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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 the EIA to fulfill its responsibilities for gathering and reporting energy data. Geographic coverage is the 50 States and the District of Columbia.

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

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

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Highlights

This issue of the *Natural Gas Monthly* (NGM) contains state and national-level estimates of natural gas volume and price data through June 2016.

Recent analyses of the natural gas industry are available on the EIA Web Site 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 Web site, 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 web site.

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, 2011-2016

(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]
2011 Total	**28,479**	**24,036**	**1,134**	**22,902**	**60**	**1,963**	**-354**	**-94**	**24,477**
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									
January	2,594	2,209	130	2,079	5	161	991	-17	3,219
February	2,346	2,002	118	1,885	4	107	745	9	2,750
March	2,630	2,246	132	2,114	5	85	363	-1	2,566
April	2,564	2,206	130	2,077	5	79	-224	33	1,969
May	2,642	2,300	135	2,165	5	93	-488	43	1,817
June	2,561	2,235	132	2,104	5	82	-473	37	1,755
July	2,617	2,342	138	2,205	5	74	-409	13	1,887
August	2,628	2,358	139	2,219	5	91	-382	7	1,940
September	2,621	2,297	135	2,162	5	82	-431	*	1,818
October	2,732	2,396	141	2,255	5	106	-409	-37	1,920
November	2,644	2,325	137	2,189	5	107	168	-99	2,369
December	2,767	2,418	142	2,276	5	117	295	-5	2,688
Total	**31,346**	**27,337**	**1,608**	**25,728**	**60**	**1,181**	**-253**	**-18**	**26,698**
2015									
January	E2,763	E2,393	133	E2,260	5	135	725	R4	R3,130
February	E2,507	E2,180	125	E2,055	6	109	742	R36	R2,947
March	E2,814	E2,433	142	E2,291	5	93	193	R27	R2,610
April	E2,736	E2,373	142	E2,230	5	75	-321	R41	R2,030
May	E2,770	E2,427	145	E2,282	5	70	-497	R14	R1,874
June	E2,671	E2,365	141	E2,224	R3	68	-362	-18	R1,916
July	E2,761	E2,454	146	E2,308	4	73	-283	-14	2,088
August	E2,760	E2,468	148	E2,320	4	69	-309	R-10	R2,074
September	E2,744	E2,401	144	E2,257	5	46	-372	-18	1,919
October	E2,811	E2,449	153	E2,297	5	68	-331	R-35	2,004
November	E2,738	E2,371	149	E2,222	6	63	12	R-38	2,265
December	E2,818	E2,437	151	E2,286	6	66	264	-20	R2,601
Total	**E32,895**	**E28,752**	**1,718**	**E27,034**	**R59**	**935**	**-538**	**R-31**	**R27,458**
2016									
January	E2,819	E2,444	148	E2,296	5	104	728	-4	3,130
February	E2,668	E2,323	140	E2,183	5	88	403	6	2,686
March	E2,823	E2,451	157	E2,294	5	45	59	R-29	2,374
April	E2,682	E2,360	151	E2,208	5	65	-164	R-3	R2,110
May	RE2,768	RE2,421	160	RE2,261	5	71	-327	R-20	R1,989
June	E2,634	E2,324	156	E2,167	2	68	-224	12	2,026
2016 6-Month YTD	**E16,395**	**E14,323**	**913**	**E13,410**	**28**	**441**	**475**	**-39**	**14,315**
2015 6-Month YTD	**E16,262**	**E14,171**	**828**	**E13,343**	**29**	**550**	**480**	**105**	**14,507**
2014 6-Month YTD	**15,337**	**13,200**	**776**	**12,423**	**29**	**605**	**915**	**104**	**14,076**

[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 2011 through 2014 include underground storage and liquefied natural gas storage. Data for January 2015 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): 27 for 2014; 54 for 2013; 57 for 2012; and 37 for 2011. 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.

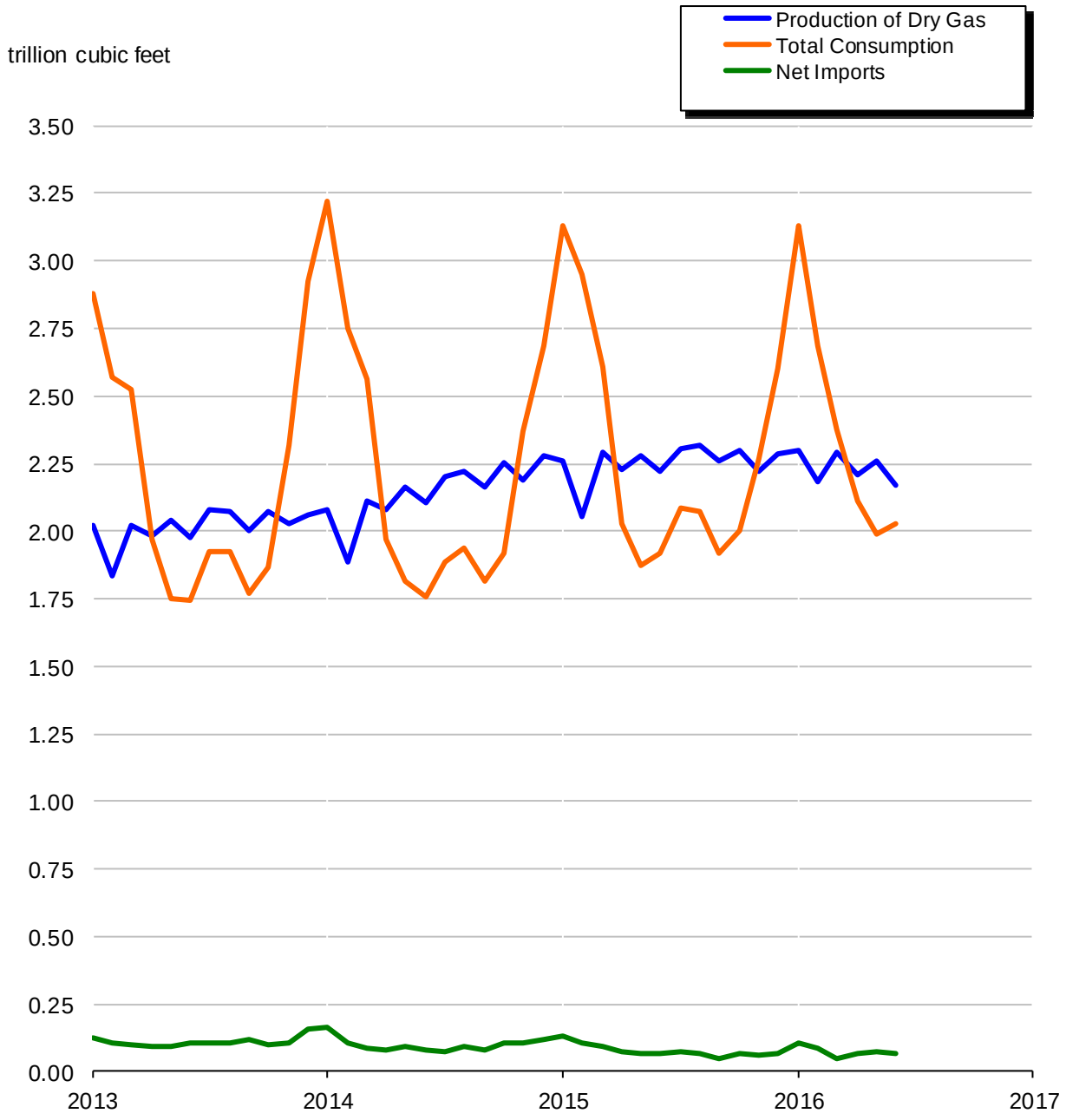
* Balancing item is between 500,000 and -500,000 cubic feet.

Notes: Data for 2011 through 2013 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: 2011-2014: Energy Information Administration (EIA), *Natural Gas Annual 2014*. January 2015 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, 2013-2016



Sources: 2012-2014: Energy Information Administration (EIA), *Natural Gas Annual 2014*. January 2015 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, 2011-2016

(billion cubic feet, or as indicated)

Year and Month	Lease and Plant Fuel[a]	Pipeline and Distribution Use[b]	Delivered to Consumers						Total Consumption	Heating Value[c] (Btu per cubic foot)
			Residential	Commercial	Industrial	Electric Power	Vehicle Fuel	Total		
2011 Total	**1,323**	**688**	**4,714**	**3,155**	**6,994**	**7,574**	**30**	**22,467**	**24,477**	**1,022**
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										
January	121	103	1,037	572	720	663	3	2,995	3,219	1,029
February	110	88	853	490	657	549	3	2,552	2,750	1,028
March	123	81	700	421	679	559	3	2,361	2,566	1,029
April	121	61	356	251	626	550	3	1,786	1,969	1,029
May	126	56	203	177	604	648	3	1,635	1,817	1,030
June	123	54	126	141	584	724	3	1,578	1,755	1,030
July	129	58	113	138	603	844	3	1,701	1,887	1,032
August	129	60	105	137	607	899	3	1,751	1,940	1,033
September	126	56	122	149	589	773	3	1,636	1,818	1,033
October	131	59	212	202	608	704	3	1,729	1,920	1,033
November	128	74	544	362	658	601	3	2,167	2,369	1,034
December	133	85	717	427	688	636	3	2,471	2,688	1,035
Total	**1,500**	**836**	**5,087**	**3,467**	**7,624**	**8,149**	**35**	**24,362**	**26,698**	**1,030**
2015										
January	E131	E98	936	532	R715	714	E3	R2,900	R3,130	1,036
February	120	E92	905	520	R657	651	E3	R2,735	R2,947	1,036
March	134	E82	634	387	R662	709	E3	R2,395	R2,610	1,036
April	130	E64	324	235	R606	668	E3	R1,836	R2,030	1,037
May	133	E59	180	162	R599	739	E3	R1,682	R1,874	1,037
June	130	E60	124	135	R571	893	E3	1,727	R1,916	1,037
July	135	E65	108	133	590	1,054	E3	1,888	2,088	1,037
August	135	E65	103	137	597	1,035	E3	1,874	R2,074	1,036
September	132	E60	108	139	R575	902	E3	1,727	1,919	1,037
October	134	E63	201	193	R611	798	E3	1,807	2,004	1,037
November	130	E71	404	283	636	737	E3	2,064	2,265	1,038
December	134	E81	590	352	R669	771	E3	2,386	R2,601	1,038
Total	**E1,578**	**E860**	**4,616**	**3,209**	**R7,489**	**9,671**	**E34**	**R25,020**	**R27,458**	**1,037**
2016										
January	E134	E98	889	506	723	777	E3	R2,897	3,130	1,038
February	E127	E84	698	417	R665	692	E3	2,475	2,686	1,038
March	E135	E74	456	298	667	740	E3	2,165	2,374	1,037
April	E129	E66	330	234	621	726	E3	1,914	R2,110	1,037
May	E133	E62	R195	171	R618	807	E3	R1,794	R1,989	1,034
June	E128	E63	123	139	593	977	E3	1,835	2,026	1,034
2016 6-Month YTD	**E786**	**E448**	**2,692**	**1,764**	**3,886**	**4,718**	**E19**	**13,080**	**14,315**	**1,037**
2015 6-Month YTD	**E778**	**E454**	**3,102**	**1,971**	**3,811**	**4,375**	**E17**	**13,275**	**14,507**	**1,036**
2014 6-Month YTD	**724**	**443**	**3,275**	**2,052**	**3,871**	**3,693**	**17**	**12,908**	**14,076**	**1,029**

[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.

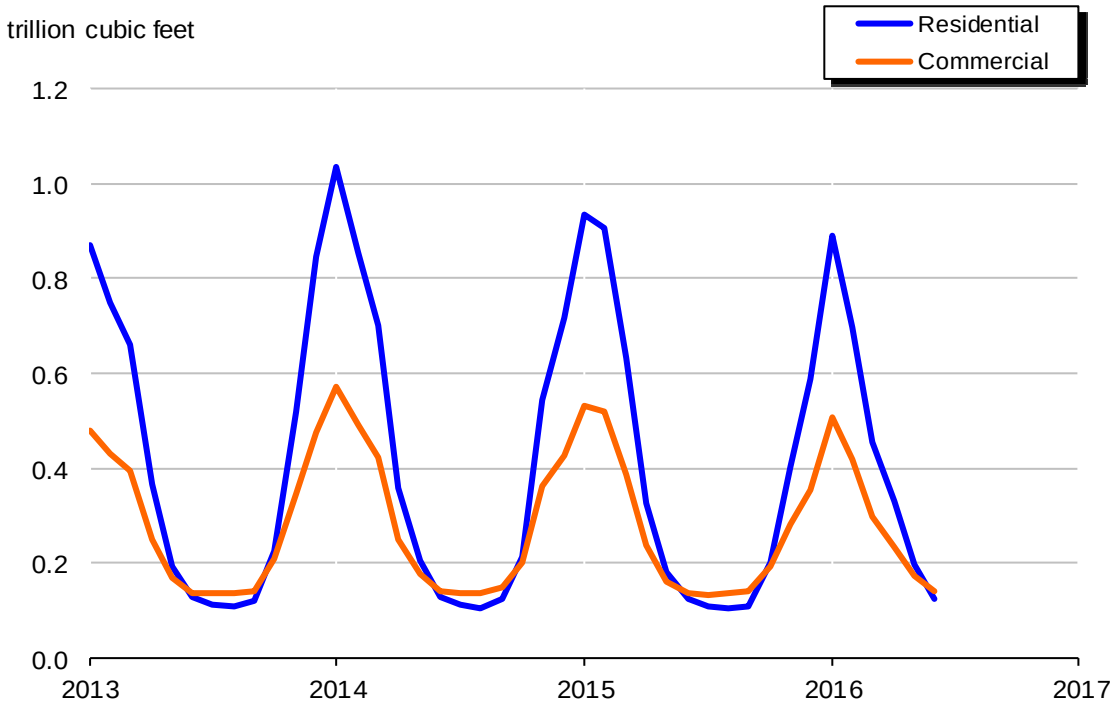
E Estimated data.

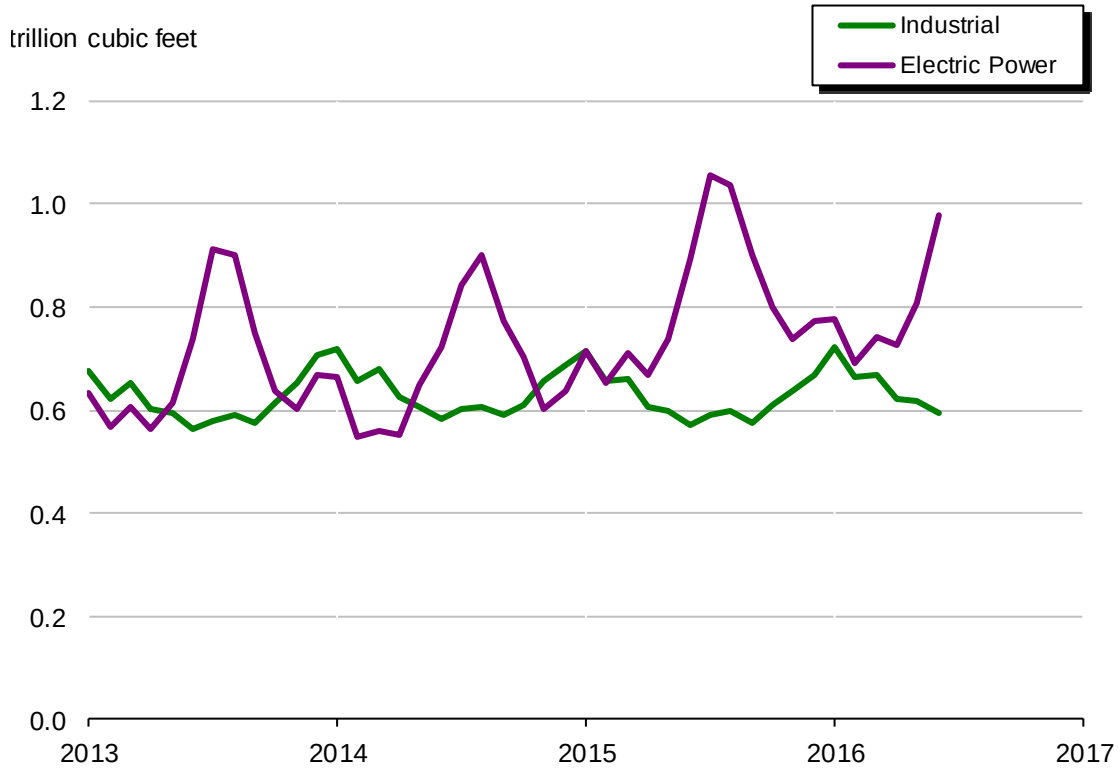
Notes: Data for 2011 through 2013 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Note 6, for definition of sectors.

Sources: 2011-2014: Energy Information Administration (EIA): Form EIA-895, "*Monthly Quantity and Value of Natural Gas Report*"; Form EIA-857, "*Monthly Report of Natural Gas Purchases and Deliveries to Consumers*"; EIA computations; and *Natural Gas Annual 2014*. January 2015 through current month: Form EIA-914, "*Monthly Natural Gas Production Report*"; Form EIA-857; and 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, 2013-2016





Sources: 2012-2014: 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 2014*. January 2015 through current month: Form EIA-857 and Form EIA-923.

Table 3. Selected national average natural gas prices, 2011-2016

(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]
2011 Annual Average	**15.12**	**4.00**	**5.63**	**11.03**	**96.2**	**8.91**	**67.3**	**5.13**	**16.3**	**4.89**
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										
January	11.61	4.71	5.56	9.26	95.7	8.11	70.7	5.62	16.6	7.47
February	11.94	6.00	6.41	9.77	95.5	8.69	70.6	6.58	17.1	7.79
March	10.03	4.90	6.57	10.70	95.4	9.34	69.4	6.39	16.9	6.28
April	10.26	4.66	5.64	11.76	95.3	9.49	65.1	5.78	16.0	5.25
May	10.02	4.58	5.90	13.60	95.4	9.70	60.5	5.69	15.8	5.08
June	10.17	4.59	6.05	16.13	95.5	9.94	58.1	5.42	15.6	4.98
July	9.94	4.05	5.99	17.23	95.5	10.05	55.7	5.36	15.7	4.58
August	9.69	3.91	5.49	17.41	95.6	9.66	55.2	4.90	15.4	4.25
September	9.86	3.92	5.51	16.27	95.6	9.38	55.7	4.96	14.9	4.34
October	8.75	3.78	5.16	13.11	95.3	8.96	58.8	4.97	14.8	4.23
November	7.84	4.12	4.91	10.19	95.8	8.29	66.1	4.97	15.7	4.68
December	5.63	3.48	5.15	10.01	95.6	8.52	68.4	5.54	15.9	4.50
Annual Average	**9.56**	**4.37**	**5.71**	**10.97**	**95.5**	**8.90**	**65.8**	**5.55**	**15.9**	**5.19**
2015										
January	5.08	2.99	4.48	9.50	95.8	8.15	71.0	4.87	14.9	4.29
February	5.70	2.87	4.56	9.10	95.7	7.84	71.1	4.70	15.3	4.99
March	5.52	2.83	R4.34	9.28	95.5	7.79	70.3	4.45	15.4	3.71
April	5.58	2.61	R3.93	10.42	95.5	7.99	64.9	3.96	R14.6	3.23
May	5.25	2.85	4.24	12.61	95.5	8.04	61.5	3.55	15.2	3.28
June	4.78	2.78	4.43	15.07	95.5	8.50	57.9	3.76	14.4	3.24
July	4.73	2.84	4.65	16.21	95.7	8.45	57.1	3.73	14.3	3.23
August	4.42	2.77	4.58	16.80	95.5	8.45	55.1	3.79	14.0	3.22
September	4.89	2.66	4.53	16.37	95.9	R8.38	R55.9	3.65	14.3	3.19
October	4.95	2.34	4.00	12.59	95.5	7.74	60.3	3.53	14.4	3.03
November	4.72	2.09	R3.68	10.06	96.0	7.38	63.8	3.28	14.6	2.78
December	4.23	1.93	R3.76	9.29	96.1	7.21	67.7	3.48	14.7	2.71
Annual Average	**4.97**	**2.62**	**4.26**	**10.38**	**95.7**	**7.89**	**65.9**	**3.92**	**14.7**	**3.37**
2016										
January	3.69	2.28	3.39	8.30	96.0	6.74	70.4	3.58	R15.2	3.16
February	3.89	1.99	3.48	8.39	95.9	6.82	69.4	3.63	15.0	2.83
March	4.48	1.73	3.48	9.23	95.6	7.05	66.8	3.05	14.9	2.33
April	4.65	1.92	R3.20	9.66	95.6	6.94	65.1	3.00	14.2	2.52
May	5.11	1.92	R3.42	R11.64	R95.4	7.34	R60.3	2.91	R14.3	2.50
June	5.25	2.59	3.91	14.49	95.7	7.70	57.8	2.89	14.3	2.77
2016 6-Month YTD	**4.53**	**2.07**	**3.44**	**9.22**	**95.8**	**6.97**	**66.7**	**3.20**	**14.7**	**2.69**
2015 6-Month YTD	**5.32**	**2.82**	**4.40**	**9.87**	**95.6**	**7.98**	**68.3**	**4.25**	**15.0**	**3.75**
2014 6-Month YTD	**10.63**	**4.89**	**6.04**	**10.56**	**95.5**	**8.93**	**67.9**	**5.94**	**16.4**	**6.10**

[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.

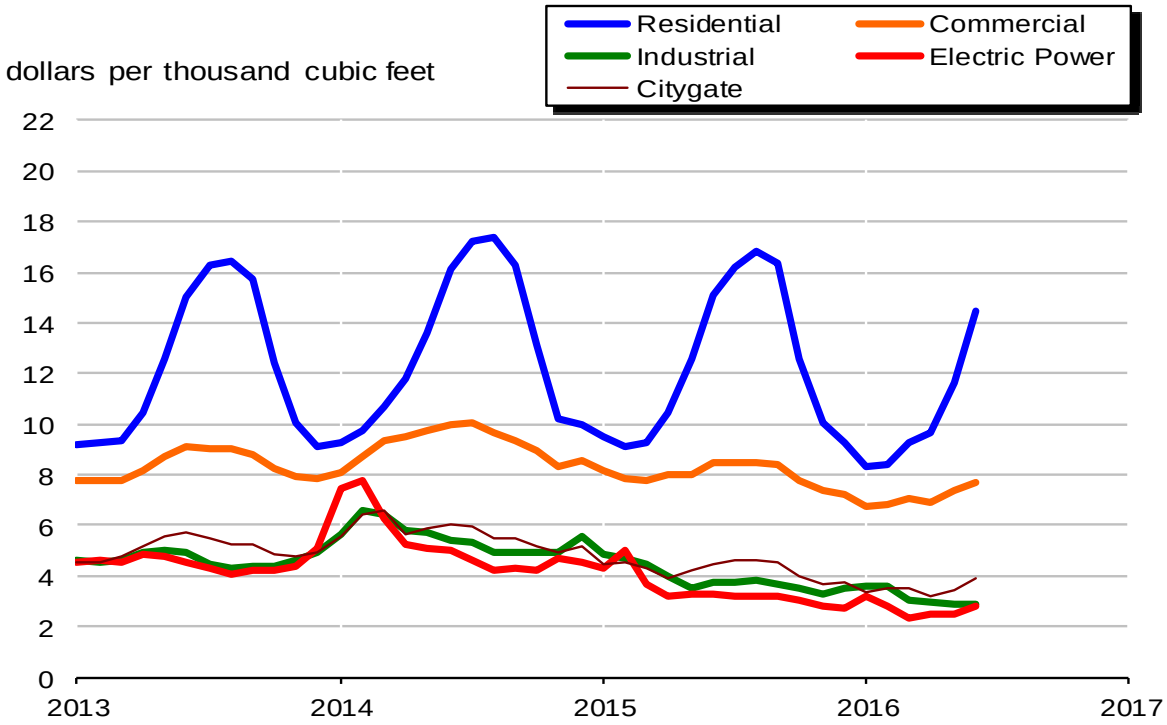
[d] The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Data include nonregulated members of the electric power sector.

[R] Revised data.

Notes: Prices are in nominal dollars. Data for 2011 through 2013 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: 2011-2014: Energy Information Administration (EIA), *Natural Gas Annual 2014*. January 2015 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.

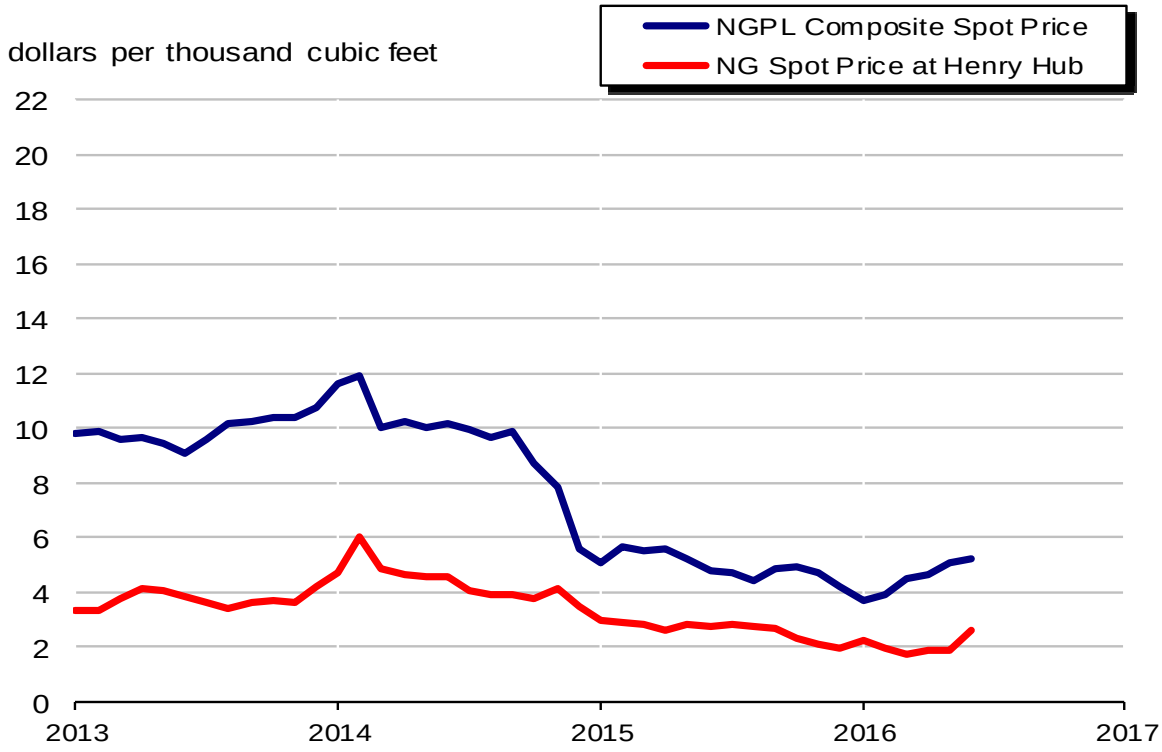
Figure 3. Average citygate and consumer prices of natural gas in the United States, 2013-2016



Note: Prices are in nominal dollars.

Sources: 2012-2014: Energy Information Administration (EIA), *Natural Gas Annual 2014*. January 2015 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, 2013-2016



Note: Prices are in nominal dollars.

Sources: 2012-2014: Energy Information Administration (EIA), *Natural Gas Annual 2014*. January 2015 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, 2014-2016

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

	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	2016 June	May	April	March
Imports							
Volume (million cubic feet)							
Pipeline							
Canada[a]	1,445,548	1,360,352	1,352,350	233,420	243,017	235,818	231,341
Mexico	427	468	769	85	R73	71	69
Total Pipeline Imports	**1,445,974**	**1,360,820**	**1,353,119**	**233,506**	**R243,090**	**235,888**	**231,410**
LNG							
By Truck							
Canada	583	160	41	118	113	74	65
By Vessel							
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	47,366	38,056	22,794	7,520	5,087	4,693	8,503
Yemen	0	7,441	5,135	0	0	0	0
Other	0	0	2,703	0	0	0	0
Total LNG Imports	**47,949**	**45,657**	**30,673**	**7,638**	**5,200**	**4,767**	**8,568**
CNG							
Canada	167	165	155	19	29	28	33
Total Imports	**1,494,091**	**1,406,642**	**1,383,947**	**241,162**	**R248,319**	**240,684**	**240,010**
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	1.81	3.29	6.43	1.76	1.44	1.51	1.54
Mexico	1.19	1.87	3.79	1.43	R1.12	1.03	0.82
Total Pipeline Imports	**1.81**	**3.29**	**6.43**	**1.76**	**1.44**	**1.51**	**1.54**
LNG							
By Truck							
Canada	8.12	9.27	9.55	7.80	7.72	7.88	8.74
By Vessel							
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	4.16	8.88	10.16	3.11	3.36	3.23	3.25
Yemen	--	9.10	5.95	--	--	--	--
Other	--	--	12.95	--	--	--	--
Total LNG Imports	**4.21**	**8.92**	**9.70**	**3.18**	**3.45**	**3.30**	**3.29**
CNG							
Canada	2.28	5.87	18.12	0.63	1.10	1.05	1.54
Total Imports	**2.02**	**3.76**	**6.72**	**1.91**	**1.55**	**1.61**	**1.72**
Net Imports - Volume	**441,438**	**550,417**	**605,186**	**68,160**	**R70,976**	**64,588**	**45,089**

See footnotes at end of table.

Table 4

Table 4. U.S. natural gas imports, 2014-2016

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

	2016						2015
	February	January	Total	December	November	October	September
Imports							
Volume (million cubic feet)							
Pipeline							
Canada[a]	241,243	260,709	2,625,359	221,550	210,632	217,493	203,066
Mexico	70	59	933	64	72	83	83
Total Pipeline Imports	**241,313**	**260,768**	**2,626,291**	**221,613**	**210,704**	**217,576**	**203,150**
LNG							
By Truck							
Canada	116	97	437	59	45	43	45
By Vessel							
Norway	0	0	12,194	3,105	3,097	5,992	0
Trinidad/Tobago	9,612	11,951	71,439	2,453	4,373	2,653	5,609
Yemen	0	0	7,441	0	0	0	0
Other	0	0	0	0	0	0	0
Total LNG Imports	**9,728**	**12,048**	**91,511**	**5,618**	**7,515**	**8,689**	**5,654**
CNG							
Canada	29	30	291	26	23	21	15
Total Imports	**251,070**	**272,846**	**2,718,094**	**227,257**	**218,242**	**226,286**	**208,818**
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.12	2.42	2.84	2.13	2.19	2.37	2.49
Mexico	1.22	1.50	1.71	1.22	1.08	1.55	1.65
Total Pipeline Imports	**2.12**	**2.42**	**2.84**	**2.13**	**2.19**	**2.37**	**2.49**
LNG							
By Truck							
Canada	8.58	8.21	8.69	8.12	8.21	8.40	8.36
By Vessel							
Norway	--	--	8.56	2.31	2.13	15.12	--
Trinidad/Tobago	5.08	5.45	6.98	6.08	5.63	6.25	6.02
Yemen	--	--	9.10	--	--	--	--
Other	--	--	--	--	--	--	--
Total LNG Imports	**5.12**	**5.48**	**7.37**	**4.02**	**4.20**	**12.38**	**6.03**
CNG							
Canada	3.27	5.41	4.18	3.78	3.02	1.99	1.14
Total Imports	**2.43**	**2.80**	**2.99**	**2.28**	**2.40**	**3.23**	**2.75**
Net Imports - Volume	**88,307**	**104,317**	**934,581**	**65,503**	**62,503**	**67,768**	**46,245**

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2014-2016

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

	2015						
	August	**July**	**June**	**May**	**April**	**March**	**February**
Imports							
Volume (million cubic feet)							
Pipeline							
Canada[a]	202,567	209,698	203,583	202,545	202,133	242,508	241,917
Mexico	82	80	73	78	76	77	79
Total Pipeline Imports	**202,649**	**209,779**	**203,656**	**202,623**	**202,209**	**242,585**	**241,996**
LNG							
By Truck							
Canada	44	41	41	34	39	46	0
By Vessel							
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	11,161	7,133	2,557	1,673	2,844	11,770	9,830
Yemen	0	0	0	0	0	2,834	2,373
Other	0	0	0	0	0	0	0
Total LNG Imports	**11,205**	**7,173**	**2,598**	**1,707**	**2,883**	**14,651**	**12,202**
CNG							
Canada	21	21	19	19	28	38	32
Total Imports	**213,875**	**216,973**	**206,273**	**204,348**	**205,120**	**257,274**	**254,230**
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.51	2.44	2.43	2.44	2.39	3.16	4.82
Mexico	1.84	1.83	1.88	1.58	1.64	1.93	1.93
Total Pipeline Imports	**2.51**	**2.44**	**2.43**	**2.44**	**2.39**	**3.16**	**4.82**
LNG							
By Truck							
Canada	8.76	8.43	9.03	8.95	9.50	9.51	--
By Vessel							
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	3.43	4.51	6.24	5.98	8.29	8.26	9.06
Yemen	--	--	--	--	--	7.42	9.41
Other	--	--	--	--	--	--	--
Total LNG Imports	**3.45**	**4.53**	**6.29**	**6.04**	**8.31**	**8.10**	**9.13**
CNG							
Canada	0.52	0.45	0.79	0.88	2.02	8.55	9.12
Total Imports	**2.74**	**2.66**	**2.56**	**2.52**	**2.59**	**3.90**	**5.46**
Net Imports - Volume	**68,991**	**73,153**	**68,093**	**70,074**	**74,792**	**93,307**	**109,275**

See footnotes at end of table.

Table 4

Table 4. U.S. natural gas imports, 2014-2016

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

	2015						2014
	January	Total	December	November	October	September	August
Imports							
Volume (million cubic feet)							
Pipeline							
Canada[a]	267,666	2,634,375	245,603	227,362	213,743	195,743	204,845
Mexico	85	1,426	91	95	115	113	124
Total Pipeline Imports	**267,751**	**2,635,801**	**245,694**	**227,457**	**213,858**	**195,856**	**204,968**
LNG							
By Truck							
Canada	0	132	28	0	63	0	0
By Vessel							
Norway	0	5,616	2,995	0	2,621	0	0
Trinidad/Tobago	9,382	42,818	4,988	0	4,289	2,874	1,567
Yemen	2,234	8,006	0	0	0	2,871	0
Other	0	2,703	0	0	0	0	0
Total LNG Imports	**11,616**	**59,275**	**8,011**	**0**	**6,973**	**5,745**	**1,567**
CNG							
Canada	30	303	32	28	27	22	19
Total Imports	**279,397**	**2,695,378**	**253,736**	**227,485**	**220,858**	**201,622**	**206,554**
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	4.01	5.22	4.10	3.97	3.69	3.85	3.80
Mexico	2.24	3.45	3.30	2.74	3.02	3.00	2.84
Total Pipeline Imports	**4.01**	**5.21**	**4.10**	**3.97**	**3.69**	**3.85**	**3.80**
LNG							
By Truck							
Canada	--	10.00	9.10	--	10.69	--	--
By Vessel							
Norway	--	4.47	4.62	--	4.30	--	--
Trinidad/Tobago	10.90	9.71	9.14	--	4.74	11.71	6.56
Yemen	10.88	5.88	--	--	--	5.75	--
Other	--	12.95	--	--	--	--	--
Total LNG Imports	**10.90**	**8.85**	**7.45**	**--**	**4.63**	**8.73**	**6.56**
CNG							
Canada	8.91	12.37	12.43	4.18	1.96	4.76	6.95
Total Imports	**4.75**	**5.30**	**4.44**	**3.97**	**3.87**	**4.24**	**3.87**
Net Imports - Volume	**134,875**	**1,181,137**	**116,754**	**106,623**	**105,789**	**81,731**	**91,178**

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2014-2016

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

							2014
	July	June	May	April	March	February	January
Imports							
Volume (million cubic feet)							
Pipeline							
Canada[a]	194,729	191,701	203,713	197,519	231,333	241,434	286,650
Mexico	121	127	128	114	125	137	137
Total Pipeline Imports	**194,850**	**191,829**	**203,841**	**197,634**	**231,458**	**241,571**	**286,787**
LNG							
By Truck							
Canada	0	0	0	0	0	41	0
By Vessel							
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	6,305	7,097	0	3,006	2,701	3,783	6,207
Yemen	0	0	2,806	0	0	0	2,329
Other	0	2,703	0	0	0	0	0
Total LNG Imports	**6,305**	**9,800**	**2,806**	**3,006**	**2,701**	**3,824**	**8,536**
CNG							
Canada	20	26	9	29	30	27	33
Total Imports	**201,176**	**201,655**	**206,657**	**200,669**	**234,189**	**245,422**	**295,356**
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	4.16	4.52	4.50	4.66	8.02	8.91	6.94
Mexico	3.41	3.61	3.77	3.58	3.79	4.55	3.41
Total Pipeline Imports	**4.16**	**4.52**	**4.50**	**4.66**	**8.02**	**8.91**	**6.94**
LNG							
By Truck							
Canada	--	--	--	--	--	9.55	--
By Vessel							
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	11.80	9.54	--	17.34	8.47	11.01	7.59
Yemen	--	--	5.99	--	--	--	5.90
Other	--	12.95	--	--	--	--	--
Total LNG Imports	**11.80**	**10.48**	**5.99**	**17.34**	**8.47**	**10.99**	**7.13**
CNG							
Canada	6.44	9.03	6.95	8.91	17.17	34.22	24.14
Total Imports	**4.77**	**5.32**	**4.60**	**5.11**	**8.12**	**9.11**	**7.15**
Net Imports - Volume	**73,875**	**81,791**	**92,552**	**78,741**	**84,681**	**106,873**	**160,549**

[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.

[R] Revised data.

-- 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.

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

Table 5

Table 5. U.S. natural gas exports, 2014-2016

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

	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	June	May	April	2016 March
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	390,129	382,676	427,625	50,715	62,768	63,422	81,403
Mexico	612,661	462,243	346,283	105,842	R104,701	102,610	103,419
Total Pipeline Exports	**1,002,790**	**844,919**	**773,907**	**156,557**	**R167,469**	**166,031**	**184,822**
LNG							
Exports							
By Vessel							
Argentina	14,471	0	0	8,161	0	6,310	0
Barbados	11	0	0	2	1	3	2
Brazil	5,263	0	0	0	0	0	3,270
Chile	10,873	0	0	4,643	6,230	0	0
India	6,461	0	0	3,617	0	0	2,844
Japan	0	0	1,886	0	0	0	0
Kuwait	3,610	0	0	0	3,610	0	0
Portugal	3,700	0	0	0	0	3,700	0
Taiwan	0	5,503	0	0	0	0	0
United Arab Emirates	3,391	0	0	0	0	0	3,391
By Truck							
Canada	2	34	57	0	0	0	0
Mexico	150	100	94	22	33	23	24
Re-Exports							
By Vessel							
Brazil	1,290	5,533	2,664	0	0	0	0
Egypt	0	0	0	0	0	0	0
India	547	0	0	0	0	0	547
Turkey	0	0	0	0	0	0	0
Total LNG Exports	**49,769**	**11,170**	**4,701**	**16,445**	**9,874**	**10,036**	**10,078**
CNG							
Canada	95	136	153	0	0	28	21
Total CNG Exports	**95**	**136**	**153**	**0**	**0**	**28**	**21**
Total Exports	**1,052,654**	**856,225**	**778,762**	**173,002**	**R177,343**	**176,096**	**194,921**
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.21	3.52	7.61	2.23	1.98	2.07	1.99
Mexico	2.19	3.00	5.07	2.50	2.08	2.03	1.88
Total Pipeline Exports	**2.20**	**3.24**	**6.47**	**2.41**	**2.04**	**2.05**	**1.93**
LNG							
Exports							
By Vessel							
Argentina	4.47	--	--	4.71	--	4.16	--
Barbados	11.04	--	--	10.00	10.00	10.00	15.19
Brazil	3.72	--	--	--	--	--	3.83
Chile	4.70	--	--	4.69	4.72	--	--
India	4.42	--	--	4.77	--	--	3.98
Japan	--	--	15.81	--	--	--	--
Kuwait	3.27	--	--	--	3.27	--	--
Portugal	3.58	--	--	--	--	3.58	--
Taiwan	--	7.65	--	--	--	--	--
United Arab Emirates	4.18	--	--	--	--	--	4.18
By Truck							
Canada	7.41	12.44	14.76	--	--	--	--
Mexico	9.71	10.45	13.05	9.43	9.67	8.99	8.96
Re-Exports							
By Vessel							
Brazil	3.54	15.19	15.51	--	--	--	--
Egypt	--	--	--	--	--	--	--
India	3.98	--	--	--	--	--	3.98
Turkey	--	--	--	--	--	--	--
Total LNG Exports	**4.25**	**11.43**	**15.57**	**4.72**	**4.21**	**3.96**	**4.01**
CNG							
Canada	3.29	6.59	14.46	--	--	2.58	3.05
Total CNG Exports	**3.29**	**6.59**	**14.46**	**--**	**--**	**2.58**	**3.05**
Total Exports	**2.29**	**3.34**	**6.53**	**2.63**	**2.16**	**2.16**	**2.04**

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2014-2016

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

	2016						2015
	February	January	Total	December	November	October	September
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	62,192	69,629	700,647	58,603	61,260	57,430	59,695
Mexico	97,240	98,850	1,054,271	99,952	91,490	98,314	100,111
Total Pipeline Exports	**159,431**	**168,479**	**1,754,918**	**158,555**	**152,750**	**155,744**	**159,806**
LNG							
Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Barbados	2	0	0	0	0	0	0
Brazil	1,993	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0
Japan	0	0	8,262	0	0	2,755	0
Kuwait	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0
Taiwan	0	0	8,257	0	0	0	2,755
United Arab Emirates	0	0	0	0	0	0	0
By Truck							
Canada	0	2	41	0	1	0	2
Mexico	24	25	195	27	21	14	11
Re-Exports							
By Vessel							
Brazil	1,290	0	5,533	0	0	0	0
Egypt	0	0	2,947	0	2,947	0	0
India	0	0	0	0	0	0	0
Turkey	0	0	3,145	3,145	0	0	0
Total LNG Exports	**3,309**	**26**	**28,381**	**3,172**	**2,969**	**2,769**	**2,767**
CNG							
Canada	22	25	214	27	20	4	0
Total CNG Exports	**22**	**25**	**214**	**27**	**20**	**4**	**0**
Total Exports	**162,762**	**168,530**	**1,783,512**	**161,754**	**155,739**	**158,517**	**162,573**
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.35	2.66	3.15	2.30	2.50	2.76	2.97
Mexico	2.20	2.45	2.81	2.30	2.26	2.61	2.77
Total Pipeline Exports	**2.26**	**2.54**	**2.95**	**2.30**	**2.36**	**2.66**	**2.84**
LNG							
Exports							
By Vessel							
Argentina	--	--	--	--	--	--	--
Barbados	10.00	--	--	--	--	--	--
Brazil	3.54	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--
Japan	--	--	7.50	--	--	6.51	--
Kuwait	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--
Taiwan	--	--	7.49	--	--	--	7.16
United Arab Emirates	--	--	--	--	--	--	--
By Truck							
Canada	--	7.41	12.36	--	6.81	--	10.18
Mexico	10.16	10.96	10.44	10.90	10.59	10.48	9.81
Re-Exports							
By Vessel							
Brazil	3.54	--	15.19	--	--	--	--
Egypt	--	--	16.71	--	16.71	--	--
India	--	--	--	--	--	--	--
Turkey	--	--	15.99	15.99	--	--	--
Total LNG Exports	**3.59**	**10.74**	**10.92**	**15.95**	**16.67**	**6.53**	**7.17**
CNG							
Canada	2.41	5.09	5.73	5.46	4.80	3.42	--
Total CNG Exports	**2.41**	**5.09**	**5.73**	**5.46**	**4.80**	**3.42**	**--**
Total Exports	**2.28**	**2.54**	**3.07**	**2.57**	**2.63**	**2.73**	**2.92**

See footnotes at end of table.

Table 5

Table 5. U.S. natural gas exports, 2014-2016

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

	2015						
	August	July	June	May	April	March	February
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	40,986	39,995	44,658	44,672	53,086	89,639	77,594
Mexico	101,131	101,031	90,724	86,805	77,196	74,286	64,596
Total Pipeline Exports	**142,117**	**141,027**	**135,382**	**131,477**	**130,283**	**163,925**	**142,190**
LNG							
Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Barbados	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0
Japan	2,753	2,753	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0
Taiwan	0	0	2,754	2,748	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
By Truck							
Canada	0	5	6	6	7	6	4
Mexico	10	13	14	15	18	17	16
Re-Exports							
By Vessel							
Brazil	0	0	0	0	0	0	2,728
Egypt	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
Total LNG Exports	**2,763**	**2,771**	**2,774**	**2,769**	**24**	**23**	**2,748**
CNG							
Canada	5	23	23	28	21	20	17
Total CNG Exports	**5**	**23**	**23**	**28**	**21**	**20**	**17**
Total Exports	**144,885**	**143,820**	**138,179**	**134,274**	**130,328**	**163,967**	**144,955**
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.97	2.84	2.85	2.85	2.91	3.71	4.39
Mexico	3.00	3.01	2.94	2.86	2.77	3.03	3.10
Total Pipeline Exports	**2.99**	**2.96**	**2.91**	**2.85**	**2.83**	**3.40**	**3.81**
LNG							
Exports							
By Vessel							
Argentina	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--
Japan	7.90	8.08	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--
Taiwan	--	--	7.80	7.50	--	--	--
United Arab Emirates	--	--	--	--	--	--	--
By Truck							
Canada	--	13.39	12.01	12.14	11.88	12.77	12.77
Mexico	9.94	9.96	10.01	9.96	10.03	10.52	10.62
Re-Exports							
By Vessel							
Brazil	--	--	--	--	--	--	12.89
Egypt	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--
Total LNG Exports	**7.91**	**8.10**	**7.82**	**7.53**	**10.53**	**11.10**	**12.87**
CNG							
Canada	2.08	2.91	2.44	2.37	3.35	10.08	10.53
Total CNG Exports	**2.08**	**2.91**	**2.44**	**2.37**	**3.35**	**10.08**	**10.53**
Total Exports	**3.09**	**3.06**	**3.01**	**2.95**	**2.83**	**3.41**	**3.98**

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2014-2016

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

	2015						2014
	January	Total	December	November	October	September	August
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	73,028	769,258	73,331	62,327	51,838	52,153	46,888
Mexico	68,635	728,513	63,601	58,487	60,318	64,834	65,624
Total Pipeline Exports	**141,663**	**1,497,771**	**136,932**	**120,814**	**112,156**	**116,987**	**112,513**
LNG							
Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Barbados	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0
Japan	0	13,310	0	0	2,884	2,886	2,846
Kuwait	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0
Taiwan	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
By Truck							
Canada	6	99	8	7	7	6	7
Mexico	21	181	20	20	13	12	10
Re-Exports							
By Vessel							
Brazil	2,805	2,664	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
Total LNG Exports	**2,832**	**16,255**	**28**	**27**	**2,904**	**2,904**	**2,863**
CNG							
Canada	27	217	22	20	9	0	0
Total CNG Exports	**27**	**217**	**22**	**20**	**9**	**0**	**0**
Total Exports	**144,522**	**1,514,242**	**136,982**	**120,861**	**115,069**	**119,891**	**115,376**
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	3.63	6.10	4.28	4.64	3.96	3.98	3.94
Mexico	3.38	4.65	4.19	4.23	4.20	4.25	4.19
Total Pipeline Exports	**3.51**	**5.40**	**4.24**	**4.44**	**4.09**	**4.13**	**4.09**
LNG							
Exports							
By Vessel							
Argentina	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--
Japan	--	15.74	--	--	15.12	15.76	16.03
Kuwait	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--
Taiwan	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--
By Truck							
Canada	13.27	14.48	14.55	13.70	13.83	14.48	13.76
Mexico	11.27	12.50	13.08	11.65	11.44	11.47	11.24
Re-Exports							
By Vessel							
Brazil	17.44	15.51	--	--	--	--	--
Egypt	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--
Total LNG Exports	**17.39**	**15.66**	**13.50**	**12.17**	**15.10**	**15.74**	**16.01**
CNG							
Canada	11.89	12.40	14.30	3.47	3.47	--	--
Total CNG Exports	**11.89**	**12.40**	**14.30**	**3.47**	**3.47**	**--**	**--**
Total Exports	**3.78**	**5.51**	**4.25**	**4.44**	**4.37**	**4.41**	**4.38**

See footnotes at end of table.

