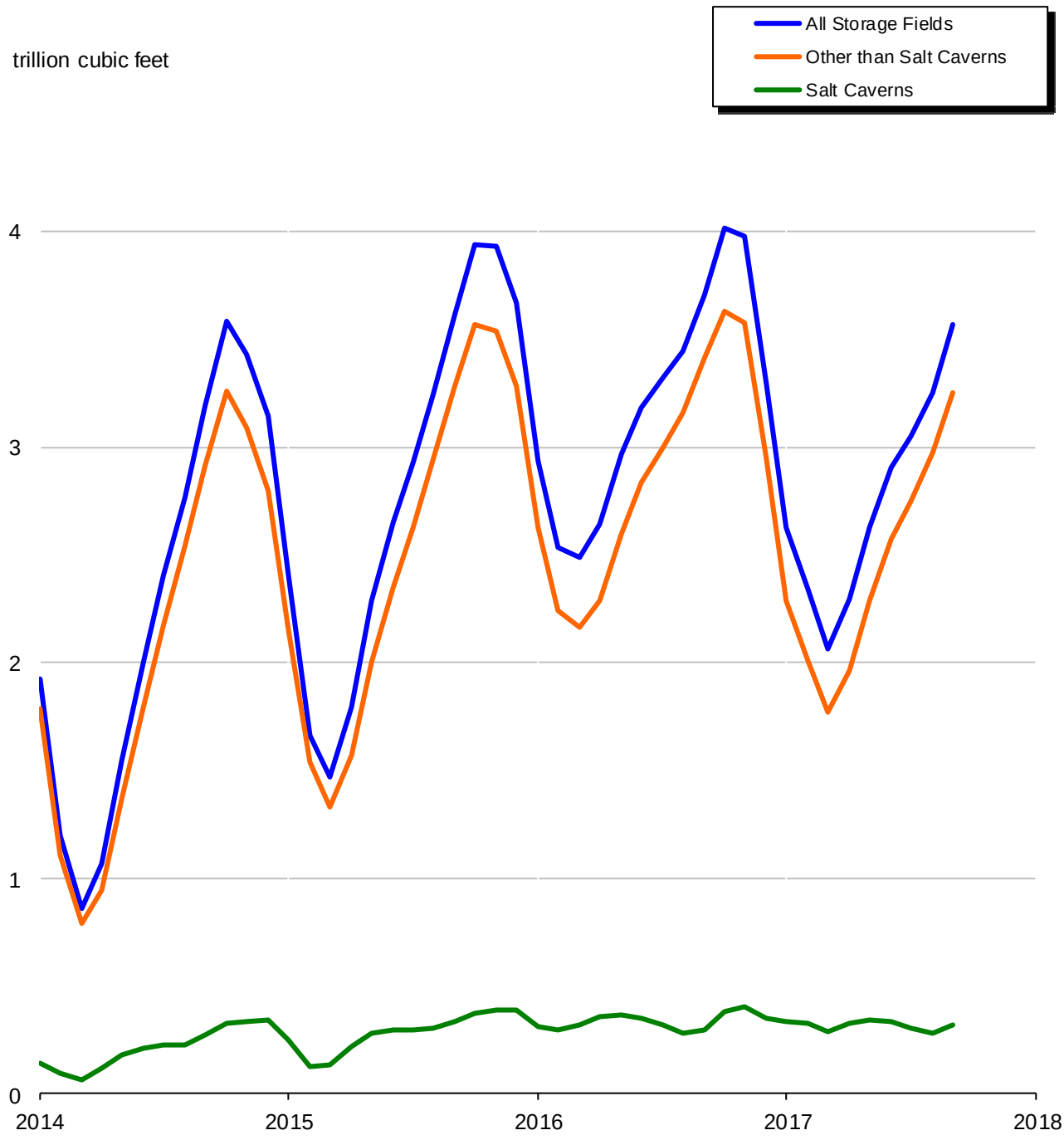
-- Not applicable.

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

Figure 5. Working gas in underground natural gas storage in the United States, 2014-2017



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

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	4,369	1,793	6,162	727	68.1	405	84	-321
May	4,371	2,287	6,658	739	47.8	541	44	-496
June	4,375	2,647	7,022	641	32.0	430	68	-362
July	4,380	2,924	7,305	524	21.9	379	95	-284
August	4,372	3,242	7,614	473	17.1	394	85	-309
September	4,373	3,614	7,987	427	13.4	435	63	-372
October	4,374	3,942	8,316	355	9.9	401	70	-331
Total	--	--	--	--	--	**2,985**	**510**	**-2,475**
2016 Heating Season								
November	4,376	3,927	8,303	500	14.6	201	214	12
December	4,372	3,667	8,038	525	16.7	138	403	264
January	4,369	2,938	7,307	531	22.1	66	795	729
February	4,369	2,534	6,904	869	52.2	111	515	403
March	4,360	2,486	6,847	1,015	69.0	215	264	49
Total	--	--	--	--	--	**732**	**2,189**	**1,457**
2016 Refill Season								
April	4,364	2,646	7,009	852	47.5	294	130	-164
May	4,366	2,966	7,332	679	29.7	402	74	-329
June	4,369	3,186	7,555	539	20.4	316	94	-222
July	4,369	3,318	7,687	394	13.5	283	150	-133
August	4,369	3,441	7,811	200	6.2	285	162	-124
September	4,369	3,705	8,074	91	2.5	351	88	-262
October	4,371	4,013	8,384	70	1.8	387	78	-308
Total	--	--	--	--	--	**2,319**	**776**	**-1,543**
2017 Heating Season								
November	4,372	3,977	8,349	50	1.3	178	213	35
December	4,380	3,297	7,677	-370	-10.1	87	762	676
January	4,379	2,623	7,002	-315	-10.7	101	776	675
February	4,378	2,338	6,716	-196	-7.7	131	416	285
March	4,379	2,063	6,442	-423	-17.0	167	443	275
Total	--	--	--	--	--	**664**	**2,610**	**1,946**
2017 Refill Season								
April	4,380	2,292	6,672	-353	-13.4	341	111	-230
May	4,386	2,627	7,013	-339	-11.4	423	82	-341
June	4,355	2,908	7,263	-278	-8.7	387	106	-281
July	4,357	3,055	7,412	-263	-7.9	310	160	-150
August	[R]4,356	3,250	[R]7,606	-191	-5.6	355	160	[R]-196
September	4,356	3,568	7,924	-137	-3.7	423	107	-317

[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)

	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
Year and Month	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	187	252	439	110	76.8	24	105	81
February	187	127	314	32	33.6	15	140	125
March	187	138	325	70	102.8	58	46	-12
April	187	221	407	101	84.9	95	13	-82
May	188	283	471	104	58.2	81	17	-64
June	190	297	487	89	42.4	44	29	-15
July	190	297	487	71	31.4	37	37	*
August	190	301	491	72	31.4	36	32	-4
September	190	333	523	62	22.8	55	24	-31
October	190	376	566	45	13.6	67	24	-43
November	190	389	579	54	16.1	50	37	-13
December	190	387	577	46	13.6	44	46	2
Total	--	--	--	--	--	**606**	**550**	**-56**
2016								
January	189	312	501	60	23.7	29	105	76
February	190	295	485	168	132.8	42	58	16
March	190	322	513	184	133.0	67	39	-28
April	191	358	550	138	62.4	66	27	-38
May	192	368	560	84	29.8	46	35	-10
June	192	348	541	51	17.1	26	45	19
July	192	319	511	22	7.3	32	62	29
August	193	281	474	-20	-6.5	33	69	37
September	194	295	489	-38	-11.3	52	37	-14
October	194	383	577	7	1.9	115	26	-89
November	195	402	598	13	3.4	47	28	-20
December	195	349	544	-39	-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
August	198	279	476	-2	-0.9	44	69	24
September	197	317	515	22	7.6	83	45	-38
2017 9-Month YTD	--	--	--	--	--	**479**	**508**	**29**
2016 9-Month YTD	--	--	--	--	--	**392**	**478**	**87**
2015 9-Month YTD	--	--	--	--	--	**445**	**443**	**-2**

[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.

* Volume is between -500 MMcf and 500 MMcf.

-- 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 11

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	2,285	6,469	-341	-13.0	44	708	664
February	4,183	2,010	6,194	-229	-10.2	94	369	275
March	4,183	1,772	5,955	-392	-18.1	124	364	239
April	4,183	1,966	6,149	-321	-14.0	273	79	-194
May	4,189	2,285	6,474	-314	-12.1	365	40	-325
June	4,159	2,569	6,727	-269	-9.5	338	53	-285
July	4,159	2,751	6,910	-248	-8.3	272	88	-184
August	4,159	2,971	7,130	-189	-6.0	311	91	-220
September	4,159	3,250	7,409	-160	-4.7	340	62	-279
2017 9-Month YTD	--	--	--	--	--	**2,161**	**1,853**	**-308**
2016 9-Month YTD	--	--	--	--	--	**1,934**	**1,793**	**-141**
2015 9-Month YTD	--	--	--	--	--	**2,453**	**1,970**	**-483**

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

[b] Total as of December 31.

-- Not applicable.

Notes: Data for 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 September	August	July	June	May	April	March
Alabama	-561	3,628	3,386	498	169	-1,292	1,420
Alaska[a]	-1,624	-2,476	-2,424	-2,108	-1,525	-1,076	1,572
Arkansas	-582	-574	-647	-581	-595	-272	772
California	-12,170	1,131	-6,825	-13,932	-23,443	-16,166	-17,257
Colorado	-6,013	-2,922	-5,245	-5,660	-4,519	-1,374	1,199
Illinois	-41,306	-34,888	-25,184	-32,389	-17,012	4,438	35,264
Indiana	-2,352	-2,191	-2,486	-2,960	-1,664	-501	2,040
Iowa	-19,446	-11,805	-1,696	-1,917	-1,579	1,288	5,165
Kansas	-5,422	656	-2,088	-4,611	-14,016	-10,252	5,246
Kentucky	-8,402	-1,317	5,583	1,693	-8,818	-12,511	5,772
Louisiana	-23,167	3,696	1,007	-5,268	-19,430	-21,998	23,900
Maryland	-1,395	-2,626	-2,873	-2,241	-3,128	-280	3,170
Michigan	-52,348	-54,494	-38,760	-57,334	-55,198	-39,909	63,573
Minnesota	-242	-244	-220	-190	-63	36	342
Mississippi	-17,129	4,919	14,904	-476	-3,259	-8,395	6,585
Missouri	-432	*	0	*	0	*	100
Montana	-4,091	-2,393	-3,558	-4,182	-4,160	-2,002	1,137
Nebraska	-1,206	-564	-935	182	-1,017	-979	-287
New Mexico	241	2,883	1,623	68	-1,257	-1,704	-2,779
New York	-13,746	-15,700	-8,367	-12,765	-7,272	-5,894	17,047
Ohio	-22,590	-24,349	-26,059	-26,200	-18,721	-5,818	27,859
Oklahoma	-4,340	R1,626	1,039	-10,437	-13,581	-4,742	-5,893
Oregon	-899	-702	-545	-1,472	-3,170	-336	-2,364
Pennsylvania	-33,239	-47,206	-37,135	-46,732	-51,111	-33,170	70,898
Tennessee	-42	11	8	-41	-32	-29	-5
Texas	-16,898	19,068	18,244	-15,267	-37,200	-30,805	1,147
Utah	-4,342	-1,449	-3,718	-5,162	-7,294	-2,628	-518
Virginia	-761	-317	349	45	-513	-310	689
Washington	-3,610	-2,225	329	-2,739	-5,577	-2,596	1,556
West Virginia	-17,030	-24,959	-26,009	-26,523	-33,844	-30,240	27,775
Wyoming	-1,390	172	-1,694	-2,290	-1,936	-632	234
Regions							
East Region	-88,761	-115,156	-100,093	-114,416	-114,589	-75,713	147,438
South Central Region	-68,100	R33,018	35,847	-36,143	-87,911	-77,757	33,177
Midwest Region	-124,569	-104,928	-62,755	-93,139	-84,366	-47,188	112,250
Mountain Region	-16,801	-4,273	-13,527	-17,044	-20,183	-9,318	-1,014
Pacific Region	-16,679	-1,795	-7,040	-18,142	-32,191	-19,098	-18,066
Total Lower 48 States	**-314,911**	**R-193,134**	**-147,568**	**-278,884**	**-339,239**	**-229,075**	**273,786**
U.S. Total	**-316,535**	**R-195,610**	**-149,992**	**-280,991**	**-340,764**	**-230,151**	**275,358**

See footnotes at end of table.

Table 12

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

(million cubic feet) – continued

State	2017 February	2017 January	2016 Total	2016 December	2016 November	2016 October	2016 September
Alabama	-1,005	-254	1,019	3,462	-2,161	-5,368	-597
Alaska[a]	1,409	2,213	-8,322	1,789	872	139	-1,321
Arkansas	66	418	-1,666	739	-86	-152	-318
California	4,304	50,405	39,603	43,736	1,937	-8,590	-3,383
Colorado	4,859	10,983	-4,606	11,693	-1,452	-7,324	-5,111
Illinois	42,917	59,371	5,282	53,639	623	-37,807	-41,363
Indiana	3,067	5,972	3,478	4,712	-1,533	-2,257	-2,199
Iowa	8,052	15,571	6,414	22,217	5,150	-18,715	-18,041
Kansas	2,192	18,823	8,377	21,467	876	-5,573	-8,157
Kentucky	7,787	16,622	9,205	16,756	51	-4,545	-4,548
Louisiana	11,892	22,369	39,572	42,587	-3,970	-51,370	-11,031
Maryland	2,048	3,915	2,916	2,604	893	133	-150
Michigan	47,176	108,702	57,601	108,495	17,034	-27,683	-54,745
Minnesota	450	321	38	44	14	-104	-197
Mississippi	1,802	10,041	26,635	24,501	1,560	-24,918	-3,355
Missouri	-20	163	-156	365	-210	-405	-290
Montana	4,042	7,075	-7,364	8,305	2,401	-782	-2,191
Nebraska	1,408	2,844	785	2,171	721	-1,221	-1,132
New Mexico	1,321	4,466	669	4,345	-1,195	-1,530	75
New York	12,369	20,857	19,233	20,132	4,697	-7,006	-12,209
Ohio	22,619	36,350	17,390	41,276	14,460	-10,323	-22,602
Oklahoma	3,193	35,389	11,957	30,817	-5,705	-11,783	-2,082
Oregon	606	4,500	1,381	5,032	406	-1,086	-266
Pennsylvania	54,306	82,560	68,344	70,114	10,492	-16,859	-43,300
Tennessee	14	31	-66	71	-14	-34	2
Texas	6,329	78,122	38,656	65,863	-17,919	-50,646	112
Utah	5,334	11,889	-1,208	12,286	-466	-1,542	-3,455
Virginia	685	180	189	212	-211	-163	-185
Washington	4,022	6,908	-2,216	3,465	448	-109	-3,266
West Virginia	29,958	49,893	22,407	44,092	10,686	-7,057	-15,425
Wyoming	1,737	8,000	-7,349	8,555	-3,105	-3,717	-1,656
Regions							
East Region	121,986	193,754	130,479	178,429	41,017	-41,275	-93,871
South Central Region	24,469	164,908	124,549	189,436	-27,405	-149,809	-25,428
Midwest Region	109,443	206,754	81,797	206,299	21,114	-91,550	-121,381
Mountain Region	18,701	45,258	-19,074	47,355	-3,096	-16,117	-13,469
Pacific Region	8,931	61,813	38,769	52,233	2,790	-9,785	-6,916
Total Lower 48 States	**283,530**	**672,486**	**356,520**	**673,752**	**34,420**	**-308,536**	**-261,066**
U.S. Total	**284,938**	**674,699**	**348,198**	**675,541**	**35,292**	**-308,397**	**-262,387**

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016 August	July	June	May	April	March	February
Alabama	2,250	3,115	1,486	-1,536	-3,383	-323	-713
Alaska[a]	-1,997	-1,976	-1,468	-1,957	-1,441	-451	-459
Arkansas	-564	-517	-724	-801	-444	438	328
California	4,248	769	-7,766	-16,700	-17,261	-4,805	7,203
Colorado	-3,745	-4,892	-5,512	-5,498	1,334	3,688	2,412
Illinois	-33,535	-28,440	-32,072	-26,284	4,551	26,092	50,274
Indiana	-1,850	-1,850	-2,226	-2,905	527	1,694	5,259
Iowa	-14,078	-1,925	-2,856	-2,349	2,150	4,762	10,674
Kansas	-2,098	-7,378	-4,701	-13,272	-7,171	-4,070	11,913
Kentucky	-128	-2,707	-2,776	-8,262	-16,117	2,150	9,656
Louisiana	18,506	16,049	-2,585	-11,540	-20,296	-14,011	21,175
Maryland	-1,397	-1,133	-3,022	-1,671	716	-342	2,294
Michigan	-36,754	-35,799	-52,688	-65,480	-13,874	30,025	80,654
Minnesota	-228	-205	-174	-76	7	515	127
Mississippi	2,651	7,130	1,758	-7,184	-6,394	-12,187	6,944
Missouri	*	0	0	0	0	119	-168
Montana	-3,465	-3,260	-4,908	-5,202	-3,943	-770	2,057
Nebraska	-90	-151	-16	-1,099	-630	-103	549
New Mexico	167	659	-391	-1,615	-1,170	-1,658	1,413
New York	-3,017	-3,467	-6,284	-11,257	-1,560	2,483	14,571
Ohio	-23,658	-25,774	-26,258	-21,537	-5,040	17,603	32,160
Oklahoma	1,055	-3,398	-3,069	-15,348	-9,402	-5,923	10,070
Oregon	-16	-887	-511	-2,228	-1,027	-362	481
Pennsylvania	-18,752	-21,094	-36,463	-32,012	-5,601	11,919	62,426
Tennessee	2	3	-38	-27	-17	-32	-6
Texas	21,348	18,530	7,624	-29,546	-38,115	-19,445	24,128
Utah	-2,871	-2,671	-4,887	-7,374	-814	-1,928	3,685
Virginia	-504	73	-46	-242	-508	135	17
Washington	-2,091	-788	-1,834	-4,392	-2,918	1,935	5,854
West Virginia	-22,388	-29,308	-25,938	-27,301	-14,249	11,571	35,666
Wyoming	-769	-1,773	-3,980	-3,858	-2,386	-139	2,448
Regions							
East Region	-69,715	-80,704	-98,011	-94,019	-26,242	43,370	147,134
South Central Region	43,149	33,529	-212	-79,227	-85,205	-55,521	73,846
Midwest Region	-86,571	-70,923	-92,831	-105,382	-22,774	65,327	156,470
Mountain Region	-10,773	-12,088	-19,694	-24,646	-7,610	-910	12,562
Pacific Region	2,142	-906	-10,112	-23,319	-21,206	-3,232	13,538
Total Lower 48 States	**-121,769**	**-131,091**	**-220,859**	**-326,593**	**-163,038**	**49,034**	**403,550**
U.S. Total	**-123,765**	**-133,067**	**-222,328**	**-328,551**	**-164,479**	**48,583**	**403,091**

See footnotes at end of table.

Table 12

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

(million cubic feet) – continued

State	2016 January	Total	December	November	October	September	2015 August
Alabama	4,787	-3,817	-249	-1,217	-415	-2,416	1,057
Alaska[a]	-50	782	140	197	-52	92	-108
Arkansas	434	-1,046	-127	-283	-212	-141	-403
California	40,217	-2,698	44,087	5,699	-18,709	-6,577	1,758
Colorado	9,800	-5,930	9,420	1,802	-4,141	-5,250	-5,181
Illinois	69,604	-10,603	45,715	-1,164	-36,756	-37,238	-34,172
Indiana	6,106	-4,411	1,569	-1,236	-2,047	-3,878	-3,494
Iowa	19,427	-4,955	16,556	4,637	-14,124	-16,136	-13,614
Kansas	26,541	-11,154	11,377	7,836	-5,912	-14,045	-9,249
Kentucky	19,675	-17,554	7,953	-1,730	-9,465	-7,783	-6,294
Louisiana	56,058	-88,237	8,860	-15,244	-40,257	-33,722	-20,717
Maryland	3,991	-1,304	517	490	-262	-372	-2,786
Michigan	108,415	-87,722	30,889	3,499	-60,050	-75,170	-81,284
Minnesota	315	-78	10	-149	-262	-219	-202
Mississippi	36,129	-28,109	-723	-4,892	-14,206	-16,234	-4,313
Missouri	433	-586	28	-212	-268	-581	0
Montana	4,394	-3,197	3,620	2,456	-1,050	-2,101	-3,445
Nebraska	1,788	-786	979	212	-1,193	-1,296	-965
New Mexico	1,568	-19,897	-616	-2,132	-2,258	-1,275	-1,429
New York	22,150	-15,923	2,020	7	-6,129	-8,376	-8,289
Ohio	47,082	-33,025	19,441	7,717	-11,308	-22,886	-27,651
Oklahoma	26,725	-32,397	8,250	3,951	-13,483	-8,189	-6,183
Oregon	1,845	474	2,338	1,139	-1,330	-1,482	-685
Pennsylvania	87,473	-41,111	11,466	-6,135	-31,589	-38,785	-35,179
Tennessee	25	-453	-54	-102	-93	-64	-59
Texas	56,721	-91,530	6,424	-2,086	-41,913	-35,276	-6,397
Utah	8,830	-8,073	6,185	3,131	-1,402	-4,323	-3,183
Virginia	1,612	-468	48	-270	-545	-623	-508
Washington	1,480	4,545	2,710	3,788	-792	-2,976	-4,747
West Virginia	62,059	-28,151	23,857	2,855	-9,191	-22,829	-30,326
Wyoming	3,031	-1,237	1,646	-255	-1,419	-1,866	-1,115
Regions							
East Region	224,367	-119,981	57,349	4,664	-59,024	-93,873	-104,740
South Central Region	207,396	-256,290	33,813	-11,936	-116,399	-110,024	-46,205
Midwest Region	224,000	-126,362	102,665	3,543	-123,064	-141,069	-139,118
Mountain Region	29,411	-39,121	21,235	5,213	-11,462	-16,112	-15,317
Pacific Region	43,542	2,322	49,135	10,625	-20,831	-11,035	-3,674
Total Lower 48 States	**728,716**	**-539,433**	**264,197**	**12,109**	**-330,780**	**-372,112**	**-309,054**
U.S. Total	**728,666**	**-538,651**	**264,337**	**12,306**	**-330,832**	**-372,021**	**-309,162**

See footnotes at end of table.

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

State	July	June	May	April	March	February	January
							2015
Alabama	-971	-734	-5,684	-6,159	-243	8,440	4,774
Alaska[a]	-171	-78	-71	219	235	185	194
Arkansas	-437	-357	-411	91	234	567	431
California	-8,522	-10,336	-25,451	-16,467	-4,345	-2,750	38,916
Colorado	-5,048	-6,817	-5,045	1,888	920	5,579	5,942
Illinois	-32,685	-29,520	-28,714	1,105	21,193	58,104	63,529
Indiana	-2,687	-2,942	-2,903	-294	2,709	5,238	5,552
Iowa	-2,563	-6,962	-5,355	541	6,384	11,129	14,550
Kansas	-16,737	-11,868	-13,935	-2,777	-721	26,416	18,461
Kentucky	-5,729	-5,537	-9,947	-14,941	2,284	20,181	13,454
Louisiana	-17,892	-16,431	-36,612	-45,037	-1,990	73,436	57,369
Maryland	-2,440	-2,577	-2,522	-254	970	4,876	3,057
Michigan	-74,938	-82,493	-82,150	-42,975	61,590	176,480	138,879
Minnesota	-176	-37	6	6	351	255	337
Mississippi	-2,736	-11,013	-20,437	-30,471	371	40,415	36,131
Missouri	0	*	0	0	-976	1,273	151
Montana	-3,385	-3,128	-2,545	-1,350	-172	3,314	4,588
Nebraska	-77	-1,343	-1,121	-417	669	1,778	1,989
New Mexico	-1,726	-1,306	-2,874	-2,771	-2,404	-1,237	131
New York	-9,553	-15,297	-12,852	-4,764	12,169	17,191	17,951
Ohio	-25,160	-26,651	-31,413	-14,797	19,170	37,546	42,969
Oklahoma	-8,740	-17,758	-30,908	-22,563	1,625	31,015	30,588
Oregon	2	-374	-2,416	116	-732	688	3,212
Pennsylvania	-24,593	-51,105	-62,659	-27,319	48,329	92,652	83,807
Tennessee	-60	-49	-53	-48	-10	96	42
Texas	-1,462	-23,854	-64,583	-68,034	4,146	75,241	66,265
Utah	-5,792	-5,110	-6,367	-512	-197	3,249	6,246
Virginia	-87	-509	-600	793	-1,256	1,821	1,268
Washington	278	122	-4,285	-1,199	2,520	4,712	4,416
West Virginia	-28,865	-25,786	-33,369	-23,204	19,424	41,243	58,043
Wyoming	-1,186	-1,715	-1,151	308	1,217	2,397	1,901
Regions							
East Region	-90,699	-121,926	-143,415	-69,546	98,805	195,328	207,094
South Central Region	-48,975	-82,015	-172,570	-174,950	3,421	255,529	214,020
Midwest Region	-118,838	-127,539	-129,116	-56,605	93,527	272,757	236,494
Mountain Region	-17,214	-19,419	-19,103	-2,853	34	15,081	20,797
Pacific Region	-8,243	-10,588	-32,152	-17,550	-2,557	2,649	46,544
Total Lower 48 States	**-283,969**	**-361,486**	**-496,356**	**-321,505**	**193,230**	**741,344**	**724,949**
U.S. Total	**-284,140**	**-361,564**	**-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 Mcf.

Notes: This table contains total net withdrawals for each of the states with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. EIA publishes weekly estimates of working gas in underground storage by geographical region; 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

Table 13. Activities of underground natural gas storage operators, by state, September 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	16,932	27,382	-1,919	-10.2	2,880	2,319
Alaska[a]	5	83,592	67,915	14,197	38,642	52,839	3,083	8.7	1,707	83
Arkansas	2	21,853	12,178	12,880	4,136	17,016	1,377	49.9	582	*
California	14	603,808	373,236	230,605	272,797	503,402	-7,928	-2.8	20,640	8,471
Colorado	11	139,486	68,174	62,861	49,886	112,746	1,536	3.2	7,352	1,339
Illinois	28	1,004,710	303,613	704,593	211,642	916,235	-8,143	-3.7	41,470	164
Indiana	21	111,721	33,674	77,198	24,109	101,307	43	0.2	2,356	4
Iowa	4	288,210	90,313	197,897	58,023	255,920	-2,284	-3.8	19,447	1
Kansas	16	282,986	122,982	163,984	96,599	260,582	-7,357	-7.1	9,553	4,131
Kentucky	23	221,723	107,572	112,930	81,707	194,638	-18,613	-18.6	9,310	908
Louisiana	19	747,923	456,952	282,256	343,283	625,539	16,690	5.1	55,538	32,371
Maryland	1	64,000	18,300	45,677	15,888	61,565	-223	-1.4	1,500	105
Michigan	44	1,071,608	685,709	386,921	608,440	995,360	-19,351	-3.1	53,389	1,041
Minnesota	1	7,000	2,000	4,848	1,896	6,744	-145	-7.1	242	0
Mississippi	12	334,792	204,713	124,876	124,336	249,212	-10,166	-7.6	24,696	7,566
Missouri	1	13,845	6,000	7,845	6,484	14,329	258	4.1	432	0
Montana	4	376,225	197,477	178,501	35,243	213,744	-1,935	-5.2	4,599	507
Nebraska	1	34,850	12,653	22,197	10,078	32,274	-1,211	-10.7	1,219	13
New Mexico	2	89,100	59,738	29,362	40,041	69,403	-6,483	-13.9	828	1,069
New York	26	245,779	127,487	114,164	102,010	216,174	-4,368	-4.1	15,219	1,473
Ohio	24	575,794	252,140	321,618	185,241	506,860	-8,324	-4.3	23,187	597
Oklahoma	13	376,528	196,675	179,696	151,080	330,776	-16,868	-10.0	10,058	5,718
Oregon	7	29,565	15,935	11,186	17,588	28,774	-25	-0.1	899	0
Pennsylvania	49	763,296	427,661	335,552	346,462	682,014	-22,706	-6.2	44,914	11,675
Tennessee	2	2,400	1,800	878	1,303	2,180	57	4.6	42	*
Texas	36	853,880	549,580	296,981	401,054	698,035	-20,154	-4.8	40,752	23,854
Utah	3	124,509	54,942	69,508	48,122	117,630	-2,393	-4.7	4,436	94
Virginia	2	9,500	5,400	4,100	4,968	9,068	118	2.4	1,166	405
Washington	1	46,900	24,600	22,300	23,308	45,608	208	0.9	3,692	82
West Virginia	31	530,837	268,882	262,617	211,383	474,000	3,107	1.5	19,544	2,514
Wyoming	9	157,744	73,705	67,676	35,011	102,687	-3,351	-8.7	1,805	415
Regions										
East Region	133	2,189,206	1,099,870	1,083,728	865,953	1,949,682	-32,395	-3.6	105,530	16,769
South Central Region	100	2,661,562	1,576,229	1,071,122	1,137,421	2,208,543	-38,397	-3.3	144,061	75,960
Midwest Region	124	2,721,215	1,230,680	1,493,109	993,604	2,486,713	-48,178	-4.6	126,688	2,118
Mountain Region	30	921,914	466,689	430,104	218,381	648,485	-13,836	-6.0	20,238	3,438
Pacific Region	22	680,273	413,771	264,091	313,693	577,784	-7,745	-2.4	25,231	8,553
Total Lower 48 States	**409**	**9,174,170**	**4,787,240**	**4,342,155**	**3,529,052**	**7,871,207**	**-140,551**	**-3.8**	**421,748**	**106,837**
U.S. Total	**414**	**9,257,762**	**4,855,155**	**4,356,352**	**3,567,693**	**7,924,046**	**-137,468**	**-3.7**	**423,455**	**106,920**

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

* Volume is less than 500 Mcf.

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 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	September	August	July	June	2017 May
Alabama	NA	20,862	26,215	753	669	692	NA	NA
Alaska	13,537	10,792	12,144	893	601	552	656	984
Arizona	NA	26,391	23,369	1,147	1,012	1,102	1,326	1,783
Arkansas	15,532	18,619	25,628	552	521	537	584	896
California	NA	285,634	264,490	17,704	17,954	18,796	20,802	27,144
Colorado	77,797	82,233	77,832	3,626	2,896	2,708	3,012	6,385
Connecticut	34,514	31,828	40,279	1,110	1,043	1,094	1,404	2,270
Delaware	6,626	6,874	9,034	170	156	150	205	347
District of Columbia	NA	7,969	10,477	270	259	253	310	473
Florida	11,140	11,862	11,618	836	757	786	887	1,075
Georgia	70,036	81,541	89,917	4,099	4,045	3,937	4,104	4,932
Hawaii	433	428	438	44	42	43	49	44
Idaho	18,053	14,875	13,919	824	522	511	591	1,099
Illinois	NA	261,973	295,635	NA	8,083	8,664	9,173	16,967
Indiana	77,245	83,403	98,777	2,492	1,996	2,091	2,409	5,321
Iowa	40,056	41,929	45,771	1,144	1,121	1,043	1,295	2,473
Kansas	34,953	35,754	41,685	1,224	1,116	1,059	1,290	1,865
Kentucky	25,906	31,046	37,765	972	782	717	774	1,184
Louisiana	19,569	23,191	29,175	1,283	1,269	1,294	1,353	1,503
Maine	1,926	1,755	1,994	59	55	53	82	139
Maryland	49,321	52,705	64,366	1,715	1,536	1,634	1,772	3,001
Massachusetts	82,591	76,832	98,705	2,681	2,516	2,627	3,324	5,995
Michigan	193,886	197,981	231,811	7,237	5,484	5,216	6,194	14,012
Minnesota	80,874	80,538	84,009	2,575	2,529	2,293	3,019	5,082
Mississippi	11,754	14,427	18,134	640	568	527	541	749
Missouri	55,992	58,630	71,736	1,828	1,697	1,631	1,943	3,385
Montana	13,918	11,630	11,928	646	354	348	480	914
Nebraska	24,103	22,721	25,041	672	672	698	911	1,594
Nevada	29,170	27,598	24,018	1,455	1,137	1,292	1,578	1,994
New Hampshire	5,068	4,681	6,027	161	164	143	183	352
New Jersey	148,988	151,552	189,854	4,547	4,321	4,881	5,701	9,519
New Mexico	20,431	22,402	21,916	877	829	850	963	1,428
New York	301,301	288,891	353,310	11,049	10,307	10,844	13,979	20,798
North Carolina	NA	43,606	48,781	1,087	985	NA	1,038	1,506
North Dakota	7,045	6,423	7,286	236	178	156	191	348
Ohio	160,066	175,976	220,314	5,593	4,972	4,646	5,262	9,851
Oklahoma	31,601	33,310	42,547	1,220	1,257	1,135	1,260	1,820
Oregon	31,075	23,833	22,660	1,188	776	863	1,327	2,142
Pennsylvania	148,398	147,949	181,398	4,695	R3,957	R4,278	R5,199	R9,670
Rhode Island	12,642	11,476	15,394	398	420	427	476	823
South Carolina	15,490	18,827	21,754	563	502	582	548	681
South Dakota	7,863	7,728	8,083	240	210	192	260	474
Tennessee	34,981	40,716	52,826	1,295	1,015	1,044	1,207	1,778
Texas	NA	130,644	165,985	5,871	5,423	5,987	5,807	7,728
Utah	41,349	41,446	35,856	1,785	1,442	1,647	2,183	2,834
Vermont	2,564	2,489	2,970	89	80	84	134	191
Virginia	48,129	54,454	67,317	1,623	1,524	1,592	1,747	2,381
Washington	58,482	46,898	44,022	2,419	1,733	1,786	2,206	4,009
West Virginia	NA	15,978	19,003	481	301	NA	323	754
Wisconsin	83,753	85,150	93,237	2,725	2,490	2,293	2,780	5,936
Wyoming	8,784	7,714	7,372	275	209	217	383	823
Total	**2,927,627**	**2,984,166**	**3,413,827**	**115,124**	**R104,485**	**R107,492**	**R123,956**	**R200,453**

See footnotes at end of table.

Table 14

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

State	2017 April	2017 March	2017 February	2017 January	2017 Total	2016 December	2016 November	2016 October
Alabama	NA	3,251	3,303	4,957	28,407	4,880	1,790	875
Alaska	1,472	2,667	2,522	3,190	17,787	2,969	2,313	1,713
Arizona	2,361	3,706	NA	6,664	35,120	4,982	2,314	1,433
Arkansas	1,099	2,773	3,177	5,394	27,130	5,947	1,830	733
California	29,589	40,448	53,768	NA	411,828	66,472	37,487	22,235
Colorado	9,010	12,051	14,949	23,160	121,963	22,109	11,560	6,061
Connecticut	3,591	7,980	7,324	8,698	46,045	7,814	4,432	1,971
Delaware	606	1,674	1,384	1,933	9,660	1,711	794	281
District of Columbia	562	1,622	NA	2,120	11,379	2,132	941	337
Florida	1,409	1,651	1,776	1,962	15,352	1,587	1,083	820
Georgia	5,700	12,802	12,373	18,045	115,922	19,450	10,131	4,799
Hawaii	49	52	52	58	571	52	47	45
Idaho	1,988	2,632	3,775	6,112	24,889	5,896	2,661	1,457
Illinois	23,286	52,086	47,485	72,032	386,590	77,072	32,863	14,682
Indiana	7,058	17,117	15,311	23,450	125,038	26,002	11,340	4,294
Iowa	4,107	8,180	8,504	12,187	61,247	12,695	4,607	2,016
Kansas	3,216	6,256	7,040	11,886	54,060	12,007	4,755	1,542
Kentucky	2,026	5,631	5,580	8,240	45,502	9,305	3,864	1,288
Louisiana	1,793	2,837	3,055	5,181	31,393	4,826	1,988	1,388
Maine	240	436	405	457	2,566	449	229	133
Maryland	3,391	11,365	10,915	13,992	76,047	13,905	6,792	2,645
Massachusetts	8,761	20,373	16,654	19,661	112,082	19,200	10,623	5,427
Michigan	19,261	43,961	39,308	53,213	294,187	53,793	27,488	14,924
Minnesota	8,370	16,781	16,630	23,596	117,598	21,656	9,848	5,555
Mississippi	830	2,214	2,170	3,514	20,177	3,776	1,349	625
Missouri	4,518	10,495	11,195	19,299	87,265	19,404	6,724	2,508
Montana	1,629	2,262	3,019	4,268	19,100	3,972	2,116	1,383
Nebraska	2,421	4,249	5,132	7,755	33,050	6,924	2,373	1,031
Nevada	2,755	4,334	6,168	8,457	39,075	6,777	2,891	1,810
New Hampshire	498	1,235	1,042	1,288	6,861	1,249	701	231
New Jersey	15,232	34,249	30,578	39,961	215,510	36,467	18,709	8,782
New Mexico	2,113	3,013	4,252	6,105	32,577	5,893	3,068	1,214
New York	31,178	68,661	60,883	73,601	410,836	65,878	37,839	18,228
North Carolina	2,285	8,077	7,041	11,829	64,547	12,919	6,304	1,719
North Dakota	740	1,480	1,582	2,134	10,059	2,140	867	629
Ohio	13,796	36,914	32,763	46,269	255,826	45,997	23,457	10,396
Oklahoma	2,651	4,602	6,244	11,410	50,573	11,805	3,798	1,659
Oregon	3,757	5,123	6,390	9,510	39,391	8,788	3,994	2,776
Pennsylvania	R14,079	34,348	31,516	40,656	215,512	38,712	20,030	8,820
Rhode Island	1,229	3,224	2,592	3,054	17,200	3,064	1,753	906
South Carolina	1,227	3,385	3,037	4,964	27,562	5,384	2,620	730
South Dakota	890	1,513	1,640	2,444	11,663	2,513	901	520
Tennessee	2,442	7,118	7,458	11,623	58,924	12,405	4,393	1,410
Texas	9,387	15,955	22,069	NA	175,332	29,067	9,113	6,508
Utah	4,879	5,592	7,281	13,706	63,929	13,140	6,363	2,979
Vermont	318	582	518	568	3,518	555	326	149
Virginia	3,649	10,958	9,992	14,663	77,170	13,305	6,527	2,884
Washington	6,969	10,331	12,339	16,690	76,321	16,027	7,845	5,551
West Virginia	1,361	3,461	3,093	4,049	23,210	4,083	2,265	884
Wisconsin	8,395	18,556	17,162	23,416	125,484	24,373	10,370	5,591
Wyoming	1,036	1,567	1,854	2,420	11,999	2,423	1,135	727
Total	**R280,702**	**581,829**	**581,659**	**831,927**	**4,345,031**	**793,950**	**379,611**	**187,305**

See footnotes at end of table.

