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Preface

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

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

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

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

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Highlights

This issue of the *Natural Gas Monthly* (NGM) contains state and national-level estimates of natural gas volume and price data through April 2017.

Recent analyses of the natural gas industry are available on the [EIA website](#) by clicking the “[Natural Gas](#)” link under the “Sources & Uses” tab. The two reports listed under “Regular Weekly Releases” along the right side of the natural gas page are updated regularly. These reports are:

- [Weekly Natural Gas Storage Report](#) -- a weekly report containing estimates of natural gas in underground storage for the United States and five regions of the United States released each Thursday at 10:30 a.m. at the EIA website, except for certain weeks with Federal holidays. The report contains estimates of storage for the current and prior week and comparisons to previous periods. Links are provided to papers describing survey Form EIA-912, "Weekly Underground Natural Gas Storage Report," and the estimation methodology.
- [Natural Gas Weekly Update](#) -- a current analysis of the industry each week, including information on natural gas spot and futures prices and storage activities. This page also provides links to numerous other EIA sites dealing with natural gas.

Other natural gas data and analyses may be found through the “Natural Gas” section of EIA’s website.

Abbreviations

Common Abbreviations Used in the *Natural Gas Monthly*

Bcf	Billion cubic feet
CNG	Compressed natural gas
DOE	U.S. Department of Energy
EIA	Energy Information Administration, U.S. Department of Energy
FERC	Federal Energy Regulatory Commission
GOM	Gulf of Mexico
LNG	Liquefied natural gas
Mcf	Thousand cubic feet
MMcf	Million cubic feet
NGPL	Natural gas plant liquid
Tcf	Trillion cubic feet

Table 1. Summary of natural gas supply and disposition in the United States, 2012-2017

(billion cubic feet)

Year and Month	Gross Withdrawals	Marketed Production	NGPL Production ^a	Dry Gas Production ^b	Supplemental Gaseous Fuels ^c	Net Imports	Net Storage Withdrawals ^d	Balancing Item ^e	Consumption ^f
2012 Total	29,542	25,283	1,250	24,033	61	1,519	-9	-66	25,538
2013 Total	29,523	25,562	1,357	24,206	55	1,311	546	38	26,155
2014 Total	31,405	27,498	1,608	25,890	60	1,181	-254	-283	26,593
2015									
January	2,771	2,391	141	2,250	5	135	741	-15	3,116
February	2,516	2,193	129	2,063	4	109	757	-8	2,927
March	2,824	2,439	144	2,296	5	93	201	-2	2,592
April	2,750	2,391	141	2,251	5	75	-329	12	2,013
May	2,791	2,444	144	2,300	5	70	-508	-4	1,863
June	2,669	2,368	139	2,229	5	68	-370	-24	1,908
July	2,758	2,448	144	2,304	5	73	-291	-14	2,077
August	2,742	2,446	144	2,302	5	69	-317	2	2,061
September	2,727	2,390	141	2,249	5	46	-381	-11	1,909
October	2,801	2,441	144	2,298	5	68	-339	-38	1,994
November	2,731	2,362	139	2,223	5	63	17	-52	2,255
December	2,814	2,438	144	2,295	5	66	272	-47	2,591
Total	32,895	28,753	1,693	27,060	59	935	-546	-201	27,306
2016									
January	€2,819	€2,424	148	€2,275	5	105	729	R-18	R3,096
February	€2,668	€2,304	140	€2,164	5	89	403	R-7	2,655
March	€2,823	€2,431	157	€2,274	5	46	57	R-23	R2,358
April	€2,682	€2,340	151	€2,188	5	R63	-164	R-3	2,089
May	€2,779	€2,411	160	€2,250	5	R60	R-327	R-17	1,971
June	€2,635	€2,304	156	€2,148	2	R59	-222	R16	R2,003
July	€2,710	€2,372	160	€2,213	5	R76	-133	R29	2,190
August	€2,742	€2,394	152	€2,242	5	R48	-124	43	2,214
September	€2,640	€2,303	147	€2,155	5	37	-262	R15	1,950
October	€2,718	€2,352	160	€2,192	5	R55	-308	R-18	R1,925
November	€2,684	€2,308	155	€2,153	5	R3	35	R-29	2,168
December	€2,748	€2,354	149	€2,205	5	R30	676	R-45	R2,872
Total	€32,647	€28,295	1,836	€26,459	59	R671	R359	R-57	R27,490
2017									
January	€2,732	€2,345	151	€2,194	5	R18	675	R-11	R2,882
February	€2,508	€2,153	146	€2,007	5	R-1	285	R19	R2,315
March	€2,771	€2,375	163	€2,212	5	R9	275	R3	R2,504
April	€2,678	€2,305	157	€2,148	5	-9	-230	-6	1,907
2017 4-Month YTD	€10,690	€9,178	617	€8,562	20	18	1,005	4	9,608
2016 4-Month YTD	€10,993	€9,498	597	€8,901	21	303	1,024	-51	10,198
2015 4-Month YTD	10,861	9,414	554	8,860	19	412	1,370	-14	10,647

^a Monthly natural gas plant liquid (NGPL) production, gaseous equivalent, is derived from sample data reported by gas processing plants on Form EIA-816, "Monthly Natural Gas Liquids Report," and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production."

^b Equal to marketed production minus NGPL production.

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

^d Monthly and annual data for 2012 through 2015 include underground storage and liquefied natural gas storage. Data for January 2016 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): 57 for 2015; 27 for 2014; 54 for 2013; and 57 for 2012. See Appendix A, Explanatory Note 7, for full discussion.

^f Consists of pipeline fuel use, lease and plant fuel use, vehicle fuel, and deliveries to consuming sectors as shown in Table 2.

^R Revised data.

^E Estimated data.

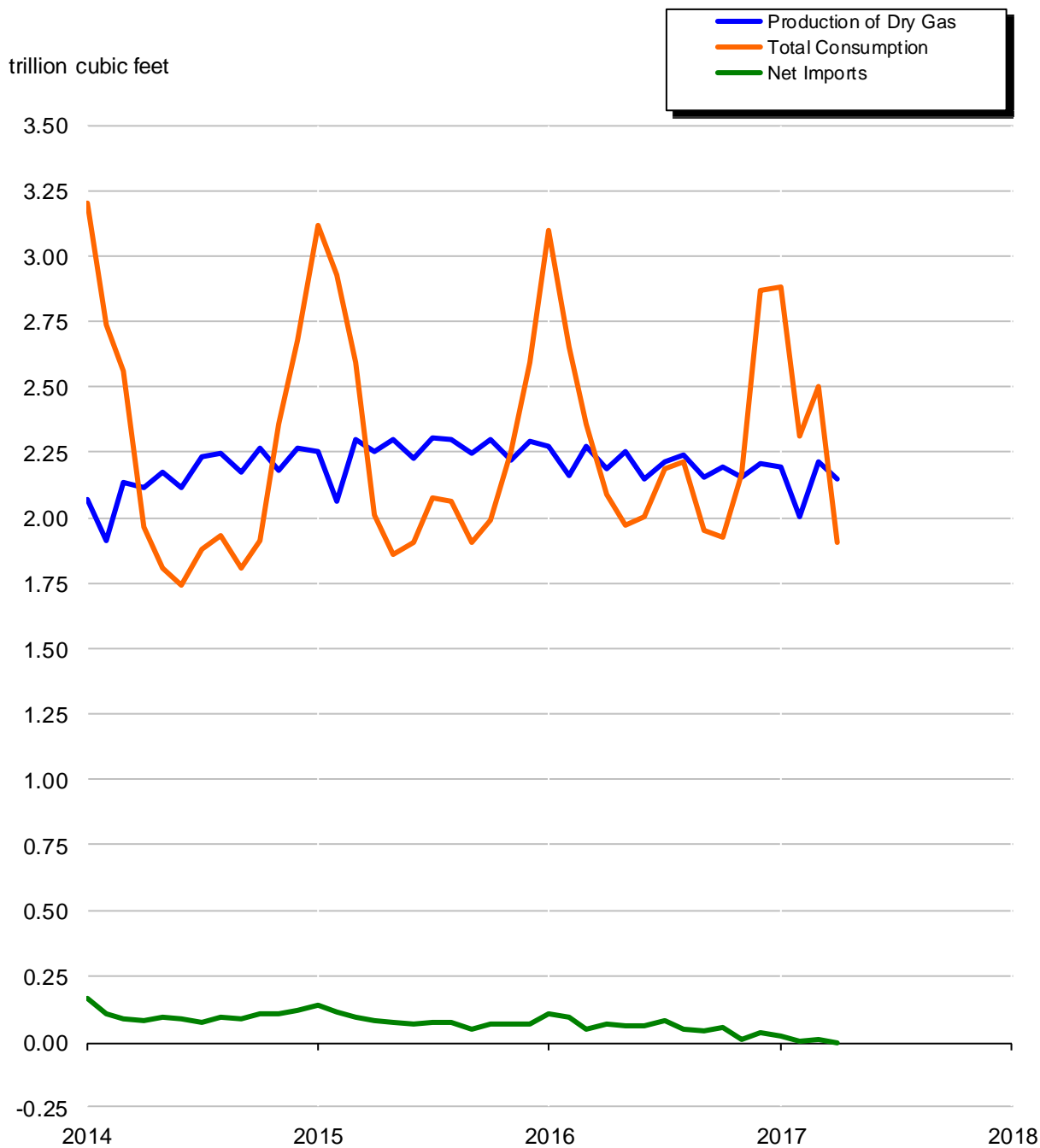
^{RE} Revised estimated data.

Notes: Data for 2012 through 2014 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 2012-2015: Energy Information Administration (EIA), *Natural Gas Annual 2015*. January 2016 through current month: Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report"; Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-191, "Monthly Underground Gas Storage Report"; EIA computations and estimates; and Office of Fossil Energy, "Natural Gas Imports and Exports." See Table 7 for detailed source notes for Marketed Production. See Appendix A, Notes 3 and 4, for discussion of computation and estimation procedures and revision policies.

Figure 1

Figure 1. Production, consumption, and net imports of natural gas in the United States, 2014-2017



Sources: 2014-2015: Energy Information Administration (EIA), *Natural Gas Annual 2015*. January 2016 through current month: Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report"; Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-191, "Monthly Underground Gas Storage Report"; EIA computations and estimates; and Office of Fossil Energy, "Natural Gas Imports and Exports."

Table 2. Natural gas consumption in the United States, 2012-2017

(billion cubic feet, or as indicated)

Year and Month	Lease and Plant Fuel ^a	Pipeline and Distribution Use ^b	Delivered to Consumers						Total Consumption	Heating Value ^c (Btu per cubic foot)
			Residential	Commercial	Industrial	Electric Power	Vehicle Fuel	Total		
2012 Total	1,396	731	4,150	2,895	7,226	9,111	30	23,411	25,538	1,024
2013 Total	1,483	833	4,897	3,295	7,425	8,191	30	23,839	26,155	1,027
2014 Total	1,512	700	5,087	3,466	7,646	8,146	35	24,381	26,593	1,032
2015										
January	132	77	937	532	720	714	3	2,906	3,116	1,036
February	121	73	902	517	661	651	3	2,733	2,927	1,036
March	135	64	633	385	663	709	3	2,394	2,592	1,036
April	132	49	319	232	609	668	3	1,832	2,013	1,037
May	135	45	177	160	604	739	3	1,684	1,863	1,037
June	131	46	124	135	576	893	3	1,732	1,908	1,037
July	135	50	108	134	593	1,054	3	1,891	2,077	1,037
August	135	50	103	135	601	1,035	3	1,876	2,061	1,036
September	132	46	108	138	580	902	3	1,731	1,909	1,037
October	135	48	201	195	614	798	3	1,811	1,994	1,037
November	130	55	406	283	639	737	3	2,069	2,255	1,038
December	135	64	591	352	675	771	3	2,393	2,591	1,038
Total	1,587	666	4,610	3,199	7,535	9,671	39	25,054	27,306	1,037
2016										
January	£134	£76	887	506	720	771	£3	£2,887	£3,096	1,038
February	£127	£65	698	416	661	686	£3	2,463	2,655	1,038
March	£134	£58	459	£299	662	743	£3	2,167	£2,358	1,037
April	£129	£51	331	234	620	721	£3	1,909	2,089	1,037
May	£133	£48	196	172	£612	806	£3	1,790	1,971	1,034
June	£127	£49	£123	139	590	971	£3	£1,827	£2,003	1,034
July	£131	£53	108	136	616	1,142	£4	2,006	2,190	1,034
August	£132	£54	£101	141	627	1,155	£4	£2,027	2,214	1,037
September	£127	£48	111	£142	603	915	£4	1,775	1,950	1,037
October	£130	£47	189	192	622	741	£4	1,749	£1,925	1,036
November	£127	£53	385	£282	£653	664	£4	£1,987	2,168	1,037
December	£130	£70	£803	£464	733	669	£4	£2,672	£2,872	1,039
Total	£1,561	£671	4,391	£3,123	£7,719	9,984	£41	£25,258	£27,490	1,037
2017										
January	£129	£70	£834	£479	727	639	£4	£2,682	£2,882	1,039
February	£119	£56	584	361	£641	550	£3	£2,140	£2,315	1,038
March	£131	£61	582	370	689	667	£4	2,312	£2,504	1,037
April	£127	£47	281	212	623	614	£4	1,734	1,907	1,036
2017 4-Month YTD	£506	£234	2,280	1,422	2,681	2,470	£14	8,867	9,608	1,038
2016 4-Month YTD	£524	£249	2,375	1,454	2,662	2,921	£13	9,426	10,198	1,038
2015 4-Month YTD	519	262	2,791	1,666	2,653	2,743	13	9,866	10,647	1,036

^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.

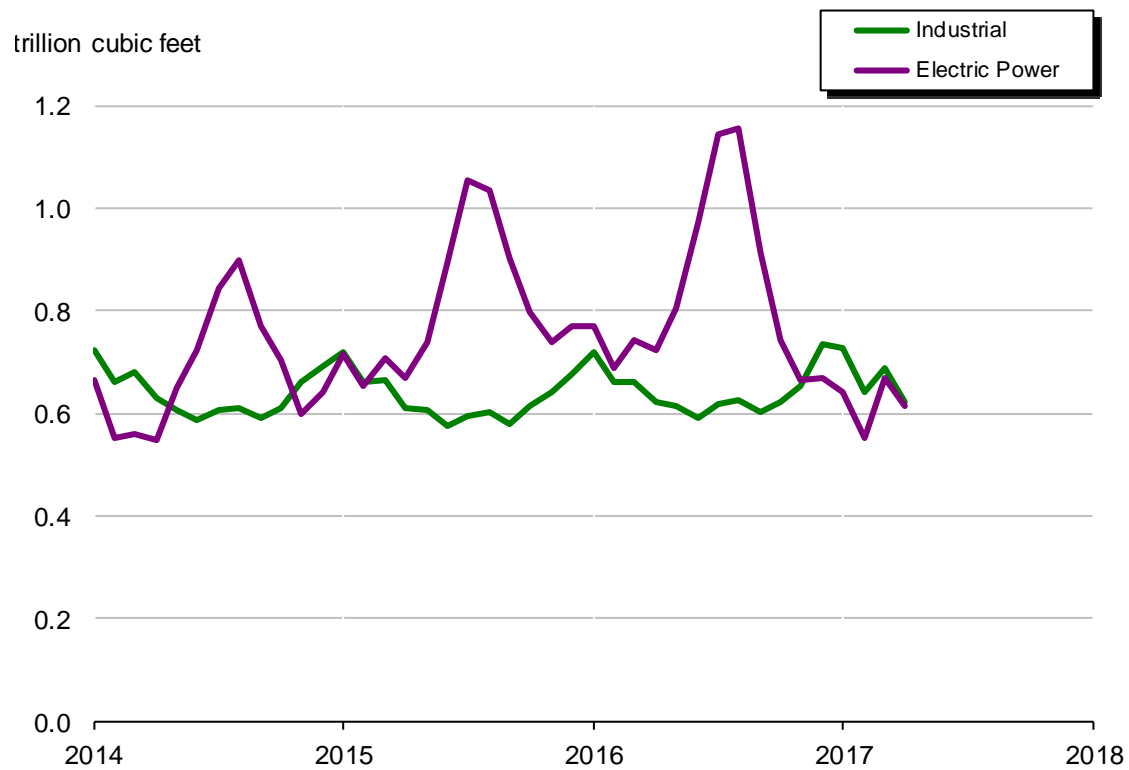
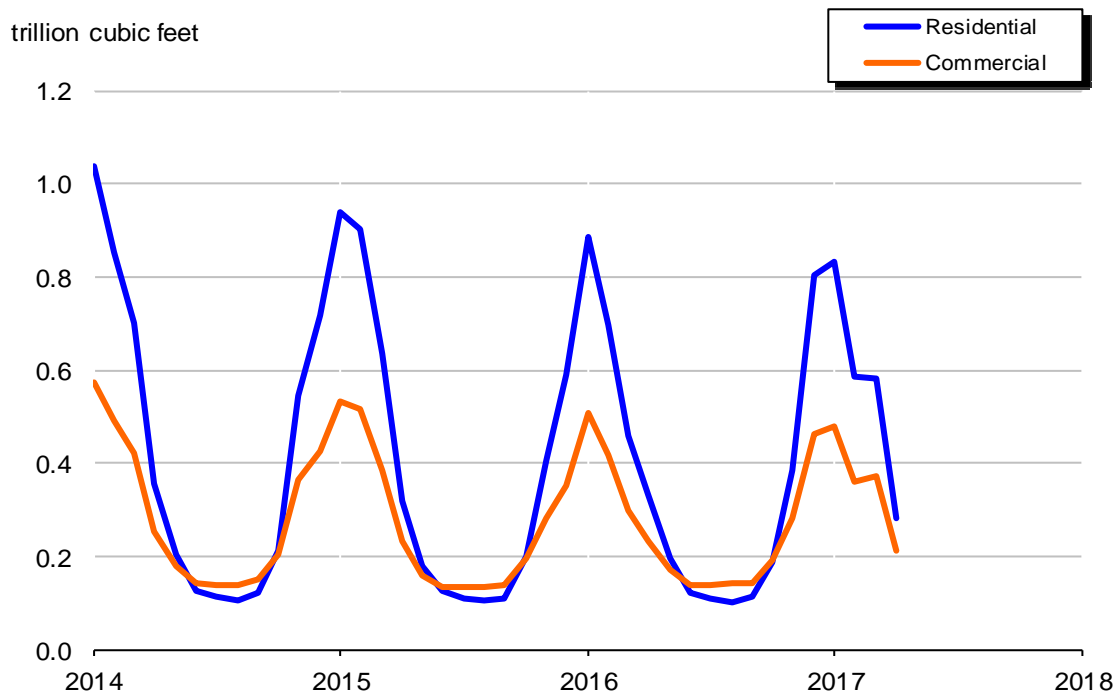
^E Estimated data.

Notes: Data for 2012 through 2014 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Note 6, for definition of sectors.

Sources: 2012-2015: Energy Information Administration (EIA): Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; state and federal agencies; EIA estimates based on historical data; and *Natural Gas Annual 2015*. January 2016 through current month: Form EIA-914, "Monthly Natural Gas Production Report"; Form EIA-857; Form EIA-923, "Power Plant Operations Report." See Appendix A, Explanatory Note 6, for computation procedures and revision policy.

Figure 2

Figure 2. Natural gas deliveries to consumers in the United States, 2014-2017



Sources: 2014-2015: 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 2015. January 2016 through current month: Form EIA-857 and Form EIA-923.