Table 5

Table 5. U.S. natural gas exports, 2014-2016

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

							2014
	July	June	May	April	March	February	January
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	55,096	54,581	49,976	65,157	91,436	84,535	81,939
Mexico	69,366	65,247	62,199	56,719	58,019	51,291	52,807
Total Pipeline Exports	**124,462**	**119,828**	**112,175**	**121,877**	**149,455**	**135,827**	**134,746**
LNG							
Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Barbados	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0
Japan	2,809	0	1,886	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0
Taiwan	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
By Truck							
Canada	7	7	9	9	11	12	8
Mexico	11	10	12	16	17	18	21
Re-Exports							
By Vessel							
Brazil	0	0	0	0	0	2,664	0
Egypt	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
Total LNG Exports	**2,827**	**17**	**1,907**	**25**	**28**	**2,694**	**29**
CNG							
Canada	12	19	22	26	25	29	32
Total CNG Exports	**12**	**19**	**22**	**26**	**25**	**29**	**32**
Total Exports	**127,301**	**119,864**	**114,105**	**121,928**	**149,508**	**138,550**	**134,807**
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	4.37	4.81	4.78	5.04	10.13	11.42	6.49
Mexico	4.57	4.81	4.86	4.81	5.16	6.16	4.76
Total Pipeline Exports	**4.48**	**4.81**	**4.82**	**4.93**	**8.20**	**9.44**	**5.81**
LNG							
Exports							
By Vessel							
Argentina	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--
Japan	16.03	--	15.81	--	--	--	--
Kuwait	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--
Taiwan	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--
By Truck							
Canada	14.28	13.44	14.58	14.45	15.24	15.24	15.01
Mexico	11.85	12.00	12.59	12.51	13.69	13.67	13.17
Re-Exports							
By Vessel							
Brazil	--	--	--	--	--	15.51	--
Egypt	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--
Total LNG Exports	**16.01**	**12.58**	**15.78**	**13.23**	**14.31**	**15.49**	**13.70**
CNG							
Canada	4.27	5.19	4.79	6.37	14.75	27.07	21.76
Total CNG Exports	**4.27**	**5.19**	**4.79**	**6.37**	**14.75**	**27.07**	**21.76**
Total Exports	**4.74**	**4.81**	**5.01**	**4.93**	**8.20**	**9.56**	**5.82**

[R] Revised data.

-- Not applicable.

Notes: In the case of missing import or export reports on Form FE-746R, "*Import and Export of Natural Gas*," EIA estimates the missing volumes using pipeline flows or other available information. LNG re-exports are shipments of LNG to foreign countries that were previously imported, offloaded into above-ground LNG storage tanks, and then subsequently reloaded onto tankers for delivery to other countries. Prices are in nominal dollars.

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

Table 6. Gross withdrawals of natural gas in selected states and the Federal Gulf of Mexico, 2011-2016

(million cubic feet)

Year and Month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
2011 Total	**3,162,922**	**1,076,757**	**279,130**	**1,649,306**	**309,952**	**3,040,523**	**79,506**	**1,287,682**	**157,025**	**78,858**
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										
January	306,355	94,869	21,265	135,988	23,817	173,556	5,076	104,218	31,461	28,788
February	270,279	86,784	19,031	122,304	20,981	157,145	4,540	95,113	29,761	26,002
March	298,988	96,520	20,575	138,075	23,772	173,556	5,045	107,339	33,785	28,788
April	277,210	93,375	20,167	135,629	23,365	168,254	4,922	104,423	34,186	34,679
May	262,449	96,739	20,429	140,841	24,351	175,295	5,491	105,310	37,058	35,835
June	252,462	92,022	20,506	134,601	23,522	167,860	5,169	104,186	37,627	34,679
July	195,169	95,474	21,794	136,877	24,535	167,322	5,002	108,420	40,128	49,992
August	190,335	95,326	21,958	142,481	24,726	165,658	5,012	109,962	41,789	49,992
September	259,857	92,098	21,130	134,588	24,183	160,606	4,970	104,462	42,555	48,380
October	271,472	94,406	22,055	142,018	25,041	166,387	4,959	107,578	44,575	61,202
November	282,350	92,488	21,557	130,248	23,944	153,468	4,634	105,898	42,962	59,227
December	301,640	93,578	22,253	137,740	23,841	158,522	5,111	108,670	47,044	61,202
Total	**3,168,566**	**1,123,678**	**252,718**	**1,631,390**	**286,080**	**1,987,630**	**59,930**	**1,265,579**	**462,929**	**518,767**
2015										
January	291,772	E91,710	E18,830	E140,307	E25,985	E164,588	E4,919	E103,308	E45,804	E64,049
February	254,492	E79,498	E16,782	E128,545	E23,264	E149,445	E4,468	E98,290	E41,581	E60,157
March	299,987	E90,420	E18,716	E141,766	E26,116	E168,278	E4,876	E109,373	E47,333	E69,570
April	284,700	E87,712	E18,060	E136,232	E24,831	E161,941	E4,909	E107,584	E46,172	E70,792
May	261,377	E89,202	E18,725	E140,185	E25,365	E162,931	E4,994	E111,615	E50,219	E77,865
June	223,020	E84,409	E17,881	E136,442	E24,458	E154,206	E4,784	E107,359	E49,171	E84,693
July	221,340	E85,763	E19,225	E139,822	E24,842	E159,456	E4,941	E109,430	E51,167	E88,406
August	204,073	E83,954	E19,655	E143,397	E24,864	E166,570	E4,756	E112,061	E50,537	E87,904
September	261,150	E81,546	E18,928	E138,325	E23,819	E164,270	E4,573	E109,134	E47,895	E89,371
October	279,434	E83,309	E18,868	E144,845	E23,559	E166,973	E4,827	E112,013	E50,958	E104,127
November	289,770	E79,289	E18,261	E139,733	E22,451	E161,374	E4,562	E107,683	E49,659	E104,731
December	304,048	E80,509	E18,749	E142,189	E22,896	E161,692	E4,608	E102,059	E51,265	E113,185
Total	**3,175,163**	**E1,017,319**	**E222,680**	**E1,671,787**	**E292,450**	**E1,941,727**	**E57,218**	**E1,289,908**	**E581,761**	**E1,014,848**
2016										
January	298,809	E77,842	E18,737	E143,629	E22,543	E158,907	E4,521	E100,031	E50,146	E112,423
February	273,296	E71,967	E17,100	E134,325	E20,866	E153,090	E4,233	E99,889	E47,912	E116,401
March	295,244	E74,543	E18,166	E143,636	E22,110	E152,390	E4,426	E109,105	E51,852	E120,760
April	246,120	RE70,831	RE17,618	RE139,949	RE21,173	RE154,885	RE4,275	RE106,844	RE47,507	RE118,944
May	269,204	RE71,769	RE18,096	RE144,615	RE21,644	RE157,114	RE4,454	RE108,761	RE49,979	RE121,569
June	233,790	E67,293	E17,265	E136,544	E20,545	E151,252	E4,280	E106,440	E48,555	E115,202
2016 6-Month YTD	**1,616,463**	**E434,244**	**E106,983**	**E842,699**	**E128,882**	**E927,639**	**E26,189**	**E631,070**	**E295,951**	**E705,299**
2015 6-Month YTD	**1,615,348**	**E522,950**	**E108,995**	**E823,477**	**E150,020**	**E961,391**	**E28,951**	**E637,528**	**E280,280**	**E427,125**
2014 6-Month YTD	**1,667,742**	**560,309**	**121,972**	**807,438**	**139,809**	**1,015,667**	**30,243**	**620,590**	**203,876**	**188,771**

See footnotes at end of table.

Table 6

Table 6. Gross withdrawals of natural gas in selected states and the Federal Gulf of Mexico, 2011-2016
(million cubic feet) – continued

Year and Month	Oklahoma	Pennsylvania	Texas	Utah	West Virginia	Wyoming	Other States	Federal Gulf of Mexico	U.S. Total
2011 Total	**1,888,870**	**1,310,592**	**7,934,689**	**461,507**	**394,125**	**2,375,301**	**1,161,365**	**1,830,913**	**28,479,026**
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									
January	186,124	344,614	698,622	38,650	72,247	171,207	54,427	102,289	2,593,572
February	165,116	311,264	632,819	35,388	69,800	154,945	49,532	95,583	2,346,387
March	190,588	344,614	716,748	39,365	79,741	172,128	54,594	105,386	2,629,607
April	188,040	333,497	710,993	38,628	76,914	162,657	50,484	106,317	2,563,743
May	196,571	344,614	741,111	39,422	81,747	168,459	54,815	111,402	2,641,938
June	190,710	333,497	721,469	38,189	81,340	164,165	51,949	107,474	2,561,425
July	197,222	371,081	742,693	38,989	90,243	168,531	53,857	109,897	2,617,227
August	199,330	371,081	748,881	38,367	93,188	164,707	53,828	110,901	2,627,523
September	195,150	359,110	718,440	36,656	94,323	165,345	52,292	106,593	2,620,737
October	202,957	371,081	746,108	37,132	99,180	171,621	53,609	110,787	2,732,167
November	196,620	359,110	722,850	35,772	95,703	164,793	51,091	101,564	2,644,277
December	201,686	371,081	762,600	36,648	105,823	169,108	53,374	107,021	2,766,943
Total	**2,310,114**	**4,214,643**	**8,663,333**	**453,207**	**1,040,250**	**1,997,666**	**633,853**	**1,275,213**	**31,345,546**
2015									
January	E206,817	E403,366	E731,831	E37,635	E110,332	E160,743	E50,382	E110,535	E2,762,913
February	E186,741	E366,314	E673,092	E35,449	E98,200	E146,273	E46,120	E98,417	E2,507,126
March	E216,067	E408,929	E746,691	E39,560	E113,381	E164,686	E48,777	E99,298	E2,813,823
April	E209,983	E387,909	E726,293	E37,987	E110,279	E161,611	E46,553	E112,708	E2,736,257
May	E214,639	E385,252	E743,980	E38,572	E120,138	E160,713	E48,322	E116,245	E2,770,337
June	E211,079	E372,179	E731,065	E36,706	E113,604	E158,798	E49,835	E111,473	E2,671,162
July	E217,883	E398,737	E752,341	E35,984	E115,055	E162,661	E52,422	E121,847	E2,761,320
August	E213,529	E408,325	E754,086	E33,029	E114,871	E161,754	E52,053	E124,795	E2,760,214
September	E204,298	E396,931	E731,049	E30,933	E111,932	E156,621	E51,181	E122,038	E2,743,993
October	E209,342	E404,431	E739,603	E31,404	E108,711	E160,580	E51,756	E116,075	E2,810,817
November	E201,517	E406,585	E713,058	E30,910	E96,829	E156,403	E49,472	E106,086	E2,738,374
December	E207,703	E429,892	E720,290	E34,255	E105,489	E157,896	E49,484	E112,137	E2,818,347
Total	**E2,499,599**	**E4,768,848**	**E8,763,381**	**E422,423**	**E1,318,822**	**E1,908,739**	**E596,357**	**E1,351,655**	**E32,894,683**
2016									
January	E214,000	E447,447	E707,527	E34,199	E114,272	E155,930	E49,405	E108,752	E2,819,121
February	E201,258	E430,800	E664,972	E31,283	E108,093	E145,478	E46,250	E101,117	E2,668,329
March	E214,561	E452,601	E702,555	E33,192	E112,282	E156,116	E48,597	E111,315	E2,823,451
April	RE203,524	RE429,503	RE680,919	RE31,720	RE110,827	RE148,710	RE46,840	RE101,883	RE2,682,073
May	RE211,217	RE441,514	RE696,269	RE31,806	RE114,410	RE148,672	RE48,310	RE108,634	RE2,768,037
June	E201,673	E434,346	E671,978	E29,945	E103,175	E145,311	E45,986	E100,402	E2,633,983
2016 6-Month YTD	**E1,246,234**	**E2,636,211**	**E4,124,220**	**E192,145**	**E663,059**	**E900,218**	**E285,387**	**E632,103**	**E16,394,995**
2015 6-Month YTD	**E1,245,326**	**E2,323,948**	**E4,352,951**	**E225,908**	**E665,934**	**E952,824**	**E289,989**	**E648,676**	**E16,261,619**
2014 6-Month YTD	**1,117,149**	**2,012,099**	**4,221,761**	**229,643**	**461,790**	**993,561**	**315,801**	**628,450**	**15,336,672**

E Estimated data.

RE Revised estimated data.

Notes: For 2014, monthly volumes are available only for those states/areas that were collected individually on the EIA-914 Survey (Louisiana, New Mexico, Oklahoma, Texas, Wyoming, and the Federal Offshore Gulf of Mexico) and Alaska. Starting in 2015, 10 states (Arkansas, California, Colorado, Kansas, Montana, North Dakota, Ohio, Pennsylvania, Utah, and West Virginia) were added to the EIA-914 data collection and are reported individually. The remaining states/areas (Alabama, Arizona, Federal Offshore Pacific, Florida, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) are grouped in the "Other States" category. 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: 2011-2014: Energy Information Administration (EIA), *Natural Gas Annual 2014*, and Bureau of Safety and Environmental Enforcement (BSEE) reports. January 2015 through current month: Form EIA-914, "*Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report*," and its predecessor, "*Monthly Natural Gas Production Report*"; BSEE reports; PointLogic Energy; Ventyx; BENTEK Energy; industry reports; and EIA computations.

Table 7. Marketed production of natural gas in selected states and the Federal Gulf of Mexico, 2011-2016

(million cubic feet)

Year and Month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
2011 Total	**356,225**	**1,072,212**	**250,177**	**1,637,576**	**309,124**	**3,029,206**	**74,624**	**1,237,303**	**97,102**	**78,858**
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										
January	31,083	94,869	21,265	135,988	23,817	173,029	5,076	97,483	19,586	28,788
February	28,096	86,784	19,031	122,304	20,981	156,685	4,540	88,834	18,650	26,002
March	30,019	96,520	20,575	138,075	23,772	172,996	5,045	100,373	21,956	28,788
April	28,991	93,375	20,167	135,629	23,365	167,701	4,922	97,603	23,519	34,679
May	28,783	96,739	20,429	140,841	24,351	174,748	5,491	98,032	26,148	35,835
June	27,050	92,022	20,506	134,601	23,522	167,660	5,169	97,651	26,284	34,679
July	25,966	95,474	21,794	136,877	24,535	166,320	5,002	101,569	28,992	49,992
August	25,904	95,326	21,958	142,481	24,726	164,210	5,012	102,838	29,690	49,992
September	28,504	92,098	21,130	134,588	24,183	159,604	4,970	97,661	31,275	48,380
October	29,889	94,406	22,055	142,018	25,041	166,081	4,959	99,310	33,925	61,202
November	29,439	92,488	21,557	130,248	23,944	153,174	4,634	98,457	31,448	59,227
December	31,606	93,578	22,253	137,740	23,841	158,079	5,111	100,997	35,065	61,202
Total	**345,331**	**1,123,678**	**252,718**	**1,631,390**	**286,080**	**1,980,287**	**59,930**	**1,180,808**	**326,537**	**518,767**
2015										
January	31,268	E91,710	E18,830	E140,307	E25,985	E163,798	E4,919	E99,878	E36,249	E64,049
February	27,510	E79,498	E16,782	E128,545	E23,264	E148,728	E4,468	E95,026	E32,907	E60,157
March	30,523	E90,420	E18,716	E141,766	E26,116	E167,471	E4,876	E105,742	E37,459	E69,570
April	29,759	E87,712	E18,060	E136,232	E24,831	E161,164	E4,909	E104,012	E36,541	E70,792
May	29,124	E89,202	E18,725	E140,185	E25,365	E162,149	E4,994	E107,909	E39,743	E77,865
June	26,000	E84,409	E17,881	E136,442	E24,458	E153,466	E4,784	E103,795	E38,914	E84,693
July	26,682	E85,763	E19,225	E139,822	E24,842	E158,691	E4,941	E105,797	E40,494	E88,406
August	25,176	E83,954	E19,655	E143,397	E24,864	E165,771	E4,756	E108,340	E39,995	E87,904
September	27,600	E81,546	E18,928	E138,325	E23,819	E163,482	E4,573	E105,510	E37,904	E89,371
October	29,182	E83,309	E18,868	E144,845	E23,559	E166,172	E4,827	E108,294	E40,328	E104,127
November	29,665	E79,289	E18,261	E139,733	E22,451	E160,600	E4,562	E104,108	E39,300	E104,731
December	30,941	E80,509	E18,749	E142,189	E22,896	E160,916	E4,608	E98,671	E40,571	E113,185
Total	**343,430**	**E1,017,319**	**E222,680**	**E1,671,787**	**E292,450**	**E1,932,407**	**E57,218**	**E1,247,083**	**E460,406**	**E1,014,848**
2016										
January	30,686	E77,842	E18,737	E143,629	E22,543	E158,144	E4,521	E96,710	E39,686	E112,423
February	28,434	E71,967	E17,100	E134,325	E20,866	E152,355	E4,233	E96,573	E37,918	E116,401
March	29,893	E74,543	E18,166	E143,636	E22,110	E151,659	E4,426	E105,482	E41,036	E120,760
April	26,259	RE70,831	RE17,618	RE139,949	RE21,173	RE154,141	RE4,275	RE103,297	RE37,597	RE118,944
May	27,071	RE71,769	RE18,096	RE144,615	RE21,644	RE156,360	RE4,454	RE105,150	RE39,553	RE121,569
June	24,871	E67,293	E17,265	E136,544	E20,545	E150,526	E4,280	E102,906	E38,426	E115,202
2016 6-Month YTD	**167,214**	**E434,244**	**E106,983**	**E842,699**	**E128,882**	**E923,186**	**E26,189**	**E610,118**	**E234,216**	**E705,299**
2015 6-Month YTD	**174,184**	**E522,950**	**E108,995**	**E823,477**	**E150,020**	**E956,776**	**E28,951**	**E616,362**	**E221,813**	**E427,125**
2014 6-Month YTD	**174,023**	**560,309**	**121,972**	**807,438**	**139,809**	**1,012,819**	**30,243**	**579,976**	**136,142**	**188,771**

See footnotes at end of table.

Table 7

Table 7. Marketed production of natural gas in selected states and the Federal Gulf of Mexico, 2011-2016
(million cubic feet) – continued

Year and Month	Oklahoma	Pennsylvania	Texas	Utah	West Virginia	Wyoming	Other States	Federal Gulf of Mexico	U.S. Total
2011 Total	**1,888,870**	**1,310,592**	**7,112,863**	**457,525**	**394,125**	**2,159,422**	**758,219**	**1,812,328**	**24,036,352**
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									
January	186,124	344,614	628,628	38,650	72,247	154,924	52,587	100,452	2,209,210
February	165,116	311,264	568,415	35,388	69,800	138,862	47,813	93,774	2,002,339
March	190,588	344,614	643,131	39,365	79,741	154,523	52,667	103,420	2,246,167
April	188,040	333,497	640,032	38,628	76,914	146,128	48,605	104,596	2,206,393
May	196,571	344,614	672,480	39,422	81,747	151,143	53,069	109,516	2,299,959
June	190,710	333,497	659,045	38,189	81,340	147,156	50,481	105,900	2,235,460
July	197,222	371,081	677,194	38,989	90,243	150,749	52,088	108,321	2,342,409
August	199,330	371,081	684,948	38,367	93,188	147,940	51,988	109,226	2,358,206
September	195,150	359,110	666,487	36,656	94,323	147,236	50,513	105,039	2,296,906
October	202,957	371,081	691,123	37,132	99,180	154,478	51,987	109,222	2,396,045
November	196,620	359,110	697,106	35,772	95,703	146,798	49,527	100,101	2,325,354
December	201,686	371,081	724,754	36,648	105,823	151,298	51,638	105,795	2,418,195
Total	**2,310,114**	**4,214,643**	**7,953,343**	**453,207**	**1,040,250**	**1,791,235**	**612,963**	**1,255,362**	**27,336,644**
2015									
January	E206,817	E403,366	E657,404	E37,635	E110,332	E143,302	E48,754	E108,877	E2,393,481
February	E186,741	E366,314	E604,638	E35,449	E98,200	E130,403	E44,630	E96,940	E2,180,200
March	E216,067	E408,929	E670,753	E39,560	E113,381	E146,817	E47,201	E97,809	E2,433,175
April	E209,983	E387,909	E652,429	E37,987	E110,279	E144,076	E45,050	E111,017	E2,372,743
May	E214,639	E385,252	E668,317	E38,572	E120,138	E143,276	E46,761	E114,502	E2,426,717
June	E211,079	E372,179	E656,716	E36,706	E113,604	E141,569	E48,225	E109,801	E2,364,720
July	E217,883	E398,737	E675,828	E35,984	E115,055	E145,012	E50,729	E120,019	E2,453,907
August	E213,529	E408,325	E677,396	E33,029	E114,871	E144,203	E50,372	E122,924	E2,468,460
September	E204,298	E396,931	E656,702	E30,933	E111,932	E139,627	E49,527	E120,208	E2,401,215
October	E209,342	E404,431	E664,386	E31,404	E108,711	E143,157	E50,084	E114,334	E2,449,362
November	E201,517	E406,585	E640,540	E30,910	E96,829	E139,433	E47,874	E104,494	E2,370,884
December	E207,703	E429,892	E647,037	E34,255	E105,489	E140,765	E47,886	E110,455	E2,436,716
Total	**E2,499,599**	**E4,768,848**	**E7,872,145**	**E422,423**	**E1,318,822**	**E1,701,641**	**E577,095**	**E1,331,380**	**E28,751,579**
2016									
January	E214,000	E447,447	E635,571	E34,199	E114,272	E139,012	E47,809	E107,121	E2,444,353
February	E201,258	E430,800	E597,344	E31,283	E108,093	E129,693	E44,756	E99,600	E2,322,999
March	E214,561	E452,601	E631,105	E33,192	E112,282	E139,178	E47,027	E109,645	E2,451,302
April	RE203,524	RE429,503	RE611,669	RE31,720	RE110,827	RE132,575	RE45,327	RE100,355	RE2,359,586
May	RE211,217	RE441,514	RE625,459	RE31,806	RE114,410	RE132,542	RE46,749	RE107,005	RE2,420,982
June	E201,673	E434,346	E603,638	E29,945	E103,175	E129,545	E44,500	E98,896	E2,323,578
2016 6-Month YTD	**E1,246,234**	**E2,636,211**	**E3,704,787**	**E192,145**	**E663,059**	**E802,544**	**E276,169**	**E622,621**	**E14,322,800**
2015 6-Month YTD	**E1,245,326**	**E2,323,948**	**E3,910,256**	**E225,908**	**E665,934**	**E849,443**	**E280,622**	**E638,946**	**E14,171,035**
2014 6-Month YTD	**1,117,149**	**2,012,099**	**3,811,731**	**229,643**	**461,790**	**892,736**	**305,222**	**617,658**	**13,199,528**

E Estimated data.

RE Revised estimated data.

Notes: For 2014 forward, marketed production is estimated from gross withdrawals using historical relationships between the two. For 2014, monthly volumes are available only for those states/areas that were collected individually on the EIA-914 Survey (Louisiana, New Mexico, Oklahoma, Texas, Wyoming, and the Federal Offshore Gulf of Mexico) and Alaska. Starting in 2015, ten states (Arkansas, California, Colorado, Kansas, Montana, North Dakota, Ohio, Pennsylvania, Utah, and West Virginia) were added to the EIA-914 data collection and are reported individually. The remaining states/areas (Alabama, Arizona, Federal Offshore Pacific, Florida, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) are grouped in the "Other States" category. 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: 2011-2014: Energy Information Administration (EIA), *Natural Gas Annual 2014*, and Bureau of Safety and Environmental Enforcement (BSEE) reports. January 2015 through current month: Form EIA-914, "*Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report*," and its predecessor, "*Monthly Natural Gas Production Report*"; BSEE reports; PointLogic Energy; Ventyx; BENTEK Energy; industry reports; and EIA computations.

Table 8. Underground natural gas storage – all operators, 2011-2016

(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[a]	Volume	Percent	Injections	Withdrawals	Net Withdrawals[b]
2011 Total[c]	--	--	--	--	--	**3,422**	**3,074**	**-348**
2012 Total[c]	--	--	--	--	--	**2,825**	**2,818**	**-7**
2013 Total[c]	--	--	--	--	--	**3,156**	**3,702**	**546**
2014								
January	4,363	1,925	6,288	-774	-28.7	68	1,039	971
February	4,360	1,200	5,560	-899	-42.8	104	833	728
March	4,350	857	5,207	-863	-50.2	134	488	353
April	4,357	1,066	5,423	-789	-42.5	323	105	-217
May	4,353	1,548	5,901	-722	-31.8	529	51	-478
June	4,358	2,005	6,364	-637	-24.1	506	44	-463
July	4,361	2,400	6,761	-537	-18.3	463	63	-400
August	4,366	2,768	7,135	-444	-13.8	447	73	-374
September	4,369	3,187	7,556	-377	-10.6	469	47	-422
October	4,367	3,587	7,955	-230	-6.0	452	52	-400
November	4,367	3,427	7,794	-178	-5.0	200	361	161
December	4,365	3,141	7,506	251	8.7	143	429	286
Total	--	--	--	--	--	**3,839**	**3,586**	**-253**
2015								
January	4,361	2,415	6,776	490	25.5	70	795	725
February	4,360	1,674	6,034	474	39.5	62	803	742
March	4,361	1,480	5,841	623	72.6	182	376	193
April	4,360	1,802	6,162	736	69.0	405	84	-321
May	4,363	2,296	6,659	748	48.3	542	44	-497
June	4,367	2,656	7,023	650	32.4	430	68	-362
July	4,372	2,933	7,305	533	22.2	379	96	-283
August	4,364	3,250	7,614	482	17.4	394	85	-309
September	4,365	3,622	7,987	435	13.7	435	63	-372
October	4,365	3,951	8,316	363	10.1	401	70	-331
November	4,368	3,935	8,303	508	14.8	201	214	12
December	4,363	3,675	8,038	534	17.0	138	403	264
Total	--	--	--	--	--	**3,639**	**3,101**	**-538**
2016								
January	4,361	2,949	7,311	534	22.1	66	795	728
February	4,361	2,546	6,907	872	52.1	111	515	403
March	4,352	2,496	6,848	1,016	68.6	215	274	59
April	4,356	R2,654	R7,010	R852	47.3	294	130	-164
May	4,358	R2,975	R7,333	R679	29.6	402	75	-327
June	4,360	3,196	7,557	541	20.4	318	94	-224

[a] Total underground storage capacity at the end of each calendar year (in billion cubic feet): 2011 – 8,849; 2012 – 8,991; 2013 – 9,173; and 2014 – 9,233. 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.

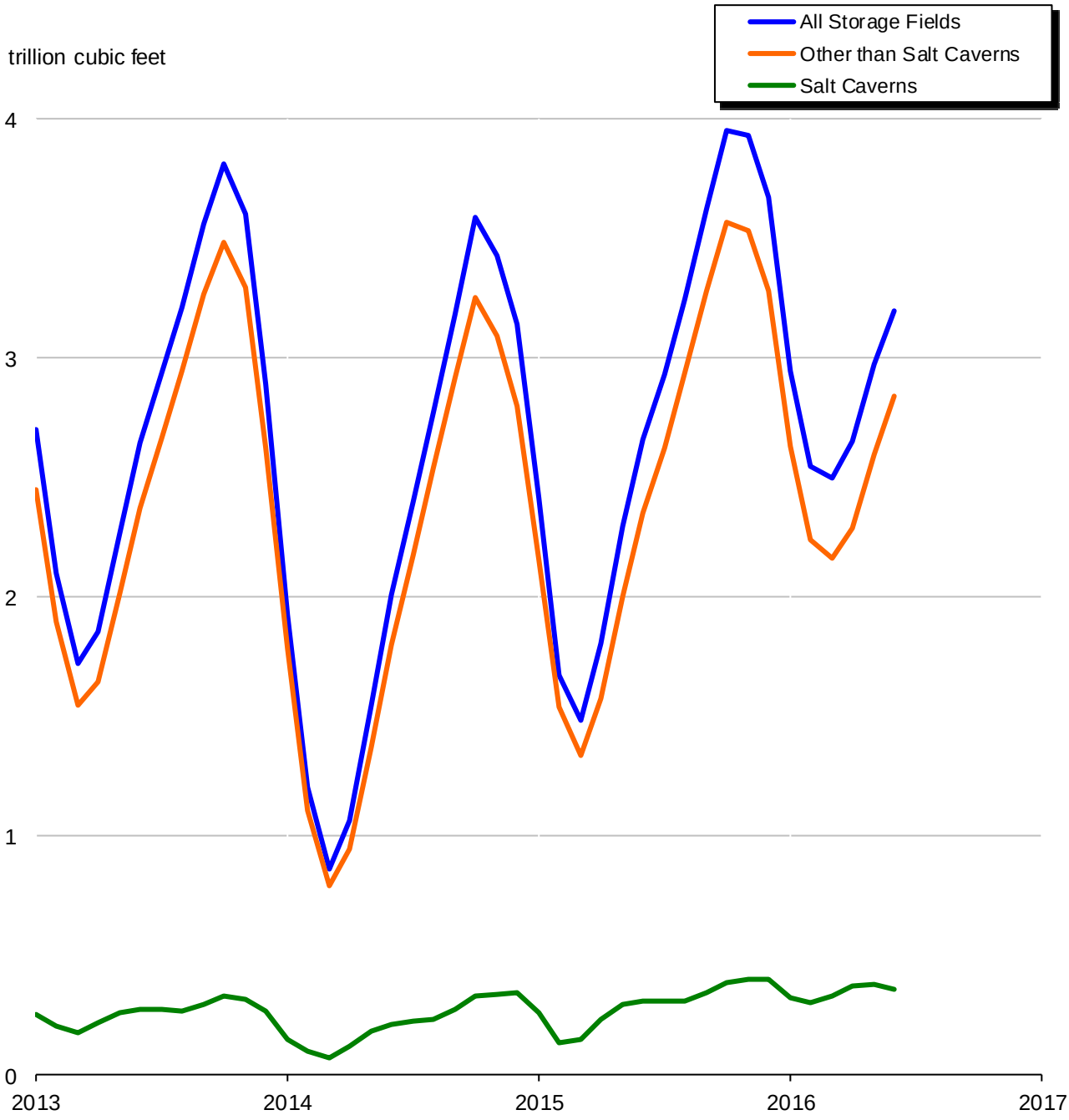
-- Not applicable.

Notes: Data for 2011 through 2013 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, 2013-2016



Note: Geographic coverage is the 50 states and the District of Columbia. Alaska was added to U.S. total as of January 2013.
Source: Energy Information Administration (EIA): Form EIA-191, *"Monthly Underground Gas Storage Report."*

Table 9. Underground natural gas storage – by season, 2014-2016

(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]
2014 Refill Season								
April	4,357	1,066	5,423	-789	-42.5	323	105	-217
May	4,353	1,548	5,901	-722	-31.8	529	51	-478
June	4,358	2,005	6,364	-637	-24.1	506	44	-463
July	4,361	2,400	6,761	-537	-18.3	463	63	-400
August	4,366	2,768	7,135	-444	-13.8	447	73	-374
September	4,369	3,187	7,556	-377	-10.6	469	47	-422
October	4,367	3,587	7,955	-230	-6.0	452	52	-400
Total	--	--	--	--	--	**3,189**	**436**	**-2,753**
2015 Heating Season								
November	4,367	3,427	7,794	-178	-5.0	200	361	161
December	4,365	3,141	7,506	251	8.7	143	429	286
January	4,361	2,415	6,776	490	25.5	70	795	725
February	4,360	1,674	6,034	474	39.5	62	803	742
March	4,361	1,480	5,841	623	72.6	182	376	193
Total	--	--	--	--	--	**657**	**2,765**	**2,108**
2015 Refill Season								
April	4,360	1,802	6,162	736	69.0	405	84	-321
May	4,363	2,296	6,659	748	48.3	542	44	-497
June	4,367	2,656	7,023	650	32.4	430	68	-362
July	4,372	2,933	7,305	533	22.2	379	96	-283
August	4,364	3,250	7,614	482	17.4	394	85	-309
September	4,365	3,622	7,987	435	13.7	435	63	-372
October	4,365	3,951	8,316	363	10.1	401	70	-331
Total	--	--	--	--	--	**2,986**	**511**	**-2,475**
2016 Heating Season								
November	4,368	3,935	8,303	508	14.8	201	214	12
December	4,363	3,675	8,038	534	17.0	138	403	264
January	4,361	2,949	7,311	534	22.1	66	795	728
February	4,361	2,546	6,907	872	52.1	111	515	403
March	4,352	2,496	6,848	1,016	68.6	215	274	59
Total	--	--	--	--	--	**732**	**2,199**	**1,467**
2016 Refill Season								
April	4,356	[R]2,654	[R]7,010	[R]852	47.3	294	130	-164
May	4,358	[R]2,975	[R]7,333	[R]679	29.6	402	75	-327
June	4,360	3,196	7,557	541	20.4	318	94	-224

[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 2013 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

Table 10. Underground natural gas storage – salt cavern storage fields, 2011-2016

(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]
2011 Total[b]	--	--	--	--	--	**533**	**440**	**-92**
2012 Total[b]	--	--	--	--	--	**465**	**445**	**-20**
2013 Total[b]	--	--	--	--	--	**492**	**521**	**29**
2014								
January	170	143	312	-109	-43.3	32	159	128
February	169	95	263	-105	-52.6	56	105	49
March	168	68	236	-107	-61.2	41	68	27
April	168	119	288	-94	-44.1	67	15	-51
May	168	179	347	-79	-30.5	75	15	-60
June	172	209	381	-60	-22.5	52	18	-34
July	173	226	399	-47	-17.2	43	24	-20
August	178	229	407	-35	-13.2	37	30	-7
September	180	271	450	-25	-8.6	61	17	-44
October	180	331	511	0	0.1	77	17	-61
November	180	335	515	23	7.3	50	46	-4
December	179	341	520	73	27.3	42	37	-5
Total	--	--	--	--	--	**634**	**552**	**-82**
2015								
January	179	260	439	117	82.2	24	105	81
February	179	135	314	40	42.6	15	140	125
March	178	147	325	79	115.5	58	46	-12
April	178	230	407	110	92.3	95	13	-82
May	180	292	472	113	63.3	82	17	-65
June	182	307	488	98	46.9	44	29	-15
July	182	305	487	79	35.0	37	38	1
August	182	309	491	80	35.0	36	32	-4
September	182	341	523	70	25.9	55	24	-31
October	182	384	566	53	16.1	67	24	-43
November	182	398	579	62	18.6	50	37	-13
December	182	395	577	55	16.0	44	46	2
Total	--	--	--	--	--	**607**	**551**	**-56**
2016								
January	181	320	501	60	23.2	29	105	76
February	181	303	485	168	124.4	42	58	16
March	182	331	513	184	125.2	67	39	-28
April	183	367	550	138	60.0	66	27	-38
May	183	377	560	84	28.9	46	36	-10
June	183	357	541	51	16.5	26	45	19
2016 6-Month YTD	--	--	--	--	--	**275**	**310**	**35**
2015 6-Month YTD	--	--	--	--	--	**317**	**350**	**33**
2014 6-Month YTD	--	--	--	--	--	**323**	**382**	**59**

[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 2011 through 2013 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Alaska added to U.S. totals as of January 2013.

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

Table 11. Underground natural gas storage – storage fields other than salt caverns, 2011-2016

(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]
2011 Total[b]	--	--	--	--	--	**2,889**	**2,634**	**-255**
2012 Total[b]	--	--	--	--	--	**2,360**	**2,373**	**12**
2013 Total[b]	--	--	--	--	--	**2,664**	**3,181**	**517**
2014								
January	4,194	1,782	5,976	-665	-27.2	37	879	843
February	4,192	1,105	5,297	-794	-41.8	48	727	679
March	4,182	789	4,971	-755	-48.9	93	419	326
April	4,188	947	5,135	-695	-42.3	256	90	-166
May	4,184	1,369	5,553	-643	-32.0	454	36	-418
June	4,186	1,797	5,982	-577	-24.3	454	25	-429
July	4,188	2,174	6,362	-490	-18.4	420	40	-380
August	4,189	2,539	6,728	-409	-13.9	410	44	-366
September	4,190	2,916	7,106	-352	-10.8	408	30	-378
October	4,188	3,256	7,444	-230	-6.6	375	35	-340
November	4,188	3,092	7,279	-201	-6.1	150	316	166
December	4,185	2,800	6,986	178	6.8	101	392	291
Total	--	--	--	--	--	**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	4,181	2,629	6,809	474	22.0	37	689	652
February	4,180	2,242	6,422	703	45.7	69	456	387
March	4,171	2,164	6,335	831	62.4	149	236	87
April	4,173	R2,287	R6,460	715	45.5	229	103	-126
May	4,175	2,599	6,774	595	29.7	357	40	-317
June	4,177	2,839	7,016	490	20.9	292	49	-243
2016 6-Month YTD	--	--	--	--	--	**1,132**	**1,572**	**440**
2015 6-Month YTD	--	--	--	--	--	**1,373**	**1,820**	**447**
2014 6-Month YTD	--	--	--	--	--	**1,342**	**2,177**	**835**

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

[b] Total as of December 31.

R Revised data.

-- Not applicable.

Notes: Data for 2011 through 2013 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

Table 12. Net withdrawals from underground storage, by state, 2014-2016

(million cubic feet)

State	June	May	April	March	February	2016 January	2015 Total
Alabama	1,486	-1,536	-3,383	-323	-713	4,787	-3,817
Alaska[a]	-1,468	-1,957	-1,441	-451	-459	-50	782
Arkansas	-724	-801	-444	438	328	434	-1,046
California	-7,766	-16,700	-17,261	-4,805	7,203	40,217	-2,698
Colorado	-5,842	-5,548	1,334	3,688	2,412	9,800	-5,930
Illinois	-32,072	-26,284	4,551	26,092	50,274	69,604	-10,603
Indiana	-2,226	-2,905	527	1,694	5,259	6,106	-4,411
Iowa	-2,856	-2,349	2,150	4,762	10,674	19,427	-4,955
Kansas	-4,701	-13,272	-7,167	-4,070	11,913	26,541	-11,154
Kentucky	-2,776	-8,262	-16,117	2,150	9,656	19,675	-17,554
Louisiana	-2,585	-11,540	-20,296	-14,011	21,175	56,058	-88,237
Maryland	-3,022	-1,671	716	-342	2,294	3,991	-1,304
Michigan	-52,688	-65,480	-13,874	30,025	80,654	108,415	-87,722
Minnesota	-174	-76	7	515	127	315	-78
Mississippi	1,758	-6,684	-6,394	-12,187	6,944	36,129	-27,879
Missouri	0	0	0	119	-168	433	-586
Montana	-4,908	-5,202	-3,943	-770	2,057	4,394	-3,197
Nebraska	-16	-1,099	-630	-103	549	1,788	-786
New Mexico	-391	-1,615	-1,170	-1,658	1,413	1,568	-19,897
New York	-7,422	-11,246	-1,571	4,660	14,573	21,931	-15,923
Ohio	-26,258	-21,537	-5,040	17,603	32,160	47,082	-33,025
Oklahoma	-3,069	-15,348	-9,402	-5,923	10,070	26,725	-32,397
Oregon	-511	-1,218	-1,027	-362	481	1,845	474
Pennsylvania	-36,463	-32,012	-5,601	20,011	62,426	87,473	-41,111
Tennessee	-38	-27	-17	-32	-6	25	-453
Texas	7,624	-29,546	-38,115	-19,445	24,128	56,721	-91,530
Utah	-4,887	-7,374	-814	-1,928	3,685	8,830	-8,073
Virginia	-46	-242	-508	135	17	1,612	-468
Washington	-1,835	-4,392	-2,918	1,935	5,854	1,480	4,545
West Virginia	-25,941	R-27,290	R-14,238	11,571	35,666	62,059	-28,151
Wyoming	-3,980	-3,858	-2,386	-139	2,448	3,031	-1,237
Regions							
East Region	-99,152	R-93,997	R-26,243	53,638	147,136	224,148	-119,981
South Central Region	-212	-78,727	-85,201	-55,521	73,846	207,396	-256,060
Midwest Region	-92,831	-105,382	-22,774	65,327	156,470	224,000	-126,362
Mountain Region	-20,024	-24,696	-7,610	-910	12,562	29,411	-39,121
Pacific Region	-10,113	-22,310	-21,206	-3,232	13,538	43,542	2,322
Total Lower 48 States	**-222,331**	**R-325,112**	**R-163,034**	**59,302**	**403,552**	**728,497**	**-539,203**
U.S. Total	**-223,800**	**R-327,069**	**R-164,475**	**58,851**	**403,093**	**728,447**	**-538,421**

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2014-2016
(million cubic feet) – continued

State	December	November	October	September	August	July	June
							2015
Alabama	-249	-1,217	-415	-2,416	1,057	-971	-734
Alaska[a]	140	197	-52	92	-108	-171	-78
Arkansas	-127	-283	-212	-141	-403	-437	-357
California	44,087	5,699	-18,709	-6,577	1,758	-8,522	-10,336
Colorado	9,420	1,802	-4,141	-5,250	-5,181	-5,048	-6,817
Illinois	45,715	-1,164	-36,756	-37,238	-34,172	-32,685	-29,520
Indiana	1,569	-1,236	-2,047	-3,878	-3,494	-2,687	-2,942
Iowa	16,556	4,637	-14,124	-16,136	-13,614	-2,563	-6,962
Kansas	11,377	7,836	-5,912	-14,045	-9,249	-16,737	-11,868
Kentucky	7,953	-1,730	-9,465	-7,783	-6,294	-5,729	-5,537
Louisiana	8,860	-15,244	-40,257	-33,722	-20,717	-17,892	-16,431
Maryland	517	490	-262	-372	-2,786	-2,440	-2,577
Michigan	30,889	3,499	-60,050	-75,170	-81,284	-74,938	-82,493
Minnesota	10	-149	-262	-219	-202	-176	-37
Mississippi	-723	-4,892	-14,206	-16,234	-4,313	-1,700	-11,013
Missouri	28	-212	-268	-581	0	0	*
Montana	3,620	2,456	-1,050	-2,101	-3,445	-3,385	-3,128
Nebraska	979	212	-1,193	-1,296	-965	-77	-1,343
New Mexico	-616	-2,132	-2,258	-1,275	-1,429	-1,726	-1,306
New York	2,020	7	-6,129	-8,376	-8,289	-9,553	-15,297
Ohio	19,441	7,717	-11,308	-22,886	-27,651	-25,160	-26,651
Oklahoma	8,250	3,951	-13,483	-8,189	-6,183	-8,740	-17,758
Oregon	2,338	1,139	-1,330	-1,482	-685	2	-374
Pennsylvania	11,466	-6,135	-31,589	-38,785	-35,179	-24,593	-51,105
Tennessee	-54	-102	-93	-64	-59	-60	-49
Texas	6,424	-2,086	-41,913	-35,276	-6,397	-1,462	-23,854
Utah	6,185	3,131	-1,402	-4,323	-3,183	-5,792	-5,110
Virginia	48	-270	-545	-623	-508	-87	-509
Washington	2,710	3,788	-792	-2,976	-4,747	278	122
West Virginia	23,857	2,855	-9,191	-22,829	-30,326	-28,865	-25,786
Wyoming	1,646	-255	-1,419	-1,866	-1,115	-1,186	-1,715
Regions							
East Region	57,349	4,664	-59,024	-93,873	-104,740	-90,699	-121,926
South Central Region	33,813	-11,936	-116,399	-110,024	-46,205	-47,939	-82,015
Midwest Region	102,665	3,543	-123,064	-141,069	-139,118	-118,838	-127,539
Mountain Region	21,235	5,213	-11,462	-16,112	-15,317	-17,214	-19,419
Pacific Region	49,135	10,625	-20,831	-11,035	-3,674	-8,243	-10,588
Total Lower 48 States	**264,197**	**12,109**	**-330,780**	**-372,112**	**-309,054**	**-282,933**	**-361,486**
U.S. Total	**264,337**	**12,306**	**-330,832**	**-372,021**	**-309,162**	**-283,104**	**-361,564**

See footnotes at end of table.