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

State	2016 September	August	July	June	May	April	March	February
Alabama	620	646	675	833	978	1,645	2,755	5,516
Alaska	831	534	479	534	864	1,242	1,885	2,067
Arizona	1,144	1,030	1,081	1,327	1,766	2,422	3,090	5,815
Arkansas	609	545	584	687	937	1,510	2,762	4,944
California	19,919	18,615	19,535	21,253	24,772	28,203	39,795	43,744
Colorado	3,216	2,736	2,559	2,931	6,530	10,422	14,376	17,245
Connecticut	962	897	1,034	1,312	2,294	4,070	5,351	7,649
Delaware	165	155	164	224	458	794	1,094	1,812
District of Columbia	202	211	240	280	489	772	1,080	2,230
Florida	727	683	700	798	969	1,222	1,694	2,333
Georgia	3,782	3,816	3,629	3,761	4,631	6,473	9,578	19,793
Hawaii	49	45	45	45	44	51	49	47
Idaho	690	498	524	587	893	1,308	2,566	3,284
Illinois	7,804	7,463	7,828	9,530	15,847	30,371	41,363	62,741
Indiana	2,346	2,216	2,033	2,231	4,740	9,341	11,656	21,371
Iowa	1,330	1,052	1,178	1,181	2,249	4,664	6,787	10,221
Kansas	1,138	990	1,079	1,376	2,084	2,598	5,100	8,618
Kentucky	772	774	723	812	1,491	2,634	4,655	8,533
Louisiana	1,222	1,248	1,182	1,240	1,482	1,903	2,611	4,882
Maine	56	44	50	60	136	255	330	388
Maryland	1,425	1,345	1,484	1,784	3,341	5,421	7,549	13,589
Massachusetts	2,440	2,282	2,440	2,802	5,617	10,051	13,735	18,067
Michigan	6,654	4,899	5,406	5,587	12,193	27,261	33,138	47,643
Minnesota	2,599	2,497	2,306	2,944	4,253	9,873	12,540	19,714
Mississippi	572	553	594	740	816	943	1,732	3,311
Missouri	1,526	1,611	1,637	1,919	2,869	4,944	8,665	14,460
Montana	631	405	400	515	934	1,288	2,008	2,291
Nebraska	706	665	713	905	1,371	2,324	3,500	5,465
Nevada	1,387	1,208	1,269	1,518	1,993	2,500	3,524	5,658
New Hampshire	153	129	130	168	294	606	806	1,101
New Jersey	4,706	4,313	5,739	6,416	10,809	17,908	23,954	34,983
New Mexico	933	775	839	1,085	1,546	2,179	3,342	4,965
New York	9,343	9,231	10,735	12,749	22,011	36,765	47,350	66,423
North Carolina	1,088	1,046	1,047	1,222	1,657	3,302	5,133	12,917
North Dakota	218	175	162	181	375	770	1,076	1,509
Ohio	4,721	4,818	4,237	4,868	10,509	21,446	26,913	44,163
Oklahoma	1,305	1,175	1,114	1,369	1,759	2,369	4,616	7,604
Oregon	1,114	622	920	1,127	1,550	2,244	4,524	4,904
Pennsylvania	4,167	3,943	4,156	5,190	9,401	16,928	22,481	37,255
Rhode Island	360	236	268	325	746	1,498	1,935	2,791
South Carolina	502	484	447	499	719	1,342	2,282	5,686
South Dakota	239	209	196	230	523	973	1,303	1,766
Tennessee	1,021	910	1,004	1,158	1,627	3,108	5,468	11,344
Texas	5,353	5,380	5,756	7,078	7,373	11,583	16,632	30,066
Utah	1,781	1,366	1,714	1,463	2,994	4,451	6,228	9,030
Vermont	87	77	93	113	204	362	395	562
Virginia	1,450	1,376	1,429	2,052	2,969	5,421	8,173	14,427
Washington	2,551	1,776	1,855	2,300	3,170	4,151	8,903	9,271
West Virginia	360	323	363	371	726	1,783	2,617	4,160
Wisconsin	2,404	2,125	2,362	2,605	5,058	11,245	14,397	19,947
Wyoming	353	259	231	294	772	979	1,333	1,530
Total	**109,734**	**100,409**	**106,369**	**122,582**	**193,829**	**327,916**	**454,829**	**689,836**

See footnotes at end of table.

Table 14

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

State	2016 January	2016 Total	December	November	October	September	August	2015 July
Alabama	7,195	32,750	3,496	2,082	957	711	706	721
Alaska	2,358	18,574	2,683	2,317	1,429	1,040	531	499
Arizona	8,716	34,516	6,667	3,134	1,345	1,080	978	1,066
Arkansas	6,040	33,049	4,266	2,361	795	586	557	598
California	69,797	401,172	73,056	44,392	19,235	17,032	17,399	18,932
Colorado	22,217	122,364	22,545	16,187	5,800	2,924	2,403	2,633
Connecticut	8,259	50,975	4,749	3,846	2,101	948	970	1,089
Delaware	2,009	11,260	1,049	772	406	168	178	175
District of Columbia	2,464	13,494	1,456	994	567	276	262	264
Florida	2,736	15,407	1,459	1,233	1,096	641	643	844
Georgia	26,077	118,028	11,963	10,265	5,883	3,800	3,751	3,663
Hawaii	52	572	47	44	44	41	43	45
Idaho	4,525	23,482	4,842	3,704	1,017	652	367	494
Illinois	79,025	400,876	50,976	36,127	18,138	8,118	7,790	7,959
Indiana	27,469	133,045	16,792	11,707	5,768	2,419	2,008	2,172
Iowa	13,266	62,735	9,057	5,498	2,408	1,279	1,052	1,189
Kansas	12,771	58,384	8,933	5,587	2,180	1,596	1,442	1,151
Kentucky	10,651	49,426	5,853	4,167	1,640	885	889	899
Louisiana	7,422	36,858	3,762	2,384	1,537	1,356	1,205	1,295
Maine	436	2,700	315	246	145	48	48	49
Maryland	16,769	82,858	8,376	6,235	3,881	1,542	1,580	1,657
Massachusetts	19,399	126,662	12,658	9,466	5,833	2,486	2,463	2,641
Michigan	55,201	312,098	35,475	28,390	16,422	6,006	5,872	5,572
Minnesota	23,813	117,588	17,835	10,603	5,140	2,331	2,553	2,292
Mississippi	5,165	23,248	2,448	1,833	833	728	589	620
Missouri	20,999	95,503	12,940	7,731	3,096	1,646	1,729	1,595
Montana	3,158	18,912	3,283	2,652	1,049	497	381	385
Nebraska	7,072	34,663	5,620	2,921	1,081	683	695	809
Nevada	8,540	37,029	7,344	4,218	1,449	1,228	1,189	1,120
New Hampshire	1,293	7,842	884	680	251	153	146	151
New Jersey	42,724	237,104	22,176	16,145	8,928	4,507	4,589	5,481
New Mexico	6,739	33,130	6,207	3,759	1,247	829	840	808
New York	74,285	452,166	44,302	33,880	20,674	10,202	10,144	10,330
North Carolina	16,193	64,523	6,836	6,169	2,737	1,092	1,214	1,016
North Dakota	1,957	10,552	1,698	1,060	509	199	209	168
Ohio	54,300	285,306	30,726	22,078	12,188	4,677	4,717	5,012
Oklahoma	11,999	59,399	9,337	5,701	1,814	1,240	1,227	1,204
Oregon	6,827	37,070	6,927	5,719	1,763	1,189	821	840
Pennsylvania	44,428	235,669	24,492	18,222	11,557	4,797	4,063	4,148
Rhode Island	3,320	20,042	1,952	1,632	1,063	391	404	437
South Carolina	6,866	28,414	3,129	2,461	1,070	569	531	520
South Dakota	2,289	11,751	2,016	1,174	478	228	219	190
Tennessee	15,077	67,312	7,708	4,811	1,967	1,155	995	1,033
Texas	41,424	211,379	28,033	11,027	6,334	5,401	4,875	6,479
Utah	12,419	58,562	12,346	8,345	2,015	1,329	1,555	1,634
Vermont	598	3,833	402	294	168	81	74	89
Virginia	17,158	85,464	8,151	6,455	3,540	1,903	1,475	1,526
Washington	12,921	71,907	12,469	11,216	4,199	2,613	1,637	1,700
West Virginia	5,275	24,807	2,449	2,120	1,235	385	337	243
Wisconsin	25,007	126,854	16,449	11,077	6,091	2,502	2,310	2,478
Wyoming	1,963	11,576	2,277	1,489	437	300	199	244
Total	**878,664**	**4,612,888**	**590,911**	**406,610**	**201,540**	**108,491**	**102,855**	**108,160**

See footnotes at end of table.

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

State	June	May	April	March	February	January
						2015
Alabama	765	1,113	1,697	3,863	8,552	8,087
Alaska	589	883	1,473	2,174	2,212	2,743
Arizona	1,320	1,821	2,191	3,201	4,276	7,436
Arkansas	667	942	1,634	4,846	7,718	8,080
California	20,889	27,358	29,622	32,140	40,902	60,216
Colorado	3,115	7,343	8,503	12,871	16,449	21,591
Connecticut	1,330	2,112	4,766	8,749	10,279	10,035
Delaware	194	289	754	2,076	2,533	2,665
District of Columbia	256	456	866	2,046	2,886	3,166
Florida	880	946	1,246	1,397	2,502	2,518
Georgia	3,679	4,354	5,538	12,196	26,723	26,214
Hawaii	46	46	54	51	52	60
Idaho	521	900	1,736	2,203	2,701	4,346
Illinois	9,419	13,194	26,783	54,278	85,540	82,554
Indiana	2,309	3,713	8,643	18,560	29,649	29,303
Iowa	1,394	2,157	4,112	7,952	13,542	13,093
Kansas	1,380	1,854	2,529	7,324	11,566	12,843
Kentucky	900	1,217	2,309	7,078	12,025	11,564
Louisiana	1,288	1,679	1,884	4,337	7,572	8,561
Maine	71	95	224	404	529	526
Maryland	1,783	2,200	4,975	12,967	19,141	18,521
Massachusetts	3,330	4,364	10,124	20,986	26,240	26,072
Michigan	6,616	10,476	22,109	42,465	68,402	64,293
Minnesota	2,435	3,958	8,178	15,011	23,784	23,468
Mississippi	652	718	1,060	3,058	4,909	5,799
Missouri	1,807	2,514	6,206	15,779	20,729	19,731
Montana	404	909	1,457	1,959	2,620	3,317
Nebraska	971	1,343	2,137	4,219	6,971	7,214
Nevada	1,497	1,901	2,366	3,384	4,287	7,046
New Hampshire	186	244	596	1,197	1,665	1,691
New Jersey	6,160	8,995	21,273	41,241	50,550	47,059
New Mexico	1,262	1,572	1,919	3,422	5,014	6,249
New York	13,069	18,251	36,470	74,731	91,107	89,006
North Carolina	1,123	1,308	2,814	7,387	17,363	15,464
North Dakota	205	447	720	1,277	2,055	2,006
Ohio	6,095	9,819	22,267	47,720	61,207	58,799
Oklahoma	1,328	1,937	2,647	6,955	12,794	13,215
Oregon	963	1,694	3,242	3,525	4,166	6,219
Pennsylvania	5,380	7,626	17,159	37,965	51,857	48,403
Rhode Island	498	577	1,426	3,296	4,154	4,211
South Carolina	514	712	1,104	3,299	7,323	7,182
South Dakota	278	508	783	1,358	2,162	2,357
Tennessee	1,202	1,606	3,088	9,122	18,022	16,604
Texas	6,360	6,857	10,986	34,514	36,891	53,622
Utah	1,958	3,129	4,515	5,112	6,449	10,176
Vermont	107	156	367	610	760	725
Virginia	1,649	2,226	4,750	13,596	20,861	19,331
Washington	1,914	3,103	5,971	7,225	8,079	11,781
West Virginia	416	668	1,631	4,563	5,640	5,121
Wisconsin	2,481	4,550	9,496	16,213	27,502	25,705
Wyoming	410	731	888	1,177	1,457	1,966
Total	**124,066**	**177,570**	**319,285**	**633,081**	**902,364**	**937,954**

[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

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

(million cubic feet)

State	2017 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	September	August	July	June	2017 May
Alabama	NA	16,458	18,820	1,252	1,132	1,070	NA	NA
Alaska	12,050	10,290	12,581	836	718	639	672	1,007
Arizona	NA	22,624	21,472	1,918	NA	1,866	1,970	2,289
Arkansas	NA	32,517	35,536	2,842	2,822	2,634	2,677	NA
California	166,366	168,485	164,082	15,926	16,058	14,802	14,653	16,097
Colorado	35,322	37,259	35,356	1,901	1,733	1,657	1,760	3,101
Connecticut	37,714	35,125	40,434	2,532	2,461	2,479	2,354	2,779
Delaware	8,800	8,354	8,529	649	571	498	559	717
District of Columbia	10,205	11,162	12,710	757	766	788	784	933
Florida	46,166	46,657	45,197	4,558	4,558	4,500	4,662	4,926
Georgia	32,217	36,509	40,680	2,236	2,219	2,172	2,223	2,601
Hawaii	NA	1,428	1,442	162	166	159	NA	157
Idaho	13,239	11,400	10,653	930	722	694	709	945
Illinois	144,383	147,394	160,308	8,823	8,059	7,696	7,567	12,884
Indiana	48,017	50,146	58,162	2,657	2,296	2,234	2,441	3,578
Iowa	32,935	33,892	35,440	1,831	1,604	1,623	1,781	2,319
Kansas	24,741	24,191	26,663	1,782	1,846	1,671	1,658	1,874
Kentucky	20,766	22,912	26,851	1,380	1,138	1,043	1,101	1,339
Louisiana	NA	20,985	22,367	1,874	1,990	1,868	NA	2,113
Maine	6,241	5,946	7,653	306	297	296	325	472
Maryland	NA	49,641	52,937	3,182	R3,222	NA	2,967	4,094
Massachusetts	77,122	71,698	78,723	4,301	4,232	3,979	4,120	6,084
Michigan	113,237	112,554	128,322	6,070	5,566	5,112	6,084	8,967
Minnesota	66,784	64,341	67,108	3,085	2,885	2,878	3,137	4,883
Mississippi	11,748	13,052	14,876	1,013	981	890	905	1,103
Missouri	NA	38,480	45,403	2,310	R2,240	2,041	2,196	2,786
Montana	15,626	13,573	12,737	1,016	690	675	758	1,102
Nebraska	21,167	18,481	21,013	1,078	1,109	1,075	1,256	1,573
Nevada	22,991	22,330	20,736	1,885	1,689	1,743	1,891	2,169
New Hampshire	6,263	5,766	7,341	256	269	201	251	446
New Jersey	NA	109,946	130,049	7,044	6,049	5,927	6,216	7,843
New Mexico	15,717	16,104	16,177	1,145	1,134	1,061	1,010	1,275
New York	219,727	213,011	238,704	14,931	15,092	14,359	14,733	18,286
North Carolina	NA	39,746	41,262	2,710	2,657	NA	2,341	2,946
North Dakota	8,571	7,636	8,646	466	356	310	324	494
Ohio	99,624	105,141	128,640	5,412	5,026	4,606	4,955	7,067
Oklahoma	25,997	26,535	30,563	1,676	1,667	1,542	1,640	1,957
Oregon	21,393	17,143	16,619	1,140	846	885	1,188	1,664
Pennsylvania	100,245	97,255	114,519	5,088	R4,814	R4,907	R5,168	7,497
Rhode Island	7,771	7,311	9,217	258	263	268	305	550
South Carolina	15,847	16,881	17,921	1,329	1,316	1,407	1,287	1,524
South Dakota	7,093	6,916	7,209	364	300	299	337	483
Tennessee	32,086	34,517	40,190	2,451	2,177	2,110	2,179	2,628
Texas	NA	121,077	132,723	10,331	10,451	10,488	10,237	11,270
Utah	25,891	25,842	22,538	1,398	1,166	1,248	1,682	1,908
Vermont	NA	4,336	4,262	346	320	295	NA	336
Virginia	NA	47,352	51,862	3,323	3,160	NA	2,858	3,752
Washington	40,624	34,288	33,000	2,482	2,144	2,194	2,433	3,461
West Virginia	14,982	16,112	17,428	1,063	1,005	952	1,002	1,201
Wisconsin	60,165	61,767	67,072	3,011	3,133	2,869	3,054	4,477
Wyoming	NA	9,065	8,302	NA	477	423	535	965
Total	**2,166,589**	**2,171,633**	**2,371,036**	**145,767**	**R139,466**	**R134,332**	**R138,471**	**179,324**

See footnotes at end of table.

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

State	2017 April	2017 March	2017 February	2017 January	2016 Total	2016 December	2016 November	2016 October
Alabama	NA	2,339	2,121	3,075	23,552	3,314	2,275	1,505
Alaska	1,318	2,241	2,064	2,554	15,953	2,277	1,986	1,400
Arizona	2,541	2,949	3,412	4,012	30,938	3,655	2,662	1,998
Arkansas	3,026	4,379	4,508	6,283	45,810	6,232	4,036	3,025
California	17,114	19,797	22,215	29,705	236,967	28,870	22,310	17,301
Colorado	4,084	5,265	6,275	9,547	54,265	9,066	5,115	2,824
Connecticut	3,884	7,148	6,442	7,635	50,258	7,106	4,847	3,180
Delaware	747	1,685	1,497	1,877	12,340	1,865	1,259	862
District of Columbia	1,005	1,697	1,499	1,976	15,648	2,011	1,577	898
Florida	5,317	5,892	5,491	6,261	62,526	5,911	5,251	4,707
Georgia	2,827	5,440	5,210	7,289	51,325	7,639	4,603	2,574
Hawaii	164	173	164	185	1,926	170	165	162
Idaho	1,330	1,740	2,456	3,714	17,598	3,274	1,658	1,266
Illinois	13,530	25,935	24,500	35,389	212,482	34,996	17,390	12,701
Indiana	4,425	9,282	8,366	12,736	74,131	13,291	6,367	4,327
Iowa	3,328	5,890	6,097	8,460	49,414	8,370	4,182	2,970
Kansas	2,630	3,579	3,652	6,048	34,762	5,921	2,682	1,968
Kentucky	1,662	3,889	3,822	5,391	33,520	5,921	2,990	1,697
Louisiana	2,147	2,701	2,386	3,307	28,931	3,403	2,448	2,095
Maine	712	1,322	1,177	1,334	8,559	1,319	771	523
Maryland	4,183	9,413	7,893	10,188	70,500	9,758	6,917	4,184
Massachusetts	7,681	16,774	13,799	16,151	104,850	15,481	10,334	7,338
Michigan	11,420	22,292	21,160	26,565	158,630	24,656	13,188	8,231
Minnesota	7,512	12,382	12,973	17,049	92,529	14,773	8,027	5,388
Mississippi	990	1,780	1,708	2,379	18,126	2,368	1,610	1,096
Missouri	3,243	6,391	NA	10,361	56,967	10,062	5,473	2,951
Montana	1,722	2,492	3,048	4,123	21,314	3,947	2,238	1,556
Nebraska	2,224	3,315	4,006	5,531	26,971	4,892	2,339	1,259
Nevada	2,573	3,061	3,493	4,488	31,125	4,003	2,639	2,154
New Hampshire	592	1,509	1,222	1,517	8,509	1,486	892	365
New Jersey	9,544	21,049	18,310	NA	153,096	23,599	11,716	7,835
New Mexico	1,718	1,957	2,477	3,938	24,954	3,981	3,335	1,535
New York	21,629	41,538	36,890	42,269	300,588	39,787	27,178	20,612
North Carolina	2,945	6,106	5,093	7,501	55,876	7,469	5,301	3,359
North Dakota	902	1,662	1,723	2,333	11,810	2,344	1,034	795
Ohio	8,316	20,541	18,469	25,232	152,478	24,165	14,606	8,566
Oklahoma	2,426	3,545	4,432	7,113	38,510	7,033	2,991	1,952
Oregon	2,452	3,299	4,087	5,831	26,667	5,055	2,520	1,949
Pennsylvania	9,282	20,924	19,194	23,371	142,724	23,326	13,681	8,461
Rhode Island	769	1,932	1,540	1,887	10,744	1,843	1,019	572
South Carolina	1,505	2,510	2,129	2,841	23,734	2,840	2,424	1,588
South Dakota	748	1,281	1,330	1,952	10,439	1,968	964	590
Tennessee	2,572	5,369	5,277	7,323	49,810	8,029	4,716	2,548
Texas	12,197	14,673	NA	NA	164,306	19,803	12,852	10,574
Utah	3,089	3,331	4,490	7,579	39,066	7,032	4,221	1,971
Vermont	379	782	685	822	6,251	845	575	495
Virginia	3,919	7,960	6,983	9,383	67,553	8,360	7,392	4,448
Washington	4,726	6,353	7,399	9,432	51,634	8,702	4,816	3,829
West Virginia	1,533	2,710	2,495	3,021	22,698	3,151	2,079	1,356
Wisconsin	6,288	11,194	10,826	15,314	88,701	14,628	7,423	4,884
Wyoming	1,128	1,748	1,920	2,448	13,425	2,257	1,252	850
Total	**213,300**	**373,215**	**361,465**	**481,250**	**3,105,487**	**462,253**	**280,328**	**191,273**

See footnotes at end of table.

Table 15

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

State	2016 September	August	July	June	May	April	March	February
Alabama	1,029	1,046	1,008	1,172	1,236	1,487	1,813	3,085
Alaska	866	639	566	664	826	1,201	1,664	1,753
Arizona	1,804	1,771	1,783	1,923	2,180	2,477	2,789	3,422
Arkansas	2,733	2,603	2,469	2,562	2,880	3,144	4,237	5,574
California	16,692	17,658	15,665	16,004	16,480	17,220	20,551	21,465
Colorado	1,813	1,495	1,638	1,834	3,121	4,605	6,190	7,277
Connecticut	2,466	2,462	2,444	2,106	2,826	3,746	5,111	6,810
Delaware	596	566	519	516	668	898	1,071	1,595
District of Columbia	675	699	688	639	877	1,222	1,297	2,469
Florida	4,552	4,284	4,640	4,548	4,880	5,280	5,668	6,134
Georgia	2,086	2,066	2,006	2,051	2,437	3,220	4,391	7,910
Hawaii	171	163	155	154	151	162	157	155
Idaho	811	712	668	664	865	1,009	1,733	2,111
Illinois	8,285	8,004	7,989	7,350	10,639	16,018	21,673	31,000
Indiana	2,719	2,493	2,087	2,176	3,276	5,161	6,490	11,408
Iowa	2,052	1,826	1,758	1,604	2,134	3,532	4,934	7,130
Kansas	1,540	1,563	1,512	1,628	1,960	2,102	2,925	4,639
Kentucky	1,176	1,126	1,065	1,012	1,522	1,798	3,178	5,410
Louisiana	1,903	1,970	1,785	1,816	2,110	2,137	2,248	2,778
Maine	291	280	284	311	471	789	1,018	1,168
Maryland	3,228	2,978	2,882	3,249	4,159	5,515	6,514	9,691
Massachusetts	4,424	4,205	3,926	3,830	5,716	8,832	10,662	13,977
Michigan	5,366	5,189	5,033	5,240	8,587	14,404	18,469	24,381
Minnesota	2,946	2,838	2,672	3,073	4,571	7,286	10,258	14,105
Mississippi	988	972	948	1,158	1,191	1,018	1,434	2,207
Missouri	1,981	2,119	2,040	2,034	2,666	3,235	5,204	8,516
Montana	934	742	732	764	1,136	1,461	2,230	2,390
Nebraska	954	930	960	1,048	1,267	1,817	2,565	3,846
Nevada	1,836	1,723	1,771	1,783	2,183	2,421	2,801	3,408
New Hampshire	234	203	200	248	381	716	962	1,283
New Jersey	7,339	8,213	8,165	7,963	8,929	11,456	15,021	19,959
New Mexico	1,170	1,053	1,009	1,117	1,249	1,558	2,196	2,813
New York	14,883	16,258	14,940	14,800	16,724	23,130	28,014	39,025
North Carolina	2,791	2,790	2,584	2,582	2,878	3,743	4,280	7,912
North Dakota	356	300	303	296	422	1,026	1,189	1,629
Ohio	4,898	4,902	4,193	4,162	6,640	12,084	14,927	23,498
Oklahoma	1,683	1,638	1,480	1,558	2,083	2,206	3,428	5,052
Oregon	1,071	697	926	1,046	1,318	1,797	2,922	3,165
Pennsylvania	4,846	4,608	4,420	4,911	6,756	10,707	13,278	21,407
Rhode Island	233	167	174	234	549	977	1,247	1,747
South Carolina	1,284	1,300	1,135	1,255	1,395	1,849	1,845	2,982
South Dakota	349	298	299	302	482	820	1,053	1,395
Tennessee	2,049	1,956	1,947	1,945	2,522	2,854	4,181	7,280
Texas	9,927	9,923	9,968	11,212	10,433	12,963	14,493	18,720
Utah	1,358	1,036	1,245	1,083	2,026	2,794	4,002	5,361
Vermont	353	355	350	310	290	520	523	724
Virginia	2,939	2,755	2,736	3,135	3,411	5,150	6,295	9,336
Washington	2,517	2,191	2,289	2,466	2,854	3,114	5,553	5,868
West Virginia	1,007	1,016	1,075	998	1,226	1,656	2,326	3,060
Wisconsin	3,142	3,060	2,867	3,162	4,578	7,206	9,266	13,211
Wyoming	555	467	430	434	856	1,107	1,521	1,635
Total	**141,901**	**140,306**	**134,427**	**138,131**	**171,017**	**232,634**	**297,803**	**412,876**

See footnotes at end of table.

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

State	2016 January	2016 Total	2016 December	2016 November	2016 October	2016 September	2016 August	2015 July
Alabama	4,582	25,162	2,421	2,372	1,549	1,201	1,147	1,117
Alaska	2,110	18,472	2,469	2,028	1,393	1,202	717	662
Arizona	4,474	30,536	4,131	3,015	1,918	1,709	1,651	1,758
Arkansas	6,314	47,651	4,918	4,033	3,163	2,654	2,517	2,388
California	26,750	235,791	29,484	26,091	16,134	15,078	16,351	15,782
Colorado	9,285	53,968	9,183	6,634	2,794	1,646	1,408	1,521
Connecticut	7,154	52,453	4,915	4,024	3,080	2,515	2,451	2,321
Delaware	1,926	11,731	1,234	1,117	852	453	429	393
District of Columbia	2,596	17,113	1,611	1,563	1,230	798	770	712
Florida	6,672	60,233	5,360	4,938	4,738	4,206	4,405	4,483
Georgia	10,340	53,745	5,195	4,704	3,165	2,421	2,277	2,162
Hawaii	159	1,908	167	148	152	153	156	159
Idaho	2,827	16,708	2,812	2,140	1,102	718	603	627
Illinois	36,435	215,218	24,423	18,019	12,469	7,827	7,840	7,358
Indiana	14,337	77,552	8,326	6,376	4,689	2,766	2,171	2,357
Iowa	8,921	49,165	6,364	4,259	3,103	1,748	1,495	1,597
Kansas	6,322	37,047	4,856	2,976	2,551	1,927	2,149	1,709
Kentucky	6,625	35,435	3,735	3,061	1,788	1,208	1,205	1,192
Louisiana	4,238	30,270	2,917	2,739	2,247	2,175	1,868	1,772
Maine	1,333	10,072	1,006	816	597	435	428	417
Maryland	11,425	70,199	6,638	5,903	4,720	2,962	2,986	2,943
Massachusetts	16,124	105,171	9,988	9,161	7,299	3,972	3,869	3,883
Michigan	25,883	168,360	17,807	13,062	9,169	5,182	5,372	5,034
Minnesota	16,593	93,005	12,435	8,304	5,158	2,760	2,884	2,516
Mississippi	3,137	19,727	1,803	1,744	1,304	1,169	1,046	961
Missouri	10,685	61,389	7,357	5,298	3,331	2,112	2,161	1,881
Montana	3,184	19,502	3,104	2,504	1,157	687	582	595
Nebraska	5,094	29,464	4,117	2,718	1,616	964	1,044	1,264
Nevada	4,404	29,873	4,045	3,114	1,977	1,674	1,722	1,610
New Hampshire	1,539	9,630	1,050	850	389	240	233	229
New Jersey	22,901	163,223	13,604	11,164	8,406	7,123	7,173	7,475
New Mexico	3,940	25,038	4,115	3,137	1,608	1,053	1,068	980
New York	45,237	311,207	28,987	24,517	19,000	14,008	14,826	14,458
North Carolina	10,185	55,114	4,403	5,334	4,116	2,889	2,452	2,487
North Dakota	2,115	12,317	1,799	1,208	664	320	310	307
Ohio	29,839	166,602	16,202	12,682	9,078	4,465	4,716	4,679
Oklahoma	7,407	41,982	5,631	3,758	2,030	1,599	1,566	1,530
Oregon	4,202	25,602	4,159	3,326	1,499	1,175	916	934
Pennsylvania	26,322	152,091	14,839	12,873	9,859	5,197	4,642	4,390
Rhode Island	1,983	12,016	1,132	1,030	638	247	253	262
South Carolina	3,836	23,752	1,894	2,122	1,815	1,371	1,380	1,316
South Dakota	1,918	10,434	1,546	1,114	565	312	310	305
Tennessee	9,785	53,049	5,192	4,635	3,033	2,225	2,057	2,040
Texas	23,439	175,883	18,914	13,714	10,532	9,633	9,420	10,649
Utah	6,937	35,772	6,958	4,785	1,491	1,003	1,170	1,181
Vermont	911	5,918	583	554	520	334	316	340
Virginia	11,595	69,107	6,201	6,155	4,889	3,592	2,646	2,716
Washington	7,436	49,939	7,681	6,040	3,218	2,520	1,994	2,067
West Virginia	3,747	23,026	2,053	1,965	1,580	1,131	869	1,003
Wisconsin	15,274	90,175	10,348	7,772	4,983	2,866	2,963	2,781
Wyoming	2,061	12,937	2,395	1,637	604	503	298	422
Total	**502,539**	**3,201,734**	**352,506**	**283,231**	**194,961**	**138,126**	**135,279**	**133,728**

See footnotes at end of table.

Table 15

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

State	June	May	April	March	February	January
						2015
Alabama	1,114	1,418	1,446	2,148	4,712	4,516
Alaska	574	1,147	1,548	2,268	1,992	2,473
Arizona	1,878	2,204	2,422	2,786	3,083	3,981
Arkansas	2,405	2,654	3,183	5,328	7,068	7,338
California	16,147	19,132	18,080	18,893	19,598	25,021
Colorado	1,953	3,507	3,869	5,455	7,064	8,934
Connecticut	2,239	2,611	4,444	7,321	8,272	8,259
Delaware	429	422	770	1,504	2,097	2,031
District of Columbia	821	725	1,010	2,184	2,648	3,043
Florida	4,668	4,571	5,074	5,402	6,078	6,311
Georgia	2,094	2,626	3,298	5,480	10,135	10,187
Hawaii	154	151	168	165	157	179
Idaho	685	850	1,235	1,477	1,770	2,687
Illinois	7,293	9,179	15,102	27,346	39,507	38,856
Indiana	2,309	2,726	5,094	9,954	15,393	15,390
Iowa	1,804	2,108	3,158	5,800	9,104	8,625
Kansas	1,288	1,722	1,900	3,805	5,825	6,338
Kentucky	1,125	1,202	1,739	4,345	7,562	7,275
Louisiana	1,869	2,068	2,032	2,553	3,738	4,292
Maine	407	389	833	1,405	1,665	1,676
Maryland	2,840	2,956	4,954	9,783	11,814	11,699
Massachusetts	4,033	4,407	7,663	14,506	18,213	18,175
Michigan	5,423	7,299	13,744	23,965	31,717	30,587
Minnesota	2,609	3,970	6,600	11,399	17,900	16,471
Mississippi	1,015	1,068	1,130	2,148	3,007	3,332
Missouri	1,840	2,368	4,330	8,620	11,594	10,496
Montana	583	988	1,404	2,060	2,586	3,252
Nebraska	1,281	1,460	1,957	3,127	4,904	5,012
Nevada	1,839	2,119	2,411	2,642	2,902	3,817
New Hampshire	274	308	673	1,455	1,955	1,975
New Jersey	6,556	7,304	15,286	22,572	28,279	28,280
New Mexico	1,240	1,356	1,488	2,093	3,063	3,836
New York	13,026	15,674	22,349	41,824	50,726	51,813
North Carolina	2,867	2,488	3,421	5,408	10,110	9,139
North Dakota	313	580	833	1,491	2,229	2,264
Ohio	5,217	6,476	12,865	24,200	33,326	32,696
Oklahoma	1,541	1,941	2,349	4,768	7,445	7,824
Oregon	974	1,539	2,193	2,373	2,770	3,745
Pennsylvania	5,155	5,766	10,553	21,190	29,768	27,858
Rhode Island	309	385	872	1,949	2,477	2,463
South Carolina	1,299	1,516	1,585	2,153	3,690	3,611
South Dakota	323	498	672	1,103	1,771	1,916
Tennessee	2,141	2,453	2,928	5,638	10,806	9,901
Texas	10,620	10,214	12,629	20,419	21,751	27,388
Utah	1,387	2,168	3,027	3,004	3,979	5,620
Vermont	323	204	370	675	810	889
Virginia	2,644	2,813	4,015	8,607	12,727	12,102
Washington	2,406	2,940	4,169	4,776	5,302	6,825
West Virginia	813	1,128	1,740	3,181	3,870	3,693
Wisconsin	2,840	3,791	6,601	11,827	16,777	16,627
Wyoming	461	919	986	1,196	1,603	1,913
Total	**135,446**	**160,511**	**232,201**	**385,772**	**517,341**	**532,631**

[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 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	September	August	July	June	2017 May
Alabama	145,675	144,806	140,615	15,288	15,869	15,719	15,813	16,313
Alaska	1,712	2,770	3,691	89	75	63	200	221
Arizona	14,200	14,542	14,888	1,389	1,376	1,333	1,350	1,562
Arkansas	66,923	64,727	63,882	7,082	7,217	6,887	7,073	7,490
California	566,634	581,301	582,268	67,212	68,890	64,201	60,178	62,230
Colorado	58,808	57,652	55,765	4,905	5,228	5,091	5,196	6,455
Connecticut	17,932	17,641	19,525	1,664	1,736	1,749	1,690	1,755
Delaware	NA	23,366	24,813	NA	R2,492	2,271	2,424	2,316
District of Columbia	0	0	0	0	0	0	0	0
Florida	74,869	77,346	71,636	7,218	8,184	8,033	7,672	8,370
Georgia	112,564	113,572	117,447	10,523	12,720	12,355	12,729	12,484
Hawaii	411	416	326	48	48	45	45	46
Idaho[a]	25,812	24,685	21,927	2,703	2,262	2,472	2,455	2,741
Illinois	180,277	185,161	197,305	17,878	17,826	16,732	17,032	18,843
Indiana	269,985	280,606	280,439	28,487	28,005	27,598	26,309	27,923
Iowa	165,076	134,661	132,621	17,226	17,992	17,845	17,647	18,182
Kansas	94,836	92,225	89,571	10,251	11,045	11,725	10,162	9,180
Kentucky	83,190	85,073	87,820	8,208	8,405	8,020	8,492	9,215
Louisiana	805,670	781,352	702,994	89,505	93,101	90,495	88,526	89,125
Maine	12,260	14,360	16,266	1,281	1,221	1,240	1,133	1,171
Maryland	11,338	11,306	10,924	1,199	1,127	1,177	1,287	1,228
Massachusetts	34,416	32,967	33,419	2,745	2,517	2,489	2,707	3,200
Michigan	123,606	125,773	128,221	11,480	11,967	10,799	10,846	12,433
Minnesota	122,764	121,038	114,835	12,335	12,894	12,236	12,610	12,849
Mississippi	95,824	87,119	89,715	10,537	10,730	10,169	10,208	10,849
Missouri	45,964	47,181	49,061	4,346	4,594	4,402	4,362	4,717
Montana	14,387	15,354	15,855	1,963	1,815	1,709	1,382	1,089
Nebraska	64,896	66,254	63,274	6,666	7,147	7,586	6,217	6,868
Nevada	14,040	13,359	13,287	1,528	1,579	1,453	1,481	1,469
New Hampshire	6,320	6,309	6,316	611	594	611	609	682
New Jersey	NA	45,626	42,426	NA	NA	NA	NA	4,343
New Mexico	NA	11,872	13,277	1,247	1,292	1,298	1,253	1,310
New York	59,060	55,922	63,461	5,761	5,799	5,636	5,482	5,553
North Carolina	77,018	78,312	78,097	8,158	8,421	7,806	8,109	8,312
North Dakota	24,302	22,423	23,385	1,849	2,563	2,578	2,828	2,931
Ohio	204,242	202,826	210,030	20,576	19,580	19,227	18,812	21,307
Oklahoma	149,733	144,247	133,522	16,445	16,196	15,656	16,021	16,747
Oregon	43,555	42,381	39,503	4,430	4,335	4,200	4,467	4,819
Pennsylvania	159,941	154,722	159,983	16,453	16,635	15,739	16,016	16,784
Rhode Island	NA	6,370	6,538	673	672	644	660	666
South Carolina	66,971	65,179	62,259	7,079	7,468	7,016	7,159	7,454
South Dakota	33,552	32,944	32,986	3,539	3,615	3,573	3,554	3,648
Tennessee	99,962	90,259	86,373	10,356	10,842	10,423	10,618	10,984
Texas	NA	1,218,011	1,191,060	131,222	140,826	143,670	140,620	133,666
Utah	29,808	28,777	27,604	3,048	2,907	3,035	3,112	3,248
Vermont	1,595	1,570	1,487	158	164	158	158	158
Virginia	NA	66,751	65,034	7,361	7,250	NA	7,646	7,698
Washington	58,517	57,549	55,275	6,274	6,074	5,922	5,939	6,052
West Virginia	25,591	22,591	19,195	2,771	2,822	2,686	2,733	2,672
Wisconsin	109,104	103,763	100,702	10,346	10,834	10,166	9,878	10,958
Wyoming	38,205	38,051	34,939	4,013	3,954	3,795	3,838	4,193
Total	**5,797,707**	**5,713,068**	**5,595,840**	**613,153**	**634,681**	**622,850**	**611,048**	**624,507**

See footnotes at end of table.