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

(dollars per thousand cubic feet, except where noted)

Year and Month	NGPL Composite Spot Price ^a	Natural Gas Spot Price ^b	Citygate Price	Delivered to Consumers						Electric Power Price ^d
				Residential		Commercial		Industrial		
				Price	% of Total ^c	Price	% of Total ^c	Price	% of Total ^c	
2012 Annual Average	10.98	2.75	4.73	10.65	95.8	8.10	65.2	3.88	16.2	3.54
2013 Annual Average	9.94	3.73	4.88	10.32	95.7	8.08	65.8	4.64	16.6	4.49
2014 Annual Average	9.56	4.37	5.71	10.97	95.5	8.90	65.8	5.62	15.9	5.19
2015										
January	5.08	2.99	4.48	9.50	95.7	8.14	70.9	4.87	15.0	4.29
February	5.70	2.87	4.57	9.08	95.6	7.81	71.0	4.71	15.4	4.99
March	5.52	2.83	4.36	9.28	95.4	7.84	69.9	4.43	15.6	3.71
April	5.58	2.61	3.93	10.44	95.4	8.02	64.8	3.94	14.9	3.23
May	5.25	2.85	4.24	12.73	95.4	8.13	61.2	3.56	15.4	3.28
June	4.78	2.78	4.44	15.07	95.5	8.52	57.9	3.74	14.9	3.24
July	4.73	2.84	4.65	16.28	95.7	8.49	56.9	3.73	14.9	3.23
August	4.42	2.77	4.59	16.89	95.4	8.45	55.6	3.77	14.6	3.22
September	4.89	2.66	4.56	16.40	95.9	8.42	55.8	3.63	14.8	3.19
October	4.95	2.34	4.00	12.60	95.5	7.78	59.5	3.52	14.9	3.03
November	4.72	2.09	3.68	10.02	96.0	7.39	63.9	3.26	15.1	2.78
December	4.23	1.93	3.75	9.27	96.1	7.22	67.6	3.45	15.2	2.71
Annual Average	4.97	2.62	4.26	10.38	95.7	7.91	65.9	3.91	15.1	3.37
2016										
January	3.69	2.28	3.40	8.32	96.0	6.74	70.5	3.62	15.3	3.17
February	3.89	1.99	R3.49	8.39	95.9	6.83	69.5	3.63	15.4	2.83
March	4.48	1.73	3.49	R9.21	95.6	R7.05	66.8	3.04	15.3	2.33
April	4.65	1.92	3.22	R9.65	95.6	R6.95	65.1	2.99	14.5	2.52
May	5.11	1.92	R3.46	R11.63	95.4	R7.29	60.4	2.90	14.6	2.49
June	5.25	2.59	R3.99	R14.49	95.7	R7.70	58.1	R2.89	14.6	2.77
July	4.92	2.82	4.45	R16.58	95.9	8.10	57.0	3.57	14.3	3.07
August	4.94	2.82	4.37	R17.65	95.8	8.25	54.9	3.58	14.7	3.07
September	5.25	2.99	R4.61	R16.82	96.1	R8.28	56.2	3.73	14.6	3.19
October	6.05	2.98	R4.19	R13.75	95.9	R7.94	60.0	3.87	14.5	3.24
November	5.45	2.55	R3.90	10.76	96.0	7.60	63.6	3.86	14.5	3.14
December	6.66	3.59	R3.96	R9.07	R96.1	R7.25	68.2	4.31	14.7	4.16
Annual Average	5.04	2.52	R3.73	R10.07	95.9	7.25	64.9	3.51	14.8	2.99
2017										
January	6.77	3.30	4.22	9.38	96.0	7.58	R70.4	R4.90	15.0	4.32
February	7.25	2.85	4.10	10.05	95.9	7.89	69.0	4.62	15.1	3.74
March	5.91	2.88	R3.84	R9.91	95.7	R7.68	67.8	4.02	15.0	3.52
April	6.25	3.10	4.18	11.38	95.2	8.04	65.0	4.19	14.5	3.49
2017 4-Month YTD	6.52	3.04	4.09	9.97	95.8	7.76	68.5	4.44	14.9	3.77
2016 4-Month YTD	4.19	1.97	3.42	8.73	95.8	6.87	68.5	3.34	15.1	2.72
2015 4-Month YTD	5.47	2.82	4.42	9.43	95.6	7.95	69.7	4.51	15.2	4.05

^a The natural gas plant liquid (NGPL) composite spot price, shown in dollars per million Btu (\$/MMBtu), is derived from daily Bloomberg spot price data for natural gas plant liquids at Mont Belvieu, Texas, weighted by gas processing plant production volumes of each product as reported on Form EIA-816, "Monthly Natural Gas Liquids Report." See Appendix A, Explanatory Note 9, for full discussion.

^b The natural gas spot price, shown in \$/MMBtu, represents the average of the daily closing spot prices for natural gas at the Henry Hub in Louisiana, taken from Thompson Reuters. See Appendix A, Explanatory Note 9, for full discussion.

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

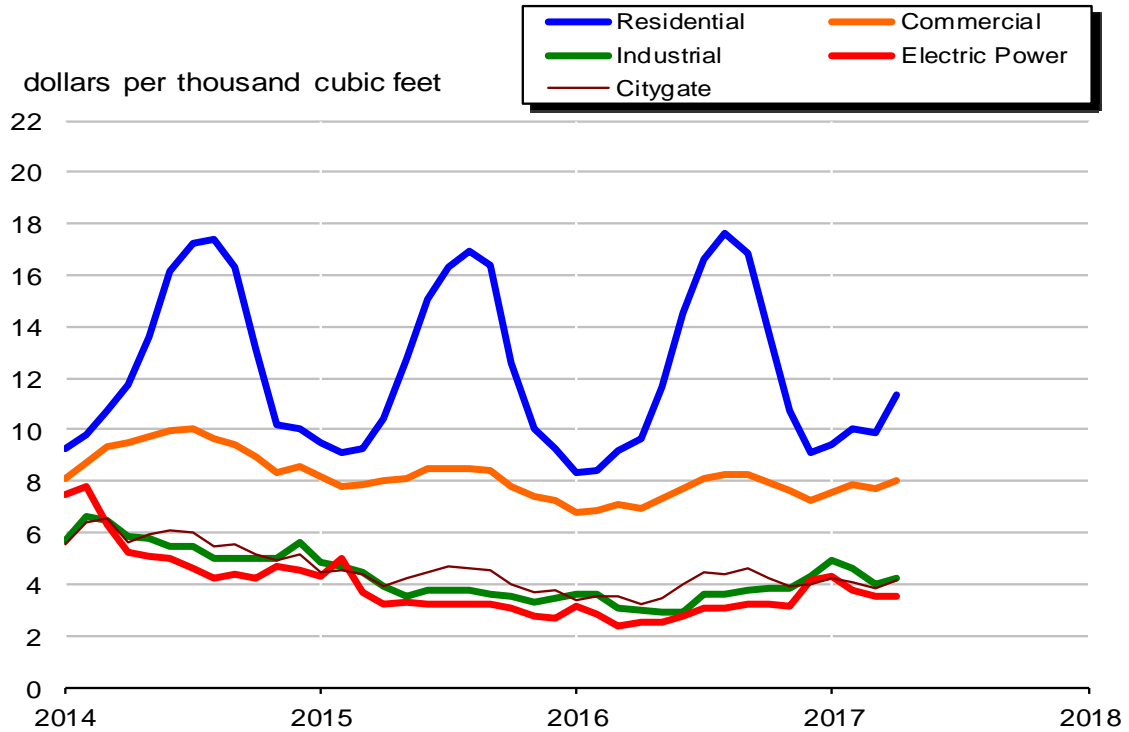
^d The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Data include nonregulated members of the electric power sector.

^R Revised data.

Notes: Prices are in nominal dollars. Data for 2012 through 2014 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 states and the District of Columbia. Published residential, commercial, and industrial prices are considered to be total prices paid by end-users per thousand cubic feet of natural gas in the respective sectors, inclusive of all tax, delivery, commodity, demand and other charges.

Sources: 2012-2015: Energy Information Administration (EIA), *Natural Gas Annual 2015*. January 2016 through current month: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-910, "Monthly Natural Gas Marketer Survey"; Form EIA-923, "Power Plant Operations Report"; Form EIA-816; Bloomberg; Thompson Reuters; and EIA estimates.

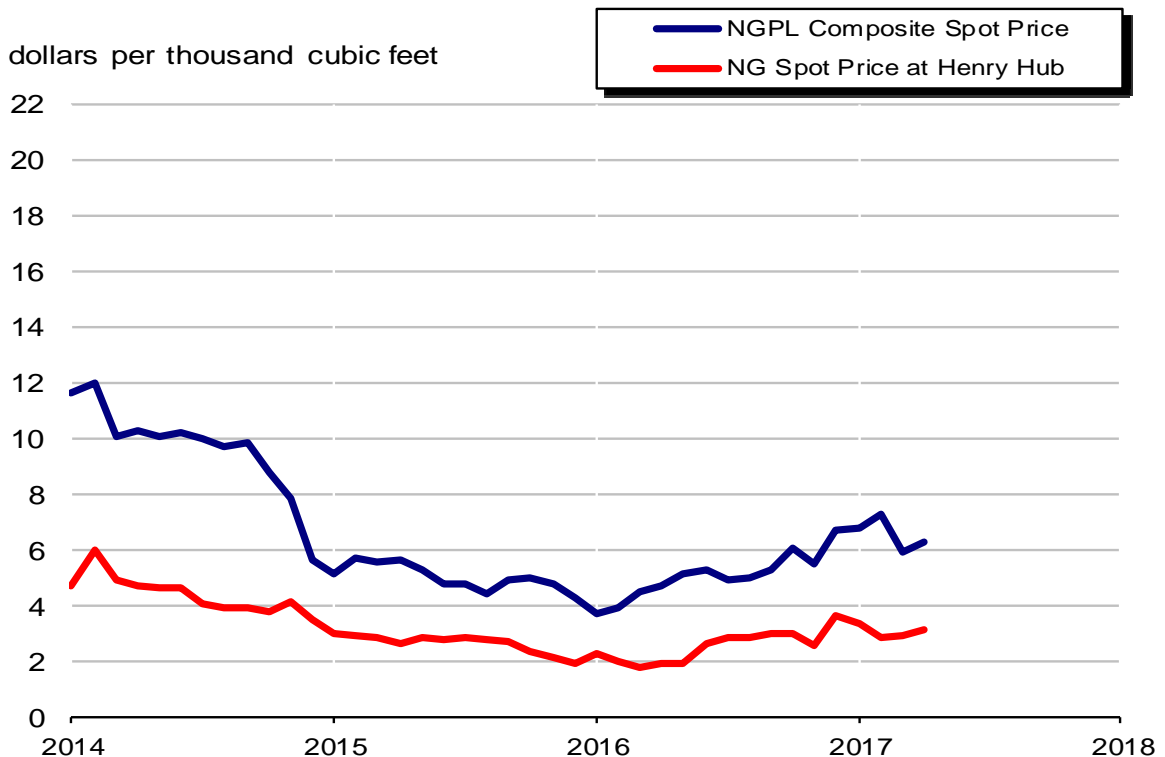
Figure 3. Average citygate and consumer prices of natural gas in the United States, 2014-2017



Note: Prices are in nominal dollars.

Sources: 2014-2015: Energy Information Administration (EIA), *Natural Gas Annual 2015*. January 2016 through current month: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-910, "Monthly Natural Gas Marketer Survey"; Form EIA-923, "Power Plant Operations Report"; Form EIA-816; Bloomberg; Thompson Reuters; and EIA estimates.

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



Note: Prices are in nominal dollars.

Sources: 2014-2015: Energy Information Administration (EIA), *Natural Gas Annual 2015*. January 2016 through current month: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-910, "Monthly Natural Gas Marketer Survey"; Form EIA-923, "Power Plant Operations Report"; Form EIA-816; Bloomberg; Thompson Reuters; and EIA estimates.

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

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

	2017 4-Month YTD	2016 4-Month YTD	2015 4-Month YTD	April	March	February	2017 January
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	1,031,680	971,957	954,224	232,998	℞275,573	℞245,928	℞277,182
Mexico	318	269	317	79	83	74	83
Total Pipeline Imports	1,031,999	972,226	954,541	233,077	℞275,656	℞246,002	℞277,264
LNG							
By Truck							
Canada	220	352	85	186	8	8	18
By Vessel							
Nigeria	2,753	0	0	0	0	0	2,753
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	28,507	34,759	33,826	4,985	4,870	8,468	10,183
Yemen	0	0	7,441	0	0	0	0
Other	0	0	0	0	0	0	0
Total LNG Imports	31,480	35,111	41,352	5,171	4,878	8,477	12,955
CNG							
Canada	125	120	128	31	34	26	35
Total CNG Imports	125	120	128	31	34	26	35
Total Imports	1,063,605	1,007,457	996,021	238,279	℞280,567	℞254,504	℞290,254
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.84	1.92	3.66	2.53	2.57	2.81	3.40
Mexico	2.78	1.13	1.94	2.64	2.27	2.94	3.29
Total Pipeline Imports	2.84	1.92	3.66	2.53	2.57	2.81	3.40
LNG							
By Truck							
Canada	8.45	8.36	9.51	8.49	7.05	7.22	9.12
By Vessel							
Nigeria	5.82	--	--	--	--	--	5.82
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	5.22	4.51	9.23	3.56	4.34	6.39	5.48
Yemen	--	--	9.10	--	--	--	--
Other	--	--	--	--	--	--	--
Total LNG Imports	5.30	4.55	9.20	3.74	4.35	6.39	5.56
CNG							
Canada	5.15	2.81	7.34	1.76	1.91	6.07	10.64
Total CNG Imports	5.15	2.81	7.34	1.76	1.91	6.07	10.64
Total Imports	3.07	2.17	4.27	2.64	2.68	3.14	℞3.74
Net Imports - Volume	17,644	303,411	412,250	-8,934	℞8,724	℞-534	℞18,386

See footnotes at end of table.

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

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

							2016
	Total	December	November	October	September	August	July
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	R2,916,856	R271,845	R221,866	R225,588	R235,512	R253,793	259,132
Mexico	917	64	83	83	82	90	92
Total Pipeline Imports	R2,917,774	R271,910	R221,949	R225,671	R235,594	R253,883	259,224
LNG							
By Truck							
Canada	924	16	41	58	72	84	70
By Vessel							
Nigeria	0	0	0	0	0	0	0
Norway	3,253	0	3,253	0	0	0	0
Trinidad/Tobago	84,190	8,838	5,779	5,696	2,810	7,998	5,703
Yemen	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total LNG Imports	88,367	8,854	9,073	5,753	2,882	8,082	5,773
CNG							
Canada	299	27	22	25	15	17	25
Total CNG Imports	299	27	22	25	15	17	25
Total Imports	R3,006,439	R280,791	R231,044	R231,449	R238,491	R261,983	265,022
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.18	3.31	2.41	2.50	2.42	2.29	2.26
Mexico	1.85	2.56	2.34	2.50	2.43	2.27	2.45
Total Pipeline Imports	2.18	3.31	2.41	2.50	2.42	2.29	2.26
LNG							
By Truck							
Canada	8.07	7.51	7.92	7.93	8.04	8.11	7.95
By Vessel							
Nigeria	--	--	--	--	--	--	--
Norway	3.12	--	3.12	--	--	--	--
Trinidad/Tobago	4.06	4.62	5.96	3.05	3.13	3.17	3.15
Yemen	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--
Total LNG Imports	4.07	4.63	4.95	3.10	3.25	3.23	3.21
CNG							
Canada	1.97	3.24	0.97	0.72	1.22	1.20	1.62
Total CNG Imports	1.97	3.24	0.97	0.72	1.22	1.20	1.62
Total Imports	R2.24	3.50	2.70	2.59	2.47	2.42	2.35
Net Imports - Volume	R670,991	R29,955	R3,125	R54,983	R36,505	R47,757	R76,339

See footnotes at end of table.

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

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

						2016	2015
	June	May	April	March	February	January	Total
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	234,145	243,017	236,451	232,095	241,948	261,462	2,625,359
Mexico	83	72	71	69	70	59	933
Total Pipeline Imports	234,229	243,088	236,522	232,164	242,019	261,521	2,626,291
LNG							
By Truck							
Canada	118	113	74	65	116	97	437
By Vessel							
Nigeria	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	12,194
Trinidad/Tobago	7,520	5,087	4,693	8,503	9,612	11,951	71,439
Yemen	0	0	0	0	0	0	7,441
Other	0	0	0	0	0	0	0
Total LNG Imports	7,638	5,200	4,767	8,568	9,728	12,048	91,511
CNG							
Canada	19	29	28	33	29	30	291
Total CNG Imports	19	29	28	33	29	30	291
Total Imports	241,885	248,317	241,317	240,764	251,775	273,600	2,718,094
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	1.76	1.44	1.51	1.55	2.12	2.42	2.84
Mexico	1.41	1.10	1.03	0.82	1.22	1.50	1.71
Total Pipeline Imports	1.76	1.44	1.51	1.55	2.12	2.42	2.84
LNG							
By Truck							
Canada	7.80	7.72	7.88	8.74	8.58	8.21	8.69
By Vessel							
Nigeria	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	8.56
Trinidad/Tobago	3.11	3.36	3.23	3.25	5.08	5.45	6.98
Yemen	--	--	--	--	--	--	9.10
Other	--	--	--	--	--	--	--
Total LNG Imports	3.18	3.45	3.30	3.29	5.12	5.48	7.37
CNG							
Canada	0.63	1.10	1.05	1.54	3.27	5.41	4.18
Total CNG Imports	0.63	1.10	1.05	1.54	3.27	5.41	4.18
Total Imports	1.90	1.55	1.61	1.73	2.43	2.80	2.99
Net Imports - Volume	R58,872	R60,043	R63,464	45,849	89,019	105,079	934,581

See footnotes at end of table.

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

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

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

See footnotes at end of table.

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

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

	2015				
	May	April	March	February	January
Imports					
Volume (million cubic feet)					
Pipeline					
Canada ^a	202,545	202,133	242,508	241,917	267,666
Mexico	78	76	77	79	85
Total Pipeline Imports	202,623	202,209	242,585	241,996	267,751
LNG					
By Truck					
Canada	34	39	46	0	0
By Vessel					
Nigeria	0	0	0	0	0
Norway	0	0	0	0	0
Trinidad/Tobago	1,673	2,844	11,770	9,830	9,382
Yemen	0	0	2,834	2,373	2,234
Other	0	0	0	0	0
Total LNG Imports	1,707	2,883	14,651	12,202	11,616
CNG					
Canada	19	28	38	32	30
Total CNG Imports	19	28	38	32	30
Total Imports	204,348	205,120	257,274	254,230	279,397
Average Price (dollars per thousand cubic feet)					
Pipeline					
Canada	2.44	2.39	3.16	4.82	4.01
Mexico	1.58	1.64	1.93	1.93	2.24
Total Pipeline Imports	2.44	2.39	3.16	4.82	4.01
LNG					
By Truck					
Canada	8.95	9.50	9.51	--	--
By Vessel					
Nigeria	--	--	--	--	--
Norway	--	--	--	--	--
Trinidad/Tobago	5.98	8.29	8.26	9.06	10.90
Yemen	--	--	7.42	9.41	10.88
Other	--	--	--	--	--
Total LNG Imports	6.04	8.31	8.10	9.13	10.90
CNG					
Canada	0.88	2.02	8.55	9.12	8.91
Total CNG Imports	0.88	2.02	8.55	9.12	8.91
Total Imports	2.52	2.59	3.90	5.46	4.75
Net Imports - Volume	70,074	74,792	93,307	109,275	134,875

^a EIA has reduced the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on the same physical basis as other reported volumes of pipeline imports.

^b For the "Other" area the point of origin for volumes of imported LNG was unassigned in the reports to the Office of Fossil Energy.

^c 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. LNG prices are a volume-weighted average of the prices reported by cargo. See the "LNG Monthly" (<https://energy.gov/fe/listings/lng-reports>) from the Office of Fossil Energy, U.S. Department of Energy, for more information on what is included in the individual LNG prices.

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

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

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

	2017	2016	2015	2017			
	4-Month YTD	4-Month YTD	4-Month YTD	April	March	February	January
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	366,721	276,155	293,346	80,532	99,489	87,890	98,811
Mexico	481,548	404,346	284,714	115,988	¥128,774	¥115,089	¥121,696
Total Pipeline Exports	848,269	680,501	578,060	196,520	¥228,263	¥202,979	¥220,508
LNG							
Exports							
By Vessel							
Argentina	10,135	6,310	0	10,135	0	0	0
Barbados	72	7	0	15	20	15	22
Brazil	0	5,263	0	0	0	0	0
Chile	11,796	0	0	5,894	2,951	2,950	0
China	13,729	0	0	0	0	10,338	3,391
Dominican Republic	2,934	0	0	0	2,934	0	0
Egypt	0	0	0	0	0	0	0
India	7,022	2,844	0	0	0	3,399	3,623
Italy	0	0	0	0	0	0	0
Japan	21,636	0	0	7,398	0	3,705	10,533
Jordan	14,968	0	0	0	6,655	2,945	5,368
Kuwait	13,522	0	0	6,784	3,360	3,378	0
Malta	867	0	0	0	0	0	867
Mexico	52,875	0	0	13,730	10,728	14,407	14,010
Pakistan	3,166	0	0	0	3,166	0	0
Portugal	5,134	3,700	0	0	0	1,692	3,442
South Korea	10,337	0	0	3,295	7,042	0	0
Spain	11,768	0	0	0	0	1,766	10,002
Taiwan	0	0	0	0	0	0	0
Thailand	3,113	0	0	0	3,113	0	0
Turkey	10,923	0	0	0	3,521	7,402	0
United Arab Emirates	3,347	3,391	0	3,347	0	0	0
By Truck							
Canada	3	2	22	0	3	0	0
Mexico	260	96	71	70	61	44	85
Re-Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Brazil	0	1,290	5,533	0	0	0	0
Egypt	0	0	0	0	0	0	0
India	0	547	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
Total LNG Exports	197,605	23,450	5,627	50,669	43,553	52,042	51,342
CNG							
Canada	87	95	85	24	27	18	19
Total CNG Exports	87	95	85	24	27	18	19
Total Exports	1,045,961	704,046	583,772	247,212	¥271,843	¥255,038	¥271,868

See footnotes at end of table.