Table 12

Table 12. Net withdrawals from underground storage, by state, 2014-2016

(million cubic feet) – continued

	2015						2014
State	**May**	**April**	**March**	**February**	**January**	**Total**	**December**
Alabama	-5,684	-6,159	-243	8,440	4,774	-5,603	-1,346
Alaska[a]	-71	219	235	185	194	-5,152	-733
Arkansas	-411	91	234	567	431	468	187
California	-25,451	-16,467	-4,345	-2,750	38,916	-45,335	14,741
Colorado	-5,045	1,888	920	5,579	5,942	-1,818	9,314
Illinois	-28,714	1,105	21,193	58,104	63,529	-10,730	50,911
Indiana	-2,903	-294	2,709	5,238	5,552	-841	2,764
Iowa	-5,355	541	6,384	11,129	14,550	-7,424	15,333
Kansas	-13,935	-2,777	-721	26,416	18,461	-15,614	8,640
Kentucky	-9,947	-14,941	2,284	20,181	13,454	-5,015	1,712
Louisiana	-36,612	-45,037	-1,990	73,436	57,369	21,565	11,447
Maryland	-2,522	-254	970	4,876	3,057	556	596
Michigan	-82,150	-42,975	61,590	176,480	138,879	-75,432	47,328
Minnesota	6	6	351	255	337	-364	97
Mississippi	-21,243	-30,471	371	40,415	36,131	-35,561	-4,655
Missouri	0	0	-976	1,273	151	-1,253	135
Montana	-2,545	-1,350	-172	3,314	4,588	16,007	3,346
Nebraska	-1,121	-417	669	1,778	1,989	-278	888
New Mexico	-2,874	-2,771	-2,404	-1,237	131	7,015	440
New York	-12,852	-4,764	12,169	17,191	17,951	-4,857	5,228
Ohio	-31,413	-14,797	19,170	37,546	42,969	-6,127	23,765
Oklahoma	-30,908	-22,563	1,625	31,015	30,588	-6,811	15,204
Oregon	-2,416	116	-732	688	3,212	-3,318	1,267
Pennsylvania	-62,659	-27,319	48,329	92,652	83,807	-41,556	29,332
Tennessee	-53	-48	-10	96	42	0	0
Texas	-64,583	-68,034	4,146	75,241	66,265	-19,539	10,548
Utah	-6,367	-512	-197	3,249	6,246	-1,155	7,368
Virginia	-600	793	-1,256	1,821	1,268	6	158
Washington	-4,285	-1,199	2,520	4,712	4,416	-3,458	676
West Virginia	-33,369	-23,204	19,424	41,243	58,043	-765	30,123
Wyoming	-1,151	308	1,217	2,397	1,901	-569	1,586
Regions							
East Region	-143,415	-69,546	98,805	195,328	207,094	-52,743	89,203
South Central Region	-173,376	-174,950	3,421	255,529	214,020	-61,096	40,026
Midwest Region	-129,116	-56,605	93,527	272,757	236,494	-101,059	118,280
Mountain Region	-19,103	-2,853	34	15,081	20,797	19,202	22,941
Pacific Region	-32,152	-17,550	-2,557	2,649	46,544	-52,112	16,684
Total Lower 48 States	**-497,162**	**-321,505**	**193,230**	**741,344**	**724,949**	**-247,806**	**287,134**
U.S. Total	**-497,234**	**-321,286**	**193,465**	**741,529**	**725,144**	**-252,958**	**286,401**

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2014-2016
(million cubic feet) – continued

State	November	October	September	August	July	June	May
							2014
Alabama	321	-3,227	-761	492	-38	-420	-5,110
Alaska[a]	-558	106	-564	-697	-256	-1,546	-263
Arkansas	259	-12	-166	-396	-422	-450	-450
California	2,894	-27,183	-12,319	-22,052	-20,946	-41,166	-48,253
Colorado	2,970	-3,960	-6,177	-6,161	-7,622	-7,111	-3,848
Illinois	11,226	-38,767	-38,887	-39,186	-35,418	-35,170	-29,654
Indiana	207	-2,561	-3,451	-3,655	-3,103	-3,175	-2,745
Iowa	9,991	-11,564	-16,589	-16,826	-8,737	-7,981	-7,521
Kansas	11,740	-9,250	-12,602	-7,892	-15,372	-12,785	-4,659
Kentucky	2,549	-11,752	-9,008	-9,946	-9,214	-9,743	-8,340
Louisiana	7,202	-49,804	-37,896	-26,081	-35,789	-30,151	-29,849
Maryland	2,764	-1,919	-1,591	14	-2,308	-3,179	-3,611
Michigan	51,226	-45,756	-78,777	-92,472	-97,216	-97,918	-85,403
Minnesota	-107	-294	-223	-269	-247	-225	-184
Mississippi	-2,348	-14,920	-13,380	331	-7,067	-16,132	-28,960
Missouri	-314	-312	-257	-777	0	0	*
Montana	3,688	-1,742	-1,952	-2,072	-2,852	-2,151	-2,124
Nebraska	719	-574	-2,299	-1,907	-1,589	-1,809	-94
New Mexico	-200	-2,469	-41	1,099	401	-2,165	-1,792
New York	7,036	-11,131	-14,041	-15,669	-13,780	-11,399	-6,000
Ohio	18,676	-15,873	-25,383	-22,667	-22,917	-28,204	-27,166
Oklahoma	7,444	-24,105	-15,412	-10,561	-10,836	-16,051	-19,840
Oregon	1,993	-505	-1,425	-1,897	-3,056	-4,133	-3,018
Pennsylvania	16,036	-39,656	-50,233	-44,335	-38,363	-55,862	-63,219
Tennessee	0	0	0	0	0	0	0
Texas	-17,967	-60,721	-44,441	-11,235	-22,245	-33,940	-44,996
Utah	4,621	-1,973	-5,125	-5,742	-7,678	-7,760	-8,156
Virginia	176	-638	-848	183	-282	167	-573
Washington	1,577	-223	-1,524	-4,077	-1,529	-3,418	-5,031
West Virginia	16,358	-17,465	-24,144	-25,969	-28,904	-27,051	-35,829
Wyoming	831	-2,049	-2,016	-3,075	-2,118	-1,709	-953
Regions							
East Region	61,045	-86,683	-116,239	-108,445	-106,553	-125,529	-136,399
South Central Region	6,651	-162,037	-124,657	-55,342	-91,771	-109,928	-133,863
Midwest Region	74,778	-111,005	-147,193	-163,132	-153,935	-154,212	-133,848
Mountain Region	12,630	-12,768	-17,611	-17,858	-21,457	-22,706	-16,967
Pacific Region	6,464	-27,912	-15,268	-28,027	-25,531	-48,717	-56,302
Total Lower 48 States	**161,568**	**-400,405**	**-420,968**	**-372,803**	**-399,247**	**-461,091**	**-477,379**
U.S. Total	**161,011**	**-400,299**	**-421,532**	**-373,501**	**-399,503**	**-462,637**	**-477,641**

See footnotes at end of table.

Table 12

Table 12. Net withdrawals from underground storage, by state, 2014-2016
(million cubic feet) – continued

State	April	March	February	January
				2014
Alabama	-5,260	61	3,236	6,448
Alaska[a]	-701	-197	559	-301
Arkansas	248	416	707	546
California	-37,379	7,619	74,988	63,722
Colorado	-381	4,485	8,422	8,251
Illinois	-1,578	23,881	49,721	72,190
Indiana	-297	2,106	5,517	7,553
Iowa	1,171	5,913	10,432	18,955
Kansas	-3,998	1,135	11,044	18,383
Kentucky	-4,574	12,228	16,687	24,386
Louisiana	-16,457	47,174	64,290	117,479
Maryland	-979	1,843	3,686	5,240
Michigan	-36,504	58,301	129,459	172,300
Minnesota	104	240	284	461
Mississippi	-23,328	7,170	19,014	48,713
Missouri	-5	1	58	218
Montana	1,805	5,696	7,344	7,020
Nebraska	761	498	2,400	2,728
New Mexico	-399	2,453	5,131	4,559
New York	-1,276	14,829	17,329	24,017
Ohio	-9,245	19,863	32,485	50,540
Oklahoma	-10,928	14,326	29,979	33,969
Oregon	-36	102	2,637	4,752
Pennsylvania	-26,488	46,657	88,267	96,309
Tennessee	0	0	0	0
Texas	-30,409	44,718	89,138	102,009
Utah	224	4,590	8,588	9,887
Virginia	-449	199	-293	2,208
Washington	-2,089	2,671	5,288	4,221
West Virginia	-8,421	22,841	38,330	59,366
Wyoming	-575	1,635	3,435	4,440
Regions				
East Region	-46,858	106,232	179,804	237,678
South Central Region	-90,131	115,000	217,408	327,547
Midwest Region	-41,683	102,669	212,159	296,063
Mountain Region	1,434	19,358	35,320	36,887
Pacific Region	-39,504	10,393	82,912	72,695
Total Lower 48 States	**-216,741**	**353,651**	**727,603**	**970,871**
U.S. Total	**-217,441**	**353,454**	**728,162**	**970,569**

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

[R] Revised data.

[*] Volume is less than 500,000 cubic feet

Notes: This table contains total net withdrawals for each of the states with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. EIA publishes weekly estimates of working gas in underground storage by geographical region; in November 2015, region breakouts were revised from three regions to five. See Explanatory Note 5 in Appendix A for a list of the new regions shown in this table and the states included in each.

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

Table 13. Activities of underground natural gas storage operators, by state, June 2016

(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	23,615	34,065	3,085	15.0	1,576	3,062
Alaska[a]	5	83,592	67,915	14,197	29,961	44,158	5,604	23.0	1,970	501
Arkansas	2	21,853	12,178	12,970	1,270	14,240	-444	-25.9	724	0
California	14	601,808	375,496	225,845	282,379	508,224	-23,626	-7.7	12,383	4,616
Colorado	10	130,186	63,774	58,446	35,718	94,164	2,566	7.7	7,000	1,157
Illinois	28	1,004,130	303,613	702,443	116,447	818,890	3,856	3.4	32,284	212
Indiana	21	111,581	33,592	77,158	18,274	95,432	3,433	23.1	2,269	42
Iowa	4	288,210	90,313	197,897	26,264	224,160	-6,563	-20.0	3,331	474
Kansas	17	282,984	122,980	164,172	86,323	250,495	17,504	25.4	9,088	4,388
Kentucky	23	221,722	107,571	112,956	92,922	205,878	18,578	25.0	5,041	2,265
Louisiana	19	743,067	454,529	275,661	351,921	627,582	90,542	34.6	23,795	21,210
Maryland	1	64,000	18,300	45,677	13,430	59,107	2,887	27.4	3,077	55
Michigan	44	1,071,630	685,726	385,032	500,588	885,620	176,879	54.6	54,263	1,576
Minnesota	1	7,000	2,000	4,848	1,411	6,259	283	25.1	174	0
Mississippi	12	334,961	205,019	116,068	149,937	266,005	22,932	18.1	8,894	10,651
Missouri	1	13,845	6,000	7,845	6,002	13,848	447	8.1	0	0
Montana	5	376,301	197,501	178,501	28,262	206,763	12,277	76.8	5,020	113
Nebraska	1	34,850	12,653	22,197	9,926	32,123	-359	-3.5	404	387
New Mexico	2	89,100	59,738	29,362	47,425	76,788	11,288	31.2	906	515
New York	26	245,779	126,871	114,826	88,885	203,711	10,564	13.5	9,211	1,789
Ohio	24	575,794	230,828	340,158	121,482	461,641	15,810	15.0	26,893	635
Oklahoma	13	375,143	193,455	181,624	161,664	343,288	23,706	17.2	8,283	5,214
Oregon	7	29,565	15,935	11,186	16,456	27,642	1,691	11.5	511	0
Pennsylvania	49	760,619	425,861	337,217	286,161	623,378	31,712	12.5	43,461	6,997
Tennessee	2	2,400	1,800	878	1,253	2,130	524	71.9	38	0
Texas	36	851,541	546,285	298,312	460,919	759,232	76,072	19.8	16,715	24,339
Utah	3	124,509	54,942	69,525	41,562	111,087	7,914	23.5	5,095	209
Virginia	2	9,500	5,400	4,100	4,235	8,335	1,017	31.6	686	639
Washington	1	46,900	24,600	22,300	16,956	39,256	1,730	11.4	2,974	1,139
West Virginia	31	528,837	259,362	270,137	140,547	410,685	19,873	16.5	27,482	1,542
Wyoming	9	157,985	73,705	68,134	34,246	102,380	8,842	34.8	4,340	360
Regions										
East Region	133	2,184,529	1,066,622	1,112,116	654,741	1,766,857	81,863	14.3	110,810	11,657
South Central Region	101	2,653,148	1,567,596	1,059,258	1,235,649	2,294,907	233,398	23.3	69,075	68,864
Midwest Region	124	2,720,517	1,230,615	1,489,057	763,161	2,252,218	197,436	34.9	97,400	4,569
Mountain Region	30	912,931	462,313	426,165	197,139	623,304	42,528	27.5	22,765	2,741
Pacific Region	22	678,273	416,031	259,331	315,790	575,122	-20,204	-6.0	15,868	5,755
Total Lower 48 States	**410**	**9,149,399**	**4,743,177**	**4,345,928**	**3,166,480**	**7,512,408**	**535,021**	**20.3**	**315,918**	**93,587**
U.S. Total	**415**	**9,232,991**	**4,811,092**	**4,360,125**	**3,196,441**	**7,556,566**	**540,624**	**20.4**	**317,888**	**94,088**

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

Notes: Existing fields include both active and inactive fields. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Total gas capacity may not equal the sum of base gas and working gas capacity, owing to changes in operational conditions. Totals may not equal sum of components because of independent rounding. EIA publishes weekly estimates of working gas in underground storage by geographical region; 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-191M. 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

Table 14. Natural gas deliveries to residential consumers, by state, 2014-2016

(million cubic feet)

State	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	2016 June	May	April	March
Alabama	19,417	23,351	25,801	876	999	1,681	2,815
Alaska	8,928	10,016	9,719	534	864	1,240	1,886
Arizona	22,867	20,065	20,396	1,311	1,746	2,394	3,051
Arkansas	16,322	22,366	26,480	667	904	1,461	2,663
California	226,500	213,070	226,872	21,153	24,657	28,072	39,610
Colorado	74,059	71,312	77,000	2,954	6,674	10,395	14,333
Connecticut	30,053	37,772	34,844	1,365	2,384	4,226	5,558
Delaware	6,627	7,938	7,975	231	475	823	1,135
District of Columbia	7,495	8,870	9,135	287	501	791	1,107
Florida	9,439	8,941	9,528	699	850	1,007	1,589
Georgia	70,839	78,271	82,651	3,799	4,675	6,532	9,664
Hawaii	289	309	311	45	44	51	49
Idaho	12,991	12,143	13,843	580	881	1,291	2,532
Illinois	237,354	270,780	309,016	9,476	15,563	30,201	41,165
Indiana	77,909	92,544	99,130	2,260	4,815	9,480	11,827
Iowa	37,870	41,689	50,292	1,120	2,108	4,552	6,736
Kansas	33,583	38,416	45,911	1,394	2,229	3,028	4,600
Kentucky	29,093	34,034	37,763	839	1,498	2,653	4,701
Louisiana	20,717	25,064	29,335	1,314	1,571	2,017	2,768
Maine	1,663	1,801	1,519	70	143	258	342
Maryland	48,644	58,693	59,570	1,779	3,332	5,406	7,531
Massachusetts	71,952	90,211	85,831	2,893	5,800	10,379	14,183
Michigan	185,662	219,384	224,472	6,159	12,509	27,859	33,896
Minnesota	NA	77,834	93,346	2,726	3,810	9,330	12,025
Mississippi	NA	15,280	19,046	NA	820	NA	1,740
Missouri	56,046	71,942	76,862	1,942	2,933	5,020	8,776
Montana	10,574	10,584	12,748	534	968	1,336	2,083
Nebraska	19,614	22,281	27,137	839	R1,474	R2,138	R3,172
Nevada	23,145	20,217	21,473	1,486	1,952	2,449	3,452
New Hampshire	4,408	5,392	5,098	173	307	626	831
New Jersey	139,102	175,240	167,221	6,524	10,990	17,825	24,758
New Mexico	19,782	19,963	19,439	973	1,552	2,187	3,348
New York	263,210	323,545	302,860	13,089	22,482	37,735	46,605
North Carolina	40,914	46,843	47,651	1,228	1,665	3,412	5,269
North Dakota	5,927	6,794	7,835	183	378	778	1,087
Ohio	161,835	209,170	214,030	4,857	10,492	21,400	26,847
Oklahoma	30,690	38,720	51,726	1,414	1,817	2,451	4,760
Oregon	21,671	20,264	24,443	1,173	1,648	2,280	4,595
Pennsylvania	140,166	173,487	169,709	5,241	9,570	17,375	23,070
Rhode Island	10,945	13,778	13,237	335	772	1,546	1,996
South Carolina	17,423	19,266	20,279	498	718	1,399	2,278
South Dakota	7,186	7,372	8,830	233	R532	R986	R1,322
Tennessee	40,187	50,135	51,785	1,230	1,767	3,303	5,811
Texas	113,182	142,897	163,474	7,028	7,320	11,514	16,501
Utah	36,889	31,132	36,926	1,474	2,987	4,442	6,214
Vermont	2,159	2,669	2,557	109	196	357	380
Virginia	50,343	60,996	60,819	2,027	3,079	5,441	8,205
Washington	NA	38,215	46,072	NA	3,175	4,164	8,911
West Virginia	15,146	18,145	18,695	374	733	1,805	2,679
Wisconsin	77,559	85,825	96,707	2,584	5,012	11,144	14,268
Wyoming	NA	7,029	7,742	267	804	1,100	NA
Total	**2,692,036**	**3,102,056**	**3,275,139**	**123,211**	**R195,179**	**R330,289**	**R456,140**

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2014-2016
(million cubic feet) – continued

State	2016 February	2016 January	2015 Total	2015 December	2015 November	2015 October	2015 September
Alabama	5,694	7,352	31,794	3,411	2,031	934	671
Alaska	2,057	2,347	18,468	2,670	2,306	1,422	1,033
Arizona	5,746	8,619	34,215	6,609	3,107	1,334	1,072
Arkansas	4,797	5,830	30,803	3,933	2,155	731	546
California	43,542	69,466	404,869	73,730	44,802	19,412	17,188
Colorado	17,313	22,390	125,433	23,229	16,679	5,976	3,036
Connecticut	7,942	8,578	51,857	4,884	3,952	2,158	975
Delaware	1,879	2,084	10,501	978	720	378	157
District of Columbia	2,285	2,524	12,371	1,335	911	520	253
Florida	2,446	2,848	14,777	1,440	1,216	1,081	632
Georgia	19,976	26,193	117,523	11,943	10,248	5,873	3,794
Hawaii	47	52	572	47	44	44	41
Idaho	3,241	4,467	22,963	4,740	3,624	995	638
Illinois	62,355	78,595	399,446	50,744	35,960	18,056	8,021
Indiana	21,691	27,835	133,876	16,881	11,746	5,799	2,432
Iowa	10,164	13,190	62,032	8,921	5,686	2,268	1,260
Kansas	9,206	13,126	NA	8,895	NA	1,886	1,589
Kentucky	8,629	10,774	47,712	5,585	3,977	1,565	845
Louisiana	5,177	7,870	36,580	3,756	2,380	1,531	1,354
Maine	401	450	2,605	298	232	136	46
Maryland	13,553	17,043	81,592	8,243	6,137	3,820	1,518
Massachusetts	18,664	20,032	125,463	12,553	9,387	5,784	2,465
Michigan	48,756	56,483	319,680	36,400	29,138	16,846	6,164
Minnesota	NA	24,809	119,119	18,067	10,741	5,207	2,362
Mississippi	3,326	5,189	NA	2,377	NA	796	512
Missouri	15,241	22,133	102,814	13,879	8,236	3,351	1,770
Montana	2,376	3,276	18,772	3,260	2,634	1,042	494
Nebraska	R4,955	R7,036	33,830	5,497	2,858	1,053	667
Nevada	5,536	8,270	36,592	7,264	4,172	1,440	1,215
New Hampshire	1,136	1,334	7,587	854	657	242	148
New Jersey	35,568	43,438	237,164	22,163	16,149	9,214	4,498
New Mexico	4,973	6,748	34,036	6,379	3,863	1,282	854
New York	67,778	75,521	450,815	43,444	33,321	20,336	10,033
North Carolina	13,029	16,311	NA	7,028	6,342	2,814	1,121
North Dakota	1,524	1,977	10,606	1,713	1,069	513	200
Ohio	44,070	54,170	289,683	31,154	22,384	12,359	4,741
Oklahoma	7,858	12,390	59,144	9,298	5,669	1,805	1,235
Oregon	4,943	7,032	37,930	7,090	5,854	1,804	1,217
Pennsylvania	38,599	46,310	242,098	24,976	18,582	11,789	4,892
Rhode Island	2,876	3,421	19,522	1,903	1,591	1,038	385
South Carolina	5,676	6,854	27,171	2,982	2,345	1,020	542
South Dakota	R1,791	R2,322	11,638	1,996	1,162	473	226
Tennessee	12,051	16,024	67,951	7,765	4,847	1,982	1,163
Texas	29,933	40,886	199,288	24,772	9,793	5,934	5,116
Utah	9,010	12,761	58,177	12,265	8,290	2,002	1,320
Vermont	541	576	3,754	393	288	164	79
Virginia	14,368	17,223	83,512	7,966	6,309	3,395	1,913
Washington	9,280	12,936	71,577	12,813	10,711	4,019	2,519
West Virginia	4,215	5,340	24,975	2,485	2,132	1,242	387
Wisconsin	19,769	24,782	126,685	16,428	11,070	6,080	2,498
Wyoming	1,493	1,902	11,942	2,262	1,468	415	313
Total	**R698,098**	**R889,118**	**4,616,391**	**589,702**	**404,305**	**201,361**	**108,151**

See footnotes at end of table.

Table 14

Table 14. Natural gas deliveries to residential consumers, by state, 2014-2016
(million cubic feet) – continued

State	2015 August	July	June	May	April	March	February
Alabama	694	702	743	1,085	1,655	3,769	8,328
Alaska	527	493	583	876	1,464	2,162	2,201
Arizona	971	1,056	1,303	1,805	2,172	3,174	4,239
Arkansas	514	557	622	887	1,547	4,560	7,208
California	17,560	19,107	21,080	27,607	29,895	32,436	41,279
Colorado	2,476	2,725	2,449	7,471	8,785	13,293	16,989
Connecticut	997	1,120	1,368	2,172	4,902	8,998	10,572
Delaware	166	163	181	270	703	1,936	2,363
District of Columbia	240	242	235	418	794	1,876	2,646
Florida	634	833	868	934	809	1,378	2,468
Georgia	3,731	3,662	3,676	4,351	5,576	12,217	26,419
Hawaii	43	45	46	46	54	51	52
Idaho	359	464	510	881	1,699	2,156	2,643
Illinois	7,946	7,939	9,399	13,191	26,656	54,110	85,209
Indiana	2,242	2,234	2,321	3,734	8,689	18,660	29,806
Iowa	1,036	1,171	1,373	2,144	4,045	7,892	13,338
Kansas	1,436	1,146	1,794	1,846	3,177	7,292	11,516
Kentucky	849	858	858	1,294	2,629	6,753	11,475
Louisiana	1,202	1,292	1,286	1,456	1,883	4,332	7,561
Maine	45	46	69	90	264	382	499
Maryland	1,557	1,624	1,755	2,212	4,897	12,763	18,839
Massachusetts	2,442	2,619	3,302	4,328	10,039	20,811	26,022
Michigan	6,026	5,722	6,783	10,815	22,053	43,573	70,188
Minnesota	2,587	2,322	2,467	4,010	8,284	15,206	24,093
Mississippi	428	466	520	625	1,012	2,920	4,686
Missouri	1,873	1,763	1,941	2,703	6,658	17,071	22,239
Montana	377	381	401	902	1,442	1,943	2,602
Nebraska	684	790	939	1,302	2,053	4,090	6,842
Nevada	1,176	1,108	1,467	1,854	2,340	3,347	4,240
New Hampshire	147	146	179	236	576	1,157	1,609
New Jersey	4,422	5,478	6,226	8,987	21,253	41,222	50,521
New Mexico	864	830	1,255	1,615	1,983	3,535	5,153
New York	9,977	10,159	12,853	19,344	38,003	73,498	92,231
North Carolina	NA	1,090	1,195	1,407	2,895	7,595	17,852
North Dakota	147	170	208	452	729	1,293	2,081
Ohio	4,792	5,084	6,174	10,373	22,570	48,388	62,058
Oklahoma	1,222	1,196	1,325	1,928	2,640	6,925	12,740
Oregon	841	860	986	1,734	3,318	3,608	4,252
Pennsylvania	4,143	4,230	5,696	7,776	19,206	38,715	52,881
Rhode Island	397	430	484	565	1,386	3,206	4,039
South Carolina	521	496	490	679	1,130	3,144	6,979
South Dakota	221	188	275	503	775	1,345	2,140
Tennessee	1,028	1,032	1,204	1,606	3,169	9,156	18,173
Texas	4,587	6,189	6,053	6,545	10,724	33,516	35,341
Utah	1,545	1,623	1,945	3,109	4,485	5,078	6,406
Vermont	73	87	105	152	359	598	745
Virginia	1,442	1,491	1,612	2,176	4,642	13,287	20,387
Washington	1,649	1,651	1,963	3,292	5,830	7,431	8,054
West Virginia	339	244	419	672	1,640	4,590	5,673
Wisconsin	2,308	2,475	2,478	4,546	9,467	16,194	27,467
Wyoming	205	250	408	746	919	1,204	1,590
Total	**102,767**	**108,049**	**123,873**	**179,752**	**323,875**	**633,836**	**904,934**

See footnotes at end of table.

Table 14. Natural gas deliveries to residential consumers, by state, 2014-2016
(million cubic feet) – continued

State	2015 January	2015 Total	2015 December	2015 November	2015 October	2015 September	2014 August
Alabama	7,770	38,971	5,368	4,453	1,123	715	748
Alaska	2,730	17,734	2,218	2,070	1,768	875	538
Arizona	7,372	32,397	4,891	2,482	1,384	1,123	1,025
Arkansas	7,542	38,127	5,978	2,698	921	719	684
California	60,772	397,489	57,876	34,011	21,140	18,456	18,834
Colorado	22,325	132,106	20,604	18,632	6,921	3,533	2,195
Connecticut	9,760	51,193	6,846	4,670	1,776	1,046	974
Delaware	2,486	11,316	1,644	949	292	158	161
District of Columbia	2,902	14,242	2,117	1,671	550	262	258
Florida	2,484	16,652	2,227	1,853	965	641	729
Georgia	26,033	134,438	18,318	17,286	5,531	3,576	3,539
Hawaii	60	583	50	44	43	43	44
Idaho	4,253	24,616	3,981	3,737	1,334	628	541
Illinois	82,214	479,465	62,983	57,400	22,380	10,591	8,238
Indiana	29,334	156,639	22,394	19,910	7,619	2,925	2,417
Iowa	12,897	76,574	10,609	8,650	3,224	1,510	1,098
Kansas	12,790	71,126	11,330	8,025	2,269	1,274	1,127
Kentucky	11,025	57,589	8,517	6,898	1,856	970	806
Louisiana	8,547	44,392	5,689	3,814	1,686	1,355	1,290
Maine	497	2,357	350	249	105	54	41
Maryland	18,228	90,542	13,257	9,749	3,078	1,788	1,502
Massachusetts	25,709	126,902	16,894	11,289	4,933	2,927	2,411
Michigan	65,972	354,713	46,254	44,020	19,597	8,409	5,627
Minnesota	23,773	146,647	20,929	17,807	7,186	2,982	2,329
Mississippi	5,517	28,358	3,742	2,820	990	560	591
Missouri	21,331	115,512	16,552	12,508	3,865	2,106	1,729
Montana	3,294	21,379	3,267	2,919	1,104	618	362
Nebraska	7,055	42,147	6,587	4,644	1,447	811	730
Nevada	6,969	35,135	5,459	3,016	1,556	1,206	1,168
New Hampshire	1,635	7,755	1,072	795	338	172	138
New Jersey	47,032	247,742	32,458	24,417	8,303	5,091	4,865
New Mexico	6,422	32,370	5,532	3,444	1,275	835	908
New York	87,616	458,313	62,632	45,075	16,260	11,117	9,683
North Carolina	15,899	75,178	12,540	9,724	2,037	1,133	973
North Dakota	2,031	12,505	1,749	1,660	625	273	181
Ohio	59,608	320,568	45,059	31,696	13,581	6,185	4,860
Oklahoma	13,162	69,050	9,210	3,198	1,361	1,161	1,150
Oregon	6,366	41,185	6,418	5,703	1,779	970	894
Pennsylvania	49,212	254,816	37,330	25,074	9,532	4,770	4,251
Rhode Island	4,097	19,724	2,662	2,030	499	473	395
South Carolina	6,844	31,862	5,112	4,219	835	489	476
South Dakota	2,334	14,213	2,197	1,724	718	330	220
Tennessee	16,826	78,385	12,368	8,371	2,308	1,239	1,162
Texas	50,718	234,520	31,730	14,635	6,881	5,951	5,661
Utah	10,109	62,458	9,648	8,191	3,046	1,602	1,298
Vermont	710	3,826	507	349	158	96	79
Virginia	18,892	92,817	14,540	9,971	2,843	1,623	1,533
Washington	11,645	78,750	11,782	11,480	3,689	2,089	1,722
West Virginia	5,151	28,257	3,929	3,249	1,147	517	360
Wisconsin	25,672	150,409	19,411	18,409	7,477	3,365	2,397
Wyoming	2,163	13,269	2,069	1,831	737	386	241
Total	**935,786**	**5,087,314**	**716,885**	**543,521**	**212,073**	**121,731**	**105,183**

See footnotes at end of table.

Table 14

Table 14. Natural gas deliveries to residential consumers, by state, 2014-2016
(million cubic feet) – continued

State	July	June	May	April	March	February	January
							2014
Alabama	763	803	1,344	2,190	4,607	6,516	10,340
Alaska	545	678	800	1,427	2,201	2,443	2,169
Arizona	1,096	1,275	1,750	2,373	3,162	4,853	6,983
Arkansas	648	808	1,265	2,463	5,222	7,527	9,194
California	20,299	21,690	25,224	30,716	38,959	49,235	61,049
Colorado	3,220	3,526	6,319	9,485	15,296	19,396	22,977
Connecticut	1,036	1,311	2,325	4,620	8,035	8,875	9,677
Delaware	137	196	496	825	1,858	2,138	2,463
District of Columbia	249	293	446	893	2,087	2,508	2,908
Florida	709	593	917	1,166	1,920	1,874	3,057
Georgia	3,536	3,616	4,457	7,142	15,227	19,411	32,798
Hawaii	48	48	49	53	50	53	57
Idaho	552	617	870	1,787	2,643	3,469	4,456
Illinois	8,857	9,640	16,225	30,870	66,611	84,515	101,155
Indiana	2,243	1,996	4,250	7,911	22,950	27,362	34,662
Iowa	1,192	1,447	2,853	5,244	10,692	13,717	16,339
Kansas	1,190	1,285	2,055	4,506	9,659	13,170	15,234
Kentucky	779	904	1,563	3,189	7,890	10,590	13,626
Louisiana	1,223	1,259	1,967	2,568	5,466	7,336	10,738
Maine	41	55	112	206	363	361	421
Maryland	1,599	1,724	3,588	5,748	13,669	15,335	19,505
Massachusetts	2,618	2,815	6,548	12,741	19,893	19,678	24,156
Michigan	6,334	6,373	11,987	23,659	51,772	58,850	71,831
Minnesota	2,068	2,241	5,522	10,881	19,467	25,539	29,694
Mississippi	608	629	880	1,829	3,761	5,308	6,640
Missouri	1,891	2,007	3,221	8,183	16,125	21,410	25,916
Montana	360	544	921	1,642	2,700	3,633	3,307
Nebraska	791	938	1,713	2,959	5,589	7,612	8,326
Nevada	1,257	1,438	1,824	2,585	3,533	5,205	6,886
New Hampshire	142	217	454	535	1,207	1,210	1,476
New Jersey	5,388	6,079	9,581	18,446	38,911	44,067	50,138
New Mexico	935	1,043	1,507	2,292	3,519	4,763	6,316
New York	10,686	12,363	26,165	38,643	70,836	74,901	79,952
North Carolina	1,120	934	1,320	3,272	11,130	11,969	19,026
North Dakota	183	248	506	1,007	1,662	2,152	2,260
Ohio	5,156	6,255	10,181	19,967	48,571	58,508	70,548
Oklahoma	1,243	1,540	2,558	6,476	11,579	14,744	14,830
Oregon	979	1,213	1,459	3,197	4,412	6,749	7,412
Pennsylvania	4,150	5,014	8,707	17,444	39,581	45,671	53,292
Rhode Island	427	583	667	2,332	2,946	3,047	3,664
South Carolina	453	471	675	1,578	4,481	4,988	8,085
South Dakota	193	286	545	1,001	1,862	2,414	2,722
Tennessee	1,152	1,190	1,868	4,088	10,221	14,671	19,747
Texas	6,188	6,977	8,855	15,627	30,199	45,335	56,481
Utah	1,746	2,241	3,941	4,143	7,302	7,635	11,664
Vermont	82	96	175	354	617	608	706
Virginia	1,488	1,698	2,489	5,389	14,439	16,176	20,627
Washington	1,916	2,360	3,390	5,843	8,911	12,665	12,903
West Virginia	360	466	913	1,972	4,484	4,950	5,909
Wisconsin	2,642	3,251	5,305	11,561	20,074	25,727	30,789
Wyoming	262	314	699	1,101	1,552	2,032	2,045
Total	**112,781**	**125,592**	**203,450**	**356,134**	**699,902**	**852,905**	**1,037,156**

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

Table 15. Natural gas deliveries to commercial consumers, by state, 2014-2016

(million cubic feet)

State	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	2016 June	May	April	March
Alabama	13,665	14,930	15,644	1,257	1,251	1,505	1,836
Alaska	8,215	9,999	9,516	664	R825	R1,200	1,664
Arizona	17,273	16,349	16,752	1,919	2,177	2,476	2,790
Arkansas	24,388	27,201	29,027	2,528	2,836	3,098	4,179
California	117,761	118,199	121,766	15,903	16,382	17,119	20,427
Colorado	32,335	NA	33,468	1,834	3,232	4,593	6,170
Connecticut	28,704	33,594	30,858	2,187	2,929	3,868	5,285
Delaware	6,937	6,919	7,093	535	695	934	1,113
District of Columbia	8,863	9,626	10,301	623	854	1,190	1,264
Florida	34,717	NA	32,593	4,818	5,145	5,405	5,904
Georgia	30,391	33,687	34,324	2,064	2,448	3,215	4,397
Hawaii	939	974	986	154	151	162	157
Idaho	9,058	8,416	9,282	653	851	992	1,705
Illinois	120,589	135,251	150,138	7,250	9,712	15,810	21,363
Indiana	43,426	51,125	55,560	2,219	3,335	5,235	6,588
Iowa	27,761	29,945	34,789	1,568	2,066	3,435	4,879
Kansas	NA	18,972	20,996	1,539	NA	NA	2,266
Kentucky	19,807	22,659	24,593	1,042	1,536	1,816	3,217
Louisiana	15,898	16,691	16,966	1,882	2,187	2,216	2,331
Maine	5,212	6,237	5,551	317	493	789	1,048
Maryland	39,786	43,431	43,998	3,167	4,057	5,381	6,357
Massachusetts	56,061	67,304	64,257	3,616	5,401	8,352	10,090
Michigan	98,911	115,196	118,050	5,535	8,752	14,644	18,839
Minnesota	55,318	59,493	68,971	2,740	4,049	7,163	10,297
Mississippi	10,056	11,238	13,140	963	1,205	1,031	1,451
Missouri	33,456	41,984	45,446	2,064	2,733	3,325	5,318
Montana	11,373	NA	12,487	778	1,157	1,487	2,271
Nebraska	15,433	17,159	19,059	1,019	R1,326	R1,754	R2,543
Nevada	16,742	15,569	15,993	1,760	2,155	2,390	2,766
New Hampshire	5,286	6,430	6,004	255	398	738	991
New Jersey	88,637	NA	118,033	8,184	9,176	11,497	15,734
New Mexico	13,296	13,703	13,010	1,086	1,333	1,644	2,286
New York	170,575	195,805	191,330	14,939	16,859	23,632	27,747
North Carolina	32,253	NA	34,518	2,611	2,910	3,925	4,445
North Dakota	6,702	7,722	8,439	300	426	983	1,203
Ohio	90,887	116,882	116,765	4,160	6,639	12,054	14,886
Oklahoma	21,667	25,278	33,224	1,556	2,081	2,202	3,417
Oregon	14,856	14,067	16,345	1,093	1,438	1,839	2,973
Pennsylvania	86,591	103,868	97,379	4,967	6,957	11,037	13,695
Rhode Island	6,830	8,247	8,794	237	559	991	1,264
South Carolina	13,516	13,975	14,105	1,277	1,420	2,001	1,878
South Dakota	6,127	6,301	7,338	310	R495	R842	R1,081
Tennessee	29,896	34,492	33,864	2,034	2,654	2,986	4,373
Texas	NA	103,369	107,685	NA	10,597	13,166	14,719
Utah	22,289	18,971	22,263	1,128	2,010	2,773	3,971
Vermont	NA	3,288	2,704	306	286	NA	516
Virginia	38,961	41,964	41,488	3,170	3,550	5,140	6,285
Washington	27,096	26,002	30,329	2,446	2,834	3,100	5,510
West Virginia	12,797	14,116	14,269	984	1,209	1,632	2,308
Wisconsin	52,495	58,467	65,830	3,134	4,535	7,139	9,179
Wyoming	NA	6,942	6,871	354	811	1,092	NA
Total	**1,764,227**	**1,971,347**	**2,052,189**	**138,515**	**R170,786**	**R233,714**	**R298,422**

See footnotes at end of table.

Table 15

Table 15. Natural gas deliveries to commercial consumers, by state, 2014-2016
(million cubic feet) – continued

State	2016 February	2016 January	2015 Total	2015 December	2015 November	2015 October	2015 September
Alabama	3,179	4,637	24,519	2,366	2,317	1,513	1,174
Alaska	R1,752	R2,110	18,468	2,469	2,028	1,393	1,202
Arizona	3,426	4,486	30,537	4,130	3,014	1,918	1,714
Arkansas	5,525	6,222	46,160	4,724	3,863	3,048	2,571
California	21,340	26,589	238,477	29,820	26,389	16,321	15,250
Colorado	7,255	9,251	NA	9,397	6,789	2,859	1,694
Connecticut	7,033	7,402	53,378	5,038	4,122	3,155	2,577
Delaware	1,658	2,003	11,189	1,177	1,065	812	432
District of Columbia	2,405	2,528	15,793	1,487	1,443	1,135	736
Florida	6,427	7,017	NA	5,660	5,214	5,003	4,441
Georgia	7,942	10,325	53,581	5,185	4,695	3,159	2,417
Hawaii	155	159	1,908	167	148	152	153
Idaho	2,076	2,781	16,171	2,719	2,068	1,066	694
Illinois	30,543	35,911	212,321	24,179	17,863	12,312	R7,981
Indiana	11,554	14,495	78,491	8,381	6,409	4,720	2,784
Iowa	7,041	8,771	NA	6,246	NA	3,156	1,716
Kansas	4,247	5,913	32,801	4,240	2,599	1,940	1,682
Kentucky	5,481	6,714	34,308	3,570	2,925	1,709	1,154
Louisiana	2,881	4,401	30,656	2,970	2,789	2,286	2,214
Maine	1,199	1,367	9,795	961	779	569	415
Maryland	9,460	11,365	69,307	6,571	5,844	4,663	2,932
Massachusetts	13,347	15,256	105,809	10,044	9,210	7,399	4,066
Michigan	24,816	26,326	172,156	18,235	13,375	9,388	5,306
Minnesota	14,811	16,259	93,865	12,550	8,381	5,206	2,786
Mississippi	2,233	3,173	NA	1,725	NA	1,277	NA
Missouri	8,878	11,138	65,595	7,823	5,631	3,585	2,254
Montana	2,434	3,244	NA	3,107	2,508	1,158	689
Nebraska	R3,780	R5,010	28,474	3,974	2,619	1,558	932
Nevada	3,370	4,301	29,614	4,015	3,091	1,970	1,662
New Hampshire	1,320	1,584	9,327	1,017	823	377	232
New Jersey	20,511	23,535	NA	13,623	11,186	NA	NA
New Mexico	2,895	4,052	26,262	4,321	3,294	1,689	1,106
New York	40,286	47,112	309,481	28,536	24,042	18,646	13,736
North Carolina	8,034	10,328	NA	NA	5,548	4,282	3,004
North Dakota	1,649	2,141	12,334	1,808	1,214	667	321
Ohio	23,431	29,716	169,515	16,455	12,881	9,220	4,535
Oklahoma	5,031	7,380	41,025	5,503	3,672	1,984	1,563
Oregon	3,194	4,319	26,502	4,307	3,444	1,552	1,217
Pennsylvania	22,317	27,618	156,887	15,188	13,175	10,093	5,319
Rhode Island	1,770	2,008	11,734	1,106	1,007	624	244
South Carolina	3,035	3,904	23,947	1,907	2,136	1,827	1,380
South Dakota	R1,431	R1,968	10,497	1,564	1,127	571	315
Tennessee	7,613	10,237	53,995	5,273	4,707	3,080	2,259
Texas	19,794	22,844	175,479	18,732	13,582	10,313	9,558
Utah	5,319	7,089	35,552	6,881	4,732	1,474	1,170
Vermont	714	899	5,949	586	557	522	336
Virginia	9,235	11,580	67,597	6,065	6,019	4,647	3,658
Washington	5,823	7,383	50,048	7,399	6,577	3,462	2,709
West Virginia	3,015	3,648	22,584	2,034	1,923	1,547	1,107
Wisconsin	13,091	15,417	90,195	10,352	7,776	4,985	2,867
Wyoming	1,375	1,744	12,498	2,273	1,585	537	478
Total	**R417,130**	**R505,661**	**R3,209,466**	**352,435**	**283,269**	**193,438**	**R138,799**

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2014-2016
(million cubic feet) – continued

State	August	July	June	May	April	March	February
							2015
Alabama	1,131	1,088	1,095	1,383	1,413	2,099	4,589
Alaska	717	661	574	1,147	1,547	2,267	1,991
Arizona	1,654	1,758	1,878	2,204	2,422	2,785	3,082
Arkansas	2,444	2,308	2,327	2,578	3,109	5,233	6,849
California	16,537	15,962	16,329	19,348	18,286	19,108	19,822
Colorado	1,456	1,568	NA	3,790	3,978	5,603	7,257
Connecticut	2,512	2,379	2,295	2,676	4,556	7,504	8,479
Delaware	409	375	410	403	735	1,435	2,000
District of Columbia	711	657	757	669	932	2,015	2,444
Florida	4,651	4,734	NA	4,827	5,078	5,705	6,418
Georgia	2,274	2,164	2,091	2,619	3,367	5,451	10,075
Hawaii	156	159	154	151	168	165	157
Idaho	583	625	662	822	1,194	1,428	1,711
Illinois	7,573	7,162	7,196	9,077	14,774	26,946	38,920
Indiana	2,749	2,324	2,324	2,744	5,128	10,020	15,495
Iowa	1,468	1,567	1,770	2,088	3,099	5,590	8,934
Kansas	1,877	1,492	1,444	1,503	2,084	3,322	5,086
Kentucky	1,152	1,139	1,075	1,336	1,924	4,151	7,227
Louisiana	1,902	1,804	1,903	1,938	2,072	2,601	3,807
Maine	425	409	393	371	943	1,341	1,590
Maryland	2,967	2,900	2,812	2,982	4,904	9,459	11,694
Massachusetts	3,873	3,912	4,050	4,432	7,706	14,526	18,246
Michigan	5,500	5,155	5,553	7,509	13,801	24,537	32,477
Minnesota	2,910	2,540	2,633	4,006	6,661	11,504	18,066
Mississippi	1,024	785	865	973	1,107	2,102	2,944
Missouri	2,299	2,021	1,960	2,526	4,609	9,255	12,336
Montana	584	597	579	981	NA	2,062	2,597
Nebraska	1,010	1,223	1,239	1,412	1,892	3,025	4,743
Nevada	1,709	1,598	1,807	2,079	2,393	2,622	2,881
New Hampshire	226	221	265	298	652	1,410	1,893
New Jersey	8,431	7,486	6,652	NA	15,304	22,606	28,320
New Mexico	1,121	1,029	1,262	1,423	1,568	2,206	3,216
New York	14,539	14,178	12,774	16,052	22,945	41,014	51,726
North Carolina	NA	2,535	2,945	2,524	3,558	NA	10,516
North Dakota	294	308	313	581	834	1,494	2,232
Ohio	4,790	4,753	5,281	6,787	13,080	24,578	33,875
Oklahoma	1,530	1,495	1,506	1,896	2,295	4,659	7,276
Oregon	948	968	1,008	1,594	2,270	2,457	2,859
Pennsylvania	4,751	4,493	5,524	5,902	11,865	21,688	30,468
Rhode Island	249	258	301	378	849	1,901	2,416
South Carolina	1,399	1,324	1,307	1,526	1,624	2,167	3,715
South Dakota	314	304	323	496	665	1,090	1,792
Tennessee	2,125	2,060	2,169	2,493	3,028	5,711	10,982
Texas	9,295	10,630	10,517	10,175	12,856	21,197	22,067
Utah	1,157	1,168	1,371	2,144	2,994	2,971	3,934
Vermont	318	342	325	205	372	678	814
Virginia	2,587	2,656	2,585	2,751	3,927	8,418	12,447
Washington	1,902	1,996	2,287	2,727	4,150	4,751	5,213
West Virginia	876	981	796	1,104	1,703	3,113	3,787
Wisconsin	2,964	2,782	2,842	3,795	6,582	11,829	16,785
Wyoming	283	401	438	872	923	1,135	1,752
Total	**136,745**	**133,433**	**135,365**	**161,611**	**235,328**	**386,892**	**520,003**

See footnotes at end of table.

Table 15

Table 15. Natural gas deliveries to commercial consumers, by state, 2014-2016
(million cubic feet) – continued

	2015						2014
State	January	Total	December	November	October	September	August
Alabama	4,350	27,515	3,123	3,443	1,787	1,145	1,185
Alaska	2,472	17,925	2,307	1,932	1,662	1,081	758
Arizona	3,979	30,456	3,589	2,749	1,968	1,806	1,750
Arkansas	7,105	50,673	5,942	4,261	3,401	2,883	2,574
California	25,306	237,675	25,591	21,710	17,355	17,313	17,141
Colorado	9,189	58,008	8,844	7,587	3,118	1,862	1,361
Connecticut	8,085	51,221	6,252	4,719	2,785	2,246	2,204
Delaware	1,937	11,882	1,548	1,347	711	421	410
District of Columbia	2,809	17,498	2,242	1,747	1,007	745	752
Florida	6,664	62,646	5,995	5,682	4,843	4,587	4,409
Georgia	10,084	59,039	7,598	7,293	3,021	2,219	2,233
Hawaii	179	1,931	165	150	158	154	153
Idaho	2,598	16,963	2,472	2,107	1,038	777	660
Illinois	38,338	246,273	29,259	27,746	14,788	8,922	7,632
Indiana	15,414	90,915	11,472	10,520	5,183	3,216	2,449
Iowa	8,464	57,438	7,117	7,303	3,449	1,724	1,475
Kansas	5,533	36,512	4,981	4,168	2,072	1,509	1,408
Kentucky	6,946	40,033	5,419	4,509	1,968	1,343	1,121
Louisiana	4,371	31,209	3,300	3,301	2,227	1,844	1,845
Maine	1,599	9,030	1,144	930	492	314	264
Maryland	11,580	74,843	9,099	7,736	4,436	3,228	3,303
Massachusetts	18,342	105,801	12,458	11,187	6,331	4,179	3,790
Michigan	31,320	186,413	23,128	19,200	9,681	5,871	4,894
Minnesota	16,623	110,905	15,202	12,708	5,817	3,102	2,755
Mississippi	3,247	22,195	2,574	2,033	1,488	1,033	956
Missouri	11,297	72,919	9,199	7,349	3,835	2,556	2,268
Montana	3,257	21,549	3,145	2,849	1,154	793	580
Nebraska	4,847	32,407	4,419	3,608	1,773	1,222	1,166
Nevada	3,788	29,105	3,459	2,598	2,009	1,714	1,611
New Hampshire	1,913	9,412	1,233	996	481	260	224
New Jersey	28,320	202,201	24,505	19,687	11,427	9,818	9,136
New Mexico	4,027	25,688	3,989	3,555	1,651	1,060	1,224
New York	51,294	320,168	37,830	31,373	17,824	14,941	13,881
North Carolina	9,506	59,945	7,192	6,594	3,474	2,779	2,602
North Dakota	2,268	13,999	1,932	1,832	763	419	296
Ohio	33,282	183,105	23,759	17,953	9,491	5,640	4,697
Oklahoma	7,646	46,986	5,372	2,263	1,603	1,474	1,544
Oregon	3,878	28,377	4,047	3,343	1,538	1,083	1,066
Pennsylvania	28,422	159,636	21,355	17,723	8,889	5,044	4,753
Rhode Island	2,402	13,178	1,690	1,336	484	328	281
South Carolina	3,635	25,380	2,787	2,998	1,685	1,284	1,266
South Dakota	1,934	12,310	1,630	1,649	633	420	328
Tennessee	10,108	57,427	7,590	6,110	3,370	2,244	2,144
Texas	26,556	184,908	20,365	14,388	11,298	10,330	10,099
Utah	5,557	38,156	5,611	4,741	2,117	1,227	940
Vermont	894	4,830	666	479	300	239	223
Virginia	11,836	72,164	9,184	8,722	4,212	3,178	2,802
Washington	6,874	54,457	7,023	6,923	3,523	2,385	2,112
West Virginia	3,614	24,101	2,778	2,447	1,470	1,086	1,035
Wisconsin	16,635	107,003	13,482	12,402	5,795	3,398	2,979
Wyoming	1,822	12,188	1,732	1,581	789	477	389
Total	**532,148**	**3,466,600**	**426,794**	**361,567**	**202,376**	**148,924**	**137,132**

See footnotes at end of table.