Table 16

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

State	2017 April	2017 March	2017 February	2017 January	2016 Total	2016 December	2016 November	2016 October
Alabama	15,892	17,421	15,519	17,843	192,424	16,998	15,514	15,106
Alaska	237	281	259	286	4,268	466	493	538
Arizona	1,585	1,756	1,782	2,067	19,765	1,914	1,646	1,663
Arkansas	7,215	7,685	7,626	8,647	87,876	8,515	7,582	7,052
California	60,226	62,828	56,739	64,131	774,504	66,492	62,918	63,793
Colorado	6,862	7,536	7,618	9,916	80,432	9,450	7,220	6,110
Connecticut	1,847	2,632	2,216	2,643	24,271	2,672	2,213	1,745
Delaware	NA	2,353	2,657	2,888	31,457	2,776	2,573	2,742
District of Columbia	0	0	0	0	0	0	0	0
Florida	8,295	9,171	8,170	9,755	103,658	9,226	8,626	8,460
Georgia	11,912	13,925	12,308	13,608	152,312	13,487	12,619	12,635
Hawaii	42	47	42	48	542	42	41	43
Idaho[a]	2,819	3,183	3,276	3,901	34,761	3,788	3,171	3,117
Illinois	19,630	23,228	22,437	26,671	254,682	27,055	22,153	20,313
Indiana	29,677	33,846	31,613	36,527	370,944	37,406	28,292	24,639
Iowa	17,984	20,009	18,149	20,042	189,618	20,149	18,448	16,360
Kansas	9,756	10,585	9,833	12,297	123,915	12,699	9,872	9,120
Kentucky	9,052	10,458	9,881	11,459	115,201	11,095	10,031	9,001
Louisiana	87,863	90,263	82,437	94,354	1,048,751	93,853	88,012	85,534
Maine	1,375	1,595	1,534	1,709	18,983	1,524	1,403	1,697
Maryland	1,035	1,528	1,275	1,482	15,400	1,666	1,146	1,281
Massachusetts	4,311	5,605	5,135	5,707	45,721	5,209	4,214	3,331
Michigan	13,052	17,541	16,396	19,092	172,010	18,447	14,564	13,226
Minnesota	13,729	14,907	14,732	16,471	162,818	15,993	13,769	12,018
Mississippi	10,556	11,143	10,406	11,226	116,117	10,739	9,932	8,328
Missouri	4,873	5,916	5,683	7,070	63,630	6,733	5,257	4,458
Montana	1,261	1,628	1,621	1,920	21,208	1,854	2,126	1,874
Nebraska	7,014	7,349	7,603	8,446	91,021	8,390	8,307	8,070
Nevada	1,524	1,671	1,516	1,819	18,327	1,824	1,517	1,628
New Hampshire	768	821	821	804	8,454	770	724	651
New Jersey	NA	NA	4,957	5,391	60,910	5,379	4,500	5,405
New Mexico	NA	NA	1,244	1,548	16,109	1,523	1,393	1,321
New York	6,428	8,291	7,587	8,522	77,153	8,323	6,779	6,129
North Carolina	8,284	9,631	8,662	9,633	105,504	9,629	8,938	8,625
North Dakota	2,983	3,133	2,426	3,012	31,232	2,620	3,009	3,179
Ohio	22,548	26,962	26,017	29,212	275,358	27,698	23,448	21,386
Oklahoma	17,220	17,909	15,559	17,980	192,257	17,581	15,480	14,948
Oregon	4,854	5,288	5,171	5,991	57,760	5,705	4,754	4,920
Pennsylvania	17,082	21,013	19,014	21,205	212,253	20,668	19,496	17,368
Rhode Island	799	716	NA	806	8,474	734	677	694
South Carolina	7,232	8,114	7,278	8,170	88,148	7,958	7,852	7,159
South Dakota	3,616	3,916	3,796	4,296	44,570	4,108	3,953	3,565
Tennessee	10,625	11,930	11,638	12,546	122,952	12,163	10,537	9,993
Texas	130,797	139,913	131,228	NA	1,649,759	154,403	140,134	137,211
Utah	3,480	3,390	3,810	3,779	38,568	3,460	3,201	3,130
Vermont	167	215	196	222	2,172	217	199	185
Virginia	7,833	8,262	7,874	7,741	88,422	7,668	7,547	6,455
Washington	6,263	6,994	6,844	8,156	79,275	7,903	6,687	7,137
West Virginia	2,488	3,155	2,937	3,328	32,281	3,394	3,284	3,013
Wisconsin	11,636	14,939	13,691	16,657	143,214	15,840	12,341	11,270
Wyoming	4,394	4,732	4,416	4,868	52,810	5,173	4,938	4,648
Total	**625,274**	**691,124**	**644,418**	**730,654**	**7,722,252**	**733,380**	**653,529**	**622,274**

See footnotes at end of table.

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

State	2016 September	August	July	June	May	April	March	February
Alabama	14,453	14,872	14,946	15,399	16,891	16,027	16,858	16,678
Alaska	436	261	307	363	261	183	237	243
Arizona	1,576	1,386	1,334	1,542	1,591	1,582	1,708	1,793
Arkansas	6,668	7,035	6,546	6,554	6,970	7,074	7,566	7,708
California	68,837	72,768	66,479	62,672	63,228	61,518	62,640	58,879
Colorado	5,167	5,246	5,118	4,984	6,141	6,625	7,542	7,704
Connecticut	1,663	1,733	1,685	1,602	1,714	1,921	2,044	2,517
Delaware	2,659	2,573	2,690	2,333	2,643	2,464	2,666	2,517
District of Columbia	0	0	0	0	0	0	0	0
Florida	8,150	8,431	8,340	7,619	8,566	8,978	9,069	8,655
Georgia	11,517	11,720	11,880	11,832	12,657	12,370	13,414	13,814
Hawaii	44	56	54	41	47	42	41	44
Idaho[a]	2,659	2,252	2,524	2,136	2,462	2,492	3,184	3,333
Illinois	18,519	17,502	17,556	16,356	18,795	20,145	23,101	25,486
Indiana	27,077	27,962	29,016	29,034	31,204	31,458	33,807	34,114
Iowa	14,188	15,012	14,346	14,114	14,311	13,989	15,816	15,857
Kansas	8,356	12,156	11,049	9,324	9,217	9,344	10,327	10,669
Kentucky	8,199	8,561	8,169	8,237	9,171	9,448	10,354	10,915
Louisiana	84,515	87,369	88,600	85,219	87,933	85,740	88,206	83,387
Maine	1,590	1,588	1,569	1,414	1,570	1,602	1,802	1,543
Maryland	997	1,207	1,219	1,063	1,202	1,264	1,549	1,456
Massachusetts	2,495	2,419	2,475	2,841	3,168	4,147	4,560	5,283
Michigan	12,155	11,473	10,754	11,263	11,856	14,586	16,473	18,124
Minnesota	10,879	12,090	12,203	11,722	12,508	13,345	15,560	15,368
Mississippi	8,676	9,571	9,591	9,839	9,772	9,647	9,099	10,108
Missouri	4,628	4,301	4,453	4,385	4,952	4,936	5,551	7,118
Montana	1,835	1,641	1,661	1,510	1,658	1,459	1,690	1,845
Nebraska	7,639	9,167	8,450	7,126	6,787	6,586	6,724	6,532
Nevada	1,510	1,440	1,392	1,427	1,477	1,511	1,556	1,442
New Hampshire	620	582	590	564	679	727	805	868
New Jersey	5,179	5,372	5,628	5,268	4,364	4,820	4,189	4,745
New Mexico	1,232	1,209	1,252	1,220	1,297	1,234	1,437	1,448
New York	5,336	5,568	5,203	5,138	4,925	6,674	7,463	7,872
North Carolina	7,700	8,370	7,741	7,668	8,439	8,635	9,199	10,057
North Dakota	2,848	2,037	2,194	2,768	2,795	2,091	2,663	2,274
Ohio	19,351	18,914	19,148	19,685	21,390	22,601	24,828	27,209
Oklahoma	13,765	15,638	15,794	15,675	17,306	16,339	16,434	15,496
Oregon	4,469	4,337	4,254	4,287	4,591	4,623	5,100	4,997
Pennsylvania	14,878	16,263	14,823	14,577	15,739	17,592	19,232	20,513
Rhode Island	742	662	605	652	691	728	760	799
South Carolina	6,862	6,901	6,771	7,010	7,448	7,464	7,538	7,284
South Dakota	3,536	3,661	3,401	3,386	3,480	3,645	3,786	3,933
Tennessee	9,343	9,639	9,293	9,496	9,395	9,550	10,157	11,179
Texas	136,921	143,214	142,470	128,372	128,639	126,880	137,788	131,487
Utah	2,995	2,735	2,822	3,036	3,073	3,569	3,376	3,600
Vermont	153	140	140	151	167	192	204	204
Virginia	7,527	7,427	7,350	7,190	6,896	7,176	7,453	7,109
Washington	6,414	5,964	6,013	5,731	5,758	6,304	6,605	6,795
West Virginia	2,712	2,576	2,697	2,406	2,093	2,300	2,548	2,588
Wisconsin	9,824	9,962	9,222	9,690	10,099	11,833	12,944	14,219
Wyoming	4,013	4,304	4,274	4,040	4,159	4,054	4,405	4,263
Total	**603,507**	**627,266**	**616,091**	**589,960**	**612,176**	**619,514**	**662,058**	**662,069**

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016 January	2016 Total	December	November	October	September	August	2015 July
Alabama	18,682	186,819	15,719	15,146	15,339	14,943	15,358	15,830
Alaska	479	4,864	422	381	369	345	402	390
Arizona	2,030	20,402	2,029	1,882	1,604	1,446	1,487	1,498
Arkansas	8,607	85,287	7,301	7,201	6,903	6,342	6,455	6,434
California	64,280	777,102	66,909	63,511	64,415	65,899	71,454	69,806
Colorado	9,124	78,178	8,939	7,646	5,828	4,792	4,996	5,000
Connecticut	2,764	25,612	2,194	2,010	1,883	1,712	1,804	1,736
Delaware	2,821	33,126	3,040	2,682	2,590	2,448	2,636	2,668
District of Columbia	0	0	0	0	0	0	0	0
Florida	9,538	96,124	8,855	7,706	7,928	7,320	7,298	7,605
Georgia	14,369	157,937	13,423	13,324	13,742	12,274	12,720	13,006
Hawaii	47	442	36	36	43	37	41	38
Idaho[a]	3,644	31,664	3,399	3,311	3,028	2,561	2,412	2,091
Illinois	27,701	265,900	24,502	23,724	20,369	18,722	18,717	19,614
Indiana	36,935	372,537	33,407	29,891	28,801	26,669	28,121	28,246
Iowa	17,028	178,772	15,802	15,136	15,213	13,428	13,991	13,797
Kansas	11,783	121,064	12,396	9,972	9,125	8,723	10,837	11,029
Kentucky	12,020	116,524	10,000	9,814	8,890	8,512	8,841	8,479
Louisiana	90,384	949,421	85,222	81,626	79,578	77,875	80,615	77,128
Maine	1,681	20,972	1,526	1,510	1,670	1,590	1,555	1,591
Maryland	1,349	14,765	1,312	1,277	1,252	1,140	927	1,123
Massachusetts	5,579	44,554	4,043	4,042	3,051	2,574	2,215	2,265
Michigan	19,089	171,196	15,555	14,100	13,319	11,478	11,210	11,139
Minnesota	17,365	157,401	15,545	13,674	13,347	11,362	10,324	10,333
Mississippi	10,815	121,835	10,510	10,320	11,290	9,898	9,646	9,717
Missouri	6,858	65,691	6,158	5,560	4,912	4,551	4,399	4,742
Montana	2,055	21,920	2,178	2,009	1,878	1,714	1,970	1,441
Nebraska	7,243	85,604	7,161	7,848	7,320	6,508	7,106	7,738
Nevada	1,602	17,724	1,467	1,507	1,463	1,470	1,463	1,425
New Hampshire	873	8,386	743	709	619	605	566	606
New Jersey	6,059	55,368	4,211	4,575	4,156	4,079	4,039	4,218
New Mexico	1,541	17,937	1,571	1,613	1,476	1,345	1,434	1,379
New York	7,743	83,058	6,684	6,657	6,256	5,594	5,803	5,279
North Carolina	10,502	105,103	9,050	8,912	9,045	7,975	8,155	7,855
North Dakota	2,755	31,660	2,377	2,951	2,948	2,706	2,519	1,999
Ohio	29,701	276,004	23,373	22,474	20,128	18,521	19,080	19,463
Oklahoma	17,802	184,547	17,932	17,201	15,893	14,973	13,427	12,251
Oregon	5,724	53,632	5,136	4,720	4,273	3,990	4,064	3,919
Pennsylvania	21,106	212,050	18,318	17,002	16,747	15,240	15,364	15,910
Rhode Island	730	8,624	742	669	675	686	673	650
South Carolina	7,901	84,898	7,938	7,403	7,298	6,671	6,802	6,697
South Dakota	4,117	44,094	3,872	3,815	3,422	3,438	3,534	3,499
Tennessee	12,206	114,682	9,843	9,276	9,190	8,716	8,767	8,574
Texas	142,240	1,606,000	145,313	137,582	132,045	128,074	135,975	133,700
Utah	3,571	37,189	3,568	3,083	2,933	2,724	2,755	2,744
Vermont	220	2,040	188	178	188	150	153	156
Virginia	8,624	86,817	7,186	7,338	7,260	6,752	7,360	7,286
Washington	7,964	76,527	7,520	6,984	6,748	6,023	5,633	5,370
West Virginia	2,670	25,474	2,390	2,027	1,861	1,688	1,846	1,757
Wisconsin	15,969	136,709	12,901	12,329	10,777	9,133	9,153	8,853
Wyoming	4,539	47,667	4,626	4,196	3,906	3,644	3,765	3,826
Total	**720,427**	**7,521,903**	**674,532**	**638,537**	**612,994**	**579,061**	**599,867**	**591,900**

See footnotes at end of table.

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

State	June	May	April	March	February	January
						2015
Alabama	14,664	15,511	14,190	15,969	16,306	17,844
Alaska	376	397	395	439	450	497
Arizona	1,512	1,644	1,659	1,831	1,695	2,115
Arkansas	6,380	6,771	7,029	7,921	8,062	8,486
California	62,545	63,541	63,109	62,086	57,364	66,464
Colorado	4,872	5,976	6,060	7,135	8,041	8,894
Connecticut	1,733	1,816	2,082	2,936	2,728	2,978
Delaware	2,560	2,819	3,037	3,171	2,494	2,980
District of Columbia	0	0	0	0	0	0
Florida	7,572	8,064	7,994	8,562	8,416	8,804
Georgia	12,710	13,089	12,115	13,537	13,192	14,803
Hawaii	44	31	32	37	28	38
Idaho[a]	2,359	2,598	2,322	2,419	2,558	2,607
Illinois	18,206	19,770	20,616	24,665	27,785	29,210
Indiana	27,518	29,593	29,054	36,014	37,319	37,904
Iowa	13,627	14,433	13,906	15,493	16,578	17,368
Kansas	9,136	8,466	9,035	9,199	11,071	12,075
Kentucky	8,613	8,771	9,698	11,455	11,433	12,018
Louisiana	75,687	79,982	76,135	76,884	74,946	83,743
Maine	1,629	1,718	1,953	2,186	1,843	2,201
Maryland	1,168	1,141	1,135	1,351	1,353	1,584
Massachusetts	2,169	2,808	4,049	5,321	6,187	5,830
Michigan	10,687	11,570	14,382	17,712	19,139	20,906
Minnesota	10,718	11,133	13,355	15,419	15,370	16,822
Mississippi	9,893	9,642	9,617	9,983	10,327	10,991
Missouri	4,629	4,657	5,116	6,733	7,055	7,179
Montana	1,554	1,671	1,670	1,791	1,862	2,182
Nebraska	6,459	6,797	6,626	6,395	7,715	7,930
Nevada	1,386	1,438	1,558	1,546	1,376	1,625
New Hampshire	611	598	764	930	812	823
New Jersey	4,134	4,154	4,589	5,316	5,557	6,341
New Mexico	1,230	1,550	1,597	1,643	1,523	1,575
New York	5,363	5,776	7,332	9,509	9,427	9,379
North Carolina	7,794	8,132	8,546	9,856	9,375	10,411
North Dakota	2,452	2,835	2,510	2,940	2,687	2,736
Ohio	19,413	20,431	22,803	28,217	30,802	31,300
Oklahoma	12,772	15,911	15,171	15,918	15,206	17,893
Oregon	4,095	4,307	4,671	4,710	4,538	5,209
Pennsylvania	15,935	16,938	17,645	21,257	20,789	20,905
Rhode Island	666	701	848	760	826	728
South Carolina	6,700	6,892	7,121	7,647	6,119	7,611
South Dakota	3,571	3,524	3,706	3,722	3,967	4,025
Tennessee	8,801	8,581	9,194	10,717	11,510	11,513
Texas	130,022	134,880	129,764	133,061	125,336	140,247
Utah	2,994	3,073	3,092	3,152	3,483	3,586
Vermont	137	134	158	207	176	217
Virginia	7,320	7,646	7,711	6,605	6,805	7,550
Washington	5,698	5,995	6,187	6,874	6,249	7,246
West Virginia	1,916	1,874	2,245	2,672	2,669	2,529
Wisconsin	8,839	9,392	10,427	13,617	15,341	15,947
Wyoming	3,817	3,673	3,919	4,092	3,733	4,470
Total	**574,682**	**602,843**	**607,933**	**661,612**	**659,623**	**718,319**

[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

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

(million cubic feet)

State	2017 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	2017 September	August	July	June	May
Alabama	294,808	321,841	301,144	35,944	R41,897	R43,172	R33,591	R31,025
Alaska	19,217	16,987	22,959	2,580	R3,138	R3,069	R1,801	R1,399
Arizona	172,995	213,064	188,854	24,790	R31,187	R34,007	R27,483	R19,051
Arkansas	103,049	109,219	93,154	10,804	R14,136	R16,777	R13,484	R13,161
California	440,462	504,074	600,445	62,644	R78,129	R67,144	R49,360	R35,283
Colorado	76,576	76,658	66,269	9,230	R11,291	R12,640	R8,923	R7,270
Connecticut	80,879	93,459	88,546	8,407	R12,039	R11,121	R7,979	R6,615
Delaware	W	42,747	37,692	3,858	W	R5,647	R5,084	R5,029
District of Columbia	--	--	--	--	--	--	--	--
Florida	919,910	930,292	875,699	112,526	R128,095	R125,048	R109,711	R110,111
Georgia	287,510	303,310	270,996	33,751	R41,221	R39,787	R34,458	R30,774
Hawaii	--	--	--	--	--	--	--	--
Idaho	14,478	20,005	20,107	1,996	R2,458	R2,477	R1,338	R1,019
Illinois	120,965	117,794	62,084	13,137	R22,370	R18,398	R13,099	R8,923
Indiana	117,419	119,967	94,431	14,250	R16,466	R15,957	R12,097	R7,760
Iowa	19,725	18,003	13,426	3,190	R3,929	R3,782	R1,971	R1,451
Kansas	17,639	16,775	12,800	2,058	R2,867	R4,014	R2,593	R1,650
Kentucky	W	52,546	36,995	6,771	W	R11,052	R7,960	R6,422
Louisiana	208,442	269,185	252,756	25,762	R29,257	R30,189	R26,517	R23,978
Maine	W	18,702	12,256	W	W	W	W	W
Maryland	40,211	44,359	31,146	6,092	R5,817	R6,173	R4,681	R3,332
Massachusetts	130,509	131,652	125,232	13,588	R18,380	R17,721	R15,200	R13,278
Michigan	159,103	194,452	121,624	18,685	R21,339	R23,793	R17,753	R15,869
Minnesota	42,929	56,151	41,232	5,943	R7,253	R8,029	R3,962	R3,118
Mississippi	265,331	291,336	255,686	29,701	R36,372	R39,215	R30,524	R30,359
Missouri	W	42,193	31,840	5,375	W	R6,893	R4,497	R3,016
Montana	3,894	W	4,664	532	R726	R634	315	R319
Nebraska	4,645	5,019	3,875	587	R769	R1,514	450	342
Nevada	151,052	162,735	157,642	17,645	R22,431	R22,972	R19,268	R14,576
New Hampshire	21,028	26,201	32,797	3,324	3,468	2,923	2,505	1,776
New Jersey	221,764	258,502	214,172	24,065	R28,161	R32,064	R26,905	R22,381
New Mexico	58,599	64,274	59,515	6,607	R7,726	R9,184	R8,077	R6,100
New York	324,064	383,185	369,294	37,479	R48,336	R48,474	R38,265	R28,579
North Carolina	213,635	229,526	205,255	24,723	R27,519	R28,187	R24,252	R22,040
North Dakota	7,381	W	5,820	969	R1,107	1,124	762	628
Ohio	161,786	166,260	161,662	18,423	R25,877	R22,371	R17,279	R14,969
Oklahoma	183,716	218,497	194,609	21,593	R29,149	R34,749	R24,981	R18,725
Oregon	58,025	79,176	79,650	9,397	R11,688	R9,826	R3,119	R2,021
Pennsylvania	335,117	383,624	328,193	45,191	R48,923	R50,166	R38,532	R27,836
Rhode Island	W	38,258	38,785	4,003	W	R4,614	R3,866	R3,333
South Carolina	103,074	101,149	97,932	12,639	R13,440	R14,154	R11,977	R12,862
South Dakota	W	6,316	4,752	704	R863	R1,070	448	352
Tennessee	61,400	69,637	53,581	6,842	R8,279	R8,815	R7,194	R3,698
Texas	1,074,368	1,239,680	1,264,580	126,008	R166,592	R176,294	R142,345	R111,652
Utah	33,185	46,462	41,898	3,583	R6,210	R5,220	R3,671	R2,511
Vermont	10	9	17	1	1	*	1	2
Virginia	251,374	233,223	192,028	31,034	R35,334	R37,368	R33,500	R23,281
Washington	53,754	68,258	65,829	7,554	R10,246	R8,366	R3,610	R3,454
West Virginia	W	8,099	10,422	2,110	W	R1,618	R1,065	R492
Wisconsin	76,000	101,927	75,615	10,795	R12,360	R13,674	R8,063	R5,544
Wyoming	W	W	849	116	219	R293	85	W
Total	**7,139,336**	**7,909,870**	**7,320,810**	**868,856**	**R1,066,753**	**R1,084,043**	**R856,397**	**R708,833**

See footnotes at end of table.

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

	2017					2016		
State	April	March	February	January	Total	December	November	October
Alabama	R29,801	R30,469	R23,171	R25,739	415,162	30,859	30,500	31,962
Alaska	R1,513	R1,916	R1,469	R2,331	22,236	1,753	1,763	1,732
Arizona	R14,182	R7,356	R5,396	R9,543	255,593	9,577	12,145	20,806
Arkansas	R11,569	R10,931	R7,300	R4,888	136,368	7,172	10,868	9,109
California	R27,521	R31,607	R37,509	R51,266	671,152	52,512	51,615	62,951
Colorado	R7,365	R5,883	R5,680	R8,294	95,419	7,245	5,669	5,848
Connecticut	R7,006	R9,416	R8,141	R10,154	122,240	9,470	9,797	9,514
Delaware	R3,144	W	R2,782	R2,635	53,926	2,262	3,572	5,346
District of Columbia	--	--	--	--	--	--	--	--
Florida	R93,621	R90,376	R72,844	R77,579	1,180,649	76,560	76,861	96,936
Georgia	R24,363	R27,384	R27,300	R28,472	379,202	25,859	23,972	26,061
Hawaii	--	--	--	--	--	--	--	--
Idaho	R1,052	R1,324	R1,077	R1,738	23,971	1,766	834	1,366
Illinois	R6,684	R23,656	R7,353	R7,346	146,175	8,363	8,308	11,710
Indiana	R9,758	R17,386	R11,098	R12,645	158,414	13,562	13,587	11,299
Iowa	R1,612	R1,256	R952	R1,583	20,233	713	575	942
Kansas	R1,538	R1,442	R602	R875	20,324	931	1,262	1,356
Kentucky	R6,614	W	R4,300	R5,105	66,907	5,420	4,211	4,730
Louisiana	R20,985	R21,126	R15,637	R14,993	330,642	18,790	19,777	22,889
Maine	W	W	W	1,402	22,408	815	1,122	1,770
Maryland	R3,833	R5,643	R2,682	R1,958	49,059	822	570	3,308
Massachusetts	R13,691	R14,650	R11,508	R12,492	160,044	10,717	8,180	9,495
Michigan	R13,874	R19,052	R12,298	R16,439	243,612	15,356	16,947	16,857
Minnesota	R2,997	R3,812	R2,921	R4,894	65,606	2,906	3,268	3,282
Mississippi	R25,308	R29,513	R18,726	R25,613	367,456	27,475	21,372	27,273
Missouri	R2,771	W	R2,566	R2,977	51,135	3,601	2,189	3,153
Montana	R333	R343	R288	R404	7,306	W	W	W
Nebraska	210	358	143	273	6,358	196	674	469
Nevada	R11,953	R12,859	13,168	16,181	209,610	15,951	15,667	15,257
New Hampshire	3,572	1,464	893	1,104	33,841	2,200	3,078	2,362
New Jersey	R20,354	R29,952	R17,253	R20,628	327,628	21,684	19,960	27,481
New Mexico	R4,551	R5,096	R5,004	R6,254	82,929	6,174	5,270	7,211
New York	R25,878	R39,652	R26,506	R30,895	477,867	33,326	28,853	32,503
North Carolina	R18,342	R24,794	R21,761	R22,017	293,669	21,708	23,813	18,622
North Dakota	R629	R675	R624	R862	9,347	W	607	691
Ohio	R11,963	R21,863	R13,957	R15,084	211,732	15,615	15,568	14,289
Oklahoma	R16,893	R12,881	R10,643	R14,103	274,388	16,442	20,889	18,559
Oregon	R2,333	R3,256	R5,735	R10,649	107,069	12,339	7,788	7,767
Pennsylvania	R25,618	R35,088	R30,311	R33,452	500,656	38,553	38,967	39,512
Rhode Island	R3,115	W	R2,631	R2,886	46,974	2,844	2,903	2,968
South Carolina	R11,243	R9,969	R8,918	R7,872	133,130	7,370	13,620	10,992
South Dakota	W	452	R270	R490	7,574	272	512	473
Tennessee	R6,534	R9,805	R5,088	R5,145	87,680	7,931	3,688	6,423
Texas	R98,180	R93,044	R74,403	R85,850	1,538,663	90,872	96,452	111,658
Utah	R2,201	R2,215	R2,677	R4,897	58,008	4,215	3,313	4,019
Vermont	*	2	1	2	14	2	2	2
Virginia	R19,436	R26,385	R22,227	R22,809	292,826	20,812	20,785	18,007
Washington	R4,301	R4,373	R4,100	R7,749	85,403	7,455	4,674	5,017
West Virginia	W	W	W	W	10,311	164	386	1,662
Wisconsin	R5,616	R7,853	R5,223	R6,873	120,764	6,991	6,628	5,218
Wyoming	55	W	28	R97	1,844	W	W	W
Total	**R626,093**	**R724,188**	**R556,381**	**R647,792**	**9,983,526**	**668,757**	**663,538**	**741,360**

See footnotes at end of table.

Table 17

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

State	2016 September	August	July	June	May	April	March	February
Alabama	40,587	43,505	44,566	39,282	33,335	26,636	30,764	29,216
Alaska	1,952	2,200	2,044	1,756	1,755	1,645	1,745	1,810
Arizona	28,593	36,059	36,512	31,063	20,260	18,623	14,134	12,550
Arkansas	9,207	16,405	16,341	17,250	12,184	10,509	12,760	5,899
California	64,501	79,709	73,374	63,255	40,618	37,567	37,493	47,121
Colorado	6,793	10,126	11,675	10,289	7,741	8,614	7,331	6,294
Connecticut	9,817	12,137	11,476	9,275	10,263	11,348	8,938	9,698
Delaware	5,237	7,089	7,425	6,001	3,953	4,602	3,856	2,385
District of Columbia	--	--	--	--	--	--	--	--
Florida	108,803	120,587	122,353	114,263	106,961	100,187	90,908	79,470
Georgia	31,785	41,363	43,098	39,628	33,268	30,528	29,405	25,637
Hawaii	--	--	--	--	--	--	--	--
Idaho	2,671	3,698	2,549	2,006	1,407	628	1,760	2,412
Illinois	12,872	20,063	23,039	13,253	9,676	9,615	12,110	8,898
Indiana	11,936	16,077	15,793	13,958	13,693	9,428	13,879	11,811
Iowa	1,249	3,628	3,162	2,131	2,456	801	1,453	1,485
Kansas	2,735	2,847	3,163	3,117	1,685	1,104	947	510
Kentucky	5,454	7,597	8,026	6,732	4,992	4,493	6,026	3,711
Louisiana	28,503	31,968	38,721	33,611	30,795	25,600	27,286	24,777
Maine	1,834	3,562	3,252	1,770	1,920	1,409	607	1,896
Maryland	5,414	10,307	9,671	3,730	3,879	3,569	4,203	2,295
Massachusetts	14,211	21,417	21,351	17,569	15,482	11,546	10,627	9,811
Michigan	17,992	31,130	26,034	21,500	22,478	23,125	18,916	16,885
Minnesota	3,332	10,302	8,556	6,111	6,207	5,853	5,173	5,230
Mississippi	36,326	37,854	39,659	36,139	31,831	22,528	26,509	29,688
Missouri	4,845	6,815	7,273	6,992	4,019	4,780	2,543	2,547
Montana	618	1,051	885	670	W	W	553	578
Nebraska	291	1,119	1,100	1,389	318	463	150	101
Nevada	17,112	21,887	22,567	21,319	17,106	14,939	15,241	14,624
New Hampshire	3,909	4,582	4,147	2,854	3,009	3,609	749	1,145
New Jersey	30,078	41,217	39,592	30,423	24,014	23,970	24,419	21,012
New Mexico	7,250	8,608	9,227	7,704	6,387	6,358	6,092	5,806
New York	45,082	64,329	59,588	44,619	39,743	33,273	32,185	30,295
North Carolina	24,204	30,092	29,132	23,889	21,936	23,986	28,153	24,825
North Dakota	828	1,315	1,155	898	688	W	664	726
Ohio	18,191	23,086	22,704	17,398	11,353	16,437	18,110	19,207
Oklahoma	25,575	29,527	33,632	31,430	22,843	20,250	17,666	16,020
Oregon	13,139	14,263	10,464	7,950	3,346	3,089	7,255	9,330
Pennsylvania	47,277	57,598	57,177	47,121	35,691	33,444	36,647	33,433
Rhode Island	4,439	5,686	5,963	4,761	5,004	2,937	4,496	2,530
South Carolina	13,848	14,771	15,788	12,229	10,143	6,915	9,925	7,877
South Dakota	556	1,139	1,031	745	605	687	528	570
Tennessee	8,879	10,415	10,109	9,257	6,235	5,147	6,915	6,325
Texas	144,557	174,935	171,002	151,685	132,544	117,577	119,869	105,021
Utah	4,423	6,023	6,322	6,069	5,071	5,259	4,411	4,107
Vermont	3	3	1	--	2	*	1	--
Virginia	27,967	38,099	36,703	29,100	21,704	13,489	20,289	22,753
Washington	10,717	12,266	9,735	6,145	5,028	2,787	4,468	7,351
West Virginia	1,150	686	680	1,309	1,666	1,100	1,074	226
Wisconsin	8,027	15,103	14,065	11,524	9,688	9,693	13,267	10,324
Wyoming	W	W	W	W	W	W	W	W
Total	**914,908**	**1,154,593**	**1,142,161**	**971,342**	**805,702**	**721,262**	**742,605**	**686,335**

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 January	2016 Total	December	November	October	September	August	2015 July
Alabama	33,949	397,498	33,320	31,415	31,618	33,206	37,362	39,113
Alaska	2,080	30,207	2,636	2,498	2,114	1,846	2,225	2,366
Arizona	15,271	248,369	17,489	17,648	24,377	30,919	38,045	33,640
Arkansas	8,663	109,553	6,818	5,446	4,135	8,588	12,556	12,815
California	60,436	805,933	62,996	59,144	83,347	87,498	88,850	83,645
Colorado	7,795	92,304	8,428	9,707	7,901	9,346	9,911	9,396
Connecticut	10,507	119,907	11,213	9,833	10,315	10,733	12,406	11,634
Delaware	2,200	45,450	2,251	2,318	3,189	5,018	5,158	5,798
District of Columbia	--	--	--	--	--	--	--	--
Florida	86,759	1,156,605	89,257	91,640	100,010	105,618	112,839	110,857
Georgia	28,597	355,698	27,586	27,518	29,598	30,598	35,866	39,865
Hawaii	--	--	--	--	--	--	--	--
Idaho	2,873	27,710	2,857	2,236	2,510	2,900	3,629	3,182
Illinois	8,269	83,976	8,006	7,206	6,679	8,783	7,798	10,938
Indiana	13,392	127,964	13,496	11,416	8,621	7,777	9,932	10,272
Iowa	1,639	16,199	1,564	435	774	1,573	2,180	2,812
Kansas	667	14,624	647	664	513	1,457	2,012	3,116
Kentucky	5,514	51,723	3,333	5,309	6,086	4,825	4,723	6,197
Louisiana	27,924	342,506	31,251	29,293	29,206	27,478	33,918	36,917
Maine	2,451	18,034	1,439	1,815	2,524	1,591	1,856	1,176
Maryland	1,292	39,770	2,457	3,202	2,964	4,210	4,973	6,702
Massachusetts	9,641	156,795	9,089	8,386	14,089	16,911	23,712	23,110
Michigan	16,392	166,202	15,903	13,848	14,827	13,612	13,677	16,264
Minnesota	5,386	53,096	5,619	2,969	3,276	6,284	6,268	7,131
Mississippi	30,803	330,718	25,534	25,669	23,829	26,709	32,028	34,689
Missouri	2,379	38,633	2,887	2,285	1,620	3,403	5,561	6,396
Montana	636	6,558	789	591	514	59	683	356
Nebraska	87	4,255	129	149	102	433	826	1,164
Nevada	17,941	209,692	18,315	15,460	18,276	20,339	23,127	20,918
New Hampshire	2,196	42,673	2,706	3,795	3,375	3,922	4,622	4,211
New Jersey	23,777	283,447	22,007	23,683	23,585	29,315	29,196	30,696
New Mexico	6,840	78,337	7,078	5,614	6,130	6,610	8,656	7,914
New York	34,071	471,586	30,391	32,318	39,583	49,295	54,490	54,257
North Carolina	23,308	269,354	22,441	22,253	19,405	23,600	24,915	26,073
North Dakota	729	6,546	174	102	451	1,113	1,129	1,187
Ohio	19,773	208,222	17,120	15,766	13,674	17,698	19,302	20,036
Oklahoma	21,555	254,401	23,028	20,467	16,297	20,187	27,986	30,270
Oregon	10,340	113,519	11,787	11,133	10,949	11,743	11,706	12,432
Pennsylvania	35,235	437,976	35,771	36,127	37,886	39,530	47,012	47,447
Rhode Island	2,442	50,005	3,079	4,282	3,860	3,515	7,028	6,879
South Carolina	9,654	136,111	11,849	13,807	12,523	11,970	13,804	15,096
South Dakota	455	6,128	622	463	291	339	809	1,040
Tennessee	6,355	69,752	6,151	5,453	4,568	6,125	5,993	7,585
Texas	122,491	1,623,836	121,199	108,509	129,548	149,420	183,710	179,372
Utah	4,778	56,449	5,305	4,875	4,371	5,164	6,232	5,845
Vermont	*	19	1	1	*	1	*	*
Virginia	23,118	243,176	22,865	16,554	11,729	22,112	26,159	29,067
Washington	9,761	96,897	9,289	10,567	11,212	10,873	10,989	12,516
West Virginia	208	13,221	509	754	1,536	1,740	1,870	2,142
Wisconsin	10,235	100,502	9,852	7,642	7,393	8,950	8,706	10,791
Wyoming	W	1,233	72	150	161	108	154	216
Total	**770,962**	**9,613,370**	**768,606**	**732,413**	**791,541**	**895,044**	**1,026,590**	**1,045,542**

See footnotes at end of table.

Table 17

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

State	June	May	April	March	February	January
						2015
Alabama	36,718	32,391	24,902	30,383	31,360	35,709
Alaska	2,475	2,314	2,477	3,044	3,099	3,114
Arizona	30,516	13,127	13,276	9,360	8,648	11,324
Arkansas	9,908	7,400	8,840	10,639	12,428	9,981
California	73,309	50,951	52,671	54,168	46,537	62,816
Colorado	8,013	4,901	5,839	6,344	5,779	6,740
Connecticut	9,399	8,759	8,933	8,418	7,533	10,732
Delaware	4,594	5,004	5,527	2,146	1,451	2,994
District of Columbia	--	--	--	--	--	--
Florida	105,715	101,383	98,530	86,030	73,961	80,767
Georgia	33,548	27,969	22,113	25,734	25,998	29,304
Hawaii	--	--	--	--	--	--
Idaho	3,474	2,081	1,276	842	414	2,309
Illinois	7,069	4,645	5,327	5,834	5,582	6,108
Indiana	9,337	9,208	9,311	13,117	13,696	11,783
Iowa	1,563	784	686	1,235	1,265	1,328
Kansas	1,726	1,023	938	1,100	936	493
Kentucky	3,618	3,384	3,317	3,111	5,530	2,290
Louisiana	33,952	27,765	24,985	23,542	22,220	21,979
Maine	674	827	1,051	1,884	1,308	1,888
Maryland	4,489	4,496	2,680	1,351	1,245	1,001
Massachusetts	15,103	15,150	10,797	7,657	6,206	6,586
Michigan	13,328	11,924	10,037	14,332	14,499	13,951
Minnesota	4,567	2,180	4,348	4,629	3,452	2,373
Mississippi	32,118	26,176	20,019	26,789	30,586	26,571
Missouri	4,226	1,538	2,372	2,699	2,927	2,720
Montana	454	496	79	1,180	784	571
Nebraska	634	178	240	152	63	184
Nevada	21,420	15,544	16,108	13,635	13,405	13,145
New Hampshire	3,618	3,865	3,308	3,393	2,236	3,622
New Jersey	24,137	24,482	18,113	22,460	17,073	18,699
New Mexico	6,598	4,833	6,390	6,301	5,592	6,622
New York	39,800	39,074	28,508	39,614	29,201	35,055
North Carolina	26,615	23,790	19,169	19,126	20,049	21,918
North Dakota	458	98	948	270	576	38
Ohio	18,045	14,983	13,053	19,926	19,404	19,214
Oklahoma	22,032	17,039	16,856	18,835	20,714	20,692
Oregon	10,384	7,174	7,467	6,250	4,342	8,153
Pennsylvania	37,533	31,152	31,493	34,602	26,471	32,952
Rhode Island	6,127	5,728	2,478	3,170	1,702	2,156
South Carolina	14,729	10,045	9,328	8,512	7,181	7,267
South Dakota	664	535	301	66	484	516
Tennessee	7,019	6,502	4,480	4,220	6,909	4,748
Texas	145,182	122,352	117,283	127,251	113,522	126,489
Utah	5,560	4,621	3,864	3,409	3,267	3,937
Vermont	1	6	*	1	2	5
Virginia	26,227	22,131	12,706	18,274	17,648	17,704
Washington	9,992	5,976	4,488	4,517	1,860	4,618
West Virginia	1,612	1,211	803	358	430	256
Wisconsin	8,056	7,223	6,531	8,767	8,744	7,847
Wyoming	141	68	30	53	23	56
Total	**886,475**	**734,486**	**664,276**	**708,731**	**648,343**	**711,324**

[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.