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

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

	2016						
	Total	December	November	October	September	August	July
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	771,094	97,178	74,544	43,471	61,499	55,012	49,750
Mexico	R1,377,305	R111,815	R120,378	R129,984	R123,722	R132,446	R123,173
Total Pipeline Exports	R2,148,399	R208,993	R194,922	R173,455	R185,222	R187,458	R172,923
LNG							
Exports							
By Vessel							
Argentina	16,661	0	0	0	0	2,190	0
Barbados	100	22	18	15	14	11	8
Brazil	9,196	0	0	0	0	3,933	0
Chile	29,405	0	2,940	0	0	9,518	6,074
China	17,221	6,747	7,341	0	0	0	3,132
Dominican Republic	2,945	0	0	0	0	2,945	0
Egypt	3,606	3,606	0	0	0	0	0
India	16,915	0	3,115	0	3,639	3,701	0
Italy	3,328	0	3,328	0	0	0	0
Japan	11,137	11,137	0	0	0	0	0
Jordan	9,870	0	0	2,942	3,362	0	3,566
Kuwait	7,068	0	0	0	3,458	0	0
Malta	0	0	0	0	0	0	0
Mexico	27,470	7,169	13,300	0	3,315	3,686	0
Pakistan	0	0	0	0	0	0	0
Portugal	3,700	0	0	0	0	0	0
South Korea	10,166	10,166	0	0	0	0	0
Spain	2,930	0	0	0	0	0	2,930
Taiwan	0	0	0	0	0	0	0
Thailand	0	0	0	0	0	0	0
Turkey	8,762	2,936	2,886	0	2,941	0	0
United Arab Emirates	3,391	0	0	0	0	0	0
By Truck							
Canada	2	0	0	1	0	0	0
Mexico	375	42	48	42	35	30	28
Re-Exports							
By Vessel							
Argentina	612	0	0	0	0	612	0
Brazil	1,433	0	0	0	0	142	0
Egypt	0	0	0	0	0	0	0
India	547	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
Total LNG Exports	186,841	41,825	32,976	3,000	16,764	26,768	15,739
CNG							
Canada	208	18	22	11	0	0	20
Total CNG Exports	208	18	22	11	0	0	20
Total Exports	R2,335,448	R250,836	R227,919	R176,466	R201,986	R214,226	R188,682

See footnotes at end of table.

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

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

						2016	2015
	June	May	April	March	February	January	Total
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	50,715	62,768	62,931	81,403	62,192	69,629	700,647
Mexico	R115,836	R115,606	R104,857	103,413	97,234	98,841	1,054,271
Total Pipeline Exports	R166,551	R178,375	R167,789	184,816	159,426	168,470	1,754,918
LNG							
Exports							
By Vessel							
Argentina	8,161	0	6,310	0	0	0	0
Barbados	2	1	3	2	2	0	0
Brazil	0	0	0	3,270	1,993	0	0
Chile	4,643	6,230	0	0	0	0	0
China	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
India	3,617	0	0	2,844	0	0	0
Italy	0	0	0	0	0	0	0
Japan	0	0	0	0	0	0	8,262
Jordan	0	0	0	0	0	0	0
Kuwait	0	3,610	0	0	0	0	0
Malta	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0	0
Portugal	0	0	3,700	0	0	0	0
South Korea	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Taiwan	0	0	0	0	0	0	8,257
Thailand	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	3,391	0	0	0
By Truck							
Canada	0	0	0	0	0	2	41
Mexico	22	33	23	24	24	25	195
Re-Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Brazil	0	0	0	0	1,290	0	5,533
Egypt	0	0	0	0	0	0	2,947
India	0	0	0	547	0	0	0
Turkey	0	0	0	0	0	0	3,145
Total LNG Exports	16,445	9,874	10,036	10,078	3,309	26	28,381
CNG							
Canada	18	25	28	21	22	25	214
Total CNG Exports	18	25	28	21	22	25	214
Total Exports	R183,013	R188,274	R177,853	194,915	162,757	168,521	1,783,512

See footnotes at end of table.

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

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

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

See footnotes at end of table.

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

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

	2015				
	May	April	March	February	January
Exports					
Volume (million cubic feet)					
Pipeline					
Canada	44,672	53,086	89,639	77,594	73,028
Mexico	86,805	77,196	74,286	64,596	68,635
Total Pipeline Exports	131,477	130,283	163,925	142,190	141,663
LNG					
Exports					
By Vessel					
Argentina	0	0	0	0	0
Barbados	0	0	0	0	0
Brazil	0	0	0	0	0
Chile	0	0	0	0	0
China	0	0	0	0	0
Dominican Republic	0	0	0	0	0
Egypt	0	0	0	0	0
India	0	0	0	0	0
Italy	0	0	0	0	0
Japan	0	0	0	0	0
Jordan	0	0	0	0	0
Kuwait	0	0	0	0	0
Malta	0	0	0	0	0
Mexico	0	0	0	0	0
Pakistan	0	0	0	0	0
Portugal	0	0	0	0	0
South Korea	0	0	0	0	0
Spain	0	0	0	0	0
Taiwan	2,748	0	0	0	0
Thailand	0	0	0	0	0
Turkey	0	0	0	0	0
United Arab Emirates	0	0	0	0	0
By Truck					
Canada	6	6	6	4	6
Mexico	15	18	17	16	21
Re-Exports					
By Vessel					
Argentina	0	0	0	0	0
Brazil	0	0	0	2,728	2,805
Egypt	0	0	0	0	0
India	0	0	0	0	0
Turkey	0	0	0	0	0
Total LNG Exports	2,769	24	23	2,748	2,832
CNG					
Canada	28	21	20	17	27
Total CNG Exports	28	21	20	17	27
Total Exports	134,274	130,328	163,967	144,955	144,522

See footnotes at end of table.

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

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

	2017 4-Month YTD	2016 4-Month YTD	2015 4-Month YTD	April	March	February	2017 January
Exports							
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	3.32	2.26	3.73	3.19	3.01	3.21	3.85
Mexico	3.27	2.13	3.06	3.27	2.93	R3.24	R3.66
Total Pipeline Exports	3.30	2.18	3.40	3.24	2.97	R3.23	R3.74
LNG							
Exports							
By Vessel							
Argentina	4.82	4.16	--	4.82	--	--	--
Barbados	10.40	11.56	--	10.40	10.40	10.40	10.40
Brazil	--	3.72	--	--	--	--	--
Chile	6.69	--	--	6.65	6.26	7.18	--
China	4.86	--	--	--	--	4.92	4.70
Dominican Republic	5.59	--	--	--	5.59	--	--
Egypt	--	--	--	--	--	--	--
India	4.39	3.99	--	--	--	4.06	4.70
Italy	--	--	--	--	--	--	--
Japan	6.83	--	--	6.92	--	7.18	6.65
Jordan	5.06	--	--	--	4.42	4.06	6.41
Kuwait	4.26	--	--	4.19	3.14	5.50	--
Malta	4.70	--	--	--	--	--	4.70
Mexico	5.82	--	--	4.31	5.25	6.40	7.15
Pakistan	3.14	--	--	--	3.14	--	--
Portugal	7.25	3.58	--	--	--	7.18	7.29
South Korea	4.64	--	--	6.39	3.81	--	--
Spain	6.41	--	--	--	--	7.18	6.28
Taiwan	--	--	--	--	--	--	--
Thailand	3.14	--	--	--	3.14	--	--
Turkey	6.17	--	--	--	4.60	6.91	--
United Arab Emirates	3.80	4.18	--	3.80	--	--	--
By Truck							
Canada	8.39	7.41	12.64	--	8.39	--	--
Mexico	9.28	9.78	10.64	8.95	8.64	9.97	9.66
Re-Exports							
By Vessel							
Argentina	--	--	--	--	--	--	--
Brazil	--	3.54	15.20	--	--	--	--
Egypt	--	--	--	--	--	--	--
India	--	3.99	--	--	--	--	--
Turkey	--	--	--	--	--	--	--
Total LNG Exports	5.56	3.94	15.13	5.16	4.47	5.99	6.44
CNG							
Canada	6.29	3.29	9.08	3.35	3.32	7.73	12.97
Total CNG Exports	6.29	3.29	9.08	3.35	3.32	7.73	12.97
Total Exports	3.72	2.24	3.51	3.63	3.21	R3.79	R4.25

See footnotes at end of table.

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

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

		2016					
	Total	December	November	October	September	August	July
Exports							
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.60	3.82	2.71	2.72	2.83	2.65	2.73
Mexico	2.64	3.51	2.75	3.16	3.06	2.92	2.80
Total Pipeline Exports	2.63	3.65	2.74	3.05	2.99	2.84	2.78
LNG							
Exports							
By Vessel							
Argentina	4.47	--	--	--	--	4.51	--
Barbados	10.12	10.00	10.00	10.00	10.00	10.00	10.00
Brazil	4.39	--	--	--	--	5.29	--
Chile	5.30	--	5.64	--	--	5.53	5.82
China	4.16	4.50	3.21	--	--	--	5.66
Dominican Republic	5.41	--	--	--	--	5.41	--
Egypt	6.46	6.46	--	--	--	--	--
India	4.92	--	5.74	--	5.00	5.01	--
Italy	6.32	--	6.32	--	--	--	--
Japan	3.76	3.76	--	--	--	--	--
Jordan	5.11	--	--	3.52	5.74	--	5.81
Kuwait	4.40	--	--	--	5.58	--	--
Malta	--	--	--	--	--	--	--
Mexico	4.56	4.14	4.64	--	5.53	4.23	--
Pakistan	--	--	--	--	--	--	--
Portugal	3.58	--	--	--	--	--	--
South Korea	5.75	5.75	--	--	--	--	--
Spain	4.92	--	--	--	--	--	4.92
Taiwan	--	--	--	--	--	--	--
Thailand	--	--	--	--	--	--	--
Turkey	3.53	3.87	3.30	--	3.41	--	--
United Arab Emirates	4.18	--	--	--	--	--	--
By Truck							
Canada	7.50	--	--	7.70	--	--	--
Mexico	9.81	10.20	9.72	10.06	9.78	9.72	9.76
Re-Exports							
By Vessel							
Argentina	4.51	--	--	--	--	4.51	--
Brazil	3.64	--	--	--	--	4.57	--
Egypt	--	--	--	--	--	--	--
India	3.99	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--
Total LNG Exports	4.71	4.68	4.58	3.65	5.11	5.13	5.63
CNG							
Canada	3.30	4.72	2.55	2.53	--	--	3.88
Total CNG Exports	3.30	4.72	2.55	2.53	--	--	3.88
Total Exports	2.79	3.82	3.00	3.06	3.16	3.13	3.02

See footnotes at end of table.

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

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

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

See footnotes at end of table.

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

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

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

See footnotes at end of table.

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

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

	2015				
	May	April	March	February	January
Exports					
Average Price (dollars per thousand cubic feet)					
Pipeline					
Canada	2.85	2.91	3.71	4.39	3.63
Mexico	2.86	2.77	3.03	3.10	3.38
Total Pipeline Exports	2.85	2.83	3.40	3.81	3.51
LNG					
Exports					
By Vessel					
Argentina	--	--	--	--	--
Barbados	--	--	--	--	--
Brazil	--	--	--	--	--
Chile	--	--	--	--	--
China	--	--	--	--	--
Dominican Republic	--	--	--	--	--
Egypt	--	--	--	--	--
India	--	--	--	--	--
Italy	--	--	--	--	--
Japan	--	--	--	--	--
Jordan	--	--	--	--	--
Kuwait	--	--	--	--	--
Malta	--	--	--	--	--
Mexico	--	--	--	--	--
Pakistan	--	--	--	--	--
Portugal	--	--	--	--	--
South Korea	--	--	--	--	--
Spain	--	--	--	--	--
Taiwan	7.50	--	--	--	--
Thailand	--	--	--	--	--
Turkey	--	--	--	--	--
United Arab Emirates	--	--	--	--	--
By Truck					
Canada	12.14	11.88	12.77	12.77	13.27
Mexico	9.96	10.03	10.52	10.62	11.27
Re-Exports					
By Vessel					
Argentina	--	--	--	--	--
Brazil	--	--	--	12.89	17.44
Egypt	--	--	--	--	--
India	--	--	--	--	--
Turkey	--	--	--	--	--
Total LNG Exports	7.53	10.53	11.10	12.87	17.39
CNG					
Canada	2.37	3.35	10.08	10.53	11.89
Total CNG Exports	2.37	3.35	10.08	10.53	11.89
Total Exports	2.95	2.83	3.41	3.98	3.78

^R Revised data.

-- Not applicable.

Notes: In the case of missing import or export reports on Form FE-746R, "Import and Export of Natural Gas," EIA estimates the missing volumes using pipeline flows or other available information. LNG re-exports are shipments of LNG to foreign countries that were previously imported, offloaded into above-ground LNG storage tanks, and then subsequently reloaded onto tankers for delivery to other countries. Prices are in nominal dollars. LNG prices are a volume-weighted average of the prices reported by cargo. See the "LNG Monthly" (<https://energy.gov/fe/listings/lng-reports>) from the Office of Fossil Energy, U.S. Department of Energy, for more information on what is included in the individual LNG prices.

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

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

(million cubic feet)

Year and Month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
2012 Total	3,164,791	1,146,168	246,822	1,709,376	296,299	2,955,437	66,954	1,276,296	258,568	84,482
2013 Total	3,215,358	1,139,654	252,310	1,604,860	292,467	2,366,943	63,242	1,247,394	345,787	166,017
2014 Total	3,168,545	1,122,733	238,988	1,643,487	286,480	1,968,618	59,160	1,266,379	463,216	512,371
2015										
January	291,928	90,124	19,579	143,307	27,171	151,130	5,016	103,388	45,747	64,049
February	254,488	78,243	17,865	131,720	24,406	140,835	4,575	97,970	41,409	60,157
March	299,987	88,842	19,670	145,431	26,626	153,695	4,876	110,022	47,317	69,570
April	284,701	87,259	20,597	140,951	23,209	151,485	4,909	107,842	46,081	70,792
May	261,374	89,383	21,197	144,431	23,790	156,771	4,994	111,792	50,543	77,865
June	223,007	84,146	19,568	140,779	22,937	145,362	4,784	107,456	49,641	84,693
July	221,334	85,283	19,225	142,461	23,438	150,784	4,941	109,397	51,446	88,406
August	204,070	83,697	19,466	146,089	23,484	149,518	4,756	112,943	50,999	87,904
September	261,160	81,249	18,394	138,917	22,506	145,577	4,573	110,650	48,085	89,371
October	279,437	82,955	18,456	146,669	23,053	149,599	4,827	113,014	51,373	104,127
November	289,760	78,958	17,929	140,798	21,720	145,573	4,562	108,823	50,294	104,731
December	304,055	80,135	19,114	143,282	22,896	144,468	4,608	103,162	51,807	113,185
Total	3,175,301	1,010,274	231,060	1,704,836	285,236	1,784,797	57,421	1,296,458	584,743	1,014,848
2016										
January	298,809	€77,842	€18,737	€143,629	€22,543	€158,907	€4,521	€100,031	€50,146	€112,423
February	273,296	€71,967	€17,100	€134,325	€20,866	€153,090	€4,233	€99,889	€47,912	€116,401
March	295,244	€74,543	€18,166	€143,636	€22,110	€152,390	€4,426	€109,105	€51,852	€120,760
April	246,120	€70,831	€17,618	€139,949	€21,173	€154,885	€4,275	€106,844	€47,507	€118,944
May	269,204	€71,791	€18,074	€144,657	€21,621	€160,319	€4,461	€109,650	€51,206	€121,778
June	233,820	€67,340	€17,229	€136,813	€20,531	€150,242	€4,285	€105,916	€50,039	€115,207
July	239,444	€68,255	€17,568	€142,734	€21,010	€162,636	€4,312	€110,960	€52,714	€117,841
August	250,325	€67,204	€17,814	€146,011	€20,642	€159,759	€4,158	€111,397	€51,172	€132,639
September	249,270	€64,224	€17,174	€140,186	€19,871	€152,314	€4,094	€107,605	€48,297	€131,410
October	271,932	€65,950	€17,602	€145,883	€20,240	€154,845	€4,197	€109,664	€53,381	€126,902
November	293,970	€63,331	€16,966	€141,394	€19,654	€153,348	€4,166	€108,125	€53,006	€122,054
December	308,512	€63,639	€17,402	€144,060	€19,263	€156,866	€4,089	€107,806	€47,889	€130,496
Total	3,229,946	€826,917	€211,451	€1,703,277	€249,524	€1,869,601	€51,219	€1,286,992	€605,122	€1,466,854
2017										
January	301,506	€65,622	€17,262	€143,020	€19,255	€152,924	€4,050	€105,047	€48,508	€132,523
February	275,044	RE59,704	RE15,322	RE130,148	RE17,565	RE144,401	RE3,718	RE97,492	RE47,993	RE122,279
March	308,109	RE61,890	RE16,720	RE142,818	RE19,261	RE165,879	RE4,047	RE108,821	RE54,203	RE131,231
April	286,950	€59,897	€16,385	€136,762	€18,245	€156,638	€3,950	€107,497	€55,307	€131,073
2017 4-Month YTD	1,171,609	€247,113	€65,689	€552,747	€74,326	€619,842	€15,765	€418,857	€206,011	€517,106
2016 4-Month YTD	1,113,469	€295,183	€71,622	€561,540	€86,692	€619,272	€17,456	€415,868	€197,418	€468,528
2015 4-Month YTD	1,131,105	344,468	77,711	561,409	101,411	597,145	19,375	419,222	180,554	264,567

See footnotes at end of table.