Table 15. Natural gas deliveries to commercial consumers, by state, 2014-2016
(million cubic feet) – continued

State	July	June	May	April	March	February	January
							2014
Alabama	1,188	1,131	1,495	1,591	2,832	3,314	5,279
Alaska	667	829	902	1,451	2,030	2,249	2,055
Arizona	1,843	1,931	2,260	2,546	2,866	3,234	3,915
Arkansas	2,585	2,577	2,864	3,673	5,521	6,637	7,755
California	16,799	16,551	17,418	17,614	20,512	23,504	26,168
Colorado	1,767	1,937	2,932	4,234	6,357	8,402	9,605
Connecticut	2,158	2,221	2,589	4,206	6,849	7,530	7,462
Delaware	352	412	615	740	1,502	1,696	2,128
District of Columbia	703	744	877	1,224	2,325	2,169	2,961
Florida	4,537	4,568	4,741	5,323	5,747	5,605	6,609
Georgia	2,350	2,222	2,518	3,544	6,379	7,644	12,016
Hawaii	164	162	158	168	159	161	177
Idaho	627	661	766	1,216	1,715	2,185	2,739
Illinois	7,789	7,965	10,946	16,462	30,968	38,151	45,646
Indiana	2,514	2,360	3,368	5,827	10,893	15,117	17,995
Iowa	1,580	1,700	2,396	3,850	7,134	9,232	10,477
Kansas	1,378	1,189	1,447	2,298	4,259	5,525	6,279
Kentucky	1,078	1,081	1,392	2,223	5,060	6,526	8,312
Louisiana	1,727	1,706	2,141	2,109	3,194	3,288	4,529
Maine	335	357	466	715	1,296	1,247	1,468
Maryland	3,043	2,862	3,690	5,278	9,792	10,237	12,140
Massachusetts	3,600	3,456	6,139	9,986	13,503	14,772	16,401
Michigan	5,589	5,304	8,664	14,841	26,042	30,115	33,083
Minnesota	2,350	2,862	4,546	9,087	14,955	18,239	19,281
Mississippi	972	950	1,065	1,571	2,572	3,174	3,807
Missouri	2,267	2,190	2,733	5,112	9,208	13,070	13,133
Montana	542	671	959	1,562	2,715	3,468	3,113
Nebraska	1,161	1,101	1,557	2,280	3,859	4,818	5,443
Nevada	1,722	1,753	2,061	2,375	2,674	3,169	3,961
New Hampshire	215	292	582	658	1,409	1,372	1,691
New Jersey	9,596	9,819	12,207	14,060	24,277	27,541	30,128
New Mexico	1,200	1,118	1,324	1,702	2,428	2,702	3,736
New York	12,988	14,274	18,591	25,033	41,932	43,304	48,196
North Carolina	2,785	2,826	3,196	3,247	7,155	7,128	10,966
North Dakota	319	354	685	970	1,826	2,258	2,345
Ohio	4,799	5,269	6,482	10,918	26,332	30,959	36,807
Oklahoma	1,507	1,742	2,461	5,337	7,093	8,370	8,220
Oregon	956	1,201	1,237	2,177	2,920	4,098	4,711
Pennsylvania	4,492	4,759	5,684	9,996	21,946	24,813	30,181
Rhode Island	265	442	485	1,622	1,914	1,967	2,364
South Carolina	1,254	1,285	1,411	1,618	2,929	2,782	4,079
South Dakota	312	361	519	881	1,521	1,916	2,139
Tennessee	2,105	2,029	2,175	3,200	6,577	8,313	11,569
Texas	10,743	10,733	11,280	14,780	19,205	24,160	27,526
Utah	1,257	1,586	2,538	2,532	4,397	4,485	6,726
Vermont	218	199	259	393	575	551	727
Virginia	2,578	2,806	2,904	4,270	9,259	9,723	12,526
Washington	2,162	2,427	2,774	3,942	5,900	7,396	7,891
West Virginia	1,015	786	1,269	1,643	3,199	3,585	3,787
Wisconsin	3,117	3,333	4,324	7,965	13,915	16,512	19,782
Wyoming	349	365	670	1,001	1,337	1,737	1,762
Total	**137,618**	**141,459**	**176,762**	**251,054**	**420,968**	**490,152**	**571,795**

[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

Table 16. Natural gas deliveries to industrial consumers, by state, 2014-2016

(million cubic feet)

State	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	2016 June	May	April	March
Alabama	99,834	94,194	94,595	15,245	16,730	15,853	16,683
Alaska	1,767	2,554	2,042	363	R261	R183	237
Arizona	10,197	10,246	11,406	1,537	1,584	1,570	1,701
Arkansas	40,688	44,426	44,551	5,975	6,363	6,457	6,885
California	373,627	376,811	376,525	62,742	63,299	61,587	62,711
Colorado	42,129	41,007	41,598	4,995	6,148	6,629	7,546
Connecticut	12,800	14,451	15,999	1,632	1,746	1,958	2,082
Delaware	15,447	17,062	15,149	2,335	2,643	2,464	2,666
District of Columbia	0	0	0	0	0	0	0
Florida	53,075	49,848	48,942	7,721	8,696	9,176	9,232
Georgia	78,058	79,101	80,750	11,822	12,601	12,314	13,357
Hawaii	262	210	190	41	47	42	41
Idaho[a]	17,261	14,882	14,721	2,137	2,463	2,494	3,186
Illinois	NA	139,761	153,243	NA	19,731	21,279	24,050
Indiana	196,889	197,728	191,703	29,078	31,268	31,505	33,898
Iowa	89,109	89,127	87,296	14,144	14,096	13,370	15,476
Kansas	54,266	NA	60,116	8,463	8,618	7,933	8,667
Kentucky	60,004	61,640	59,380	8,167	9,162	9,437	10,341
Louisiana	509,640	464,261	483,904	83,727	86,379	84,016	86,520
Maine	NA	NA	12,760	NA	NA	NA	NA
Maryland	NA	7,670	7,432	NA	1,168	1,228	1,504
Massachusetts	25,030	27,901	27,012	2,792	3,114	4,080	4,491
Michigan	93,815	NA	99,473	11,673	12,371	14,957	16,842
Minnesota	NA	NA	86,030	11,592	11,598	NA	17,508
Mississippi	59,189	60,542	57,052	9,823	9,758	9,631	9,079
Missouri	34,914	35,082	35,545	4,549	5,119	5,241	6,004
Montana	NA	10,701	10,946	NA	1,716	NA	NA
Nebraska	NA	40,303	41,972	NA	6,348	R6,518	R6,710
Nevada	7,811	NA	6,818	1,224	1,272	1,313	1,352
New Hampshire	NA	NA	4,509	NA	NA	NA	NA
New Jersey	28,717	30,393	31,574	4,430	4,205	4,635	4,310
New Mexico	NA	9,124	9,859	NA	NA	NA	1,380
New York	NA	46,515	46,706	NA	NA	7,511	7,864
North Carolina	54,582	54,109	55,371	7,677	8,449	8,647	9,214
North Dakota	15,077	15,803	15,545	2,726	2,752	2,051	2,617
Ohio	149,324	155,160	159,326	20,194	21,942	23,410	25,455
Oklahoma	98,475	92,701	98,033	15,608	17,233	16,267	16,356
Oregon	28,622	28,197	29,470	4,214	4,515	4,543	4,991
Pennsylvania	130,570	128,214	123,092	19,280	20,216	21,209	22,659
Rhode Island	4,369	4,580	4,015	660	691	728	760
South Carolina	43,872	41,743	41,405	6,920	7,354	7,163	7,441
South Dakota	22,119	22,897	22,482	3,374	R3,465	3,584	3,718
Tennessee	61,772	60,129	59,678	9,468	9,341	9,522	10,127
Texas	802,567	774,340	786,396	129,216	129,482	127,708	138,685
Utah	20,426	19,615	20,689	3,066	3,104	3,605	3,409
Vermont	1,137	1,028	948	151	167	192	204
Virginia	NA	NA	41,141	NA	NA	NA	8,008
Washington	39,086	38,506	39,762	5,718	5,746	6,298	6,598
West Virginia	15,165	13,813	14,738	2,489	2,163	2,321	2,607
Wisconsin	NA	73,323	75,116	NA	NA	11,800	12,910
Wyoming	NA	24,200	23,720	4,251	4,614	NA	NA
Total	**3,886,443**	**3,810,707**	**3,870,725**	**592,975**	**R617,626**	**R621,099**	**R667,341**

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2014-2016
(million cubic feet) – continued

State	2016 February	2016 January	2015 Total	2015 December	2015 November	2015 October	2015 September
Alabama	16,519	18,803	186,213	15,670	15,100	15,292	14,897
Alaska	243	R479	4,863	422	381	369	345
Arizona	1,785	2,020	19,991	1,988	1,844	1,572	1,417
Arkansas	7,184	7,825	84,464	7,148	7,098	6,790	6,286
California	58,941	64,347	780,616	67,213	63,799	64,699	66,196
Colorado	7,704	9,107	78,174	8,931	7,640	5,823	4,790
Connecticut	2,565	2,817	25,943	2,222	2,035	1,916	1,734
Delaware	2,517	2,821	33,127	3,040	2,682	2,590	2,448
District of Columbia	0	0	0	0	0	0	0
Florida	8,746	9,502	96,970	8,933	7,774	7,997	7,385
Georgia	13,726	14,237	157,407	13,391	13,291	13,714	12,244
Hawaii	44	47	442	36	36	43	37
Idaho[a]	3,335	3,647	31,705	3,403	3,315	3,032	2,564
Illinois	26,493	28,674	R264,969	R24,416	R23,641	R20,297	R18,657
Indiana	34,155	36,985	373,191	33,462	29,980	28,848	26,713
Iowa	15,443	16,580	174,269	15,399	14,751	14,826	13,086
Kansas	9,114	11,471	NA	11,086	8,919	8,738	7,725
Kentucky	10,897	12,001	115,916	9,943	9,759	8,840	8,464
Louisiana	80,361	88,637	943,092	84,654	81,082	79,048	77,356
Maine	NA	NA	NA	NA	NA	NA	NA
Maryland	1,411	1,305	14,635	1,302	1,266	1,242	1,131
Massachusetts	5,065	5,486	46,186	4,110	4,108	3,055	2,507
Michigan	18,519	19,453	NA	15,847	14,366	13,570	11,698
Minnesota	NA	NA	NA	NA	13,605	13,280	11,305
Mississippi	10,099	10,798	122,183	10,524	10,334	11,304	9,911
Missouri	7,130	6,871	65,349	6,125	5,585	4,939	4,527
Montana	1,911	2,128	NA	2,173	2,004	1,873	1,709
Nebraska	R6,686	R6,919	82,326	6,885	7,553	7,056	6,257
Nevada	1,253	1,397	NA	1,200	1,233	1,196	NA
New Hampshire	NA	856	NA	NA	NA	NA	NA
New Jersey	4,901	6,236	55,912	4,249	4,616	4,331	4,115
New Mexico	1,461	1,730	17,961	1,575	1,616	1,479	1,348
New York	8,294	8,144	82,581	6,662	6,620	6,203	5,562
North Carolina	10,075	10,520	105,096	9,049	8,911	9,044	7,974
North Dakota	2,227	2,703	30,958	2,324	2,885	2,883	2,646
Ohio	27,882	30,442	279,963	23,708	22,796	20,416	18,786
Oklahoma	15,333	17,678	184,208	17,899	17,169	15,864	14,945
Oregon	4,856	5,503	54,931	5,261	4,834	4,375	4,085
Pennsylvania	23,498	23,708	239,605	20,699	19,211	18,923	17,221
Rhode Island	799	730	8,751	750	704	683	694
South Carolina	7,191	7,803	84,172	7,873	7,342	7,238	6,616
South Dakota	3,866	4,111	44,683	3,907	3,849	3,452	3,469
Tennessee	11,147	12,165	114,351	9,813	9,248	9,162	8,683
Texas	132,333	145,142	1,567,917	141,897	134,340	128,958	125,076
Utah	3,634	3,608	37,639	3,612	3,120	2,969	2,757
Vermont	204	220	2,040	188	178	188	150
Virginia	7,756	NA	NA	7,259	7,582	7,701	6,116
Washington	6,785	7,941	76,607	7,449	6,948	6,680	5,921
West Virginia	2,743	2,842	NA	NA	2,014	1,849	1,677
Wisconsin	14,197	15,948	136,264	12,859	12,289	10,742	9,103
Wyoming	4,588	4,820	48,516	4,575	4,284	3,987	3,720
Total	**R664,554**	**R722,847**	**R7,488,814**	**R669,230**	**R635,724**	**R611,105**	**R575,199**

See footnotes at end of table.

Table 16

Table 16. Natural gas deliveries to industrial consumers, by state, 2014-2016
(million cubic feet) – continued

State	2015 August	July	June	May	April	March	February
Alabama	15,311	15,749	14,619	15,463	14,146	15,920	16,256
Alaska	402	390	376	397	395	439	450
Arizona	1,457	1,468	1,481	1,611	1,626	1,793	1,661
Arkansas	6,370	6,345	6,360	6,728	7,046	7,820	8,105
California	71,776	70,121	62,828	63,828	63,395	62,368	57,625
Colorado	4,987	4,997	4,879	5,981	6,064	7,143	8,041
Connecticut	1,826	1,758	1,755	1,839	2,108	2,973	2,762
Delaware	2,636	2,669	2,561	2,819	3,037	3,171	2,494
District of Columbia	0	0	0	0	0	0	0
Florida	7,362	7,672	7,639	8,135	8,065	8,637	8,491
Georgia	12,710	12,955	12,707	13,065	11,975	13,498	13,137
Hawaii	41	38	44	31	32	37	28
Idaho[a]	2,415	2,094	2,362	2,601	2,325	2,422	2,561
Illinois	R18,652	R19,545	R18,142	R19,701	R20,544	R24,578	R27,688
Indiana	28,167	28,293	27,563	29,642	29,102	36,074	37,381
Iowa	13,635	13,445	13,279	14,066	13,551	15,150	16,156
Kansas	9,693	11,127	7,423	NA	NA	NA	9,907
Kentucky	8,791	8,478	8,564	8,722	9,643	11,391	11,368
Louisiana	80,078	76,614	75,182	79,449	75,628	76,371	74,447
Maine	NA	NA	NA	NA	NA	NA	NA
Maryland	906	1,118	1,159	1,131	1,126	1,340	1,342
Massachusetts	2,286	2,219	2,207	3,139	4,371	6,000	6,379
Michigan	11,437	11,349	10,889	NA	15,668	18,046	19,500
Minnesota	10,272	10,321	10,666	11,077	13,289	NA	15,293
Mississippi	9,838	9,730	9,907	9,655	9,630	10,002	10,341
Missouri	4,376	4,716	4,605	4,632	5,088	6,697	7,017
Montana	NA	1,438	1,550	1,667	1,666	1,787	1,857
Nebraska	6,832	7,440	6,209	6,534	6,370	6,148	7,417
Nevada	NA	1,165	NA	NA	NA	NA	1,125
New Hampshire	NA	NA	NA	NA	NA	NA	836
New Jersey	3,952	4,256	4,209	4,192	4,630	5,358	5,607
New Mexico	1,437	1,382	1,232	1,553	1,601	1,633	1,526
New York	5,770	5,249	5,333	5,738	7,291	9,455	9,373
North Carolina	8,154	7,854	7,793	8,131	8,545	9,856	9,374
North Dakota	2,463	1,954	2,397	2,773	2,455	2,875	2,627
Ohio	19,354	19,742	19,691	20,724	23,130	28,622	31,244
Oklahoma	13,402	12,227	12,748	15,882	15,143	15,889	15,178
Oregon	4,163	4,016	4,195	4,411	4,787	4,820	4,649
Pennsylvania	17,360	17,977	18,005	19,139	19,938	24,019	23,491
Rhode Island	681	658	673	709	858	769	836
South Carolina	6,718	6,642	6,645	6,835	7,063	7,584	6,068
South Dakota	3,566	3,541	3,613	3,582	3,791	3,838	4,001
Tennessee	8,743	8,573	8,785	8,590	9,260	10,728	11,453
Texas	132,785	130,522	126,896	131,658	126,659	129,881	122,344
Utah	2,788	2,777	3,031	3,111	3,130	3,190	3,525
Vermont	153	156	137	134	158	207	176
Virginia	7,435	7,530	7,395	7,724	NA	6,672	6,875
Washington	5,625	5,477	5,770	6,016	6,352	6,678	6,361
West Virginia	1,834	1,746	1,903	1,862	2,230	2,654	2,651
Wisconsin	9,124	8,824	8,810	9,348	10,406	13,573	15,291
Wyoming	3,844	3,906	3,897	3,750	4,000	4,178	3,497
Total	**R596,641**	**R590,208**	**R571,228**	**R599,149**	**R605,781**	**R661,750**	**R657,341**

See footnotes at end of table.

Table 16. Natural gas deliveries to industrial consumers, by state, 2014-2016
(million cubic feet) – continued

	2015						2014
State	January	Total	December	November	October	September	August
Alabama	17,790	187,661	16,659	16,447	15,823	14,995	14,709
Alaska	497	4,847	494	458	508	485	434
Arizona	2,073	22,489	2,349	1,980	1,761	1,634	1,684
Arkansas	8,367	88,797	8,029	8,537	7,495	6,721	6,743
California	66,766	788,817	67,425	63,073	66,331	69,753	74,044
Colorado	8,899	78,323	8,641	7,615	5,971	4,931	4,772
Connecticut	3,015	28,371	2,571	2,289	1,961	1,734	1,868
Delaware	2,980	31,004	3,094	2,769	2,668	2,582	2,473
District of Columbia	0	0	0	0	0	0	0
Florida	8,882	94,479	8,544	7,764	7,794	7,064	6,957
Georgia	14,719	160,821	14,258	14,302	13,586	12,587	12,454
Hawaii	38	401	36	33	32	34	42
Idaho[a]	2,610	28,046	2,543	2,392	2,345	2,082	1,913
Illinois	R29,108	294,220	29,281	26,950	22,482	21,720	20,469
Indiana	37,967	375,647	35,288	34,095	29,428	28,825	28,546
Iowa	16,925	172,718	15,978	16,497	14,552	12,203	12,803
Kansas	10,806	118,221	10,394	10,613	8,183	8,052	10,232
Kentucky	11,953	116,582	10,596	10,829	9,720	8,654	8,674
Louisiana	83,184	960,033	82,338	81,262	79,353	74,373	79,443
Maine	NA	24,121	1,683	1,728	1,768	1,950	1,902
Maryland	1,571	14,734	1,433	1,516	1,182	1,065	988
Massachusetts	5,805	45,581	4,841	3,918	2,838	2,326	2,591
Michigan	21,301	180,829	17,869	15,580	14,325	11,680	11,327
Minnesota	16,738	173,556	18,610	16,404	13,804	13,226	12,990
Mississippi	11,006	117,908	10,741	10,530	10,187	9,738	9,895
Missouri	7,044	67,115	6,596	6,185	5,043	4,605	4,569
Montana	2,176	22,084	2,291	2,198	1,962	1,637	1,486
Nebraska	7,624	86,878	7,637	8,652	7,581	7,105	6,786
Nevada	1,329	14,324	1,393	1,358	1,313	1,217	1,159
New Hampshire	847	8,456	826	741	628	626	563
New Jersey	6,398	61,494	5,087	5,914	4,781	4,593	4,544
New Mexico	1,579	18,975	1,789	1,696	1,460	1,312	1,424
New York	9,325	84,255	8,066	6,942	6,048	5,652	5,393
North Carolina	10,410	107,904	9,794	9,441	8,957	8,149	8,256
North Dakota	2,676	27,762	2,202	1,998	2,091	1,442	1,877
Ohio	31,749	303,366	27,609	24,717	23,090	22,786	22,950
Oklahoma	17,860	183,929	15,663	14,132	12,648	14,698	15,355
Oregon	5,335	56,522	5,135	4,993	4,655	4,163	4,107
Pennsylvania	23,622	237,013	22,738	21,493	17,768	16,950	16,936
Rhode Island	737	8,008	727	660	610	545	786
South Carolina	7,548	83,330	7,532	7,321	7,146	6,553	6,702
South Dakota	4,073	44,205	4,014	3,942	3,525	3,421	3,463
Tennessee	11,312	116,882	10,591	10,235	9,441	8,952	8,985
Texas	136,902	1,565,269	135,611	129,398	121,276	125,459	132,984
Utah	3,629	38,903	3,467	3,111	2,625	3,057	2,878
Vermont	217	1,858	185	174	154	137	131
Virginia	7,627	81,040	7,033	7,063	6,686	6,240	6,820
Washington	7,329	79,439	7,382	7,192	6,877	6,219	6,003
West Virginia	2,513	27,796	2,416	2,419	2,311	1,991	2,062
Wisconsin	15,895	141,661	14,361	14,038	11,240	9,617	8,761
Wyoming	4,877	47,153	4,330	4,168	4,153	3,661	3,712
Total	**R715,457**	**7,623,826**	**688,166**	**657,761**	**608,165**	**589,199**	**606,646**

See footnotes at end of table.

Table 16

Table 16. Natural gas deliveries to industrial consumers, by state, 2014-2016
(million cubic feet) – continued

State	July	June	May	April	March	February	January
							2014
Alabama	14,433	14,638	15,234	15,238	16,244	15,286	17,956
Alaska	427	320	338	283	403	336	361
Arizona	1,675	1,611	1,812	1,879	1,979	1,934	2,191
Arkansas	6,720	6,521	6,770	6,995	7,842	7,682	8,742
California	71,666	63,954	65,214	62,483	63,286	57,702	63,885
Colorado	4,796	5,228	5,525	6,322	7,575	8,062	8,885
Connecticut	1,949	1,950	2,015	2,267	3,147	3,120	3,499
Delaware	2,269	2,140	2,477	2,340	2,871	2,644	2,676
District of Columbia	0	0	0	0	0	0	0
Florida	7,415	6,980	7,841	8,114	8,211	8,059	9,737
Georgia	12,884	12,516	13,152	13,276	14,623	13,316	13,867
Hawaii	34	30	31	29	35	27	36
Idaho[a]	2,050	2,333	2,452	2,318	2,389	2,477	2,752
Illinois	20,076	19,691	21,040	23,106	27,329	28,611	33,466
Indiana	27,762	27,543	28,569	30,003	33,252	34,311	38,025
Iowa	13,389	13,240	13,139	13,608	14,896	15,140	17,273
Kansas	10,631	8,573	9,815	9,738	10,544	10,273	11,173
Kentucky	8,729	8,710	8,846	8,944	10,477	10,710	11,693
Louisiana	79,361	77,414	80,163	81,868	84,435	76,982	83,041
Maine	2,329	1,948	2,332	2,145	2,436	1,592	2,308
Maryland	1,118	1,251	1,122	1,040	1,332	1,354	1,333
Massachusetts	2,054	2,625	3,173	4,098	5,521	5,746	5,849
Michigan	10,577	10,556	11,733	15,152	19,186	20,923	21,924
Minnesota	12,492	13,012	11,579	13,975	15,285	13,887	18,292
Mississippi	9,765	9,815	9,735	9,724	9,399	8,976	9,404
Missouri	4,573	4,412	4,848	5,350	6,564	6,959	7,413
Montana	1,565	1,600	1,817	1,678	2,001	1,765	2,086
Nebraska	7,145	6,523	6,736	6,431	7,210	7,185	7,888
Nevada	1,068	1,144	1,109	1,116	1,187	1,054	1,209
New Hampshire	564	648	655	743	765	838	861
New Jersey	5,000	4,625	4,760	4,614	6,037	5,448	6,090
New Mexico	1,435	1,433	1,520	1,570	1,770	1,648	1,917
New York	5,448	5,395	5,892	7,366	9,260	9,286	9,507
North Carolina	7,936	7,913	8,344	8,893	10,339	9,703	10,179
North Dakota	2,605	2,538	2,354	2,736	2,811	2,444	2,662
Ohio	22,888	22,033	21,392	24,434	29,069	30,125	32,272
Oklahoma	13,402	14,112	14,687	18,770	17,115	16,758	16,590
Oregon	3,998	4,387	4,492	4,752	5,164	5,094	5,581
Pennsylvania	18,036	17,806	18,532	20,145	22,444	21,872	22,293
Rhode Island	664	557	499	787	673	782	717
South Carolina	6,672	6,565	6,869	6,951	7,447	6,762	6,811
South Dakota	3,359	3,417	3,503	3,600	3,725	4,079	4,158
Tennessee	9,000	8,705	9,014	9,241	10,346	10,749	11,624
Texas	134,145	127,787	132,176	127,751	133,811	125,803	139,069
Utah	3,075	3,232	3,291	3,351	3,257	3,756	3,801
Vermont	129	132	138	141	188	174	176
Virginia	6,056	6,467	6,540	6,788	7,062	6,908	7,376
Washington	6,003	5,945	5,847	6,377	6,937	7,061	7,595
West Virginia	1,860	2,105	2,181	2,486	2,625	2,548	2,793
Wisconsin	8,528	8,348	9,177	11,065	14,074	15,433	17,020
Wyoming	3,409	3,576	3,726	3,900	4,159	4,046	4,313
Total	**603,164**	**584,005**	**604,204**	**625,982**	**678,737**	**657,428**	**720,369**

[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.
[--] Not applicable.
[NA] Not available.
Notes: Geographic coverage is the 50 states and the District of Columbia. See Appendix A, Explanatory Note 6, for discussion of computations and revision policy.
Source: Energy Information Administration (EIA): Form EIA-857, "*Monthly Report of Natural Gas Purchases and Deliveries to Consumers.*"

Table 17. Natural gas deliveries to electric power[a] consumers, by state, 2014-2016

(million cubic feet)

State	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	2016 June	May	April	March
Alabama	193,883	191,672	152,440	39,358	33,479	26,699	31,011
Alaska	11,644	14,782	14,995	1,895	1,852	1,710	1,911
Arizona	112,261	86,551	73,737	31,156	20,333	18,703	14,192
Arkansas	60,230	58,557	38,052	17,193	12,107	10,460	6,041
California	291,295	341,928	366,443	64,275	41,483	38,443	38,281
Colorado	48,288	37,266	42,763	10,317	7,733	8,629	7,360
Connecticut	59,872	53,768	44,843	9,250	10,244	11,326	8,908
Delaware	22,670	21,405	17,703	5,944	3,908	4,559	3,792
District of Columbia	--	--	--	--	--	--	--
Florida	580,750	548,073	500,357	114,786	107,425	100,588	91,316
Georgia	187,128	164,590	120,906	39,671	33,273	30,547	29,437
Hawaii	--	--	--	--	--	--	--
Idaho	W	10,406	6,692	2,013	1,431	W	1,763
Illinois	60,457	34,384	19,237	13,205	9,400	9,587	11,181
Indiana	75,818	65,344	41,181	13,890	13,618	9,376	13,806
Iowa	10,635	7,270	4,168	2,281	2,624	948	1,541
Kansas	W	6,738	10,195	3,288	1,083	1,254	W
Kentucky	31,529	21,341	19,887	6,767	4,954	4,525	6,038
Louisiana	170,071	154,451	141,017	33,634	30,801	25,614	27,334
Maine	9,988	7,215	12,033	1,769	1,913	1,397	607
Maryland	19,074	15,349	8,586	3,751	3,889	3,588	4,202
Massachusetts	74,515	62,937	56,672	17,545	15,463	11,523	10,592
Michigan	123,550	81,053	56,744	22,234	23,193	23,767	19,677
Minnesota	34,886	21,811	13,136	6,258	6,368	6,037	5,397
Mississippi	177,353	162,394	105,583	36,217	31,394	22,587	26,595
Missouri	23,949	W	14,529	7,129	4,119	4,901	2,628
Montana	W	W	W	798	W	W	699
Nebraska	W	W	1,980	1,442	W	522	W
Nevada	99,992	91,906	67,961	21,102	16,878	14,739	15,084
New Hampshire	13,563	20,043	12,116	2,854	3,009	3,609	749
New Jersey	151,083	128,659	106,950	31,064	24,530	24,473	25,001
New Mexico	39,564	35,296	35,816	7,785	6,452	6,424	6,156
New York	216,488	212,640	206,943	44,977	40,017	33,539	32,434
North Carolina	145,879	130,652	94,219	23,831	21,891	23,948	28,120
North Dakota	W	W	*	605	W	W	W
Ohio	103,311	105,542	85,051	17,623	11,537	16,608	18,265
Oklahoma	130,461	116,422	101,343	31,539	22,954	20,360	17,812
Oregon	41,836	44,869	32,605	7,988	3,384	3,456	7,284
Pennsylvania	224,746	194,260	169,442	47,294	35,830	33,585	36,765
Rhode Island	22,190	21,386	18,368	4,767	5,008	2,943	4,496
South Carolina	56,291	56,532	43,842	12,170	10,074	6,853	9,878
South Dakota	4,105	W	W	847	714	779	605
Tennessee	38,831	33,912	21,777	9,265	4,800	5,154	6,921
Texas	754,105	763,604	641,717	152,586	133,161	118,111	120,398
Utah	29,529	24,655	25,583	6,034	5,051	5,243	4,395
Vermont	3	16	16	--	2	*	1
Virginia	130,459	114,624	80,894	29,104	21,704	13,470	20,295
Washington	35,920	32,217	30,386	6,215	5,085	2,842	4,530
West Virginia	5,637	4,692	2,945	1,317	1,675	1,108	1,082
Wisconsin	65,203	47,075	27,186	11,626	9,830	9,836	13,305
Wyoming	W	W	W	W	W	W	W
Total	**4,718,249**	**4,374,619**	**3,692,916**	**976,760**	**807,272**	**725,998**	**739,687**

See footnotes at end of table.

Table 17

Table 17. Natural gas deliveries to electric power[a] consumers, by state, 2014-2016
(million cubic feet) – continued

State	2016 February	2016 January	2015 Total	2015 December	2015 November	2015 October	2015 September
Alabama	29,307	34,029	397,961	33,249	31,034	31,534	33,356
Alaska	1,992	2,283	27,722	2,336	2,164	2,096	1,863
Arizona	12,584	15,294	249,477	17,515	17,672	24,561	31,091
Arkansas	5,839	8,589	108,755	6,754	5,434	4,130	8,552
California	47,924	60,889	816,787	63,111	59,484	84,917	89,295
Colorado	6,288	7,962	92,757	8,346	9,658	8,172	9,582
Connecticut	9,671	10,473	119,305	11,119	9,814	10,291	10,504
Delaware	2,335	2,132	44,725	2,190	2,330	3,068	4,903
District of Columbia	--	--	--	--	--	--	--
Florida	79,693	86,943	1,160,140	89,587	91,782	100,028	105,993
Georgia	25,621	28,578	354,090	25,887	27,527	29,598	30,621
Hawaii	--	--	--	--	--	--	--
Idaho	2,401	2,870	27,790	2,840	2,240	2,500	2,930
Illinois	8,872	8,211	83,570	7,753	7,008	6,560	8,788
Indiana	11,776	13,353	127,365	13,305	11,439	8,711	7,942
Iowa	1,542	1,700	17,518	1,623	530	918	1,750
Kansas	558	725	16,614	804	W	W	1,662
Kentucky	3,738	5,506	52,015	3,312	5,312	6,074	4,867
Louisiana	24,771	27,918	342,742	31,279	29,353	29,252	27,504
Maine	1,871	2,429	17,447	1,427	1,813	2,483	1,538
Maryland	2,318	1,326	39,632	2,457	3,188	2,959	4,162
Massachusetts	9,783	9,608	156,492	9,618	8,375	13,391	16,586
Michigan	17,683	16,995	174,770	16,664	14,519	15,441	14,817
Minnesota	5,321	5,506	54,054	5,725	3,113	3,400	6,416
Mississippi	29,722	30,838	331,496	25,574	25,741	23,923	26,810
Missouri	2,679	2,492	40,109	2,899	2,409	1,850	3,641
Montana	732	816	7,847	777	666	714	770
Nebraska	112	97	4,634	137	160	W	505
Nevada	14,466	17,722	207,145	18,135	15,282	18,088	20,109
New Hampshire	1,145	2,196	42,673	2,706	3,795	3,375	3,922
New Jersey	21,592	24,423	290,843	23,354	24,504	24,677	29,675
New Mexico	5,881	6,866	77,947	6,933	5,581	6,330	6,895
New York	30,569	34,953	475,658	31,355	33,652	39,937	49,022
North Carolina	24,806	23,283	268,925	22,474	22,200	19,195	23,579
North Dakota	407	382	3,671	W	W	W	433
Ohio	19,365	19,915	210,460	17,199	15,918	13,838	17,928
Oklahoma	16,047	21,749	254,706	23,024	20,482	16,289	20,143
Oregon	9,351	10,374	113,988	11,609	11,382	10,746	11,754
Pennsylvania	35,495	35,776	439,248	35,621	36,071	38,145	39,738
Rhode Island	2,533	2,443	50,110	3,081	4,334	3,864	3,507
South Carolina	7,772	9,544	135,239	11,601	13,955	12,777	11,768
South Dakota	625	535	7,083	656	521	396	519
Tennessee	6,331	6,360	69,830	6,156	5,458	4,574	6,133
Texas	105,622	124,228	1,646,330	123,103	110,207	131,222	151,139
Utah	4,079	4,727	55,797	5,002	4,575	4,387	5,171
Vermont	--	*	19	1	1	*	1
Virginia	22,761	23,125	243,116	22,839	16,558	11,752	22,109
Washington	7,407	9,841	97,300	9,481	10,383	11,239	10,914
West Virginia	236	219	13,277	522	765	1,541	1,742
Wisconsin	10,342	10,264	101,211	9,879	7,700	7,455	9,104
Wyoming	W	W	706	W	W	W	W
Total	**692,006**	**776,525**	**9,671,095**	**771,355**	**737,310**	**797,631**	**901,839**

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power[a] consumers, by state, 2014-2016
(million cubic feet) – continued

State	2015 August	July	June	May	April	March	February
Alabama	37,742	39,373	36,860	32,480	24,780	30,436	31,501
Alaska	2,116	2,365	2,311	1,781	2,907	2,470	2,367
Arizona	38,244	33,842	30,537	13,238	13,368	9,409	8,635
Arkansas	12,523	12,805	9,865	7,343	8,745	10,498	12,257
California	91,733	86,319	74,951	51,799	52,877	53,804	46,614
Colorado	10,114	9,620	8,089	5,015	5,970	6,214	5,508
Connecticut	12,188	11,619	9,406	8,748	8,839	8,474	7,570
Delaware	5,119	5,710	4,509	4,886	5,269	2,110	1,594
District of Columbia	--	--	--	--	--	--	--
Florida	113,372	111,305	105,902	101,485	98,620	86,390	74,272
Georgia	35,927	39,940	33,576	27,974	22,117	25,712	25,962
Hawaii	--	--	--	--	--	--	--
Idaho	3,645	3,230	3,481	2,082	1,276	857	438
Illinois	7,957	11,120	7,075	4,727	5,221	5,789	5,612
Indiana	10,138	10,486	9,343	9,238	9,110	12,997	13,294
Iowa	2,364	3,063	1,746	875	728	1,257	1,309
Kansas	2,353	3,425	1,970	1,189	1,027	1,124	947
Kentucky	4,798	6,310	3,656	3,415	3,307	3,123	5,559
Louisiana	33,927	36,977	33,989	27,800	24,960	23,525	22,235
Maine	1,839	1,132	573	745	947	1,787	1,294
Maryland	4,947	6,571	4,315	4,383	2,652	1,497	1,389
Massachusetts	23,001	22,583	14,822	15,056	11,249	7,951	6,635
Michigan	14,732	17,544	14,362	12,526	10,626	14,651	14,668
Minnesota	6,314	7,274	4,664	2,150	4,395	4,687	3,496
Mississippi	32,206	34,848	32,210	26,239	20,086	26,796	30,519
Missouri	5,682	6,523	4,316	1,856	2,444	W	2,992
Montana	803	918	705	482	498	535	W
Nebraska	890	1,257	686	201	242	164	W
Nevada	22,904	20,722	21,244	15,320	15,970	13,336	13,116
New Hampshire	4,622	4,211	3,618	3,865	3,308	3,393	2,236
New Jersey	29,355	30,618	24,861	24,474	18,160	22,976	18,435
New Mexico	8,798	8,114	6,787	4,441	5,744	6,183	5,514
New York	54,763	54,290	40,290	38,846	29,269	39,410	29,469
North Carolina	24,881	25,946	26,406	23,825	19,201	19,153	20,073
North Dakota	492	497	W	W	W	W	W
Ohio	19,618	20,417	18,226	15,180	13,132	19,948	19,594
Oklahoma	27,950	30,396	22,126	17,107	16,903	18,885	20,710
Oregon	11,616	12,013	10,573	8,295	8,202	6,047	3,597
Pennsylvania	47,480	47,934	38,101	31,222	31,691	34,488	26,179
Rhode Island	7,037	6,902	6,135	5,728	2,475	3,176	1,716
South Carolina	13,664	14,943	14,514	9,903	9,540	8,308	7,075
South Dakota	943	1,216	769	572	332	W	495
Tennessee	6,002	7,594	7,026	6,508	4,485	4,226	6,914
Texas	185,654	181,401	147,288	124,315	118,966	128,933	115,697
Utah	6,238	5,768	5,443	4,572	3,905	3,298	3,411
Vermont	*	*	1	6	*	1	2
Virginia	26,163	29,071	26,215	22,115	12,719	18,261	17,633
Washington	10,802	12,265	9,569	6,016	4,616	4,762	2,245
West Virginia	1,873	2,142	1,614	1,213	806	362	436
Wisconsin	8,982	11,015	8,205	7,133	6,523	8,768	8,652
Wyoming	W	W	W	W	W	W	W
Total	**1,034,595**	**1,053,747**	**893,343**	**738,628**	**668,471**	**709,358**	**650,586**

See footnotes at end of table.

Table 17

Table 17. Natural gas deliveries to electric power[a] consumers, by state, 2014-2016
(million cubic feet) – continued

	2015						2014
State	January	Total	December	November	October	September	August
Alabama	35,616	345,102	30,690	32,978	30,231	32,380	35,284
Alaska	2,945	30,444	2,655	2,557	2,756	2,257	2,625
Arizona	11,365	207,085	9,662	14,336	19,918	27,300	30,020
Arkansas	9,850	71,921	5,414	3,611	4,517	5,768	7,744
California	61,882	824,868	65,065	61,128	84,859	85,939	81,273
Colorado	6,471	98,269	8,872	9,279	9,207	9,165	8,724
Connecticut	10,731	99,668	9,667	8,309	6,993	8,034	10,607
Delaware	3,037	45,534	3,954	4,164	3,945	4,768	5,513
District of Columbia	--	--	--	--	--	--	--
Florida	81,404	1,047,683	71,874	68,400	91,047	96,828	113,710
Georgia	29,248	289,783	24,112	24,802	29,659	28,511	32,981
Hawaii	--	--	--	--	--	--	--
Idaho	2,272	17,866	1,140	1,494	1,215	2,390	2,815
Illinois	5,960	42,081	3,183	2,790	4,048	3,670	5,827
Indiana	11,362	80,411	7,539	8,647	6,454	4,616	6,190
Iowa	1,354	11,035	1,333	711	1,202	895	1,809
Kansas	483	20,674	1,097	1,526	1,324	1,565	2,750
Kentucky	2,282	26,919	1,363	2,070	487	709	1,083
Louisiana	21,942	290,020	17,497	20,950	23,463	25,736	33,347
Maine	1,871	23,853	1,643	2,151	1,139	1,237	2,000
Maryland	1,114	20,844	1,186	1,189	1,642	1,957	3,193
Massachusetts	7,223	133,164	6,962	8,053	13,625	13,588	16,221
Michigan	14,221	102,166	7,830	6,682	8,239	7,666	9,310
Minnesota	2,419	29,496	3,207	2,183	4,382	1,583	3,165
Mississippi	26,543	221,910	20,002	15,661	18,827	19,071	23,299
Missouri	2,715	34,825	2,440	2,557	4,105	2,910	4,405
Montana	557	6,421	W	W	W	645	795
Nebraska	185	4,132	270	216	318	204	630
Nevada	12,919	167,916	13,781	13,019	15,972	18,338	18,893
New Hampshire	3,622	31,240	3,040	1,982	3,500	3,344	3,286
New Jersey	19,752	245,464	21,092	20,833	20,729	23,199	24,388
New Mexico	6,628	75,726	6,678	5,995	5,241	5,982	8,440
New York	35,355	453,223	35,391	32,754	35,414	43,200	47,876
North Carolina	21,994	206,226	21,194	16,980	12,618	19,655	20,625
North Dakota	W	40	6	11	6	16	*
Ohio	19,461	175,466	17,320	11,575	9,366	16,927	19,112
Oklahoma	20,692	207,993	16,076	12,743	15,052	15,627	25,973
Oregon	8,155	90,099	8,606	9,288	9,791	11,052	10,644
Pennsylvania	32,578	390,816	33,889	27,541	39,413	38,115	40,817
Rhode Island	2,157	44,852	2,877	2,592	4,151	5,355	5,623
South Carolina	7,192	88,861	6,232	5,949	6,421	6,826	9,345
South Dakota	516	3,189	535	284	148	25	578
Tennessee	4,753	45,019	3,139	4,114	2,552	3,548	5,253
Texas	128,404	1,427,565	107,682	100,792	118,224	135,232	172,019
Utah	4,026	58,499	4,710	4,952	5,028	5,242	6,218
Vermont	5	36	4	3	3	3	3
Virginia	17,681	158,672	12,101	10,330	7,553	15,110	15,625
Washington	5,010	84,950	6,669	6,501	9,741	11,677	11,956
West Virginia	260	6,816	235	333	1,283	742	669
Wisconsin	7,795	59,808	5,162	5,775	7,126	4,180	5,994
Wyoming	W	W	W	W	W	W	W
Total	**714,235**	**8,149,111**	**635,681**	**601,343**	**703,664**	**772,831**	**898,713**

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power[a] consumers, by state, 2014-2016
(million cubic feet) – continued

State	July	June	May	April	March	February	January
							2014
Alabama	31,099	30,198	27,561	18,599	26,559	18,077	31,445
Alaska	2,599	2,560	2,347	2,134	2,389	2,661	2,904
Arizona	32,112	22,836	14,200	9,572	5,871	10,326	10,933
Arkansas	6,815	8,170	6,349	5,548	6,065	4,508	7,412
California	80,162	57,297	57,398	56,627	58,412	66,043	70,667
Colorado	10,259	8,009	8,078	5,403	8,325	6,467	6,481
Connecticut	11,214	8,873	7,880	8,519	6,976	6,542	6,053
Delaware	5,486	4,550	3,049	2,924	3,129	1,968	2,083
District of Columbia	--	--	--	--	--	--	--
Florida	105,467	96,523	95,379	88,427	79,120	61,860	79,047
Georgia	28,811	26,578	22,435	17,623	18,303	14,129	21,837
Hawaii	--	--	--	--	--	--	--
Idaho	2,119	592	545	244	388	2,199	2,725
Illinois	3,326	4,605	4,945	1,409	1,925	1,252	5,101
Indiana	5,785	5,146	6,037	3,730	7,730	8,218	10,321
Iowa	917	915	1,287	524	244	396	802
Kansas	2,216	2,021	2,554	1,478	861	1,498	1,783
Kentucky	1,320	1,136	1,471	3,752	4,127	3,227	6,174
Louisiana	28,009	27,851	28,269	22,342	16,812	19,977	25,767
Maine	3,650	3,015	1,161	1,817	1,491	1,904	2,645
Maryland	3,091	2,436	1,783	980	1,446	844	1,097
Massachusetts	18,042	13,335	11,054	10,978	5,996	7,776	7,533
Michigan	5,695	8,945	8,488	7,345	8,355	11,162	12,448
Minnesota	1,842	2,505	3,479	1,190	1,368	1,573	3,020
Mississippi	19,467	19,950	19,704	10,866	15,665	16,299	23,099
Missouri	3,880	2,539	2,872	1,591	1,902	2,320	3,306
Montana	547	W	397	W	W	607	702
Nebraska	514	308	830	510	148	88	97
Nevada	19,953	14,240	12,229	11,006	9,071	10,119	11,297
New Hampshire	3,971	2,843	2,973	3,350	1,961	406	582
New Jersey	28,273	22,840	17,667	15,072	18,137	17,235	15,999
New Mexico	7,574	7,110	6,452	5,934	5,821	4,803	5,696
New York	51,645	43,424	32,640	28,998	35,243	33,403	33,236
North Carolina	20,934	20,928	16,592	15,371	14,767	8,697	17,864
North Dakota	1	*	--	--	--	--	--
Ohio	16,116	15,086	13,830	11,416	15,755	13,464	15,500
Oklahoma	21,179	16,847	14,549	15,659	13,405	20,372	20,510
Oregon	8,113	2,539	2,792	2,325	2,882	10,405	11,663
Pennsylvania	41,600	36,271	29,586	22,702	28,109	24,846	27,928
Rhode Island	5,886	4,894	3,650	3,517	1,915	1,843	2,550
South Carolina	10,247	8,611	9,060	7,821	6,781	4,535	7,033
South Dakota	613	W	315	W	W	116	255
Tennessee	4,635	5,280	4,947	2,127	1,464	1,771	6,188
Texas	151,899	132,478	112,247	99,900	94,565	94,522	108,004
Utah	6,766	5,672	3,946	3,471	3,983	3,979	4,532
Vermont	3	3	2	1	4	3	4
Virginia	17,061	16,005	15,339	10,019	12,595	13,540	13,395
Washington	8,020	2,648	2,966	2,887	4,431	8,090	9,364
West Virginia	609	358	250	76	481	725	1,055
Wisconsin	4,384	4,595	6,022	4,066	3,531	4,145	4,827
Wyoming	W	W	W	W	W	W	W
Total	**843,963**	**724,035**	**647,650**	**550,345**	**558,887**	**548,988**	**663,010**

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

-- Not applicable.

W Withheld.