* Volume is less than 500 Mcf.

W Withheld.

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

Source: 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 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	September	August	July	June	2017 May
Alabama	NA	504,202	487,018	53,264	R59,594	R60,681	NA	NA
Alaska	46,524	40,847	51,383	4,399	R4,533	R4,324	R3,331	R3,612
Arizona	NA	278,354	250,234	29,444	NA	R38,515	R32,329	R24,914
Arkansas	NA	225,109	218,224	21,282	R24,700	R26,838	R23,821	NA
California	NA	1,553,803	1,624,917	165,139	R182,741	R166,652	R146,640	R142,352
Colorado	248,802	254,085	235,492	19,695	R21,182	R22,131	R18,923	R23,244
Connecticut	171,055	178,065	188,795	13,716	R17,280	R16,444	R13,429	R13,422
Delaware	NA	81,340	80,068	NA	R8,876	R8,566	R8,273	R8,409
District of Columbia	NA	19,769	23,794	1,101	1,101	1,117	1,167	1,489
Florida	1,052,356	1,066,420	1,004,401	125,169	R141,627	R138,399	R122,962	R124,513
Georgia	503,466	536,188	520,238	50,755	R60,354	R58,400	R53,659	R50,904
Hawaii	NA	2,272	2,206	254	257	247	NA	248
Idaho	71,709	71,073	66,709	6,465	R5,976	R6,167	R5,105	R5,819
Illinois	NA	712,630	715,627	NA	R56,374	R51,527	R46,906	R57,659
Indiana	512,742	534,194	531,879	47,895	R48,772	R47,890	R43,264	R44,590
Iowa	257,814	228,506	227,278	23,394	R24,649	R24,296	R22,697	R24,428
Kansas	172,213	169,025	170,794	15,324	R16,884	R18,479	R15,712	R14,571
Kentucky	195,011	191,664	189,514	17,341	R19,124	R20,842	R18,337	R18,165
Louisiana	NA	1,094,843	1,007,417	118,440	R125,633	R123,861	NA	R116,724
Maine	35,577	40,763	38,170	3,494	R3,719	R3,854	R3,333	R3,196
Maryland	NA	158,187	159,541	12,208	R11,722	NA	R10,728	R11,679
Massachusetts	325,301	313,784	336,683	23,389	R27,720	R26,892	R25,424	R28,631
Michigan	590,167	630,998	610,206	43,500	R44,384	R44,950	R40,904	R51,327
Minnesota	313,407	322,121	307,236	23,944	25,567	R25,443	R22,734	R25,939
Mississippi	384,720	405,988	378,462	41,897	R48,658	R50,809	R42,185	R43,068
Missouri	NA	186,539	198,093	13,865	R15,314	R14,973	R13,005	R13,916
Montana	47,826	46,573	45,184	4,157	R3,584	R3,365	R2,936	R3,424
Nebraska	114,855	112,518	113,243	9,008	R9,702	R10,877	R8,839	R10,382
Nevada	218,160	226,899	216,519	22,615	R26,940	R27,564	R24,318	R20,309
New Hampshire	38,739	43,008	52,530	4,357	4,502	3,885	3,554	3,263
New Jersey	NA	565,840	576,704	NA	NA	NA	NA	R44,108
New Mexico	NA	114,785	111,011	9,892	R10,997	R12,410	R11,319	R10,129
New York	907,270	943,669	1,027,303	69,528	R79,851	R79,631	R72,766	R73,601
North Carolina	NA	391,300	373,500	36,691	R39,595	NA	R35,754	R34,817
North Dakota	47,300	43,986	45,137	3,520	R4,204	R4,168	R4,105	R4,401
Ohio	626,162	650,609	721,031	50,052	R55,503	R50,898	R46,355	R53,246
Oklahoma	391,453	422,945	401,580	40,975	R48,311	R53,124	R43,942	R39,298
Oregon	154,208	162,696	158,588	16,174	R17,665	R15,794	R10,120	R10,663
Pennsylvania	744,098	783,970	784,492	71,476	R74,379	R75,141	R64,964	R61,827
Rhode Island	NA	63,488	70,002	5,340	R5,907	R5,962	R5,315	R5,381
South Carolina	201,418	202,068	199,898	21,614	R22,730	R23,162	R20,974	R22,526
South Dakota	53,462	53,904	53,030	4,847	R4,988	R5,134	R4,599	R4,956
Tennessee	228,634	235,329	233,160	20,968	R22,338	R22,416	R21,221	R19,110
Texas	NA	2,712,860	2,757,632	273,831	R323,704	R336,851	R299,406	R264,750
Utah	130,483	142,783	128,140	9,844	R11,755	R11,180	R10,678	R10,527
Vermont	NA	8,407	8,738	594	566	538	NA	686
Virginia	NA	401,993	376,445	43,366	R47,294	NA	R45,775	R37,134
Washington	211,785	207,342	198,459	18,769	R20,239	R18,309	R14,228	R17,027
West Virginia	NA	62,810	66,077	6,429	R5,910	NA	R5,127	R5,119
Wisconsin	329,133	352,698	336,714	26,886	R28,828	R29,013	R23,785	R26,928
Wyoming	NA	56,413	51,478	NA	R4,861	R4,730	R4,842	R6,038
Total	**18,063,703**	**18,809,664**	**18,730,974**	**1,746,475**	**R1,949,079**	**R1,952,411**	**R1,733,431**	**R1,716,795**

See footnotes at end of table.

Table 18

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

State	2017 April	2017 March	2017 February	2017 January	2017 Total	2016 December	2016 November	2016 October
Alabama	NA	R53,519	R44,149	R51,653	659,864	56,079	50,106	49,477
Alaska	R4,542	R7,105	R6,316	R8,362	60,255	7,466	6,557	5,385
Arizona	R20,888	R15,994	NA	R22,513	343,766	20,335	18,967	26,109
Arkansas	R22,911	R25,771	R22,614	R25,215	297,218	27,869	24,318	19,922
California	R135,997	R156,277	R171,674	NA	2,113,847	216,061	175,988	167,994
Colorado	R27,354	R30,770	R34,554	R50,951	352,463	47,904	29,596	20,877
Connecticut	R16,331	R27,178	R24,124	R29,132	242,831	27,063	21,291	16,412
Delaware	NA	R10,643	R8,320	R9,333	107,383	8,615	8,198	9,230
District of Columbia	1,648	3,403	NA	4,180	27,891	4,219	2,591	1,311
Florida	R108,671	R107,120	R88,308	R95,587	1,362,542	93,316	91,852	110,955
Georgia	R44,910	R59,663	R57,292	R67,527	700,464	66,586	51,471	46,219
Hawaii	255	272	258	291	3,038	263	253	250
Idaho	R7,204	R8,894	R10,597	R15,481	101,365	14,737	8,337	7,219
Illinois	R63,170	R124,947	R101,813	R141,480	1,000,348	147,523	80,751	59,444
Indiana	R50,927	R77,640	R66,397	R85,366	728,625	90,269	59,594	44,567
Iowa	R27,034	R35,338	R33,704	R42,274	320,541	41,930	27,815	22,290
Kansas	R17,142	R21,864	R21,129	R31,107	233,168	31,567	18,581	13,995
Kentucky	R19,359	R28,057	R23,587	R30,199	261,248	31,751	21,106	16,727
Louisiana	R112,793	R116,932	R103,521	117,840	1,439,894	120,887	112,241	111,923
Maine	R3,680	R5,219	R4,179	R4,902	52,516	4,106	3,524	4,123
Maryland	R12,467	R27,974	R22,786	R27,645	211,245	26,172	15,446	11,439
Massachusetts	R34,517	R57,477	R47,164	R54,085	423,559	50,684	33,424	25,667
Michigan	R57,652	R102,891	R89,203	R115,356	868,762	112,282	72,216	53,267
Minnesota	R32,614	R47,889	R47,262	R62,016	438,623	55,334	34,918	26,250
Mississippi	R37,691	R44,657	R33,017	R42,739	521,948	44,364	34,269	37,327
Missouri	R15,417	R31,231	NA	R39,720	259,072	39,807	19,650	13,076
Montana	R4,946	R6,724	R7,975	R10,716	68,928	10,259	6,877	5,219
Nebraska	R11,874	R15,276	R16,888	R22,009	157,458	20,406	13,699	10,834
Nevada	R18,904	R22,027	24,437	31,046	299,327	28,659	22,816	20,953
New Hampshire	5,436	5,036	3,984	4,720	57,735	5,711	5,401	3,615
New Jersey	NA	NA	R71,118	NA	757,432	87,154	54,909	49,529
New Mexico	NA	NA	R12,992	R17,862	156,749	17,587	13,080	11,297
New York	R85,484	R158,526	R132,213	R155,671	1,270,049	147,632	100,958	77,791
North Carolina	R31,869	R48,621	R42,568	R50,992	519,746	51,738	44,370	32,338
North Dakota	R5,255	R6,950	R6,354	R8,342	62,448	7,651	5,517	5,295
Ohio	R56,673	R106,332	R91,252	R115,850	895,943	113,525	77,125	54,685
Oklahoma	R39,238	R38,985	R36,924	R50,656	556,210	52,904	43,200	37,161
Oregon	R13,412	R16,983	R21,399	R31,998	231,110	31,907	19,075	17,431
Pennsylvania	R66,100	R111,415	R100,072	R118,725	1,071,713	121,309	92,222	74,212
Rhode Island	R5,921	R9,325	NA	R8,642	83,489	8,493	6,360	5,149
South Carolina	R21,211	R23,983	R21,366	R23,852	272,617	23,557	26,519	20,473
South Dakota	R5,558	R7,161	R7,037	R9,182	74,246	8,862	6,331	5,148
Tennessee	R22,196	R34,245	R29,482	R36,660	319,637	40,553	23,357	20,398
Texas	R250,981	R264,018	NA	NA	3,532,732	294,558	258,950	266,363
Utah	R13,675	R14,555	R18,282	R29,987	199,918	27,878	17,127	12,130
Vermont	864	1,582	1,400	1,614	11,958	1,619	1,102	831
Virginia	R34,858	R53,587	R47,095	R54,618	526,260	50,171	42,276	31,820
Washington	R22,308	R28,101	R30,726	R42,077	293,106	40,128	24,061	21,575
West Virginia	R5,708	R10,186	R8,679	R10,655	88,541	10,795	8,018	6,918
Wisconsin	R31,948	R52,555	R46,915	R62,274	478,287	61,843	36,772	26,975
Wyoming	R6,615	R8,072	R8,221	R9,837	80,100	9,960	7,406	6,322
Total	**R1,748,929**	**R2,374,035**	**R2,147,246**	**R2,695,301**	**25,198,216**	**2,662,045**	**1,980,591**	**1,745,916**

See footnotes at end of table.

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

State	2016 September	August	July	June	May	April	March	February
Alabama	56,717	60,097	61,223	56,711	52,466	45,820	52,215	54,519
Alaska	4,086	3,634	3,397	3,318	3,707	4,272	5,533	5,874
Arizona	33,318	40,454	40,918	36,039	25,987	25,288	21,911	23,758
Arkansas	19,220	26,592	25,943	27,055	22,974	22,241	27,328	24,129
California	171,608	190,464	176,767	164,703	146,670	146,030	162,050	172,679
Colorado	17,022	19,637	21,025	20,069	23,564	30,297	35,470	38,549
Connecticut	14,910	17,231	16,640	14,296	17,097	21,086	21,446	26,676
Delaware	8,656	10,382	10,798	9,073	7,722	8,758	8,687	8,309
District of Columbia	951	987	1,004	987	1,436	2,062	2,448	4,765
Florida	122,262	134,016	136,065	127,256	121,405	115,695	107,367	96,619
Georgia	49,316	59,116	60,764	57,406	53,131	52,724	56,927	67,283
Hawaii	264	264	255	240	243	255	247	246
Idaho	6,844	7,173	6,278	5,404	5,639	5,449	9,255	11,151
Illinois	47,516	53,068	56,449	46,522	54,991	76,181	98,281	128,157
Indiana	44,086	48,757	48,937	47,406	52,920	55,396	65,839	78,712
Iowa	18,821	21,521	20,446	19,032	21,153	22,988	28,993	34,695
Kansas	13,778	17,564	16,813	15,453	14,954	15,157	19,308	24,444
Kentucky	15,610	18,069	17,993	16,802	17,186	18,381	24,224	28,577
Louisiana	116,158	122,571	130,304	121,899	122,334	115,393	120,365	115,837
Maine	3,772	5,474	5,155	3,556	4,097	4,055	3,757	4,996
Maryland	11,084	15,857	15,277	9,845	12,600	15,787	19,835	27,049
Massachusetts	23,643	30,399	30,268	27,109	30,052	34,643	39,653	47,203
Michigan	42,195	52,719	47,255	43,617	55,140	79,401	87,022	107,058
Minnesota	19,762	27,732	25,744	23,855	27,544	36,363	43,536	54,422
Mississippi	46,568	48,956	50,799	47,881	43,617	34,142	38,781	45,319
Missouri	12,986	14,852	15,409	15,335	14,512	17,901	21,970	32,646
Montana	4,018	3,839	3,677	3,459	4,293	4,668	6,481	7,104
Nebraska	9,596	11,886	11,227	10,473	9,747	11,195	12,944	15,949
Nevada	21,948	26,364	27,104	26,140	22,855	21,465	23,218	25,222
New Hampshire	4,922	5,502	5,074	3,840	4,370	5,664	3,328	4,402
New Jersey	47,327	59,140	59,150	50,093	48,141	58,178	67,606	80,721
New Mexico	10,601	11,661	12,343	11,140	10,494	11,343	13,081	15,046
New York	74,952	95,705	90,784	77,589	83,696	100,124	115,304	143,887
North Carolina	35,796	42,312	40,518	35,373	34,923	39,678	46,778	55,721
North Dakota	4,250	3,827	3,814	4,143	4,280	4,387	5,592	6,138
Ohio	47,207	51,768	50,330	46,157	49,937	72,611	84,823	114,118
Oklahoma	42,369	48,021	52,062	50,070	44,029	41,202	42,183	44,208
Oregon	19,812	19,938	16,584	14,427	10,822	11,770	19,818	22,413
Pennsylvania	71,216	82,461	80,626	71,845	67,633	78,716	91,685	112,651
Rhode Island	5,783	6,759	7,019	5,980	6,997	6,148	8,445	7,874
South Carolina	22,499	23,460	24,144	20,996	19,709	17,574	21,594	23,832
South Dakota	4,679	5,307	4,926	4,662	5,090	6,126	6,670	7,664
Tennessee	21,314	22,945	22,377	21,877	19,801	20,680	26,742	36,148
Texas	297,157	333,865	329,608	298,713	279,368	269,369	289,161	285,648
Utah	10,587	11,190	12,134	11,679	13,191	16,101	18,045	22,124
Vermont	596	575	584	574	663	1,073	1,122	1,490
Virginia	39,908	49,682	48,244	41,500	35,003	31,258	42,234	53,646
Washington	22,240	22,238	19,933	16,680	16,849	16,393	25,567	29,322
West Virginia	5,233	4,606	4,819	5,088	5,714	6,843	8,568	10,036
Wisconsin	23,408	30,261	28,528	26,992	29,433	39,987	49,884	57,711
Wyoming	5,063	5,380	5,217	4,942	5,943	6,294	7,366	7,543
Total	**1,773,634**	**2,026,278**	**2,002,753**	**1,825,301**	**1,786,119**	**1,904,613**	**2,160,690**	**2,454,291**

See footnotes at end of table.

Table 18

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

State	2016 January	2016 Total	December	November	October	September	August	2015 July
Alabama	64,432	642,529	54,982	51,040	49,489	50,086	54,599	56,806
Alaska	7,028	72,126	8,211	7,225	5,306	4,434	3,876	3,917
Arizona	30,682	336,030	30,504	25,860	29,432	35,335	42,348	38,149
Arkansas	29,627	275,572	23,306	19,044	14,998	18,174	22,088	22,239
California	222,833	2,238,223	233,993	194,636	184,678	187,006	195,602	189,714
Colorado	48,452	347,174	49,125	40,204	22,353	18,738	18,748	18,580
Connecticut	28,685	248,963	23,073	19,714	17,381	15,909	17,632	16,781
Delaware	8,956	101,567	7,574	6,888	7,037	8,088	8,401	9,035
District of Columbia	5,130	31,419	3,136	2,624	1,865	1,141	1,101	1,044
Florida	105,734	1,328,705	104,960	105,544	113,800	117,812	125,213	123,817
Georgia	79,521	687,008	58,304	55,942	52,525	49,225	54,749	58,833
Hawaii	258	2,922	250	227	239	232	239	242
Idaho	13,882	99,702	13,922	11,402	7,669	6,841	7,023	6,406
Illinois	151,465	966,363	107,941	85,107	57,688	43,482	42,179	45,902
Indiana	92,141	711,191	72,029	59,397	47,886	39,639	42,240	43,055
Iowa	40,857	306,899	32,790	25,330	21,501	18,031	18,721	19,398
Kansas	31,552	231,220	26,841	19,208	14,377	13,711	16,449	17,013
Kentucky	34,820	253,219	22,930	22,360	18,414	15,439	15,667	16,776
Louisiana	129,982	1,359,221	123,166	116,055	112,583	108,898	117,620	117,126
Maine	5,901	51,778	4,287	4,387	4,935	3,664	3,887	3,233
Maryland	30,854	207,816	18,802	16,636	12,836	9,873	10,485	12,444
Massachusetts	50,813	433,991	35,848	31,121	30,340	26,010	32,327	31,968
Michigan	116,592	818,159	84,766	69,425	53,762	36,302	36,156	38,035
Minnesota	63,162	421,158	51,440	35,555	26,927	22,743	22,035	22,278
Mississippi	49,925	495,596	40,301	39,572	37,262	38,510	43,315	45,994
Missouri	40,928	261,286	29,348	20,880	12,965	11,718	13,856	14,620
Montana	9,033	66,892	9,354	7,757	4,598	2,957	3,616	2,777
Nebraska	19,501	154,040	17,031	13,642	10,124	8,592	9,676	10,980
Nevada	32,583	295,435	31,266	24,391	23,259	24,802	27,596	25,168
New Hampshire	5,907	68,596	5,388	6,039	4,639	4,925	5,571	5,202
New Jersey	95,484	739,413	62,020	55,589	45,099	45,046	45,019	47,893
New Mexico	19,076	154,611	18,986	14,137	10,476	9,852	12,012	11,096
New York	161,628	1,321,405	110,651	97,650	85,801	79,377	85,551	84,611
North Carolina	60,201	494,236	42,741	42,679	35,315	35,567	36,748	37,444
North Dakota	7,555	61,077	6,048	5,320	4,572	4,337	4,167	3,661
Ohio	133,657	936,649	87,464	73,041	55,112	45,403	47,860	49,234
Oklahoma	58,800	540,782	55,967	47,163	36,072	38,036	44,244	45,294
Oregon	27,111	230,032	28,028	24,915	18,501	18,115	17,525	18,144
Pennsylvania	127,137	1,038,320	93,466	84,267	76,095	64,808	71,126	71,941
Rhode Island	8,482	90,780	6,913	7,621	6,244	4,847	8,366	8,236
South Carolina	28,260	273,217	24,814	25,796	22,709	20,583	22,520	23,633
South Dakota	8,779	72,407	8,056	6,566	4,755	4,316	4,873	5,033
Tennessee	43,445	305,050	28,915	24,195	18,780	18,242	17,834	19,253
Texas	329,971	3,621,488	313,833	271,193	278,831	292,889	334,353	330,573
Utah	27,733	188,297	28,205	21,114	10,838	10,247	11,740	11,431
Vermont	1,730	11,814	1,173	1,028	876	566	544	587
Virginia	60,518	484,836	44,426	36,525	27,441	34,381	37,663	40,618
Washington	38,121	295,715	36,997	34,844	25,415	22,065	20,291	21,691
West Virginia	11,903	86,566	7,403	6,870	6,216	4,947	4,925	5,148
Wisconsin	66,495	454,356	49,559	38,829	29,255	23,459	23,143	24,913
Wyoming	8,665	73,433	9,372	7,474	5,109	4,558	4,418	4,709
Total	**2,875,986**	**24,989,285**	**2,389,902**	**2,064,029**	**1,804,380**	**1,723,960**	**1,867,936**	**1,882,675**

See footnotes at end of table.

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

State	June	May	April	March	February	January
						2015
Alabama	53,287	50,458	42,260	52,388	60,953	66,181
Alaska	4,014	4,742	5,893	7,926	7,753	8,828
Arizona	35,407	18,984	19,730	17,365	17,872	25,044
Arkansas	19,362	17,770	20,688	28,737	35,279	33,888
California	174,388	162,529	164,979	168,835	165,799	216,065
Colorado	17,982	21,759	24,301	31,835	37,360	46,190
Connecticut	14,703	15,300	20,226	27,426	28,813	32,005
Delaware	7,777	8,534	10,089	8,898	8,576	10,671
District of Columbia	1,143	1,250	1,942	4,299	5,596	6,278
Florida	118,863	114,992	112,873	101,420	90,983	98,429
Georgia	52,162	48,174	43,196	57,083	76,170	80,644
Hawaii	244	228	254	252	237	278
Idaho	7,050	6,441	6,581	6,953	7,453	11,961
Illinois	42,018	46,823	67,860	112,156	158,444	156,762
Indiana	41,480	45,248	52,110	77,653	96,065	94,388
Iowa	18,390	19,485	21,863	30,483	40,491	40,417
Kansas	13,538	13,073	14,411	21,436	29,406	31,757
Kentucky	14,264	14,583	17,071	25,999	36,558	33,156
Louisiana	112,809	111,508	105,050	107,330	108,488	118,589
Maine	2,782	3,029	4,061	5,879	5,345	6,290
Maryland	10,299	10,812	13,763	25,471	33,570	32,824
Massachusetts	24,702	26,798	32,698	48,538	56,909	56,732
Michigan	36,079	41,295	60,297	98,500	133,779	129,763
Minnesota	20,335	21,246	32,486	46,463	60,511	59,139
Mississippi	43,684	37,611	31,832	41,983	48,835	46,698
Missouri	12,508	11,082	18,030	33,837	42,310	40,132
Montana	2,995	4,065	4,610	6,990	7,852	9,322
Nebraska	9,350	9,783	10,964	13,898	19,657	20,344
Nevada	26,234	21,097	22,535	21,303	22,056	25,728
New Hampshire	4,693	5,019	5,347	6,981	6,673	8,118
New Jersey	41,009	44,959	59,283	91,613	101,480	100,401
New Mexico	10,345	9,324	11,408	13,473	15,205	18,296
New York	71,536	79,062	94,938	165,966	180,721	185,541
North Carolina	38,410	35,730	33,961	41,790	56,908	56,943
North Dakota	3,428	3,961	5,012	5,980	7,547	7,045
Ohio	48,812	51,753	71,031	120,107	144,778	142,053
Oklahoma	37,710	36,866	37,061	46,515	56,194	59,662
Oregon	16,432	14,732	17,588	16,876	15,831	23,345
Pennsylvania	64,046	61,527	76,893	115,060	128,927	130,164
Rhode Island	7,608	7,399	5,631	9,183	9,167	9,565
South Carolina	23,246	19,169	19,143	21,614	24,316	25,674
South Dakota	4,836	5,065	5,462	6,249	8,383	8,814
Tennessee	19,184	19,164	19,711	29,718	47,266	42,787
Texas	292,544	274,677	271,023	315,617	297,837	348,119
Utah	11,926	13,020	14,525	14,704	17,202	23,346
Vermont	569	500	895	1,493	1,748	1,836
Virginia	37,862	34,839	29,204	47,104	58,062	56,711
Washington	20,046	18,051	20,853	23,430	21,525	30,508
West Virginia	4,761	4,884	6,421	10,777	12,611	11,602
Wisconsin	22,226	24,965	33,066	50,434	68,372	66,135
Wyoming	4,830	5,393	5,824	6,520	6,818	8,407
Total	**1,723,906**	**1,678,755**	**1,826,933**	**2,392,542**	**2,730,693**	**2,903,574**

[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*."

Table 19

Table 19. Average citygate price, by state, 2015-2017

(dollars per thousand cubic feet)

State	2017 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	2017 September	August	July	June	May
Alabama	3.91	3.28	4.01	3.63	3.90	4.02	3.96	3.92
Alaska	NA	6.60	6.63	6.29	5.83	5.76	5.69	6.02
Arizona	4.32	3.84	4.59	3.93	4.01	4.14	4.14	3.75
Arkansas	4.97	4.31	4.91	6.30	6.67	6.72	6.85	5.73
California	3.48	2.72	3.35	3.09	3.22	3.47	3.55	3.38
Colorado	4.02	3.42	4.34	5.10	4.65	5.09	4.68	3.98
Connecticut	4.74	3.56	4.21	5.66	5.79	6.08	6.58	5.85
Delaware	NA	5.06	6.00	10.40	NA	10.42	9.94	7.65
District of Columbia	--	--	--	--	--	--	--	--
Florida	NA	3.78	5.10	5.40	5.31	NA	NA	NA
Georgia	4.26	3.51	3.91	4.23	4.07	4.21	4.28	4.22
Hawaii	16.38	13.65	19.25	17.18	17.63	16.17	15.06	16.46
Idaho	3.03	3.21	4.28	2.27	2.41	2.47	3.29	3.04
Illinois	NA	3.25	3.98	NA	NA	3.76	NA	3.48
Indiana	4.00	3.46	4.18	4.34	4.74	4.97	4.87	4.28
Iowa	NA	3.64	4.48	3.69	3.87	4.08	4.34	NA
Kansas	4.68	3.95	4.81	6.26	5.72	5.37	6.24	5.86
Kentucky	NA	3.20	4.08	3.70	3.41	3.59	3.73	NA
Louisiana	3.28	3.47	3.49	2.85	2.84	2.97	2.94	3.08
Maine	6.40	6.67	9.47	5.66	6.09	7.67	5.46	5.00
Maryland	4.97	4.17	5.11	6.72	6.85	6.87	7.29	6.23
Massachusetts	5.35	4.43	5.97	8.86	9.24	9.61	9.04	6.38
Michigan	3.61	3.57	4.35	3.10	3.09	3.10	3.35	3.43
Minnesota	4.08	3.55	4.64	4.14	4.33	4.46	4.49	3.80
Mississippi	4.47	3.50	3.89	4.49	4.62	4.68	4.78	4.59
Missouri	4.96	4.17	4.91	7.09	7.68	7.26	7.15	5.86
Montana	NA	3.06	4.06	NA	3.41	2.90	3.30	3.61
Nebraska	NA	3.70	4.59	5.08	NA	NA	NA	NA
Nevada	4.32	3.57	4.44	4.01	4.39	4.50	4.52	4.13
New Hampshire	NA	5.52	8.47	8.23	7.41	8.42	NA	5.50
New Jersey	NA	3.89	5.02	NA	4.37	4.61	4.73	4.56
New Mexico	NA	2.79	3.59	3.41	3.60	3.59	3.61	3.43
New York	4.36	3.53	4.24	6.96	7.11	7.39	7.18	6.00
North Carolina	4.24	3.33	4.02	5.09	5.41	5.83	5.87	5.28
North Dakota	4.29	3.63	4.60	4.38	4.03	3.92	4.35	3.99
Ohio	NA	3.16	4.60	2.11	2.12	NA	NA	NA
Oklahoma	NA	3.90	4.68	5.79	5.95	NA	5.90	5.44
Oregon	4.05	4.26	5.01	4.69	5.97	5.71	5.29	4.56
Pennsylvania	4.48	3.65	4.48	5.42	6.23	7.30	6.85	5.37
Rhode Island	2.22	2.19	3.40	2.29	2.34	2.37	2.41	2.36
South Carolina	NA	3.50	4.07	4.14	3.99	4.11	4.23	4.27
South Dakota	4.18	3.43	4.16	4.42	4.36	4.40	4.60	3.77
Tennessee	4.18	3.24	4.22	4.20	4.17	4.47	4.28	4.18
Texas	4.69	3.71	4.20	4.47	4.09	4.19	4.28	4.59
Utah	5.16	5.15	5.82	3.85	3.70	3.69	4.90	4.79
Vermont	NA	5.28	6.71	4.48	4.44	4.31	4.74	4.69
Virginia	NA	4.01	5.03	NA	NA	NA	NA	NA
Washington	NA	3.56	4.89	3.93	4.78	4.21	4.43	4.26
West Virginia	NA	3.49	4.11	5.10	NA	NA	6.40	4.87
Wisconsin	4.34	3.71	4.92	4.59	4.55	4.82	5.26	4.24
Wyoming	3.94	3.40	4.58	3.45	3.82	3.98	3.79	3.24
Total	**4.22**	**3.59**	**4.43**	**4.55**	R**4.57**	**4.67**	**4.78**	**4.39**

See footnotes at end of table.

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

	2017				2016			
State	April	March	February	January	Total	December	November	October
Alabama	3.65	3.59	4.23	4.13	3.44	3.78	3.85	4.20
Alaska	6.96	7.42	7.54	NA	6.79	7.29	6.82	7.10
Arizona	3.98	4.95	4.71	4.37	4.07	4.74	4.91	4.09
Arkansas	5.83	4.35	4.37	4.17	4.29	3.83	4.37	6.02
California	3.31	3.15	3.59	3.87	2.96	3.64	3.30	3.51
Colorado	3.66	3.65	3.91	3.92	3.56	3.61	3.88	4.73
Connecticut	4.97	3.53	4.45	4.45	3.57	3.90	3.31	3.13
Delaware	NA	4.26	4.62	4.34	4.91	4.28	4.17	6.15
District of Columbia	--	--	--	--	--	--	--	--
Florida	NA	NA	NA	NA	4.04	5.47	4.92	4.45
Georgia	4.29	3.72	4.43	4.69	3.67	4.08	4.04	4.26
Hawaii	16.05	17.38	16.20	15.34	13.81	14.75	12.93	15.07
Idaho	2.71	3.31	3.14	3.17	3.21	3.16	3.29	3.18
Illinois	4.15	4.06	3.56	3.95	3.38	3.63	3.38	4.25
Indiana	4.25	3.72	3.89	3.81	3.58	3.84	3.63	4.26
Iowa	NA	4.08	4.42	4.51	3.77	4.04	4.14	4.18
Kansas	4.81	3.99	4.18	4.24	4.02	3.75	4.43	6.27
Kentucky	4.46	NA	4.19	NA	3.35	3.77	3.53	3.63
Louisiana	3.12	3.31	3.81	3.91	3.65	4.18	4.23	3.98
Maine	5.30	5.54	7.58	7.36	6.41	6.33	6.25	4.23
Maryland	6.06	4.05	4.69	4.43	4.18	3.96	4.20	5.42
Massachusetts	5.46	4.06	4.53	4.66	4.49	4.61	4.16	5.36
Michigan	3.78	3.48	3.71	3.84	3.57	3.54	3.65	3.53
Minnesota	3.51	3.77	4.23	4.30	3.71	4.05	4.17	3.71
Mississippi	3.95	3.88	4.20	5.02	3.78	4.77	4.14	4.17
Missouri	5.15	4.07	4.45	4.21	4.22	3.96	4.31	6.21
Montana	3.47	3.54	3.56	3.14	3.05	2.87	3.17	3.33
Nebraska	NA	NA	NA	4.34	3.75	3.67	3.99	4.19
Nevada	4.40	4.05	4.34	4.46	3.73	4.18	3.70	4.10
New Hampshire	4.64	4.37	NA	NA	5.30	5.32	4.60	3.80
New Jersey	4.26	4.32	4.48	4.52	3.93	4.14	3.94	3.75
New Mexico	3.31	NA	3.82	3.93	3.05	3.77	3.22	3.62
New York	4.23	3.27	3.64	3.85	3.57	3.85	3.42	3.61
North Carolina	4.91	3.36	3.72	3.87	3.44	3.72	3.33	4.43
North Dakota	4.11	3.88	4.53	4.58	3.88	4.10	4.64	4.51
Ohio	NA	NA	4.41	4.02	3.27	3.62	3.43	3.09
Oklahoma	4.64	4.22	4.26	4.46	3.98	4.04	4.00	5.03
Oregon	3.90	3.59	3.59	3.69	4.15	3.77	4.03	4.40
Pennsylvania	5.07	3.86	4.20	4.07	3.72	3.72	4.08	3.98
Rhode Island	2.30	2.20	2.18	2.12	2.12	1.99	1.96	1.96
South Carolina	4.45	3.96	4.40	NA	3.64	4.44	3.66	4.01
South Dakota	3.90	3.79	4.38	4.35	3.65	3.92	4.25	4.20
Tennessee	4.36	3.91	4.16	4.24	3.42	3.73	3.90	4.26
Texas	4.43	4.85	5.14	5.28	4.09	5.36	5.10	4.93
Utah	4.78	5.94	5.97	5.37	5.15	5.35	5.00	4.82
Vermont	5.26	4.98	5.69	NA	5.13	5.11	4.74	4.08
Virginia	5.59	3.98	4.07	3.90	3.99	3.68	3.87	5.37
Washington	3.64	3.04	3.47	NA	3.66	3.58	4.14	4.20
West Virginia	4.26	3.32	3.68	3.63	3.46	3.30	3.45	3.73
Wisconsin	4.08	3.82	4.39	4.46	3.81	3.88	4.23	4.37
Wyoming	3.71	3.89	4.23	4.27	3.53	4.00	3.48	3.76
Total	**4.17**	**3.83**	**4.13**	**4.21**	**3.71**	**3.96**	**3.90**	**4.19**

See footnotes at end of table.

Table 19

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

State	2016 September	August	July	June	May	April	March	February
Alabama	3.89	3.89	3.89	3.34	2.99	2.90	3.00	3.18
Alaska	6.58	6.19	6.12	6.03	6.21	6.37	6.72	6.85
Arizona	3.92	3.86	4.05	3.31	2.77	3.03	4.85	4.60
Arkansas	5.69	6.22	6.68	6.16	4.79	4.60	4.53	3.76
California	3.56	3.29	3.34	2.52	2.49	2.25	2.30	2.65
Colorado	5.27	4.81	5.16	4.22	3.25	2.78	3.43	3.23
Connecticut	4.29	4.20	4.69	4.58	3.85	3.20	3.09	3.45
Delaware	8.20	8.50	8.77	8.53	6.24	5.03	4.70	3.84
District of Columbia	--	--	--	--	--	--	--	--
Florida	4.13	3.92	3.93	3.46	3.50	3.37	3.83	3.95
Georgia	4.30	4.01	4.32	3.44	3.37	3.19	3.21	3.25
Hawaii	14.06	13.33	13.54	17.26	16.20	14.19	13.19	10.52
Idaho	3.29	2.69	2.62	2.52	3.22	2.79	3.67	3.47
Illinois	5.19	4.66	4.25	3.72	3.10	3.39	3.33	2.79
Indiana	4.80	4.92	5.25	4.38	3.27	2.93	3.48	3.27
Iowa	4.47	3.91	3.94	3.67	3.01	3.46	3.70	3.57
Kansas	6.65	5.63	5.33	5.57	4.41	4.27	3.52	3.25
Kentucky	3.45	3.26	3.47	2.85	2.85	2.97	3.26	3.26
Louisiana	4.07	3.85	4.00	3.16	2.99	3.03	3.32	3.49
Maine	5.17	4.64	5.30	5.40	3.83	3.57	7.53	8.85
Maryland	7.54	7.65	8.57	7.14	4.57	3.89	4.34	3.52
Massachusetts	8.26	6.95	7.49	5.90	4.72	3.94	3.40	4.30
Michigan	3.35	3.08	3.19	2.76	2.87	2.91	3.90	3.84
Minnesota	4.38	4.28	3.88	3.49	2.98	2.94	3.77	3.65
Mississippi	3.90	3.79	4.04	3.46	3.19	3.36	3.18	3.85
Missouri	6.64	6.96	7.08	5.58	5.16	4.50	3.85	3.43
Montana	3.45	3.34	3.65	2.50	2.28	2.42	3.03	3.43
Nebraska	3.65	3.90	4.44	3.17	3.00	3.14	4.16	3.80
Nevada	4.45	4.76	4.50	3.74	3.19	3.16	3.18	3.56
New Hampshire	5.34	4.73	6.79	5.79	3.87	2.72	3.57	7.03
New Jersey	4.02	3.75	3.92	3.91	3.80	3.81	3.98	3.94
New Mexico	3.46	3.39	3.50	2.89	2.43	2.23	2.75	2.80
New York	6.30	6.85	6.58	5.65	4.26	3.03	2.84	2.92
North Carolina	4.76	4.83	5.28	4.38	3.71	3.21	3.10	2.87
North Dakota	4.52	4.18	4.36	2.83	2.71	2.97	3.65	3.84
Ohio	2.43	2.56	2.69	2.46	2.61	2.41	3.09	3.55
Oklahoma	5.29	5.39	5.51	4.77	3.83	3.73	3.58	3.69
Oregon	5.96	5.33	5.85	5.18	4.65	4.15	3.63	3.96
Pennsylvania	5.92	5.57	6.55	6.36	4.35	3.28	3.98	3.18
Rhode Island	2.01	2.03	2.06	2.05	2.09	2.14	2.22	2.24
South Carolina	3.94	3.75	3.87	3.43	3.08	3.37	3.41	3.27
South Dakota	4.73	4.82	4.47	3.06	2.28	2.47	3.40	3.49
Tennessee	3.99	3.64	3.88	3.19	3.01	2.97	3.11	3.14
Texas	4.16	4.00	3.94	3.41	3.20	3.20	3.60	3.87
Utah	3.86	3.24	3.37	3.58	4.60	4.63	6.06	6.05
Vermont	4.21	4.22	4.01	4.24	4.96	4.85	6.93	5.98
Virginia	6.50	7.04	6.25	6.42	4.38	3.92	3.72	3.31
Washington	4.85	4.35	4.56	3.57	3.85	3.43	3.12	3.63
West Virginia	5.14	5.08	5.59	4.62	3.41	3.18	3.26	3.38
Wisconsin	4.93	4.18	4.36	3.75	3.38	3.11	3.57	3.85
Wyoming	3.46	3.38	3.19	2.56	3.07	3.10	3.47	3.75
Total	**4.60**	**4.33**	**4.42**	**3.84**	**3.44**	**3.22**	**3.49**	**3.48**

See footnotes at end of table.