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

(million cubic feet) – continued

Year and Month	Oklahoma	Pennsylvania	Texas	Utah	West Virginia	Wyoming	Other States	Federal Gulf of Mexico	U.S. Total
2012 Total	2,023,461	2,256,696	8,143,510	490,393	539,860	2,225,622	1,129,702	1,527,875	29,542,313
2013 Total	1,993,754	3,259,042	8,299,472	470,863	741,853	2,047,757	689,082	1,326,697	29,522,551
2014 Total	2,331,086	4,257,693	8,659,188	454,545	1,067,114	1,998,505	631,536	1,275,738	31,405,381
2015									
January	206,817	408,019	740,385	37,590	110,332	166,745	52,270	107,666	2,771,263
February	186,741	370,836	679,948	34,974	98,200	150,995	47,048	95,362	2,515,773
March	216,067	413,155	756,890	39,723	113,381	170,414	51,081	96,912	2,823,658
April	209,983	392,752	736,605	38,096	110,279	167,169	49,261	108,323	2,750,295
May	214,639	391,332	754,023	38,525	120,138	167,208	50,778	112,453	2,791,236
June	211,079	376,856	727,689	36,673	113,604	164,051	50,068	106,469	2,668,863
July	217,883	401,777	753,526	36,655	115,055	167,282	51,037	118,119	2,758,050
August	213,529	409,771	748,215	33,179	114,871	167,987	50,905	120,585	2,741,970
September	204,298	398,110	731,049	31,097	111,932	163,129	49,140	117,454	2,726,691
October	209,342	407,234	739,603	31,636	108,711	168,572	50,648	112,099	2,801,357
November	201,517	409,344	713,058	30,898	96,829	163,860	48,532	104,003	2,731,190
December	207,703	433,795	720,290	34,255	105,489	166,317	49,888	109,935	2,814,383
Total	2,499,599	4,812,983	8,801,282	423,300	1,318,822	1,983,731	600,656	1,309,380	32,894,727
2016									
January	€214,000	€447,447	€707,527	€34,199	€114,272	€155,930	€49,350	€108,752	€2,819,066
February	€201,258	€430,800	€664,972	€31,283	€108,093	€145,478	€46,199	€101,117	€2,668,278
March	€214,561	€452,601	€702,555	€33,192	€112,282	€156,116	€48,544	€111,315	€2,823,398
April	€203,524	€429,503	€680,919	€31,720	€110,827	€148,710	€46,788	€101,883	€2,682,021
May	€211,836	€441,974	€698,238	€31,762	€114,948	€148,721	€48,257	€110,027	€2,778,526
June	€202,081	€434,819	€675,064	€29,847	€104,295	€145,310	€45,823	€96,330	€2,634,991
July	€210,617	€443,676	€684,636	€30,500	€119,222	€136,600	€47,182	€99,929	€2,709,835
August	€211,218	€443,604	€684,429	€30,359	€119,208	€139,752	€46,706	€105,654	€2,742,050
September	€202,202	€419,040	€652,653	€29,003	€114,934	€145,418	€45,306	€96,905	€2,639,906
October	€206,225	€421,765	€668,817	€29,312	€118,134	€152,671	€46,582	€103,487	€2,717,589
November	€195,366	€437,277	€638,439	€27,790	€116,078	€145,935	€44,879	€101,770	€2,683,548
December	€195,424	€461,466	€640,971	€28,283	€122,817	€146,200	€45,661	€107,334	€2,748,177
Total	€2,468,312	€5,263,973	€8,099,218	€367,251	€1,375,108	€1,766,840	€561,276	€1,244,503	€32,647,385
2017									
January	€193,927	€461,677	€642,478	€27,708	€123,989	€141,236	€45,362	€105,934	€2,732,028
February	RE179,163	RE419,527	RE593,768	RE25,035	RE112,378	RE130,019	RE40,643	RE93,871	RE2,508,070
March	RE200,215	RE459,618	RE648,992	RE27,706	RE126,469	RE144,784	RE44,612	RE105,865	RE2,771,238
April	€197,390	€446,606	€632,984	€26,559	€123,063	€142,303	€42,818	€93,976	€2,678,402
2017 4-Month YTD	€770,695	€1,787,428	€2,518,222	€107,009	€485,898	€558,342	€173,435	€399,646	€10,689,739
2016 4-Month YTD	€833,343	€1,760,352	€2,755,973	€130,394	€445,474	€606,234	€190,881	€423,067	€10,992,764
2015 4-Month YTD	819,608	1,584,762	2,913,828	150,383	432,192	655,324	199,661	408,263	10,860,988

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: 2012-2015: Energy Information Administration (EIA), *Natural Gas Annual 2015*, and Bureau of Safety and Environmental Enforcement (BSEE) reports. January 2016 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, 2012-2017
(million cubic feet)

Year and Month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
2012 Total	351,259	1,146,168	246,822	1,709,376	296,299	2,955,437	66,954	1,215,773	172,242	84,482
2013 Total	338,182	1,139,654	252,310	1,604,860	292,467	2,360,202	63,242	1,171,640	235,711	166,017
2014 Total	345,310	1,122,733	238,988	1,643,487	286,480	1,960,813	59,160	1,229,519	326,491	512,371
2015										
January	31,439	90,124	19,579	143,307	27,171	150,559	5,016	99,904	34,890	64,049
February	27,510	78,243	17,865	131,720	24,406	140,258	4,575	94,642	32,891	60,157
March	30,523	88,842	19,670	145,431	26,626	152,988	4,876	105,697	37,313	69,570
April	29,759	87,259	20,597	140,951	23,209	150,812	4,909	103,230	37,433	70,792
May	29,124	89,383	21,197	144,431	23,790	156,076	4,994	106,836	40,751	77,865
June	26,000	84,146	19,568	140,779	22,937	144,605	4,784	102,625	40,074	84,693
July	26,682	85,283	19,225	142,461	23,438	150,102	4,941	104,033	40,622	88,406
August	25,176	83,697	19,466	146,089	23,484	148,908	4,756	107,577	39,931	87,904
September	27,601	81,249	18,394	138,917	22,506	144,978	4,573	106,601	38,665	89,371
October	29,190	82,955	18,456	146,669	23,053	148,924	4,827	109,119	43,503	104,127
November	29,589	78,958	17,929	140,798	21,720	144,929	4,562	104,888	41,842	104,731
December	30,941	80,135	19,114	143,282	22,896	143,661	4,608	99,659	43,589	113,185
Total	343,534	1,010,274	231,060	1,704,836	285,236	1,776,800	57,421	1,244,811	471,504	1,014,848
2016										
January	30,686	£77,842	£18,737	£143,629	£22,543	£158,192	£4,521	£95,640	£41,822	£112,423
February	28,434	£71,967	£17,100	£134,325	£20,866	£152,401	£4,233	£95,504	£39,959	£116,401
March	29,893	£74,543	£18,166	£143,636	£22,110	£151,705	£4,426	£104,315	£43,245	£120,760
April	26,259	£70,831	£17,618	£139,949	£21,173	£154,188	£4,275	£102,153	£39,621	£118,944
May	27,071	£71,791	£18,074	£144,657	£21,621	£159,598	£4,461	£104,836	£42,706	£121,778
June	24,882	£67,340	£17,229	£136,813	£20,531	£149,566	£4,285	£101,266	£41,733	£115,207
July	25,025	£68,255	£17,568	£142,734	£21,010	£161,904	£4,312	£106,089	£43,963	£117,841
August	24,918	£67,204	£17,814	£146,011	£20,642	£159,040	£4,158	£106,507	£42,677	£132,639
September	30,524	£64,224	£17,174	£140,186	£19,871	£151,629	£4,094	£102,881	£40,280	£131,410
October	28,546	£65,950	£17,602	£145,883	£20,240	£154,148	£4,197	£104,850	£44,519	£126,902
November	35,778	£63,331	£16,966	£141,394	£19,654	£152,658	£4,166	£103,379	£44,207	£122,054
December	31,612	£63,639	£17,402	£144,060	£19,263	£156,160	£4,089	£103,073	£39,940	£130,496
Total	343,629	£826,917	£211,451	£1,703,277	£249,524	£1,861,187	£51,219	£1,230,493	£504,672	£1,466,854
2017										
January	31,023	£65,622	£17,262	£143,020	£19,255	£152,236	£4,050	£100,436	£40,456	£132,523
February	28,145	RE59,704	RE15,322	RE130,148	RE17,565	RE143,751	RE3,718	RE93,212	RE40,026	RE122,279
March	31,344	RE61,890	RE16,720	RE142,818	RE19,261	RE165,132	RE4,047	RE104,043	RE45,205	RE131,231
April	30,373	£59,897	£16,385	£136,762	£18,245	£155,933	£3,950	£102,778	£46,126	£131,073
2017 4-Month YTD	120,884	£247,113	£65,689	£552,747	£74,326	£617,052	£15,765	£400,469	£171,813	£517,106
2016 4-Month YTD	115,272	£295,183	£71,622	£561,540	£86,692	£616,485	£17,456	£397,612	£164,646	£468,528
2015 4-Month YTD	119,231	344,468	77,711	561,409	101,411	594,617	19,375	403,473	142,526	264,567

See footnotes at end of table.

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

(million cubic feet) – continued

Year and Month	Oklahoma	Pennsylvania	Texas	Utah	West Virginia	Wyoming	Other States	Federal Gulf of Mexico	U.S. Total
2012 Total	2,023,461	2,256,696	7,475,495	490,393	539,860	2,022,275	722,721	1,507,564	25,283,278
2013 Total	1,993,754	3,259,042	7,633,618	470,863	741,853	1,858,207	671,364	1,309,246	25,562,232
2014 Total	2,331,086	4,257,693	7,985,019	454,545	1,067,114	1,794,413	628,854	1,253,678	27,497,754
2015									
January	206,817	408,019	653,831	37,590	110,332	151,386	51,853	105,441	2,391,305
February	186,741	370,836	613,311	34,974	98,200	136,015	46,684	93,580	2,192,608
March	216,067	413,155	676,440	39,723	113,381	152,906	50,775	95,228	2,439,210
April	209,983	392,752	664,552	38,096	110,279	151,289	48,883	106,587	2,391,372
May	214,639	391,332	673,495	38,525	120,138	150,822	50,389	110,517	2,444,303
June	211,079	376,856	657,094	36,673	113,604	148,664	49,620	104,646	2,368,447
July	217,883	401,777	673,240	36,655	115,055	151,190	50,555	116,251	2,447,799
August	213,529	409,771	666,179	33,179	114,871	152,340	50,406	118,791	2,446,056
September	204,298	398,110	659,888	31,097	111,932	147,335	48,631	115,877	2,390,024
October	209,342	407,234	660,433	31,636	108,711	152,643	50,133	110,458	2,441,416
November	201,517	409,344	634,462	30,898	96,829	148,584	48,052	102,500	2,362,132
December	207,703	433,795	647,606	34,255	105,489	150,540	49,384	108,420	2,438,262
Total	2,499,599	4,812,983	7,880,530	423,300	1,318,822	1,793,716	595,365	1,288,296	28,752,935
2016									
January	£214,000	£447,447	£610,242	£34,199	£114,272	£141,444	£48,916	£107,175	£2,423,731
February	£201,258	£430,800	£573,538	£31,283	£108,093	£131,963	£45,792	£99,650	£2,303,567
March	£214,561	£452,601	£605,954	£33,192	£112,282	£141,613	£48,116	£109,700	£2,430,818
April	£203,524	£429,503	£587,292	£31,720	£110,827	£134,894	£46,377	£100,406	£2,339,556
May	£211,836	£441,974	£602,230	£31,762	£114,948	£134,905	£47,832	£108,432	£2,410,513
June	£202,081	£434,819	£582,243	£29,847	£104,295	£131,810	£45,419	£94,933	£2,304,300
July	£210,617	£443,676	£590,498	£30,500	£119,222	£123,910	£46,767	£98,480	£2,372,371
August	£211,218	£443,604	£590,320	£30,359	£119,208	£126,769	£46,295	£104,122	£2,393,504
September	£202,202	£419,040	£562,913	£29,003	£114,934	£131,908	£44,908	£95,499	£2,302,681
October	£206,225	£421,765	£576,854	£29,312	£118,134	£138,487	£46,172	£101,987	£2,351,775
November	£195,366	£437,277	£550,653	£27,790	£116,078	£132,378	£44,484	£100,295	£2,307,907
December	£195,424	£461,466	£552,837	£28,283	£122,817	£132,618	£45,259	£105,777	£2,354,215
Total	£2,468,312	£5,263,973	£6,985,576	£367,251	£1,375,108	£1,602,701	£556,337	£1,226,458	£28,294,939
2017									
January	£193,927	£461,677	£554,138	£27,708	£123,989	£128,115	£44,963	£104,398	£2,344,796
February	RE179,163	RE419,527	RE512,125	RE25,035	RE112,378	RE117,940	£40,286	RE92,510	RE2,152,834
March	RE200,215	RE459,618	RE559,755	RE27,706	RE126,469	RE131,334	RE44,219	RE104,330	RE2,375,337
April	£197,390	£446,606	£545,948	£26,559	£123,063	£129,083	£42,441	£92,613	£2,305,226
2017 4-Month YTD	£770,695	£1,787,428	£2,171,966	£107,009	£485,898	£506,472	£171,908	£393,851	£9,178,193
2016 4-Month YTD	£833,343	£1,760,352	£2,377,026	£130,394	£445,474	£549,915	£189,201	£416,932	£9,497,673
2015 4-Month YTD	819,608	1,584,762	2,608,134	150,383	432,192	591,597	198,194	400,835	9,414,496

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: 2012-2015: Energy Information Administration (EIA), *Natural Gas Annual 2015*, and Bureau of Safety and Environmental Enforcement (BSEE) reports. January 2016 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, 2012-2017
(volumes in billion cubic feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^c	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^b
2012 Total^c	--	--	--	--	--	2,825	2,818	-7
2013 Total^c	--	--	--	--	--	3,156	3,702	546
2014 Total^c	--	--	--	--	--	3,839	3,586	-253
2015								
January	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	2,947	7,307	532	22.0	66	795	729
February	4,361	2,543	6,904	869	51.9	111	515	403
March	4,352	2,495	6,847	1,015	68.6	215	272	57
April	4,355	2,654	7,009	852	47.3	294	130	-164
May	4,357	2,975	7,332	679	29.5	402	^R 75	^R -327
June	4,360	3,194	7,554	539	20.3	316	94	-222
July	4,360	3,327	7,686	394	13.4	283	150	-133
August	4,360	3,450	7,810	200	6.2	286	162	-124
September	4,360	3,714	8,073	91	2.5	351	88	-262
October	4,362	4,021	8,383	71	1.8	387	78	-308
November	4,364	3,985	8,348	50	1.3	178	213	35
December	4,371	3,305	7,675	-370	-10.1	87	763	676
Total	--	--	--	--	--	2,977	^R3,335	^R359
2017								
January	4,370	2,631	7,001	-316	-10.7	101	776	675
February	4,369	2,346	6,715	-197	-7.7	131	416	285
March	4,370	2,072	^R 6,441	-423	^R -17.0	^R 167	^R 443	275
April	4,371	2,301	6,671	-353	-13.3	341	111	-230

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

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

^c Total as of December 31.

^R Revised data.

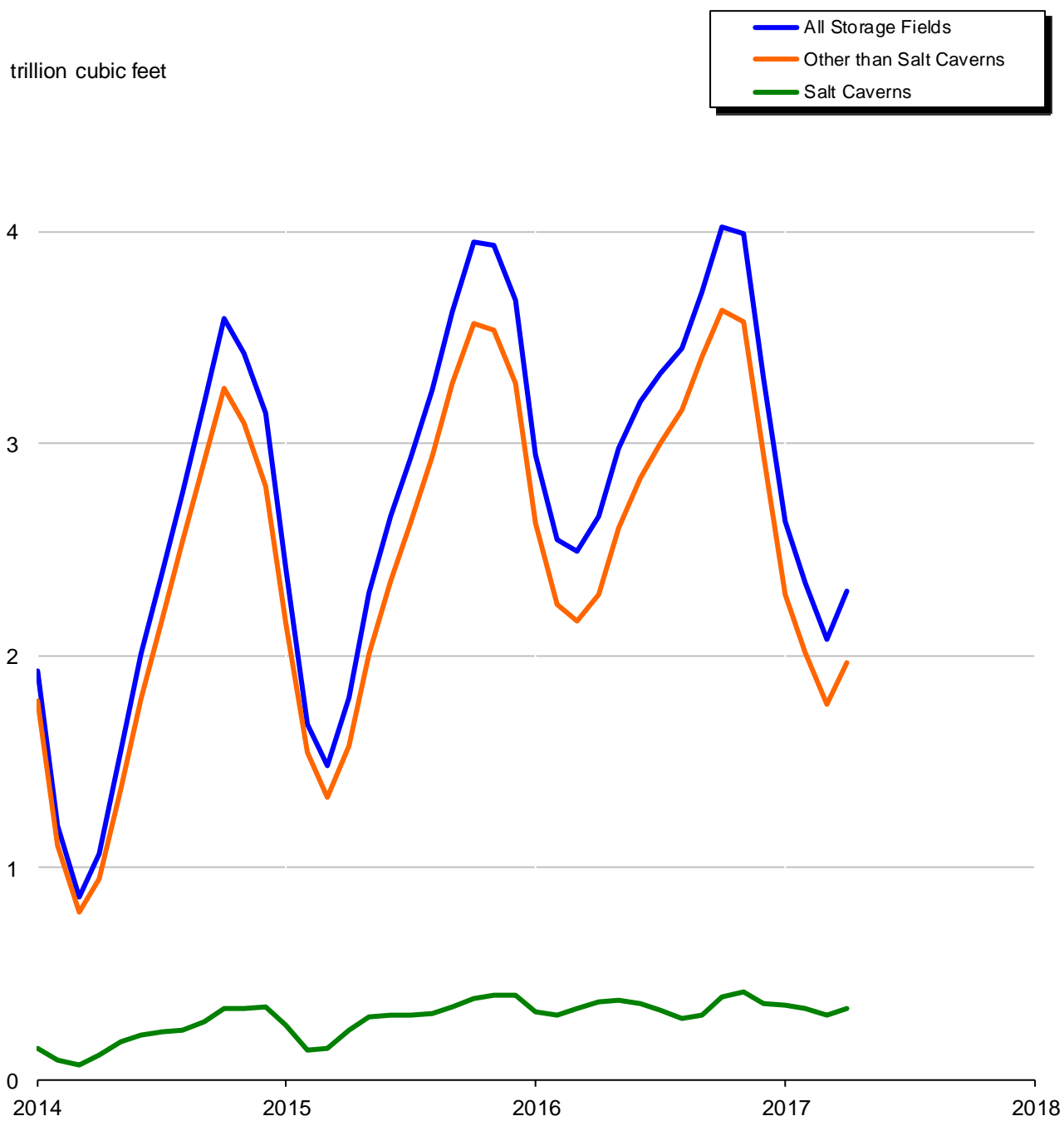
-- Not applicable.

Notes: Data for 2012 through 2014 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Alaska added to U.S. totals as of January 2013. Change in Working Gas from Same Period, Previous Year, includes data for Alaska, which had no working gas recorded for periods prior to January 2013.

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

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

Figure 5



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

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

(volumes in billion cubic feet)

Year, Season, and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity			Net Withdrawals ^a
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Withdrawals ^a	
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	2,947	7,307	532	22.0	66	795	729	
February	4,361	2,543	6,904	869	51.9	111	515	403	
March	4,352	2,495	6,847	1,015	68.6	215	272	57	
Total	--	--	--	--	--	732	2,197	1,465	
2016 Refill Season									
April	4,355	2,654	7,009	852	47.3	294	130	-164	
May	4,357	2,975	7,332	679	29.5	402	^R 75	^R -327	
June	4,360	3,194	7,554	539	20.3	316	94	-222	
July	4,360	3,327	7,686	394	13.4	283	150	-133	
August	4,360	3,450	7,810	200	6.2	286	162	-124	
September	4,360	3,714	8,073	91	2.5	351	88	-262	
October	4,362	4,021	8,383	71	1.8	387	78	-308	
Total	--	--	--	--	--	2,319	^R 778	^R -1,541	
2017 Heating Season									
November	4,364	3,985	8,348	50	1.3	178	213	35	
December	4,371	3,305	7,675	-370	-10.1	87	763	676	
January	4,370	2,631	7,001	-316	-10.7	101	776	675	
February	4,369	2,346	6,715	-197	-7.7	131	416	285	
March	4,370	2,072	^R 6,441	-423	^R -17.0	^R 167	^R 443	275	
Total	--	--	--	--	--	^R664	^R2,611	1,946	
2017 Refill Season									
April	4,371	2,301	6,671	-353	-13.3	341	111	-230	

^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 2014 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Alaska added to U.S. totals as of January 2013.

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

Table 10. Underground natural gas storage – salt cavern storage fields, 2012-2017
(volumes in billion cubic feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^a
2012 Total^b	--	--	--	--	--	465	445	-20
2013 Total^b	--	--	--	--	--	492	521	29
2014 Total^b	--	--	--	--	--	634	552	-82
2015								
January	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
July	183	328	511	22	7.4	32	62	29
August	184	290	474	-19	-6.1	33	69	37
September	185	304	489	-37	-10.9	52	37	-14
October	185	392	577	8	2.1	115	26	-89
November	186	411	598	14	3.4	47	28	-20
December	186	357	544	-38	-9.6	38	92	53
Total	--	--	--	--	--	593	625	32
2017								
January	186	347	533	26	8.2	57	68	11
February	186	336	522	33	10.9	37	47	10
March	187	301	487	-30	-9.2	43	79	36
April	188	335	523	-32	-8.8	68	32	-36
2017 4-Month YTD	--	--	--	--	--	206	226	21
2016 4-Month YTD	--	--	--	--	--	204	229	26
2015 4-Month YTD	--	--	--	--	--	192	304	113

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

^b Total as of December 31.

-- Not applicable.

Notes: Data for 2012 through 2014 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Alaska added to U.S. totals as of January 2013.