* Volume is less than 500,000 cubic feet

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

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

Table 18

Table 18. Natural gas deliveries to all consumers, by state, 2014-2016

(million cubic feet)

State	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	2016 June	May	April	March
Alabama	326,950	324,254	288,590	56,771	52,495	45,759	52,367
Alaska	30,559	37,357	36,278	3,458	3,804	4,333	5,699
Arizona	163,745	134,163	123,299	36,122	26,046	25,329	21,926
Arkansas	141,646	152,563	138,126	26,367	22,214	21,479	19,771
California	1,018,087	1,058,116	1,099,829	165,474	147,269	146,734	162,594
Colorado	196,987	NA	194,986	20,130	23,818	30,275	35,438
Connecticut	131,452	139,603	126,570	14,436	17,305	21,383	21,838
Delaware	51,683	53,325	47,921	9,045	7,721	8,781	8,707
District of Columbia	16,876	18,979	19,938	983	1,430	2,074	2,466
Florida	678,110	NA	591,522	128,051	122,143	116,195	108,062
Georgia	367,045	356,254	319,212	57,454	53,099	52,715	56,967
Hawaii	1,493	1,494	1,492	240	243	256	248
Idaho	49,873	45,919	44,616	5,396	5,641	4,791	9,200
Illinois	NA	580,323	631,801	NA	54,445	76,907	97,792
Indiana	394,068	406,750	387,586	47,454	53,044	55,598	66,123
Iowa	165,386	168,033	176,554	19,116	20,896	22,307	28,634
Kansas	NA	NA	137,224	14,685	NA	NA	15,533
Kentucky	140,452	139,677	141,638	16,820	17,153	18,434	24,300
Louisiana	716,356	660,478	671,248	120,563	120,943	113,868	118,957
Maine	NA	NA	31,864	NA	NA	NA	NA
Maryland	NA	125,264	119,703	NA	12,469	15,625	19,616
Massachusetts	227,991	248,770	234,180	26,912	29,847	34,409	39,433
Michigan	502,167	NA	498,940	45,642	56,867	81,263	89,292
Minnesota	NA	NA	261,506	23,321	25,830	NA	45,230
Mississippi	NA	249,456	194,833	NA	43,184	NA	38,869
Missouri	148,402	163,337	172,406	15,694	14,914	18,492	22,731
Montana	NA	NA	38,821	NA	3,842	NA	NA
Nebraska	NA	81,242	90,175	NA	R9,153	R10,937	R12,431
Nevada	148,127	NA	112,592	25,661	22,349	20,955	22,720
New Hampshire	NA	NA	27,763	NA	NA	NA	NA
New Jersey	407,663	NA	423,891	50,221	48,921	58,451	69,825
New Mexico	NA	78,217	78,216	NA	NA	NA	13,187
New York	NA	780,599	749,770	NA	NA	102,772	115,017
North Carolina	273,680	NA	231,801	35,358	34,927	39,938	47,056
North Dakota	29,101	30,319	31,819	3,814	3,557	3,811	4,907
Ohio	505,579	586,823	575,346	46,879	50,657	73,503	85,486
Oklahoma	281,528	273,272	284,527	50,161	44,129	41,317	42,383
Oregon	107,081	107,477	102,953	14,482	11,000	12,135	19,860
Pennsylvania	582,279	599,996	559,804	76,819	72,611	83,241	96,223
Rhode Island	44,382	48,038	44,458	6,007	7,038	6,216	8,524
South Carolina	131,117	131,521	119,640	20,869	19,570	17,418	21,477
South Dakota	39,536	39,254	39,656	4,764	R5,206	R6,191	R6,727
Tennessee	170,764	178,684	167,153	22,017	18,584	20,974	27,242
Texas	NA	1,785,510	1,701,021	NA	280,953	270,821	290,636
Utah	109,278	94,528	105,593	11,726	13,177	16,086	18,014
Vermont	NA	7,002	6,227	566	652	NA	1,101
Virginia	NA	NA	224,464	NA	NA	NA	42,816
Washington	NA	135,216	146,792	NA	16,886	16,449	25,595
West Virginia	48,750	50,767	50,651	5,166	5,781	6,868	8,676
Wisconsin	NA	264,728	264,898	NA	NA	39,929	49,673
Wyoming	NA	38,181	38,576	4,875	6,232	NA	NA
Total	**13,080,394**	**13,275,404**	**12,908,465**	**1,834,684**	**R1,794,192**	**R1,914,322**	**R2,164,919**

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2014-2016
(million cubic feet) – continued

State	2016 February	2016 January	2015 Total	2015 December	2015 November	2015 October	2015 September
Alabama	54,717	64,842	640,707	54,716	50,501	49,292	50,117
Alaska	6,046	R7,220	69,533	7,898	6,880	5,280	4,444
Arizona	23,713	30,610	336,195	30,415	25,804	29,557	35,461
Arkansas	23,348	28,468	270,209	22,561	18,552	14,702	17,958
California	173,160	222,856	2,257,216	235,282	195,837	186,757	189,292
Colorado	38,586	48,740	NA	49,929	40,791	22,856	19,128
Connecticut	27,216	29,274	250,527	23,268	19,928	17,525	15,795
Delaware	8,389	9,040	99,543	7,386	6,797	6,849	7,939
District of Columbia	4,776	5,148	29,157	2,907	2,437	1,740	1,072
Florida	97,329	106,331	NA	105,637	106,003	114,127	118,468
Georgia	67,365	79,444	683,796	56,505	55,858	52,445	49,172
Hawaii	247	259	2,929	251	228	240	233
Idaho	11,067	13,779	98,782	13,715	11,261	7,606	6,838
Illinois	128,292	151,423	960,624	R107,121	84,499	R57,255	R43,474
Indiana	79,178	92,671	712,946	72,031	59,575	48,080	39,873
Iowa	34,191	40,243	NA	32,191	NA	21,170	17,814
Kansas	23,125	31,236	NA	25,027	NA	12,566	12,660
Kentucky	28,747	34,998	249,968	22,413	21,975	18,190	15,333
Louisiana	113,194	128,831	1,353,108	122,663	115,608	112,122	108,432
Maine	NA	NA	NA	NA	NA	NA	NA
Maryland	26,762	31,061	205,407	18,593	16,455	12,704	9,762
Massachusetts	46,930	50,460	434,781	36,395	31,148	29,699	25,692
Michigan	109,809	119,295	NA	87,181	71,432	55,280	38,018
Minnesota	NA	NA	NA	NA	35,845	27,097	22,872
Mississippi	45,382	50,000	NA	40,203	NA	37,302	NA
Missouri	33,932	42,639	271,116	30,729	21,864	13,729	12,195
Montana	7,453	9,465	NA	9,316	7,811	4,787	3,662
Nebraska	R15,537	R19,067	149,107	16,498	13,194	9,672	8,366
Nevada	24,686	31,756	NA	30,673	23,835	22,754	NA
New Hampshire	NA	5,978	NA	NA	NA	NA	NA
New Jersey	82,591	97,654	NA	63,409	56,474	NA	NA
New Mexico	15,226	19,414	156,429	19,223	14,369	10,795	10,219
New York	147,258	166,096	1,322,592	110,327	97,953	85,452	78,673
North Carolina	55,952	60,449	NA	NA	43,008	35,342	35,685
North Dakota	5,807	7,203	55,321	5,845	5,168	4,063	3,600
Ohio	114,778	134,276	949,865	88,545	74,007	55,863	46,019
Oklahoma	44,303	59,235	539,439	55,758	47,026	35,975	37,919
Oregon	22,360	27,245	233,523	28,283	25,529	18,493	18,287
Pennsylvania	119,940	133,446	1,078,189	96,515	87,069	78,980	67,199
Rhode Island	7,986	8,611	90,207	6,847	7,643	6,216	4,837
South Carolina	23,675	28,108	270,546	24,364	25,780	22,863	20,307
South Dakota	R7,713	R8,936	73,755	8,123	6,660	4,893	4,529
Tennessee	37,150	44,796	306,194	29,015	24,268	18,807	18,246
Texas	287,982	333,433	3,592,093	308,804	268,212	276,726	291,178
Utah	22,064	28,211	187,452	27,782	20,739	10,855	10,440
Vermont	1,459	1,695	11,766	1,168	1,024	875	566
Virginia	54,140	NA	NA	44,149	36,489	27,516	33,817
Washington	29,337	38,147	296,056	37,184	34,659	25,442	22,103
West Virginia	10,209	12,049	NA	NA	6,835	6,180	4,914
Wisconsin	57,410	66,422	454,450	49,528	38,845	29,272	23,582
Wyoming	7,457	8,468	72,979	9,112	7,339	4,941	4,513
Total	**R2,474,796**	**R2,897,481**	**R25,020,224**	**R2,385,719**	**R2,063,507**	**R1,806,531**	**R1,726,887**

See footnotes at end of table.

Table 18

Table 18. Natural gas deliveries to all consumers, by state, 2014-2016
(million cubic feet) – continued

State	2015 August	July	June	May	April	March	February
Alabama	54,897	56,930	53,334	50,430	42,013	52,242	60,691
Alaska	3,763	3,910	3,845	4,202	6,314	7,341	7,010
Arizona	42,499	38,296	35,358	19,019	19,745	17,323	17,764
Arkansas	21,854	22,018	19,176	17,538	20,449	28,113	34,420
California	199,015	192,918	176,488	163,981	165,806	169,115	166,602
Colorado	19,060	18,936	NA	22,284	24,823	32,281	37,819
Connecticut	17,528	16,880	14,828	15,438	20,407	27,952	29,385
Delaware	8,330	8,917	7,661	8,377	9,744	8,652	8,451
District of Columbia	1,037	984	1,071	1,170	1,806	3,974	5,164
Florida	126,037	124,560	NA	115,388	112,579	102,118	91,656
Georgia	54,742	58,820	52,141	48,114	43,137	56,984	75,688
Hawaii	240	243	245	228	254	252	237
Idaho	7,016	6,426	7,027	6,398	6,506	6,876	7,365
Illinois	R42,156	R45,796	R41,838	R46,721	R67,219	R111,449	R157,451
Indiana	43,297	43,339	41,553	45,360	52,030	77,753	95,977
Iowa	18,504	19,248	18,170	19,172	21,424	29,888	39,737
Kansas	15,360	17,191	12,632	NA	NA	NA	27,456
Kentucky	15,592	16,787	14,156	14,767	17,503	25,417	35,629
Louisiana	117,113	116,691	112,363	110,644	104,543	106,831	108,051
Maine	NA	NA	NA	NA	NA	NA	NA
Maryland	10,397	12,233	10,059	10,729	13,599	25,079	33,283
Massachusetts	31,673	31,404	24,447	27,028	33,435	49,361	57,348
Michigan	37,730	39,804	37,619	NA	62,178	100,839	136,861
Minnesota	22,087	22,461	20,434	21,244	32,629	NA	60,949
Mississippi	43,498	45,832	43,504	37,493	31,835	41,820	48,491
Missouri	14,233	15,028	12,825	11,717	18,800	33,023	44,585
Montana	NA	3,334	3,235	4,032	NA	6,327	7,056
Nebraska	9,420	10,715	9,078	9,453	10,561	13,430	19,005
Nevada	NA	24,653	NA	NA	NA	NA	21,412
New Hampshire	NA	NA	NA	NA	NA	NA	6,577
New Jersey	46,180	47,857	41,966	NA	59,365	92,180	102,899
New Mexico	12,236	11,371	10,551	9,056	10,919	13,581	15,431
New York	85,379	84,207	71,555	80,348	97,863	163,745	183,131
North Carolina	NA	37,432	38,346	35,890	34,202	NA	57,817
North Dakota	3,396	2,929	2,918	3,806	4,018	5,662	6,940
Ohio	48,583	50,025	49,400	53,072	71,920	121,545	146,779
Oklahoma	44,139	45,349	37,736	36,838	37,006	46,382	55,926
Oregon	17,582	17,872	16,776	16,048	18,591	16,946	15,369
Pennsylvania	73,764	74,666	67,354	64,067	82,728	118,940	133,045
Rhode Island	8,371	8,254	7,601	7,388	5,576	9,060	9,013
South Carolina	22,303	23,407	22,958	18,944	19,358	21,203	23,838
South Dakota	5,045	5,249	4,980	5,153	5,562	6,273	8,428
Tennessee	17,907	19,267	19,192	19,198	19,944	29,823	47,524
Texas	332,621	329,042	291,031	272,902	269,409	313,738	295,639
Utah	11,750	11,359	11,810	12,963	14,540	14,564	17,302
Vermont	544	587	568	498	890	1,484	1,737
Virginia	37,648	40,769	37,826	34,791	NA	46,663	57,365
Washington	20,020	21,431	19,627	18,099	20,996	23,671	21,917
West Virginia	4,922	5,114	4,733	4,850	6,379	10,720	12,547
Wisconsin	23,388	25,107	22,344	24,828	32,984	50,370	68,200
Wyoming	4,334	4,559	4,744	5,370	5,844	6,519	6,841
Total	**R1,873,743**	**R1,888,434**	**R1,726,573**	**R1,681,996**	**R1,836,218**	**R2,394,692**	**R2,735,443**

See footnotes at end of table.

Table 18. Natural gas deliveries to all consumers, by state, 2014-2016
(million cubic feet) – continued

State	2015 January	2015 Total	December	November	October	September	2014 August
Alabama	65,544	599,473	55,859	57,340	48,984	49,254	51,944
Alaska	8,646	70,960	7,674	7,017	6,696	4,700	4,356
Arizona	24,953	294,459	20,663	21,715	25,203	32,029	34,651
Arkansas	32,866	249,549	25,366	19,109	16,336	16,094	17,748
California	216,124	2,265,431	217,366	181,285	191,093	192,824	192,700
Colorado	46,910	367,021	46,988	43,139	25,243	19,517	17,079
Connecticut	31,593	230,507	25,340	19,993	13,520	13,064	15,658
Delaware	10,439	99,736	10,239	9,230	7,616	7,928	8,558
District of Columbia	5,794	32,751	4,445	3,501	1,643	1,091	1,096
Florida	99,442	1,221,666	88,657	83,716	104,666	109,137	125,822
Georgia	80,190	645,253	64,386	63,780	51,897	46,991	51,307
Hawaii	278	2,927	252	228	234	233	241
Idaho	11,746	87,647	10,149	9,743	5,944	5,890	5,943
Illinois	R155,645	1,062,377	124,735	114,914	63,725	44,930	42,195
Indiana	94,078	703,637	76,696	73,174	48,686	39,584	39,604
Iowa	39,641	317,784	35,039	33,162	22,429	16,333	17,187
Kansas	29,612	246,547	27,804	24,333	13,849	12,402	15,519
Kentucky	32,205	241,151	25,899	24,308	14,034	11,678	11,687
Louisiana	118,046	1,325,708	108,828	109,332	106,734	103,311	115,931
Maine	NA	59,362	4,819	5,058	3,504	3,555	4,207
Maryland	32,515	201,199	24,996	20,208	10,357	8,058	9,006
Massachusetts	57,152	412,268	41,225	34,514	27,796	23,087	25,082
Michigan	132,844	824,527	95,114	85,516	51,877	33,659	31,192
Minnesota	59,554	460,653	57,952	49,106	31,193	20,897	21,243
Mississippi	46,313	390,396	37,062	31,046	31,494	30,405	34,743
Missouri	42,387	290,421	34,790	28,602	16,853	12,180	12,974
Montana	9,283	71,435	9,281	8,492	4,910	3,693	3,223
Nebraska	19,714	165,620	18,917	17,125	11,124	9,346	9,316
Nevada	25,061	247,182	24,151	20,049	20,909	22,533	22,889
New Hampshire	8,021	56,936	6,177	4,520	4,953	4,409	4,217
New Jersey	101,520	757,130	83,161	70,870	45,260	42,720	42,952
New Mexico	18,679	152,942	18,003	14,705	9,644	9,204	12,011
New York	183,957	1,319,852	144,249	116,464	75,877	75,230	77,164
North Carolina	57,812	449,335	50,727	42,746	27,094	31,723	32,463
North Dakota	6,974	54,307	5,889	5,501	3,485	2,151	2,354
Ohio	144,108	982,855	113,777	85,969	55,558	51,567	51,649
Oklahoma	59,384	508,363	46,355	32,369	30,698	32,993	44,056
Oregon	23,747	216,365	24,221	23,342	17,779	17,283	16,726
Pennsylvania	133,862	1,042,647	115,343	91,861	75,633	64,908	66,788
Rhode Island	9,400	85,849	7,963	6,626	5,751	6,708	7,094
South Carolina	25,221	229,454	21,664	20,489	16,088	15,154	17,791
South Dakota	8,858	73,917	8,376	7,600	5,024	4,196	4,589
Tennessee	43,001	297,814	33,696	28,839	17,679	15,991	17,554
Texas	342,791	3,415,789	295,687	259,502	257,979	277,262	321,062
Utah	23,349	198,278	23,459	21,017	12,838	11,150	11,355
Vermont	1,826	10,554	1,362	1,006	616	475	436
Virginia	56,062	404,939	42,878	36,107	21,315	26,171	26,801
Washington	30,907	298,088	32,897	32,137	23,873	22,411	21,834
West Virginia	11,538	86,978	9,359	8,448	6,210	4,336	4,128
Wisconsin	66,002	458,999	52,427	50,632	31,648	20,571	20,141
Wyoming	8,864	73,096	8,159	7,608	5,721	4,571	4,402
Total	**R2,900,482**	**24,362,131**	**2,470,522**	**2,167,091**	**1,729,274**	**1,635,586**	**1,750,670**

See footnotes at end of table.

Table 18

Table 18. Natural gas deliveries to all consumers, by state, 2014-2016
(million cubic feet) – continued

State	July	June	May	April	March	February	January
							2014
Alabama	47,503	46,789	45,654	37,636	50,261	43,210	65,040
Alaska	4,240	4,388	4,389	5,296	7,024	7,690	7,490
Arizona	36,897	27,820	20,194	16,537	14,049	20,502	24,195
Arkansas	16,770	18,077	17,250	18,683	24,653	26,356	33,107
California	190,334	160,855	166,662	168,803	182,576	197,756	223,177
Colorado	20,070	18,726	22,882	25,470	37,580	42,352	47,976
Connecticut	16,362	14,361	14,815	19,616	25,011	26,071	26,696
Delaware	8,244	7,298	6,637	6,829	9,361	8,446	9,350
District of Columbia	1,038	1,120	1,410	2,201	4,498	4,755	5,954
Florida	118,145	108,682	108,896	103,047	95,015	77,414	98,468
Georgia	47,680	45,029	42,662	41,682	54,632	54,590	80,618
Hawaii	246	241	240	252	245	242	272
Idaho	5,361	4,216	4,645	5,578	7,148	10,342	12,685
Illinois	40,077	41,929	53,185	71,874	126,861	152,556	185,396
Indiana	38,307	37,047	42,226	47,472	74,828	85,009	101,005
Iowa	17,079	17,304	19,677	23,227	32,968	38,486	44,892
Kansas	15,416	13,069	15,871	18,022	25,324	30,468	34,471
Kentucky	11,908	11,833	13,274	18,110	27,557	31,056	39,807
Louisiana	110,324	108,235	112,544	108,892	109,912	107,586	124,079
Maine	6,355	5,375	4,072	4,885	5,586	5,104	6,842
Maryland	8,870	8,292	10,203	13,065	26,260	27,788	34,095
Massachusetts	26,384	22,298	26,983	37,872	44,983	48,034	54,009
Michigan	28,229	31,211	40,905	61,031	105,390	121,081	139,320
Minnesota	18,756	20,624	25,130	35,137	51,080	59,243	70,292
Mississippi	30,813	31,346	31,385	23,992	31,399	33,758	42,951
Missouri	12,615	11,152	13,677	20,240	33,803	43,763	49,771
Montana	3,014	3,158	4,094	5,160	7,728	9,473	9,208
Nebraska	9,616	8,873	10,840	12,184	16,810	19,708	21,759
Nevada	24,059	18,633	17,282	17,139	16,524	19,600	23,413
New Hampshire	4,897	4,007	4,669	5,292	5,348	3,831	4,615
New Jersey	48,276	43,382	44,234	52,212	87,382	94,308	102,374
New Mexico	11,160	10,719	10,818	11,514	13,554	13,930	17,681
New York	81,098	75,775	83,618	100,360	157,602	161,193	171,222
North Carolina	32,782	32,607	29,459	30,791	43,398	37,504	58,042
North Dakota	3,107	3,140	3,545	4,714	6,299	6,854	7,266
Ohio	48,989	48,672	51,914	66,763	119,757	133,084	155,156
Oklahoma	37,366	34,275	34,290	46,275	49,227	60,276	60,184
Oregon	14,062	9,355	9,994	12,466	15,394	26,360	29,383
Pennsylvania	68,309	63,880	62,540	70,318	112,111	117,229	133,725
Rhode Island	7,250	6,483	5,308	8,264	7,455	7,646	9,302
South Carolina	18,628	16,933	18,017	17,971	21,640	19,069	26,011
South Dakota	4,477	4,154	4,882	5,669	7,151	8,525	9,274
Tennessee	16,901	17,213	18,012	18,664	28,617	35,511	49,136
Texas	303,275	278,265	264,857	258,348	278,080	290,091	331,381
Utah	12,866	12,753	13,739	13,518	18,961	19,876	26,746
Vermont	432	430	573	890	1,383	1,337	1,613
Virginia	27,204	26,997	27,294	26,486	43,376	46,366	53,944
Washington	18,143	13,421	15,019	19,089	26,221	35,250	37,793
West Virginia	3,845	3,716	4,613	6,178	10,790	11,809	13,545
Wisconsin	18,681	19,536	24,838	34,667	51,603	61,826	72,428
Wyoming	4,061	4,293	5,145	6,034	7,075	7,863	8,167
Total	**1,700,523**	**1,577,990**	**1,635,063**	**1,786,416**	**2,361,491**	**2,552,179**	**2,995,327**

[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. Average citygate price, by state, 2014-2016

(dollars per thousand cubic feet)

State	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	June	May	April	2016 March
Alabama	3.12	NA	5.04	3.34	2.99	2.90	3.00
Alaska	6.39	6.82	6.61	6.03	5.89	6.10	6.23
Arizona	3.82	4.61	5.41	3.31	2.77	3.03	4.85
Arkansas	4.01	4.73	5.90	6.16	4.79	4.60	4.53
California	2.52	3.30	5.08	2.52	2.49	2.25	2.30
Colorado	3.21	4.15	5.57	4.22	3.25	2.78	3.43
Connecticut	3.41	4.16	5.98	4.58	3.85	3.20	3.09
Delaware	4.56	NA	5.66	8.53	6.24	5.03	4.70
District of Columbia	--	--	--	--	--	--	--
Florida	3.68	NA	5.26	3.46	3.50	3.37	3.83
Georgia	3.30	3.83	5.47	3.44	3.37	3.19	3.21
Hawaii	13.66	19.52	28.79	17.26	16.20	14.19	13.19
Idaho	NA	4.29	4.25	NA	3.22	2.79	3.67
Illinois	NA	3.90	6.96	NA	3.10	3.39	3.33
Indiana	3.28	4.14	6.10	4.35	3.25	2.91	3.45
Iowa	3.65	NA	6.65	4.16	3.43	3.41	3.83
Kansas	3.71	NA	6.08	5.64	4.57	4.41	3.56
Kentucky	3.18	NA	5.34	2.85	2.93	2.97	3.26
Louisiana	2.77	3.58	5.28	3.16	2.46	2.43	2.53
Maine	6.92	NA	10.76	5.37	3.81	3.58	7.53
Maryland	NA	4.94	6.67	7.14	4.57	3.93	4.34
Massachusetts	4.08	NA	7.20	5.90	4.86	3.94	3.40
Michigan	3.60	4.40	5.93	2.76	2.87	2.91	3.90
Minnesota	3.46	4.67	7.23	3.49	2.98	2.94	3.77
Mississippi	NA	NA	5.51	3.46	3.19	3.36	NA
Missouri	3.67	4.66	5.77	5.18	4.79	4.09	3.79
Montana	3.00	4.18	5.36	2.50	2.28	2.42	3.03
Nebraska	3.66	NA	5.88	3.17	3.08	3.26	4.04
Nevada	3.37	4.42	6.26	3.74	3.19	3.16	3.18
New Hampshire	5.51	8.61	9.89	5.79	3.87	2.72	3.57
New Jersey	3.99	5.04	6.59	3.91	4.05	3.93	4.04
New Mexico	2.68	3.58	5.23	2.89	2.43	2.23	2.75
New York	3.09	3.95	5.73	5.52	4.06	3.06	2.91
North Carolina	NA	3.94	5.62	NA	3.71	3.21	3.10
North Dakota	3.53	4.64	6.75	2.83	2.71	2.97	3.65
Ohio	3.25	4.66	5.08	2.46	2.61	2.41	3.09
Oklahoma	3.66	4.62	5.32	4.77	3.83	3.73	3.58
Oregon	3.85	4.86	5.40	4.97	4.47	3.97	3.48
Pennsylvania	3.42	4.32	5.87	6.10	4.14	3.23	4.02
Rhode Island	2.20	3.49	4.21	2.05	2.09	2.14	2.22
South Carolina	3.31	4.11	5.26	3.27	3.08	3.37	3.41
South Dakota	3.27	4.14	6.64	3.06	R2.28	R2.47	R3.40
Tennessee	3.12	4.25	5.60	3.19	3.02	2.97	3.09
Texas	3.60	4.30	5.99	3.41	3.20	3.20	3.60
Utah	5.47	6.17	5.69	3.58	4.60	4.63	6.06
Vermont	5.58	NA	7.50	4.24	4.96	4.85	6.93
Virginia	3.68	4.86	6.07	6.42	4.38	3.92	3.72
Washington	NA	4.81	5.80	3.57	3.85	3.43	NA
West Virginia	3.31	4.04	5.21	4.62	3.43	3.22	3.27
Wisconsin	3.69	4.83	7.61	4.12	3.67	3.17	3.73
Wyoming	3.44	4.77	5.47	2.82	3.04	3.14	3.44
Total	**3.44**	**4.40**	**6.04**	**3.91**	**R3.42**	**R3.20**	**3.48**

See footnotes at end of table.

Table 19

Table 19. Average citygate price, by state, 2014-2016
(dollars per thousand cubic feet) – continued

State	2016 February	2016 January	2015 Total	2015 December	2015 November	2015 October	2015 September
Alabama	3.18	3.22	NA	3.27	3.61	3.83	3.81
Alaska	6.65	6.74	6.57	6.53	6.56	6.11	5.90
Arizona	4.60	3.64	NA	NA	4.42	4.25	4.48
Arkansas	3.76	3.43	4.76	4.00	4.16	5.63	5.58
California	2.65	2.72	3.27	3.02	3.08	3.32	3.42
Colorado	3.23	3.09	3.96	3.07	3.24	4.60	5.62
Connecticut	3.45	3.27	4.07	3.80	3.36	3.58	4.59
Delaware	3.84	3.81	NA	4.98	5.14	6.54	10.35
District of Columbia	--	--	--	--	--	--	--
Florida	3.95	3.86	NA	4.65	3.92	4.17	4.53
Georgia	3.27	3.35	3.82	3.51	3.37	3.80	4.14
Hawaii	10.52	10.93	18.11	14.81	14.92	14.59	15.38
Idaho	3.47	3.20	3.95	3.34	3.52	3.75	3.67
Illinois	2.79	3.12	3.82	3.43	3.17	3.61	4.91
Indiana	3.25	3.26	NA	3.52	3.62	NA	4.58
Iowa	3.62	3.65	NA	3.79	3.81	3.58	4.62
Kansas	3.41	3.38	NA	3.55	3.94	5.53	NA
Kentucky	3.26	3.24	NA	3.85	3.21	3.41	3.34
Louisiana	2.97	3.11	3.32	2.95	2.62	2.95	3.08
Maine	8.85	7.79	NA	8.01	7.52	4.38	5.52
Maryland	3.52	NA	4.99	5.19	4.26	4.07	7.19
Massachusetts	4.30	3.93	NA	5.42	4.42	4.62	7.59
Michigan	3.84	3.80	4.22	3.95	3.81	3.65	3.60
Minnesota	3.65	3.43	4.40	3.65	4.06	3.51	4.49
Mississippi	3.85	3.28	NA	4.29	NA	3.68	3.64
Missouri	3.36	3.29	4.65	3.49	3.86	5.35	6.75
Montana	3.43	3.23	3.71	3.25	2.87	3.28	3.10
Nebraska	3.87	3.62	NA	3.23	3.83	4.04	4.68
Nevada	3.56	3.38	4.06	3.15	3.57	4.40	4.38
New Hampshire	7.03	7.02	NA	6.40	4.34	NA	5.90
New Jersey	4.02	3.97	4.87	4.27	4.30	4.37	5.00
New Mexico	2.80	2.72	NA	2.76	NA	3.34	3.57
New York	2.88	2.64	4.14	3.56	3.49	4.50	7.03
North Carolina	2.87	2.98	3.81	3.10	2.79	3.88	4.46
North Dakota	3.84	3.76	4.46	3.94	4.16	4.58	5.00
Ohio	3.55	3.60	4.49	3.75	3.45	3.02	2.34
Oklahoma	3.68	3.48	4.59	3.86	4.22	5.28	5.45
Oregon	3.79	3.64	4.65	3.72	3.92	5.15	5.19
Pennsylvania	3.19	3.04	4.36	4.10	4.24	3.79	6.30
Rhode Island	2.24	2.23	3.14	2.22	2.22	2.24	2.31
South Carolina	3.27	3.42	3.90	3.48	3.20	3.56	4.01
South Dakota	R3.49	3.61	R4.16	R4.01	R4.19	R4.60	4.53
Tennessee	3.09	3.21	4.06	3.45	3.49	3.80	4.03
Texas	3.87	3.79	4.20	4.38	3.90	4.17	3.73
Utah	6.05	5.61	5.70	5.96	4.84	5.49	4.18
Vermont	5.98	5.52	NA	5.93	5.08	4.59	5.96
Virginia	3.31	3.40	4.87	4.36	4.07	4.75	5.78
Washington	3.63	3.21	4.42	3.46	3.51	4.25	5.08
West Virginia	3.38	3.14	4.00	3.63	3.57	3.60	4.77
Wisconsin	3.92	3.67	4.71	3.96	4.21	4.25	5.61
Wyoming	3.75	3.62	4.36	3.89	3.88	4.09	3.89
Total	**3.48**	**3.39**	**4.26**	**R3.76**	**R3.68**	**4.00**	**4.53**

See footnotes at end of table.

Table 19. Average citygate price, by state, 2014-2016
(dollars per thousand cubic feet) – continued

	2015						
State	**August**	**July**	**June**	**May**	**April**	**March**	**February**
Alabama	4.04	3.80	3.96	NA	4.08	4.12	3.89
Alaska	5.80	5.60	5.61	5.80	6.22	6.86	7.21
Arizona	4.53	4.55	4.29	3.81	3.95	5.45	5.08
Arkansas	6.92	6.97	6.46	5.52	6.31	4.87	4.27
California	3.55	3.56	3.42	2.96	3.13	3.27	3.30
Colorado	5.61	5.36	4.96	4.20	4.08	4.39	4.18
Connecticut	4.45	4.58	4.58	4.49	3.28	3.89	4.50
Delaware	10.03	10.56	NA	NA	6.31	4.89	5.29
District of Columbia	--	--	--	--	--	--	--
Florida	4.44	4.87	5.12	NA	5.24	6.30	5.25
Georgia	4.16	4.16	4.17	3.93	4.04	3.81	3.56
Hawaii	17.72	22.97	25.54	22.92	19.95	18.30	17.90
Idaho	4.50	4.65	3.99	3.81	3.42	4.86	4.66
Illinois	4.75	5.12	4.09	3.95	3.54	3.81	4.06
Indiana	4.82	4.57	4.61	4.26	3.55	4.23	4.09
Iowa	4.61	4.54	NA	4.32	4.12	NA	4.26
Kansas	NA	5.39	NA	5.72	3.64	4.35	4.25
Kentucky	3.41	3.44	3.97	3.78	3.75	4.24	NA
Louisiana	3.28	3.48	3.22	3.04	3.08	3.69	3.86
Maine	NA	9.76	7.37	7.25	NA	9.28	11.79
Maryland	8.78	7.38	6.50	5.79	4.14	4.40	5.60
Massachusetts	7.15	7.30	6.25	6.74	NA	4.96	7.43
Michigan	3.82	3.82	3.92	3.71	3.84	4.38	4.55
Minnesota	4.52	4.68	4.49	3.79	3.83	5.36	4.69
Mississippi	3.82	3.81	3.83	3.64	3.46	NA	3.63
Missouri	7.28	7.38	6.99	6.52	5.49	4.52	4.25
Montana	3.36	3.43	3.24	3.56	3.44	4.54	4.34
Nebraska	4.16	4.11	NA	4.71	3.93	4.87	4.29
Nevada	4.64	4.53	4.15	3.89	3.95	4.70	4.79
New Hampshire	7.17	7.87	9.74	5.52	4.46	6.46	10.71
New Jersey	4.84	4.67	4.78	4.73	4.48	5.09	5.64
New Mexico	3.74	3.64	3.55	3.17	3.56	3.77	3.56
New York	7.28	7.23	6.26	5.72	2.94	3.19	4.43
North Carolina	4.68	4.64	4.62	4.46	4.05	3.71	3.87
North Dakota	4.32	3.56	3.59	3.46	4.08	4.85	4.77
Ohio	3.04	3.24	3.98	4.21	4.51	4.79	4.78
Oklahoma	5.43	5.17	4.82	4.23	4.34	4.46	4.44
Oregon	5.84	6.30	5.36	5.37	4.68	4.83	4.84
Pennsylvania	6.22	5.85	5.60	6.61	4.51	4.23	4.04
Rhode Island	2.41	2.52	2.66	2.83	3.09	3.59	3.63
South Carolina	3.96	3.97	4.07	4.09	4.11	4.11	4.02
South Dakota	4.55	4.13	3.83	R3.01	R3.21	R4.02	4.43
Tennessee	4.00	4.12	4.14	4.60	3.95	4.32	4.17
Texas	3.86	3.94	3.71	3.59	3.75	4.18	4.32
Utah	3.96	4.34	3.99	5.69	5.99	6.40	6.81
Vermont	6.34	6.39	7.22	NA	6.55	6.62	6.84
Virginia	7.36	7.00	6.62	6.69	4.52	4.01	5.33
Washington	5.84	5.29	5.24	5.10	4.19	4.96	4.89
West Virginia	4.72	5.37	4.49	4.06	3.62	3.99	4.04
Wisconsin	5.95	5.68	5.79	4.47	4.10	4.98	4.76
Wyoming	3.50	3.06	3.55	4.32	4.31	4.67	4.95
Total	**4.58**	**4.65**	**4.43**	**4.24**	**R3.93**	**R4.34**	**4.56**

See footnotes at end of table.

Table 19

Table 19. Average citygate price, by state, 2014-2016
(dollars per thousand cubic feet) – continued

	2015						2014
State	January	Total	December	November	October	September	August
Alabama	4.18	4.93	4.62	4.56	4.90	4.78	4.80
Alaska	7.43	6.34	6.06	6.24	6.10	5.73	5.63
Arizona	4.52	5.20	4.69	5.17	5.00	4.88	5.02
Arkansas	4.48	5.84	5.27	4.98	6.83	6.87	7.61
California	3.58	4.88	4.78	4.04	4.66	4.59	4.46
Colorado	3.89	5.42	4.92	4.61	5.84	6.14	6.34
Connecticut	4.26	5.61	4.88	4.78	4.62	5.51	5.84
Delaware	4.62	5.54	4.51	4.71	5.76	6.92	7.36
District of Columbia	--	--	--	--	--	--	--
Florida	5.33	5.05	4.72	4.81	4.82	5.18	4.63
Georgia	3.87	5.19	4.95	4.58	4.85	4.77	4.95
Hawaii	13.58	26.94	16.84	22.38	23.44	28.91	30.03
Idaho	4.27	4.29	4.44	4.37	4.25	4.30	3.05
Illinois	3.87	6.28	5.31	4.72	4.47	4.95	5.32
Indiana	4.23	5.63	4.82	4.78	4.75	5.08	4.80
Iowa	4.81	6.24	5.65	5.03	4.97	6.24	6.84
Kansas	5.27	6.10	5.18	6.24	8.47	7.51	6.45
Kentucky	4.48	5.16	4.97	4.80	4.75	4.81	4.70
Louisiana	4.15	4.90	4.65	4.49	4.44	4.33	4.19
Maine	10.83	10.33	12.28	10.99	4.25	6.99	6.72
Maryland	4.61	6.36	5.68	5.03	5.76	7.00	7.77
Massachusetts	5.44	6.96	6.25	5.55	5.90	8.36	8.90
Michigan	4.63	5.54	5.04	4.72	4.65	4.72	4.78
Minnesota	4.72	6.56	5.59	5.27	4.87	5.68	5.55
Mississippi	4.37	5.29	5.19	4.67	4.85	4.67	4.69
Missouri	4.43	5.76	5.11	5.05	6.26	7.49	7.85
Montana	4.53	5.03	4.83	4.03	4.28	5.02	4.38
Nebraska	5.08	5.58	4.99	4.93	4.69	5.33	5.16
Nevada	4.49	5.90	5.19	5.44	5.55	5.86	5.56
New Hampshire	10.03	9.28	9.97	6.90	5.64	7.43	7.76
New Jersey	4.66	6.21	5.45	5.36	5.48	5.84	5.91
New Mexico	3.62	4.99	4.66	4.44	4.82	4.80	4.67
New York	3.84	5.47	4.27	4.22	5.23	6.97	7.16
North Carolina	3.90	5.41	4.71	4.60	5.50	6.09	5.94
North Dakota	5.03	6.37	5.97	5.35	5.60	5.84	5.97
Ohio	4.83	4.91	4.96	4.89	4.89	4.08	4.51
Oklahoma	5.21	5.35	4.95	5.42	6.27	5.81	6.25
Oregon	4.67	5.40	4.81	5.04	5.72	6.13	6.77
Pennsylvania	4.32	5.59	5.10	4.67	4.58	6.04	6.87
Rhode Island	3.61	4.03	3.61	3.61	3.64	3.79	3.95
South Carolina	4.23	5.22	5.00	5.00	5.43	5.44	4.87
South Dakota	4.62	6.14	5.54	4.97	5.00	5.54	5.84
Tennessee	4.30	5.37	4.66	4.93	5.16	5.31	5.45
Texas	4.94	5.77	5.62	5.81	5.66	5.02	5.04
Utah	6.35	5.74	6.78	5.53	5.89	5.01	4.79
Vermont	6.59	7.08	6.62	6.29	6.13	6.44	6.61
Virginia	4.56	5.98	5.24	5.12	6.59	7.14	7.82
Washington	4.79	5.82	5.15	5.38	5.87	6.89	7.75
West Virginia	4.13	5.07	4.80	4.52	4.46	5.57	5.75
Wisconsin	5.01	6.96	5.90	5.28	5.56	6.60	7.28
Wyoming	5.52	5.27	5.24	4.59	4.90	5.07	4.79
Total	**4.48**	**5.71**	**5.15**	**4.91**	**5.16**	**5.51**	**5.49**

See footnotes at end of table.

Table 19. Average citygate price, by state, 2014-2016
(dollars per thousand cubic feet) – continued

							2014
State	**July**	**June**	**May**	**April**	**March**	**February**	**January**
Alabama	5.23	5.61	5.66	5.37	5.16	5.07	4.45
Alaska	5.69	5.69	5.59	6.06	6.96	7.11	6.76
Arizona	5.16	5.20	5.01	5.02	5.74	6.12	5.09
Arkansas	7.98	8.17	7.71	6.87	5.97	6.20	4.86
California	5.32	4.87	5.24	4.91	5.84	4.89	4.88
Colorado	6.95	6.27	5.78	5.38	5.90	5.99	4.88
Connecticut	6.10	6.39	6.63	5.97	5.68	6.59	5.46
Delaware	7.44	4.54	6.95	5.74	5.28	5.62	5.90
District of Columbia	--	--	--	--	--	--	--
Florida	4.94	5.37	5.28	5.37	5.50	5.41	4.94
Georgia	5.22	5.55	5.48	5.17	5.48	6.26	5.03
Hawaii	29.61	32.97	30.54	29.90	27.54	25.33	26.81
Idaho	5.03	5.05	4.69	4.49	4.55	3.58	4.28
Illinois	5.55	5.63	5.20	5.23	8.22	8.33	5.87
Indiana	5.53	5.66	5.57	5.29	6.12	6.89	5.80
Iowa	6.98	7.85	7.03	5.68	7.73	7.08	5.70
Kansas	7.00	7.61	7.45	6.89	6.72	5.31	5.29
Kentucky	5.07	5.22	5.75	5.45	5.46	5.65	4.97
Louisiana	4.64	5.03	5.09	5.09	5.38	5.96	5.05
Maine	7.14	7.69	7.64	9.39	10.49	10.28	12.98
Maryland	8.67	8.30	7.59	6.23	5.77	6.53	7.26
Massachusetts	9.96	9.36	7.10	6.84	7.03	6.81	7.56
Michigan	4.97	5.09	5.03	5.25	7.40	6.18	5.08
Minnesota	6.36	6.21	5.43	5.26	9.10	8.68	5.91
Mississippi	5.30	5.58	5.08	6.11	5.04	6.49	5.05
Missouri	8.66	8.55	7.29	6.29	5.81	5.86	5.00
Montana	6.44	6.29	6.71	5.53	5.32	5.58	4.58
Nebraska	5.95	6.32	5.99	5.40	6.92	6.01	5.15
Nevada	6.02	6.03	5.93	6.38	6.48	7.16	5.60
New Hampshire	8.68	9.63	8.88	5.58	9.84	12.70	9.41
New Jersey	6.23	6.19	5.82	5.69	6.38	6.84	7.02
New Mexico	5.19	5.14	5.09	4.93	5.29	5.86	4.91
New York	7.92	7.87	7.59	5.87	4.76	5.50	6.09
North Carolina	6.64	7.06	6.78	6.03	5.43	5.99	5.04
North Dakota	7.61	7.47	6.55	5.95	7.82	8.12	5.03
Ohio	4.03	4.83	5.01	5.28	5.64	5.55	4.51
Oklahoma	6.57	6.33	5.77	5.64	6.17	4.94	4.57
Oregon	6.73	6.08	5.98	5.47	5.69	5.49	4.75
Pennsylvania	6.36	6.84	6.77	6.15	6.13	5.83	5.31
Rhode Island	4.11	4.24	4.34	4.35	4.28	4.20	4.09
South Carolina	5.43	5.95	5.87	5.84	5.96	3.18	5.24
South Dakota	7.03	6.71	5.62	5.40	8.28	7.36	5.52
Tennessee	5.77	5.79	5.67	5.60	5.66	6.01	5.22
Texas	5.37	5.62	5.65	6.00	6.53	6.51	5.45
Utah	4.49	4.46	4.26	5.65	6.42	5.90	5.80
Vermont	6.69	7.33	7.14	7.12	8.84	8.03	6.24
Virginia	8.00	7.97	7.50	6.09	5.75	6.53	5.50
Washington	7.88	7.01	6.91	5.54	6.63	5.52	5.02
West Virginia	6.01	6.09	6.37	5.18	5.39	5.38	4.69
Wisconsin	7.60	8.44	6.58	6.11	10.60	8.19	5.79
Wyoming	5.45	5.79	5.37	5.13	6.08	5.88	4.77
Total	**5.99**	**6.05**	**5.90**	**5.64**	**6.57**	**6.41**	**5.56**

[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

Table 20. Average price of natural gas sold to residential consumers, by state, 2014-2016

(dollars per thousand cubic feet)

State	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	2016 June	May	April	March
Alabama	12.54	12.95	14.02	19.07	16.95	14.27	12.01
Alaska	9.42	9.92	8.49	12.14	10.41	9.63	9.09
Arizona	14.57	17.42	15.98	19.47	17.44	16.53	18.05
Arkansas	10.17	10.53	9.53	15.40	13.73	10.89	10.33
California	11.20	11.44	11.36	11.37	R11.51	10.50	10.60
Colorado	6.73	NA	8.50	12.43	7.07	6.82	6.67
Connecticut	11.94	11.83	13.90	19.15	15.00	12.85	11.71
Delaware	10.77	11.91	12.47	17.54	13.44	11.47	10.24
District of Columbia	10.54	12.23	12.98	15.35	12.56	10.55	10.72
Florida	17.70	17.58	17.60	22.40	20.52	17.83	17.06
Georgia	13.13	13.30	13.19	24.74	20.53	16.48	13.01
Hawaii	37.08	40.97	48.56	42.55	39.90	36.85	36.99
Idaho	8.44	8.92	8.49	9.77	9.18	8.91	8.76
Illinois	6.97	7.58	9.56	12.59	10.46	7.52	7.07
Indiana	NA	NA	9.14	16.29	9.95	NA	7.97
Iowa	NA	7.84	9.96	NA	8.88	NA	7.41
Kansas	8.99	10.00	10.02	19.42	13.85	11.41	9.53
Kentucky	9.00	10.14	9.77	20.24	14.91	10.37	8.79
Louisiana	10.21	9.69	10.11	14.15	13.39	11.32	10.51
Maine	13.20	17.50	16.10	16.59	13.48	12.57	12.99
Maryland	NA	11.27	11.86	16.06	12.66	NA	11.04
Massachusetts	11.98	13.23	14.37	12.78	12.40	11.96	11.65
Michigan	7.83	8.72	9.02	12.33	9.56	7.71	7.80
Minnesota	7.59	8.97	9.80	12.21	10.52	7.59	7.96
Mississippi	9.42	8.87	8.86	14.29	13.30	11.05	9.26
Missouri	9.53	10.49	9.49	19.71	15.59	11.31	9.31
Montana	6.98	8.31	8.99	8.34	7.18	6.76	7.01
Nebraska	7.23	8.54	8.24	13.08	9.71	7.91	7.05
Nevada	10.25	11.91	10.41	12.99	11.92	11.25	10.84
New Hampshire	13.09	NA	15.87	18.19	13.97	12.22	11.76
New Jersey	7.71	7.94	9.71	10.78	9.49	8.99	8.24
New Mexico	7.03	8.17	9.58	11.32	8.69	7.44	7.03
New York	10.18	10.38	12.16	14.77	10.91	9.90	9.65
North Carolina	10.34	10.44	11.41	19.60	16.40	13.10	12.60
North Dakota	6.58	8.08	8.49	19.26	9.55	6.92	6.33
Ohio	7.67	8.56	9.24	19.29	11.73	8.01	7.16
Oklahoma	8.63	9.01	8.81	19.82	16.74	10.97	8.93
Oregon	12.10	NA	11.22	15.63	15.03	13.70	12.03
Pennsylvania	9.47	10.94	11.27	15.62	11.30	9.91	9.51
Rhode Island	13.11	13.57	14.32	16.89	14.49	13.42	12.64
South Carolina	11.35	11.03	12.11	24.19	18.70	15.24	13.53
South Dakota	6.86	8.01	9.23	11.31	7.72	6.85	7.12
Tennessee	8.16	8.93	9.64	14.85	12.52	9.55	7.90
Texas	NA	9.27	9.96	NA	16.37	11.66	10.04
Utah	8.93	9.85	9.07	9.81	8.89	8.96	9.50
Vermont	13.30	13.78	13.78	18.40	14.26	13.30	12.66
Virginia	10.01	10.73	11.43	15.51	12.69	10.63	10.20
Washington	NA	10.96	10.62	NA	9.96	9.50	10.01
West Virginia	8.88	10.21	9.73	15.56	11.71	9.35	8.81
Wisconsin	7.61	NA	10.89	10.56	8.63	7.57	7.39
Wyoming	7.76	8.96	8.69	12.40	9.17	7.92	7.71
Total	**9.22**	**9.87**	**10.56**	**14.49**	**R11.64**	**9.66**	**9.23**

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

	2016		2015				
State	February	January	Total	December	November	October	September
Alabama	11.12	12.00	13.95	14.30	17.67	19.12	20.38
Alaska	9.03	8.91	9.68	8.79	8.89	9.44	9.86
Arizona	13.82	11.99	17.04	12.75	14.57	20.77	23.01
Arkansas	9.06	9.54	11.20	10.34	13.80	17.40	18.15
California	11.52	11.45	11.38	11.37	10.31	11.53	11.91
Colorado	6.44	6.06	NA	6.45	6.88	9.26	13.03
Connecticut	10.65	10.32	12.47	11.82	12.50	15.30	21.49
Delaware	9.71	10.09	NA	11.09	14.03	NA	23.22
District of Columbia	9.53	9.96	12.52	10.70	12.60	16.21	18.17
Florida	16.00	16.78	19.29	19.15	21.56	23.37	24.41
Georgia	10.94	10.79	15.06	14.41	15.20	20.43	25.75
Hawaii	33.65	33.36	40.00	38.20	38.46	37.38	36.33
Idaho	8.20	7.97	8.62	7.89	7.74	8.93	9.56
Illinois	6.29	5.82	7.95	6.28	7.11	9.68	15.35
Indiana	6.33	5.95	NA	6.91	7.32	9.26	15.21
Iowa	6.50	6.51	8.49	7.29	8.41	13.15	16.40
Kansas	7.90	7.27	NA	7.81	NA	14.37	19.68
Kentucky	7.65	7.88	10.94	9.41	11.07	16.21	21.14
Louisiana	8.69	9.42	10.71	10.70	13.57	14.79	15.57
Maine	13.08	13.12	NA	13.63	13.49	NA	21.79
Maryland	9.46	9.95	12.05	13.12	12.72	13.51	19.39
Massachusetts	12.02	11.93	NA	12.66	11.15	NA	13.23
Michigan	7.58	7.25	8.78	7.55	7.84	8.93	13.21
Minnesota	6.93	7.05	8.84	7.16	7.71	9.33	12.75
Mississippi	8.17	8.65	9.71	9.71	12.13	13.96	15.39
Missouri	8.12	7.98	11.59	9.51	14.08	20.53	23.91
Montana	6.89	6.80	8.21	6.81	7.34	9.01	11.04
Nebraska	6.56	6.49	8.94	6.88	9.51	13.92	15.70
Nevada	9.75	9.12	11.82	8.96	10.80	14.95	16.14
New Hampshire	12.70	14.05	NA	15.13	14.18	17.97	23.02
New Jersey	6.86	6.55	8.37	7.85	9.08	10.30	12.38
New Mexico	6.41	6.32	8.58	6.71	8.21	12.99	14.74
New York	9.45	10.31	11.20	11.42	12.27	14.26	17.53
North Carolina	9.05	8.75	NA	12.84	12.12	14.57	21.72
North Dakota	5.62	5.51	NA	5.61	6.57	9.60	NA
Ohio	6.44	6.48	9.49	7.40	9.68	15.36	24.31
Oklahoma	6.82	6.54	10.26	7.35	14.41	23.39	25.23
Oregon	12.03	10.43	NA	NA	10.10	13.88	14.81
Pennsylvania	8.64	8.75	NA	9.85	10.56	NA	18.32
Rhode Island	12.35	12.73	14.23	13.47	15.46	19.02	20.98
South Carolina	9.79	9.07	NA	NA	NA	16.51	24.15
South Dakota	6.57	6.28	8.21	6.56	7.95	10.32	14.21
Tennessee	7.28	7.42	9.69	9.28	11.82	14.51	17.47
Texas	7.81	7.79	10.65	9.34	15.54	19.25	20.97
Utah	8.79	8.59	9.72	8.75	9.22	10.85	10.89
Vermont	12.53	13.24	14.56	13.84	14.89	18.41	23.16
Virginia	8.76	9.45	11.58	12.09	11.72	15.81	19.45
Washington	10.28	9.23	10.61	9.15	9.71	11.24	11.71
West Virginia	8.30	8.30	10.46	8.84	9.60	12.20	17.53
Wisconsin	7.24	7.46	NA	7.38	7.89	8.42	12.80
Wyoming	7.16	6.90	9.19	7.11	8.57	13.00	15.37
Total	**8.39**	**8.30**	**10.38**	**9.29**	**10.06**	**12.59**	**16.37**

See footnotes at end of table.