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

	2016							2015
State	January	Total	December	November	October	September	August	July
Alabama	3.22	3.91	3.27	3.61	3.83	3.81	4.04	3.94
Alaska	6.93	6.57	6.53	6.56	6.11	5.90	5.80	5.60
Arizona	3.64	4.38	3.65	4.42	4.25	4.48	4.53	4.55
Arkansas	3.43	4.77	4.00	4.16	5.63	5.58	6.92	7.11
California	2.72	3.27	3.02	3.08	3.32	3.42	3.55	3.56
Colorado	3.09	3.98	3.07	3.24	4.60	5.60	5.59	5.33
Connecticut	3.27	4.07	3.80	3.36	3.58	4.59	4.45	4.58
Delaware	3.81	5.87	4.98	5.14	6.54	10.35	10.03	10.56
District of Columbia	--	--	--	--	--	--	--	--
Florida	3.86	4.87	4.00	4.84	4.17	4.53	4.44	4.87
Georgia	3.35	3.83	3.51	3.37	3.80	4.14	4.16	4.16
Hawaii	10.93	18.11	14.81	14.92	14.59	15.38	17.72	22.97
Idaho	3.20	3.95	3.34	3.52	3.75	3.67	4.50	4.65
Illinois	3.12	3.82	3.43	3.17	3.61	4.91	4.75	5.12
Indiana	3.28	4.03	3.52	3.62	3.68	4.58	4.82	4.57
Iowa	3.61	4.29	3.79	3.81	3.58	4.62	4.61	4.54
Kansas	3.25	4.59	3.55	3.94	5.53	6.43	5.66	5.39
Kentucky	3.24	3.96	3.85	3.21	3.41	3.34	3.41	3.44
Louisiana	3.51	3.32	2.95	2.62	2.95	3.08	3.28	3.48
Maine	7.76	8.76	8.01	7.52	4.38	5.52	5.39	9.76
Maryland	3.30	5.01	5.19	4.26	4.07	7.19	8.89	7.53
Massachusetts	3.93	5.72	5.42	4.42	4.62	7.59	7.15	7.30
Michigan	3.80	4.23	3.95	3.87	3.65	3.60	3.82	3.82
Minnesota	3.43	4.39	3.65	4.06	3.51	4.49	4.52	4.68
Mississippi	3.28	3.86	4.29	3.02	3.68	3.64	3.82	3.81
Missouri	3.32	4.64	3.48	3.86	5.33	6.73	7.26	7.35
Montana	3.23	3.71	3.25	2.87	3.28	3.10	3.36	3.43
Nebraska	3.65	4.32	3.23	3.83	4.04	4.68	4.16	4.11
Nevada	3.38	4.06	3.15	3.57	4.40	4.38	4.64	4.53
New Hampshire	7.02	7.64	6.40	4.34	3.59	5.90	7.17	7.87
New Jersey	3.84	4.87	4.27	4.30	4.37	5.00	4.84	4.70
New Mexico	2.72	3.32	2.76	2.80	3.34	3.57	3.74	3.64
New York	2.62	4.15	3.56	3.54	4.57	7.12	7.07	7.01
North Carolina	2.98	3.81	3.10	2.79	3.88	4.43	4.68	4.64
North Dakota	3.76	4.46	3.94	4.16	4.58	5.00	4.32	3.56
Ohio	3.60	4.49	3.75	3.45	3.02	2.34	3.04	3.24
Oklahoma	3.62	4.59	3.86	4.22	5.28	5.45	5.43	5.17
Oregon	3.71	4.65	3.72	3.92	5.15	5.19	5.84	6.30
Pennsylvania	3.04	4.38	4.10	4.24	3.79	6.30	6.22	5.85
Rhode Island	2.23	3.14	2.21	2.22	2.24	2.31	2.41	2.52
South Carolina	3.42	3.90	3.48	3.20	3.56	4.01	3.96	3.97
South Dakota	3.65	4.16	4.01	4.19	4.60	4.72	4.44	4.11
Tennessee	3.21	4.06	3.45	3.49	3.80	4.03	4.00	4.12
Texas	3.79	4.19	4.37	3.90	4.17	3.73	3.86	3.94
Utah	5.61	5.70	5.96	4.84	5.49	4.18	3.96	4.34
Vermont	5.52	6.33	5.93	5.08	4.59	5.96	6.34	6.39
Virginia	3.40	4.87	4.36	4.07	4.75	5.61	7.36	7.00
Washington	3.21	4.42	3.46	3.51	4.25	5.08	5.84	5.29
West Virginia	3.13	4.00	3.63	3.57	3.60	4.77	4.72	5.37
Wisconsin	3.62	4.71	3.96	4.21	4.25	5.61	5.95	5.68
Wyoming	3.62	4.36	3.89	3.88	4.09	3.89	3.50	3.06
Total	**3.39**	**4.26**	**3.75**	**3.69**	**4.00**	**4.56**	**4.59**	**4.65**

See footnotes at end of table.

Table 19

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

State	June	May	April	March	February	January
						2015
Alabama	3.96	3.84	4.08	4.12	3.89	4.18
Alaska	5.61	5.80	6.22	6.86	7.21	7.43
Arizona	4.29	3.81	3.95	5.45	5.08	4.52
Arkansas	6.56	5.52	6.31	4.87	4.27	4.48
California	3.42	2.96	3.13	3.27	3.30	3.58
Colorado	5.20	4.22	4.11	4.45	4.24	3.92
Connecticut	4.58	4.49	3.28	3.89	4.50	4.26
Delaware	10.05	9.71	6.31	4.89	5.29	4.62
District of Columbia	--	--	--	--	--	--
Florida	5.12	4.85	5.24	6.30	5.25	5.33
Georgia	4.23	3.93	4.04	3.81	3.56	3.89
Hawaii	25.54	22.92	19.95	18.30	17.90	13.58
Idaho	3.99	3.81	3.42	4.86	4.66	4.27
Illinois	4.09	3.95	3.54	3.81	4.06	3.87
Indiana	4.61	4.26	3.55	4.23	4.09	4.23
Iowa	3.63	4.32	4.12	4.69	4.26	4.81
Kansas	6.04	5.72	3.64	4.35	4.25	5.27
Kentucky	3.97	3.78	3.75	4.24	4.04	4.48
Louisiana	3.22	3.04	3.08	3.69	3.86	4.15
Maine	7.37	7.25	6.30	9.28	11.79	10.83
Maryland	6.67	5.94	4.14	4.40	5.60	4.61
Massachusetts	6.25	6.74	3.93	4.96	7.43	5.44
Michigan	3.92	3.71	3.84	4.38	4.55	4.63
Minnesota	4.29	3.66	3.83	5.36	4.69	4.72
Mississippi	3.83	3.64	3.46	4.07	3.63	4.37
Missouri	6.97	6.51	5.47	4.50	4.24	4.41
Montana	3.24	3.56	3.44	4.54	4.34	4.53
Nebraska	3.65	4.71	3.93	4.87	4.29	5.19
Nevada	4.15	3.89	3.95	4.70	4.79	4.49
New Hampshire	9.74	5.52	4.46	6.46	10.71	10.03
New Jersey	4.78	4.73	4.48	5.09	5.64	4.66
New Mexico	3.55	3.17	3.56	3.77	3.56	3.62
New York	6.26	5.72	2.94	3.19	4.43	3.84
North Carolina	4.62	4.46	4.05	3.71	3.87	3.90
North Dakota	3.59	3.46	4.08	4.85	4.77	5.03
Ohio	3.98	4.21	4.51	4.79	4.78	4.83
Oklahoma	4.82	4.23	4.34	4.46	4.44	5.21
Oregon	5.36	5.37	4.68	4.83	4.84	4.67
Pennsylvania	5.60	6.65	4.51	4.28	4.10	4.30
Rhode Island	2.66	2.83	3.09	3.59	3.63	3.61
South Carolina	4.07	4.09	4.11	4.11	4.02	4.23
South Dakota	3.81	3.01	3.21	4.02	4.46	4.57
Tennessee	4.14	4.60	3.95	4.32	4.17	4.30
Texas	3.71	3.58	3.74	4.17	4.31	4.93
Utah	3.99	5.69	5.99	6.40	6.81	6.35
Vermont	7.22	8.35	6.55	6.62	6.84	6.59
Virginia	6.62	6.69	4.52	4.01	5.33	4.56
Washington	5.24	5.10	4.19	4.96	4.89	4.79
West Virginia	4.49	4.06	3.62	3.99	4.04	4.13
Wisconsin	5.79	4.47	4.10	4.98	4.76	5.01
Wyoming	3.55	4.32	4.31	4.67	4.95	5.52
Total	**4.44**	**4.25**	**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 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	September	August	July	June	2017 May
Alabama	16.32	13.50	13.72	22.98	23.31	22.48	21.45	20.87
Alaska	10.40	9.86	10.01	12.14	13.40	13.73	12.79	11.00
Arizona	NA	15.51	18.24	22.16	23.32	22.64	20.40	18.12
Arkansas	12.98	10.77	11.45	20.37	21.40	20.16	18.26	15.66
California	12.76	11.43	11.52	12.29	12.54	12.56	13.16	12.98
Colorado	8.44	7.42	8.92	12.15	13.77	14.69	12.66	9.16
Connecticut	14.21	12.91	12.44	21.76	22.67	22.06	18.84	16.63
Delaware	NA	11.60	12.52	NA	24.57	22.77	18.79	15.97
District of Columbia	NA	10.75	12.07	20.23	NA	19.00	17.71	16.99
Florida	NA	19.70	18.90	NA	26.45	25.25	23.91	22.09
Georgia	NA	14.40	14.36	NA	29.12	29.12	26.53	23.57
Hawaii	38.60	36.49	40.69	39.98	40.28	39.99	37.63	39.21
Idaho	7.97	8.63	9.05	9.42	10.82	11.21	10.41	8.28
Illinois	NA	7.86	8.26	16.65	NA	16.75	15.18	11.01
Indiana	NA	8.09	9.42	17.62	NA	20.05	19.13	11.68
Iowa	NA	7.96	8.53	NA	17.45	17.73	15.03	10.88
Kansas	NA	9.97	10.75	21.40	22.95	22.06	19.78	NA
Kentucky	12.58	10.05	10.87	22.77	25.06	24.75	24.23	18.26
Louisiana	13.38	10.91	10.45	16.60	17.42	16.56	15.53	14.99
Maine	14.70	13.97	17.77	23.14	24.48	23.46	17.86	14.97
Maryland	NA	11.27	11.78	20.03	22.15	20.74	NA	16.95
Massachusetts	13.29	12.19	13.28	15.42	15.92	15.43	13.45	13.60
Michigan	8.71	8.38	9.11	12.11	13.70	14.37	13.16	9.83
Minnesota	8.80	8.10	9.26	12.06	13.53	13.49	12.60	9.79
Mississippi	12.25	9.87	9.42	18.15	18.22	17.56	16.25	15.14
Missouri	11.73	10.74	11.48	25.33	27.72	26.48	21.51	15.45
Montana	7.63	7.34	8.62	10.53	11.64	10.99	9.59	8.08
Nebraska	9.09	7.89	9.02	17.29	17.64	16.90	14.24	10.43
Nevada	8.66	10.80	12.58	12.81	14.10	13.23	11.62	10.63
New Hampshire	14.18	13.99	16.39	24.80	25.25	22.46	16.35	14.31
New Jersey	9.04	7.99	8.24	11.59	12.11	11.89	10.31	9.68
New Mexico	9.06	7.80	8.87	14.53	15.40	14.74	12.43	10.19
New York	11.96	10.87	10.97	17.98	18.91	19.01	16.16	14.38
North Carolina	NA	11.15	11.14	23.08	23.35	NA	22.62	19.47
North Dakota	NA	7.62	8.89	15.63	20.51	21.86	19.62	NA
Ohio	NA	8.87	9.56	23.50	27.41	26.48	23.74	NA
Oklahoma	11.46	10.17	10.14	26.66	29.02	25.88	21.81	15.88
Oregon	10.94	12.56	12.83	14.91	16.94	15.65	14.51	12.41
Pennsylvania	NA	10.18	11.18	17.52	20.08	19.38	16.82	13.15
Rhode Island	13.77	13.72	14.11	19.93	20.19	19.15	16.38	15.11
South Carolina	NA	12.43	11.82	25.13	NA	24.78	24.43	22.07
South Dakota	NA	7.44	8.59	NA	14.72	14.62	12.10	9.12
Tennessee	10.69	8.84	9.40	17.42	19.61	18.95	17.12	14.34
Texas	13.64	11.14	10.30	22.10	23.75	21.25	18.83	17.36
Utah	8.99	9.09	9.96	10.38	11.22	10.88	9.56	8.36
Vermont	13.84	14.11	14.46	20.96	22.20	21.43	17.88	14.90
Virginia	NA	10.69	11.41	21.38	22.75	21.46	19.19	NA
Washington	10.88	10.88	12.76	13.81	16.04	15.37	14.64	12.02
West Virginia	NA	9.43	10.69	14.13	17.47	NA	17.59	11.54
Wisconsin	8.70	8.16	8.79	13.59	14.32	15.04	12.99	8.99
Wyoming	9.22	8.64	9.81	15.04	17.84	17.24	12.39	10.06
Total	**11.28**	**10.00**	**10.48**	**17.01**	**18.09**	**R17.74**	**15.96**	**13.18**

See footnotes at end of table.

Table 20

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

	2017				2016			
State	April	March	February	January	Total	December	November	October
Alabama	16.43	14.73	14.90	13.70	14.05	14.28	19.09	21.22
Alaska	10.23	9.58	9.62	9.45	9.81	9.51	9.73	10.07
Arizona	16.75	15.26	NA	12.65	15.28	12.70	15.69	18.72
Arkansas	14.03	12.53	11.82	10.41	11.17	10.66	17.46	18.13
California	12.52	12.42	12.67	13.11	11.84	13.08	12.33	13.31
Colorado	8.03	7.91	7.44	6.85	7.35	6.46	7.38	9.71
Connecticut	13.82	12.31	13.19	12.40	12.91	11.73	13.29	16.63
Delaware	12.03	11.30	11.01	10.61	11.88	11.38	13.77	19.82
District of Columbia	12.85	12.22	11.43	11.44	10.90	10.62	13.28	12.53
Florida	19.68	19.34	18.30	17.63	20.27	19.10	23.55	26.53
Georgia	18.20	14.58	14.27	12.87	14.56	11.96	16.02	24.58
Hawaii	38.06	38.69	37.91	36.66	36.48	37.57	34.17	37.56
Idaho	7.98	8.04	7.50	7.20	8.14	7.22	7.37	8.24
Illinois	10.13	7.87	8.32	7.51	7.88	6.74	8.71	12.16
Indiana	11.66	7.73	8.63	7.67	7.92	6.41	8.48	11.92
Iowa	8.99	7.75	8.02	7.65	8.13	6.93	10.22	14.77
Kansas	13.06	10.18	10.00	8.64	9.85	8.62	9.29	18.34
Kentucky	13.84	10.50	10.99	9.33	10.14	8.65	11.45	19.46
Louisiana	13.65	12.80	12.38	10.96	11.32	11.00	14.93	16.22
Maine	14.11	13.03	13.70	13.71	13.82	12.87	13.30	15.75
Maryland	14.99	11.14	12.57	11.64	11.53	10.84	13.22	17.39
Massachusetts	13.19	12.88	13.09	12.89	12.46	13.15	13.27	13.70
Michigan	9.16	7.72	7.93	7.54	8.21	7.35	7.98	9.39
Minnesota	8.52	7.70	8.14	8.13	8.01	7.31	7.98	9.51
Mississippi	12.93	10.73	10.77	10.10	10.06	8.87	13.44	15.88
Missouri	12.34	10.48	9.32	8.27	10.94	9.09	15.25	21.71
Montana	7.51	7.38	7.29	6.73	7.27	6.74	7.37	7.93
Nebraska	8.76	7.92	7.98	7.42	8.01	7.05	10.07	13.31
Nevada	8.99	7.76	7.10	6.96	10.23	7.57	9.70	11.49
New Hampshire	12.22	12.75	13.60	13.26	14.25	14.19	14.97	19.46
New Jersey	8.33	8.67	8.51	8.72	8.30	8.75	9.37	10.25
New Mexico	8.81	7.87	7.97	7.67	8.05	7.64	10.06	12.56
New York	11.04	10.76	10.98	9.81	10.84	9.61	10.95	14.87
North Carolina	NA	NA	13.85	11.78	11.31	10.61	11.89	18.54
North Dakota	7.60	6.47	6.80	5.94	7.21	5.68	6.96	8.49
Ohio	10.31	7.77	8.19	7.16	9.03	7.80	10.00	18.54
Oklahoma	13.15	10.27	8.77	7.12	10.57	8.37	18.86	24.82
Oregon	11.15	10.83	10.04	9.30	11.67	9.34	11.37	11.81
Pennsylvania	11.71	10.35	10.35	NA	10.18	9.21	10.62	13.58
Rhode Island	13.18	12.79	12.72	12.58	13.80	13.03	14.27	17.92
South Carolina	17.21	11.84	15.11	13.46	12.62	11.62	13.55	22.15
South Dakota	7.78	7.51	7.86	6.93	7.60	6.73	9.58	10.46
Tennessee	11.11	9.75	9.41	8.67	9.21	8.78	12.18	17.97
Texas	15.84	12.44	10.77	9.71	11.73	10.84	18.66	20.34
Utah	9.15	9.18	8.79	8.40	9.12	8.99	9.91	9.23
Vermont	12.83	12.42	12.37	12.69	14.15	13.13	14.31	18.75
Virginia	14.00	NA	12.17	10.49	10.88	10.16	12.69	16.02
Washington	10.66	10.23	10.03	9.75	10.78	10.06	11.05	11.53
West Virginia	9.53	8.45	8.37	8.17	9.26	8.22	8.92	11.65
Wisconsin	9.03	7.49	7.56	8.05	8.07	7.41	8.25	9.19
Wyoming	9.31	8.50	8.08	7.50	8.51	7.32	8.77	10.25
Total	**11.35**	**9.90**	**10.06**	**9.38**	**10.05**	**9.06**	**10.77**	**13.74**

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 September	August	July	June	May	April	March	February
Alabama	21.14	21.27	20.57	19.31	17.16	14.45	12.16	11.26
Alaska	11.34	12.66	12.98	12.14	10.41	9.63	9.09	8.99
Arizona	20.81	22.42	21.61	19.59	17.54	16.63	18.16	13.91
Arkansas	18.76	18.56	16.74	15.32	13.66	10.84	10.27	9.01
California	13.26	12.82	11.90	11.31	11.45	10.44	10.54	11.46
Colorado	12.07	14.22	13.96	12.46	7.07	6.84	6.68	6.45
Connecticut	22.19	24.07	21.76	19.19	15.04	12.88	11.74	10.67
Delaware	22.52	24.25	21.38	17.57	13.46	11.49	10.26	9.73
District of Columbia	18.63	19.25	17.60	14.70	12.03	10.10	10.27	9.12
Florida	25.75	26.80	26.17	23.35	21.72	20.29	17.88	15.31
Georgia	26.17	25.18	25.15	23.87	19.44	15.76	12.50	10.56
Hawaii	35.43	34.94	34.84	42.65	39.99	36.94	37.08	33.73
Idaho	9.49	10.16	9.88	9.80	9.21	8.94	8.79	8.23
Illinois	16.72	17.33	16.49	12.62	10.48	7.53	7.08	6.30
Indiana	17.65	18.47	18.89	16.47	10.09	7.76	8.07	6.41
Iowa	16.31	17.64	16.05	13.28	8.74	7.53	7.33	6.52
Kansas	19.96	21.74	20.13	18.92	13.42	11.08	9.43	7.89
Kentucky	22.92	24.45	23.07	20.15	14.84	10.32	8.75	7.61
Louisiana	15.84	16.62	15.93	13.87	13.13	11.10	10.30	8.52
Maine	21.33	22.79	21.88	17.99	13.46	12.56	12.97	13.07
Maryland	20.27	20.97	19.83	15.79	12.44	11.30	10.85	9.30
Massachusetts	14.97	15.22	14.42	12.73	12.35	11.91	11.60	11.97
Michigan	12.85	14.65	13.51	13.02	9.65	7.84	7.82	7.61
Minnesota	13.20	13.37	13.50	11.71	9.87	7.62	7.66	7.12
Mississippi	15.19	15.99	15.67	13.92	12.95	10.76	9.02	7.96
Missouri	24.01	26.41	24.86	19.73	15.60	11.32	9.32	8.13
Montana	10.06	11.11	10.33	8.36	7.19	6.77	7.02	6.90
Nebraska	15.73	16.13	15.03	12.37	9.25	7.63	7.02	6.52
Nevada	13.81	14.42	14.63	12.99	11.92	11.25	10.84	9.75
New Hampshire	24.66	24.61	23.02	18.19	13.97	12.22	11.76	12.70
New Jersey	11.74	12.12	11.33	10.64	9.37	8.86	8.12	6.79
New Mexico	14.49	15.18	13.85	11.38	8.73	7.48	7.06	6.44
New York	17.33	17.85	16.64	14.69	10.99	9.88	9.65	9.45
North Carolina	21.70	21.26	22.51	19.62	16.42	13.11	12.62	9.06
North Dakota	16.28	20.06	20.50	19.20	9.52	6.90	6.30	5.60
Ohio	25.79	26.95	25.16	19.01	11.57	7.94	7.07	6.37
Oklahoma	26.09	28.99	24.71	19.80	16.73	10.96	8.92	6.81
Oregon	14.32	16.61	16.56	15.90	15.29	13.81	12.08	11.97
Pennsylvania	18.88	19.48	18.34	15.62	11.38	9.91	9.51	8.64
Rhode Island	20.26	20.37	19.20	16.89	14.49	13.42	12.64	12.35
South Carolina	25.25	25.55	26.86	24.09	18.62	15.18	13.47	9.75
South Dakota	13.36	14.15	13.48	11.34	7.74	6.87	7.14	6.59
Tennessee	17.59	18.95	17.12	14.81	12.59	9.53	7.88	7.27
Texas	21.23	22.99	19.53	16.71	16.50	11.75	10.12	7.87
Utah	10.12	10.76	10.67	9.81	8.89	8.96	9.51	8.79
Vermont	22.57	23.02	21.11	18.40	14.26	13.30	12.66	12.53
Virginia	20.91	20.99	19.60	15.27	12.49	10.47	10.04	8.63
Washington	13.92	16.14	15.24	13.58	11.62	10.55	10.34	9.90
West Virginia	16.69	18.41	17.03	15.58	11.72	9.36	8.82	8.31
Wisconsin	14.28	15.04	14.30	10.56	8.63	7.57	7.39	7.24
Wyoming	15.68	16.54	16.97	11.27	8.49	8.24	7.61	7.62
Total	**16.78**	**17.60**	**16.55**	**14.43**	**11.62**	**9.65**	**9.19**	**8.36**

See footnotes at end of table.

Table 20

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

	2016							2015
State	January	Total	December	November	October	September	August	July
Alabama	12.15	14.13	14.47	17.89	19.36	20.73	20.85	20.60
Alaska	8.87	9.64	8.76	8.86	9.40	9.81	11.41	11.66
Arizona	12.06	17.04	12.75	14.57	20.78	23.01	24.01	23.60
Arkansas	9.49	11.58	10.47	13.97	17.62	18.97	19.43	17.75
California	11.39	11.39	11.38	10.31	11.54	11.92	11.86	11.69
Colorado	6.07	8.27	6.48	6.92	9.31	13.17	13.68	14.38
Connecticut	10.34	12.50	11.84	12.53	15.33	21.54	19.36	18.26
Delaware	10.11	12.62	11.09	14.03	18.50	23.22	23.75	21.80
District of Columbia	9.53	11.98	10.25	12.06	15.52	17.40	17.38	16.93
Florida	16.52	19.34	19.22	21.63	23.45	24.50	24.67	24.40
Georgia	10.40	14.62	13.97	14.73	19.81	24.96	24.03	24.71
Hawaii	33.45	40.08	38.28	38.53	37.46	36.41	37.50	45.21
Idaho	8.00	8.59	7.87	7.71	8.90	9.53	10.93	10.69
Illinois	5.83	7.97	6.30	7.13	9.70	15.39	16.41	15.14
Indiana	6.01	8.92	6.93	7.34	9.29	15.25	17.74	17.99
Iowa	6.53	8.51	7.31	8.43	13.18	16.44	17.39	15.71
Kansas	7.27	10.17	7.79	7.97	14.33	19.63	20.73	19.33
Kentucky	7.85	10.87	9.35	10.99	16.11	21.00	22.21	23.11
Louisiana	9.23	10.77	10.76	13.65	14.88	15.65	16.29	15.26
Maine	13.19	16.79	13.17	12.75	15.03	21.77	22.85	20.77
Maryland	9.78	12.03	13.09	12.69	13.48	19.36	19.04	18.40
Massachusetts	11.88	13.02	12.69	11.18	10.75	13.26	13.82	13.29
Michigan	7.29	8.81	7.57	7.91	8.96	13.26	13.57	13.69
Minnesota	7.05	8.79	7.12	7.67	9.27	12.68	12.93	13.22
Mississippi	8.43	9.70	9.70	12.11	13.94	15.36	15.79	14.84
Missouri	7.99	11.60	9.51	13.97	20.52	23.90	25.52	24.26
Montana	6.81	8.21	6.81	7.35	9.01	11.04	11.79	11.68
Nebraska	6.45	8.86	6.83	9.43	13.81	15.57	15.66	14.76
Nevada	9.12	11.82	8.96	10.80	14.95	16.14	16.41	16.72
New Hampshire	14.05	16.18	15.06	14.11	17.88	22.91	22.68	19.23
New Jersey	6.48	8.32	7.80	9.03	10.24	12.30	12.42	11.96
New Mexico	6.35	8.63	6.76	8.27	13.08	14.85	14.92	14.55
New York	10.31	11.20	11.43	12.26	14.24	17.50	17.30	17.09
North Carolina	8.76	11.57	12.87	12.15	14.61	21.77	21.94	21.14
North Dakota	5.49	8.15	5.60	6.56	9.57	16.93	19.37	21.03
Ohio	6.42	9.51	7.41	9.69	15.37	24.33	25.48	23.85
Oklahoma	6.53	10.24	7.34	14.37	23.34	25.17	26.60	23.07
Oregon	10.36	12.49	10.90	12.75	13.61	14.52	17.18	16.28
Pennsylvania	8.75	11.04	9.82	10.53	12.23	18.26	18.56	17.77
Rhode Island	12.73	14.24	13.49	15.48	19.04	21.00	20.94	19.74
South Carolina	9.04	12.62	15.32	14.87	16.32	23.88	22.71	24.58
South Dakota	6.29	8.30	6.63	8.04	10.43	14.36	14.99	14.53
Tennessee	7.40	9.62	9.22	11.74	14.40	17.34	19.64	17.60
Texas	7.85	10.64	9.33	15.52	19.22	20.94	21.12	18.29
Utah	8.59	9.72	8.75	9.22	10.85	10.89	10.84	10.69
Vermont	13.24	14.56	13.84	14.89	18.41	23.16	23.04	21.69
Virginia	9.30	11.64	12.14	11.77	15.88	19.54	21.20	20.34
Washington	9.53	11.81	9.75	9.88	13.01	14.49	17.18	16.99
West Virginia	8.31	10.48	8.86	9.62	12.22	17.56	19.08	19.83
Wisconsin	7.46	8.54	7.46	7.98	8.51	12.94	14.20	13.41
Wyoming	7.33	9.33	7.05	8.44	12.66	15.66	16.07	15.70
Total	**8.28**	**10.38**	**9.27**	**10.02**	**12.60**	**16.40**	**16.88**	**16.28**

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

						2015
State	**June**	**May**	**April**	**March**	**February**	**January**
Alabama	19.60	17.89	15.36	12.15	12.21	12.79
Alaska	11.29	10.87	10.03	9.68	9.64	9.51
Arizona	21.53	19.21	18.94	18.94	18.88	14.36
Arkansas	16.15	13.90	11.66	9.98	10.90	10.65
California	11.73	11.35	10.93	11.29	11.53	11.68
Colorado	11.28	9.25	8.07	8.50	7.97	8.05
Connecticut	17.41	14.40	12.54	11.00	11.10	11.67
Delaware	20.74	16.05	12.74	11.27	11.33	11.23
District of Columbia	16.63	14.34	12.16	11.94	10.50	11.34
Florida	22.66	21.30	18.82	16.23	15.98	16.65
Georgia	23.63	19.84	15.91	12.21	11.05	11.66
Hawaii	48.71	45.31	40.85	39.78	38.87	35.07
Idaho	10.08	9.21	8.86	9.12	8.79	8.64
Illinois	13.63	11.47	8.42	7.45	6.46	7.30
Indiana	17.88	13.44	10.66	9.24	7.55	8.13
Iowa	13.01	10.07	8.50	7.75	7.14	7.52
Kansas	17.65	14.49	13.64	9.74	8.59	9.19
Kentucky	21.52	17.11	12.94	8.96	8.92	9.48
Louisiana	14.79	13.38	11.12	8.71	9.09	9.22
Maine	17.13	16.58	17.33	17.52	17.45	17.91
Maryland	18.32	16.78	11.48	10.71	10.10	11.18
Massachusetts	12.18	12.74	12.71	12.44	13.59	14.51
Michigan	12.54	10.54	8.89	8.37	8.39	8.61
Minnesota	13.46	10.59	8.85	9.45	8.23	8.56
Mississippi	14.40	12.92	10.53	8.23	8.25	8.14
Missouri	20.80	17.02	12.66	9.26	9.63	9.46
Montana	10.00	8.43	8.20	8.01	8.16	8.33
Nebraska	12.18	10.32	9.15	7.91	7.89	8.31
Nevada	15.51	14.34	13.30	11.84	11.40	10.42
New Hampshire	16.48	15.12	15.10	15.33	16.20	17.43
New Jersey	11.35	9.56	7.33	7.49	7.82	7.81
New Mexico	11.79	9.92	8.92	7.56	7.37	8.05
New York	16.26	12.68	10.19	9.34	9.79	10.51
North Carolina	20.97	17.62	14.25	10.08	8.93	10.05
North Dakota	17.34	10.19	8.59	7.52	7.02	7.85
Ohio	19.97	13.51	9.15	7.77	7.54	7.91
Oklahoma	19.17	15.76	12.21	7.52	8.07	7.83
Oregon	15.62	14.07	11.84	13.30	12.43	11.23
Pennsylvania	15.77	13.63	10.81	10.03	10.31	10.53
Rhode Island	17.85	15.79	13.88	13.07	12.93	13.23
South Carolina	24.51	21.17	16.87	10.64	8.81	10.17
South Dakota	12.35	9.18	8.46	8.04	7.58	7.71
Tennessee	16.14	14.17	10.41	7.57	8.47	8.72
Texas	16.60	15.80	11.62	7.94	7.96	8.65
Utah	9.90	9.54	9.98	9.99	10.40	9.44
Vermont	19.41	15.81	13.73	13.09	13.00	13.79
Virginia	19.54	15.69	11.62	10.17	9.31	10.81
Washington	16.73	14.23	12.22	12.06	11.83	11.46
West Virginia	17.05	12.88	10.93	9.90	9.79	9.80
Wisconsin	13.24	9.38	6.93	8.38	8.11	8.60
Wyoming	11.34	9.65	9.49	8.78	8.98	8.77
Total	**15.07**	**12.73**	**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

Table 21. Average price of natural gas sold to commercial consumers, by state, 2015-2017

(dollars per thousand cubic feet)

State	2017 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	September	August	July	June	2017 May
Alabama	12.18	10.41	11.16	13.19	13.27	13.31	12.98	12.91
Alaska	NA	8.11	8.19	NA	9.44	9.73	9.30	8.75
Arizona	8.78	9.04	10.95	9.27	9.42	9.14	8.95	8.88
Arkansas	8.34	6.99	8.59	8.72	9.28	9.31	9.20	8.83
California	8.96	8.04	8.12	7.96	8.32	8.41	8.76	8.70
Colorado	7.32	6.35	7.96	9.21	9.15	9.52	9.00	7.27
Connecticut	9.53	8.87	8.59	10.73	11.17	10.99	10.70	10.75
Delaware	NA	9.38	10.77	NA	13.67	13.06	11.92	11.18
District of Columbia	11.49	9.79	11.24	11.91	12.71	12.49	12.88	12.15
Florida	NA	10.33	10.89	NA	NA	11.06	11.15	11.09
Georgia	8.99	7.80	8.52	9.31	9.98	9.69	9.96	9.77
Hawaii	29.40	27.11	32.20	30.32	30.86	29.57	28.42	29.16
Idaho	6.78	7.43	7.87	7.13	7.15	7.60	7.44	7.11
Illinois	8.41	7.08	7.49	12.11	13.63	12.46	12.55	10.22
Indiana	NA	6.60	8.08	10.36	NA	11.40	11.52	9.09
Iowa	7.01	5.88	6.67	9.13	9.36	9.64	9.05	7.83
Kansas	NA	8.45	9.31	14.29	13.51	13.75	13.21	NA
Kentucky	9.54	7.72	8.87	12.01	13.01	12.18	12.73	11.45
Louisiana	NA	7.74	8.06	8.78	8.76	8.82	8.86	8.84
Maine	11.36	10.68	15.24	12.32	12.77	13.05	11.41	10.93
Maryland	NA	8.74	9.80	12.69	12.46	NA	12.60	12.02
Massachusetts	NA	9.33	11.19	9.86	10.08	10.10	9.11	9.94
Michigan	NA	6.94	7.70	8.42	NA	9.12	8.94	7.87
Minnesota	7.02	6.48	7.75	7.47	8.12	7.75	8.14	7.07
Mississippi	9.11	7.67	7.88	9.47	8.90	8.91	8.67	9.06
Missouri	8.34	7.76	9.18	10.70	R11.24	11.07	9.84	9.04
Montana	7.43	7.17	8.46	8.82	9.68	9.65	8.85	7.82
Nebraska	6.50	5.34	6.67	6.86	6.74	7.17	6.63	6.68
Nevada	5.51	7.28	9.05	6.50	6.75	6.40	5.90	5.85
New Hampshire	11.51	11.12	13.96	16.06	16.06	15.28	12.45	11.49
New Jersey	NA	7.62	8.54	8.54	9.37	NA	NA	8.84
New Mexico	6.45	5.48	6.45	7.31	7.33	7.46	6.98	6.47
New York	6.82	6.19	6.94	5.96	5.89	6.56	6.80	6.82
North Carolina	NA	7.52	8.11	9.25	9.07	NA	NA	10.59
North Dakota	6.08	5.40	7.11	6.46	7.13	7.63	7.55	6.51
Ohio	6.47	5.65	6.65	7.53	7.91	7.84	7.84	6.86
Oklahoma	8.54	7.41	8.10	15.36	16.26	15.05	13.48	11.55
Oregon	9.00	9.73	10.61	9.99	10.60	10.20	10.35	9.51
Pennsylvania	NA	8.11	9.58	11.14	11.58	11.99	11.65	10.10
Rhode Island	11.09	11.14	11.93	15.45	15.73	15.38	13.10	12.02
South Carolina	9.40	8.12	8.38	9.10	8.90	9.09	8.99	8.69
South Dakota	6.27	5.52	6.54	7.57	7.74	7.69	7.47	6.31
Tennessee	8.87	7.49	8.43	9.48	9.75	9.64	9.50	9.22
Texas	NA	6.56	6.90	8.44	8.46	8.27	7.78	NA
Utah	7.33	7.42	8.15	7.07	7.40	7.28	6.83	6.51
Vermont	NA	6.48	8.24	6.04	6.05	6.29	NA	6.94
Virginia	NA	7.10	8.20	NA	9.31	9.07	9.51	NA
Washington	NA	8.53	10.42	9.07	9.78	9.40	NA	NA
West Virginia	7.51	7.87	9.19	8.87	9.31	9.48	9.42	8.22
Wisconsin	6.69	6.24	6.99	6.92	6.85	7.02	6.68	6.06
Wyoming	6.99	6.50	7.77	7.41	7.45	7.65	7.41	7.12
Total	**8.02**	**7.19**	**8.07**	**8.48**	**8.73**	**8.90**	**8.76**	**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

	2017				2016			
State	April	March	February	January	Total	December	November	October
Alabama	12.35	11.66	11.52	11.31	10.65	11.12	12.08	11.82
Alaska	8.62	8.65	8.61	8.70	8.34	8.75	8.68	8.85
Arizona	9.02	8.87	8.26	8.22	8.83	8.03	8.22	8.52
Arkansas	8.60	8.29	8.16	7.63	7.14	7.59	8.63	7.01
California	8.83	9.49	9.35	9.62	8.42	9.96	9.28	9.08
Colorado	6.97	7.09	6.91	6.56	6.42	6.17	6.61	8.00
Connecticut	9.25	8.33	9.52	8.62	8.79	7.92	8.60	9.99
Delaware	10.15	9.97	9.82	9.64	9.58	9.88	10.36	11.42
District of Columbia	11.60	11.58	11.16	9.92	9.88	9.85	11.59	9.37
Florida	10.95	11.02	11.13	10.67	10.42	10.88	10.61	10.64
Georgia	9.23	8.52	8.79	8.19	7.92	7.57	8.78	9.29
Hawaii	29.15	29.62	29.34	28.33	27.02	27.61	25.04	27.71
Idaho	7.15	6.93	6.60	6.33	7.12	6.50	6.49	6.99
Illinois	9.16	7.26	7.61	6.92	7.14	6.45	8.08	9.04
Indiana	9.65	6.90	7.76	7.10	6.55	5.75	7.39	7.35
Iowa	6.89	6.17	6.45	6.46	5.99	5.96	6.48	6.86
Kansas	10.24	9.37	9.22	8.42	8.41	7.64	8.53	11.32
Kentucky	10.45	8.74	8.94	7.83	7.89	7.49	8.94	10.81
Louisiana	8.70	NA	NA	NA	7.92	8.81	8.21	8.47
Maine	11.22	10.82	11.34	11.54	10.63	10.63	10.23	10.47
Maryland	11.77	9.29	10.06	9.62	8.94	8.83	10.06	10.89
Massachusetts	NA	9.77	9.93	9.79	9.48	10.07	9.98	9.54
Michigan	7.26	6.76	6.82	6.61	6.90	6.56	6.94	7.58
Minnesota	6.82	6.39	6.97	7.11	6.44	6.31	6.28	6.74
Mississippi	9.15	8.89	9.32	9.25	7.80	8.10	8.56	8.10
Missouri	8.40	8.16	7.64	7.28	7.89	7.70	9.20	9.59
Montana	7.26	7.21	7.24	6.70	7.13	6.73	7.29	7.66
Nebraska	6.02	6.38	6.69	6.37	5.45	5.79	5.87	5.77
Nevada	5.38	5.14	5.02	5.09	6.84	5.37	5.78	6.24
New Hampshire	10.15	10.63	11.68	11.26	11.36	11.91	11.98	13.58
New Jersey	7.83	8.95	8.97	9.58	7.93	8.60	9.24	8.78
New Mexico	6.09	5.98	6.42	6.19	5.68	6.05	6.59	6.85
New York	6.85	7.06	7.43	6.74	6.18	6.49	5.96	5.58
North Carolina	10.08	NA	9.94	8.77	7.71	8.36	8.05	7.95
North Dakota	5.66	5.66	6.30	5.73	5.45	5.43	5.60	5.82
Ohio	6.26	5.94	6.17	6.10	5.74	5.68	6.02	7.16
Oklahoma	9.69	8.01	6.97	6.01	7.72	6.86	12.31	14.46
Oregon	9.18	9.03	8.57	8.22	9.30	7.88	9.24	9.24
Pennsylvania	NA	8.93	8.62	8.36	8.15	7.94	8.31	9.16
Rhode Island	10.63	10.42	10.45	10.02	11.16	10.27	11.48	14.53
South Carolina	9.71	8.63	10.20	10.36	8.42	9.48	9.01	9.02
South Dakota	5.88	5.82	6.48	5.82	5.64	5.72	5.97	6.30
Tennessee	8.85	8.59	8.64	8.42	7.80	8.23	9.06	9.78
Texas	7.70	7.27	7.59	7.48	6.89	7.60	8.25	8.52
Utah	7.47	7.71	7.48	7.29	7.43	7.65	7.50	6.71
Vermont	7.57	7.35	7.61	8.07	6.63	7.48	7.07	6.19
Virginia	9.60	NA	8.75	7.72	7.23	7.55	7.54	7.68
Washington	8.20	8.15	8.16	7.96	8.49	8.14	8.60	8.78
West Virginia	7.66	7.04	6.97	6.92	7.75	7.10	7.50	8.72
Wisconsin	6.92	6.37	6.47	7.05	6.29	6.50	6.47	5.86
Wyoming	7.09	6.96	6.97	6.56	6.54	6.52	6.76	6.85
Total	**8.08**	**7.68**	**7.90**	**7.59**	**7.28**	**7.27**	**7.67**	**7.96**

See footnotes at end of table.