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

Table 11. Underground natural gas storage – storage fields other than salt caverns, 2012-2017
(volumes in billion cubic feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^a
2012 Total^b	--	--	--	--	--	2,360	2,373	12
2013 Total^b	--	--	--	--	--	2,664	3,181	517
2014 Total^b	--	--	--	--	--	3,205	3,034	-171
2015								
January	4,182	2,155	6,337	373	20.9	46	690	644
February	4,181	1,539	5,720	434	39.2	46	663	616
March	4,182	1,333	5,515	544	68.9	124	330	205
April	4,182	1,572	5,755	625	66.0	310	71	-239
May	4,183	2,004	6,187	635	46.4	460	28	-433
June	4,185	2,349	6,534	552	30.7	386	39	-346
July	4,190	2,627	6,818	454	20.9	342	58	-284
August	4,182	2,941	7,123	401	15.8	358	53	-305
September	4,183	3,281	7,465	365	12.5	380	39	-341
October	4,184	3,566	7,750	310	9.5	334	46	-288
November	4,186	3,537	7,724	446	14.4	151	177	26
December	4,181	3,280	7,461	479	17.1	94	356	262
Total	--	--	--	--	--	3,032	2,549	-482
2016								
January	4,180	2,626	6,806	471	21.9	37	689	652
February	4,180	2,239	6,419	700	45.5	69	456	387
March	4,170	2,164	6,334	831	62.3	149	233	85
April	4,172	2,286	6,459	714	45.4	229	103	-126
May	4,174	2,598	6,772	594	29.6	357	R40	R-317
June	4,176	2,837	7,013	488	20.8	291	49	-241
July	4,176	2,999	7,175	371	14.1	251	88	-163
August	4,177	3,159	7,336	219	7.4	253	92	-160
September	4,175	3,410	7,584	128	3.9	299	51	-248
October	4,177	3,629	7,806	63	1.8	271	52	-220
November	4,177	3,574	7,751	36	1.0	131	185	55
December	4,185	2,947	7,132	-332	-10.1	48	671	623
Total	--	--	--	--	--	2,384	R2,710	R326
2017								
January	4,184	2,284	6,468	-342	-13.0	44	707	664
February	4,183	2,010	6,193	-230	-10.3	94	369	275
March	4,183	R1,771	R5,954	R-393	R-18.2	R124	R364	239
April	4,183	1,966	6,148	-321	-14.0	273	79	-195
2017 4-Month YTD	--	--	--	--	--	535	1,519	984
2016 4-Month YTD	--	--	--	--	--	484	1,482	998
2015 4-Month YTD	--	--	--	--	--	527	1,753	1,226

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

^b Total as of December 31.

^R Revised data.

-- Not applicable.

Notes: Data for 2012 through 2014 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Alaska added to U.S. totals as of January 2013.

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

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

State	2017				2016	
	April	March	February	January	Total	December
Alabama	-1,292	1,420	-1,005	-254	1,019	3,462
Alaska ^a	-1,076	1,572	1,409	2,213	-8,322	1,789
Arkansas	-272	772	66	418	-1,688	739
California	-16,166	-17,257	4,304	50,405	39,603	43,736
Colorado	-1,374	1,199	4,859	10,983	-4,606	11,693
Illinois	4,438	35,264	42,917	59,371	5,282	53,639
Indiana	-501	2,040	3,067	5,972	3,478	4,712
Iowa	1,288	5,165	8,052	15,571	6,414	22,217
Kansas	-10,252	5,246	2,192	18,823	8,377	21,467
Kentucky	-12,511	5,772	7,787	16,622	9,205	16,756
Louisiana	-21,998	23,900	11,892	22,369	39,572	42,587
Maryland	-280	3,170	2,048	3,915	2,916	2,604
Michigan	-39,909	63,573	47,176	108,702	57,601	108,495
Minnesota	36	342	450	321	38	44
Mississippi	-8,395	6,585	1,802	10,041	27,135	24,501
Missouri	*	100	-20	163	-156	365
Montana	-2,222	1,137	4,042	7,075	-7,364	8,305
Nebraska	-979	-287	1,408	2,844	785	2,171
New Mexico	-1,704	-2,779	1,321	4,466	669	4,345
New York	-5,894	17,047	12,369	20,857	19,233	20,132
Ohio	-5,818	27,859	22,619	36,350	17,390	41,276
Oklahoma	-4,742	-5,893	3,193	35,389	12,705	31,565
Oregon	-336	-2,364	606	4,500	2,390	5,032
Pennsylvania	-33,170	70,898	54,306	82,560	76,435	70,114
Tennessee	-29	-5	14	31	-66	71
Texas	-30,805	1,147	6,329	78,122	38,586	65,863
Utah	-2,628	-518	5,334	11,889	-1,208	12,286
Virginia	-310	689	685	180	189	212
Washington	-2,596	1,556	4,022	6,908	-2,216	3,465
West Virginia	-30,225	27,754	29,885	49,846	22,486	44,091
Wyoming	-632	234	1,737	8,000	-7,349	8,555
Regions						
East Region	-75,698	147,418	121,912	193,707	138,650	178,428
South Central Region	-77,757	33,177	24,469	164,908	125,706	190,184
Midwest Region	-47,188	112,250	109,443	206,754	81,797	206,299
Mountain Region	-9,538	-1,014	18,701	45,258	-19,074	47,355
Pacific Region	-19,098	-18,066	8,931	61,813	39,778	52,233
Total Lower 48 States	-229,279	273,766	283,456	672,439	366,856	674,499
U.S. Total	-230,355	275,338	284,865	674,653	358,534	676,287

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016					
	November	October	September	August	July	June
Alabama	-2,161	-5,368	-597	2,250	3,115	1,486
Alaska ^a	872	139	-1,321	-1,997	-1,976	-1,468
Arkansas	-107	-152	-318	-564	-517	-724
California	1,937	-8,590	-3,383	4,248	769	-7,766
Colorado	-1,452	-7,324	-5,111	-3,745	-4,892	-5,512
Illinois	623	-37,807	-41,363	-33,535	-28,440	-32,072
Indiana	-1,533	-2,257	-2,199	-1,850	-1,850	-2,226
Iowa	5,150	-18,715	-18,041	-14,078	-1,925	-2,856
Kansas	876	-5,573	-8,157	-2,098	-7,378	-4,701
Kentucky	51	-4,545	-4,548	-128	-2,707	-2,776
Louisiana	-3,970	-51,370	-11,031	18,506	16,049	-2,585
Maryland	893	133	-150	-1,397	-1,133	-3,022
Michigan	17,034	-27,683	-54,745	-36,754	-35,799	-52,688
Minnesota	14	-104	-197	-228	-205	-174
Mississippi	1,560	-24,918	-3,355	2,651	7,130	1,758
Missouri	-210	-405	-290	*	0	0
Montana	2,401	-782	-2,191	-3,465	-3,260	-4,908
Nebraska	721	-1,221	-1,132	-90	-151	-16
New Mexico	-1,195	-1,530	75	167	659	-391
New York	4,697	-7,006	-12,209	-3,017	-3,467	-6,284
Ohio	14,460	-10,323	-22,602	-23,658	-25,774	-26,258
Oklahoma	-5,705	-11,783	-2,082	1,055	-3,398	-3,069
Oregon	406	-1,086	-266	-16	-887	-511
Pennsylvania	10,492	-16,859	-43,300	-18,752	-21,094	-36,463
Tennessee	-14	-34	2	2	3	-38
Texas	-17,919	-50,646	112	21,278	18,530	7,624
Utah	-466	-1,542	-3,455	-2,871	-2,671	-4,887
Virginia	-211	-163	-185	-504	73	-46
Washington	448	-109	-3,266	-2,091	-788	-1,834
West Virginia	10,717	-7,057	-15,425	-22,388	-29,279	-25,941
Wyoming	-3,105	-3,717	-1,656	-769	-1,773	-3,980
Regions						
East Region	41,048	-41,275	-93,871	-69,715	-80,674	-98,014
South Central Region	-27,426	-149,809	-25,428	43,079	33,529	-212
Midwest Region	21,114	-91,550	-121,381	-86,571	-70,923	-92,831
Mountain Region	-3,096	-16,117	-13,469	-10,773	-12,088	-19,694
Pacific Region	2,790	-9,785	-6,916	2,142	-906	-10,112
Total Lower 48 States	34,431	-308,536	-261,066	-121,839	-131,061	-220,862
U.S. Total	35,302	-308,397	-262,387	-123,835	-133,038	-222,330

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016					2015
	May	April	March	February	January	Total
Alabama	-1,536	-3,383	-323	-713	4,787	-3,817
Alaska ^a	-1,957	-1,441	-451	-459	-50	782
Arkansas	-801	-444	438	328	434	-1,046
California	-16,700	-17,261	-4,805	7,203	40,217	-2,698
Colorado	-5,498	1,334	3,688	2,412	9,800	-5,930
Illinois	-26,284	4,551	26,092	50,274	69,604	-10,603
Indiana	-2,905	527	1,694	5,259	6,106	-4,411
Iowa	-2,349	2,150	4,762	10,674	19,427	-4,955
Kansas	-13,272	-7,171	-4,070	11,913	26,541	-11,154
Kentucky	-8,262	-16,117	2,150	9,656	19,675	-17,554
Louisiana	-11,540	-20,296	-14,011	21,175	56,058	-88,237
Maryland	-1,671	716	-342	2,294	3,991	-1,304
Michigan	-65,480	-13,874	30,025	80,654	108,415	-87,722
Minnesota	-76	7	515	127	315	-78
Mississippi	-6,684	-6,394	-12,187	6,944	36,129	-27,879
Missouri	0	0	119	-168	433	-586
Montana	-5,202	-3,943	-770	2,057	4,394	-3,197
Nebraska	-1,099	-630	-103	549	1,788	-786
New Mexico	-1,615	-1,170	-1,658	1,413	1,568	-19,897
New York	-11,257	-1,560	2,483	14,571	22,150	-15,923
Ohio	-21,537	-5,040	17,603	32,160	47,082	-33,025
Oklahoma	-15,348	-9,402	-5,923	10,070	26,725	-32,397
Oregon	-1,218	-1,027	-362	481	1,845	474
Pennsylvania	-32,012	-5,601	20,011	62,426	87,473	-41,111
Tennessee	-27	-17	-32	-6	25	-453
Texas	-29,546	-38,115	-19,445	24,128	56,721	-91,530
Utah	-7,374	-814	-1,928	3,685	8,830	-8,073
Virginia	-242	-508	135	17	1,612	-468
Washington	-4,392	-2,918	1,935	5,854	1,480	4,545
West Virginia	-27,290	-14,238	11,571	35,666	62,059	-28,151
Wyoming	-3,858	-2,386	-139	2,448	3,031	-1,237
Regions						
East Region	-94,008	-26,232	51,461	147,134	224,367	-119,981
South Central Region	-78,727	-85,205	-55,521	73,846	207,396	-256,060
Midwest Region	-105,382	-22,774	65,327	156,470	224,000	-126,362
Mountain Region	-24,646	-7,610	-910	12,562	29,411	-39,121
Pacific Region	-22,310	-21,206	-3,232	13,538	43,542	2,322
Total Lower 48 States	-325,073	-163,027	57,125	403,550	728,716	-539,203
U.S. Total	-327,030	-164,468	56,674	403,091	728,666	-538,421

See footnotes at end of table.

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

(million cubic feet) – continued

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

See footnotes at end of table.

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

(million cubic feet) – continued

State	2015					
	June	May	April	March	February	January
Alabama	-734	-5,684	-6,159	-243	8,440	4,774
Alaska ^a	-78	-71	219	235	185	194
Arkansas	-357	-411	91	234	567	431
California	-10,336	-25,451	-16,467	-4,345	-2,750	38,916
Colorado	-6,817	-5,045	1,888	920	5,579	5,942
Illinois	-29,520	-28,714	1,105	21,193	58,104	63,529
Indiana	-2,942	-2,903	-294	2,709	5,238	5,552
Iowa	-6,962	-5,355	541	6,384	11,129	14,550
Kansas	-11,868	-13,935	-2,777	-721	26,416	18,461
Kentucky	-5,537	-9,947	-14,941	2,284	20,181	13,454
Louisiana	-16,431	-36,612	-45,037	-1,990	73,436	57,369
Maryland	-2,577	-2,522	-254	970	4,876	3,057
Michigan	-82,493	-82,150	-42,975	61,590	176,480	138,879
Minnesota	-37	6	6	351	255	337
Mississippi	-11,013	-21,243	-30,471	371	40,415	36,131
Missouri	*	0	0	-976	1,273	151
Montana	-3,128	-2,545	-1,350	-172	3,314	4,588
Nebraska	-1,343	-1,121	-417	669	1,778	1,989
New Mexico	-1,306	-2,874	-2,771	-2,404	-1,237	131
New York	-15,297	-12,852	-4,764	12,169	17,191	17,951
Ohio	-26,651	-31,413	-14,797	19,170	37,546	42,969
Oklahoma	-17,758	-30,908	-22,563	1,625	31,015	30,588
Oregon	-374	-2,416	116	-732	688	3,212
Pennsylvania	-51,105	-62,659	-27,319	48,329	92,652	83,807
Tennessee	-49	-53	-48	-10	96	42
Texas	-23,854	-64,583	-68,034	4,146	75,241	66,265
Utah	-5,110	-6,367	-512	-197	3,249	6,246
Virginia	-509	-600	793	-1,256	1,821	1,268
Washington	122	-4,285	-1,199	2,520	4,712	4,416
West Virginia	-25,786	-33,369	-23,204	19,424	41,243	58,043
Wyoming	-1,715	-1,151	308	1,217	2,397	1,901
Regions						
East Region	-121,926	-143,415	-69,546	98,805	195,328	207,094
South Central Region	-82,015	-173,376	-174,950	3,421	255,529	214,020
Midwest Region	-127,539	-129,116	-56,605	93,527	272,757	236,494
Mountain Region	-19,419	-19,103	-2,853	34	15,081	20,797
Pacific Region	-10,588	-32,152	-17,550	-2,557	2,649	46,544
Total Lower 48 States	-361,486	-497,162	-321,505	193,230	741,344	724,949
U.S. Total	-361,564	-497,234	-321,286	193,465	741,529	725,144

^a Alaska data are not included in the regions' totals or the lower 48 states total.^R Revised data.^{*} Volume is less than 500,000 cubic feet.

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

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

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

(volumes in million cubic feet)

State	Field Count	Total Storage Capacity	Working Gas Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
				Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Alabama	2	43,600	33,150	10,450	24,049	34,499	484	2.1	2,864	1,573
Alaska ^a	5	83,592	67,915	14,197	28,485	42,682	1,803	6.8	1,611	535
Arkansas	2	21,853	12,178	12,880	1,157	14,038	533	85.3	344	72
California	14	603,808	373,236	230,605	217,586	448,192	-44,947	-17.1	19,076	2,910
Colorado	11	139,486	68,174	58,568	29,819	88,388	6,227	26.4	5,410	4,036
Illinois	28	1,004,710	303,613	702,958	61,844	764,802	2,092	3.5	8,028	12,465
Indiana	21	111,721	33,674	77,198	12,500	89,698	-557	-4.3	653	152
Iowa	4	288,210	90,313	197,897	21,580	219,477	522	2.5	102	1,391
Kansas	16	282,986	122,982	164,079	71,154	235,233	2,800	4.1	13,246	2,994
Kentucky	23	221,723	107,572	112,934	70,469	183,402	-11,367	-13.9	13,769	1,258
Louisiana	19	743,373	453,502	281,461	301,322	582,783	-38,443	-11.3	40,058	18,059
Maryland	1	64,000	18,300	45,677	3,626	49,304	-5,111	-58.5	697	417
Michigan	44	1,071,608	685,709	386,921	350,364	737,284	-32,058	-8.4	44,070	4,161
Minnesota	1	7,000	2,000	4,848	938	5,786	-223	-19.2	0	36
Mississippi	12	334,792	204,713	115,662	132,510	248,172	-12,035	-8.3	18,386	9,991
Missouri	1	13,845	6,000	7,845	6,132	13,977	96	1.6	6	6
Montana	4	376,225	197,477	178,501	17,263	195,764	-889	-4.9	2,405	184
Nebraska	1	34,850	12,653	22,197	6,560	28,757	-2,258	-25.6	1,061	82
New Mexico	2	89,100	59,738	29,362	43,599	72,962	-1,820	-4.0	1,984	280
New York	26	245,779	126,871	114,638	44,440	159,078	-26,163	-37.1	8,020	2,126
Ohio	24	575,794	230,840	342,918	67,325	410,244	-6,344	-8.6	9,894	4,076
Oklahoma	13	376,528	196,675	179,696	125,564	305,260	-17,768	-12.4	8,730	3,988
Oregon	7	29,565	15,935	11,186	10,835	22,021	-2,896	-21.1	358	22
Pennsylvania	49	760,619	426,361	335,810	132,374	468,184	-85,898	-39.4	46,638	13,468
Tennessee	2	2,400	1,800	878	1,206	2,083	14	1.1	31	1
Texas	36	854,759	550,137	298,024	367,892	665,916	-71,015	-16.2	52,460	21,655
Utah	3	124,509	54,942	69,508	26,159	95,667	-3,141	-10.7	4,194	1,565
Virginia	2	9,500	5,400	4,100	3,770	7,870	-177	-4.5	722	412
Washington	1	46,900	24,600	22,300	9,405	31,705	-1,324	-12.3	3,405	809
West Virginia	31	530,837	261,337	270,016	82,744	352,759	-4,767	-5.4	31,665	1,440
Wyoming	9	157,744	73,705	67,553	27,912	95,464	1,456	5.5	1,304	672
Regions										
East Region	133	2,186,529	1,069,109	1,113,159	334,279	1,447,439	-128,461	-27.8	97,637	21,939
South Central Region	100	2,657,891	1,573,337	1,062,251	1,023,649	2,085,900	-135,444	-11.7	136,089	58,332
Midwest Region	124	2,721,215	1,230,680	1,491,478	525,032	2,016,510	-41,481	-7.3	66,657	19,469
Mountain Region	30	921,914	466,689	425,689	151,313	577,002	-425	-0.3	16,357	6,819
Pacific Region	22	680,273	413,771	264,091	237,826	501,918	-49,166	-17.1	22,839	3,741
Total Lower 48 States	409	9,167,823	4,753,587	4,356,668	2,272,100	6,628,768	-354,978	-13.5	339,580	110,302
U.S. Total	414	9,251,415	4,821,502	4,370,865	2,300,585	6,671,450	-353,175	-13.3	341,192	110,837

^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-191. Change in Working Gas from Same Period, Previous Year, includes data for Alaska which had no working gas recorded for periods prior to January 2013. As of January 2015, the Kimball and Columbus III reservoirs in Michigan are being reported under the Bluewater Gas Storage Field on a combined basis. In prior periods, they were reported separately.