Table 20

Table 20. Average price of natural gas sold to residential consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

State	2015 August	July	June	May	April	March	February
Alabama	20.60	20.35	19.49	17.67	15.12	12.00	12.06
Alaska	11.50	11.78	11.38	10.94	10.09	9.72	9.68
Arizona	24.01	23.59	21.53	19.21	18.94	18.93	18.87
Arkansas	19.19	17.53	15.95	13.32	11.21	9.60	10.48
California	11.85	11.68	11.72	11.34	10.92	11.29	11.52
Colorado	13.61	14.21	NA	NA	7.97	8.40	7.88
Connecticut	19.33	18.22	17.38	14.38	12.52	10.97	11.07
Delaware	23.75	21.80	20.74	16.05	12.74	11.27	11.33
District of Columbia	18.15	17.68	17.37	14.98	12.70	12.47	10.97
Florida	24.59	24.58	22.58	21.22	18.76	16.17	15.92
Georgia	24.78	25.45	24.37	20.46	16.41	12.51	11.40
Hawaii	37.43	45.12	48.61	45.22	40.77	39.70	38.80
Idaho	10.96	10.72	10.11	9.24	8.89	9.15	8.82
Illinois	15.87	15.10	13.60	11.45	8.40	7.43	6.44
Indiana	17.31	17.18	NA	13.40	10.63	9.21	7.53
Iowa	17.34	15.67	12.98	10.05	8.48	7.73	7.12
Kansas	20.79	19.38	17.69	14.53	13.67	9.77	8.61
Kentucky	22.36	23.26	21.66	17.22	13.02	9.02	8.98
Louisiana	16.20	15.18	14.71	13.30	11.05	8.67	9.04
Maine	22.87	20.79	17.15	16.59	17.35	17.54	17.47
Maryland	19.08	18.44	18.35	16.81	11.50	10.73	10.12
Massachusetts	13.78	13.26	12.15	12.71	12.68	12.41	13.55
Michigan	13.52	13.65	12.50	10.50	8.86	8.34	8.36
Minnesota	13.01	13.30	13.54	10.65	8.90	9.50	8.28
Mississippi	15.82	14.87	14.42	12.94	10.55	8.25	8.27
Missouri	25.19	23.68	20.81	17.03	12.67	9.26	9.64
Montana	11.78	11.68	10.00	8.43	8.19	8.01	8.15
Nebraska	15.79	14.88	12.28	10.40	9.23	7.97	7.95
Nevada	16.41	16.72	15.51	14.34	13.30	11.84	11.40
New Hampshire	22.79	19.32	16.56	15.20	15.17	15.40	16.28
New Jersey	12.98	12.03	11.42	9.61	7.37	7.54	7.86
New Mexico	14.81	14.45	11.71	9.85	8.85	7.57	7.32
New York	17.33	17.10	16.28	12.70	10.18	9.34	9.79
North Carolina	NA	21.31	21.14	17.77	14.21	10.06	8.99
North Dakota	NA	21.07	17.38	10.21	8.62	7.54	7.04
Ohio	25.46	23.83	19.95	13.10	9.14	7.76	7.53
Oklahoma	26.66	23.13	19.22	15.80	12.24	7.54	8.09
Oregon	17.52	16.60	NA	14.35	12.08	13.85	12.95
Pennsylvania	18.62	17.83	15.82	13.67	10.84	10.93	10.35
Rhode Island	20.92	19.72	17.83	15.77	13.87	13.05	12.92
South Carolina	22.97	24.86	24.79	21.41	17.06	10.76	8.91
South Dakota	14.83	14.38	12.22	9.08	8.36	7.96	7.50
Tennessee	19.78	17.72	16.06	14.27	10.49	7.63	8.53
Texas	21.15	18.32	16.62	15.82	11.63	7.46	8.48
Utah	10.85	10.69	9.90	9.55	9.99	9.99	10.40
Vermont	23.04	21.69	19.41	15.81	13.73	13.09	13.00
Virginia	21.10	20.25	19.45	15.62	11.57	10.12	9.27
Washington	12.57	12.37	12.13	11.35	10.95	10.94	10.79
West Virginia	19.04	19.80	17.02	12.86	10.91	9.88	9.77
Wisconsin	14.05	13.27	13.10	9.28	NA	8.29	8.03
Wyoming	15.71	15.33	11.44	9.41	9.25	8.55	8.75
Total	**16.80**	**16.21**	**15.07**	**12.61**	**10.42**	**9.28**	**9.10**

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

	2015						2014
State	January	Total	December	November	October	September	August
Alabama	12.64	14.59	13.51	14.49	20.57	21.83	21.81
Alaska	9.55	9.11	9.59	9.22	9.35	10.43	12.05
Arizona	14.36	17.20	16.55	17.48	21.92	23.70	24.03
Arkansas	10.21	10.39	10.38	11.72	17.48	18.96	18.85
California	11.67	11.51	11.27	11.04	12.32	12.32	12.05
Colorado	7.95	8.89	8.15	8.08	10.06	13.58	15.47
Connecticut	11.64	14.13	12.38	12.65	17.79	20.30	20.65
Delaware	11.23	13.21	12.09	14.86	21.17	23.45	23.95
District of Columbia	11.85	13.05	11.85	12.50	14.12	16.87	16.90
Florida	16.60	19.02	17.20	20.31	23.66	24.73	25.39
Georgia	12.03	14.45	12.72	13.02	22.13	25.86	26.14
Hawaii	35.00	47.51	38.71	44.85	44.84	49.55	51.36
Idaho	8.66	8.54	8.49	8.40	8.69	9.28	9.39
Illinois	7.28	9.59	8.22	7.76	9.91	14.35	18.07
Indiana	8.11	9.02	8.44	7.09	8.06	13.75	15.50
Iowa	7.50	10.02	8.38	8.83	11.31	16.00	17.83
Kansas	9.22	10.59	9.04	10.72	16.89	20.09	21.20
Kentucky	9.54	10.62	9.89	10.16	15.91	22.23	22.84
Louisiana	9.17	10.89	10.16	11.54	15.82	16.44	16.12
Maine	17.93	16.90	18.26	16.31	17.51	22.80	25.70
Maryland	11.20	12.21	11.56	11.04	15.16	17.84	19.63
Massachusetts	14.47	14.50	14.85	14.47	13.14	15.40	16.22
Michigan	8.58	9.33	9.03	8.89	10.09	12.54	14.65
Minnesota	8.61	9.89	9.66	8.94	10.09	12.91	13.56
Mississippi	8.16	9.49	9.01	9.72	14.68	15.45	15.09
Missouri	9.43	10.83	10.45	12.23	19.08	24.84	25.86
Montana	8.33	9.11	8.26	8.52	10.08	11.18	13.58
Nebraska	8.38	8.77	8.13	9.09	12.44	14.79	15.78
Nevada	10.42	11.44	10.61	12.44	15.50	15.98	16.75
New Hampshire	NA	16.27	16.98	15.25	16.57	20.74	21.71
New Jersey	7.86	9.69	8.03	9.26	11.50	12.90	13.05
New Mexico	8.00	10.13	8.73	10.12	14.07	15.57	16.29
New York	10.51	12.54	10.66	12.27	15.99	17.86	18.88
North Carolina	10.13	11.88	11.30	10.89	15.88	20.77	23.23
North Dakota	7.87	8.86	7.96	7.85	10.39	14.22	17.00
Ohio	7.90	10.16	8.91	10.06	15.52	23.30	25.28
Oklahoma	7.85	10.10	8.16	12.89	23.93	26.46	26.55
Oregon	11.70	11.72	11.94	11.19	13.36	15.53	16.90
Pennsylvania	10.57	11.77	10.85	11.54	14.89	18.78	20.46
Rhode Island	13.22	15.14	13.71	16.98	21.73	23.13	23.43
South Carolina	10.29	12.65	11.69	10.66	18.88	25.27	24.75
South Dakota	7.63	9.27	7.79	8.46	10.75	13.36	15.55
Tennessee	8.78	10.13	9.20	10.11	16.12	18.54	18.12
Texas	8.66	11.16	10.06	12.69	19.55	20.30	21.03
Utah	9.44	9.48	9.89	9.76	11.08	11.66	11.85
Vermont	13.79	14.68	14.08	15.46	19.48	22.49	23.63
Virginia	10.76	12.07	11.10	11.92	18.73	20.92	20.63
Washington	10.75	10.59	10.46	10.33	10.25	11.03	11.30
West Virginia	9.78	10.21	9.96	10.38	11.53	15.01	18.04
Wisconsin	8.51	10.52	9.46	8.99	9.10	12.28	13.73
Wyoming	8.52	9.34	8.77	9.41	12.07	14.80	16.72
Total	**9.50**	**10.97**	**10.01**	**10.19**	**13.11**	**16.27**	**17.41**

See footnotes at end of table.

Table 20

Table 20. Average price of natural gas sold to residential consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

State	July	June	May	April	March	February	January
							2014
Alabama	21.77	20.89	18.60	15.46	13.78	13.11	13.15
Alaska	12.01	10.63	7.77	6.82	7.18	9.42	9.49
Arizona	23.29	21.54	18.99	17.61	18.04	15.54	13.03
Arkansas	18.24	16.07	13.29	10.65	8.98	8.66	8.94
California	12.50	12.03	12.14	11.46	11.76	11.12	10.69
Colorado	15.45	12.81	10.23	9.30	8.21	7.84	7.66
Connecticut	20.34	20.33	17.78	16.51	13.89	13.13	11.30
Delaware	22.96	20.49	15.55	12.79	11.88	11.79	11.92
District of Columbia	17.99	16.68	14.23	14.02	14.57	11.77	11.40
Florida	24.68	22.02	20.88	18.70	17.27	15.81	16.01
Georgia	25.80	23.93	18.77	15.67	13.22	12.22	11.14
Hawaii	49.29	52.40	50.96	49.25	49.21	44.69	45.67
Idaho	9.11	9.25	8.95	8.47	8.68	8.41	8.24
Illinois	17.93	17.26	14.33	13.40	10.96	8.09	7.34
Indiana	17.38	21.29	15.51	11.64	9.11	8.49	7.63
Iowa	17.04	15.46	12.19	9.60	10.98	9.93	8.54
Kansas	20.37	18.22	13.72	11.41	9.68	9.40	8.89
Kentucky	23.34	21.38	16.13	11.39	9.22	8.82	8.80
Louisiana	16.39	15.54	13.92	11.57	9.90	9.38	8.90
Maine	23.11	19.40	16.53	16.20	16.41	16.29	14.92
Maryland	19.72	17.87	15.05	13.06	11.97	11.42	10.39
Massachusetts	16.11	14.82	14.69	15.74	14.98	13.77	13.39
Michigan	14.08	13.03	11.14	9.90	9.15	8.64	8.17
Minnesota	14.72	14.80	10.18	10.17	11.28	9.55	8.46
Mississippi	15.28	14.62	12.30	9.80	8.89	8.17	7.98
Missouri	25.05	21.26	15.34	11.34	8.97	8.08	8.36
Montana	13.39	12.45	10.92	9.79	8.80	8.29	8.01
Nebraska	15.57	13.50	10.64	9.01	8.39	7.77	7.08
Nevada	16.16	14.24	12.95	11.47	10.47	9.57	9.13
New Hampshire	20.34	17.02	17.27	16.95	16.11	15.59	14.41
New Jersey	12.77	12.23	11.06	9.43	9.11	9.74	9.70
New Mexico	16.24	14.45	11.77	10.75	10.24	8.75	8.07
New York	18.99	17.99	14.55	12.49	11.78	11.32	11.18
North Carolina	21.55	24.63	21.09	13.64	10.23	11.38	10.46
North Dakota	20.13	16.60	10.73	9.55	8.94	7.69	7.02
Ohio	24.66	20.55	13.55	9.94	8.84	8.42	7.96
Oklahoma	24.27	21.33	16.17	11.60	8.30	7.52	7.00
Oregon	14.58	14.30	13.75	11.97	11.59	10.12	10.66
Pennsylvania	20.23	18.55	13.93	11.94	11.09	10.54	10.49
Rhode Island	22.85	20.80	18.06	14.92	13.44	13.38	13.24
South Carolina	27.01	25.42	20.86	14.68	11.26	12.26	10.20
South Dakota	15.31	13.07	10.31	9.20	10.01	9.17	8.00
Tennessee	18.86	17.54	14.18	11.57	9.65	9.10	8.34
Texas	20.22	18.67	16.16	12.53	10.08	8.56	8.24
Utah	11.18	10.36	8.53	9.17	9.99	8.97	8.55
Vermont	22.45	20.12	15.77	13.58	13.59	12.95	13.27
Virginia	21.11	19.73	15.43	12.56	11.57	10.45	10.16
Washington	11.03	10.85	10.57	10.39	10.29	10.80	10.81
West Virginia	17.72	15.60	12.46	10.40	9.41	9.32	9.22
Wisconsin	14.35	13.60	14.55	11.56	13.82	9.62	8.83
Wyoming	15.58	12.51	9.85	9.27	8.57	7.95	7.91
Total	**17.23**	**16.13**	**13.60**	**11.76**	**10.70**	**9.77**	**9.26**

[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: Starting in 2011, residential price data are based on total gas deliveries in the states of Georgia, New York and Ohio only. Published prices are considered to be total prices paid by end-users per thousand cubic feet of natural gas in the respective sectors, inclusive of all tax, delivery, commodity, demand and other charges. Prices are in nominal dollars. See Appendix A, Explanatory Note 8, for discussion of computations and revision policy. See Table 24 for data on onsystem sales expressed as a percentage of total residential, total commercial, and total industrial deliveries.

Sources: Energy Information Administration (EIA): Form EIA-857, "*Monthly Report of Natural Gas Purchases and Deliveries to Consumers*," and Form EIA-910, "*Monthly Natural Gas Marketer Survey*."

Table 21. Average price of natural gas sold to commercial consumers, by state, 2014-2016

(dollars per thousand cubic feet)

State	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	June	May	April	2016 March
Alabama	10.08	10.85	11.83	11.13	10.45	10.46	10.04
Alaska	7.93	8.31	7.99	8.41	8.00	R7.90	R7.87
Arizona	9.11	11.07	9.75	8.69	8.77	9.07	9.73
Arkansas	6.99	8.22	7.53	7.22	7.11	6.85	7.11
California	7.78	8.15	9.16	7.38	7.29	7.14	8.12
Colorado	6.01	NA	7.89	7.88	6.04	5.95	5.91
Connecticut	NA	8.31	10.37	11.77	9.82	9.33	7.90
Delaware	9.04	10.46	11.10	10.87	10.03	9.33	8.79
District of Columbia	9.90	11.79	12.29	11.31	10.24	10.24	10.21
Florida	10.46	10.64	11.30	10.38	10.16	10.29	10.50
Georgia	7.26	8.29	9.77	8.53	8.22	7.98	7.42
Hawaii	27.64	32.42	42.15	32.82	30.04	28.09	27.26
Idaho	7.36	7.84	7.74	7.79	7.69	7.80	7.58
Illinois	6.42	6.99	8.93	10.90	9.45	6.96	6.49
Indiana	NA	7.86	8.49	9.35	7.08	NA	6.92
Iowa	5.56	6.46	8.38	7.30	5.69	5.48	5.80
Kansas	NA	8.92	9.25	12.67	NA	NA	8.83
Kentucky	7.18	8.64	8.59	10.75	9.17	7.98	7.09
Louisiana	7.57	8.07	9.13	7.20	7.27	7.13	7.71
Maine	10.66	15.85	14.80	9.62	9.54	9.71	10.79
Maryland	NA	9.85	10.51	9.85	NA	NA	8.87
Massachusetts	9.30	11.41	12.58	8.49	9.21	9.45	9.14
Michigan	6.68	7.56	8.22	8.19	7.23	6.48	6.63
Minnesota	NA	7.71	8.79	7.37	NA	6.10	6.49
Mississippi	7.73	7.84	8.31	7.06	7.54	8.07	7.86
Missouri	7.37	8.85	8.28	9.35	8.51	7.89	7.19
Montana	6.89	8.01	8.73	7.76	6.94	6.66	6.93
Nebraska	5.28	6.90	7.30	4.69	4.67	4.89	5.35
Nevada	7.34	9.01	7.64	7.08	7.04	7.25	7.59
New Hampshire	10.62	13.93	15.10	13.28	11.22	9.96	9.55
New Jersey	7.50	8.56	10.35	7.72	7.15	6.80	7.50
New Mexico	5.20	6.26	7.76	5.85	5.36	5.20	5.20
New York	6.35	7.20	8.83	5.76	5.99	6.23	6.40
North Carolina	7.36	NA	8.84	8.52	8.02	7.79	8.54
North Dakota	5.24	7.06	7.66	6.77	5.43	4.68	5.27
Ohio	5.48	6.64	7.74	7.03	6.17	5.38	5.31
Oklahoma	6.62	7.58	7.45	12.45	11.01	8.18	6.86
Oregon	9.51	NA	9.18	11.57	10.74	9.73	9.32
Pennsylvania	7.82	9.52	10.04	10.69	8.74	8.12	8.21
Rhode Island	10.64	11.51	12.27	13.58	11.51	10.79	10.32
South Carolina	7.92	8.24	9.65	7.72	7.36	8.28	8.28
South Dakota	5.22	6.34	7.85	6.40	5.03	4.90	5.55
Tennessee	7.18	8.27	9.09	8.28	7.60	7.58	7.01
Texas	6.09	NA	8.12	6.63	6.74	6.06	6.08
Utah	7.46	8.27	7.49	6.84	6.77	7.37	7.91
Vermont	6.64	8.69	9.59	5.51	6.71	6.60	6.22
Virginia	6.91	8.11	9.01	7.22	7.24	6.65	7.18
Washington	NA	9.49	8.92	NA	7.85	7.76	7.79
West Virginia	7.59	9.16	8.63	9.80	9.02	7.90	7.58
Wisconsin	6.28	NA	9.29	5.26	5.30	5.98	6.07
Wyoming	6.38	NA	7.36	7.03	6.85	6.41	6.35
Total	**6.97**	**7.98**	**8.93**	**7.70**	**7.34**	**6.94**	**7.05**

See footnotes at end of table.

Table 21

Table 21. Average price of natural gas sold to commercial consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

State	2016 February	2016 January	2015 Total	2015 December	2015 November	2015 October	2015 September
Alabama	9.70	9.81	11.03	10.73	11.47	11.40	11.75
Alaska	R7.87	R7.88	8.01	7.55	7.60	7.87	7.21
Arizona	9.32	8.93	10.53	9.17	9.36	10.14	10.40
Arkansas	6.74	7.16	8.08	7.29	7.86	7.71	8.00
California	8.43	7.98	7.98	8.23	7.20	7.69	7.84
Colorado	5.94	5.79	NA	6.18	6.49	7.83	9.19
Connecticut	7.26	NA	8.56	8.18	8.48	9.53	10.53
Delaware	8.58	8.75	10.70	9.15	10.82	12.54	13.93
District of Columbia	9.30	9.50	11.55	10.01	11.28	11.68	11.50
Florida	10.62	10.70	10.74	10.89	10.69	10.61	11.15
Georgia	7.05	6.57	8.49	7.80	9.72	8.65	9.38
Hawaii	23.66	24.18	31.17	28.72	28.13	27.06	28.60
Idaho	7.19	7.08	7.61	7.12	6.93	7.65	8.00
Illinois	5.86	5.52	R7.27	6.02	6.63	8.21	R12.54
Indiana	5.58	5.26	7.58	6.16	6.05	6.18	8.02
Iowa	5.39	5.35	6.49	5.72	6.39	5.99	8.14
Kansas	7.11	6.63	8.83	7.08	7.25	9.39	12.47
Kentucky	6.37	6.72	8.80	7.72	8.63	9.42	10.55
Louisiana	7.71	8.04	7.93	7.87	7.66	7.63	7.61
Maine	11.16	11.36	14.40	11.30	10.48	8.63	11.47
Maryland	8.18	NA	10.00	10.44	9.56	9.98	11.11
Massachusetts	9.49	9.34	NA	10.00	8.57	NA	8.52
Michigan	6.64	6.50	7.49	6.59	6.75	7.46	9.05
Minnesota	6.08	6.53	7.30	6.10	6.20	6.43	7.72
Mississippi	7.58	7.96	7.86	8.06	7.98	7.81	7.84
Missouri	6.92	7.06	9.10	7.84	9.86	11.01	10.71
Montana	6.88	6.77	7.82	6.59	7.05	8.22	9.37
Nebraska	5.51	5.46	6.54	5.34	5.67	5.91	6.43
Nevada	7.48	7.34	8.66	7.37	7.82	8.58	9.10
New Hampshire	10.47	11.46	13.63	12.39	11.15	12.30	14.76
New Jersey	7.66	7.76	8.52	8.24	8.66	8.10	8.03
New Mexico	5.04	5.10	NA	5.28	NA	7.67	7.65
New York	6.58	6.59	6.89	6.82	6.33	6.27	5.99
North Carolina	6.97	6.64	NA	NA	8.45	8.01	9.30
North Dakota	5.22	5.26	6.70	5.23	5.68	6.18	7.91
Ohio	5.30	5.32	6.62	5.53	6.03	6.79	7.99
Oklahoma	5.48	5.45	8.22	6.14	10.78	14.21	14.85
Oregon	9.25	8.84	NA	9.09	8.39	10.18	10.13
Pennsylvania	7.44	7.19	NA	8.13	8.27	NA	11.10
Rhode Island	10.10	10.37	11.97	10.96	12.87	15.74	17.11
South Carolina	8.05	7.72	8.37	10.06	8.35	7.97	8.28
South Dakota	5.31	4.99	6.11	5.29	5.27	5.68	7.07
Tennessee	7.00	6.93	8.46	8.33	8.72	8.92	9.37
Texas	5.77	5.90	NA	6.52	7.24	7.66	7.71
Utah	7.55	7.46	7.97	7.53	7.33	7.33	7.29
Vermont	7.00	7.14	NA	7.37	6.65	6.20	6.97
Virginia	6.67	6.88	8.11	7.93	7.57	8.02	8.91
Washington	8.38	7.85	9.14	7.80	8.35	9.32	9.42
West Virginia	7.31	7.18	9.15	7.64	7.94	9.96	11.49
Wisconsin	6.35	6.86	NA	6.12	6.34	5.37	6.18
Wyoming	6.23	6.16	NA	6.19	6.65	7.36	7.80
Total	**6.82**	**6.74**	**7.89**	**7.21**	**7.38**	**7.74**	**R8.38**

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

							2015
State	**August**	**July**	**June**	**May**	**April**	**March**	**February**
Alabama	11.93	11.89	11.70	11.52	11.55	10.48	10.60
Alaska	8.23	8.15	8.62	7.85	8.03	8.14	8.44
Arizona	10.52	10.67	10.83	10.76	10.84	11.40	11.75
Arkansas	8.19	8.09	8.20	7.89	7.75	8.02	8.51
California	7.87	7.68	7.66	6.98	7.83	8.64	8.52
Colorado	9.33	9.41	NA	NA	7.18	7.87	7.48
Connecticut	9.52	9.29	10.09	9.43	8.53	7.57	7.83
Delaware	13.86	13.35	12.71	11.90	10.60	10.26	10.11
District of Columbia	11.17	11.15	11.73	12.32	12.30	12.47	10.81
Florida	10.91	10.92	10.88	9.83	10.46	10.56	10.90
Georgia	9.07	9.08	9.02	8.61	8.60	7.96	8.07
Hawaii	30.45	36.02	38.76	36.86	32.56	31.08	30.83
Idaho	8.12	8.41	7.99	7.93	7.94	7.95	7.79
Illinois	12.68	11.48	11.62	10.05	7.65	6.80	6.14
Indiana	10.62	10.56	11.15	10.27	8.86	8.49	6.85
Iowa	8.95	8.45	7.33	6.50	6.25	6.47	6.25
Kansas	11.98	12.42	12.44	10.80	10.20	8.98	7.98
Kentucky	11.34	11.98	11.54	10.94	10.06	8.00	8.23
Louisiana	7.72	7.73	7.69	7.52	7.62	7.93	8.40
Maine	12.29	12.17	11.42	13.23	15.66	16.18	16.31
Maryland	11.61	10.98	11.74	11.50	9.53	9.41	9.58
Massachusetts	9.00	8.94	8.34	10.25	11.22	10.59	12.00
Michigan	9.17	9.31	8.91	7.90	7.26	7.34	7.51
Minnesota	8.03	8.17	8.86	7.34	7.54	8.33	7.15
Mississippi	7.68	7.79	7.83	7.83	7.96	7.63	7.84
Missouri	11.85	11.87	11.13	10.34	9.30	8.15	8.67
Montana	9.44	9.42	8.81	7.97	7.93	7.74	7.94
Nebraska	6.25	6.03	5.51	5.54	6.38	6.67	7.09
Nevada	9.07	9.45	9.64	9.64	9.24	8.94	8.82
New Hampshire	14.78	13.74	12.55	12.26	12.85	13.46	14.33
New Jersey	8.78	8.66	8.35	7.86	7.33	8.57	8.76
New Mexico	7.65	7.52	6.77	6.89	6.16	5.78	5.91
New York	5.75	6.08	6.84	6.68	7.27	7.14	7.21
North Carolina	NA	9.38	9.81	8.47	8.32	NA	7.31
North Dakota	8.86	8.73	8.36	6.66	6.63	6.84	6.86
Ohio	8.02	8.14	7.82	7.17	6.64	6.45	6.44
Oklahoma	15.18	13.62	12.76	11.37	9.31	6.68	7.09
Oregon	11.12	10.76	NA	10.77	9.71	10.60	10.30
Pennsylvania	11.21	12.09	11.25	10.73	10.04	9.18	9.34
Rhode Island	17.00	16.62	15.39	13.01	11.71	11.12	11.10
South Carolina	8.04	8.33	8.38	7.94	8.26	7.75	8.04
South Dakota	7.15	7.35	6.79	6.34	6.25	6.43	6.21
Tennessee	9.86	9.34	9.03	9.04	8.69	7.34	8.21
Texas	7.63	7.50	6.53	6.85	6.62	NA	NA
Utah	7.30	7.26	7.38	7.48	8.18	8.51	8.77
Vermont	NA	6.10	6.78	8.53	9.02	8.88	8.94
Virginia	8.58	8.55	9.12	9.06	8.17	7.62	7.64
Washington	10.04	9.80	9.58	9.46	9.40	9.37	9.57
West Virginia	11.90	11.49	12.45	10.71	9.54	8.97	8.89
Wisconsin	6.44	6.42	6.73	5.53	NA	7.05	7.26
Wyoming	7.55	7.74	7.89	7.66	7.79	7.83	8.03
Total	**8.45**	**8.45**	**8.50**	**8.04**	**7.99**	**7.79**	**7.84**

See footnotes at end of table.

Table 21

Table 21. Average price of natural gas sold to commercial consumers, by state, 2014-2016

(dollars per thousand cubic feet) – continued

	2015						2014
State	January	Total	December	November	October	September	August
Alabama	10.74	11.92	11.19	11.51	12.55	13.20	13.05
Alaska	8.70	8.30	8.27	8.51	8.74	8.74	9.29
Arizona	10.72	10.34	11.12	10.95	11.47	11.45	11.10
Arkansas	8.42	7.88	8.28	8.52	8.39	9.08	9.48
California	8.89	9.05	9.26	8.50	8.88	8.72	8.73
Colorado	7.70	8.15	7.82	7.92	8.48	10.45	10.96
Connecticut	8.56	10.24	9.13	9.19	11.48	11.13	10.84
Delaware	10.19	11.42	10.54	11.92	13.94	14.36	14.60
District of Columbia	11.65	12.18	11.84	11.99	11.22	11.96	11.63
Florida	11.02	11.38	10.80	11.28	11.27	11.77	11.93
Georgia	8.36	9.86	9.04	8.79	11.49	11.30	11.50
Hawaii	25.72	40.42	29.74	36.64	36.33	42.06	44.41
Idaho	7.73	7.70	7.61	7.60	7.68	7.71	7.89
Illinois	6.81	8.86	7.76	7.14	8.68	11.71	14.66
Indiana	7.46	8.19	8.02	6.61	7.21	8.28	9.93
Iowa	6.58	8.15	7.50	6.96	7.14	9.68	10.53
Kansas	8.69	9.53	8.42	9.56	12.62	13.62	13.93
Kentucky	8.33	9.04	8.73	8.91	11.03	12.46	12.73
Louisiana	8.60	9.01	8.77	8.57	8.74	9.00	8.66
Maine	16.74	15.13	17.75	14.52	13.71	14.42	14.98
Maryland	10.03	10.52	10.57	9.37	10.79	12.06	11.10
Massachusetts	12.71	12.48	13.00	12.29	9.98	11.68	12.01
Michigan	7.67	8.28	7.95	7.93	8.68	9.79	10.14
Minnesota	7.86	8.66	8.50	8.04	8.37	8.70	8.65
Mississippi	8.01	8.36	8.27	8.49	8.97	8.08	8.50
Missouri	8.76	8.96	9.14	10.31	11.24	12.43	12.64
Montana	8.13	8.77	8.04	8.19	9.46	9.94	11.11
Nebraska	7.82	7.27	7.26	6.98	7.02	6.86	7.48
Nevada	8.60	8.21	8.58	8.98	9.32	9.22	9.60
New Hampshire	15.54	14.96	14.50	13.47	13.37	16.05	16.56
New Jersey	9.07	10.08	9.29	9.46	9.51	9.59	9.67
New Mexico	6.63	7.87	7.28	7.73	8.56	8.78	9.03
New York	7.56	8.31	7.60	7.32	7.20	7.15	7.21
North Carolina	8.33	9.12	9.47	8.73	9.81	9.62	10.30
North Dakota	7.50	7.74	7.64	7.43	8.00	8.44	9.08
Ohio	6.69	7.82	7.04	7.26	9.13	8.85	10.04
Oklahoma	7.03	8.26	7.06	10.47	15.78	16.47	15.90
Oregon	9.94	9.44	10.05	9.43	9.87	9.79	9.77
Pennsylvania	9.34	10.13	9.68	9.38	10.57	12.33	12.90
Rhode Island	11.22	12.89	11.21	14.68	18.23	18.89	19.81
South Carolina	8.83	9.55	9.94	8.71	9.46	9.53	8.84
South Dakota	6.37	7.65	6.92	6.85	7.81	8.06	8.68
Tennessee	8.59	9.30	8.90	9.15	10.57	10.67	10.62
Texas	7.40	8.26	7.98	8.12	8.72	8.68	9.02
Utah	8.23	7.71	8.41	7.99	8.04	8.06	8.22
Vermont	8.93	9.13	8.68	8.64	8.52	8.01	7.76
Virginia	8.57	9.17	8.90	8.46	10.35	10.66	10.73
Washington	9.53	9.03	9.28	9.27	8.95	9.13	9.23
West Virginia	8.88	8.92	9.06	9.21	9.34	9.99	10.80
Wisconsin	7.37	8.74	8.22	7.61	6.61	7.72	7.50
Wyoming	NA	7.69	7.95	8.08	8.38	9.19	9.30
Total	**8.15**	**8.90**	**8.52**	**8.29**	**8.96**	**9.38**	**9.66**

See footnotes at end of table.

Table 21. Average price of natural gas sold to commercial consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

							2014
State	**July**	**June**	**May**	**April**	**March**	**February**	**January**
Alabama	13.08	13.18	12.88	12.22	11.70	11.50	11.44
Alaska	9.18	8.74	6.71	6.47	6.98	9.15	9.07
Arizona	10.77	10.66	10.29	10.05	10.15	9.55	8.74
Arkansas	9.45	9.24	8.79	8.01	7.23	7.20	7.32
California	9.25	8.82	8.98	9.12	10.09	9.10	8.81
Colorado	11.01	9.72	8.72	8.43	7.78	7.50	7.39
Connecticut	11.21	12.70	12.50	12.25	10.25	9.82	8.50
Delaware	14.28	13.56	12.25	11.24	10.65	10.86	10.88
District of Columbia	13.27	13.05	12.97	12.13	12.31	12.48	11.60
Florida	12.18	11.73	11.59	11.50	11.29	10.96	10.98
Georgia	11.73	12.13	10.80	10.38	9.88	9.52	8.94
Hawaii	42.89	46.09	45.08	43.00	42.22	37.96	38.89
Idaho	7.62	7.74	7.94	7.85	7.85	7.65	7.66
Illinois	15.16	14.85	13.01	12.84	10.49	7.45	6.83
Indiana	10.43	11.38	11.73	10.13	9.25	7.79	7.30
Iowa	10.36	10.72	9.23	7.45	9.40	8.55	7.39
Kansas	14.12	13.30	11.30	10.59	9.09	8.85	8.38
Kentucky	12.61	12.77	11.80	9.37	8.28	8.07	8.06
Louisiana	9.37	9.33	9.59	9.28	9.24	9.08	8.70
Maine	14.79	14.61	15.13	14.97	14.76	14.82	14.66
Maryland	12.02	11.60	12.39	11.20	10.45	10.48	9.67
Massachusetts	11.86	11.84	12.40	13.81	13.26	12.08	11.83
Michigan	10.26	9.70	8.90	8.39	8.85	8.05	7.47
Minnesota	9.55	9.56	8.40	9.56	9.63	8.75	7.84
Mississippi	8.73	8.86	9.17	8.62	8.56	8.06	7.81
Missouri	12.73	11.98	10.33	9.10	7.98	7.57	7.89
Montana	11.50	11.50	10.49	9.56	8.64	8.09	7.81
Nebraska	7.63	7.01	7.84	8.01	7.95	7.02	6.59
Nevada	9.20	8.34	8.20	7.87	7.71	7.43	7.19
New Hampshire	16.23	14.83	15.66	16.91	15.60	14.97	13.26
New Jersey	10.30	9.98	9.41	9.45	11.06	10.98	9.85
New Mexico	9.19	8.84	8.29	8.49	8.25	7.53	6.84
New York	7.71	7.91	8.75	8.95	9.22	9.25	8.31
North Carolina	10.63	10.08	9.93	9.67	8.08	8.96	8.51
North Dakota	9.83	9.29	8.05	8.43	8.55	7.35	6.60
Ohio	10.31	10.28	8.72	8.08	7.71	7.73	6.92
Oklahoma	16.22	15.92	12.52	9.45	7.23	6.62	6.09
Oregon	10.00	10.02	9.88	9.56	9.44	8.63	8.94
Pennsylvania	13.07	12.96	11.53	10.82	10.18	9.59	9.33
Rhode Island	20.53	18.82	14.84	12.72	11.56	11.57	11.45
South Carolina	10.06	9.70	9.64	9.64	9.30	10.41	9.32
South Dakota	8.95	8.47	7.65	7.24	8.91	8.24	6.94
Tennessee	11.17	10.94	10.62	10.18	9.09	8.94	8.10
Texas	9.24	9.30	9.38	9.00	8.49	7.44	7.23
Utah	8.00	7.47	6.75	7.59	8.13	7.54	7.28
Vermont	8.01	8.16	8.36	8.67	10.33	11.24	9.21
Virginia	11.06	10.84	10.03	9.58	9.33	8.49	8.40
Washington	9.17	8.95	8.85	8.66	8.71	9.09	9.09
West Virginia	10.50	11.20	10.34	8.91	8.41	8.43	8.32
Wisconsin	8.59	9.45	10.83	9.85	11.88	8.46	7.69
Wyoming	9.09	8.26	7.66	7.79	7.46	7.03	6.96
Total	**10.05**	**9.94**	**9.70**	**9.49**	**9.34**	**8.69**	**8.11**

[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: Starting in 2011, 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

Table 22. Average price of natural gas sold to industrial consumers, by state, 2014-2016

(dollars per thousand cubic feet)

State	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	2016 June	May	April	March
Alabama	3.25	4.24	5.95	3.23	2.87	3.12	3.11
Alaska	5.30	6.90	8.08	4.58	3.69	R6.36	6.75
Arizona	5.82	7.10	7.30	4.92	5.63	5.76	5.92
Arkansas	5.74	7.46	6.72	5.51	5.34	5.40	5.90
California	6.31	6.53	7.91	5.83	5.87	5.73	6.71
Colorado	4.50	NA	6.83	5.43	4.22	4.33	4.92
Connecticut	6.15	6.60	8.49	6.05	6.58	6.84	5.84
Delaware	8.23	NA	10.49	8.93	8.62	7.89	8.29
District of Columbia	--	--	--	--	--	--	--
Florida	5.85	6.61	6.98	5.30	5.20	5.72	6.28
Georgia	3.66	NA	6.45	3.54	3.50	3.45	3.46
Hawaii	15.14	19.41	27.06	16.92	15.05	14.45	13.73
Idaho	5.45	6.00	6.12	5.46	5.44	5.50	5.46
Illinois	NA	5.52	8.09	5.30	NA	4.77	4.57
Indiana	4.47	7.00	8.12	4.92	4.06	4.35	4.44
Iowa	NA	NA	7.99	4.13	3.83	4.18	4.58
Kansas	NA	4.87	6.17	3.34	3.38	NA	4.34
Kentucky	3.32	4.84	6.10	2.98	3.21	2.82	3.32
Louisiana	2.79	3.64	5.09	2.60	2.68	2.61	2.51
Maine	7.79	NA	12.24	5.55	5.40	8.46	8.51
Maryland	NA	9.45	9.63	NA	7.42	7.63	8.62
Massachusetts	8.08	10.27	12.05	6.68	7.89	8.15	8.09
Michigan	5.78	6.81	7.96	6.01	5.83	5.51	5.65
Minnesota	4.04	5.42	6.97	3.76	4.27	3.36	3.68
Mississippi	4.07	5.13	6.12	3.74	3.61	3.88	4.16
Missouri	5.94	7.92	7.86	5.91	5.41	5.90	5.97
Montana	5.67	6.86	8.03	5.90	4.82	5.50	5.51
Nebraska	4.02	4.80	5.42	3.37	3.29	3.79	4.35
Nevada	6.44	8.50	7.35	6.12	6.01	6.23	6.76
New Hampshire	6.61	9.06	10.56	5.60	5.87	6.20	6.26
New Jersey	7.11	NA	10.59	7.41	6.37	5.84	7.83
New Mexico	NA	5.05	6.53	NA	NA	NA	NA
New York	6.32	NA	8.64	5.82	6.03	6.13	6.46
North Carolina	5.30	6.25	7.67	5.00	4.97	5.23	5.60
North Dakota	2.19	3.41	6.14	2.09	1.91	2.09	2.10
Ohio	NA	6.43	7.01	NA	6.59	NA	5.01
Oklahoma	NA	7.18	8.28	NA	8.85	7.81	5.43
Oregon	5.57	6.59	6.00	6.49	5.14	5.24	5.60
Pennsylvania	NA	9.21	10.17	NA	NA	7.21	7.73
Rhode Island	8.62	9.17	9.73	8.76	8.91	8.77	8.40
South Carolina	3.87	4.67	6.64	3.59	3.57	3.45	3.59
South Dakota	4.05	5.17	7.29	4.29	3.86	3.64	4.02
Tennessee	4.06	5.25	6.71	3.55	3.64	3.69	4.12
Texas	2.17	3.04	5.01	2.16	2.14	2.08	1.89
Utah	5.72	6.31	5.89	5.07	5.11	5.64	5.93
Vermont	5.05	5.66	7.34	4.97	5.13	4.93	4.96
Virginia	NA	NA	6.48	4.07	3.86	NA	4.15
Washington	7.47	9.07	8.48	8.08	7.27	7.32	7.41
West Virginia	NA	4.60	4.81	2.87	2.75	3.06	NA
Wisconsin	5.04	NA	8.84	3.45	3.98	5.06	4.95
Wyoming	NA	5.77	6.10	NA	NA	4.04	3.78
Total	**3.20**	**4.25**	**5.94**	**2.89**	**2.91**	**3.00**	**3.05**

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

	2016		2015				
State	February	January	Total	December	November	October	September
Alabama	3.55	3.54	3.94	3.48	3.33	3.48	3.68
Alaska	6.74	R4.88	6.86	6.84	6.77	6.85	6.83
Arizona	6.25	6.57	NA	6.43	6.35	6.36	6.62
Arkansas	5.92	6.01	6.97	5.67	6.02	6.46	6.47
California	6.94	6.60	6.35	6.92	5.77	5.88	6.09
Colorado	4.47	4.19	NA	4.46	5.14	5.95	6.11
Connecticut	5.71	6.10	6.37	6.60	5.87	5.76	6.59
Delaware	7.98	8.14	NA	8.32	9.62	11.15	11.40
District of Columbia	--	--	--	--	--	--	--
Florida	6.11	6.36	NA	NA	6.20	6.29	6.08
Georgia	3.95	4.02	NA	3.74	3.65	4.02	4.15
Hawaii	14.45	16.17	18.81	14.88	17.47	17.77	18.87
Idaho	5.46	5.41	5.82	5.39	4.92	5.77	5.93
Illinois	4.37	4.13	R5.34	4.54	4.48	R5.26	R6.05
Indiana	4.81	4.31	6.29	4.74	4.36	4.23	5.15
Iowa	NA	5.18	NA	4.50	5.14	4.46	NA
Kansas	6.37	6.88	4.37	5.79	4.76	4.31	4.02
Kentucky	3.64	3.79	4.36	3.58	3.44	3.78	3.86
Louisiana	3.07	3.22	3.51	3.15	2.90	3.33	3.49
Maine	8.52	8.46	NA	8.50	8.20	4.56	4.72
Maryland	8.53	8.37	NA	10.84	10.90	9.53	8.76
Massachusetts	8.50	8.32	9.34	9.02	7.41	5.59	6.34
Michigan	5.98	5.79	6.59	5.77	5.70	6.33	6.66
Minnesota	4.28	4.43	4.95	4.31	4.20	4.31	4.23
Mississippi	4.39	4.45	4.69	4.12	4.26	4.21	4.46
Missouri	6.15	5.93	7.75	7.07	7.12	7.33	8.14
Montana	6.27	5.71	6.45	5.47	6.09	5.79	6.91
Nebraska	4.35	4.45	4.61	4.85	4.09	4.15	4.32
Nevada	6.67	6.52	8.12	6.64	7.16	7.76	8.63
New Hampshire	7.03	7.53	8.10	7.74	5.91	4.30	4.00
New Jersey	7.10	7.31	NA	7.92	7.46	7.72	8.75
New Mexico	NA	5.69	4.95	4.56	4.93	5.03	5.03
New York	6.51	6.49	NA	6.36	6.10	5.66	5.91
North Carolina	5.51	5.25	6.03	5.70	5.57	5.86	5.96
North Dakota	2.83	2.43	3.14	2.88	2.58	2.76	2.81
Ohio	5.11	5.31	NA	5.55	5.64	6.68	NA
Oklahoma	5.25	9.63	7.33	6.04	7.72	9.67	12.55
Oregon	5.59	5.50	6.38	5.59	5.67	6.51	6.47
Pennsylvania	7.31	7.58	9.22	8.18	9.10	9.59	11.14
Rhode Island	8.44	8.61	9.26	8.22	9.48	9.92	9.79
South Carolina	4.22	4.84	4.39	4.01	3.86	4.03	4.13
South Dakota	4.02	4.34	4.98	4.25	4.25	4.78	5.63
Tennessee	4.59	4.52	4.89	4.45	4.34	4.32	4.49
Texas	2.37	2.40	2.90	2.39	2.29	2.78	2.96
Utah	6.40	6.04	5.89	5.98	5.31	5.21	5.27
Vermont	5.17	5.14	5.50	5.81	5.42	5.58	4.65
Virginia	4.23	4.53	NA	4.49	3.95	4.70	4.86
Washington	7.66	7.31	8.71	7.27	7.87	8.48	8.87
West Virginia	3.20	2.95	NA	3.51	NA	4.37	4.34
Wisconsin	5.46	5.75	NA	5.43	5.37	4.69	4.56
Wyoming	3.83	3.97	NA	NA	4.72	4.66	4.85
Total	**3.63**	**3.58**	**3.92**	**3.48**	**3.28**	**3.53**	**3.65**

See footnotes at end of table.