Table 21

Table 21. Average price of natural gas sold to commercial consumers, by state, 2015-2017

(dollars per thousand cubic feet) – continued

State	2016 September	August	July	June	May	April	March	February
Alabama	11.69	11.75	11.61	11.19	10.50	10.51	10.09	9.75
Alaska	8.71	8.78	9.07	8.41	8.00	7.90	7.87	7.87
Arizona	8.64	8.65	8.74	8.73	8.81	9.10	9.77	9.36
Arkansas	6.89	7.16	6.90	7.22	7.11	6.85	7.11	6.74
California	9.16	8.74	8.07	7.43	7.33	7.18	8.16	8.48
Colorado	8.42	9.26	8.36	7.63	6.14	5.96	5.92	5.95
Connecticut	10.64	11.73	11.14	11.81	9.86	9.36	7.92	7.29
Delaware	11.86	12.11	11.50	10.86	10.03	9.33	8.79	8.58
District of Columbia	11.21	11.82	11.64	10.85	9.83	9.83	9.81	8.92
Florida	10.56	10.33	10.31	10.25	10.04	10.12	10.33	10.46
Georgia	9.54	9.58	9.35	8.72	8.38	8.15	7.58	7.22
Hawaii	27.32	25.57	25.24	32.82	30.04	28.09	27.26	23.66
Idaho	7.69	7.64	7.72	7.81	7.71	7.82	7.61	7.22
Illinois	12.31	12.77	12.26	10.93	9.48	6.99	6.51	5.89
Indiana	9.62	10.08	11.13	9.56	7.21	6.42	7.04	5.67
Iowa	7.53	8.14	7.82	7.12	5.81	5.55	5.80	5.40
Kansas	13.59	13.79	12.93	12.48	10.16	8.38	8.96	7.26
Kentucky	11.32	12.03	11.05	10.77	9.19	8.00	7.11	6.39
Louisiana	8.28	8.27	8.22	7.19	7.26	7.12	7.69	7.69
Maine	11.16	10.72	10.37	9.95	9.45	10.15	10.69	11.08
Maryland	11.78	11.49	11.34	9.65	8.11	8.20	8.70	8.02
Massachusetts	9.73	9.80	9.35	8.49	9.22	9.45	9.14	9.50
Michigan	9.02	9.32	8.66	8.51	7.29	6.63	6.64	6.64
Minnesota	7.89	7.80	7.91	7.09	6.41	6.17	6.44	6.25
Mississippi	7.55	7.49	7.61	7.03	7.51	8.04	7.82	7.55
Missouri	9.87	10.46	10.38	9.39	8.55	7.92	7.22	6.94
Montana	9.00	9.13	8.64	7.79	6.97	6.68	6.96	6.91
Nebraska	5.93	6.00	5.31	5.06	4.71	4.98	5.38	5.46
Nevada	6.87	6.89	7.22	7.08	7.04	7.25	7.59	7.48
New Hampshire	16.21	16.40	16.48	13.28	11.22	9.96	9.55	10.47
New Jersey	8.74	8.71	8.68	7.72	7.14	6.79	7.49	7.65
New Mexico	7.35	7.15	6.84	6.05	5.47	5.25	5.20	5.02
New York	5.32	5.29	5.57	5.76	6.02	6.20	6.47	6.69
North Carolina	8.19	8.30	8.77	8.52	8.02	7.78	8.27	6.97
North Dakota	6.74	7.29	7.01	6.68	5.36	4.62	5.20	5.16
Ohio	7.24	8.06	7.50	6.90	6.05	5.26	5.22	5.21
Oklahoma	14.76	15.04	13.81	12.31	10.89	8.09	6.78	5.42
Oregon	9.93	10.74	11.13	11.30	10.79	10.02	9.51	9.38
Pennsylvania	11.02	10.84	11.07	10.64	8.92	8.12	8.22	7.37
Rhode Island	16.35	15.78	15.43	13.58	11.51	10.79	10.32	10.10
South Carolina	8.56	8.48	8.71	7.79	7.43	8.36	8.36	8.12
South Dakota	7.16	7.90	6.98	6.46	5.07	4.94	5.60	5.36
Tennessee	9.10	9.49	8.70	8.30	7.63	7.61	7.03	7.02
Texas	8.15	8.26	7.52	6.73	6.84	6.14	6.17	5.85
Utah	6.84	7.10	7.02	6.84	6.77	7.37	7.91	7.55
Vermont	6.33	5.59	5.87	5.51	6.71	6.60	6.22	7.00
Virginia	8.67	8.40	8.20	7.66	7.17	6.59	7.12	6.62
Washington	9.45	9.87	9.37	9.64	8.09	7.99	8.03	8.63
West Virginia	9.99	10.27	10.14	9.78	9.00	7.89	7.56	7.30
Wisconsin	6.55	6.55	6.98	5.25	5.29	5.97	6.06	6.35
Wyoming	7.13	6.82	6.91	7.02	6.47	6.47	6.48	6.37
Total	**8.27**	**8.30**	**8.14**	**7.72**	**7.32**	**6.98**	**7.08**	**6.86**

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

	2016							2015
State	January	Total	December	November	October	September	August	July
Alabama	9.86	11.18	10.87	11.62	11.55	11.91	12.09	12.04
Alaska	7.88	8.01	7.54	7.59	7.86	7.21	8.23	8.14
Arizona	8.97	10.53	9.17	9.36	10.15	10.40	10.53	10.68
Arkansas	7.16	8.43	7.43	8.01	7.86	8.44	8.64	8.25
California	8.03	8.04	8.29	7.25	7.75	7.90	7.93	7.74
Colorado	5.79	7.47	6.10	6.40	7.73	9.17	9.33	9.41
Connecticut	7.31	8.60	8.22	8.51	9.57	10.58	9.56	9.33
Delaware	8.75	10.70	9.15	10.82	12.54	13.93	13.86	13.35
District of Columbia	9.12	11.07	9.59	10.81	11.19	11.02	10.71	10.68
Florida	10.54	10.88	11.01	10.79	10.70	11.23	10.98	10.82
Georgia	6.80	8.58	7.88	9.81	8.74	9.47	9.16	9.19
Hawaii	24.18	31.17	28.72	28.13	27.06	28.60	30.45	36.02
Idaho	7.10	7.59	7.10	6.91	7.63	7.98	8.10	8.39
Illinois	5.54	7.29	6.03	6.66	8.26	12.57	12.77	11.61
Indiana	5.34	7.61	6.18	6.07	6.20	8.05	10.79	10.93
Iowa	5.36	6.51	5.70	6.44	6.51	8.11	8.92	8.43
Kansas	6.75	8.87	7.11	7.28	9.43	12.52	12.02	12.47
Kentucky	6.73	8.75	7.69	8.58	9.37	10.49	11.27	11.91
Louisiana	8.02	8.01	7.94	7.74	7.71	7.68	7.79	7.81
Maine	11.27	14.16	11.11	10.30	8.48	11.27	12.08	11.96
Maryland	8.25	9.80	10.23	9.37	9.78	10.88	11.37	10.76
Massachusetts	9.34	10.81	9.99	8.56	7.35	8.52	8.99	8.93
Michigan	6.53	7.51	6.61	6.85	7.48	9.06	9.19	9.33
Minnesota	6.15	7.31	6.12	6.21	6.44	7.74	8.05	8.19
Mississippi	7.93	7.87	7.77	8.03	7.86	7.89	7.72	7.84
Missouri	7.08	9.14	7.87	9.85	11.05	10.74	11.89	11.91
Montana	6.80	8.08	6.81	7.28	8.49	9.68	9.75	9.74
Nebraska	5.40	6.40	5.23	5.55	5.78	6.29	6.11	5.90
Nevada	7.34	8.66	7.37	7.82	8.58	9.10	9.07	9.45
New Hampshire	11.46	13.63	12.39	11.15	12.30	14.76	14.78	13.74
New Jersey	7.75	8.50	8.22	8.64	8.08	8.21	8.76	8.64
New Mexico	5.07	6.32	5.28	6.09	7.67	7.65	7.65	7.52
New York	6.69	6.86	6.78	6.32	6.24	5.96	5.72	6.05
North Carolina	6.64	8.27	9.83	8.40	7.96	9.38	9.04	9.26
North Dakota	5.20	6.62	5.17	5.61	6.11	7.82	8.76	8.63
Ohio	5.22	6.48	5.41	5.90	6.64	7.82	7.84	7.97
Oklahoma	5.39	8.12	6.07	10.65	14.04	14.68	15.01	13.46
Oregon	8.74	10.16	9.43	8.70	10.56	10.50	11.53	11.15
Pennsylvania	7.19	9.32	8.07	8.21	8.80	11.01	11.14	12.00
Rhode Island	10.37	11.99	10.97	12.89	15.76	17.13	17.02	16.64
South Carolina	7.80	8.52	10.24	8.50	8.11	8.43	8.18	8.48
South Dakota	5.04	6.22	5.38	5.37	5.78	7.20	7.28	7.36
Tennessee	6.95	8.46	8.32	8.71	8.92	9.36	9.85	9.34
Texas	5.98	6.92	6.54	7.26	7.68	7.72	7.65	7.52
Utah	7.46	7.97	7.53	7.33	7.33	7.29	7.30	7.26
Vermont	7.14	7.89	7.37	6.65	6.20	6.97	6.91	6.10
Virginia	6.82	8.13	7.94	7.59	8.04	8.93	8.60	8.57
Washington	8.08	9.78	8.09	8.34	10.29	10.55	11.44	11.40
West Virginia	7.24	8.95	7.48	7.77	9.74	11.24	11.64	11.24
Wisconsin	6.58	6.78	6.25	6.47	5.49	6.32	6.58	6.56
Wyoming	6.28	7.43	6.22	6.67	7.18	7.84	7.58	7.77
Total	**6.75**	**7.91**	**7.23**	**7.39**	**7.79**	**8.43**	**8.46**	**8.49**

See footnotes at end of table.

Table 21

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

State	June	May	April	March	February	January
						2015
Alabama	11.99	11.68	11.70	10.61	10.73	10.88
Alaska	8.62	7.85	8.03	8.14	8.43	8.70
Arizona	10.84	10.76	10.85	11.41	11.75	10.73
Arkansas	8.36	8.30	8.13	8.40	8.93	8.87
California	7.72	7.03	7.89	8.70	8.58	8.96
Colorado	8.39	7.63	8.18	7.87	7.45	7.68
Connecticut	10.13	9.47	8.57	7.61	7.86	8.60
Delaware	12.71	11.90	10.60	10.26	10.11	10.19
District of Columbia	11.24	11.80	11.78	11.94	10.36	11.16
Florida	11.00	10.53	10.58	10.70	11.03	11.15
Georgia	9.10	8.69	8.68	8.02	8.15	8.44
Hawaii	38.76	36.86	32.56	31.08	30.83	25.72
Idaho	7.97	7.91	7.92	7.93	7.77	7.71
Illinois	11.56	10.12	7.69	6.82	6.15	6.82
Indiana	11.19	10.31	8.89	8.52	6.87	7.49
Iowa	7.31	6.48	6.24	6.45	6.23	6.56
Kansas	12.48	10.84	10.24	9.02	8.01	8.72
Kentucky	11.47	10.90	10.01	7.96	8.18	8.28
Louisiana	7.76	7.59	7.70	8.01	8.48	8.69
Maine	11.22	13.00	15.39	15.90	16.03	16.45
Maryland	11.50	11.27	9.33	9.22	9.38	9.83
Massachusetts	8.34	10.24	11.21	10.58	11.99	12.70
Michigan	8.92	7.92	7.27	7.35	7.52	7.69
Minnesota	8.88	7.35	7.55	8.34	7.16	7.88
Mississippi	7.87	7.87	8.01	7.67	7.89	8.06
Missouri	11.17	10.38	9.34	8.18	8.70	8.84
Montana	9.11	8.23	8.19	8.00	8.20	8.40
Nebraska	5.39	5.42	6.24	6.52	6.94	7.65
Nevada	9.64	9.64	9.24	8.94	8.82	8.60
New Hampshire	12.55	12.26	12.85	13.46	14.33	15.54
New Jersey	8.33	7.84	7.31	8.55	8.74	9.05
New Mexico	6.77	6.89	6.16	5.78	5.92	6.63
New York	6.80	6.65	7.24	7.11	7.18	7.52
North Carolina	9.08	8.85	8.27	7.17	7.27	8.28
North Dakota	8.26	6.58	6.55	6.76	6.78	7.41
Ohio	7.64	7.14	6.50	6.31	6.30	6.55
Oklahoma	12.61	11.23	9.20	6.60	7.01	6.95
Oregon	11.35	11.17	10.07	10.82	10.52	10.14
Pennsylvania	11.18	10.65	9.79	9.12	9.27	9.27
Rhode Island	15.41	13.02	11.73	11.13	11.11	11.23
South Carolina	8.53	8.08	8.41	7.88	8.18	8.99
South Dakota	6.91	6.46	6.36	6.54	6.32	6.48
Tennessee	9.02	9.04	8.68	7.33	8.21	8.58
Texas	6.55	6.86	6.63	6.39	6.52	7.23
Utah	7.38	7.48	8.18	8.51	8.77	8.23
Vermont	6.78	8.53	9.02	8.88	8.94	8.93
Virginia	9.14	9.08	8.19	7.64	7.66	8.59
Washington	11.06	10.65	10.16	10.13	10.15	10.12
West Virginia	12.18	10.48	9.34	8.78	8.70	8.69
Wisconsin	6.88	5.65	5.21	7.20	7.42	7.53
Wyoming	7.92	7.69	7.61	7.87	8.06	7.59
Total	**8.52**	**8.13**	**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 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	September	August	July	June	2017 May
Alabama	4.36	3.55	4.26	4.01	4.02	4.16	4.30	4.27
Alaska	6.59	5.19	6.87	5.19	4.66	4.25	6.72	6.68
Arizona	6.44	5.79	6.93	6.83	7.32	6.55	6.92	6.37
Arkansas	6.71	5.61	7.18	6.66	7.02	6.74	6.69	6.52
California	7.17	6.45	6.45	6.19	6.39	6.54	6.96	7.00
Colorado	5.61	4.81	6.06	5.78	5.91	6.35	6.08	5.66
Connecticut	NA	6.13	6.43	6.42	6.07	5.94	5.84	6.45
Delaware	NA	8.71	10.23	NA	11.74	NA	10.21	9.80
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.33	5.75	6.51	6.24	6.50	6.12	6.21	6.22
Georgia	4.80	3.93	4.59	4.78	4.55	4.49	4.71	4.90
Hawaii	17.33	15.50	19.76	17.89	17.09	16.82	17.29	17.75
Idaho	4.56	5.45	5.90	4.46	4.51	4.52	4.63	4.48
Illinois	NA	4.84	5.70	NA	6.51	7.25	6.78	6.86
Indiana	6.53	4.89	6.85	7.15	8.14	7.25	8.09	6.44
Iowa	NA	4.59	5.52	5.31	5.16	5.40	5.48	5.29
Kansas	4.16	3.61	4.21	3.99	3.87	3.91	4.08	4.77
Kentucky	4.54	3.58	4.63	4.19	4.22	4.31	4.52	4.42
Louisiana	3.82	2.88	3.45	3.56	3.64	3.71	3.84	3.41
Maine	8.00	7.42	9.77	5.30	5.42	6.34	6.51	6.61
Maryland	NA	8.59	9.48	NA	NA	NA	NA	10.65
Massachusetts	NA	7.20	9.61	7.16	7.22	7.42	7.06	NA
Michigan	6.09	5.78	6.80	6.99	6.79	6.52	6.45	6.41
Minnesota	4.52	4.08	5.13	4.23	4.18	4.13	4.43	4.22
Mississippi	NA	4.22	4.88	4.98	4.87	5.11	4.92	4.99
Missouri	6.70	6.15	7.74	6.14	6.36	R6.32	R6.13	R6.15
Montana	6.19	5.70	6.79	6.06	5.42	6.33	6.17	6.21
Nebraska	NA	3.96	4.62	4.44	4.51	4.46	4.50	4.40
Nevada	4.90	6.35	8.46	5.69	6.02	5.74	5.48	5.15
New Hampshire	9.01	8.40	10.81	7.99	7.58	7.81	7.14	7.98
New Jersey	NA	6.41	8.23	8.49	8.36	7.97	8.53	7.17
New Mexico	4.45	3.94	4.66	4.35	4.42	4.35	4.36	4.29
New York	NA	5.94	6.78	NA	6.67	NA	NA	7.04
North Carolina	6.46	5.35	6.49	6.23	6.32	6.19	6.11	6.21
North Dakota	3.05	2.44	3.28	3.79	2.83	2.85	2.95	2.82
Ohio	NA	4.65	5.47	6.47	6.32	6.99	7.41	NA
Oklahoma	6.34	8.22	7.61	7.94	7.80	8.53	9.30	6.78
Oregon	5.46	5.72	7.30	5.31	5.62	5.53	5.51	5.40
Pennsylvania	NA	7.19	8.68	9.09	9.32	NA	8.94	8.18
Rhode Island	8.47	8.75	9.31	8.59	8.74	8.74	8.43	8.55
South Carolina	4.95	3.98	4.80	4.76	4.61	5.04	4.88	4.75
South Dakota	5.31	4.72	5.59	6.19	5.78	5.76	5.33	5.27
Tennessee	5.23	4.28	5.24	4.86	4.81	4.94	5.10	5.02
Texas	3.34	2.48	3.04	3.21	3.19	3.39	3.51	3.37
Utah	5.49	5.55	6.03	5.13	5.11	5.20	5.04	5.14
Vermont	5.07	5.13	5.46	4.48	4.47	4.51	4.68	4.78
Virginia	5.15	4.36	5.20	4.97	5.27	4.99	5.46	5.09
Washington	7.42	7.55	9.42	7.23	7.42	7.74	7.39	7.52
West Virginia	NA	2.41	3.29	2.19	2.22	2.26	2.22	NA
Wisconsin	5.35	4.93	5.81	4.66	4.55	4.24	4.75	4.69
Wyoming	NA	3.77	5.37	4.38	4.35	4.39	4.24	3.97
Total	**4.19**	**3.34**	**4.10**	**3.89**	**3.83**	**3.96**	**4.10**	**4.08**

See footnotes at end of table.

Table 22

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

	2017					2016		
State	April	March	February	January	Total	December	November	October
Alabama	4.34	4.15	4.71	5.12	3.79	4.91	4.33	4.24
Alaska	6.81	6.96	6.99	6.99	5.06	5.21	4.83	4.53
Arizona	6.23	6.01	6.10	6.24	5.79	5.94	5.82	5.61
Arkansas	6.80	6.63	6.69	6.72	5.78	6.59	6.30	5.80
California	7.14	7.65	7.91	8.32	6.79	8.44	7.48	7.27
Colorado	5.19	5.61	5.48	5.37	4.89	4.75	5.02	6.08
Connecticut	NA	NA	8.11	7.26	6.07	6.07	5.62	5.97
Delaware	9.06	9.56	9.10	8.93	9.02	9.05	10.08	10.32
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.11	6.65	6.60	6.27	5.77	5.59	5.77	6.14
Georgia	4.79	4.34	5.17	5.54	4.10	4.90	4.38	4.44
Hawaii	17.06	17.41	17.83	16.90	15.70	16.57	16.80	15.85
Idaho	4.61	4.56	4.63	4.56	5.19	4.51	4.61	4.63
Illinois	6.39	5.94	6.23	6.20	5.03	5.22	5.83	5.72
Indiana	7.17	5.80	6.20	5.94	4.99	5.28	5.36	5.06
Iowa	5.04	NA	5.12	5.20	4.70	5.15	4.68	4.94
Kansas	4.68	4.96	6.60	6.41	3.69	5.27	4.54	3.63
Kentucky	4.47	4.39	4.95	5.20	3.77	4.49	4.29	4.17
Louisiana	3.23	3.69	4.68	4.64	3.11	3.80	4.12	3.54
Maine	9.28	9.27	9.35	9.33	7.68	9.37	8.83	5.99
Maryland	11.62	8.59	9.90	9.57	8.80	8.98	9.48	10.70
Massachusetts	8.23	8.12	8.39	8.18	7.40	8.41	8.15	7.11
Michigan	6.15	5.93	6.04	5.81	5.75	5.63	5.55	6.11
Minnesota	4.38	4.41	4.84	5.13	4.19	4.65	4.35	4.28
Mississippi	4.69	NA	NA	5.55	4.35	4.71	4.82	4.59
Missouri	R6.56	R7.08	7.25	R7.00	6.29	6.97	6.70	6.04
Montana	5.71	6.47	6.56	6.22	5.68	5.78	5.57	5.47
Nebraska	4.39	NA	5.31	4.80	4.04	4.51	4.25	4.00
Nevada	4.61	4.47	4.38	4.36	5.90	4.60	5.07	5.21
New Hampshire	8.88	9.13	10.27	10.13	8.59	10.11	9.06	7.58
New Jersey	6.94	NA	NA	NA	6.59	7.29	7.24	6.42
New Mexico	4.12	4.48	5.28	4.97	4.18	4.86	4.30	4.72
New York	7.67	7.32	7.28	6.75	5.92	6.11	5.69	5.56
North Carolina	6.50	6.49	6.81	6.82	5.43	6.12	5.46	5.26
North Dakota	2.89	2.67	3.46	3.96	2.62	3.45	2.86	2.91
Ohio	NA	NA	5.28	5.53	4.81	4.95	5.45	6.07
Oklahoma	7.79	6.47	5.72	4.90	8.04	6.46	10.13	8.57
Oregon	5.41	5.56	5.52	5.37	5.73	5.71	5.82	5.74
Pennsylvania	8.64	7.98	7.88	7.75	7.40	7.75	8.36	8.46
Rhode Island	8.67	8.39	8.34	8.06	8.70	8.00	8.83	9.01
South Carolina	4.88	4.51	5.19	5.84	4.20	5.30	4.77	4.48
South Dakota	4.64	5.07	5.40	5.33	4.78	4.78	4.94	5.09
Tennessee	5.09	5.20	5.79	5.95	4.44	5.31	4.80	4.70
Texas	3.33	2.81	3.43	3.84	2.65	3.35	2.93	3.22
Utah	5.70	5.87	5.98	6.03	5.52	5.89	5.17	4.96
Vermont	5.04	5.34	5.67	6.02	5.20	5.68	5.20	5.13
Virginia	4.92	4.72	5.67	5.43	4.42	4.79	4.46	4.41
Washington	7.52	7.36	7.59	7.20	7.47	7.38	7.24	7.20
West Virginia	2.26	2.46	2.69	2.43	2.43	2.52	2.40	2.52
Wisconsin	5.83	5.34	5.55	6.33	5.05	5.65	5.35	4.64
Wyoming	4.25	4.38	4.53	NA	3.96	4.58	4.64	4.27
Total	**4.17**	**R3.98**	**R4.60**	**R4.90**	**3.52**	**4.32**	**3.87**	**3.88**

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 September	August	July	June	May	April	March	February
Alabama	4.11	3.82	3.98	3.34	2.97	3.22	3.21	3.66
Alaska	4.45	5.64	5.17	4.58	3.69	6.36	6.75	6.74
Arizona	5.56	5.98	5.81	4.97	5.64	5.70	5.91	6.22
Arkansas	5.76	5.81	5.33	5.21	5.27	5.31	5.83	5.67
California	7.35	6.91	6.30	5.79	5.84	5.70	6.67	6.90
Colorado	6.12	6.31	6.17	5.46	4.25	4.36	4.95	4.50
Connecticut	6.06	6.15	6.17	6.03	6.56	6.82	5.82	5.69
Delaware	11.86	10.24	8.94	8.72	8.57	7.81	8.24	7.93
District of Columbia	--	--	--	--	--	--	--	--
Florida	5.34	5.77	5.45	5.30	5.20	5.72	6.28	6.11
Georgia	4.46	4.35	4.24	3.62	3.58	3.53	3.54	4.04
Hawaii	15.65	16.04	16.51	16.92	15.05	14.45	13.73	14.45
Idaho	5.41	5.46	5.43	5.46	5.44	5.51	5.46	5.46
Illinois	6.07	7.16	6.99	5.49	4.45	4.94	4.74	4.54
Indiana	5.90	6.11	5.89	5.13	4.22	4.52	4.81	4.98
Iowa	4.96	4.33	4.66	4.44	4.07	4.44	4.86	4.36
Kansas	3.69	3.55	3.48	3.31	3.39	3.44	4.29	6.25
Kentucky	3.99	3.67	4.01	2.99	3.36	2.95	3.47	3.80
Louisiana	3.37	3.18	3.41	2.50	2.58	2.51	2.41	2.95
Maine	6.23	5.99	5.58	5.54	5.78	8.46	8.50	8.51
Maryland	9.98	12.51	13.82	9.81	7.36	7.57	8.55	8.46
Massachusetts	6.06	6.33	6.30	6.13	7.25	7.49	7.43	7.78
Michigan	6.05	6.00	6.38	5.98	5.75	5.54	5.57	5.89
Minnesota	4.21	4.19	4.41	3.70	3.60	3.50	3.89	4.35
Mississippi	4.51	4.49	3.87	3.85	3.72	4.00	4.28	4.52
Missouri	6.12	6.36	7.00	6.03	5.53	6.02	6.10	6.28
Montana	5.69	6.35	4.86	6.21	4.85	5.43	5.54	6.30
Nebraska	4.08	3.97	3.67	3.35	3.27	3.77	4.32	4.32
Nevada	5.88	5.80	6.52	6.11	6.00	6.22	6.75	6.66
New Hampshire	8.06	8.21	8.24	7.14	7.48	7.90	7.97	8.96
New Jersey	6.95	7.78	7.74	6.53	5.61	5.14	6.90	6.25
New Mexico	4.54	4.29	3.93	3.50	3.39	3.46	3.76	4.06
New York	5.30	5.70	5.56	5.55	5.72	5.88	6.20	6.24
North Carolina	5.26	5.20	5.15	5.09	5.11	5.33	5.70	5.61
North Dakota	2.87	3.76	3.03	2.13	1.95	2.13	2.14	2.89
Ohio	6.43	6.47	6.76	5.58	5.33	4.25	4.10	4.17
Oklahoma	13.29	12.53	10.45	11.08	9.67	8.54	5.94	5.73
Oregon	5.65	5.72	5.58	5.76	5.72	5.79	5.84	5.78
Pennsylvania	8.65	5.79	9.17	8.04	8.25	6.75	7.24	6.84
Rhode Island	9.16	9.22	8.91	8.76	8.91	8.77	8.40	8.44
South Carolina	4.37	4.24	4.46	3.58	3.56	3.22	3.58	4.21
South Dakota	6.12	6.01	5.20	4.78	4.33	4.10	4.50	4.51
Tennessee	4.49	4.36	4.42	3.68	3.80	3.83	4.28	4.77
Texas	3.15	3.02	2.98	2.16	2.14	2.08	1.88	2.39
Utah	4.93	5.00	5.02	5.10	5.14	5.68	5.97	6.44
Vermont	5.14	5.31	5.61	4.97	5.13	4.93	4.96	5.17
Virginia	4.46	4.55	4.16	4.31	4.08	3.78	4.39	4.48
Washington	7.33	7.77	7.76	8.16	7.33	7.38	7.47	7.72
West Virginia	2.33	2.26	2.30	2.40	2.28	2.17	2.59	2.69
Wisconsin	4.61	4.29	4.65	3.45	3.98	5.06	4.95	5.46
Wyoming	3.93	3.94	3.60	3.66	3.71	3.65	3.68	3.82
Total	**3.74**	**3.59**	**3.58**	**2.89**	**2.90**	**3.01**	**3.05**	**3.64**

See footnotes at end of table.

Table 22

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

	2016							2015
State	January	Total	December	November	October	September	August	July
Alabama	3.65	4.09	3.62	3.46	3.62	3.83	4.06	3.97
Alaska	4.88	6.86	6.84	6.77	6.85	6.83	6.82	6.78
Arizona	6.51	6.78	6.39	6.30	6.32	6.58	6.55	6.76
Arkansas	5.94	6.91	5.64	5.99	6.43	6.44	6.59	6.61
California	6.56	6.41	6.99	5.83	5.94	6.15	6.12	6.08
Colorado	4.21	5.74	4.52	5.20	6.03	6.22	6.65	7.39
Connecticut	6.08	6.35	6.58	5.85	5.75	6.58	5.64	5.86
Delaware	8.09	10.11	8.32	9.62	11.15	11.40	11.38	10.89
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.36	6.43	6.10	6.22	6.30	6.09	6.04	6.70
Georgia	4.11	4.42	3.86	3.76	4.14	4.28	4.38	4.34
Hawaii	16.17	19.03	15.06	17.68	17.99	19.09	19.29	21.57
Idaho	5.41	5.72	5.29	4.83	5.66	5.82	5.98	5.99
Illinois	4.29	5.47	4.65	4.59	5.39	6.19	5.96	6.06
Indiana	4.47	6.36	4.79	4.42	4.27	5.21	5.85	6.29
Iowa	5.01	5.30	4.62	5.28	4.57	6.19	5.13	5.46
Kansas	6.75	4.24	5.61	4.61	4.17	3.90	3.94	3.99
Kentucky	3.96	4.37	3.59	3.45	3.79	3.88	4.06	4.35
Louisiana	3.09	3.33	3.00	2.76	3.16	3.31	3.49	3.46
Maine	8.45	8.95	8.50	8.20	4.56	4.72	4.81	4.68
Maryland	8.31	9.70	10.84	10.90	9.52	8.76	9.99	11.89
Massachusetts	7.64	9.22	8.90	7.31	5.51	6.26	6.91	6.66
Michigan	5.73	6.60	5.78	5.76	6.33	6.75	7.02	6.44
Minnesota	4.40	4.87	4.24	4.13	4.24	4.17	4.68	4.53
Mississippi	4.59	4.72	4.15	4.28	4.24	4.49	3.97	4.52
Missouri	6.06	7.58	6.91	6.97	7.17	7.96	7.29	7.88
Montana	5.90	6.50	5.52	6.14	5.84	6.97	5.90	6.38
Nebraska	4.41	4.56	4.79	4.08	4.12	4.27	4.33	4.27
Nevada	6.50	8.07	6.61	7.12	7.72	8.58	8.16	8.71
New Hampshire	9.60	10.33	9.87	7.53	5.48	5.10	6.05	6.14
New Jersey	6.44	8.09	7.52	7.09	7.34	8.31	8.75	8.19
New Mexico	4.25	4.62	4.26	4.60	4.69	4.70	4.60	4.53
New York	6.23	6.62	6.26	6.01	5.57	5.83	5.33	5.86
North Carolina	5.34	6.34	5.87	5.73	6.04	6.14	5.87	5.95
North Dakota	2.48	3.13	2.88	2.58	2.76	2.81	2.95	3.11
Ohio	4.36	5.35	4.65	4.74	5.61	6.64	6.09	5.40
Oklahoma	10.52	7.51	6.18	7.90	9.90	12.85	8.77	8.63
Oregon	5.61	7.10	6.22	6.31	7.25	7.21	7.23	7.12
Pennsylvania	7.09	8.59	7.62	8.47	8.93	10.37	10.35	10.06
Rhode Island	8.61	9.26	8.22	9.48	9.92	9.79	10.09	9.61
South Carolina	4.83	4.64	4.25	4.09	4.27	4.38	4.59	4.47
South Dakota	4.83	5.34	4.56	4.56	5.13	6.04	5.73	5.71
Tennessee	4.69	5.06	4.58	4.47	4.45	4.63	4.80	4.80
Texas	2.45	2.89	2.38	2.29	2.78	2.95	3.13	3.08
Utah	6.08	5.93	6.01	5.35	5.24	5.30	5.32	5.20
Vermont	5.14	5.50	5.81	5.42	5.58	4.65	4.53	5.90
Virginia	4.79	5.02	4.48	3.95	4.69	4.86	4.56	4.81
Washington	7.38	8.94	7.32	7.92	8.73	9.25	9.35	10.07
West Virginia	2.47	3.12	2.53	2.09	3.16	3.14	3.18	3.17
Wisconsin	5.76	5.65	5.43	5.37	4.69	4.56	4.91	4.54
Wyoming	3.95	5.07	4.01	4.63	4.56	4.75	4.75	4.63
Total	**3.62**	**3.93**	**3.48**	**3.28**	**3.54**	**3.65**	**3.79**	**3.74**

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

						2015
State	**June**	**May**	**April**	**March**	**February**	**January**
Alabama	4.09	3.70	4.15	4.70	4.97	4.67
Alaska	6.84	6.86	6.70	6.88	7.08	6.97
Arizona	6.86	6.54	6.96	7.15	7.51	7.25
Arkansas	6.09	6.41	6.84	7.70	7.90	7.88
California	6.29	5.51	6.45	6.89	6.77	7.67
Colorado	6.58	5.32	5.49	6.20	6.15	6.01
Connecticut	6.01	6.18	6.77	5.81	6.52	7.89
Delaware	9.09	9.78	9.56	10.20	10.25	9.91
District of Columbia	--	--	--	--	--	--
Florida	5.78	5.88	6.05	6.53	7.12	8.40
Georgia	4.41	4.14	4.22	5.02	4.98	5.34
Hawaii	20.94	19.68	19.40	18.66	18.33	20.25
Idaho	5.74	5.75	5.82	5.90	6.03	6.04
Illinois	5.94	5.66	5.75	5.74	5.13	6.02
Indiana	5.70	6.14	9.14	7.18	6.69	7.52
Iowa	4.78	4.77	4.48	5.69	5.65	6.42
Kansas	4.08	4.16	4.43	5.74	5.81	6.97
Kentucky	4.52	4.20	4.43	5.13	5.12	5.28
Louisiana	3.41	2.95	3.24	3.51	3.69	3.90
Maine	4.61	5.50	14.71	15.12	15.22	15.20
Maryland	12.71	10.17	8.08	8.81	9.64	10.06
Massachusetts	6.90	8.73	9.67	9.60	10.86	11.74
Michigan	6.78	6.59	6.21	6.70	6.98	7.06
Minnesota	4.62	4.19	4.54	5.82	5.83	5.89
Mississippi	4.33	4.43	4.72	5.72	5.46	6.12
Missouri	7.52	7.33	7.95	7.79	7.65	7.91
Montana	4.87	6.46	6.97	7.22	7.34	8.14
Nebraska	3.83	4.13	5.53	5.39	4.34	4.84
Nevada	9.18	9.06	8.71	8.32	8.27	7.94
New Hampshire	7.16	8.31	10.89	12.09	12.47	14.13
New Jersey	8.13	7.82	7.87	7.96	8.26	8.81
New Mexico	4.44	4.11	4.52	4.93	5.06	5.84
New York	6.00	6.54	7.21	7.21	7.04	7.43
North Carolina	5.83	5.67	6.11	6.69	7.52	7.06
North Dakota	2.90	2.81	3.01	3.77	3.86	3.92
Ohio	7.24	5.71	5.28	5.22	5.44	5.26
Oklahoma	8.96	6.31	9.41	6.57	7.40	7.62
Oregon	7.06	7.11	7.06	7.52	7.60	7.56
Pennsylvania	10.21	9.59	8.25	7.85	8.96	8.74
Rhode Island	9.38	9.75	9.20	9.00	9.01	9.12
South Carolina	4.57	4.20	4.36	4.96	5.99	5.77
South Dakota	5.14	5.50	5.42	5.31	5.52	6.04
Tennessee	4.87	4.84	4.99	5.69	5.75	6.18
Texas	3.04	2.82	2.88	3.01	3.11	3.38
Utah	5.72	5.94	6.50	6.72	6.74	6.65
Vermont	5.17	5.23	5.29	5.98	6.25	5.70
Virginia	5.08	5.33	5.15	5.32	5.28	5.76
Washington	9.48	9.24	9.58	8.94	9.43	9.66
West Virginia	3.13	3.10	3.24	3.43	3.31	3.72
Wisconsin	5.07	4.42	4.46	6.40	6.67	6.78
Wyoming	5.20	5.02	5.36	5.17	5.40	6.48
Total	**3.76**	**3.58**	**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