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

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

State	2017	2016	2015	2017			
	4-Month YTD	4-Month YTD	4-Month YTD	April	March	February	January
Alabama	NA	17,455	22,171	NA	3,238	3,289	4,925
Alaska	9,854	7,546	8,602	1,473	2,667	2,523	3,191
Arizona	NA	19,867	17,100	2,364	3,714	NA	6,674
Arkansas	12,436	14,694	22,243	1,098	2,771	3,179	5,388
California	NA	180,482	162,880	29,519	40,350	53,637	NA
Colorado	59,018	64,472	59,413	8,987	12,021	14,910	23,100
Connecticut	27,599	26,322	33,829	3,592	7,982	7,326	8,700
Delaware	5,597	5,921	8,029	606	1,674	1,384	1,933
District of Columbia	NA	6,707	8,964	562	1,621	NA	2,120
Florida	6,625	8,190	7,483	1,369	1,604	1,724	1,928
Georgia	49,295	62,530	70,669	5,731	12,905	12,462	18,196
Hawaii	210	199	216	49	52	52	58
Idaho	14,517	11,529	10,986	1,987	2,630	3,773	6,127
Illinois	195,025	212,216	249,154	23,302	52,121	47,520	72,082
Indiana	63,102	69,588	86,155	7,079	17,164	15,357	23,502
Iowa	32,469	34,605	38,702	4,106	8,177	8,502	11,684
Kansas	28,156	30,084	33,689	3,210	6,245	7,008	11,693
Kentucky	21,628	26,961	32,976	2,041	5,670	5,619	8,298
Louisiana	12,991	17,927	21,860	1,798	2,845	3,153	5,195
Maine	1,536	1,450	1,682	240	431	408	457
Maryland	39,309	43,522	55,604	3,395	10,988	10,924	14,002
Massachusetts	65,491	63,250	83,421	8,735	20,438	16,656	19,663
Michigan	156,083	166,931	197,269	19,350	44,047	39,390	53,296
Minnesota	65,618	67,001	70,438	8,401	16,843	16,691	23,684
Mississippi	8,706	NA	14,826	798	2,216	2,173	3,519
Missouri	45,761	51,157	62,445	4,587	10,510	11,344	19,320
Montana	11,175	9,073	9,295	1,629	2,262	3,017	4,268
Nebraska	18,781	18,135	20,541	2,419	4,245	5,128	6,989
Nevada	21,715	19,806	17,083	2,755	4,336	6,167	8,457
New Hampshire	4,063	3,928	5,149	498	1,235	1,042	1,288
New Jersey	120,626	121,569	160,123	15,232	34,249	31,185	39,961
New Mexico	15,454	17,263	16,604	2,075	3,001	4,251	6,126
New York	234,147	229,375	291,304	31,157	68,611	60,832	73,548
North Carolina	29,393	37,830	43,028	2,298	8,121	7,080	11,894
North Dakota	5,933	5,363	6,059	739	1,480	1,581	2,133
Ohio	129,867	146,978	189,993	13,811	36,946	32,795	46,315
Oklahoma	24,894	27,372	35,605	2,649	4,598	6,247	11,400
Oregon	24,779	18,117	17,239	3,757	5,123	6,390	9,510
Pennsylvania	120,686	125,416	155,361	14,171	34,347	31,514	40,654
Rhode Island	10,115	9,820	13,087	1,229	3,224	2,609	3,054
South Carolina	12,277	16,312	18,244	1,138	3,318	2,976	4,844
South Dakota	6,340	6,400	6,659	797	1,585	1,477	2,482
Tennessee	28,823	37,295	46,827	2,457	7,163	7,505	11,697
Texas	NA	99,560	136,006	9,391	15,962	22,929	NA
Utah	31,456	32,062	26,251	4,878	5,592	7,281	13,705
Vermont	1,986	1,854	2,463	318	582	518	568
Virginia	39,281	45,120	58,538	3,579	10,989	10,147	14,567
Washington	46,336	35,179	33,077	6,966	10,334	12,341	16,695
West Virginia	11,985	14,049	16,955	1,363	3,467	3,098	4,057
Wisconsin	67,503	69,880	78,916	8,391	18,555	17,155	23,402
Wyoming	6,876	5,624	5,489	1,036	1,553	1,868	2,420
Total	2,279,507	2,375,122	2,790,703	280,604	581,801	583,515	833,587

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016						
	Total	December	November	October	September	August	July
Alabama	28,980	4,979	1,826	893	633	659	689
Alaska	17,781	2,970	2,314	1,711	828	534	479
Arizona	34,815	4,941	2,295	1,421	1,134	1,021	1,072
Arkansas	26,132	5,723	1,761	706	587	529	564
California	409,429	66,085	37,269	22,105	19,803	18,507	19,421
Colorado	122,273	22,187	11,580	5,970	3,231	2,751	2,597
Connecticut	47,856	8,119	4,606	2,050	1,000	933	1,075
Delaware	10,020	1,775	824	292	171	160	171
District of Columbia	R11,658	R2,185	964	345	207	216	246
Florida	15,794	1,639	1,118	847	750	705	723
Georgia	117,092	19,653	10,235	4,850	3,821	3,854	3,670
Hawaii	571	52	47	45	49	45	45
Idaho	24,561	5,819	2,626	1,437	681	492	518
Illinois	384,290	76,626	32,672	14,594	7,759	7,419	7,782
Indiana	125,716	26,456	11,533	4,363	2,382	2,240	2,063
Iowa	60,664	12,573	4,563	1,996	1,317	1,042	1,167
Kansas	56,121	12,424	4,929	1,598	1,182	1,030	1,118
Kentucky	46,286	9,482	3,929	1,305	778	780	725
Louisiana	33,472	5,143	2,119	1,480	1,303	1,330	1,270
Maine	2,625	451	231	134	58	44	52
Maryland	R76,147	R13,865	6,773	2,638	1,421	1,339	1,479
Massachusetts	115,739	19,827	10,970	5,604	2,520	2,356	2,519
Michigan	R300,843	55,042	R28,110	R15,262	R6,804	R5,010	R5,503
Minnesota	119,491	22,005	10,006	5,645	2,641	2,537	2,343
Mississippi	NA	3,772	1,348	624	571	553	567
Missouri	92,157	21,067	7,285	2,607	1,663	1,739	1,763
Montana	19,815	4,120	2,195	1,434	655	420	415
Nebraska	32,644	6,839	2,344	1,019	698	657	704
Nevada	38,271	6,637	2,832	1,772	1,359	1,183	1,243
New Hampshire	7,084	1,289	723	239	158	133	134
New Jersey	219,410	37,077	19,022	9,042	4,785	4,501	5,901
New Mexico	32,662	5,918	3,074	1,217	937	776	841
New York	419,700	67,377	38,700	18,644	9,617	9,441	10,979
North Carolina	65,037	13,017	6,352	1,732	1,096	1,054	1,055
North Dakota	10,155	2,160	875	635	220	177	164
Ohio	256,158	46,063	23,488	10,407	4,734	4,832	4,251
Oklahoma	51,819	11,843	3,903	1,774	1,334	1,214	1,160
Oregon	R38,865	R8,606	4,096	R2,719	R1,091	R610	1,005
Pennsylvania	223,477	39,761	21,335	9,168	4,331	4,094	4,264
Rhode Island	17,700	3,153	1,804	932	370	242	276
South Carolina	27,754	5,410	2,633	733	504	487	450
South Dakota	11,787	2,541	908	526	242	212	198
Tennessee	62,836	13,220	4,681	1,503	1,088	974	1,070
Texas	175,286	29,021	9,101	6,502	5,346	5,374	5,948
Utah	63,797	13,113	6,350	2,973	1,778	1,363	1,710
Vermont	3,396	534	313	143	84	74	89
Virginia	R77,191	R13,321	6,535	2,887	1,452	1,346	1,403
Washington	76,179	15,993	7,828	5,538	2,548	1,779	1,853
West Virginia	23,559	4,146	2,299	896	366	326	367
Wisconsin	124,213	24,126	10,265	5,535	2,379	2,103	2,338
Wyoming	11,675	2,366	1,109	707	343	253	228
Total	R4,391,110	R802,507	R384,696	R189,197	R110,808	R101,448	R107,667

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016						2015
	June	May	April	March	February	January	Total
Alabama	849	997	1,678	2,811	5,627	7,340	32,709
Alaska	534	864	1,233	1,886	2,068	2,359	18,574
Arizona	1,314	1,750	2,402	3,064	5,763	8,638	34,507
Arkansas	665	902	1,457	2,654	4,770	5,813	32,998
California	21,129	24,628	28,039	39,564	43,489	69,390	401,172
Colorado	2,956	6,531	10,396	14,346	17,334	22,396	122,364
Connecticut	1,365	2,385	4,229	5,562	7,947	8,584	50,975
Delaware	231	475	823	1,135	1,879	2,084	11,260
District of Columbia	287	501	791	1,107	2,285	2,524	13,494
Florida	824	1,000	1,262	1,749	2,408	2,772	15,044
Georgia	3,801	4,678	6,530	9,664	19,992	26,344	118,025
Hawaii	45	44	51	49	47	52	572
Idaho	580	881	1,290	2,532	3,241	4,466	23,482
Illinois	9,472	15,751	30,185	41,109	62,368	78,554	400,876
Indiana	2,265	4,827	9,496	11,848	21,727	26,516	133,045
Iowa	1,173	2,228	4,620	6,723	10,123	13,139	62,739
Kansas	1,426	2,331	2,631	5,285	8,935	13,233	57,408
Kentucky	817	1,509	2,673	4,737	8,694	10,856	49,426
Louisiana	1,321	1,579	2,028	2,782	5,204	7,912	36,046
Maine	63	143	258	342	401	450	2,700
Maryland	1,778	3,331	5,405	7,528	13,550	17,039	82,858
Massachusetts	2,893	5,800	10,379	14,183	18,657	20,032	126,662
Michigan	5,714	12,468	27,877	33,887	48,719	56,448	312,098
Minnesota	2,991	4,321	10,032	12,742	20,031	24,196	117,586
Mississippi	NA	815	NA	1,730	3,307	5,159	23,248
Missouri	1,942	2,934	5,008	8,781	15,238	22,130	95,503
Montana	534	969	1,336	2,084	2,377	3,276	18,796
Nebraska	894	1,354	2,295	3,457	5,397	6,986	34,663
Nevada	1,486	1,952	2,449	3,452	5,542	8,364	37,029
New Hampshire	173	307	626	831	1,136	1,334	7,842
New Jersey	6,524	10,990	18,208	24,355	35,568	43,438	237,104
New Mexico	1,087	1,549	2,184	3,349	4,976	6,754	33,130
New York	13,039	22,528	37,670	48,649	67,663	75,393	452,148
North Carolina	1,231	1,670	3,327	5,172	13,015	16,316	64,523
North Dakota	183	378	778	1,086	1,524	1,975	10,552
Ohio	4,876	10,529	21,466	26,937	44,213	54,362	285,306
Oklahoma	1,409	1,811	2,441	4,745	7,832	12,354	59,387
Oregon	1,104	1,518	2,197	4,431	4,802	6,686	37,257
Pennsylvania	5,242	9,866	17,384	23,082	38,618	46,333	235,635
Rhode Island	335	767	1,541	1,991	2,872	3,416	20,042
South Carolina	502	723	1,408	2,293	5,713	6,899	27,417
South Dakota	232	529	983	1,317	1,785	2,314	11,751
Tennessee	1,234	1,772	3,312	5,827	12,089	16,067	67,301
Texas	7,068	7,366	11,575	16,582	30,037	41,366	211,370
Utah	1,460	2,988	4,442	6,215	9,011	12,393	58,562
Vermont	109	196	357	380	541	576	3,833
Virginia	2,054	3,072	5,427	8,183	14,331	17,179	85,464
Washington	2,296	3,165	4,151	8,883	9,250	12,895	71,952
West Virginia	375	735	1,808	2,668	4,221	5,352	24,807
Wisconsin	2,581	5,006	11,130	14,251	19,744	24,754	126,854
Wyoming	290	754	953	1,270	1,490	1,912	11,576
Total	123,494	196,170	331,166	459,286	697,552	887,119	4,609,670

See footnotes at end of table.

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

(million cubic feet) – continued

State	2015						
	December	November	October	September	August	July	June
Alabama	3,492	2,079	956	710	705	720	765
Alaska	2,683	2,317	1,429	1,040	531	499	589
Arizona	6,665	3,133	1,345	1,080	978	1,065	1,320
Arkansas	4,259	2,357	794	585	556	598	666
California	73,056	44,392	19,235	17,032	17,399	18,932	20,889
Colorado	22,545	16,187	5,800	2,924	2,403	2,633	3,115
Connecticut	4,749	3,846	2,101	948	970	1,089	1,330
Delaware	1,049	772	406	168	178	175	194
District of Columbia	1,456	994	567	276	262	264	256
Florida	1,425	1,204	1,070	626	628	824	859
Georgia	11,963	10,264	5,883	3,800	3,751	3,663	3,679
Hawaii	47	44	44	41	43	45	46
Idaho	4,842	3,704	1,017	652	367	494	521
Illinois	50,976	36,127	18,138	8,118	7,790	7,959	9,419
Indiana	16,792	11,707	5,768	2,419	2,008	2,172	2,309
Iowa	9,058	5,499	2,408	1,280	1,052	1,189	1,394
Kansas	8,784	5,493	2,143	1,569	1,418	1,132	1,357
Kentucky	5,853	4,167	1,640	885	889	899	900
Louisiana	3,679	2,331	1,503	1,326	1,178	1,266	1,260
Maine	315	246	145	48	48	49	71
Maryland	8,376	6,235	3,881	1,542	1,580	1,657	1,783
Massachusetts	12,658	9,466	5,833	2,486	2,463	2,641	3,330
Michigan	35,475	28,390	16,422	6,006	5,872	5,572	6,616
Minnesota	17,835	10,603	5,140	2,331	2,553	2,292	2,435
Mississippi	2,448	1,833	833	728	589	620	652
Missouri	12,940	7,731	3,096	1,646	1,729	1,595	1,807
Montana	3,263	2,636	1,042	494	379	382	401
Nebraska	5,620	2,921	1,081	683	695	809	971
Nevada	7,344	4,218	1,449	1,228	1,189	1,120	1,497
New Hampshire	884	680	251	153	146	151	186
New Jersey	22,176	16,145	8,928	4,507	4,589	5,481	6,160
New Mexico	6,207	3,759	1,247	829	840	808	1,262
New York	44,300	33,879	20,673	10,201	10,144	10,330	13,068
North Carolina	6,836	6,169	2,737	1,092	1,214	1,016	1,123
North Dakota	1,698	1,060	509	199	209	168	205
Ohio	30,726	22,078	12,188	4,677	4,717	5,012	6,095
Oklahoma	9,335	5,700	1,814	1,240	1,227	1,204	1,327
Oregon	6,962	5,748	1,772	1,195	825	844	968
Pennsylvania	24,488	18,219	11,556	4,796	4,062	4,148	5,380
Rhode Island	1,952	1,632	1,063	391	404	437	498
South Carolina	3,019	2,374	1,032	549	513	502	496
South Dakota	2,016	1,174	478	228	219	190	278
Tennessee	7,707	4,810	1,967	1,155	995	1,033	1,201
Texas	28,032	11,027	6,334	5,401	4,874	6,479	6,360
Utah	12,346	8,345	2,015	1,329	1,555	1,634	1,958
Vermont	402	294	168	81	74	89	107
Virginia	8,151	6,455	3,540	1,903	1,475	1,526	1,649
Washington	12,477	11,223	4,202	2,615	1,638	1,701	1,916
West Virginia	2,449	2,120	1,235	385	337	243	416
Wisconsin	16,449	11,077	6,091	2,502	2,310	2,478	2,481
Wyoming	2,277	1,489	437	300	199	244	410
Total	590,535	406,355	201,405	108,401	102,770	108,073	123,975

See footnotes at end of table.

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

State	2015				
	May	April	March	February	January
Alabama	1,111	1,694	3,858	8,542	8,077
Alaska	883	1,473	2,174	2,212	2,743
Arizona	1,820	2,191	3,200	4,275	7,435
Arkansas	941	1,631	4,838	7,706	8,067
California	27,358	29,622	32,140	40,902	60,216
Colorado	7,343	8,503	12,871	16,449	21,591
Connecticut	2,112	4,766	8,749	10,279	10,035
Delaware	289	754	2,076	2,533	2,665
District of Columbia	456	866	2,046	2,886	3,166
Florida	924	1,217	1,364	2,443	2,459
Georgia	4,354	5,538	12,196	26,722	26,213
Hawaii	46	54	51	52	60
Idaho	900	1,736	2,203	2,701	4,346
Illinois	13,194	26,783	54,278	85,540	82,554
Indiana	3,713	8,643	18,560	29,649	29,303
Iowa	2,157	4,112	7,953	13,543	13,094
Kansas	1,823	2,487	7,202	11,373	12,628
Kentucky	1,217	2,309	7,078	12,025	11,564
Louisiana	1,642	1,842	4,242	7,405	8,372
Maine	95	224	404	529	526
Maryland	2,200	4,975	12,967	19,141	18,521
Massachusetts	4,364	10,124	20,986	26,240	26,072
Michigan	10,476	22,109	42,465	68,402	64,293
Minnesota	3,958	8,177	15,010	23,783	23,468
Mississippi	718	1,060	3,058	4,909	5,799
Missouri	2,514	6,206	15,779	20,729	19,731
Montana	903	1,448	1,947	2,604	3,296
Nebraska	1,343	2,137	4,219	6,971	7,214
Nevada	1,901	2,366	3,384	4,287	7,046
New Hampshire	244	596	1,197	1,665	1,691
New Jersey	8,995	21,273	41,241	50,550	47,059
New Mexico	1,572	1,919	3,422	5,014	6,249
New York	18,250	36,469	74,728	91,104	89,003
North Carolina	1,308	2,814	7,387	17,363	15,464
North Dakota	447	720	1,277	2,055	2,006
Ohio	9,819	22,267	47,720	61,207	58,799
Oklahoma	1,936	2,647	6,954	12,791	13,212
Oregon	1,703	3,258	3,543	4,187	6,251
Pennsylvania	7,625	17,156	37,960	51,850	48,396
Rhode Island	577	1,426	3,296	4,154	4,211
South Carolina	687	1,066	3,183	7,065	6,930
South Dakota	508	783	1,358	2,162	2,357
Tennessee	1,606	3,087	9,120	18,019	16,601
Texas	6,857	10,986	34,512	36,889	53,619
Utah	3,129	4,515	5,112	6,449	10,176
Vermont	156	367	610	760	725
Virginia	2,226	4,750	13,596	20,861	19,331
Washington	3,105	5,975	7,229	8,084	11,788
West Virginia	668	1,631	4,563	5,640	5,121
Wisconsin	4,550	9,496	16,213	27,502	25,705
Wyoming	731	888	1,177	1,457	1,966
Total	177,453	319,134	632,699	901,656	937,215

^R Revised data.

^{NA} Not available.

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

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

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

(million cubic feet)

State	2017	2016	2015	2017			
	4-Month YTD	4-Month YTD	4-Month YTD	April	March	February	January
Alabama	NA	11,041	12,696	NA	2,332	2,130	3,049
Alaska	8,133	6,721	8,280	1,311	2,229	2,053	2,540
Arizona	12,922	13,071	12,268	2,542	2,951	3,414	4,015
Arkansas	18,171	18,990	22,918	3,023	4,374	4,501	6,273
California	88,746	85,369	81,590	17,095	19,777	22,196	29,678
Colorado	25,126	27,308	25,339	4,077	5,262	6,262	9,526
Connecticut	25,136	23,531	28,297	3,888	7,156	6,449	7,643
Delaware	5,806	5,708	6,403	747	1,685	1,497	1,877
District of Columbia	6,188	7,387	8,884	1,005	1,695	1,512	R1,976
Florida	22,248	23,138	23,822	5,152	5,684	5,299	6,113
Georgia	20,760	26,119	29,082	2,827	5,435	5,207	7,290
Hawaii	687	634	669	164	173	164	185
Idaho	9,244	7,557	7,170	1,329	1,738	2,454	3,722
Illinois	99,285	103,713	120,812	13,523	25,916	24,483	35,362
Indiana	34,769	37,127	45,817	4,422	9,273	8,358	12,716
Iowa	23,439	24,248	26,743	3,333	5,900	6,107	8,099
Kansas	13,907	14,503	14,932	2,243	3,110	3,252	5,302
Kentucky	14,865	17,339	20,920	1,673	3,915	3,848	5,429
Louisiana	10,639	11,989	12,421	2,160	2,718	2,436	3,326
Maine	4,540	4,403	5,578	712	1,310	1,184	1,334
Maryland	31,383	32,733	38,250	4,182	9,098	7,919	R10,185
Massachusetts	48,761	46,889	58,683	6,961	14,836	12,447	14,517
Michigan	81,457	84,600	100,013	11,447	22,291	21,159	26,560
Minnesota	50,066	48,909	52,369	7,534	12,420	13,013	17,100
Mississippi	6,887	7,902	9,602	1,001	1,786	1,713	2,387
Missouri	NA	28,843	35,040	3,319	6,388	NA	10,356
Montana	11,382	9,438	9,236	1,721	2,491	3,046	4,122
Nebraska	14,359	13,077	15,000	2,214	3,301	3,989	4,856
Nevada	13,614	12,868	11,772	2,573	3,061	3,493	4,488
New Hampshire	4,840	4,633	6,058	592	1,509	1,222	1,517
New Jersey	NA	71,255	94,418	9,544	21,049	18,731	NA
New Mexico	10,077	10,838	10,480	1,715	1,952	2,471	3,939
New York	142,542	140,141	166,710	21,667	41,604	36,941	42,331
North Carolina	21,725	26,456	28,078	2,955	6,129	5,111	7,530
North Dakota	6,635	6,068	6,816	903	1,667	1,725	2,339
Ohio	72,351	80,558	103,086	8,294	20,490	18,409	25,158
Oklahoma	17,479	18,172	22,383	2,422	3,537	4,423	7,097
Oregon	15,669	11,787	11,165	2,452	R3,299	R4,087	R5,831
Pennsylvania	72,504	74,682	89,362	9,279	20,680	19,185	23,360
Rhode Island	6,116	6,023	7,760	769	1,932	1,529	1,887
South Carolina	8,940	10,716	10,920	1,501	2,505	2,125	2,810
South Dakota	5,235	5,222	5,462	696	1,321	1,242	1,975
Tennessee	20,557	25,187	29,270	2,574	5,373	5,281	7,329
Texas	NA	70,799	82,987	12,319	14,777	NA	NA
Utah	18,488	18,945	15,630	3,089	3,331	4,490	7,579
Vermont	2,669	NA	2,744	379	782	685	822
Virginia	28,483	32,252	37,452	4,160	7,851	7,147	9,325
Washington	27,924	21,760	21,085	4,724	6,357	7,402	9,440
West Virginia	9,544	10,648	12,251	1,508	2,647	2,438	2,950
Wisconsin	43,561	44,501	51,832	6,280	11,180	10,810	15,292
Wyoming	NA	5,927	5,699	NA	1,718	1,922	2,431
Total	1,422,070	1,454,377	1,666,254	212,430	R369,995	R361,096	R478,549