Table 22

Table 22. Average price of natural gas sold to industrial consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

State	2015 August	July	June	May	April	March	February
Alabama	3.91	3.82	3.94	3.56	3.99	4.53	4.78
Alaska	6.82	6.78	6.84	6.86	6.70	6.88	7.08
Arizona	NA	6.80	6.91	6.59	7.01	7.19	7.55
Arkansas	6.62	6.71	6.50	6.45	6.87	7.74	7.94
California	6.07	6.02	6.23	5.46	6.39	6.83	6.71
Colorado	6.53	7.28	6.47	5.24	NA	6.10	6.05
Connecticut	5.66	5.88	6.03	6.20	6.79	5.83	6.54
Delaware	11.38	8.82	NA	9.78	9.56	10.20	10.25
District of Columbia	--	--	--	--	--	--	--
Florida	6.02	6.69	5.76	5.87	6.04	6.52	7.11
Georgia	4.25	4.06	4.28	NA	4.30	4.86	4.83
Hawaii	19.06	21.32	20.69	19.45	19.17	18.44	18.11
Idaho	6.08	6.09	5.84	5.86	5.92	6.01	6.14
Illinois	5.82	R5.91	R5.80	5.53	R5.61	5.60	R5.01
Indiana	5.79	6.22	5.64	6.07	9.05	7.11	6.62
Iowa	5.00	5.32	4.66	4.65	NA	5.54	5.51
Kansas	4.07	4.12	4.21	4.30	4.57	5.93	6.00
Kentucky	4.05	4.24	4.51	4.19	4.42	5.11	5.11
Louisiana	3.68	3.64	3.59	3.11	3.41	3.69	3.88
Maine	4.81	4.68	NA	5.50	14.71	15.12	15.22
Maryland	7.97	NA	12.71	10.17	8.08	8.81	9.64
Massachusetts	7.08	6.64	6.99	8.85	9.80	9.73	11.00
Michigan	6.86	6.44	6.78	6.58	6.21	6.70	6.98
Minnesota	4.76	4.59	4.70	4.26	4.62	5.91	5.93
Mississippi	3.95	4.49	4.30	4.40	4.69	5.80	5.42
Missouri	7.45	8.06	7.69	7.50	8.13	7.97	7.82
Montana	5.86	6.33	4.83	6.41	6.91	7.16	7.29
Nebraska	4.38	4.31	3.87	4.18	5.60	5.45	4.39
Nevada	8.21	8.76	9.24	9.11	8.76	8.37	8.31
New Hampshire	4.75	4.81	5.62	6.52	8.54	9.49	9.79
New Jersey	9.21	8.62	8.56	NA	8.28	8.22	8.69
New Mexico	4.93	4.86	4.76	4.40	4.85	5.28	5.43
New York	5.41	5.95	6.19	NA	7.55	7.32	7.15
North Carolina	5.70	5.78	5.67	5.51	5.93	6.50	6.28
North Dakota	2.96	3.12	2.90	2.82	3.02	3.78	3.87
Ohio	7.26	6.43	8.63	6.81	6.29	6.23	6.48
Oklahoma	8.56	8.43	8.75	6.16	9.19	6.42	7.23
Oregon	6.49	6.39	6.34	6.38	6.34	6.75	6.82
Pennsylvania	11.12	10.81	10.96	10.30	8.86	8.43	9.62
Rhode Island	10.09	9.61	9.38	9.75	9.20	9.00	9.01
South Carolina	4.46	4.22	4.31	3.96	4.11	4.68	5.65
South Dakota	5.34	5.33	4.79	5.13	5.05	4.95	5.14
Tennessee	4.65	4.66	4.76	4.69	4.84	5.52	5.58
Texas	3.14	3.08	3.05	2.82	2.88	3.01	3.11
Utah	5.29	5.17	5.69	5.90	6.47	6.68	6.70
Vermont	4.53	5.90	5.17	5.23	5.29	5.98	6.25
Virginia	4.57	4.81	5.08	5.34	5.16	5.31	NA
Washington	8.94	9.45	9.11	8.97	9.28	8.73	9.21
West Virginia	4.39	4.38	4.32	4.29	4.48	4.74	4.58
Wisconsin	4.91	4.54	5.07	4.42	NA	6.40	6.66
Wyoming	4.85	4.72	5.30	5.12	5.47	5.28	5.51
Total	**3.79**	**3.73**	**3.76**	**3.55**	**3.96**	**4.45**	**4.70**

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

	2015						2014
State	January	Total	December	November	October	September	August
Alabama	4.50	5.49	5.25	5.24	4.75	4.82	4.74
Alaska	6.97	7.97	7.76	7.73	7.87	8.01	7.84
Arizona	7.30	7.52	7.68	7.64	8.12	8.06	7.46
Arkansas	7.92	6.99	7.51	7.45	7.31	7.15	7.25
California	7.60	7.65	7.67	6.89	7.22	7.35	7.38
Colorado	5.91	6.84	6.22	6.51	7.16	7.58	8.05
Connecticut	7.91	8.07	8.41	7.46	7.23	7.39	7.02
Delaware	9.91	10.95	9.65	10.71	11.91	12.25	11.58
District of Columbia	--	--	--	--	--	--	--
Florida	8.38	6.89	6.48	6.64	6.91	6.41	7.16
Georgia	5.17	6.07	5.94	5.54	5.57	5.57	5.39
Hawaii	20.01	26.75	23.01	24.67	26.68	28.07	28.68
Idaho	6.15	5.96	6.11	5.38	5.93	5.67	6.01
Illinois	5.88	7.75	6.64	6.11	6.32	7.72	11.94
Indiana	7.44	7.45	7.36	5.31	6.02	6.38	7.53
Iowa	6.25	7.40	6.73	6.33	6.50	7.61	7.80
Kansas	7.20	5.70	6.37	5.72	5.60	5.11	5.17
Kentucky	5.35	5.80	5.80	5.25	5.50	5.51	5.19
Louisiana	4.11	4.68	4.29	4.18	4.21	4.19	4.08
Maine	15.21	11.93	14.34	13.61	9.01	8.74	9.69
Maryland	10.06	9.94	11.02	9.45	10.41	11.20	11.04
Massachusetts	11.90	11.53	11.98	11.28	8.45	9.50	9.88
Michigan	7.06	7.84	7.41	7.27	7.60	7.98	8.11
Minnesota	5.99	6.57	6.56	5.66	6.09	6.01	5.57
Mississippi	6.08	6.15	6.26	6.03	6.08	5.70	6.18
Missouri	8.06	8.00	8.36	8.25	7.99	8.02	8.11
Montana	8.08	7.99	7.64	7.84	7.36	7.83	10.01
Nebraska	4.90	5.69	6.43	5.95	5.98	6.18	5.98
Nevada	7.99	7.83	7.84	8.31	8.54	8.48	8.86
New Hampshire	11.08	9.46	8.74	7.31	6.25	7.76	8.62
New Jersey	9.27	10.45	9.99	10.22	8.33	10.27	11.68
New Mexico	6.26	6.45	6.33	6.40	6.56	6.23	6.32
New York	7.54	8.13	7.19	7.03	6.71	6.75	7.48
North Carolina	6.86	7.55	7.42	7.02	7.66	7.64	7.51
North Dakota	3.92	5.61	5.50	4.90	4.44	5.68	4.11
Ohio	6.27	7.06	6.95	7.07	7.30	8.10	7.18
Oklahoma	7.44	8.27	5.12	8.60	14.42	11.01	9.74
Oregon	6.79	6.20	6.73	6.65	6.13	6.34	6.35
Pennsylvania	9.39	9.95	8.92	9.16	11.22	10.46	10.82
Rhode Island	9.12	10.27	9.28	10.76	11.94	11.41	11.53
South Carolina	5.45	6.13	6.07	5.58	5.38	5.45	5.24
South Dakota	5.63	6.88	5.94	5.71	6.70	7.08	7.55
Tennessee	5.78	6.31	6.37	5.76	5.68	5.54	5.55
Texas	3.38	4.71	4.51	3.98	4.26	4.36	4.37
Utah	6.61	5.83	6.49	5.65	5.49	5.51	5.72
Vermont	5.70	6.63	6.37	5.90	5.86	5.58	5.48
Virginia	5.77	6.43	6.29	6.16	6.48	6.33	6.27
Washington	9.14	8.55	9.06	8.73	8.38	8.42	8.44
West Virginia	5.15	5.00	5.00	5.24	5.13	5.27	5.13
Wisconsin	6.78	8.08	7.59	6.98	6.30	6.93	6.52
Wyoming	6.61	5.89	5.00	5.74	5.30	5.74	6.15
Total	**4.87**	**5.55**	**5.54**	**4.97**	**4.97**	**4.96**	**4.90**

See footnotes at end of table.

Table 22

Table 22. Average price of natural gas sold to industrial consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

State	July	June	May	April	March	February	January
							2014
Alabama	4.99	5.72	6.10	5.82	5.54	6.77	5.75
Alaska	8.10	7.85	7.84	7.82	7.86	8.41	8.66
Arizona	7.59	7.60	7.55	7.36	7.61	7.57	6.28
Arkansas	7.12	7.02	7.11	6.92	6.46	6.50	6.74
California	7.84	7.65	7.71	8.24	8.86	7.65	7.50
Colorado	7.70	7.75	7.22	6.94	7.00	6.67	6.28
Connecticut	7.25	7.89	8.93	8.83	8.62	8.91	7.86
Delaware	10.43	11.53	10.88	10.81	10.18	10.20	10.35
District of Columbia	--	--	--	--	--	--	--
Florida	7.29	6.90	7.23	6.86	6.90	6.57	7.66
Georgia	6.14	6.34	6.23	6.00	6.55	7.25	6.27
Hawaii	27.40	28.06	27.22	26.96	26.47	27.21	26.63
Idaho	5.63	6.14	5.72	5.88	6.58	6.17	6.17
Illinois	10.61	9.49	10.08	11.32	9.26	7.00	6.33
Indiana	8.65	6.80	7.82	9.05	10.01	7.10	7.78
Iowa	7.41	8.44	7.58	7.71	8.65	8.55	7.02
Kansas	5.62	5.69	5.81	6.39	7.76	7.77	6.97
Kentucky	5.54	5.76	5.88	5.70	6.23	7.02	5.88
Louisiana	4.53	4.88	4.97	4.84	5.16	5.95	4.74
Maine	10.53	10.30	11.01	13.58	13.86	12.73	11.37
Maryland	11.73	10.14	12.22	9.76	8.67	10.46	9.34
Massachusetts	10.32	10.21	11.59	13.53	13.08	11.68	11.19
Michigan	8.61	8.14	8.02	7.44	8.87	8.19	7.08
Minnesota	6.14	6.09	6.28	6.22	10.04	7.01	5.69
Mississippi	6.93	6.86	6.30	5.58	5.62	6.30	6.38
Missouri	8.38	8.39	8.49	8.43	7.95	7.39	7.58
Montana	10.23	9.58	10.34	9.35	8.61	7.22	7.17
Nebraska	5.96	4.87	5.36	6.26	6.18	4.51	5.37
Nevada	8.60	7.66	7.52	7.39	7.64	7.28	6.89
New Hampshire	8.60	9.90	11.13	12.00	10.57	10.26	9.64
New Jersey	10.88	10.41	9.25	9.93	10.82	11.70	10.06
New Mexico	6.51	6.52	6.31	6.74	6.99	6.76	6.08
New York	7.93	8.10	8.66	8.68	9.38	8.64	8.01
North Carolina	7.31	7.35	7.72	7.54	7.58	8.02	7.62
North Dakota	4.43	4.57	4.76	5.00	9.44	7.48	5.07
Ohio	7.03	8.56	8.11	7.36	6.91	7.37	6.11
Oklahoma	8.88	22.67	15.02	7.97	10.16	6.30	6.68
Oregon	6.16	6.09	6.01	6.02	5.97	5.96	6.00
Pennsylvania	10.15	10.70	10.32	9.89	11.17	9.47	10.02
Rhode Island	12.68	10.71	11.39	9.42	9.09	8.87	8.76
South Carolina	5.89	6.15	6.32	6.24	6.76	7.40	6.87
South Dakota	7.59	7.25	6.79	7.83	8.55	6.97	6.10
Tennessee	6.04	6.41	6.61	6.63	6.98	7.15	6.42
Texas	4.91	4.82	5.03	4.87	5.05	5.69	4.64
Utah	5.78	5.50	5.45	6.26	6.36	6.05	5.84
Vermont	5.97	6.42	6.10	6.10	10.64	6.93	6.90
Virginia	6.74	6.45	6.59	6.84	6.85	6.48	5.97
Washington	8.49	8.44	8.36	8.26	8.51	8.55	8.63
West Virginia	5.35	4.58	4.50	4.69	5.03	5.19	4.56
Wisconsin	7.37	6.72	10.57	8.98	11.91	8.09	7.24
Wyoming	6.01	6.08	6.08	7.04	6.52	5.51	5.37
Total	**5.36**	**5.42**	**5.69**	**5.78**	**6.39**	**6.58**	**5.62**

[R] Revised data.

-- Not applicable.

[NA] Not available.

Notes: Geographic coverage is the 50 states and the District of Columbia. Average prices for gas delivered to industrial consumers reflect onsystem sales prices only. Published prices are considered to be total prices paid by end-users per thousand cubic feet of natural gas in the respective sectors, inclusive of all tax, delivery, commodity, demand and other charges. Prices are in nominal dollars. See Appendix A, Explanatory Note 8, for discussion of computations and revision policy. See Table 24 for data on onsystem sales expressed as a percentage of total residential, total commercial, and total industrial deliveries.

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

Table 23. Average price of natural gas sold to electric power[a] consumers, by state, 2014-2016
(dollars per thousand cubic feet)

State	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	June	May	April	2016 March
Alabama	W	W	W	2.89	2.35	W	2.18
Alaska	6.54	5.43	4.98	7.10	6.43	6.47	6.34
Arizona	W	W	5.97	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	W	3.57	5.72	2.98	2.59	W	2.59
Colorado	W	W	W	W	W	W	W
Connecticut	3.96	5.89	8.91	2.33	2.39	2.74	4.63
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.43	W	W	W
Georgia	W	W	W	3.03	2.44	2.40	2.23
Hawaii	--	--	--	--	--	--	--
Idaho	2.43	4.07	W	2.47	2.41	11.72	2.26
Illinois	W	W	W	W	2.26	2.24	2.15
Indiana	W	W	W	W	W	W	W
Iowa	2.48	3.79	9.28	2.63	2.10	2.60	2.20
Kansas	3.36	4.18	6.51	3.07	3.45	3.16	2.84
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	2.63	W	W	W
Maine	W	W	W	W	W	W	W
Maryland	3.08	W	W	3.01	2.50	2.40	2.69
Massachusetts	2.80	6.03	9.84	2.34	2.11	2.99	1.99
Michigan	2.41	3.51	8.32	2.75	2.28	2.31	2.14
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	--	--	--	--	--	--	--
Nebraska	3.09	3.81	6.85	3.32	2.77	2.44	2.32
Nevada	2.60	3.48	W	2.57	2.54	2.40	2.30
New Hampshire	W	W	W	W	W	W	W
New Jersey	2.18	4.20	6.75	2.13	1.92	1.74	1.60
New Mexico	2.69	3.32	5.42	2.86	2.47	2.69	2.56
New York	2.67	4.65	7.52	2.38	2.12	2.36	2.22
North Carolina	W	W	W	W	W	W	W
North Dakota	2.46	--	4.00	2.63	2.04	2.09	1.90
Ohio	2.03	2.67	5.19	2.32	2.03	2.01	1.63
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	1.77
Pennsylvania	1.94	3.39	7.77	1.90	1.65	1.61	1.43
Rhode Island	W	W	W	W	2.23	W	W
South Carolina	W	W	W	W	W	W	W
South Dakota	2.20	3.22	5.53	2.53	2.10	2.07	1.82
Tennessee	2.25	2.95	5.15	2.37	2.08	1.96	2.05
Texas	2.28	3.03	5.14	2.62	2.17	2.14	1.91
Utah	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--
Virginia	W	W	W	W	W	W	W
Washington	W	W	W	W	W	2.76	4.02
West Virginia	2.03	W	W	2.00	2.03	2.12	1.92
Wisconsin	W	W	W	W	W	W	W
Wyoming	--	--	--	17.60	12.15	5.88	4.39
Total	**2.69**	**3.75**	**6.10**	**2.77**	**2.50**	**2.52**	**2.33**

See footnotes at end of table.

Table 23

Table 23. Average price of natural gas sold to electric power[a] consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

State	2016 February	2016 January	2015 Total	2015 December	2015 November	2015 October	2015 September
Alabama	W	2.95	3.06	W	W	2.78	3.07
Alaska	6.43	6.47	5.40	5.44	5.48	5.45	5.48
Arizona	W	W	3.43	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	2.85	3.08	3.39	2.95	2.94	3.18	3.29
Colorado	W	W	3.81	W	W	W	W
Connecticut	5.63	6.12	4.73	5.06	5.14	3.17	3.08
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	4.41	3.98	3.90	4.31	4.46
Georgia	W	3.05	3.27	W	2.64	2.85	3.31
Hawaii	--	--	--	--	--	--	--
Idaho	2.25	2.67	2.89	2.41	2.72	2.92	3.01
Illinois	W	W	W	W	W	W	3.12
Indiana	W	W	W	W	W	W	W
Iowa	2.57	2.96	3.23	2.60	5.06	2.89	2.98
Kansas	4.22	4.26	3.95	4.66	4.03	4.88	3.68
Kentucky	W	W	W	W	2.50	W	W
Louisiana	W	W	W	W	W	W	W
Maine	W	W	W	W	W	W	W
Maryland	5.64	3.59	4.06	3.13	3.11	3.05	3.18
Massachusetts	3.46	4.73	4.38	2.53	3.62	4.31	4.14
Michigan	2.37	2.66	3.21	2.17	2.56	2.91	3.32
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	--	--	--	--	--	--	--
Nebraska	2.81	3.52	3.97	3.63	3.37	3.22	3.38
Nevada	2.78	2.98	3.34	3.00	2.85	3.24	3.30
New Hampshire	W	W	W	W	W	W	W
New Jersey	2.82	3.00	2.96	1.71	1.80	2.00	2.08
New Mexico	2.57	2.91	3.21	2.46	2.64	3.11	3.13
New York	3.41	3.76	3.51	2.96	2.69	2.60	2.51
North Carolina	W	W	W	W	W	W	W
North Dakota	2.22	2.45	2.89	2.07	2.08	2.67	3.09
Ohio	2.00	2.20	2.42	1.91	2.09	2.17	2.26
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	2.33	2.70	2.52	1.55	1.59	1.71	2.00
Rhode Island	W	W	W	W	3.50	3.74	2.78
South Carolina	W	W	W	W	W	W	W
South Dakota	2.08	2.57	3.31	2.25	2.92	2.90	3.31
Tennessee	2.33	2.58	2.74	2.33	2.31	2.47	2.61
Texas	2.19	2.52	2.88	2.23	2.30	2.66	2.88
Utah	W	2.81	W	W	W	W	W
Vermont	--	--	--	--	--	--	--
Virginia	W	W	3.55	W	W	W	W
Washington	W	W	W	W	W	W	W
West Virginia	2.07	2.22	W	1.52	1.90	W	W
Wisconsin	W	W	W	W	W	W	W
Wyoming	7.69	13.31	5.18	7.01	4.13	5.08	4.46
Total	**2.83**	**3.16**	**3.37**	**2.71**	**2.78**	**3.03**	**3.19**

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power[a] consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

	2015						
State	**August**	**July**	**June**	**May**	**April**	**March**	**February**
Alabama	3.13	3.25	3.17	3.26	W	W	W
Alaska	5.21	5.19	5.14	4.86	5.47	5.41	5.49
Arizona	3.47	3.54	3.47	3.73	W	W	W
Arkansas	W	W	W	W	W	W	W
California	3.52	3.53	3.51	3.44	3.34	3.50	3.73
Colorado	W	W	W	W	W	W	W
Connecticut	2.69	2.48	2.19	2.30	2.99	6.91	12.82
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	4.45	4.43	4.52	4.39	W	W	4.78
Georgia	3.36	3.40	3.38	3.57	3.28	3.42	W
Hawaii	--	--	--	--	--	--	--
Idaho	2.92	2.85	2.74	3.08	3.05	16.18	--
Illinois	W	W	3.04	W	W	W	4.81
Indiana	W	W	W	W	W	W	W
Iowa	3.12	3.06	3.07	3.18	2.98	3.43	4.70
Kansas	3.70	3.52	3.68	4.33	4.32	4.06	4.50
Kentucky	W	W	W	W	W	W	W
Louisiana	3.20	W	W	W	W	W	W
Maine	W	W	W	W	W	W	W
Maryland	4.07	3.73	3.09	3.25	2.58	W	W
Massachusetts	3.08	2.57	3.18	3.16	3.36	8.64	13.60
Michigan	3.40	3.30	3.18	3.25	3.24	3.57	4.11
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	--	--	--	--	--	--	--
Nebraska	5.08	3.81	3.59	4.01	3.63	4.02	4.90
Nevada	3.38	3.43	3.43	3.21	3.27	3.45	3.54
New Hampshire	W	W	W	W	W	W	W
New Jersey	2.20	2.07	2.34	2.32	2.43	3.67	9.88
New Mexico	3.28	3.86	3.61	3.26	3.03	3.09	3.11
New York	2.61	2.56	2.71	2.76	2.82	4.48	9.93
North Carolina	W	W	W	W	W	W	W
North Dakota	3.03	2.87	2.70	2.71	2.75	2.73	2.93
Ohio	2.25	2.30	2.20	2.38	2.23	2.75	3.31
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	2.66	2.85	3.12
Pennsylvania	1.80	2.02	1.83	2.01	2.02	3.06	8.29
Rhode Island	2.42	2.40	1.96	2.15	3.41	W	W
South Carolina	W	W	W	W	W	W	W
South Dakota	4.23	3.78	3.53	3.06	3.46	2.77	3.05
Tennessee	2.71	2.74	2.75	2.28	2.66	3.35	3.27
Texas	3.01	3.03	2.98	3.02	2.82	3.02	3.09
Utah	W	W	W	W	W	W	3.37
Vermont	--	--	--	--	--	--	--
Virginia	W	W	W	2.82	W	W	W
Washington	W	W	W	W	3.50	4.41	3.46
West Virginia	1.94	2.07	2.48	2.41	W	2.64	W
Wisconsin	W	W	W	W	W	W	W
Wyoming	6.95	5.28	4.77	3.80	15.03	5.54	9.15
Total	**3.22**	**3.23**	**3.24**	**3.28**	**3.23**	**3.71**	**4.99**

See footnotes at end of table.

Table 23

Table 23. Average price of natural gas sold to electric power[a] consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

	2015						2014
State	January	Total	December	November	October	September	August
Alabama	W	4.74	W	W	W	W	W
Alaska	5.95	5.06	5.13	4.97	4.96	5.33	5.27
Arizona	W	5.30	W	4.88	4.57	4.89	4.78
Arkansas	W	W	W	W	W	W	W
California	3.91	5.23	4.70	4.86	4.62	4.81	4.81
Colorado	4.72	5.49	5.21	W	W	W	W
Connecticut	8.77	6.82	5.85	5.18	3.01	W	4.70
Delaware	--	W	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	5.58	W	W	W	W	5.06
Georgia	W	4.98	4.06	4.71	4.36	4.56	4.51
Hawaii	--	--	--	--	--	--	--
Idaho	3.03	W	5.44	4.95	9.58	4.46	4.31
Illinois	W	W	W	W	W	W	4.42
Indiana	W	W	W	W	W	W	W
Iowa	4.98	6.18	4.15	5.42	4.09	4.30	4.22
Kansas	5.25	5.65	4.65	5.47	5.14	5.06	4.81
Kentucky	W	W	W	W	W	6.79	W
Louisiana	W	4.74	4.15	W	4.23	W	4.22
Maine	W	W	W	W	W	W	W
Maryland	6.65	5.35	W	4.86	W	4.46	4.27
Massachusetts	12.21	6.66	9.13	5.68	3.60	3.78	3.19
Michigan	3.61	6.78	4.48	4.96	4.51	4.67	4.66
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	--	W	--	--	--	--	--
Nebraska	4.48	5.84	4.89	5.25	4.63	5.01	4.74
Nevada	4.10	W	W	W	W	W	W
New Hampshire	W	W	W	W	W	W	W
New Jersey	5.80	4.83	3.94	4.13	2.73	2.90	2.80
New Mexico	3.71	4.93	4.00	4.51	4.79	4.61	4.59
New York	6.24	5.46	4.71	4.63	3.28	3.29	3.36
North Carolina	W	6.05	W	5.49	5.86	5.17	4.97
North Dakota	2.74	4.08	4.04	4.98	3.38	3.46	3.68
Ohio	2.92	4.31	3.65	3.80	3.16	3.35	3.30
Oklahoma	W	W	W	W	W	W	W
Oregon	3.24	W	W	W	W	W	W
Pennsylvania	4.28	5.04	3.21	3.80	2.27	2.45	2.55
Rhode Island	9.99	W	6.04	5.64	3.70	3.54	W
South Carolina	W	W	W	W	W	W	W
South Dakota	2.94	4.98	3.59	3.41	6.85	5.00	4.07
Tennessee	3.59	4.64	4.36	4.28	4.08	4.07	3.94
Texas	3.26	4.62	4.01	4.21	4.10	4.19	4.13
Utah	W	W	W	W	W	W	W
Vermont	--	W	--	--	--	--	--
Virginia	W	6.12	W	W	W	W	W
Washington	4.63	W	W	W	W	W	W
West Virginia	2.95	W	3.14	3.49	W	W	W
Wisconsin	W	5.47	4.94	4.96	4.42	4.84	W
Wyoming	5.89	W	28.40	11.98	6.28	5.83	11.19
Total	**4.29**	**5.19**	**4.50**	**4.68**	**4.23**	**4.34**	**4.25**

See footnotes at end of table.

Table 23. Average price of natural gas sold to electric power[a] consumers, by state, 2014-2016
(dollars per thousand cubic feet) – continued

							2014
State	**July**	**June**	**May**	**April**	**March**	**February**	**January**
Alabama	W	W	5.06	W	5.46	6.56	4.90
Alaska	5.26	5.42	5.49	5.47	4.50	4.56	4.61
Arizona	5.17	5.32	5.78	6.06	6.31	7.51	5.85
Arkansas	W	W	W	W	W	W	W
California	5.07	5.44	5.48	5.40	5.81	6.86	5.24
Colorado	W	W	5.67	6.06	6.26	W	W
Connecticut	3.72	4.42	4.13	5.01	11.54	17.45	14.98
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	5.65	W	6.74	5.76
Georgia	4.75	5.29	5.35	5.43	W	W	5.57
Hawaii	--	--	--	--	--	--	--
Idaho	4.43	6.72	9.94	W	W	W	W
Illinois	W	W	W	W	W	W	15.04
Indiana	W	W	W	W	W	W	W
Iowa	5.38	5.86	5.65	7.07	21.27	17.24	12.87
Kansas	5.11	5.33	5.25	5.70	7.66	10.85	6.11
Kentucky	W	W	W	W	W	W	W
Louisiana	4.59	4.93	4.99	5.00	5.45	W	4.87
Maine	W	W	W	W	W	W	W
Maryland	4.73	5.36	W	5.52	6.73	10.75	W
Massachusetts	4.11	4.69	4.23	5.38	12.90	21.95	18.76
Michigan	5.12	5.34	5.27	5.38	12.31	12.40	7.96
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	--	--	--	--	--	--	--
Nebraska	4.89	5.47	6.15	5.71	11.85	15.47	7.75
Nevada	W	W	W	W	W	W	W
New Hampshire	W	W	W	W	W	W	W
New Jersey	3.34	3.74	3.77	4.73	6.14	8.33	15.25
New Mexico	4.79	5.35	5.20	5.22	5.21	6.86	4.98
New York	3.96	4.40	4.69	5.19	8.44	11.00	11.92
North Carolina	5.43	5.54	5.82	W	W	W	W
North Dakota	4.19	4.37	4.71	--	--	--	--
Ohio	3.68	4.26	4.49	4.68	5.53	6.62	5.51
Oklahoma	W	W	W	W	W	7.08	W
Oregon	W	5.11	W	5.18	5.93	W	W
Pennsylvania	2.94	3.39	3.87	4.49	6.16	8.72	21.06
Rhode Island	3.85	4.33	W	5.25	13.17	21.46	22.70
South Carolina	W	W	W	W	W	W	W
South Dakota	3.41	5.73	3.89	5.07	9.39	18.50	8.59
Tennessee	4.33	4.74	4.34	4.98	5.57	5.93	5.87
Texas	4.41	4.85	4.79	4.86	5.24	6.54	4.82
Utah	W	W	W	4.95	W	W	W
Vermont	--	--	--	--	--	--	--
Virginia	W	W	W	4.88	6.61	8.02	17.85
Washington	W	5.27	W	5.44	6.17	W	W
West Virginia	W	4.04	4.37	5.58	6.65	W	W
Wisconsin	4.96	5.44	5.36	5.63	6.93	9.22	W
Wyoming	6.39	5.16	8.59	7.40	9.40	7.32	7.51
Total	**4.58**	**4.98**	**5.08**	**5.25**	**6.28**	**7.79**	**7.47**

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

-- Not applicable.

W Withheld.

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

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

Table 24

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2014-2016

State	2016 6-Month YTD Residential	2016 6-Month YTD Commercial	2016 6-Month YTD Industrial	2015 6-Month YTD Residential	2015 6-Month YTD Commercial	2015 6-Month YTD Industrial	2014 6-Month YTD Residential	2014 6-Month YTD Commercial	2014 6-Month YTD Industrial
Alabama	100.0	79.2	24.1	100.0	81.0	23.9	100.0	81.0	24.1
Alaska	100.0	98.7	100.0	100.0	97.5	100.0	100.0	96.0	100.0
Arizona	100.0	84.4	14.8	100.0	85.0	15.8	100.0	85.7	12.5
Arkansas	100.0	42.9	1.5	100.0	49.9	1.9	100.0	52.1	2.0
California	95.0	53.1	4.1	94.6	51.3	4.0	94.8	50.3	4.0
Colorado	100.0	94.6	8.4	NA	NA	NA	100.0	94.5	8.0
Connecticut	96.3	NA	48.8	96.5	77.8	47.1	96.0	65.5	38.6
Delaware	100.0	43.1	0.3	100.0	51.8	NA	100.0	51.4	0.3
District of Columbia	73.8	20.6	--	74.0	23.2	0.0	77.0	21.0	0.0
Florida	97.7	29.2	3.4	97.8	NA	3.3	97.9	33.7	3.5
Georgia	100.0	100.0	21.2	100.0	100.0	NA	100.0	100.0	19.8
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	75.9	2.4	100.0	75.7	2.7	100.0	77.7	2.7
Illinois	86.0	36.3	NA	86.0	38.8	7.3	87.2	40.9	8.1
Indiana	NA	NA	2.1	NA	69.0	2.4	95.0	68.3	2.5
Iowa	100.0	71.4	NA	100.0	72.6	NA	100.0	75.3	4.7
Kansas	100.0	NA	NA	100.0	64.1	NA	100.0	64.8	6.1
Kentucky	96.5	79.8	17.5	96.1	81.5	16.2	95.9	82.0	17.5
Louisiana	100.0	79.5	2.1	100.0	81.2	2.1	100.0	81.2	12.2
Maine	100.0	59.5	NA	100.0	55.0	NA	100.0	49.8	1.5
Maryland	NA	NA	NA	73.1	29.6	10.4	72.7	29.0	9.7
Massachusetts	99.0	45.3	25.2	99.5	50.1	29.8	99.5	45.1	23.1
Michigan	92.6	56.9	7.2	92.7	58.5	NA	91.9	57.1	9.6
Minnesota	100.0	NA	NA	100.0	85.3	NA	100.0	92.9	19.6
Mississippi	NA	85.4	9.3	99.7	87.4	9.2	100.0	89.0	10.6
Missouri	100.0	73.9	12.2	100.0	74.1	14.9	100.0	73.2	16.1
Montana	99.6	50.8	NA	99.7	NA	1.6	99.9	56.1	1.8
Nebraska	87.2	60.2	NA	87.4	58.5	8.1	87.9	58.4	8.9
Nevada	100.0	61.5	16.0	100.0	60.5	NA	100.0	61.9	16.7
New Hampshire	100.0	55.0	NA	100.0	60.3	NA	100.0	57.8	9.9
New Jersey	94.3	41.7	8.0	93.2	NA	NA	89.9	36.5	8.8
New Mexico	100.0	59.5	NA	100.0	59.6	4.4	100.0	60.2	6.1
New York	100.0	100.0	NA	100.0	100.0	NA	100.0	100.0	7.1
North Carolina	100.0	84.9	11.7	100.0	NA	11.8	100.0	86.2	10.7
North Dakota	100.0	93.4	32.1	100.0	93.8	42.4	100.0	94.2	39.3
Ohio	100.0	100.0	NA	100.0	100.0	2.3	100.0	100.0	2.3
Oklahoma	100.0	45.6	NA	100.0	50.2	0.9	100.0	47.7	1.1
Oregon	100.0	94.5	15.6	100.0	NA	16.8	100.0	96.2	17.8
Pennsylvania	87.3	38.4	NA	86.1	42.6	1.5	86.2	42.9	1.6
Rhode Island	100.0	52.4	3.6	100.0	54.4	6.5	100.0	52.5	9.5
South Carolina	100.0	92.2	41.0	100.0	92.1	42.2	100.0	94.2	44.3
South Dakota	100.0	81.8	4.8	100.0	82.6	4.9	100.0	82.9	5.3
Tennessee	100.0	89.3	28.4	100.0	91.1	29.8	100.0	92.7	31.1
Texas	NA	NA	40.8	99.9	NA	40.8	99.8	75.3	40.6
Utah	100.0	78.1	7.1	100.0	78.5	9.1	100.0	79.7	9.9
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.9	54.6	NA	90.0	57.3	NA	90.0	57.8	11.8
Washington	NA	NA	6.8	100.0	85.7	6.8	100.0	86.3	7.6
West Virginia	100.0	54.9	NA	100.0	59.4	14.7	100.0	60.8	14.9
Wisconsin	100.0	73.4	NA	100.0	NA	NA	100.0	79.0	21.3
Wyoming	NA	NA	NA	72.1	NA	2.6	72.2	61.1	1.3
Total	**95.8**	**66.7**	**14.7**	**95.6**	**68.3**	**15.0**	**95.5**	**67.9**	**16.4**

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2014-2016 – continued

State	June Residential	June Commercial	June Industrial	May Residential	May Commercial	May Industrial	2016 April Residential	2016 April Commercial	2016 April Industrial
Alabama	100.0	73.5	22.2	100.0	73.4	24.8	100.0	76.0	21.9
Alaska	100.0	97.0	100.0	100.0	98.0	100.0	100.0	R98.5	100.0
Arizona	100.0	81.7	20.0	100.0	81.7	14.8	100.0	83.2	14.1
Arkansas	100.0	26.3	1.1	100.0	27.7	1.1	100.0	38.3	1.4
California	94.6	48.6	3.7	95.2	53.5	3.7	94.7	54.3	4.0
Colorado	100.0	91.6	5.4	100.0	93.7	7.2	100.0	93.7	7.3
Connecticut	95.3	70.9	44.6	95.4	73.0	46.4	96.2	75.9	47.1
Delaware	100.0	31.2	0.2	100.0	35.9	0.1	100.0	40.8	0.1
District of Columbia	70.3	15.8	--	70.6	17.0	--	71.8	18.7	--
Florida	97.9	26.5	3.5	97.9	28.5	3.2	97.4	29.4	3.2
Georgia	100.0	100.0	22.3	100.0	100.0	20.7	100.0	100.0	21.9
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	59.8	2.5	100.0	62.4	2.3	100.0	67.4	2.4
Illinois	86.3	23.8	NA	82.9	26.4	NA	84.7	32.7	5.0
Indiana	95.0	53.9	1.0	95.2	59.4	1.3	NA	NA	1.8
Iowa	100.0	56.3	2.8	100.0	60.9	3.9	100.0	69.3	3.9
Kansas	100.0	33.1	12.7	100.0	NA	5.6	100.0	NA	NA
Kentucky	96.2	66.7	18.2	96.2	70.8	17.3	96.2	75.4	18.1
Louisiana	100.0	78.5	1.9	100.0	76.2	1.9	100.0	79.8	2.2
Maine	100.0	51.8	NA	100.0	56.6	NA	100.0	60.5	NA
Maryland	72.3	20.1	NA	71.6	NA	3.8	NA	NA	5.8
Massachusetts	98.5	29.0	21.2	98.7	37.2	21.9	98.8	43.9	25.1
Michigan	92.2	40.8	2.5	92.1	47.2	4.3	92.7	56.8	6.4
Minnesota	100.0	73.0	10.0	100.0	NA	14.2	100.0	83.6	NA
Mississippi	NA	79.8	8.6	100.0	80.2	8.0	NA	82.7	9.0
Missouri	100.0	61.4	8.4	100.0	62.8	8.4	100.0	69.5	11.3
Montana	99.5	44.0	NA	99.5	43.9	1.2	99.6	52.3	NA
Nebraska	86.4	56.0	NA	83.6	56.6	6.4	83.8	57.7	6.4
Nevada	100.0	51.6	10.8	100.0	53.1	12.5	100.0	55.5	13.5
New Hampshire	100.0	46.5	NA	100.0	50.7	NA	100.0	53.4	NA
New Jersey	94.4	24.3	3.8	94.5	31.5	3.7	94.3	42.8	6.3
New Mexico	99.9	53.8	NA	100.0	56.7	NA	100.0	56.8	NA
New York	100.0	100.0	NA	100.0	100.0	NA	100.0	100.0	5.2
North Carolina	100.0	77.3	9.3	100.0	77.9	9.6	100.0	81.0	10.9
North Dakota	100.0	84.9	38.4	100.0	90.3	40.5	100.0	92.7	23.4
Ohio	100.0	100.0	NA	100.0	100.0	0.9	100.0	100.0	NA
Oklahoma	100.0	31.5	NA	100.0	29.2	0.2	100.0	41.4	0.4
Oregon	100.0	93.0	13.6	100.0	93.6	13.7	100.0	93.7	15.0
Pennsylvania	87.1	27.2	NA	87.0	30.7	NA	87.3	35.0	0.8
Rhode Island	100.0	46.6	3.7	100.0	47.1	3.1	100.0	51.2	3.1
South Carolina	100.0	90.7	42.0	100.0	89.4	40.7	100.0	89.9	40.4
South Dakota	100.0	72.8	2.8	100.0	77.4	3.4	100.0	80.8	4.3
Tennessee	100.0	79.9	26.5	100.0	83.7	27.8	100.0	86.1	28.5
Texas	NA	NA	41.3	99.8	63.0	42.1	99.8	69.3	40.8
Utah	100.0	64.9	7.1	100.0	69.4	7.4	100.0	75.9	7.0
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.9	45.6	NA	88.6	48.1	NA	88.7	51.7	NA
Washington	NA	NA	4.4	100.0	81.4	5.3	100.0	81.5	6.3
West Virginia	100.0	28.5	10.3	100.0	32.3	12.0	100.0	51.9	12.1
Wisconsin	100.0	57.5	NA	100.0	58.7	NA	100.0	72.1	15.4
Wyoming	69.0	51.9	NA	72.2	57.1	NA	73.0	55.7	NA
Total	**95.7**	**57.8**	**14.3**	**R95.4**	**R60.3**	**R14.3**	**95.6**	**65.1**	**14.2**

See footnotes at end of table.

Table 24

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2014-2016 – continued

	2016								
	March			February			January		
State	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	82.0	24.6	100.0	84.3	26.4	100.0	77.4	24.5
Alaska	100.0	R99.0	100.0	100.0	R99.0	100.0	100.0	R99.2	100.0
Arizona	100.0	83.4	13.9	100.0	85.8	13.6	100.0	87.2	13.1
Arkansas	100.0	46.4	1.7	100.0	53.1	1.8	100.0	47.2	1.6
California	94.9	52.7	3.6	94.9	53.6	4.8	95.3	54.8	4.9
Colorado	100.0	94.6	8.9	100.0	94.6	9.7	100.0	95.8	10.3
Connecticut	96.4	79.9	49.4	96.6	80.7	52.1	96.6	NA	50.9
Delaware	100.0	47.8	0.4	100.0	49.4	0.5	100.0	41.6	0.3
District of Columbia	74.7	22.9	--	74.8	22.0	--	74.8	22.6	--
Florida	97.7	29.8	3.4	97.9	31.0	4.2	97.5	29.4	3.0
Georgia	100.0	100.0	21.0	100.0	100.0	21.5	100.0	100.0	20.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	76.5	2.3	100.0	80.3	2.3	100.0	83.3	2.4
Illinois	84.5	35.4	7.0	86.5	39.9	8.6	87.5	41.2	9.8
Indiana	95.3	63.9	2.2	95.9	70.1	2.7	96.1	71.5	3.1
Iowa	100.0	68.5	4.8	100.0	74.8	NA	100.0	76.7	4.8
Kansas	100.0	52.8	4.4	100.0	68.2	1.2	100.0	67.5	0.7
Kentucky	95.8	79.6	16.9	96.4	83.4	18.2	97.2	83.2	16.6
Louisiana	100.0	81.4	2.1	100.0	81.3	2.4	100.0	78.7	2.1
Maine	100.0	60.0	NA	100.0	61.4	NA	100.0	60.1	NA
Maryland	72.5	28.5	8.6	74.4	30.6	12.1	75.0	NA	13.5
Massachusetts	99.0	49.6	29.4	99.1	49.5	27.6	99.2	48.1	23.7
Michigan	92.3	57.5	8.0	92.7	59.4	9.5	92.9	60.7	9.4
Minnesota	100.0	83.8	14.8	100.0	84.1	NA	100.0	88.1	NA
Mississippi	100.0	86.0	10.8	100.0	88.1	11.3	100.0	88.5	8.4
Missouri	100.0	75.8	12.7	100.0	76.4	15.8	100.0	78.9	14.0
Montana	99.6	47.3	NA	99.7	52.1	1.9	99.7	55.8	1.9
Nebraska	88.4	62.4	7.7	89.6	61.5	8.5	86.5	R60.6	8.8
Nevada	100.0	59.7	14.4	100.0	67.6	20.6	100.0	69.4	23.8
New Hampshire	100.0	55.8	NA	100.0	57.3	NA	100.0	57.4	15.5
New Jersey	94.4	41.2	10.4	94.2	46.4	12.8	94.2	47.4	9.4
New Mexico	100.0	59.2	NA	100.0	64.1	NA	100.0	59.9	2.7
New York	100.0	100.0	7.7	100.0	100.0	8.4	100.0	100.0	7.2
North Carolina	100.0	81.5	12.3	100.0	88.0	14.1	100.0	89.4	12.9
North Dakota	100.0	93.5	31.1	100.0	94.4	24.2	100.0	94.6	31.1
Ohio	100.0	100.0	1.9	100.0	100.0	2.8	100.0	100.0	2.4
Oklahoma	100.0	45.2	0.7	100.0	53.8	1.1	100.0	48.8	0.5
Oregon	100.0	94.5	16.3	100.0	94.9	16.9	100.0	95.4	17.4
Pennsylvania	87.1	37.7	1.2	87.1	41.7	1.8	87.7	42.5	1.4
Rhode Island	100.0	52.7	4.0	100.0	53.6	3.6	100.0	56.3	3.9
South Carolina	100.0	90.7	43.2	100.0	93.4	41.8	100.0	94.8	37.9
South Dakota	100.0	80.9	5.5	100.0	82.6	6.3	100.0	84.7	6.3
Tennessee	100.0	90.0	30.0	100.0	92.5	29.4	100.0	91.2	28.2
Texas	99.8	71.9	41.0	99.8	76.4	38.7	99.8	78.6	40.8
Utah	100.0	77.6	6.8	100.0	80.7	6.8	100.0	82.9	7.3
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.1	51.8	8.8	90.3	58.3	12.8	91.3	60.8	NA
Washington	100.0	87.5	7.9	100.0	86.7	7.6	100.0	89.0	8.3
West Virginia	100.0	54.6	NA	100.0	63.5	14.3	100.0	64.6	11.5
Wisconsin	100.0	73.8	16.9	100.0	76.8	20.7	100.0	78.7	20.5
Wyoming	NA	NA	NA	74.2	56.3	2.6	73.1	54.2	2.6
Total	**95.6**	**66.8**	**14.9**	**95.9**	**69.4**	**15.0**	**96.0**	**70.4**	**R15.2**

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2014-2016 – continued

	2015								
	Total			December			November		
State	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	99.0	77.6	23.3	100.0	76.2	22.9	100.0	69.9	23.2
Alaska	100.0	98.1	100.0	100.0	99.6	100.0	100.0	99.9	100.0
Arizona	100.0	83.8	NA	100.0	85.5	13.6	100.0	83.3	13.8
Arkansas	100.0	42.5	1.7	100.0	41.8	1.7	100.0	28.2	1.7
California	94.9	50.0	3.8	95.6	54.8	4.6	96.1	51.7	4.1
Colorado	NA	NA	NA	100.0	95.8	9.8	100.0	95.7	9.1
Connecticut	96.3	76.2	47.2	96.4	78.4	50.9	95.9	75.4	49.8
Delaware	100.0	45.7	NA	100.0	38.9	0.2	100.0	31.6	0.1
District of Columbia	73.2	21.4	0.0	72.4	21.9	--	70.1	17.4	--
Florida	97.8	NA	NA	97.6	28.6	NA	97.6	27.6	3.5
Georgia	100.0	100.0	NA	100.0	100.0	20.4	100.0	100.0	20.3
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	74.6	2.4	100.0	83.5	2.4	100.0	79.0	2.1
Illinois	86.3	36.1	R5.9	86.8	37.1	R7.4	88.2	35.5	R5.7
Indiana	NA	67.0	1.9	96.0	67.8	2.0	95.9	65.5	1.7
Iowa	100.0	NA	NA	100.0	75.2	4.2	100.0	NA	6.3
Kansas	NA	57.0	NA	100.0	59.0	1.0	NA	53.1	2.3
Kentucky	96.3	79.2	16.0	96.7	80.6	16.4	97.4	76.0	16.3
Louisiana	100.0	79.1	2.0	100.0	76.4	1.8	100.0	73.3	1.9
Maine	100.0	51.5	NA	100.0	57.2	NA	100.0	53.1	NA
Maryland	73.1	27.4	NA	73.0	24.9	8.2	74.6	28.4	5.3
Massachusetts	NA	NA	26.3	99.2	44.4	24.6	99.3	37.9	19.9
Michigan	92.7	55.4	NA	93.0	56.5	8.3	92.9	54.3	5.9
Minnesota	100.0	84.3	NA	100.0	89.0	NA	100.0	82.4	17.6
Mississippi	NA	NA	9.0	100.0	86.1	8.4	NA	NA	8.5
Missouri	100.0	71.1	12.3	100.0	72.9	12.2	100.0	65.4	9.5
Montana	99.8	NA	NA	99.8	53.6	1.5	99.8	46.8	1.6
Nebraska	87.2	56.1	7.1	86.9	58.3	6.7	83.8	48.8	6.4
Nevada	100.0	57.9	NA	100.0	65.8	17.8	100.0	58.7	21.1
New Hampshire	100.0	58.4	NA	100.0	55.4	NA	100.0	53.1	NA
New Jersey	93.4	NA	NA	94.3	42.0	7.6	94.0	37.2	4.6
New Mexico	100.0	NA	6.4	100.0	53.1	7.4	100.0	NA	8.7
New York	100.0	100.0	NA	100.0	100.0	6.7	100.0	100.0	5.1
North Carolina	NA	NA	10.9	100.0	NA	11.4	100.0	81.3	10.4
North Dakota	100.0	93.0	39.6	100.0	94.3	24.7	100.0	93.2	44.9
Ohio	100.0	100.0	NA	100.0	100.0	2.0	100.0	100.0	1.6
Oklahoma	100.0	44.1	0.6	100.0	41.3	0.9	100.0	24.2	0.4
Oregon	100.0	NA	16.6	100.0	95.3	16.6	100.0	95.1	16.5
Pennsylvania	NA	NA	1.0	86.8	38.5	1.0	87.7	37.3	0.7
Rhode Island	100.0	53.9	5.3	100.0	54.1	4.8	100.0	48.6	4.4
South Carolina	100.0	91.3	42.1	100.0	90.1	38.5	100.0	91.3	42.8
South Dakota	100.0	81.0	4.1	100.0	83.0	5.2	100.0	80.8	5.4
Tennessee	100.0	88.6	29.6	100.0	88.4	28.6	100.0	85.5	29.4
Texas	99.9	NA	40.7	99.8	76.4	40.5	99.6	66.1	40.0
Utah	100.0	77.0	8.6	100.0	80.7	6.7	100.0	76.1	7.2
Vermont	100.0	NA	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.9	54.2	NA	89.5	53.2	10.5	90.7	50.4	7.5
Washington	100.0	85.4	6.2	100.0	88.3	7.8	100.0	86.4	5.6
West Virginia	100.0	53.3	NA	100.0	56.0	NA	100.0	49.4	NA
Wisconsin	100.0	NA	NA	100.0	77.7	17.7	100.0	75.1	20.3
Wyoming	73.3	NA	NA	75.7	53.2	NA	75.4	46.0	1.9
Total	**95.7**	**65.9**	**14.7**	**96.1**	**67.7**	**14.7**	**96.0**	**63.8**	**14.6**

See footnotes at end of table.