Table 23. Average price of natural gas sold to electric power[a] consumers, by state, 2015-2017

(dollars per thousand cubic feet)

State	2017 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	September	August	July	June	2017 May
Alabama	W	W	W	W	W	W	W	W
Alaska	8.09	6.56	5.38	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	3.63	4.65	2.67	W	W	W	W
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	4.33	W
Georgia	W	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--	--
Idaho	--	2.98	3.50	--	--	--	--	--
Illinois	W	W	W	W	W	3.23	3.06	W
Indiana	W	W	W	W	W	W	W	W
Iowa	3.24	2.67	3.46	2.87	2.80	2.92	R2.74	2.84
Kansas	3.64	3.34	3.90	3.65	3.44	3.22	3.43	4.10
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	3.68	2.95	W	3.00	3.27	3.44	3.25	3.37
Massachusetts	W	2.89	4.54	2.29	2.42	2.58	2.65	3.36
Michigan	3.30	2.69	W	3.29	3.23	3.21	3.24	3.44
Minnesota	W	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W	W
Missouri	3.04	W	W	3.10	3.11	3.06	3.22	3.40
Montana	1.89	--	W	1.49	1.52	1.52	2.10	2.49
Nebraska	4.02	3.25	4.05	4.12	3.64	3.48	3.51	4.03
Nevada	3.56	2.88	3.43	3.35	3.27	3.29	3.48	3.49
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	2.91	2.08	3.33	2.04	2.19	2.44	2.42	3.24
New Mexico	3.60	2.94	3.36	3.45	3.50	3.53	3.51	3.69
New York	3.38	2.60	3.76	2.36	2.56	2.75	2.96	3.29
North Carolina	W	W	W	W	W	W	W	W
North Dakota	5.39	2.57	8.76	4.98	6.35	6.14	4.36	4.37
Ohio	3.07	2.27	2.53	2.81	2.76	2.91	3.06	3.22
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	2.62	1.83	2.81	1.71	2.03	2.27	2.39	3.00
Rhode Island	W	W	W	W	W	W	W	W
South Carolina	W	W	W	W	W	W	W	W
South Dakota	--	2.55	3.51	--	--	--	--	--
Tennessee	3.06	2.46	2.85	2.99	2.86	2.93	3.07	2.96
Texas	3.16	2.56	3.01	3.11	3.03	3.11	3.17	3.29
Utah	W	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--	--
Virginia	W	W	W	2.67	2.94	3.09	3.10	3.59
Washington	4.20	W	W	3.94	3.62	4.03	5.16	3.85
West Virginia	W	W	W	W	W	W	W	W
Wisconsin	W	W	W	3.23	3.16	W	W	W
Wyoming	W	9.21	W	W	W	W	W	W
Total	**3.51**	**2.86**	**3.54**	**3.31**	**3.27**	**3.32**	**3.41**	**R3.61**

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

	2017				2016			
State	April	March	February	January	Total	December	November	October
Alabama	W	W	W	W	W	W	W	W
Alaska	8.09	8.09	8.09	8.09	6.65	7.21	6.91	6.86
Arizona	W	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W	W
California	W	W	W	W	3.22	4.05	3.27	3.43
Colorado	W	W	W	W	W	W	W	W
Connecticut	W	W	5.84	8.10	3.67	5.49	3.34	2.45
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	3.59	4.02	4.38	4.92	3.86	W	W	W
Georgia	W	W	W	W	3.08	W	3.15	3.59
Hawaii	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	2.92	4.05	4.66	4.78
Illinois	W	W	W	W	2.88	W	W	3.18
Indiana	W	W	W	W	W	W	W	W
Iowa	2.85	4.71	4.85	5.12	2.81	3.83	3.02	3.00
Kansas	3.88	3.52	4.82	4.92	3.48	5.05	3.28	3.96
Kentucky	W	W	5.96	W	W	W	W	W
Louisiana	W	W	W	W	2.76	W	W	W
Maine	W	W	W	W	W	W	--	W
Maryland	3.40	4.90	4.25	5.50	2.97	4.98	3.67	2.75
Massachusetts	R3.47	R4.35	W	W	3.22	7.03	4.59	3.36
Michigan	3.45	3.16	3.18	3.63	2.81	3.93	2.77	3.19
Minnesota	3.40	W	3.49	4.49	W	W	W	W
Mississippi	W	W	W	W	W	W	W	W
Missouri	3.03	2.59	3.05	3.43	W	W	W	W
Montana	2.22	2.09	2.25	2.36	--	--	--	--
Nebraska	4.37	5.17	6.48	5.61	3.31	4.75	3.17	3.54
Nevada	3.74	3.60	3.80	4.37	3.02	3.77	3.35	3.46
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	3.34	3.45	3.64	4.06	2.20	4.01	2.45	1.86
New Mexico	3.85	3.27	3.65	4.02	3.07	4.21	3.06	3.30
New York	3.39	4.26	4.54	5.41	2.76	5.47	2.95	1.98
North Carolina	W	W	W	W	W	W	W	W
North Dakota	4.42	5.52	4.80	6.31	2.74	3.58	2.74	3.10
Ohio	3.28	2.93	3.26	3.84	2.36	3.41	2.32	2.30
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	3.00	2.86	3.21	4.12	1.95	3.52	2.10	1.29
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
Tennessee	3.04	3.00	3.09	3.82	2.61	3.44	2.84	3.15
Texas	3.22	3.02	R3.13	3.47	2.67	3.44	2.71	3.24
Utah	W	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--	--
Virginia	3.67	W	W	W	W	W	W	W
Washington	3.67	3.74	5.57	4.95	W	W	W	W
West Virginia	3.36	W	W	W	W	5.87	2.83	1.69
Wisconsin	W	W	W	W	W	W	W	W
Wyoming	W	10.87	W	4.04	8.29	8.65	12.43	4,893.63
Total	**R3.50**	**3.52**	**3.74**	**R4.33**	**2.99**	**4.16**	**3.14**	**3.24**

See footnotes at end of table.

Table 23

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 September	August	July	June	May	April	March	February
Alabama	W	W	W	W	W	W	W	W
Alaska	6.52	6.49	6.81	7.10	6.43	6.47	6.34	6.43
Arizona	W	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W	W
California	3.59	3.45	3.48	2.98	W	2.47	2.59	2.85
Colorado	W	W	W	W	W	W	W	W
Connecticut	2.92	3.09	3.13	2.33	2.39	2.74	4.63	5.63
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	W	3.95	3.72	3.43	W	W	W	W
Georgia	3.59	3.33	3.30	3.03	2.44	2.40	2.23	W
Hawaii	--	--	--	--	--	--	--	--
Idaho	3.38	2.89	2.83	2.47	2.41	11.72	2.26	2.25
Illinois	3.29	3.07	3.05	W	2.25	2.24	2.31	W
Indiana	W	W	W	W	W	W	W	W
Iowa	3.00	2.94	2.83	2.63	2.10	2.61	2.23	2.57
Kansas	3.52	3.53	3.26	3.07	3.15	3.16	2.84	4.22
Kentucky	W	W	W	W	W	W	W	3.35
Louisiana	W	W	3.08	2.63	W	W	W	W
Maine	W	W	W	W	W	W	W	W
Maryland	2.47	2.97	2.94	3.01	2.50	2.40	2.69	5.64
Massachusetts	2.97	3.18	2.86	2.34	2.11	2.99	1.99	3.46
Michigan	3.32	3.12	3.04	2.75	2.28	2.31	2.14	2.37
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	--	--	--	--	--	--	--	--
Nebraska	3.70	3.48	3.41	3.32	2.77	2.44	2.34	2.81
Nevada	3.39	3.23	3.38	2.57	2.54	2.40	2.30	2.78
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	1.70	1.92	2.09	2.13	1.95	1.76	1.62	2.83
New Mexico	3.43	3.30	3.31	2.87	2.47	2.69	2.56	2.57
New York	2.18	2.54	2.75	2.38	2.12	2.36	2.22	3.41
North Carolina	W	W	W	W	W	W	W	W
North Dakota	3.07	2.98	2.88	2.63	2.04	2.09	1.90	2.22
Ohio	2.59	2.55	2.80	2.32	2.03	2.01	1.63	2.00
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	1.51	1.68	1.86	1.90	1.65	1.61	1.43	2.33
Rhode Island	W	W	2.92	W	2.23	W	W	W
South Carolina	W	W	W	W	W	W	W	W
South Dakota	3.39	2.94	2.87	2.53	2.10	2.07	1.82	2.08
Tennessee	2.91	2.69	2.74	2.37	1.96	1.96	2.05	2.33
Texas	3.13	2.94	2.95	2.62	2.17	2.14	1.91	2.19
Utah	W	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--	--
Virginia	W	W	W	W	W	W	W	W
Washington	W	W	W	W	W	W	W	W
West Virginia	1.97	W	3.21	2.00	2.03	2.12	1.92	2.07
Wisconsin	W	W	W	W	W	W	W	W
Wyoming	10.24	5.57	--	17.60	12.15	5.88	4.39	7.69
Total	**3.19**	**3.07**	**3.07**	**2.77**	**2.49**	**2.52**	**2.33**	**2.83**

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

	2016							2015
State	January	Total	December	November	October	September	August	July
Alabama	W	W	W	W	W	W	W	W
Alaska	6.47	5.40	5.44	5.48	5.45	5.48	5.21	5.19
Arizona	W	3.43	W	W	W	W	3.47	3.54
Arkansas	W	W	W	W	W	W	W	W
California	3.08	3.40	2.96	2.95	3.19	3.29	3.53	3.54
Colorado	W	3.79	W	W	W	W	W	W
Connecticut	6.12	4.73	5.06	5.14	3.17	3.08	2.69	2.48
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	W	4.41	3.98	3.90	4.31	4.46	4.45	4.43
Georgia	W	3.27	W	W	W	3.31	3.36	3.40
Hawaii	--	--	--	--	--	--	--	--
Idaho	2.67	2.89	2.41	2.72	2.92	3.01	2.92	2.85
Illinois	W	W	W	W	W	3.12	W	W
Indiana	W	W	W	W	W	W	W	W
Iowa	2.96	3.25	2.60	5.08	2.89	2.99	3.13	3.08
Kansas	4.26	3.95	4.66	4.03	4.88	3.68	3.70	3.52
Kentucky	W	W	3.42	2.50	W	W	W	W
Louisiana	W	W	W	W	W	W	3.20	W
Maine	W	W	4.31	W	W	W	W	W
Maryland	3.59	4.06	3.13	3.11	3.05	3.18	4.07	3.73
Massachusetts	4.73	4.33	2.53	3.62	4.31	4.14	3.08	2.57
Michigan	2.66	3.21	2.17	2.57	2.91	3.32	3.40	3.30
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	W	2.23	2.28	W
Nebraska	3.52	3.97	3.63	3.37	3.22	3.38	5.08	3.81
Nevada	2.98	3.34	3.00	2.85	3.24	3.30	3.38	3.43
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	3.02	2.98	1.69	1.81	2.02	2.10	2.23	2.09
New Mexico	2.91	3.21	2.46	2.64	3.11	3.13	3.28	3.86
New York	3.76	3.51	2.96	2.69	2.60	2.51	2.61	2.56
North Carolina	W	W	W	W	W	W	W	W
North Dakota	2.45	8.39	7.20	11.42	8.77	8.75	6.57	11.04
Ohio	2.20	2.42	1.91	2.09	2.17	2.27	2.25	2.30
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	2.70	2.52	1.55	1.59	1.71	2.00	1.80	2.02
Rhode Island	W	3.72	W	3.29	3.74	2.78	2.42	2.40
South Carolina	W	W	W	W	W	W	W	W
South Dakota	2.57	3.31	2.25	2.92	2.90	3.31	4.23	3.78
Tennessee	2.58	2.74	2.33	2.31	2.47	2.61	2.71	2.74
Texas	2.53	2.88	2.22	2.30	2.66	2.88	3.01	3.03
Utah	2.81	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--	--
Virginia	W	3.55	W	W	W	W	W	W
Washington	W	W	W	W	W	W	W	W
West Virginia	2.22	W	1.52	1.91	W	W	1.94	2.07
Wisconsin	W	W	W	W	W	W	W	W
Wyoming	13.31	W	W	3.76	4.45	3.94	W	W
Total	**3.17**	**3.38**	**2.72**	**2.78**	**3.04**	**3.20**	**3.23**	**3.23**

See footnotes at end of table.

Table 23

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

						2015
State	June	May	April	March	February	January
Alabama	W	W	W	W	W	W
Alaska	5.14	4.86	5.47	5.41	5.49	5.95
Arizona	3.47	3.73	W	W	W	W
Arkansas	W	W	W	W	W	W
California	3.52	3.45	W	3.50	3.73	W
Colorado	W	W	W	W	W	W
Connecticut	2.19	2.30	2.99	6.91	12.82	8.77
Delaware	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--
Florida	4.52	W	W	W	4.78	W
Georgia	3.38	3.57	W	W	W	W
Hawaii	--	--	--	--	--	--
Idaho	2.74	3.08	3.05	16.18	--	3.03
Illinois	3.04	W	W	W	4.81	W
Indiana	W	W	W	W	W	W
Iowa	3.08	3.18	2.98	3.45	4.71	5.01
Kansas	3.68	4.33	4.32	4.06	4.50	5.25
Kentucky	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W
Maine	4.06	3.78	3.99	W	17.68	W
Maryland	3.09	3.25	2.58	W	W	6.65
Massachusetts	3.18	3.16	3.36	8.64	13.60	12.66
Michigan	3.18	3.25	W	3.57	4.11	3.62
Minnesota	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W
Missouri	W	W	W	W	W	W
Montana	W	W	2.31	W	W	W
Nebraska	3.59	4.01	3.63	4.02	4.90	4.48
Nevada	3.43	3.21	3.27	3.45	3.54	4.10
New Hampshire	W	W	W	W	W	W
New Jersey	2.37	2.35	2.48	3.68	10.03	5.86
New Mexico	3.61	3.26	3.03	3.09	3.11	3.71
New York	2.71	2.76	2.82	4.48	9.93	6.24
North Carolina	W	W	W	W	W	W
North Dakota	8.41	10.94	8.00	9.81	8.87	11.41
Ohio	2.20	2.38	2.23	2.75	3.31	2.92
Oklahoma	W	W	W	W	W	W
Oregon	W	W	W	W	W	W
Pennsylvania	1.83	2.01	2.02	3.06	8.29	4.28
Rhode Island	1.96	2.15	3.41	7.68	W	9.99
South Carolina	W	W	W	W	W	W
South Dakota	3.53	3.06	3.46	2.77	3.05	2.94
Tennessee	2.75	2.28	2.66	3.35	3.27	3.59
Texas	2.98	3.02	2.82	3.02	3.10	3.28
Utah	W	W	W	W	3.37	W
Vermont	--	--	--	--	--	--
Virginia	W	2.82	W	W	W	W
Washington	W	W	W	W	W	W
West Virginia	2.48	2.41	W	2.64	W	2.96
Wisconsin	W	W	W	W	W	W
Wyoming	W	W	W	W	W	W
Total	**3.25**	**3.28**	**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.

R Revised data.

-- Not applicable.

W Withheld.

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

Sources: 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 9-Month YTD Residential	2017 9-Month YTD Commercial	2017 9-Month YTD Industrial	2016 9-Month YTD Residential	2016 9-Month YTD Commercial	2016 9-Month YTD Industrial	2015 9-Month YTD Residential	2015 9-Month YTD Commercial	2015 9-Month YTD Industrial
Alabama	NA	NA	26.5	100.0	78.4	24.3	100.0	79.1	23.2
Alaska	100.0	NA	100.0	100.0	98.3	100.0	100.0	97.7	100.0
Arizona	NA	NA	13.8	100.0	83.3	15.9	100.0	83.7	16.2
Arkansas	91.7	NA	1.5	100.0	39.4	1.4	100.0	45.0	1.7
California	NA	52.9	4.1	95.0	50.7	3.8	94.6	49.2	3.7
Colorado	100.0	93.3	7.2	100.0	94.0	7.4	100.0	94.2	7.3
Connecticut	96.2	76.5	NA	96.3	76.4	48.6	96.4	76.1	46.6
Delaware	100.0	NA	NA	100.0	39.5	0.2	100.0	49.1	0.3
District of Columbia	NA	19.2	0.0	72.5	19.0	--	73.6	22.0	--
Florida	NA	NA	3.5	92.0	30.3	3.4	91.9	32.4	3.4
Georgia	NA	100.0	25.8	100.0	100.0	21.8	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	75.6	2.7	100.0	72.8	2.4	100.0	72.5	2.5
Illinois	NA	32.9	NA	86.0	33.7	5.8	85.9	36.1	6.2
Indiana	NA	NA	1.6	95.7	65.4	1.7	95.7	67.3	2.0
Iowa	100.0	67.3	NA	100.0	68.8	3.2	100.0	70.2	3.1
Kansas	NA	NA	8.2	100.0	45.4	9.0	98.3	48.8	10.1
Kentucky	96.6	76.8	18.6	96.6	78.0	17.5	96.1	79.8	16.6
Louisiana	100.0	NA	3.2	100.0	78.6	3.2	100.0	79.9	3.2
Maine	100.0	59.9	9.1	100.0	58.2	7.9	100.0	52.6	4.4
Maryland	NA	NA	NA	73.1	25.3	3.9	72.5	28.1	8.3
Massachusetts	98.3	NA	NA	99.0	47.1	26.5	99.5	46.8	28.3
Michigan	93.2	NA	6.0	92.7	54.2	6.2	92.8	56.1	7.2
Minnesota	100.0	87.3	15.7	100.0	83.7	14.8	100.0	83.8	15.3
Mississippi	89.1	83.2	NA	100.0	84.4	9.6	100.0	86.3	9.6
Missouri	100.0	NA	12.3	100.0	72.7	11.8	100.0	72.1	13.1
Montana	99.4	50.9	1.5	99.6	48.7	1.3	99.7	53.6	1.4
Nebraska	87.8	55.1	NA	87.9	59.8	6.4	88.3	56.6	7.3
Nevada	100.0	59.1	13.7	100.0	58.4	12.0	100.0	57.3	11.7
New Hampshire	100.0	54.4	5.2	100.0	54.1	6.2	100.0	59.5	10.6
New Jersey	94.5	NA	NA	94.3	37.2	5.1	93.2	42.6	7.5
New Mexico	100.0	56.3	NA	100.0	57.0	7.8	100.0	57.9	7.0
New York	100.0	100.0	NA	100.0	100.0	6.1	100.0	100.0	6.4
North Carolina	NA	NA	10.7	100.0	83.1	10.7	100.0	84.0	10.8
North Dakota	100.0	92.5	34.3	100.0	92.6	30.2	100.0	92.9	39.1
Ohio	NA	100.0	NA	100.0	100.0	2.0	100.0	100.0	2.1
Oklahoma	100.0	43.7	0.8	100.0	43.2	0.5	100.0	47.0	0.7
Oregon	100.0	94.5	15.0	100.0	94.2	14.2	100.0	95.3	15.0
Pennsylvania	NA	NA	NA	87.3	37.0	1.0	86.2	41.0	1.3
Rhode Island	100.0	52.6	NA	100.0	52.6	3.3	100.0	54.3	5.8
South Carolina	100.0	91.0	40.9	100.0	91.6	41.5	100.0	92.1	43.1
South Dakota	100.0	80.7	3.8	100.0	80.1	4.1	100.0	80.6	4.3
Tennessee	100.0	87.0	23.1	100.0	87.4	28.0	100.0	89.2	29.6
Texas	NA	NA	NA	99.8	71.1	40.8	99.8	72.7	39.5
Utah	100.0	72.9	4.4	100.0	76.4	5.9	100.0	76.8	7.9
Vermont	100.0	NA	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	NA	NA	NA	89.5	50.9	9.5	89.5	54.8	10.5
Washington	100.0	NA	6.4	100.0	84.2	6.0	100.0	84.0	5.9
West Virginia	NA	49.7	NA	100.0	50.8	10.1	100.0	55.0	14.5
Wisconsin	100.0	70.6	15.3	100.0	70.2	15.5	100.0	72.0	16.5
Wyoming	71.6	NA	NA	72.0	50.4	1.8	72.1	51.2	1.9
Total	**95.7**	**64.9**	**14.4**	**95.8**	**64.7**	**14.8**	**95.6**	**66.1**	**14.8**

See footnotes at end of table.

Table 24

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

	2017								
	September			August			July		
State	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	71.3	26.6	100.0	70.9	25.8	100.0	72.5	25.7
Alaska	100.0	NA	100.0	100.0	97.2	100.0	100.0	98.0	100.0
Arizona	100.0	77.9	14.1	100.0	NA	11.8	100.0	79.9	14.1
Arkansas	100.0	25.6	1.5	100.0	24.4	1.4	100.0	23.5	1.5
California	95.1	47.6	3.9	94.6	46.9	3.8	95.2	48.6	3.5
Colorado	100.0	90.8	6.4	100.0	91.3	5.7	100.0	90.8	5.7
Connecticut	95.5	73.4	49.6	95.4	72.2	47.3	95.2	73.0	50.1
Delaware	100.0	NA	NA	100.0	23.3	0.1	100.0	26.4	NA
District of Columbia	70.0	15.8	0.0	NA	16.0	0.0	66.9	20.9	0.0
Florida	NA	NA	3.8	92.4	NA	3.4	92.4	28.9	3.2
Georgia	NA	100.0	27.3	100.0	100.0	25.7	100.0	100.0	26.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	64.3	2.5	100.0	63.0	2.9	100.0	54.4	2.6
Illinois	NA	21.3	NA	NA	20.6	2.9	86.1	23.8	2.4
Indiana	95.7	54.7	0.9	NA	NA	0.9	95.4	55.1	0.8
Iowa	100.0	53.9	2.5	100.0	54.7	1.9	100.0	51.8	2.0
Kansas	100.0	25.0	11.3	100.0	25.8	16.3	100.0	25.5	18.5
Kentucky	97.6	69.0	18.2	97.7	64.7	18.1	97.5	68.1	18.5
Louisiana	100.0	78.8	3.2	100.0	76.9	3.0	100.0	76.3	3.2
Maine	100.0	45.0	6.8	100.0	43.6	7.2	100.0	43.1	8.0
Maryland	73.3	17.3	NA	72.1	17.7	NA	69.7	NA	NA
Massachusetts	97.9	29.0	20.6	97.9	30.0	22.7	98.0	30.8	23.0
Michigan	93.6	39.0	2.6	93.5	NA	2.1	92.6	36.9	2.5
Minnesota	100.0	75.4	12.9	100.0	70.9	12.3	100.0	76.6	14.9
Mississippi	100.0	79.9	8.2	100.0	81.0	7.6	100.0	80.2	8.3
Missouri	100.0	61.1	11.1	100.0	R58.4	9.1	100.0	60.6	9.3
Montana	99.5	37.9	0.8	99.4	37.3	0.9	99.3	40.0	0.7
Nebraska	88.9	43.5	5.1	89.3	44.2	3.9	89.2	42.4	5.1
Nevada	100.0	48.8	10.7	100.0	47.1	8.6	100.0	49.3	9.9
New Hampshire	100.0	45.5	3.0	100.0	46.6	3.4	100.0	46.6	2.5
New Jersey	94.7	20.5	NA	95.0	25.3	NA	94.1	NA	NA
New Mexico	99.9	46.9	8.9	99.9	47.0	12.0	99.9	48.5	11.9
New York	100.0	100.0	NA	100.0	100.0	4.6	100.0	100.0	NA
North Carolina	100.0	76.2	9.6	100.0	75.6	8.6	NA	NA	8.8
North Dakota	100.0	88.3	8.6	100.0	86.8	32.8	100.0	84.4	32.0
Ohio	100.0	100.0	0.8	100.0	100.0	1.0	100.0	100.0	0.8
Oklahoma	100.0	28.0	0.4	100.0	27.0	0.4	100.0	29.6	0.4
Oregon	100.0	92.3	14.6	100.0	92.6	13.1	100.0	92.8	13.1
Pennsylvania	87.8	28.7	0.3	87.8	28.8	0.3	87.6	27.4	NA
Rhode Island	100.0	53.5	3.2	100.0	54.4	3.1	100.0	50.7	3.4
South Carolina	100.0	89.4	40.7	100.0	89.7	40.8	100.0	90.5	38.9
South Dakota	100.0	71.3	1.7	100.0	68.1	1.9	100.0	73.1	2.3
Tennessee	100.0	80.2	22.2	100.0	79.1	22.6	100.0	80.6	21.0
Texas	99.8	63.4	38.4	99.7	62.1	39.5	99.8	62.7	39.1
Utah	100.0	58.4	3.8	100.0	55.2	4.0	100.0	60.1	4.8
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.0	NA	7.7	88.0	41.4	7.4	86.4	NA	NA
Washington	100.0	81.6	5.3	100.0	78.1	3.8	100.0	79.9	4.3
West Virginia	100.0	36.1	6.9	100.0	29.9	8.3	NA	30.5	6.0
Wisconsin	100.0	52.1	10.7	100.0	52.4	11.3	100.0	52.9	13.5
Wyoming	74.9	NA	1.9	72.7	40.6	1.4	71.7	51.5	1.5
Total	**96.1**	**56.2**	**13.6**	**95.7**	**55.6**	**14.2**	**95.8**	**56.9**	**14.5**

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	June			May			2017 April		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	NA	NA	26.3	100.0	NA	25.6	100.0	NA	27.0
Alaska	100.0	97.4	100.0	100.0	98.0	100.0	100.0	98.9	100.0
Arizona	100.0	81.4	12.6	100.0	80.4	14.6	100.0	82.0	15.1
Arkansas	30.3	25.2	1.2	100.0	NA	1.3	100.0	35.8	1.2
California	94.7	51.6	3.6	95.2	55.0	3.7	94.8	53.9	3.8
Colorado	100.0	90.6	5.4	100.0	92.4	6.2	100.0	92.7	7.6
Connecticut	95.4	72.4	47.7	95.1	72.7	49.3	96.1	76.9	NA
Delaware	100.0	29.3	0.2	100.0	32.5	0.5	100.0	43.7	NA
District of Columbia	69.8	16.0	0.0	72.0	17.5	0.0	74.7	14.7	0.0
Florida	91.9	30.2	3.4	91.1	29.7	3.4	90.5	30.6	3.8
Georgia	100.0	100.0	26.6	100.0	100.0	24.3	100.0	100.0	25.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	58.8	2.9	100.0	62.2	2.6	100.0	74.2	2.4
Illinois	83.8	23.0	3.0	82.3	26.3	3.8	82.8	30.1	5.0
Indiana	95.5	54.6	0.9	95.4	58.8	1.2	95.2	59.6	1.4
Iowa	100.0	52.8	1.7	100.0	61.0	1.8	100.0	64.9	2.2
Kansas	100.0	30.0	10.9	NA	NA	2.9	100.0	44.2	3.5
Kentucky	96.9	67.2	19.9	96.6	70.5	18.8	95.4	73.5	18.4
Louisiana	100.0	NA	3.4	100.0	78.3	3.1	100.0	81.4	3.3
Maine	100.0	53.2	6.4	100.0	56.2	8.7	100.0	64.6	10.3
Maryland	NA	20.0	NA	74.2	20.2	2.8	72.6	22.8	4.1
Massachusetts	98.0	36.0	24.2	98.0	40.6	NA	98.2	NA	28.1
Michigan	93.4	38.5	2.9	92.5	46.0	3.8	93.3	58.5	6.8
Minnesota	100.0	73.8	11.4	100.0	82.4	13.9	100.0	86.7	15.9
Mississippi	100.0	78.4	8.4	100.0	80.5	8.6	44.1	81.5	8.1
Missouri	100.0	62.5	9.4	100.0	65.2	10.0	100.0	71.0	13.1
Montana	99.3	43.6	1.0	99.4	49.3	1.5	99.4	50.5	2.0
Nebraska	87.8	45.2	6.9	86.9	49.2	5.6	88.1	56.0	7.2
Nevada	100.0	52.8	10.2	100.0	52.0	12.5	100.0	56.9	15.7
New Hampshire	100.0	47.7	3.6	100.0	50.8	4.1	100.0	54.9	5.9
New Jersey	94.7	NA	NA	94.7	34.2	3.2	94.6	45.0	NA
New Mexico	100.0	52.7	8.8	100.0	52.8	6.8	100.0	53.7	NA
New York	100.0	100.0	NA	100.0	100.0	5.5	100.0	100.0	6.4
North Carolina	100.0	NA	9.4	100.0	77.7	9.2	100.0	77.9	11.6
North Dakota	100.0	86.1	36.6	100.0	89.5	42.5	100.0	92.5	41.4
Ohio	100.0	100.0	0.7	NA	100.0	NA	100.0	100.0	NA
Oklahoma	100.0	32.1	0.3	100.0	34.9	0.5	100.0	38.7	0.5
Oregon	100.0	92.5	13.3	100.0	93.2	14.0	100.0	93.9	15.1
Pennsylvania	87.3	27.8	0.3	87.9	31.8	0.5	87.0	NA	0.9
Rhode Island	100.0	47.9	4.1	100.0	48.5	4.0	100.0	50.5	3.3
South Carolina	100.0	90.4	40.7	100.0	90.1	41.0	100.0	90.0	41.6
South Dakota	100.0	71.0	2.3	100.0	77.8	2.7	100.0	79.4	4.1
Tennessee	100.0	81.8	22.7	100.0	82.3	22.7	100.0	86.6	23.2
Texas	99.8	65.6	38.6	99.8	NA	38.1	99.8	66.4	39.2
Utah	100.0	60.5	5.1	100.0	66.1	4.8	100.0	70.9	4.3
Vermont	100.0	NA	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	86.2	41.2	7.3	NA	NA	9.8	87.5	45.3	10.9
Washington	100.0	NA	4.8	100.0	NA	5.2	100.0	86.0	7.0
West Virginia	100.0	27.9	8.3	100.0	41.3	NA	100.0	45.8	9.9
Wisconsin	100.0	55.7	10.2	100.0	62.1	12.7	100.0	69.9	14.8
Wyoming	71.2	50.0	1.5	71.6	48.9	1.7	72.8	52.2	1.7
Total	**94.5**	**58.1**	**14.4**	**95.6**	**61.0**	**13.8**	**95.3**	**65.1**	**14.5**

See footnotes at end of table.

Table 24

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

	2017								
	March			February			January		
State	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	77.9	27.4	100.0	82.0	27.1	100.0	80.7	26.9
Alaska	100.0	99.1	100.0	100.0	99.1	100.0	100.0	99.2	100.0
Arizona	100.0	82.9	13.9	NA	85.8	14.2	100.0	85.2	13.6
Arkansas	100.0	43.1	1.9	100.0	46.8	1.8	100.0	51.9	1.6
California	94.6	53.9	4.5	95.1	56.9	5.0	NA	56.6	4.8
Colorado	100.0	93.8	7.5	100.0	94.3	9.0	100.0	94.7	9.0
Connecticut	96.3	79.7	NA	96.5	76.8	51.7	96.6	79.8	52.0
Delaware	100.0	40.0	0.6	100.0	44.6	0.6	100.0	44.7	0.6
District of Columbia	75.5	22.2	0.0	NA	23.1	0.0	71.1	21.9	0.0
Florida	90.3	31.3	3.4	90.4	31.3	4.0	92.5	30.7	3.2
Georgia	100.0	100.0	26.2	100.0	100.0	26.0	100.0	100.0	25.1
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	77.0	2.5	100.0	82.5	3.2	100.0	87.0	2.7
Illinois	86.4	38.3	8.5	85.3	37.1	8.3	86.4	39.5	9.8
Indiana	95.6	68.4	2.1	95.7	66.8	2.4	95.9	68.8	2.7
Iowa	100.0	71.4	NA	100.0	73.2	3.2	100.0	74.7	4.2
Kansas	100.0	48.6	4.2	100.0	56.1	1.5	100.0	60.9	1.4
Kentucky	96.8	79.3	19.8	96.3	80.6	18.3	96.7	83.1	17.8
Louisiana	100.0	NA	3.0	100.0	NA	3.3	100.0	NA	3.1
Maine	100.0	62.8	11.3	100.0	64.6	10.6	100.0	63.4	10.9
Maryland	75.4	28.0	7.4	75.2	32.3	8.0	73.5	30.4	8.6
Massachusetts	98.5	53.9	29.4	98.5	51.6	27.9	98.5	53.6	30.5
Michigan	93.6	58.5	8.3	93.0	59.7	9.0	93.3	62.8	10.6
Minnesota	100.0	91.8	17.4	100.0	92.1	17.9	100.0	91.1	21.7
Mississippi	100.0	85.2	NA	100.0	84.9	NA	100.0	87.7	9.7
Missouri	100.0	72.6	12.6	100.0	NA	17.2	100.0	79.0	15.4
Montana	99.4	51.4	1.7	99.3	55.5	2.7	99.4	55.9	2.8
Nebraska	87.6	59.5	NA	87.6	59.4	8.5	87.7	60.4	8.5
Nevada	100.0	62.5	16.2	100.0	69.3	20.0	100.0	69.1	18.7
New Hampshire	100.0	56.9	8.6	100.0	56.3	6.8	100.0	57.0	7.0
New Jersey	94.6	48.4	NA	94.5	49.5	NA	94.4	NA	NA
New Mexico	100.0	61.2	NA	100.0	64.0	4.3	100.0	57.7	5.5
New York	100.0	100.0	7.5	100.0	100.0	7.9	100.0	100.0	7.6
North Carolina	100.0	NA	11.8	100.0	84.4	12.4	100.0	87.4	13.9
North Dakota	100.0	94.1	38.9	100.0	94.1	28.3	100.0	94.5	36.6
Ohio	100.0	100.0	NA	100.0	100.0	3.2	100.0	100.0	2.7
Oklahoma	100.0	45.0	0.8	100.0	52.5	1.5	100.0	53.6	1.9
Oregon	100.0	94.8	16.4	100.0	95.1	16.9	100.0	95.7	17.2
Pennsylvania	88.1	39.6	1.6	87.4	39.8	1.7	NA	41.1	1.9
Rhode Island	100.0	54.1	4.0	100.0	53.5	NA	100.0	54.6	4.0
South Carolina	100.0	91.7	41.0	100.0	91.9	43.1	100.0	93.0	40.6
South Dakota	100.0	82.8	5.2	100.0	83.6	7.1	100.0	85.0	6.4
Tennessee	100.0	89.3	24.4	100.0	91.0	24.0	100.0	91.6	24.7
Texas	99.7	72.8	39.0	99.8	NA	38.5	NA	NA	NA
Utah	100.0	76.9	4.6	100.0	77.1	4.1	100.0	80.8	4.2
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	NA	NA	13.5	89.6	53.2	9.0	89.4	59.9	13.2
Washington	100.0	87.6	7.8	100.0	87.9	8.5	100.0	89.4	9.0
West Virginia	100.0	60.3	6.8	100.0	60.3	8.0	100.0	61.6	7.0
Wisconsin	100.0	75.2	17.7	100.0	76.8	18.8	100.0	79.0	21.7
Wyoming	70.6	48.8	1.7	71.0	49.1	2.0	71.7	51.0	NA
Total	**95.7**	**67.9**	**14.9**	**95.9**	**69.1**	**15.0**	**96.0**	**70.5**	**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

	2016								
	Total			December			November		
State	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	77.2	24.6	100.0	76.7	25.9	100.0	69.8	24.8
Alaska	100.0	98.5	100.0	100.0	99.1	100.0	100.0	98.9	100.0
Arizona	100.0	82.8	15.9	100.0	83.6	14.0	100.0	80.5	15.2
Arkansas	100.0	37.7	1.5	100.0	41.2	1.3	100.0	25.3	1.8
California	95.1	51.1	3.9	95.5	54.0	4.1	95.7	52.0	4.5
Colorado	100.0	94.3	7.5	100.0	95.7	9.4	100.0	94.8	7.7
Connecticut	96.2	76.3	49.0	96.4	77.6	52.5	95.9	75.7	49.2
Delaware	100.0	37.2	0.3	100.0	36.1	0.5	100.0	29.5	0.3
District of Columbia	73.2	19.5	--	78.5	26.3	--	69.3	16.9	--
Florida	91.7	30.1	3.4	90.6	29.5	3.3	89.6	29.8	3.4
Georgia	100.0	100.0	22.0	100.0	100.0	23.6	100.0	100.0	23.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	75.0	2.4	100.0	85.4	2.6	100.0	75.5	2.4
Illinois	86.6	34.4	6.1	88.2	40.1	9.7	88.1	33.8	5.6
Indiana	95.7	66.3	1.7	95.9	70.9	2.2	95.9	66.6	1.6
Iowa	100.0	69.5	3.5	100.0	73.8	3.9	100.0	69.1	5.4
Kansas	100.0	46.2	7.7	100.0	57.4	1.7	100.0	43.2	4.3
Kentucky	96.9	78.0	17.4	97.5	82.4	17.9	98.1	73.8	16.4
Louisiana	100.0	77.9	3.1	100.0	77.2	3.1	100.0	75.4	3.0
Maine	100.0	57.8	8.4	100.0	60.5	11.8	100.0	54.4	11.3
Maryland	74.1	25.7	4.0	77.8	31.1	6.3	75.4	23.6	4.4
Massachusetts	98.9	47.0	25.8	98.7	51.8	26.3	98.7	44.2	22.3
Michigan	92.9	55.0	6.3	93.3	60.9	9.1	93.3	54.8	5.6
Minnesota	100.0	85.1	15.7	100.0	89.7	18.7	100.0	87.9	18.5
Mississippi	100.0	84.2	9.7	100.0	86.6	9.3	100.0	80.7	9.5
Missouri	100.0	72.1	11.8	100.0	75.8	14.2	100.0	64.5	10.7
Montana	99.6	47.6	1.4	99.5	49.3	2.3	99.5	41.7	1.4
Nebraska	87.5	58.5	6.2	86.1	57.1	6.5	85.2	47.8	5.7
Nevada	100.0	58.5	12.7	100.0	65.4	17.6	100.0	55.7	13.7
New Hampshire	100.0	53.7	5.7	100.0	54.5	6.3	100.0	51.0	4.3
New Jersey	94.3	37.3	5.2	94.4	39.2	8.7	94.4	38.9	5.1
New Mexico	100.0	54.3	9.0	100.0	52.5	10.0	99.9	40.5	14.0
New York	100.0	100.0	5.9	100.0	100.0	5.9	100.0	100.0	4.7
North Carolina	100.0	83.1	10.6	100.0	85.6	12.1	100.0	83.3	10.4
North Dakota	100.0	92.8	31.6	100.0	94.2	28.1	100.0	92.8	36.9
Ohio	100.0	100.0	2.0	100.0	100.0	2.8	100.0	100.0	1.6
Oklahoma	100.0	40.4	0.5	100.0	38.1	0.8	100.0	24.4	0.3
Oregon	100.0	94.4	14.4	100.0	95.6	16.0	100.0	94.3	15.1
Pennsylvania	87.6	37.4	1.0	88.0	40.4	1.5	88.9	38.3	0.8
Rhode Island	100.0	52.8	3.3	100.0	54.5	3.6	100.0	51.7	2.7
South Carolina	100.0	91.6	41.3	100.0	92.6	39.1	100.0	91.6	40.9
South Dakota	100.0	80.5	4.5	100.0	83.3	6.7	100.0	80.8	6.7
Tennessee	100.0	87.2	27.1	100.0	89.5	25.0	100.0	84.9	24.4
Texas	99.8	70.7	40.1	99.7	75.8	37.5	99.5	65.4	38.1
Utah	100.0	76.1	5.5	100.0	80.8	5.0	100.0	67.9	4.4
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	90.1	51.7	10.1	92.0	63.1	14.1	91.5	45.9	10.9
Washington	100.0	85.4	6.2	100.0	90.1	8.0	100.0	86.2	6.6
West Virginia	100.0	51.7	9.6	100.0	61.5	8.5	100.0	51.6	6.2
Wisconsin	100.0	70.9	16.1	100.0	77.6	19.9	100.0	70.2	17.2
Wyoming	72.8	51.8	1.8	74.5	58.2	2.1	73.9	52.9	1.6
Total	**95.8**	**64.8**	**14.7**	**96.0**	**68.2**	**14.7**	**96.0**	**63.5**	**14.5**

See footnotes at end of table.