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016						
	Total	December	November	October	September	August	July
Alabama	23,711	3,336	2,290	1,515	1,036	1,053	1,015
Alaska	15,948	2,277	1,985	1,403	864	642	566
Arizona	30,725	3,630	2,643	1,985	1,792	1,759	1,771
Arkansas	45,267	6,208	4,004	3,056	2,639	2,571	2,433
California	235,267	28,663	22,150	17,177	16,573	17,531	15,553
Colorado	54,176	9,058	5,136	2,751	1,815	1,503	1,647
Connecticut	51,828	7,325	4,997	3,279	2,543	2,541	2,521
Delaware	12,832	1,939	1,309	898	620	588	540
District of Columbia	R15,240	R1,958	1,536	875	657	681	670
Florida	61,039	5,757	5,137	4,604	4,452	4,189	4,538
Georgia	51,896	7,729	4,656	2,608	2,113	2,083	2,045
Hawaii	1,926	170	165	162	171	163	155
Idaho	17,316	3,221	1,632	1,245	798	701	657
Illinois	209,624	34,525	17,156	12,531	8,174	7,896	7,882
Indiana	74,325	13,461	6,439	4,377	2,748	2,515	2,116
Iowa	48,628	8,277	4,136	2,937	1,790	1,806	1,738
Kansas	31,546	5,369	2,432	1,786	1,402	1,429	1,371
Kentucky	34,104	6,038	3,045	1,720	1,187	1,137	1,069
Louisiana	30,340	3,542	2,572	2,192	1,964	2,071	1,882
Maine	NA	1,305	776	526	NA	279	294
Maryland	R69,367	R9,575	6,787	4,106	3,179	2,896	2,823
Massachusetts	99,142	14,636	9,770	6,940	4,187	3,980	3,715
Michigan	161,569	25,089	13,434	8,386	5,464	5,284	5,093
Minnesota	93,812	14,977	8,140	5,463	2,987	2,877	2,709
Mississippi	18,341	2,400	1,632	1,111	1,001	985	930
Missouri	59,444	10,500	5,711	3,079	2,067	2,211	2,128
Montana	21,711	4,021	2,279	1,585	951	756	745
Nebraska	26,475	4,802	2,296	1,236	937	913	942
Nevada	30,730	3,952	2,606	2,126	1,813	1,701	1,748
New Hampshire	8,766	1,530	918	376	241	209	206
New Jersey	157,393	24,251	12,040	8,115	7,542	8,440	8,390
New Mexico	25,745	4,108	3,440	1,583	1,208	1,086	1,041
New York	310,064	40,704	27,805	21,085	15,423	16,633	16,016
North Carolina	56,592	7,565	5,369	3,403	2,826	2,826	2,617
North Dakota	12,023	2,387	1,051	810	363	305	308
Ohio	152,943	24,229	14,644	8,588	4,917	4,931	4,220
Oklahoma	38,626	6,979	3,002	1,991	1,684	1,646	1,495
Oregon	R26,132	R4,930	R2,458	R1,901	R1,045	R679	1,026
Pennsylvania	148,756	23,834	14,846	8,847	5,067	4,814	4,553
Rhode Island	10,869	1,864	1,031	578	236	169	176
South Carolina	24,191	2,895	2,470	1,619	1,309	1,325	1,157
South Dakota	10,510	1,982	970	594	351	300	301
Tennessee	52,082	8,391	4,929	2,663	2,141	2,052	2,035
Texas	NA	20,140	13,071	10,754	10,095	10,092	10,294
Utah	38,760	6,977	4,188	1,955	1,347	1,028	1,235
Vermont	NA	834	567	489	348	350	345
Virginia	R67,366	R8,352	7,385	4,444	2,936	2,664	2,646
Washington	51,139	8,615	4,767	3,790	2,494	2,176	2,268
West Virginia	22,390	3,109	2,051	1,336	994	1,001	1,059
Wisconsin	87,802	14,479	7,348	4,834	3,110	3,029	2,838
Wyoming	12,641	2,136	1,185	801	522	442	413
Total	R3,123,256	R464,030	R282,387	R192,215	R142,425	R140,941	135,936

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016						2015
	June	May	April	March	February	January	Total
Alabama	1,180	1,244	1,497	1,825	3,106	4,613	24,915
Alaska	664	825	1,195	1,664	1,752	2,110	18,472
Arizona	1,910	2,165	2,460	2,770	3,398	4,443	30,528
Arkansas	2,529	2,837	3,099	4,174	5,497	6,220	47,651
California	15,889	16,362	17,097	20,403	21,311	26,558	235,787
Colorado	1,838	3,121	4,598	6,179	7,263	9,269	54,004
Connecticut	2,175	2,917	3,862	5,272	7,021	7,376	52,453
Delaware	535	695	934	1,113	1,658	2,003	11,731
District of Columbia	623	854	1,190	1,264	2,405	2,528	17,113
Florida	4,450	4,774	5,164	5,543	6,001	6,429	62,754
Georgia	2,078	2,465	3,237	4,427	7,996	10,458	53,712
Hawaii	154	151	162	157	155	159	1,908
Idaho	653	851	993	1,706	2,077	2,782	16,708
Illinois	7,251	10,496	15,803	21,382	30,584	35,945	215,218
Indiana	2,215	3,327	5,228	6,579	11,543	13,778	77,526
Iowa	1,586	2,110	3,493	4,879	7,054	8,822	49,269
Kansas	1,476	1,777	1,906	2,653	4,212	5,732	30,959
Kentucky	1,023	1,545	1,827	3,238	5,517	6,758	35,435
Louisiana	1,909	2,219	2,247	2,364	2,921	4,457	29,805
Maine	324	493	789	1,048	1,199	1,367	10,072
Maryland	3,188	4,081	5,411	6,392	9,509	11,422	70,199
Massachusetts	3,621	5,404	8,350	10,080	13,214	15,244	105,397
Michigan	5,515	8,703	14,623	18,781	24,800	26,396	168,360
Minnesota	3,116	4,634	7,387	10,400	14,300	16,822	93,004
Mississippi	1,173	1,207	1,032	1,453	2,237	3,179	19,697
Missouri	2,122	2,782	3,376	5,431	8,887	11,150	61,388
Montana	778	1,158	1,488	2,272	2,434	3,244	19,364
Nebraska	1,029	1,243	1,783	2,518	3,775	5,001	29,464
Nevada	1,760	2,155	2,390	2,766	3,365	4,348	29,873
New Hampshire	255	398	738	991	1,320	1,584	9,630
New Jersey	8,184	9,176	11,773	15,436	20,511	23,535	163,223
New Mexico	1,152	1,288	1,607	2,265	2,902	4,065	25,038
New York	15,142	17,114	23,655	29,003	40,326	47,157	311,203
North Carolina	2,615	2,915	3,791	4,335	8,013	10,316	55,114
North Dakota	302	430	1,044	1,211	1,659	2,153	12,317
Ohio	4,182	6,674	12,115	14,966	23,559	29,917	166,602
Oklahoma	1,565	2,092	2,215	3,442	5,075	7,439	41,977
Oregon	1,020	1,285	1,752	2,849	3,087	4,099	25,797
Pennsylvania	4,967	7,146	11,041	13,699	22,320	27,622	152,079
Rhode Island	237	555	988	1,261	1,767	2,006	12,016
South Carolina	1,279	1,422	1,885	1,881	3,039	3,910	23,494
South Dakota	304	485	826	1,061	1,405	1,931	10,434
Tennessee	2,032	2,652	2,983	4,369	7,608	10,226	53,041
Texas	NA	10,611	13,184	14,740	19,038	23,837	177,594
Utah	1,075	2,010	2,773	3,970	5,319	6,883	35,772
Vermont	306	286	NA	516	714	899	5,918
Virginia	3,132	3,556	5,145	6,289	9,234	11,584	69,107
Washington	2,441	2,828	3,094	5,496	5,807	7,362	49,967
West Virginia	984	1,208	1,633	2,302	3,018	3,696	22,598
Wisconsin	3,132	4,532	7,133	9,172	13,078	15,118	90,175
Wyoming	406	810	1,043	1,403	1,539	1,941	12,937
Total	138,876	172,069	233,566	299,391	415,528	505,892	3,198,797

See footnotes at end of table.

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

(million cubic feet) – continued

State	2015						
	December	November	October	September	August	July	June
Alabama	2,398	2,348	1,534	1,190	1,136	1,106	1,103
Alaska	2,469	2,028	1,393	1,202	717	662	574
Arizona	4,130	3,014	1,918	1,708	1,650	1,758	1,878
Arkansas	4,918	4,033	3,163	2,654	2,517	2,388	2,405
California	29,483	26,091	16,134	15,078	16,351	15,782	16,147
Colorado	9,189	6,639	2,795	1,647	1,409	1,522	1,954
Connecticut	4,915	4,024	3,080	2,515	2,451	2,321	2,239
Delaware	1,234	1,117	852	453	429	393	429
District of Columbia	1,611	1,563	1,230	798	770	712	821
Florida	5,584	5,144	4,936	4,382	4,589	4,671	4,863
Georgia	5,192	4,701	3,163	2,420	2,275	2,161	2,093
Hawaii	167	148	152	153	156	159	154
Idaho	2,812	2,140	1,102	718	603	627	685
Illinois	24,423	18,019	12,469	7,827	7,840	7,358	7,293
Indiana	8,323	6,374	4,687	2,765	2,171	2,356	2,308
Iowa	6,378	4,268	3,109	1,752	1,499	1,600	1,807
Kansas	4,058	2,487	2,132	1,610	1,796	1,428	1,076
Kentucky	3,735	3,061	1,788	1,208	1,205	1,192	1,125
Louisiana	2,872	2,697	2,213	2,141	1,839	1,745	1,840
Maine	1,006	816	597	435	428	417	407
Maryland	6,638	5,903	4,720	2,962	2,986	2,943	2,840
Massachusetts	10,010	9,181	7,315	3,981	3,877	3,892	4,042
Michigan	17,807	13,062	9,169	5,182	5,372	5,034	5,423
Minnesota	12,435	8,304	5,158	2,760	2,884	2,516	2,609
Mississippi	1,800	1,741	1,302	1,167	1,045	960	1,013
Missouri	7,357	5,298	3,331	2,112	2,161	1,881	1,840
Montana	3,082	2,486	1,149	682	577	590	579
Nebraska	4,117	2,718	1,616	964	1,044	1,264	1,281
Nevada	4,045	3,114	1,977	1,674	1,722	1,610	1,839
New Hampshire	1,050	850	389	240	233	229	274
New Jersey	13,604	11,164	8,406	7,123	7,173	7,475	6,556
New Mexico	4,115	3,137	1,608	1,053	1,068	980	1,240
New York	28,986	24,516	19,000	14,007	14,826	14,458	13,026
North Carolina	4,403	5,334	4,116	2,889	2,452	2,487	2,867
North Dakota	1,799	1,208	664	320	310	307	313
Ohio	16,202	12,682	9,078	4,465	4,716	4,679	5,217
Oklahoma	5,631	3,757	2,030	1,599	1,565	1,530	1,541
Oregon	4,191	3,351	1,510	1,184	923	942	981
Pennsylvania	14,838	12,872	9,859	5,196	4,641	4,390	5,154
Rhode Island	1,132	1,030	638	247	253	262	309
South Carolina	1,873	2,099	1,795	1,356	1,365	1,301	1,285
South Dakota	1,546	1,114	565	312	310	305	323
Tennessee	5,191	4,634	3,032	2,225	2,057	2,039	2,141
Texas	19,098	13,847	10,634	9,727	9,512	10,752	10,723
Utah	6,958	4,785	1,491	1,003	1,170	1,181	1,387
Vermont	583	554	520	334	316	340	323
Virginia	6,201	6,155	4,889	3,592	2,646	2,716	2,644
Washington	7,685	6,044	3,220	2,521	1,995	2,068	2,407
West Virginia	2,014	1,928	1,551	1,110	853	984	798
Wisconsin	10,348	7,772	4,983	2,866	2,963	2,781	2,840
Wyoming	2,395	1,637	604	503	298	422	461
Total	352,031	282,990	194,764	138,010	135,142	133,678	135,477

See footnotes at end of table.

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

State	2015				
	May	April	March	February	January
Alabama	1,405	1,432	2,127	4,665	4,471
Alaska	1,147	1,548	2,268	1,992	2,473
Arizona	2,203	2,422	2,785	3,082	3,980
Arkansas	2,654	3,183	5,328	7,068	7,338
California	19,132	18,079	18,893	19,598	25,200
Colorado	3,510	3,872	5,458	7,069	8,940
Connecticut	2,611	4,444	7,321	8,272	8,259
Delaware	422	770	1,504	2,097	2,031
District of Columbia	725	1,010	2,184	2,648	3,043
Florida	4,762	5,286	5,629	6,332	6,575
Georgia	2,624	3,296	5,476	10,128	10,181
Hawaii	151	168	165	157	179
Idaho	850	1,235	1,477	1,770	2,687
Illinois	9,179	15,102	27,346	39,507	38,856
Indiana	2,725	5,093	9,951	15,388	15,385
Iowa	2,113	3,165	5,812	9,123	8,643
Kansas	1,439	1,588	3,180	4,868	5,296
Kentucky	1,202	1,739	4,345	7,562	7,275
Louisiana	2,037	2,001	2,514	3,680	4,226
Maine	389	833	1,405	1,665	1,676
Maryland	2,956	4,954	9,783	11,814	11,699
Massachusetts	4,417	7,679	14,537	18,252	18,214
Michigan	7,299	13,744	23,965	31,717	30,587
Minnesota	3,970	6,599	11,399	17,900	16,471
Mississippi	1,066	1,129	2,144	3,003	3,327
Missouri	2,368	4,330	8,620	11,594	10,496
Montana	981	1,394	2,045	2,568	3,229
Nebraska	1,460	1,957	3,127	4,904	5,012
Nevada	2,119	2,411	2,642	2,902	3,817
New Hampshire	308	673	1,455	1,955	1,975
New Jersey	7,304	15,286	22,572	28,279	28,280
New Mexico	1,356	1,488	2,093	3,063	3,836
New York	15,674	22,349	41,823	50,725	51,813
North Carolina	2,488	3,421	5,408	10,110	9,139
North Dakota	580	833	1,491	2,229	2,264
Ohio	6,476	12,865	24,200	33,326	32,696
Oklahoma	1,940	2,349	4,767	7,445	7,823
Oregon	1,551	2,209	2,391	2,791	3,774
Pennsylvania	5,766	10,552	21,189	29,766	27,856
Rhode Island	385	872	1,949	2,477	2,463
South Carolina	1,500	1,568	2,129	3,650	3,572
South Dakota	498	672	1,103	1,771	1,916
Tennessee	2,453	2,928	5,637	10,805	9,900
Texas	10,314	12,752	20,618	21,963	27,654
Utah	2,168	3,027	3,004	3,979	5,620
Vermont	204	370	675	810	889
Virginia	2,813	4,015	8,607	12,727	12,102
Washington	2,942	4,172	4,779	5,305	6,829
West Virginia	1,107	1,707	3,122	3,798	3,624
Wisconsin	3,791	6,601	11,827	16,777	16,627
Wyoming	919	986	1,196	1,603	1,913
Total	160,452	232,156	385,467	516,680	531,951

^R Revised data.

^{NA} Not available.

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

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

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

(million cubic feet)

State	2017	2016	2015	2017			
	4-Month YTD	4-Month YTD	4-Month YTD	April	March	February	January
Alabama	65,316	67,198	64,355	15,566	17,067	15,193	17,491
Alaska	1,063	1,142	1,781	237	281	259	286
Arizona	7,224	7,109	7,301	1,593	1,761	1,793	2,078
Arkansas	28,951	28,487	31,499	6,668	7,114	7,110	8,059
California	243,379	246,634	249,023	60,091	62,688	56,613	63,988
Colorado	32,052	31,222	30,329	6,888	7,565	7,647	9,951
Connecticut	9,327	9,425	10,723	1,845	2,629	2,213	2,640
Delaware	NA	10,469	11,683	NA	2,353	2,657	2,888
District of Columbia	0	0	0	0	0	0	0
Florida	35,428	36,324	33,777	8,287	9,164	8,160	9,817
Georgia	52,159	54,153	53,648	11,981	13,984	12,526	13,668
Hawaii	178	174	135	42	47	42	48
Idaho ^a	13,179	12,661	9,906	2,819	3,183	3,276	3,901
Illinois	92,803	97,228	102,276	19,816	23,439	22,641	26,907
Indiana	131,374	136,100	140,292	29,610	33,772	31,544	36,448
Iowa	75,847	62,330	63,344	18,120	19,988	18,125	19,614
Kansas	39,070	39,022	37,946	8,971	*9,738	9,017	^R 11,343
Kentucky	40,947	42,767	44,386	9,072	10,486	9,904	11,485
Louisiana	NA	343,835	311,543	87,407	89,796	82,009	NA
Maine	6,213	NA	8,182	1,375	1,595	1,534	1,709
Maryland	5,337	5,509	5,424	1,019	1,540	1,280	1,497
Massachusetts	20,075	19,215	21,387	4,122	5,428	4,995	5,531
Michigan	66,331	68,630	72,138	13,101	17,606	16,457	19,166
Minnesota	59,522	61,316	60,965	13,663	14,831	14,655	16,372
Mississippi	43,562	39,643	40,929	10,796	11,140	10,396	11,231
Missouri	NA	24,664	26,083	5,024	5,926	NA	NA
Montana	6,429	NA	7,242	1,261	1,628	1,620	1,920
Nebraska	29,715	26,168	28,666	7,022	7,358	7,608	7,728
Nevada	6,537	6,138	6,105	1,525	1,673	1,519	1,820
New Hampshire	3,059	NA	3,330	733	781	782	763
New Jersey	NA	20,582	21,803	NA	NA	4,997	5,436
New Mexico	NA	5,678	6,339	NA	NA	1,243	1,547
New York	31,021	31,487	35,645	6,469	8,343	7,634	8,576
North Carolina	36,261	38,441	38,187	8,294	9,643	8,674	9,650
North Dakota	11,403	9,799	10,874	2,938	3,089	2,402	2,973
Ohio	104,987	105,466	113,123	22,640	26,995	26,065	29,288
Oklahoma	68,611	66,040	64,216	17,206	17,894	15,546	17,966
Oregon	20,509	19,302	19,591	4,675	^R 5,092	^R 4,978	^R 5,764
Pennsylvania	77,249	77,364	91,709	16,851	20,727	18,755	20,916
Rhode Island	NA	3,018	3,162	799	716	NA	806
South Carolina	30,322	29,831	28,332	7,140	7,985	7,162	8,036
South Dakota	15,896	15,477	15,420	3,777	3,809	4,066	4,244
Tennessee	46,597	42,962	42,931	10,600	11,878	11,608	12,512
Texas	NA	546,858	526,197	130,659	140,415	131,076	NA
Utah	14,459	14,117	13,313	3,481	3,390	3,810	3,779
Vermont	800	819	757	167	215	196	222
Virginia	NA	30,482	28,670	7,825	NA	^R 7,032	7,740
Washington	28,222	27,660	26,581	6,250	6,991	6,836	8,145
West Virginia	12,209	10,504	10,284	2,567	3,225	3,013	3,403
Wisconsin	56,883	54,965	55,332	11,632	14,930	13,681	16,639
Wyoming	18,187	16,791	16,214	4,341	^R 4,675	^R 4,363	4,809
Total	2,680,711	2,662,004	2,653,080	623,134	^R689,297	^R641,334	^R726,945