Table 24

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2014-2016 – continued

	2015								
	October			September			August		
State	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	68.6	23.8	100.0	69.7	23.2	68.8	69.7	21.7
Alaska	100.0	98.6	100.0	100.0	98.2	100.0	100.0	97.1	100.0
Arizona	100.0	80.2	16.3	100.0	80.1	16.3	100.0	79.4	NA
Arkansas	100.0	28.1	1.5	100.0	25.7	1.3	100.0	25.0	1.6
California	94.7	46.6	4.0	94.6	43.9	3.2	94.9	43.5	3.1
Colorado	100.0	93.1	6.6	100.0	90.8	5.8	100.0	91.0	4.4
Connecticut	94.6	73.5	47.8	96.2	66.9	44.5	94.3	67.6	45.3
Delaware	100.0	31.6	0.2	100.0	29.9	0.5	100.0	33.4	0.1
District of Columbia	70.6	15.9	--	69.6	15.0	--	68.8	16.0	--
Florida	97.7	27.8	3.0	97.9	27.7	3.5	97.7	26.9	3.3
Georgia	100.0	100.0	20.8	100.0	100.0	20.2	100.0	100.0	21.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	67.0	2.1	100.0	64.4	1.9	100.0	58.6	2.0
Illinois	87.1	30.4	R3.9	86.3	R20.9	2.8	85.3	21.9	2.8
Indiana	95.4	64.0	1.4	95.9	57.5	1.1	95.5	53.9	1.1
Iowa	100.0	70.3	5.2	100.0	59.3	NA	100.0	55.5	1.9
Kansas	100.0	40.1	4.8	100.0	35.8	15.3	100.0	33.9	19.2
Kentucky	97.6	72.3	15.5	97.2	68.0	14.5	97.6	67.6	16.1
Louisiana	100.0	74.9	1.9	100.0	74.3	1.8	100.0	77.0	1.8
Maine	100.0	47.7	NA	100.0	28.5	NA	100.0	27.5	NA
Maryland	73.4	23.2	3.3	71.7	18.5	4.5	71.7	17.1	0.8
Massachusetts	NA	NA	18.2	99.2	26.4	19.3	99.3	26.7	21.3
Michigan	92.8	48.5	3.3	92.1	36.5	2.3	92.6	37.6	2.4
Minnesota	100.0	82.7	14.6	100.0	74.2	12.7	100.0	74.7	12.6
Mississippi	100.0	82.3	8.8	100.0	NA	9.6	100.0	82.0	9.3
Missouri	100.0	58.8	9.0	100.0	58.5	8.1	100.0	57.3	8.5
Montana	99.8	43.1	1.5	99.8	43.9	0.8	99.8	49.3	NA
Nebraska	87.2	52.4	6.1	88.9	43.4	6.4	88.2	44.6	5.6
Nevada	100.0	47.0	11.8	100.0	47.9	NA	100.0	46.6	NA
New Hampshire	100.0	48.8	NA	100.0	49.4	NA	100.0	52.6	NA
New Jersey	94.0	NA	2.9	93.8	NA	2.4	93.6	17.1	2.3
New Mexico	99.9	38.6	10.0	100.0	47.1	7.9	100.0	46.5	9.5
New York	100.0	100.0	4.5	100.0	100.0	4.7	100.0	100.0	4.9
North Carolina	100.0	79.7	10.0	100.0	75.8	9.4	NA	NA	9.4
North Dakota	100.0	90.8	44.0	100.0	87.0	41.6	100.0	82.9	34.8
Ohio	100.0	100.0	1.1	100.0	100.0	NA	100.0	100.0	1.0
Oklahoma	100.0	26.9	0.2	100.0	28.4	0.2	100.0	28.5	0.4
Oregon	100.0	94.7	17.0	100.0	94.2	17.0	100.0	94.0	15.4
Pennsylvania	NA	NA	0.4	87.3	29.5	0.2	87.4	28.5	0.2
Rhode Island	100.0	53.9	3.3	100.0	53.1	3.4	100.0	52.8	3.5
South Carolina	100.0	89.7	43.6	100.0	88.8	43.2	100.0	90.2	41.8
South Dakota	100.0	75.5	2.8	100.0	69.1	2.0	100.0	69.8	2.2
Tennessee	100.0	81.9	31.4	100.0	79.7	29.3	100.0	76.7	29.5
Texas	100.0	64.3	40.9	100.0	62.6	41.3	99.7	63.0	39.5
Utah	100.0	67.0	7.7	100.0	66.7	7.6	100.0	65.1	8.0
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.3	48.0	10.0	88.8	40.0	9.0	87.8	44.3	7.7
Washington	100.0	83.1	5.5	100.0	80.7	5.0	100.0	84.3	4.1
West Virginia	100.0	45.9	13.9	100.0	27.5	12.8	100.0	32.7	12.1
Wisconsin	100.0	69.4	15.0	100.0	58.1	12.6	100.0	57.2	11.1
Wyoming	76.5	54.8	2.5	75.3	51.1	2.1	76.0	58.0	2.9
Total	**95.5**	**60.3**	**14.4**	**95.9**	**R55.9**	**14.3**	**95.5**	**55.1**	**14.0**

See footnotes at end of table.

Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2014-2016 – continued

									2015
			July			June			May
State	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	70.5	21.7	100.0	71.9	22.4	100.0	72.6	24.3
Alaska	100.0	96.4	100.0	100.0	97.5	100.0	100.0	98.8	100.0
Arizona	100.0	80.7	16.3	100.0	82.0	16.2	100.0	82.7	16.3
Arkansas	100.0	28.0	1.2	100.0	27.3	1.2	100.0	30.2	1.3
California	94.8	45.0	3.1	94.6	47.3	3.1	94.7	51.6	4.5
Colorado	100.0	90.9	3.5	NA	NA	4.2	NA	NA	8.7
Connecticut	95.8	71.9	43.9	95.5	70.6	43.5	94.9	72.0	43.4
Delaware	100.0	35.8	0.2	100.0	38.4	NA	100.0	43.3	0.2
District of Columbia	68.0	15.8	--	83.8	26.4	--	63.9	19.4	--
Florida	97.8	28.0	3.3	98.1	NA	3.0	98.0	30.2	3.2
Georgia	100.0	100.0	20.0	100.0	100.0	19.3	100.0	100.0	NA
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	52.9	2.2	100.0	58.2	2.1	100.0	62.7	2.3
Illinois	85.2	25.2	R2.3	83.4	24.4	R3.1	83.0	25.8	R3.5
Indiana	95.1	56.8	1.3	NA	55.3	2.0	95.6	55.7	0.9
Iowa	100.0	59.1	2.4	100.0	57.8	2.1	100.0	61.8	2.8
Kansas	100.0	31.1	18.2	100.0	42.4	8.3	100.0	38.3	NA
Kentucky	96.9	66.4	15.9	96.6	67.6	16.0	95.0	68.2	16.0
Louisiana	100.0	81.2	1.9	100.0	82.1	1.9	100.0	75.5	2.1
Maine	100.0	30.5	NA	100.0	37.6	NA	100.0	52.0	NA
Maryland	70.8	21.5	NA	70.3	19.4	1.6	70.3	21.2	1.8
Massachusetts	99.3	28.3	21.1	99.3	34.2	24.2	99.3	36.7	23.5
Michigan	92.4	36.6	2.5	93.0	40.8	2.5	92.3	49.3	NA
Minnesota	100.0	71.0	11.4	100.0	70.9	14.0	100.0	79.6	12.8
Mississippi	99.3	81.0	8.7	99.4	80.3	8.7	99.4	81.6	9.5
Missouri	100.0	58.6	7.5	100.0	62.2	8.7	100.0	60.3	9.4
Montana	99.8	47.8	1.1	99.8	52.7	1.9	99.8	53.2	1.0
Nebraska	88.9	47.5	5.5	86.5	48.7	5.9	84.3	49.3	6.2
Nevada	100.0	48.1	10.6	100.0	51.0	NA	100.0	50.1	NA
New Hampshire	100.0	53.2	NA	100.0	49.2	NA	100.0	55.3	NA
New Jersey	93.8	23.0	3.1	94.2	27.9	2.9	93.6	NA	NA
New Mexico	100.0	47.4	7.3	100.0	51.4	5.3	100.0	52.4	6.2
New York	100.0	100.0	5.0	100.0	100.0	5.5	100.0	100.0	NA
North Carolina	100.0	73.6	8.7	100.0	76.5	8.8	100.0	76.6	9.2
North Dakota	100.0	85.7	23.9	100.0	85.1	39.3	100.0	90.1	43.5
Ohio	100.0	100.0	1.4	100.0	100.0	0.6	100.0	100.0	1.1
Oklahoma	100.0	31.0	0.2	100.0	32.7	0.4	100.0	33.0	0.5
Oregon	100.0	94.3	15.3	100.0	NA	15.0	100.0	95.0	16.1
Pennsylvania	87.1	28.5	0.2	85.7	30.1	0.3	85.3	33.3	0.4
Rhode Island	100.0	51.5	4.8	100.0	50.0	5.2	100.0	46.8	4.0
South Carolina	100.0	90.1	42.2	100.0	89.7	41.9	100.0	89.2	41.9
South Dakota	100.0	71.7	1.9	100.0	71.8	2.4	100.0	77.8	3.2
Tennessee	100.0	79.8	27.8	100.0	80.8	29.0	100.0	84.0	30.4
Texas	99.7	65.9	41.5	99.8	66.9	41.4	99.7	64.2	43.6
Utah	100.0	66.9	10.9	100.0	67.1	11.4	100.0	69.4	10.2
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.6	47.0	7.3	87.5	43.1	8.1	87.4	45.8	7.7
Washington	100.0	79.6	4.5	100.0	79.8	4.8	100.0	81.5	5.5
West Virginia	100.0	28.1	11.5	100.0	26.3	13.0	100.0	34.0	12.2
Wisconsin	100.0	54.8	11.5	100.0	60.1	11.4	100.0	66.2	13.2
Wyoming	75.2	55.0	2.2	72.4	56.3	1.8	72.6	45.4	2.0
Total	**95.7**	**57.1**	**14.3**	**95.5**	**57.9**	**14.4**	**95.5**	**61.5**	**15.2**

R Revised data.

-- Not applicable.

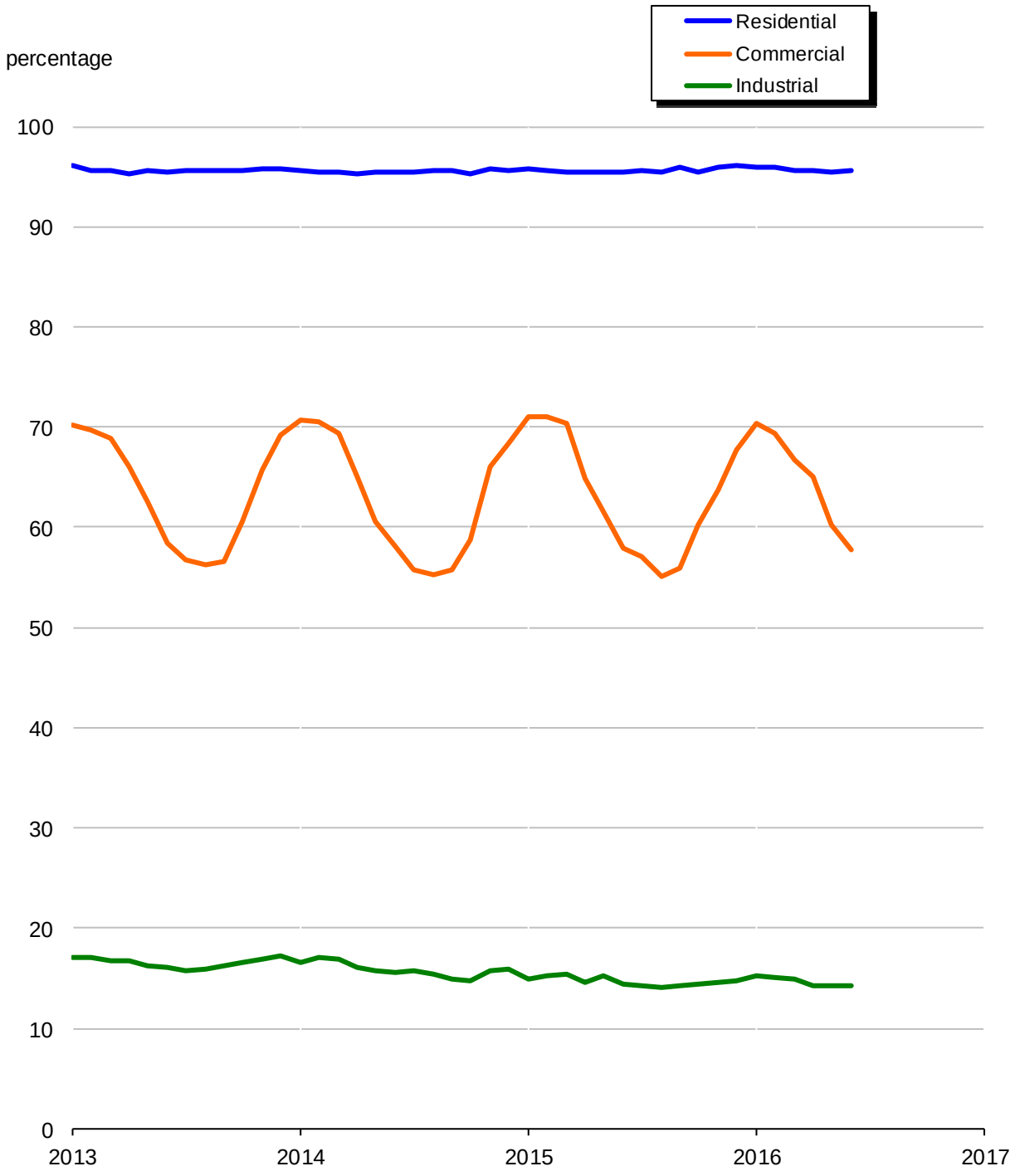
NA Not available.

Notes: Volumes of natural gas reported for the residential, commercial, and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percentage of the total state volume that represents natural gas sales to the residential, commercial, and industrial sectors. This information may be helpful in evaluating residential, commercial, and industrial price data which are based on sales data only. Starting in 2011, 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

Figure 6. Percentage of total deliveries included in residential, commercial, and industrial price estimates, 2013-2016



Sources: Energy Information Administration (EIA): Form EIA-857, "*Monthly Report of Natural Gas Purchases and Deliveries to Consumers*," and Form EIA-910, *"Monthly Natural Gas Marketer Survey."*

Table 25. Heating value of natural gas consumed, by state, 2014-2016

(Btu per cubic foot)

State	2016 6-Month YTD	2015 6-Month YTD	2014 6-Month YTD	2016 June	May	April	March
Alabama	1,028	1,030	1,021	1,026	1,028	1,028	1,030
Alaska	1,001	1,001	1,002	1,003	1,002	1,001	1,001
Arizona	1,041	1,037	1,027	1,031	1,037	1,042	1,050
Arkansas	1,023	1,029	1,022	1,020	1,018	1,019	1,017
California	1,034	1,033	1,026	1,042	1,021	1,035	1,034
Colorado	1,058	1,052	1,038	1,071	1,066	1,065	1,055
Connecticut	1,026	1,028	1,018	1,026	1,025	1,026	1,026
Delaware	1,043	1,056	1,046	1,042	1,042	1,044	1,043
District of Columbia	1,044	1,045	1,036	1,034	1,035	1,040	1,043
Florida	1,021	1,025	1,019	1,020	1,021	1,023	1,024
Georgia	1,029	1,027	1,019	1,027	1,030	1,028	1,030
Hawaii	1,010	970	947	1,050	1,018	992	1,003
Idaho	1,036	1,028	1,031	1,035	1,044	1,056	1,044
Illinois	1,032	1,029	1,020	1,027	1,032	1,032	1,030
Indiana	1,036	1,032	1,017	1,042	1,038	1,034	1,032
Iowa	1,053	1,048	1,035	1,058	1,057	1,053	1,052
Kansas	1,034	1,036	1,019	1,034	1,032	1,033	1,037
Kentucky	1,027	1,023	1,028	1,025	1,018	1,026	1,023
Louisiana	1,032	1,034	1,024	1,023	1,022	1,021	1,022
Maine	1,028	1,029	1,028	1,023	1,019	1,024	1,030
Maryland	1,053	1,057	1,049	1,046	1,047	1,048	1,050
Massachusetts	1,030	1,031	1,032	1,029	1,029	1,029	1,030
Michigan	1,038	1,028	1,020	1,041	1,038	1,040	1,036
Minnesota	1,041	1,039	1,030	1,044	1,042	1,041	1,039
Mississippi	1,033	1,033	1,022	1,030	1,036	1,033	1,039
Missouri	1,024	1,021	1,014	1,022	1,021	1,024	1,024
Montana	1,028	1,025	1,027	1,029	1,023	1,023	1,027
Nebraska	1,052	1,053	1,036	1,064	1,064	1,062	1,048
Nevada	1,040	1,042	1,033	1,038	1,039	1,042	1,037
New Hampshire	1,032	1,033	1,033	1,028	1,027	1,029	1,031
New Jersey	1,041	1,048	1,044	1,037	1,037	1,039	1,042
New Mexico	1,049	1,037	1,030	1,049	1,052	1,048	1,048
New York	1,032	1,034	1,032	1,030	1,029	1,033	1,033
North Carolina	1,036	1,032	1,014	1,034	1,038	1,038	1,037
North Dakota	1,069	1,046	1,063	1,070	1,091	1,108	1,099
Ohio	1,071	1,065	1,044	1,069	1,070	1,068	1,070
Oklahoma	1,047	1,045	1,038	1,046	1,047	1,044	1,048
Oregon	1,038	1,035	1,019	1,044	1,043	1,038	1,036
Pennsylvania	1,043	1,050	1,048	1,041	1,042	1,042	1,042
Rhode Island	1,029	1,029	1,029	1,028	1,029	1,034	1,025
South Carolina	1,030	1,029	1,022	1,029	1,030	1,031	1,029
South Dakota	1,056	1,048	1,032	1,058	1,054	1,052	1,053
Tennessee	1,031	1,027	1,025	1,024	1,031	1,031	1,034
Texas	1,030	1,031	1,026	1,027	1,029	1,032	1,030
Utah	1,043	1,044	1,042	1,040	1,041	1,042	1,041
Vermont	1,029	1,027	1,015	1,025	1,023	1,028	1,030
Virginia	1,054	1,052	1,039	1,052	1,054	1,052	1,056
Washington	1,076	1,060	1,040	1,080	1,078	1,078	1,077
West Virginia	1,091	1,083	1,070	1,118	1,096	1,096	1,096
Wisconsin	1,039	1,040	1,032	1,033	1,037	1,038	1,038
Wyoming	1,070	1,053	1,040	1,048	1,053	1,055	1,071
Total	**1,037**	**1,036**	**1,029**	**1,034**	**1,034**	**1,037**	**1,037**

See footnotes at end of table.

Table 25

Table 25. Heating value of natural gas consumed, by state, 2014-2016

(Btu per cubic foot) – continued

State	2016 February	2016 January	2015 Total	2015 December	2015 November	2015 October	2015 September
Alabama	1,025	1,029	1,030	1,029	1,029	1,030	1,030
Alaska	1,000	1,000	1,001	1,000	1,001	1,001	1,001
Arizona	1,047	1,046	1,039	1,044	1,041	1,042	1,040
Arkansas	1,015	1,019	1,028	1,015	1,014	1,029	1,019
California	1,036	1,038	1,035	1,037	1,037	1,035	1,037
Colorado	1,052	1,050	1,058	1,051	1,060	1,069	1,076
Connecticut	1,026	1,026	1,027	1,026	1,027	1,028	1,026
Delaware	1,050	1,055	1,050	1,049	1,051	1,051	1,043
District of Columbia	1,049	1,051	1,044	1,044	1,039	1,045	1,035
Florida	1,025	1,015	1,024	1,023	1,023	1,023	1,024
Georgia	1,030	1,029	1,028	1,027	1,026	1,028	1,029
Hawaii	1,004	998	981	997	996	996	989
Idaho	1,038	1,034	1,029	1,041	1,035	1,033	1,024
Illinois	1,031	1,031	1,029	1,030	1,030	1,028	1,028
Indiana	1,033	1,030	1,036	1,033	1,034	1,039	1,041
Iowa	1,052	1,053	1,052	1,056	1,057	1,058	1,058
Kansas	1,036	1,032	1,037	1,031	1,035	1,037	1,039
Kentucky	1,025	1,027	1,025	1,024	1,021	1,024	1,020
Louisiana	1,025	1,024	1,032	1,023	1,022	1,023	1,023
Maine	1,037	1,035	1,026	1,027	1,025	1,026	1,019
Maryland	1,055	1,061	1,055	1,050	1,049	1,053	1,050
Massachusetts	1,032	1,031	1,030	1,030	1,029	1,028	1,027
Michigan	1,038	1,040	1,031	1,040	1,041	1,034	1,036
Minnesota	1,035	1,043	1,041	1,041	1,045	1,041	1,039
Mississippi	1,032	1,031	1,031	1,030	1,029	1,028	1,031
Missouri	1,023	1,024	1,023	1,023	1,024	1,025	1,026
Montana	1,030	1,033	1,029	1,034	1,034	1,032	1,032
Nebraska	1,054	1,054	1,055	1,053	1,055	1,060	1,068
Nevada	1,042	1,043	1,043	1,042	1,043	1,043	1,044
New Hampshire	1,039	1,035	1,031	1,030	1,029	1,029	1,028
New Jersey	1,043	1,044	1,046	1,044	1,044	1,041	1,041
New Mexico	1,048	1,046	1,041	1,046	1,042	1,048	1,040
New York	1,034	1,033	1,033	1,033	1,032	1,032	1,032
North Carolina	1,034	1,034	1,034	1,034	1,033	1,040	1,038
North Dakota	1,095	1,095	1,054	1,112	1,097	1,093	1,078
Ohio	1,072	1,073	1,067	1,077	1,077	1,071	1,071
Oklahoma	1,047	1,049	1,047	1,050	1,047	1,049	1,049
Oregon	1,034	1,033	1,037	1,036	1,035	1,036	1,038
Pennsylvania	1,045	1,048	1,047	1,046	1,046	1,045	1,044
Rhode Island	1,027	1,032	1,028	1,028	1,028	1,028	1,028
South Carolina	1,031	1,031	1,030	1,030	1,030	1,031	1,031
South Dakota	1,058	1,060	1,051	1,058	1,053	1,053	1,056
Tennessee	1,035	1,035	1,027	1,034	1,031	1,032	1,025
Texas	1,028	1,029	1,033	1,030	1,033	1,036	1,036
Utah	1,043	1,046	1,044	1,046	1,044	1,044	1,042
Vermont	1,032	1,029	1,026	1,027	1,027	1,030	1,020
Virginia	1,055	1,055	1,053	1,057	1,051	1,053	1,055
Washington	1,075	1,070	1,065	1,073	1,069	1,064	1,066
West Virginia	1,096	1,092	1,086	1,090	1,114	1,090	1,102
Wisconsin	1,046	1,045	1,039	1,044	1,043	1,045	1,034
Wyoming	1,052	1,056	1,056	1,054	1,046	1,040	1,041
Total	**1,038**	**1,038**	**1,037**	**1,038**	**1,038**	**1,037**	**1,037**

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2014-2016

(Btu per cubic foot) – continued

State	2015 August	July	June	May	April	March	February
Alabama	1,030	1,032	1,032	1,031	1,032	1,029	1,026
Alaska	1,002	1,002	1,002	1,001	1,002	1,001	1,000
Arizona	1,038	1,038	1,036	1,038	1,040	1,036	1,038
Arkansas	1,022	1,023	1,020	1,022	1,025	1,023	1,023
California	1,037	1,037	1,037	1,033	1,034	1,033	1,035
Colorado	1,069	1,073	1,070	1,059	1,059	1,051	1,044
Connecticut	1,026	1,027	1,027	1,049	1,026	1,029	1,026
Delaware	1,044	1,044	1,055	1,055	1,051	1,062	1,061
District of Columbia	1,036	1,037	1,040	1,044	1,044	1,046	1,047
Florida	1,024	1,026	1,026	1,026	1,024	1,024	1,025
Georgia	1,028	1,030	1,031	1,028	1,026	1,025	1,026
Hawaii	965	1,011	1,005	990	959	947	954
Idaho	1,028	1,034	1,010	1,000	1,023	1,030	1,037
Illinois	1,027	1,027	1,027	1,029	1,028	1,029	1,030
Indiana	1,044	1,043	1,043	1,037	1,039	1,031	1,029
Iowa	1,059	1,059	1,060	1,054	1,051	1,047	1,047
Kansas	1,042	1,040	1,039	1,044	1,036	1,035	1,034
Kentucky	1,015	1,024	1,021	1,023	1,016	1,015	1,018
Louisiana	1,024	1,028	1,027	1,028	1,029	1,029	1,031
Maine	1,018	1,020	1,020	1,022	1,025	1,030	1,035
Maryland	1,049	1,055	1,057	1,058	1,051	1,058	1,061
Massachusetts	1,028	1,029	1,027	1,027	1,029	1,030	1,035
Michigan	1,035	1,034	1,033	1,028	1,035	1,030	1,026
Minnesota	1,041	1,043	1,047	1,044	1,037	1,033	1,034
Mississippi	1,029	1,030	1,030	1,032	1,037	1,031	1,033
Missouri	1,026	1,026	1,026	1,024	1,026	1,025	1,020
Montana	1,033	1,031	1,030	1,019	1,021	1,028	1,029
Nebraska	1,071	1,068	1,063	1,061	1,057	1,053	1,054
Nevada	1,043	1,044	1,045	1,043	1,043	1,041	1,040
New Hampshire	1,028	1,027	1,028	1,028	1,029	1,033	1,041
New Jersey	1,042	1,043	1,043	1,043	1,043	1,050	1,050
New Mexico	1,049	1,038	1,039	1,038	1,034	1,034	1,038
New York	1,031	1,031	1,032	1,032	1,034	1,034	1,035
North Carolina	1,037	1,038	1,033	1,035	1,035	1,030	1,028
North Dakota	1,095	1,117	1,089	1,084	1,084	1,072	1,078
Ohio	1,068	1,069	1,068	1,072	1,073	1,062	1,062
Oklahoma	1,047	1,050	1,049	1,048	1,045	1,044	1,043
Oregon	1,039	1,039	1,042	1,039	1,035	1,032	1,031
Pennsylvania	1,044	1,044	1,046	1,050	1,049	1,049	1,054
Rhode Island	1,028	1,028	1,028	1,028	1,029	1,029	1,029
South Carolina	1,029	1,031	1,030	1,030	1,029	1,028	1,028
South Dakota	1,060	1,062	1,059	1,054	1,051	1,047	1,048
Tennessee	1,023	1,027	1,025	1,025	1,027	1,029	1,029
Texas	1,035	1,036	1,036	1,036	1,034	1,029	1,028
Utah	1,043	1,043	1,043	1,043	1,049	1,047	1,046
Vermont	1,019	1,022	1,021	1,021	1,024	1,027	1,035
Virginia	1,054	1,056	1,055	1,055	1,045	1,051	1,053
Washington	1,065	1,070	1,069	1,065	1,062	1,060	1,054
West Virginia	1,099	1,099	1,096	1,107	1,103	1,069	1,084
Wisconsin	1,040	1,036	1,040	1,038	1,039	1,040	1,044
Wyoming	1,044	1,042	1,045	1,045	1,043	1,042	1,041
Total	**1,036**	**1,037**	**1,037**	**1,037**	**1,037**	**1,036**	**1,036**

See footnotes at end of table.

Table 25

Table 25. Heating value of natural gas consumed, by state, 2014-2016

(Btu per cubic foot) – continued

	2015						2014
State	January	Total	December	November	October	September	August
Alabama	1,028	1,025	1,028	1,029	1,027	1,029	1,027
Alaska	1,000	1,002	1,001	1,001	1,001	1,001	1,001
Arizona	1,038	1,029	1,032	1,032	1,033	1,032	1,032
Arkansas	1,021	1,024	1,017	1,011	1,018	1,019	1,021
California	1,034	1,029	1,034	1,035	1,034	1,033	1,031
Colorado	1,046	1,043	1,051	1,042	1,055	1,050	1,048
Connecticut	1,017	1,020	1,017	1,018	1,020	1,021	1,023
Delaware	1,061	1,054	1,064	1,063	1,063	1,062	1,065
District of Columbia	1,045	1,037	1,043	1,044	1,041	1,039	1,038
Florida	1,024	1,021	1,025	1,024	1,023	1,024	1,023
Georgia	1,025	1,022	1,025	1,026	1,026	1,027	1,023
Hawaii	968	958	962	974	968	990	978
Idaho	1,047	1,025	1,039	1,046	1,019	1,005	996
Illinois	1,027	1,021	1,024	1,023	1,021	1,021	1,020
Indiana	1,028	1,021	1,029	1,025	1,027	1,028	1,030
Iowa	1,045	1,038	1,045	1,044	1,046	1,044	1,047
Kansas	1,033	1,021	1,025	1,028	1,025	1,027	1,025
Kentucky	1,023	1,028	1,019	1,017	1,022	1,038	1,036
Louisiana	1,030	1,030	1,038	1,037	1,034	1,031	1,029
Maine	1,033	1,028	1,027	1,025	1,016	1,023	1,039
Maryland	1,059	1,050	1,057	1,057	1,052	1,049	1,051
Massachusetts	1,035	1,031	1,028	1,029	1,028	1,029	1,029
Michigan	1,027	1,021	1,029	1,026	1,023	1,022	1,028
Minnesota	1,041	1,033	1,040	1,038	1,040	1,046	1,051
Mississippi	1,036	1,029	1,034	1,035	1,033	1,035	1,036
Missouri	1,017	1,015	1,017	1,017	1,018	1,017	1,018
Montana	1,028	1,026	1,030	1,026	1,031	1,040	1,036
Nebraska	1,052	1,039	1,052	1,049	1,053	1,050	1,052
Nevada	1,040	1,034	1,037	1,036	1,036	1,033	1,035
New Hampshire	1,037	1,032	1,030	1,028	1,028	1,027	1,030
New Jersey	1,050	1,042	1,045	1,044	1,039	1,039	1,038
New Mexico	1,038	1,035	1,037	1,037	1,039	1,041	1,046
New York	1,034	1,031	1,033	1,032	1,032	1,031	1,031
North Carolina	1,030	1,018	1,029	1,028	1,025	1,022	1,024
North Dakota	1,036	1,064	1,096	1,105	1,100	1,123	1,106
Ohio	1,065	1,045	1,060	1,057	1,054	1,052	1,052
Oklahoma	1,042	1,040	1,041	1,041	1,043	1,044	1,042
Oregon	1,031	1,025	1,028	1,028	1,029	1,033	1,035
Pennsylvania	1,053	1,047	1,052	1,049	1,044	1,045	1,046
Rhode Island	1,029	1,029	1,029	1,029	1,030	1,027	1,029
South Carolina	1,030	1,024	1,029	1,028	1,027	1,028	1,024
South Dakota	1,048	1,035	1,048	1,048	1,049	1,045	1,045
Tennessee	1,028	1,026	1,028	1,029	1,027	1,024	1,020
Texas	1,026	1,030	1,030	1,031	1,033	1,033	1,036
Utah	1,039	1,041	1,037	1,038	1,041	1,040	1,040
Vermont	1,026	1,016	1,021	1,019	1,015	1,015	1,018
Virginia	1,056	1,041	1,054	1,055	1,046	1,038	1,040
Washington	1,052	1,043	1,050	1,049	1,045	1,046	1,047
West Virginia	1,097	1,073	1,094	1,077	1,082	1,119	1,106
Wisconsin	1,042	1,032	1,038	1,035	1,034	1,034	1,034
Wyoming	1,043	1,042	1,036	1,033	1,030	1,031	1,031
Total	**1,036**	**1,030**	**1,035**	**1,034**	**1,033**	**1,033**	**1,033**

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2014-2016

(Btu per cubic foot) – continued

							2014
State	**July**	**June**	**May**	**April**	**March**	**February**	**January**
Alabama	1,026	1,025	1,024	1,021	1,019	1,017	1,018
Alaska	1,001	1,001	1,001	1,002	1,001	1,004	1,002
Arizona	1,030	1,028	1,028	1,031	1,026	1,025	1,024
Arkansas	1,021	1,019	1,017	1,018	1,015	1,015	1,017
California	1,028	1,028	1,029	1,028	1,024	1,023	1,025
Colorado	1,048	1,050	1,051	1,041	1,038	1,036	1,030
Connecticut	1,022	1,022	1,020	1,019	1,016	1,015	1,015
Delaware	1,063	1,049	1,045	1,051	1,048	1,048	1,052
District of Columbia	1,038	1,038	1,035	1,038	1,031	1,035	1,041
Florida	1,022	1,019	1,019	1,019	1,018	1,018	1,018
Georgia	1,023	1,022	1,021	1,018	1,018	1,018	1,018
Hawaii	951	947	947	947	947	946	947
Idaho	984	993	1,006	1,022	1,030	1,036	1,048
Illinois	1,022	1,020	1,020	1,020	1,020	1,020	1,020
Indiana	1,025	1,023	1,023	1,019	1,019	1,017	1,016
Iowa	1,043	1,039	1,040	1,036	1,034	1,033	1,034
Kansas	1,025	1,023	1,022	1,023	1,019	1,017	1,017
Kentucky	1,034	1,037	1,031	1,028	1,026	1,024	1,029
Louisiana	1,029	1,025	1,028	1,021	1,018	1,016	1,017
Maine	1,031	1,030	1,033	1,030	1,030	1,030	1,029
Maryland	1,051	1,052	1,047	1,049	1,045	1,048	1,053
Massachusetts	1,030	1,031	1,030	1,030	1,031	1,032	1,035
Michigan	1,015	1,019	1,020	1,017	1,021	1,021	1,019
Minnesota	1,042	1,042	1,038	1,034	1,033	1,027	1,031
Mississippi	1,035	1,034	1,030	1,026	1,019	1,014	1,019
Missouri	1,016	1,016	1,011	1,014	1,014	1,013	1,013
Montana	1,038	1,030	1,032	1,027	1,030	1,030	1,034
Nebraska	1,051	1,047	1,043	1,043	1,037	1,034	1,034
Nevada	1,033	1,033	1,032	1,034	1,032	1,033	1,033
New Hampshire	1,033	1,038	1,032	1,031	1,031	1,033	1,037
New Jersey	1,040	1,037	1,035	1,040	1,045	1,047	1,050
New Mexico	1,041	1,033	1,030	1,028	1,027	1,029	1,030
New York	1,031	1,031	1,031	1,031	1,032	1,031	1,032
North Carolina	1,017	1,014	1,016	1,015	1,017	1,018	1,016
North Dakota	1,078	1,079	1,083	1,077	1,074	1,084	1,087
Ohio	1,053	1,048	1,047	1,050	1,041	1,042	1,044
Oklahoma	1,042	1,043	1,040	1,037	1,039	1,036	1,036
Oregon	1,029	1,044	1,041	1,034	1,010	1,012	1,013
Pennsylvania	1,046	1,044	1,044	1,046	1,048	1,050	1,052
Rhode Island	1,029	1,023	1,028	1,030	1,031	1,032	1,031
South Carolina	1,022	1,023	1,022	1,022	1,022	1,021	1,022
South Dakota	1,039	1,041	1,039	1,036	1,035	1,034	1,034
Tennessee	1,032	1,031	1,032	1,027	1,021	1,020	1,020
Texas	1,033	1,032	1,029	1,026	1,028	1,022	1,027
Utah	1,038	1,036	1,038	1,044	1,045	1,044	1,044
Vermont	1,011	1,031	1,026	1,014	1,015	1,009	1,013
Virginia	1,041	1,040	1,038	1,041	1,039	1,040	1,044
Washington	1,049	1,050	1,045	1,042	1,041	1,037	1,035
West Virginia	1,099	1,095	1,094	1,111	1,065	1,073	1,073
Wisconsin	1,029	1,032	1,033	1,032	1,035	1,033	1,031
Wyoming	1,025	1,026	1,029	1,031	1,030	1,032	1,034
Total	**1,032**	**1,030**	**1,030**	**1,029**	**1,029**	**1,028**	**1,029**

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."

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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.

Note 1. Production

Monthly Data

Estimates of gross withdrawals and marketed production for the Lower 48 states are derived from submission by well operators on the monthly Form EIA-914, "Monthly Crude Oil, Lease Condensate and Natural Gas Production Report." For 2014, monthly production volumes are available for only those states/areas that were collected individually on the EIA-914 survey (Louisiana, New Mexico, Oklahoma, Texas, Wyoming, and the Federal Offshore Gulf of Mexico) and Alaska. Starting in 2015, 10 states (Arkansas, California, Colorado, Kansas, Montana, North

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

Dakota, Ohio, Pennsylvania, Utah, and West Virginia) were added to the EIA-914 data collection and are reported individually. The remaining states/areas (Alabama, Arizona, Federal Offshore Pacific, Florida, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) are grouped in the "Other States" category. 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.) Gross withdrawals for the state of Alaska are obtained from summary reports posted by the state of Alaska, Oil and Gas Conservation Commission.

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 32 gas-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, marketed production (wet), and NGPL production (formerly known as extraction loss). Beginning in 2011, EIA has obtained similar data directly from the states. The Bureau of Safety & Environmental Enforcement also supplies data on the quantity and value of natural gas production from the Federal waters of the Gulf of Mexico.

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 2011 through 2013 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 on the Form EIA-895 and estimates from the Form EIA-176. 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

Note 1. Production

Monthly Data

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 2016

for report year 2015 totaled approximately 2,036 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 2016 was selected from a universe of 1,668 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 2014, 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, the 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, June 2016

State	Volume Relative Standard Error (Percent)				Price (Dollars per Thousand Cubic Feet)		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	3.0	3.8	1.7	1.5	0.32	0.18	0.08
Alaska	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Arizona	3.2	6.7	1.2	2.9	0.66	0.32	0.05
Arkansas	8.3	0.6	4.5	3.0	0.49	0.33	0.63
California	2.6	2.0	0.5	0.7	0.20	0.11	0.11
Colorado	3.3	2.2	1.8	1.4	0.26	0.17	0.07
Connecticut	1.2	1.6	3.1	1.2	0.02	0.28	0.01
Delaware	0.0	0.0	0.0	0.0	0.00	0.00	0.00
District of Columbia	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Florida	2.8	1.0	0.6	0.5	0.35	0.16	0.14
Georgia	0.0	0.0	2.1	0.0	0.09	0.06	0.23
Hawaii	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Idaho	0.7	1.1	0.0	0.2	0.01	0.03	0.00
Illinois	0.8	0.9	1.3	0.7	0.24	0.38	0.82
Indiana	2.2	3.0	0.9	0.8	0.45	0.42	0.93
Iowa	5.3	1.0	1.8	1.6	0.30	0.16	0.46
Kansas	3.5	0.7	1.8	1.4	0.12	0.24	0.13
Kentucky	1.1	1.8	1.1	0.9	0.28	0.25	0.11
Louisiana	2.7	2.3	0.8	0.8	0.34	0.24	0.44
Maine	0.0	0.0	NA	NA	0.00	0.00	0.00
Maryland	1.7	1.0	2.2	0.8	0.29	0.07	NA
Massachusetts	0.7	0.9	2.4	0.8	0.15	0.14	0.24
Michigan	2.0	1.9	4.3	2.3	0.30	0.24	0.07
Minnesota	0.9	1.6	1.1	0.8	0.09	0.08	0.22
Mississippi	NA	8.5	2.9	2.7	0.42	0.27	0.14
Missouri	1.6	0.8	2.4	1.3	0.06	0.05	0.11
Montana	1.3	0.5	NA	7.7	0.07	0.13	0.37
Nebraska	2.1	2.5	0.7	0.6	0.41	0.37	0.17
Nevada	0.0	0.0	0.5	0.1	0.00	0.00	0.14
New Hampshire	0.0	0.0	NA	NA	0.00	0.00	0.33
New Jersey	0.0	0.0	0.8	0.2	0.00	0.00	0.41
New Mexico	3.5	1.3	2.9	1.5	0.10	0.13	0.62
New York	0.0	0.0	1.4	0.0	0.15	0.07	0.38
North Carolina	0.8	0.6	0.4	0.3	0.30	0.07	0.13
North Dakota	3.0	1.8	7.1	6.1	0.32	0.14	0.00
Ohio	0.0	0.0	1.6	0.0	0.28	0.11	NA
Oklahoma	4.5	1.0	1.5	1.3	0.24	0.45	NA
Oregon	0.0	0.0	1.2	0.8	0.00	0.00	0.00
Pennsylvania	1.0	2.2	5.2	3.4	0.12	0.19	1.20
Rhode Island	0.0	0.0	0.0	0.0	0.00	0.00	0.00
South Carolina	3.0	3.0	1.7	1.4	0.99	0.14	0.07
South Dakota	5.2	1.9	0.3	0.4	0.20	0.01	0.04
Tennessee	1.6	1.6	1.0	0.8	0.26	0.15	0.06
Texas	1.8	0.8	0.5	0.4	0.14	0.06	0.01
Utah	0.7	0.5	0.3	0.3	0.00	0.00	0.06
Vermont	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Virginia	1.7	1.3	4.9	2.8	0.23	0.26	0.52
Washington	1.1	1.7	1.5	1.0	0.35	0.41	0.37
West Virginia	5.1	0.8	3.8	2.5	0.33	0.22	1.18
Wisconsin	2.1	1.4	1.2	0.9	0.21	0.06	0.05
Wyoming	4.3	7.4	1.8	1.7	0.24	0.33	NA
Total	**0.5**	**0.4**	**0.3**	**0.2**	**0.06**	**0.03**	**0.01**

NA Not available.

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

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Glossary

Aquifer Storage Field: A sub-surface facility for storing natural gas, consisting of water-bearing sands topped by an impermeable cap rock.

Balancing Item: Represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting or survey coverage problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents.

Base (Cushion) Gas: The volume of gas needed as a permanent inventory to maintain adequate reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume.

British Thermal Unit (Btu): The quantity of heat required to raise the temperature of 1 pound of liquid water by 1 degree Fahrenheit at the temperature at which water has its greatest density (approximately 39 degrees Fahrenheit).

Btu Per Cubic Foot: The total heating value, expressed in Btu, produced by the combustion, at constant pressure, of the amount of the gas that would occupy a volume of 1 cubic foot at a temperature of 60 degrees F if saturated with water vapor and under a pressure equivalent to that of 30 inches of mercury at 32 degrees F and under standard gravitational force (980.665 cm. per sec. squared) with air of the same temperature and pressure as the gas, when the products of combustion are cooled to the initial temperature of gas and air when the water formed by combustion is condensed to the liquid state.(Sometimes called gross heating value or total heating value.)

Citygate: A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption: Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, wholesale and retail stores and other service enterprises; and gas used by local, state and federal agencies engaged in nonmanufacturing activities.

Compressed Natural Gas (CNG): Natural gas which is comprised primarily of methane, compressed to a pressure at or above 2,400 pounds per square inch and stored in special high-pressure containers. It is used as a fuel for natural gas powered vehicles.

Depleted Storage Field: A sub-surface natural geological reservoir, usually a depleted oil or gas field, used for storing natural gas.

Dry Natural Gas Production: The process of producing consumer-grade natural gas. Natural gas withdrawn from reservoirs is reduced by volumes used at the production (lease) site and by processing losses. Volumes used at

the production site include (1) the volume returned to reservoirs in cycling, repressuring of oil reservoirs, and conservation operations; and (2) gas vented and flared. Processing losses include (1) nonhydrocarbon gases (e.g., water vapor, carbon dioxide, helium, hydrogen sulfide, and nitrogen) removed from the gas stream; and (2) gas converted to liquid form, such as lease condensate and plant liquids. Volumes of dry gas withdrawn from gas storage reservoirs are not considered part of production. Dry natural gas production equals marketed production less natural gas plant liquid production.

Electric Power Consumption: Gas used as fuel in the electric power sector.

Electric Power Sector: An energy-consuming sector that consists of electricity-only and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public – i.e., North American Industry Classification System 22 plants.

Exports: Natural gas deliveries out of the continental United States (including Alaska) to foreign countries.

Gas Well: A well completed for production of natural gas from one or more gas zones or reservoirs. Such wells contain no completions for the production of crude oil.

Gross Withdrawals: Full well stream volume, including all natural gas plant liquid and nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

Heating Value: The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

Imports: Natural gas received in the Continental United States (including Alaska) from a foreign country.

Industrial Consumption: Natural gas used for heat, power, or chemical feedstock by manufacturing establishments or those engaged in mining or other mineral extraction as well as consumers in agriculture, forestry, and fisheries. Also included in industrial consumption are generators that produce electricity and/or useful thermal output primarily to support the above-mentioned industrial activities.

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

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

Lease and Plant Fuel: Natural gas used in well, field, lease operations (such as gas used in drilling operations, heaters, dehydrators, and field compressors) and as fuel in natural gas processing plants.

Liquefied Natural Gas (LNG): Natural gas (primarily methane) that has been liquefied by reducing its temperature to -260 degrees Fahrenheit at atmospheric pressure.

Local Distribution Company (LDC): A legal entity engaged primarily in the retail sale and/or delivery of natural gas through a distribution system that includes mainlines (that is, pipelines designed to carry large volumes of gas,

usually located under roads or other major right-of-ways) and laterals (that is, pipelines of smaller diameter that connect the end user to the mainline). Since the restructuring of the gas industry, the sale of gas and/or delivery arrangements may be handled by other agents, such as producers, brokers, and marketers that are referred to as "non-LDC."

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

Native Gas: Gas in place at the time that a reservoir was converted to use as an underground storage reservoir, as in contrast to injected gas volumes.

Natural Gas: A gaseous mixture of hydrocarbon compounds, the primary one being methane. Note: The Energy Information Administration measures wet natural gas and its two sources of production, associated/dissolved natural gas and nonassociated natural gas, and dry natural gas, which is produced from wet natural gas.

Natural Gas Liquids (NGL): A group of hydrocarbons including ethane, propane, normal butane, isobutane, and natural gasoline. Generally include natural gas plant liquids and all liquefied refinery gases, except olefins.

Natural Gas Marketer: A company that arranges purchases and sales of natural gas. Unlike pipeline companies or local distribution companies, a marketer does not own physical assets commonly used in the supply of natural gas, such as pipelines or storage fields. A marketer may be an affiliate of another company, such as a local distribution company, natural gas pipeline, or producer, but it operates independently of other segments of the company. In states with residential choice programs, marketers serve as alternative suppliers to residential users of natural gas, which is delivered by a local distribution company.

Natural Gas Plant Liquids (NGPL): Those hydrocarbons in natural gas that are separated as liquids at natural gas processing, fractionating, and cycling plants. Products obtained include ethane, liquefied petroleum gases (propane and butanes), and natural gasoline. Component products may be fractionated or mixed. Lease condensate and plant condensate are excluded.

Natural Gas Plant Liquids (NGPL) Production: The extraction of gas plant liquids constituents such as ethane, propane, normal butane, isobutane, and natural gasoline, sometimes referred to as extraction loss. Usually reported in barrels or gallons, but may be reported in cubic feet for purposes of comparison with dry natural gas volumes.

Nominal Dollars: A measure used to express nominal price.

Nominal Price: The price paid for a product or service at the time of the transaction. Nominal prices are those that have not been adjusted to remove the effect of changes in the purchasing power of the dollar; they reflect buying power in the year in which the transaction occurred.

Onsystem Sales: Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and/or distribution system operated by the reporting company.

Pipeline Fuel: Gas consumed in the operation of pipelines, primarily in compressors.

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

Residential Consumption: Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

Salt Cavern Storage Field: A storage facility that is a cavern hollowed out in either a "salt bed" or "dome" formation.

Storage Additions: Volumes of gas injected or otherwise added to underground natural gas reservoirs or liquefied natural gas storage.

Storage Withdrawals: Total volume of gas withdrawn from underground storage or from liquefied natural gas storage over a specified amount of time.

Supplemental Gaseous Fuels Supplies: Synthetic natural gas, propane-air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

Underground Gas Storage Reservoir Capacity: Interstate company reservoir capacities are those certificated by FERC. Independent producer and intrastate company reservoir capacities are reported as developed capacity.

Vehicle Fuel Consumption: Natural gas (compressed or liquefied) used as vehicle fuel.

Working (Top Storage) Gas: The volume of gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.