Table 24

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

	2016								
	October			September			August		
State	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	70.3	25.6	100.0	74.3	25.5	100.0	72.7	24.8
Alaska	100.0	97.7	100.0	100.0	96.9	100.0	100.0	96.8	100.0
Arizona	100.0	78.3	18.5	100.0	79.6	19.8	100.0	79.7	14.5
Arkansas	100.0	25.9	1.4	100.0	28.4	1.5	100.0	27.0	1.4
California	95.0	49.5	4.3	94.8	46.8	3.1	94.4	43.2	3.2
Colorado	100.0	92.5	5.5	100.0	90.9	5.2	100.0	89.4	4.3
Connecticut	95.1	72.7	47.5	95.6	71.8	48.4	95.6	69.5	49.4
Delaware	100.0	22.8	0.2	100.0	23.4	0.2	100.0	24.2	0.2
District of Columbia	68.9	15.5	--	67.7	13.2	--	68.4	14.3	--
Florida	91.7	29.5	3.1	92.6	28.2	3.3	92.7	29.8	3.2
Georgia	100.0	100.0	21.7	100.0	100.0	21.1	100.0	100.0	23.3
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	67.1	2.2	100.0	59.6	2.2	100.0	61.4	2.5
Illinois	87.1	29.0	4.1	86.1	22.2	3.0	86.0	19.4	2.2
Indiana	95.0	63.8	1.5	95.6	56.3	1.0	95.6	50.9	1.0
Iowa	100.0	65.8	4.0	100.0	59.2	2.8	100.0	48.9	2.3
Kansas	100.0	31.0	5.3	100.0	24.6	12.0	100.0	23.9	20.3
Kentucky	97.9	69.4	16.7	97.6	66.8	17.1	97.6	64.8	17.2
Louisiana	100.0	74.0	3.1	100.0	76.4	3.0	100.0	75.8	3.1
Maine	100.0	49.9	6.7	100.0	53.8	5.4	100.0	46.8	5.5
Maryland	73.9	20.9	1.6	73.0	16.5	1.5	71.2	18.0	1.0
Massachusetts	98.6	36.4	22.1	98.7	28.5	22.0	98.6	27.8	20.8
Michigan	93.1	48.8	3.6	93.6	38.7	4.5	92.1	32.7	2.5
Minnesota	100.0	83.4	17.0	100.0	74.5	12.7	100.0	74.1	12.3
Mississippi	100.0	81.0	11.0	100.0	80.3	11.0	100.0	81.3	9.1
Missouri	100.0	61.7	9.6	100.0	61.2	9.3	100.0	60.1	8.6
Montana	99.6	40.6	1.6	99.5	37.1	0.9	99.5	37.5	0.7
Nebraska	88.1	57.2	5.3	88.0	54.3	5.2	90.0	56.0	4.6
Nevada	100.0	50.0	12.0	100.0	48.5	8.9	100.0	47.4	7.2
New Hampshire	100.0	47.2	2.5	100.0	47.2	1.8	100.0	47.4	2.3
New Jersey	94.6	30.5	3.0	94.2	19.4	2.1	94.2	16.5	1.7
New Mexico	100.0	43.3	13.4	100.0	45.8	10.1	100.0	46.1	12.9
New York	100.0	100.0	4.7	100.0	100.0	4.3	100.0	100.0	4.1
North Carolina	100.0	77.7	9.0	100.0	76.4	9.9	100.0	76.3	8.8
North Dakota	100.0	90.7	39.5	100.0	88.8	40.5	100.0	86.1	10.3
Ohio	100.0	100.0	1.1	100.0	100.0	0.9	100.0	100.0	0.9
Oklahoma	100.0	25.6	0.3	100.0	27.6	0.3	100.0	27.0	0.2
Oregon	100.0	94.2	14.0	100.0	92.8	14.0	100.0	92.7	12.9
Pennsylvania	88.1	33.1	0.5	88.1	27.3	0.3	87.8	28.1	0.4
Rhode Island	100.0	54.0	3.5	100.0	54.2	2.7	100.0	55.6	2.3
South Carolina	100.0	90.1	41.5	100.0	89.2	42.2	100.0	90.0	40.3
South Dakota	100.0	76.4	3.1	100.0	72.1	1.9	100.0	69.1	1.9
Tennessee	100.0	80.8	23.5	100.0	79.0	25.0	100.0	77.6	27.3
Texas	99.7	63.9	38.6	99.8	63.6	40.3	99.8	62.4	41.0
Utah	100.0	66.7	4.5	100.0	62.4	5.1	100.0	60.4	4.9
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.6	45.3	10.8	87.6	36.8	8.3	87.3	42.3	7.6
Washington	100.0	85.1	5.4	100.0	81.0	4.9	100.0	78.1	4.5
West Virginia	100.0	39.8	10.8	100.0	30.4	9.9	100.0	27.7	8.4
Wisconsin	100.0	62.0	15.0	100.0	51.8	12.0	100.0	49.5	12.3
Wyoming	77.5	55.3	1.4	72.0	51.3	1.7	75.5	52.7	1.4
Total	**95.9**	**59.9**	**14.4**	**96.0**	**56.2**	**14.6**	**95.8**	**54.7**	**14.6**

R Revised data.

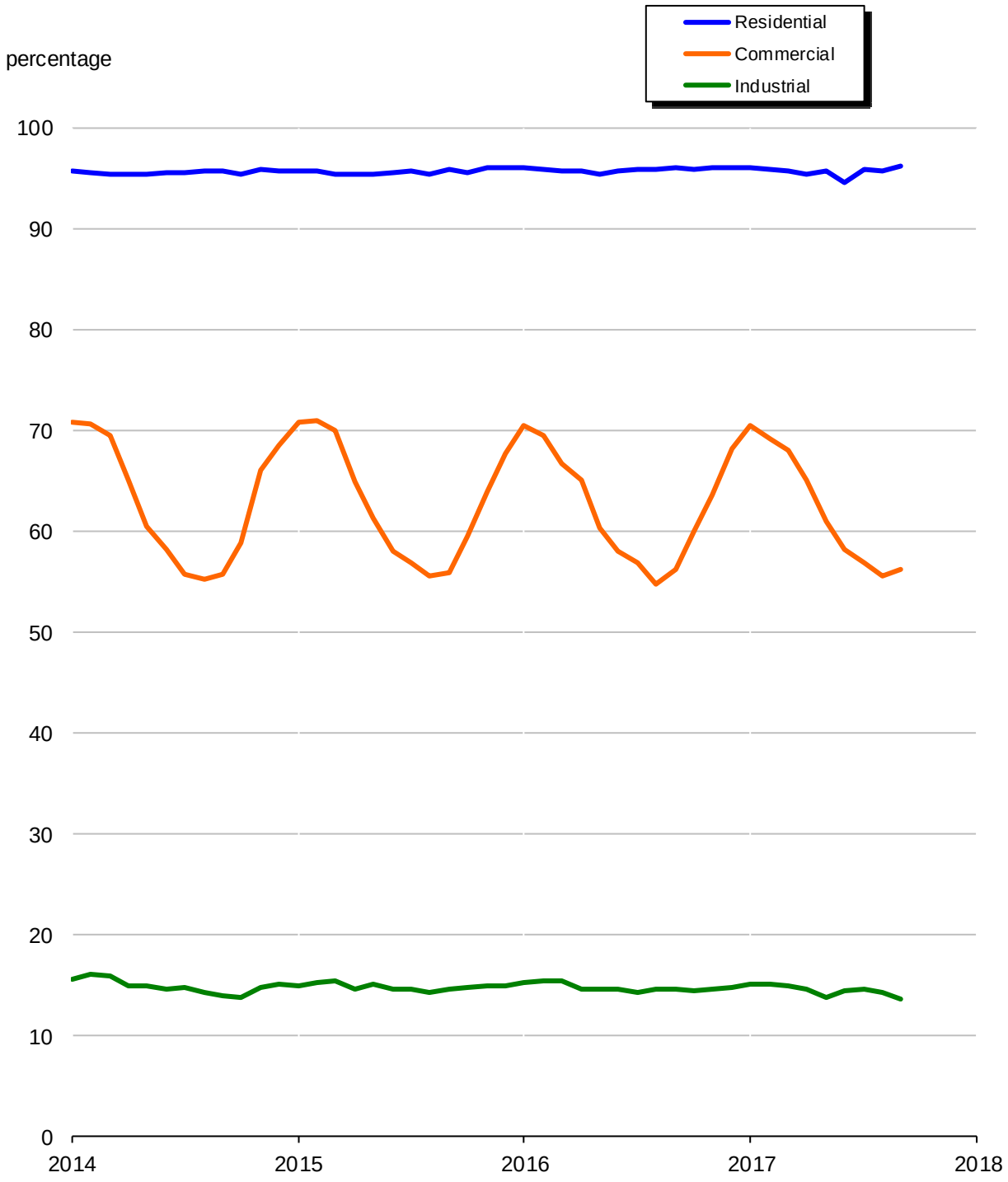
-- Not applicable.

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

Table 25. Heating value of natural gas consumed, by state, 2015-2017

(Btu per cubic foot)

State	2017 9-Month YTD	2016 9-Month YTD	2015 9-Month YTD	September	August	July	June	2017 May
Alabama	1,030	1,029	1,030	1,031	1,030	1,031	1,030	1,031
Alaska	990	1,001	1,001	980	964	974	988	995
Arizona	1,040	1,038	1,038	1,047	1,040	1,039	1,037	1,038
Arkansas	1,025	1,024	1,029	1,020	1,018	1,017	1,019	1,016
California	1,035	1,035	1,034	1,036	1,036	1,037	1,037	1,033
Colorado	1,065	1,062	1,057	1,067	1,074	1,072	1,069	1,065
Connecticut	1,026	1,026	1,027	1,026	1,026	1,026	1,025	1,025
Delaware	1,039	1,042	1,050	1,042	1,040	1,038	1,037	1,037
District of Columbia	1,042	1,043	1,044	1,034	1,034	1,030	1,029	1,034
Florida	1,023	1,022	1,025	1,022	1,025	1,024	1,023	1,024
Georgia	1,032	1,030	1,028	1,032	1,030	1,032	1,032	1,033
Hawaii	973	991	976	978	983	987	987	984
Idaho	1,037	1,033	1,026	1,037	1,034	1,035	1,069	1,044
Illinois	1,030	1,031	1,029	1,027	1,027	1,027	1,027	1,028
Indiana	1,044	1,037	1,036	1,049	1,050	1,049	1,044	1,042
Iowa	1,053	1,054	1,050	1,061	1,059	1,058	1,056	1,057
Kansas	1,038	1,035	1,038	1,037	1,034	1,034	1,033	1,035
Kentucky	1,037	1,031	1,025	1,051	1,042	1,040	1,043	1,028
Louisiana	1,030	1,032	1,033	1,025	1,022	1,022	1,020	1,022
Maine	1,026	1,026	1,026	1,017	1,018	1,017	1,021	1,022
Maryland	1,050	1,052	1,056	1,045	1,047	1,044	1,041	1,046
Massachusetts	1,031	1,030	1,030	1,030	1,031	1,032	1,030	1,030
Michigan	1,042	1,040	1,029	1,043	1,043	1,042	1,042	1,043
Minnesota	1,030	1,041	1,040	1,029	1,027	1,030	1,028	1,034
Mississippi	1,034	1,031	1,032	1,031	1,030	1,035	1,035	1,032
Missouri	1,021	1,024	1,022	1,020	1,021	1,018	1,020	1,021
Montana	1,032	1,029	1,027	1,042	1,048	1,045	1,040	1,026
Nebraska	1,058	1,055	1,056	1,071	1,069	1,070	1,066	1,063
Nevada	1,040	1,042	1,043	1,038	1,039	1,043	1,044	1,035
New Hampshire	1,030	1,029	1,031	1,028	1,028	1,026	1,030	1,029
New Jersey	1,040	1,040	1,046	1,039	1,038	1,036	1,036	1,037
New Mexico	1,043	1,049	1,039	1,046	1,045	1,043	1,040	1,042
New York	1,032	1,031	1,033	1,031	1,031	1,030	1,031	1,031
North Carolina	1,037	1,036	1,033	1,038	1,036	1,037	1,038	1,040
North Dakota	1,052	1,060	1,043	1,100	1,083	1,085	1,085	1,080
Ohio	1,069	1,070	1,065	1,070	1,069	1,067	1,068	1,068
Oklahoma	1,044	1,049	1,047	1,051	1,043	1,043	1,044	1,041
Oregon	1,052	1,040	1,037	1,058	1,067	1,073	1,086	1,079
Pennsylvania	1,039	1,042	1,048	1,039	1,038	1,038	1,038	1,038
Rhode Island	1,030	1,029	1,029	1,030	1,030	1,030	1,030	1,029
South Carolina	1,030	1,030	1,029	1,032	1,030	1,030	1,030	1,032
South Dakota	1,053	1,057	1,050	1,055	1,054	1,054	1,050	1,051
Tennessee	1,027	1,028	1,026	1,026	1,029	1,030	1,032	1,032
Texas	1,030	1,031	1,033	1,034	1,030	1,030	1,028	1,029
Utah	1,042	1,042	1,043	1,041	1,039	1,041	1,041	1,042
Vermont	1,029	1,026	1,026	1,021	1,022	1,020	1,026	1,024
Virginia	1,051	1,054	1,053	1,050	1,051	1,051	1,052	1,051
Washington	1,079	1,078	1,063	1,075	1,083	1,091	1,082	1,077
West Virginia	1,083	1,092	1,084	1,087	1,055	1,092	1,105	1,094
Wisconsin	1,032	1,035	1,038	1,027	1,027	1,026	1,029	1,036
Wyoming	1,064	1,071	1,053	1,050	1,058	1,055	1,053	1,052
Total	**1,036**	**1,037**	**1,036**	**1,036**	**1,035**	**1,035**	**1,035**	**1,035**

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2015-2017

(Btu per cubic foot) – continued

	2017				2016			
State	April	March	February	January	Total	December	November	October
Alabama	1,030	1,028	1,029	1,028	1,029	1,030	1,030	1,031
Alaska	994	996	1,000	1,000	1,001	1,000	1,000	1,001
Arizona	1,038	1,040	1,043	1,042	1,037	1,039	1,034	1,031
Arkansas	1,022	1,017	1,019	1,018	1,019	1,019	1,021	1,018
California	1,033	1,034	1,034	1,036	1,035	1,034	1,032	1,033
Colorado	1,063	1,062	1,060	1,060	1,063	1,059	1,063	1,069
Connecticut	1,025	1,026	1,026	1,026	1,027	1,026	1,026	1,026
Delaware	1,041	1,045	1,045	1,047	1,046	1,047	1,045	1,046
District of Columbia	1,035	1,047	1,049	1,051	1,044	1,045	1,040	1,035
Florida	1,023	1,023	1,025	1,024	1,023	1,025	1,024	1,023
Georgia	1,030	1,029	1,033	1,030	1,030	1,031	1,030	1,032
Hawaii	959	954	972	955	981	954	947	952
Idaho	1,051	1,037	1,036	1,036	1,038	1,033	1,036	1,035
Illinois	1,030	1,030	1,031	1,033	1,031	1,033	1,031	1,029
Indiana	1,036	1,034	1,034	1,038	1,038	1,035	1,046	1,048
Iowa	1,055	1,052	1,052	1,052	1,056	1,056	1,059	1,059
Kansas	1,041	1,037	1,036	1,042	1,034	1,038	1,039	1,037
Kentucky	1,030	1,035	1,035	1,037	1,030	1,026	1,039	1,027
Louisiana	1,023	1,022	1,022	1,023	1,024	1,023	1,022	1,022
Maine	1,026	1,036	1,049	1,037	1,026	1,030	1,018	1,016
Maryland	1,043	1,055	1,056	1,054	1,051	1,050	1,045	1,042
Massachusetts	1,029	1,031	1,031	1,031	1,030	1,030	1,029	1,029
Michigan	1,039	1,042	1,045	1,045	1,041	1,044	1,048	1,047
Minnesota	1,032	1,033	1,028	1,028	1,037	1,033	1,033	1,037
Mississippi	1,032	1,035	1,035	1,034	1,031	1,033	1,037	1,032
Missouri	1,022	1,021	1,022	1,022	1,024	1,024	1,024	1,024
Montana	1,032	1,036	1,034	1,036	1,034	1,035	1,039	1,029
Nebraska	1,061	1,058	1,060	1,057	1,059	1,059	1,063	1,068
Nevada	1,039	1,039	1,040	1,041	1,041	1,041	1,038	1,039
New Hampshire	1,028	1,032	1,036	1,032	1,029	1,031	1,027	1,028
New Jersey	1,038	1,043	1,042	1,043	1,041	1,042	1,040	1,038
New Mexico	1,040	1,042	1,043	1,045	1,046	1,041	1,040	1,039
New York	1,032	1,033	1,033	1,033	1,031	1,033	1,031	1,030
North Carolina	1,045	1,033	1,032	1,033	1,035	1,032	1,034	1,039
North Dakota	1,080	1,078	1,083	1,076	1,083	1,092	1,075	1,072
Ohio	1,069	1,072	1,071	1,071	1,071	1,073	1,071	1,072
Oklahoma	1,042	1,041	1,043	1,046	1,049	1,053	1,050	1,050
Oregon	1,076	1,035	1,035	1,036	1,059	1,038	1,035	1,038
Pennsylvania	1,038	1,040	1,040	1,041	1,041	1,040	1,039	1,040
Rhode Island	1,029	1,029	1,029	1,029	1,029	1,028	1,028	1,030
South Carolina	1,031	1,030	1,031	1,030	1,030	1,031	1,029	1,031
South Dakota	1,049	1,050	1,051	1,055	1,056	1,052	1,052	1,053
Tennessee	1,029	1,028	1,031	1,032	1,030	1,033	1,035	1,028
Texas	1,030	1,026	1,029	1,027	1,030	1,029	1,028	1,030
Utah	1,042	1,043	1,043	1,043	1,042	1,043	1,042	1,041
Vermont	1,025	1,033	1,036	1,034	1,024	1,029	1,022	1,019
Virginia	1,055	1,057	1,052	1,057	1,053	1,054	1,055	1,052
Washington	1,080	1,078	1,075	1,076	1,078	1,080	1,083	1,081
West Virginia	1,103	1,086	1,089	1,084	1,097	1,085	1,083	1,083
Wisconsin	1,034	1,035	1,038	1,041	1,039	1,041	1,033	1,036
Wyoming	1,051	1,055	1,066	1,060	1,074	1,057	1,056	1,050
Total	**1,036**	**1,037**	**1,038**	**1,039**	**1,037**	**1,039**	**1,037**	**1,036**

See footnotes at end of table.

Table 25

Table 25. Heating value of natural gas consumed, by state, 2015-2017

(Btu per cubic foot) – continued

State	2016 September	August	July	June	May	April	March	February
Alabama	1,032	1,031	1,029	1,026	1,028	1,028	1,030	1,025
Alaska	1,002	1,003	1,003	1,003	1,002	1,001	1,001	1,000
Arizona	1,034	1,035	1,031	1,031	1,037	1,042	1,050	1,047
Arkansas	1,020	1,022	1,021	1,020	1,018	1,019	1,017	1,015
California	1,037	1,038	1,035	1,042	1,021	1,035	1,034	1,036
Colorado	1,075	1,074	1,072	1,071	1,066	1,065	1,055	1,052
Connecticut	1,026	1,025	1,025	1,026	1,025	1,026	1,026	1,026
Delaware	1,046	1,043	1,044	1,042	1,042	1,044	1,043	1,050
District of Columbia	1,038	1,038	1,038	1,034	1,035	1,040	1,043	1,049
Florida	1,026	1,026	1,023	1,020	1,021	1,023	1,024	1,025
Georgia	1,032	1,029	1,028	1,027	1,030	1,028	1,030	1,030
Hawaii	945	947	967	1,050	1,018	992	1,003	1,004
Idaho	1,035	1,035	1,028	1,035	1,044	1,056	1,044	1,038
Illinois	1,028	1,030	1,029	1,027	1,032	1,032	1,030	1,031
Indiana	1,042	1,047	1,035	1,042	1,038	1,034	1,032	1,033
Iowa	1,059	1,061	1,057	1,058	1,057	1,053	1,052	1,052
Kansas	1,038	1,039	1,033	1,034	1,032	1,033	1,037	1,036
Kentucky	1,030	1,038	1,033	1,025	1,018	1,026	1,023	1,025
Louisiana	1,026	1,028	1,022	1,023	1,022	1,021	1,022	1,025
Maine	1,019	1,026	1,023	1,023	1,019	1,024	1,030	1,037
Maryland	1,046	1,051	1,052	1,046	1,047	1,048	1,050	1,055
Massachusetts	1,029	1,028	1,028	1,029	1,029	1,029	1,030	1,032
Michigan	1,047	1,052	1,044	1,041	1,038	1,040	1,036	1,038
Minnesota	1,038	1,036	1,034	1,044	1,042	1,041	1,039	1,035
Mississippi	1,034	1,031	1,022	1,030	1,036	1,033	1,039	1,032
Missouri	1,023	1,024	1,022	1,022	1,021	1,024	1,024	1,023
Montana	1,034	1,033	1,028	1,029	1,023	1,023	1,027	1,030
Nebraska	1,069	1,073	1,070	1,064	1,064	1,062	1,048	1,054
Nevada	1,044	1,045	1,044	1,038	1,039	1,042	1,037	1,042
New Hampshire	1,026	1,026	1,026	1,028	1,027	1,029	1,031	1,039
New Jersey	1,038	1,039	1,038	1,037	1,037	1,039	1,042	1,043
New Mexico	1,048	1,055	1,046	1,049	1,052	1,048	1,048	1,048
New York	1,030	1,029	1,029	1,030	1,029	1,033	1,033	1,034
North Carolina	1,037	1,035	1,033	1,034	1,038	1,038	1,037	1,034
North Dakota	1,061	1,090	1,089	1,070	1,091	1,108	1,099	1,095
Ohio	1,068	1,067	1,068	1,069	1,070	1,068	1,070	1,072
Oklahoma	1,053	1,051	1,049	1,046	1,047	1,044	1,048	1,047
Oregon	1,038	1,046	1,045	1,044	1,043	1,038	1,036	1,034
Pennsylvania	1,041	1,039	1,040	1,041	1,042	1,042	1,042	1,045
Rhode Island	1,029	1,028	1,028	1,028	1,029	1,034	1,025	1,027
South Carolina	1,030	1,030	1,029	1,029	1,030	1,031	1,029	1,031
South Dakota	1,056	1,057	1,060	1,058	1,054	1,052	1,053	1,058
Tennessee	1,026	1,025	1,025	1,024	1,031	1,031	1,034	1,035
Texas	1,034	1,035	1,031	1,027	1,029	1,032	1,030	1,028
Utah	1,041	1,042	1,042	1,040	1,041	1,042	1,041	1,043
Vermont	1,016	1,017	1,016	1,025	1,023	1,028	1,030	1,032
Virginia	1,053	1,054	1,054	1,052	1,054	1,052	1,056	1,055
Washington	1,076	1,085	1,085	1,080	1,078	1,078	1,077	1,075
West Virginia	1,103	1,109	1,108	1,118	1,096	1,096	1,096	1,096
Wisconsin	1,029	1,026	1,026	1,033	1,037	1,038	1,038	1,046
Wyoming	1,054	1,058	1,053	1,048	1,053	1,055	1,071	1,052
Total	**1,037**	**1,037**	**1,034**	**1,034**	**1,034**	**1,037**	**1,037**	**1,038**

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 January	2016 Total	December	November	October	September	August	2015 July
Alabama	1,029	1,030	1,029	1,029	1,030	1,030	1,030	1,032
Alaska	1,000	1,001	1,000	1,001	1,001	1,001	1,002	1,002
Arizona	1,046	1,040	1,044	1,041	1,042	1,040	1,038	1,038
Arkansas	1,019	1,020	1,015	1,014	1,029	1,019	1,022	1,023
California	1,038	1,036	1,037	1,037	1,035	1,037	1,037	1,037
Colorado	1,050	1,060	1,051	1,060	1,069	1,076	1,069	1,073
Connecticut	1,026	1,027	1,026	1,027	1,028	1,026	1,026	1,027
Delaware	1,055	1,050	1,049	1,051	1,051	1,043	1,044	1,044
District of Columbia	1,051	1,044	1,044	1,039	1,045	1,035	1,036	1,037
Florida	1,015	1,024	1,023	1,023	1,023	1,024	1,024	1,026
Georgia	1,029	1,027	1,027	1,026	1,028	1,029	1,028	1,030
Hawaii	998	982	997	996	996	989	965	1,011
Idaho	1,034	1,030	1,041	1,035	1,033	1,024	1,028	1,034
Illinois	1,031	1,029	1,030	1,030	1,028	1,028	1,027	1,027
Indiana	1,030	1,027	1,033	1,034	1,039	1,041	1,044	1,043
Iowa	1,053	1,053	1,056	1,057	1,058	1,058	1,059	1,059
Kansas	1,032	1,035	1,031	1,035	1,037	1,039	1,042	1,040
Kentucky	1,027	1,022	1,024	1,021	1,024	1,020	1,015	1,024
Louisiana	1,024	1,025	1,023	1,022	1,023	1,023	1,024	1,028
Maine	1,035	1,027	1,027	1,025	1,026	1,019	1,018	1,020
Maryland	1,061	1,055	1,050	1,049	1,053	1,050	1,049	1,055
Massachusetts	1,031	1,029	1,030	1,029	1,028	1,027	1,028	1,029
Michigan	1,040	1,032	1,040	1,041	1,034	1,036	1,035	1,034
Minnesota	1,043	1,040	1,041	1,045	1,041	1,039	1,041	1,043
Mississippi	1,031	1,030	1,030	1,029	1,028	1,031	1,029	1,030
Missouri	1,024	1,012	1,023	1,024	1,025	1,026	1,026	1,026
Montana	1,033	1,032	1,034	1,034	1,032	1,032	1,033	1,031
Nebraska	1,054	1,057	1,053	1,055	1,060	1,068	1,071	1,068
Nevada	1,043	1,042	1,042	1,043	1,043	1,044	1,043	1,044
New Hampshire	1,035	1,030	1,030	1,029	1,029	1,028	1,028	1,027
New Jersey	1,044	1,045	1,044	1,044	1,041	1,041	1,042	1,043
New Mexico	1,046	1,038	1,046	1,042	1,048	1,040	1,049	1,038
New York	1,033	1,032	1,033	1,032	1,032	1,032	1,031	1,031
North Carolina	1,034	1,035	1,034	1,033	1,040	1,038	1,037	1,038
North Dakota	1,095	1,086	1,112	1,097	1,093	1,078	1,095	1,117
Ohio	1,073	1,068	1,077	1,077	1,071	1,071	1,068	1,069
Oklahoma	1,049	1,047	1,050	1,047	1,049	1,049	1,047	1,050
Oregon	1,033	1,048	1,036	1,035	1,036	1,038	1,039	1,039
Pennsylvania	1,048	1,046	1,046	1,046	1,045	1,044	1,044	1,044
Rhode Island	1,032	1,028	1,028	1,028	1,028	1,028	1,028	1,028
South Carolina	1,031	1,030	1,030	1,030	1,031	1,031	1,029	1,031
South Dakota	1,060	1,054	1,058	1,053	1,053	1,056	1,060	1,062
Tennessee	1,035	1,029	1,034	1,031	1,032	1,025	1,023	1,027
Texas	1,029	1,034	1,030	1,033	1,036	1,036	1,035	1,036
Utah	1,046	1,044	1,046	1,044	1,044	1,042	1,043	1,043
Vermont	1,029	1,025	1,027	1,027	1,030	1,020	1,019	1,022
Virginia	1,055	1,052	1,057	1,051	1,053	1,055	1,054	1,056
Washington	1,070	1,065	1,073	1,069	1,064	1,066	1,065	1,070
West Virginia	1,092	1,097	1,090	1,114	1,090	1,102	1,099	1,099
Wisconsin	1,045	1,042	1,044	1,043	1,045	1,034	1,040	1,036
Wyoming	1,056	1,060	1,054	1,046	1,040	1,041	1,044	1,042
Total	**1,038**	**1,037**	**1,038**	**1,038**	**1,037**	**1,037**	**1,036**	**1,037**

See footnotes at end of table.

Table 25

Table 25. Heating value of natural gas consumed, by state, 2015-2017

(Btu per cubic foot) – continued

State	June	May	April	March	February	January
						2015
Alabama	1,032	1,031	1,032	1,029	1,026	1,028
Alaska	1,002	1,001	1,002	1,001	1,000	1,000
Arizona	1,036	1,038	1,040	1,036	1,038	1,038
Arkansas	1,020	1,022	1,025	1,023	1,023	1,021
California	1,037	1,033	1,034	1,033	1,035	1,034
Colorado	1,070	1,059	1,059	1,051	1,044	1,046
Connecticut	1,027	1,049	1,026	1,029	1,026	1,017
Delaware	1,055	1,055	1,051	1,062	1,061	1,061
District of Columbia	1,040	1,044	1,044	1,046	1,047	1,045
Florida	1,026	1,026	1,024	1,024	1,025	1,024
Georgia	1,031	1,028	1,026	1,025	1,026	1,025
Hawaii	1,005	990	959	947	954	968
Idaho	1,010	1,000	1,023	1,030	1,037	1,047
Illinois	1,027	1,029	1,028	1,029	1,030	1,027
Indiana	1,043	1,037	1,039	1,031	1,029	1,028
Iowa	1,060	1,054	1,051	1,047	1,047	1,045
Kansas	1,039	1,044	1,036	1,035	1,034	1,033
Kentucky	1,021	1,023	1,016	1,015	1,018	1,023
Louisiana	1,027	1,028	1,029	1,029	1,031	1,030
Maine	1,020	1,022	1,025	1,030	1,035	1,033
Maryland	1,057	1,058	1,051	1,058	1,061	1,059
Massachusetts	1,027	1,027	1,029	1,030	1,035	1,035
Michigan	1,033	1,028	1,035	1,030	1,026	1,027
Minnesota	1,047	1,044	1,037	1,033	1,034	1,041
Mississippi	1,030	1,032	1,037	1,031	1,033	1,036
Missouri	1,026	1,024	1,026	1,025	1,020	1,017
Montana	1,030	1,019	1,021	1,028	1,029	1,028
Nebraska	1,063	1,061	1,057	1,053	1,054	1,052
Nevada	1,045	1,043	1,043	1,041	1,040	1,040
New Hampshire	1,028	1,028	1,029	1,033	1,041	1,037
New Jersey	1,043	1,043	1,043	1,050	1,050	1,050
New Mexico	1,039	1,038	1,034	1,034	1,038	1,038
New York	1,032	1,032	1,034	1,034	1,035	1,034
North Carolina	1,033	1,035	1,035	1,030	1,028	1,030
North Dakota	1,089	1,084	1,084	1,072	1,078	1,036
Ohio	1,068	1,072	1,073	1,062	1,062	1,065
Oklahoma	1,049	1,048	1,045	1,044	1,043	1,042
Oregon	1,042	1,039	1,035	1,032	1,031	1,031
Pennsylvania	1,046	1,050	1,049	1,049	1,054	1,053
Rhode Island	1,028	1,028	1,029	1,029	1,029	1,029
South Carolina	1,030	1,030	1,029	1,028	1,028	1,030
South Dakota	1,059	1,054	1,051	1,047	1,048	1,048
Tennessee	1,025	1,025	1,027	1,029	1,029	1,028
Texas	1,036	1,036	1,034	1,029	1,028	1,026
Utah	1,043	1,043	1,049	1,047	1,046	1,039
Vermont	1,021	1,021	1,024	1,027	1,035	1,026
Virginia	1,055	1,055	1,045	1,051	1,053	1,056
Washington	1,069	1,065	1,062	1,060	1,054	1,052
West Virginia	1,096	1,107	1,103	1,069	1,084	1,097
Wisconsin	1,040	1,038	1,039	1,040	1,044	1,042
Wyoming	1,045	1,045	1,043	1,042	1,041	1,043
Total	**1,037**	**1,037**	**1,037**	**1,036**	**1,036**	**1,036**

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 byEIA-857 sample companies and the volume of natural gas transported on behalf of others by EIA-857 sample companies. These ratios are then applied to the reported sales volumes and transportation volumes respectively. This is done in each state by sector for the sampled companies.

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

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

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

or (1)

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

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

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

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

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

Ideally, the ratio $\sum_{i \in s} y_{ij} \Big/ \sum_{i \in s} x_{ij}$ 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:

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

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

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 $\sum_{i \in s} y_{ij} \Big/ \sum_{i \in s} x_{ij}$ 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:

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

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:

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

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:

$$Var(V_{.j}) = \sigma_\epsilon^2 \sum_{i=n+1}^{N} x_{ij} + \left(\sigma_\epsilon^2 \Big/ \sum_{i=1}^{n} x_{ij} \right) \left(\sum_{i=n+1}^{N} x_{ij} \right)^2 \qquad (8)$$

where:

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

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

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

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

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

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

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

N = frame size.

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

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

where:

P_j = natural gas price in sector j,

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

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

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

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

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

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

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, September 2017

State	Volume Relative Standard Error (Percent)				Price (Dollars per Thousand Cubic Feet)		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	3.1	2.1	1.2	1.1	0.38	0.18	0.04
Alaska	0.6	0.9	0.0	0.5	0.01	NA	0.00
Arizona	1.3	5.4	3.1	2.5	0.03	0.07	0.06
Arkansas	8.5	0.7	4.6	3.1	0.26	0.24	0.20
California	2.4	1.6	0.5	0.6	0.64	0.27	0.16
Colorado	0.5	0.8	1.4	0.7	0.05	0.12	0.22
Connecticut	0.2	1.0	0.9	0.6	0.07	0.18	0.02
Delaware	0.0	0.0	0.0	0.0	NA	NA	NA
District of Columbia	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Florida	3.4	2.7	0.6	NA	NA	NA	0.31
Georgia	0.0	0.0	2.4	0.0	0.00	0.07	0.29
Hawaii	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Idaho	1.1	0.4	0.0	0.2	0.01	0.01	0.00
Illinois	NA	0.9	1.6	NA	0.23	0.33	NA
Indiana	1.2	1.2	1.1	1.0	0.43	0.26	0.52
Iowa	2.5	2.6	2.4	2.1	NA	0.25	0.32
Kansas	3.1	4.7	1.9	1.6	0.10	0.10	0.10
Kentucky	3.2	5.0	0.9	1.0	0.30	0.26	0.14
Louisiana	2.3	1.5	1.1	1.0	0.35	0.15	0.09
Maine	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Maryland	0.4	1.6	3.1	NA	0.08	0.12	NA
Massachusetts	1.1	0.8	4.0	1.2	0.13	0.31	0.16
Michigan	0.9	1.0	2.5	1.2	0.10	0.09	0.08
Minnesota	0.9	0.8	0.5	0.4	0.10	0.05	0.09
Mississippi	2.7	2.2	0.9	0.8	0.26	0.15	0.14
Missouri	0.7	0.4	1.2	0.7	0.15	0.16	0.23
Montana	1.3	0.7	0.0	0.3	0.09	0.18	0.15
Nebraska	1.9	1.9	1.0	0.8	0.26	0.27	0.30
Nevada	0.0	0.0	0.2	0.1	0.00	0.00	0.23
New Hampshire	0.0	0.0	5.2	3.1	0.00	0.00	0.00
New Jersey	0.0	0.6	NA	NA	0.00	0.45	0.00
New Mexico	1.4	1.3	4.1	1.7	0.10	0.16	0.29
New York	0.0	0.0	1.3	0.0	0.12	0.03	NA
North Carolina	0.7	0.6	0.5	0.4	0.15	0.05	0.12
North Dakota	2.6	2.1	4.9	3.6	0.14	0.05	0.19
Ohio	0.0	0.0	0.9	0.0	0.04	0.05	0.33
Oklahoma	4.4	1.4	2.2	1.9	0.33	0.73	1.04
Oregon	0.0	0.0	0.6	0.4	0.00	0.00	0.00
Pennsylvania	0.3	0.3	2.6	1.6	0.03	0.08	0.46
Rhode Island	0.0	0.0	0.0	0.0	0.00	0.00	0.00
South Carolina	1.2	2.0	1.2	1.0	0.56	0.13	0.08
South Dakota	5.7	2.2	0.9	0.8	NA	0.13	0.21
Tennessee	0.7	1.2	0.9	0.7	0.22	0.08	0.06
Texas	1.9	1.1	0.4	0.4	0.40	0.13	0.01
Utah	0.2	0.4	0.0	0.1	0.00	0.00	0.01
Vermont	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Virginia	2.1	1.3	1.3	0.9	0.48	NA	0.43
Washington	2.1	0.8	0.7	0.6	0.14	0.10	0.04
West Virginia	2.3	1.3	1.2	0.9	0.24	0.12	0.16
Wisconsin	1.0	1.0	0.8	0.6	0.13	0.05	0.03
Wyoming	0.9	NA	1.1	NA	0.13	0.04	0.03
Total	**0.4**	**0.3**	**0.3**	**0.2**	**0.11**	**0.04**	**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.