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016						
	Total	December	November	October	September	August	July
Alabama	189,066	16,700	15,247	14,849	13,993	14,623	14,695
Alaska	4,268	466	493	538	436	261	307
Arizona	19,762	1,914	1,647	1,664	1,576	1,384	1,335
Arkansas	81,066	7,842	6,981	6,497	6,313	6,469	6,029
California	772,366	66,309	62,744	63,617	68,647	72,567	66,296
Colorado	81,068	9,511	7,271	6,154	5,217	5,298	5,168
Connecticut	24,743	2,724	2,256	1,779	1,695	1,766	1,718
Delaware	NA	2,777	NA	2,742	2,659	2,573	2,690
District of Columbia	0	0	0	0	0	0	0
Florida	103,528	9,128	8,608	8,357	8,142	8,409	8,293
Georgia	152,916	13,563	12,720	12,805	11,364	11,760	11,890
Hawaii	542	42	41	43	44	56	54
Idaho ^a	34,782	3,790	3,173	3,119	2,661	2,253	2,525
Illinois	NA	27,278	22,336	20,481	18,672	17,648	NA
Indiana	370,734	37,397	28,273	24,643	27,073	27,950	29,030
Iowa	187,987	20,033	18,342	16,267	14,106	14,383	14,264
Kansas	114,795	11,764	9,145	8,448	7,741	11,262	10,236
Kentucky	115,334	11,102	10,040	9,012	8,211	8,590	8,181
Louisiana	1,039,701	93,159	87,364	84,902	83,892	86,726	87,948
Maine	NA	1,460	1,350	1,634	1,522	1,530	1,511
Maryland	NA	NA	1,124	1,256	978	1,183	1,196
Massachusetts	44,896	5,115	4,138	3,271	2,450	2,376	2,431
Michigan	173,140	18,529	14,628	13,284	12,206	11,525	10,796
Minnesota	161,967	15,909	13,695	11,955	10,822	12,027	12,140
Mississippi	116,053	10,723	9,927	8,328	8,686	9,565	9,583
Missouri	NA	6,789	5,300	NA	4,666	4,336	4,489
Montana	NA	1,927	2,209	NA	NA	NA	NA
Nebraska	87,938	8,105	8,026	7,797	7,380	8,856	8,163
Nevada	NA	NA	1,523	1,635	NA	NA	NA
New Hampshire	NA	728	685	616	586	551	558
New Jersey	63,578	5,587	4,674	5,614	5,377	5,733	6,005
New Mexico	16,165	1,529	1,398	1,325	1,237	1,214	1,257
New York	81,684	8,814	7,179	6,491	5,650	5,897	5,510
North Carolina	105,636	9,641	8,950	8,636	7,710	8,381	7,751
North Dakota	31,340	2,625	3,068	3,185	2,853	2,040	2,197
Ohio	277,927	27,932	23,646	21,566	19,514	19,074	19,309
Oklahoma	192,349	17,580	15,453	14,985	13,805	15,640	15,809
Oregon	^R 54,533	^R 5,387	^R 4,489	^R 4,645	^R 4,219	^R 4,095	^R 4,016
Pennsylvania	209,336	20,384	19,228	17,129	14,675	16,036	14,622
Rhode Island	8,474	734	677	694	742	662	605
South Carolina	87,105	7,864	7,759	7,074	6,780	6,820	6,691
South Dakota	44,559	4,107	3,952	3,564	3,535	3,660	3,400
Tennessee	122,540	12,126	10,505	9,963	9,315	9,598	9,264
Texas	NA	156,777	142,307	139,331	139,062	NA	NA
Utah	38,568	3,460	3,201	3,130	2,995	2,735	2,822
Vermont	2,172	217	199	185	153	140	140
Virginia	89,149	7,677	7,555	6,462	7,536	7,461	7,398
Washington	79,274	7,906	6,688	7,137	6,413	5,965	6,014
West Virginia	33,710	3,519	3,406	3,159	2,847	2,706	2,832
Wisconsin	143,209	15,836	12,337	11,267	9,824	9,963	9,224
Wyoming	51,372	5,032	4,803	4,522	3,904	4,187	4,158
Total	^R7,719,259	^R732,985	^R653,335	^R622,197	^R603,308	^R626,828	^R616,097

See footnotes at end of table.

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

State	2016						2015
	June	May	April	March	February	January	Total
Alabama	15,147	16,613	15,753	16,568	16,396	18,481	186,954
Alaska	363	261	183	237	243	479	4,864
Arizona	1,542	1,591	1,577	1,709	1,793	2,031	20,402
Arkansas	6,028	6,420	6,512	6,968	7,081	7,925	85,287
California	62,499	63,054	61,348	62,467	58,716	64,102	777,104
Colorado	5,034	6,193	6,680	7,599	7,760	9,184	78,694
Connecticut	1,633	1,747	1,958	2,083	2,566	2,817	25,612
Delaware	2,335	2,643	2,464	2,666	2,517	2,821	33,126
District of Columbia	0	0	0	0	0	0	0
Florida	7,650	8,617	9,093	9,148	8,667	9,416	96,124
Georgia	11,941	12,721	12,435	13,481	13,859	14,377	157,936
Hawaii	41	47	42	41	44	47	442
Idaho	2,137	2,463	2,494	3,186	3,335	3,647	31,664
Illinois	NA	18,796	20,311	23,292	25,696	27,930	265,900
Indiana	29,040	31,227	31,464	33,813	34,110	36,713	372,537
Iowa	14,033	14,229	13,908	15,725	15,766	16,930	178,772
Kansas	8,637	8,540	8,657	9,567	9,884	10,916	111,016
Kentucky	8,249	9,181	9,458	10,363	10,922	12,025	115,956
Louisiana	84,591	87,285	85,108	87,558	81,450	89,718	948,918
Maine	NA	NA	NA	NA	NA	NA	20,972
Maryland	1,042	1,179	1,239	1,519	1,428	1,322	14,765
Massachusetts	2,790	3,111	4,072	4,478	5,187	5,478	44,554
Michigan	11,431	12,111	14,685	16,587	18,218	19,140	171,196
Minnesota	11,660	12,443	13,275	15,479	15,288	17,274	157,400
Mississippi	9,833	9,766	9,641	9,093	10,101	10,807	121,866
Missouri	4,421	4,993	4,977	5,597	7,176	6,914	65,691
Montana	NA	1,723	NA	NA	1,918	2,136	21,152
Nebraska	6,885	6,557	6,363	6,496	6,311	6,998	85,604
Nevada	1,433	1,483	1,518	1,562	1,448	1,609	17,724
New Hampshire	NA	NA	NA	NA	NA	826	8,386
New Jersey	5,472	4,533	5,007	4,351	4,929	6,294	55,368
New Mexico	1,225	1,302	1,234	1,443	1,454	1,547	17,937
New York	5,441	5,215	7,067	7,901	8,332	8,187	83,055
North Carolina	7,678	8,450	8,646	9,211	10,069	10,515	105,103
North Dakota	2,773	2,800	2,094	2,668	2,278	2,759	31,660
Ohio	19,851	21,570	23,038	25,038	27,438	29,952	276,004
Oklahoma	15,702	17,335	16,366	16,456	15,430	17,788	184,627
Oregon	4,047	4,334	4,365	4,815	4,718	5,404	54,931
Pennsylvania	14,377	15,523	17,350	18,968	20,231	20,816	241,287
Rhode Island	652	691	728	760	799	730	8,624
South Carolina	6,927	7,360	7,376	7,449	7,198	7,808	84,405
South Dakota	3,385	3,479	3,644	3,785	3,932	4,116	44,094
Tennessee	9,467	9,340	9,521	10,126	11,145	12,169	114,673
Texas	130,406	130,670	128,883	139,966	133,542	144,468	1,599,279
Utah	3,036	3,073	3,569	3,376	3,600	3,571	37,189
Vermont	151	167	192	204	204	220	2,040
Virginia	7,196	7,382	7,181	7,482	7,185	8,633	86,817
Washington	5,732	5,760	6,305	6,605	6,792	7,958	76,600
West Virginia	2,530	2,205	2,306	2,677	2,718	2,804	25,901
Wisconsin	9,691	10,100	11,833	12,944	14,219	15,970	136,709
Wyoming	3,930	4,045	3,943	4,285	4,147	4,416	47,667
Total	659,021	662,485	669,606	666,043	660,547	719,808	7,534,589

See footnotes at end of table.

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

(million cubic feet) – continued

State	2015						
	December	November	October	September	August	July	June
Alabama	15,730	15,157	15,350	14,954	15,369	15,841	14,675
Alaska	422	381	369	345	402	390	376
Arizona	2,029	1,882	1,604	1,446	1,487	1,498	1,512
Arkansas	7,301	7,201	6,903	6,342	6,455	6,434	6,380
California	66,909	63,511	64,415	65,899	71,454	69,807	62,545
Colorado	8,998	7,697	5,866	4,823	5,029	5,033	4,904
Connecticut	2,194	2,010	1,883	1,712	1,804	1,736	1,733
Delaware	3,040	2,682	2,590	2,448	2,636	2,668	2,560
District of Columbia	0	0	0	0	0	0	0
Florida	8,855	7,706	7,928	7,320	7,298	7,605	7,572
Georgia	13,423	13,324	13,742	12,274	12,720	13,006	12,710
Hawaii	36	36	43	37	41	38	44
Idaho	3,399	3,311	3,028	2,561	2,412	2,091	2,359
Illinois	24,502	23,724	20,369	18,722	18,717	19,614	18,206
Indiana	33,407	29,891	28,801	26,669	28,121	28,246	27,518
Iowa	15,802	15,136	15,213	13,428	13,991	13,797	13,627
Kansas	11,367	9,144	8,368	7,999	9,938	10,113	8,377
Kentucky	9,951	9,766	8,847	8,471	8,798	8,438	8,571
Louisiana	85,177	81,583	79,536	77,834	80,573	77,087	75,647
Maine	1,526	1,510	1,670	1,590	1,555	1,591	1,629
Maryland	1,312	1,277	1,252	1,140	927	1,123	1,168
Massachusetts	4,043	4,042	3,051	2,574	2,215	2,265	2,169
Michigan	15,555	14,100	13,319	11,478	11,210	11,139	10,687
Minnesota	15,545	13,674	13,346	11,362	10,324	10,333	10,718
Mississippi	10,513	10,323	11,293	9,900	9,648	9,720	9,896
Missouri	6,158	5,560	4,912	4,551	4,399	4,742	4,629
Montana	2,102	1,939	1,812	1,654	1,901	1,391	1,500
Nebraska	7,161	7,848	7,320	6,508	7,106	7,738	6,459
Nevada	1,467	1,507	1,463	1,470	1,463	1,425	1,386
New Hampshire	743	709	619	605	566	606	611
New Jersey	4,211	4,575	4,156	4,079	4,039	4,218	4,134
New Mexico	1,571	1,613	1,476	1,345	1,434	1,379	1,230
New York	6,684	6,657	6,256	5,594	5,803	5,278	5,363
North Carolina	9,050	8,912	9,045	7,975	8,155	7,855	7,794
North Dakota	2,377	2,951	2,948	2,706	2,519	1,999	2,452
Ohio	23,373	22,474	20,128	18,521	19,080	19,463	19,413
Oklahoma	17,940	17,208	15,900	14,979	13,433	12,256	12,777
Oregon	5,261	4,834	4,377	4,087	4,163	4,014	4,194
Pennsylvania	20,844	19,346	19,056	17,342	17,482	18,103	18,132
Rhode Island	742	669	675	686	673	650	666
South Carolina	7,892	7,360	7,255	6,632	6,762	6,658	6,661
South Dakota	3,872	3,815	3,422	3,438	3,534	3,499	3,571
Tennessee	9,842	9,275	9,189	8,715	8,767	8,573	8,800
Texas	144,705	137,006	131,492	127,538	135,406	133,141	129,478
Utah	3,568	3,083	2,933	2,724	2,755	2,744	2,994
Vermont	188	178	188	150	153	156	137
Virginia	7,186	7,338	7,260	6,752	7,360	7,286	7,320
Washington	7,527	6,991	6,754	6,029	5,638	5,375	5,703
West Virginia	2,430	2,061	1,893	1,717	1,877	1,787	1,948
Wisconsin	12,901	12,329	10,777	9,133	9,153	8,853	8,839
Wyoming	4,626	4,196	3,906	3,644	3,765	3,826	3,817
Total	675,456	639,499	613,999	579,903	600,508	592,628	575,588

See footnotes at end of table.

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

(million cubic feet) – continued

State	2015				
	May	April	March	February	January
Alabama	15,522	14,200	15,980	16,318	17,857
Alaska	397	395	439	450	497
Arizona	1,644	1,659	1,831	1,695	2,115
Arkansas	6,771	7,029	7,921	8,062	8,486
California	63,541	63,109	62,086	57,365	66,464
Colorado	6,015	6,100	7,182	8,094	8,953
Connecticut	1,816	2,082	2,936	2,728	2,978
Delaware	2,819	3,037	3,171	2,494	2,980
District of Columbia	0	0	0	0	0
Florida	8,064	7,994	8,562	8,416	8,804
Georgia	13,089	12,115	13,537	13,192	14,803
Hawaii	31	32	37	28	38
Idaho ^a	2,598	2,322	2,419	2,558	2,607
Illinois	19,770	20,616	24,665	27,785	29,210
Indiana	29,593	29,054	36,014	37,319	37,904
Iowa	14,433	13,906	15,493	16,578	17,368
Kansas	7,763	8,285	8,435	10,152	11,073
Kentucky	8,729	9,650	11,399	11,377	11,960
Louisiana	79,939	76,095	76,843	74,907	83,698
Maine	1,718	1,953	2,186	1,843	2,201
Maryland	1,141	1,135	1,351	1,353	1,584
Massachusetts	2,808	4,049	5,321	6,187	5,830
Michigan	11,570	14,382	17,712	19,139	20,906
Minnesota	11,132	13,355	15,419	15,370	16,822
Mississippi	9,645	9,620	9,986	10,330	10,994
Missouri	4,657	5,116	6,733	7,055	7,179
Montana	1,613	1,612	1,729	1,796	2,105
Nebraska	6,797	6,626	6,395	7,715	7,930
Nevada	1,438	1,558	1,546	1,376	1,625
New Hampshire	598	764	930	812	823
New Jersey	4,154	4,589	5,316	5,557	6,341
New Mexico	1,550	1,597	1,643	1,523	1,575
New York	5,775	7,332	9,508	9,426	9,378
North Carolina	8,132	8,546	9,856	9,375	10,411
North Dakota	2,835	2,510	2,940	2,687	2,736
Ohio	20,431	22,803	28,217	30,802	31,300
Oklahoma	15,918	15,178	15,925	15,213	17,901
Oregon	4,411	4,784	4,824	4,648	5,335
Pennsylvania	19,273	20,078	24,188	23,656	23,787
Rhode Island	701	848	760	826	728
South Carolina	6,852	7,080	7,602	6,083	7,567
South Dakota	3,524	3,706	3,722	3,967	4,025
Tennessee	8,581	9,194	10,716	11,509	11,512
Texas	134,316	129,221	132,504	124,812	139,660
Utah	3,073	3,092	3,152	3,483	3,586
Vermont	134	158	207	176	217
Virginia	7,646	7,711	6,605	6,805	7,550
Washington	6,000	6,193	6,880	6,255	7,253
West Virginia	1,905	2,282	2,716	2,713	2,572
Wisconsin	9,392	10,427	13,617	15,341	15,947
Wyoming	3,673	3,919	4,092	3,733	4,470
Total	603,928	609,100	663,251	661,083	719,645

^a Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components.

^R Revised data.

^{NA} Not available.

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

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

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

(million cubic feet)

State	2017	2016	2015	2017			
	4-Month YTD	4-Month YTD	4-Month YTD	April	March	February	January
Alabama	108,294	120,565	122,333	29,599	30,229	22,970	25,496
Alaska	5,274	7,280	10,690	960	1,294	976	2,044
Arizona	36,500	60,578	42,777	14,145	7,550	5,346	9,459
Arkansas	30,116	37,832	41,350	10,484	9,547	6,362	3,723
California	147,981	182,618	215,177	27,565	32,709	36,916	50,791
Colorado	27,414	30,034	24,163	7,343	6,140	5,661	8,269
Connecticut	33,906	40,491	35,614	7,129	8,124	8,279	10,373
Delaware	9,715	13,043	12,010	2,306	3,394	2,097	1,919
District of Columbia	--	--	--	--	--	--	--
Florida	327,639	357,324	340,685	92,091	88,623	71,285	75,640
Georgia	106,254	114,167	103,039	24,055	26,609	27,229	28,361
Hawaii	--	--	--	--	--	--	--
Idaho	7,122	7,673	4,843	1,441	1,735	1,536	2,410
Illinois	25,144	38,892	22,582	4,653	8,467	6,213	5,811
Indiana	42,317	48,510	46,763	8,499	12,870	9,760	11,188
Iowa	5,523	5,378	4,648	1,667	1,417	906	1,533
Kansas	4,481	3,228	3,580	1,700	1,289	600	891
Kentucky	13,413	19,745	14,270	4,336	4,750	1,869	2,457
Louisiana	75,371	105,587	92,663	21,508	21,645	16,448	15,770
Maine	W	6,363	5,898	W	W	W	W
Maryland	13,260	11,359	6,651	3,772	4,687	2,716	2,084
Massachusetts	56,356	41,624	33,058	14,727	14,894	12,824	13,910
Michigan	58,692	75,318	54,165	13,406	18,453	11,625	15,208
Minnesota	15,625	21,642	14,997	3,334	4,257	3,078	4,957
Mississippi	95,867	109,528	103,944	24,478	28,521	18,076	24,792
Missouri	10,115	12,249	W	2,286	3,215	2,085	2,529
Montana	1,449	W	W	359	369	302	418
Nebraska	W	801	W	W	W	W	W
Nevada	54,219	62,744	55,341	11,948	12,922	13,168	16,181
New Hampshire	7,032	7,699	12,560	3,572	1,464	893	1,104
New Jersey	70,038	93,178	79,323	16,692	22,311	14,037	16,998
New Mexico	21,200	25,096	24,069	4,537	5,244	4,969	6,449
New York	120,477	129,825	133,503	26,293	34,603	27,617	31,964
North Carolina	86,146	100,272	80,421	18,053	24,324	21,817	21,952
North Dakota	2,231	W	W	517	538	504	671
Ohio	55,319	73,528	72,135	11,330	15,458	13,768	14,763
Oklahoma	52,584	75,490	77,190	16,318	12,121	10,375	13,769
Oregon	23,819	30,014	26,001	2,696	3,648	6,185	11,290
Pennsylvania	121,118	138,760	124,937	25,348	32,350	30,087	33,332
Rhode Island	12,931	12,405	9,523	3,378	3,346	2,964	3,244
South Carolina	37,332	34,370	32,115	11,110	9,774	8,753	7,695
South Dakota	W	2,241	W	W	W	321	552
Tennessee	24,164	24,742	20,378	6,053	8,415	4,911	4,785
Texas	358,565	464,957	492,001	98,684	94,308	77,504	88,069
Utah	11,878	18,554	14,640	2,166	2,239	2,636	4,836
Vermont	4	1	9	*	2	1	2
Virginia	92,515	79,649	66,294	19,876	26,635	22,805	23,199
Washington	25,407	24,367	16,632	5,248	5,404	5,229	9,526
West Virginia	W	2,608	1,865	279	W	W	W
Wisconsin	26,414	43,519	31,738	5,929	8,181	5,385	6,919
Wyoming	W	W	W	W	W	W	114
Total	2,470,407	2,921,164	2,742,649	613,895	667,123	550,276	639,113

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016						
	Total	December	November	October	September	August	July
Alabama	415,162	30,859	30,500	31,962	40,587	43,505	44,566
Alaska	22,236	1,753	1,763	1,732	1,952	2,200	2,044
Arizona	255,593	9,577	12,145	20,806	28,593	36,059	36,512
Arkansas	136,368	7,172	10,868	9,109	9,207	16,405	16,341
California	671,152	52,512	51,615	62,951	64,501	79,709	73,374
Colorado	95,419	7,245	5,669	5,848	6,793	10,126	11,675
Connecticut	122,240	9,470	9,797	9,514	9,817	12,137	11,476
Delaware	53,926	2,262	3,572	5,346	5,237	7,089	7,425
District of Columbia	--	--	--	--	--	--	--
Florida	1,180,649	76,560	76,861	96,936	108,803	120,587	122,353
Georgia	379,202	25,859	23,972	26,061	31,785	41,363	43,098
Hawaii	--	--	--	--	--	--	--
Idaho	23,971	1,766	834	1,366	2,671	3,698	2,549
Illinois	146,175	8,363	8,308	11,710	12,872	20,063	23,039
Indiana	158,414	13,562	13,587	11,299	11,936	16,077	15,793
Iowa	20,233	713	575	942	1,249	3,628	3,162
Kansas	20,324	931	1,262	1,356	2,735	2,847	3,163
Kentucky	66,907	5,420	4,211	4,730	5,454	7,597	8,026
Louisiana	330,642	18,790	19,777	22,889	28,503	31,968	38,721
Maine	22,408	815	1,122	1,770	1,834	3,562	3,252
Maryland	49,059	822	570	3,308	5,414	10,307	9,671
Massachusetts	160,044	10,717	8,180	9,495	14,211	21,417	21,351
Michigan	243,612	15,356	16,947	16,857	17,992	31,130	26,034
Minnesota	65,606	2,906	3,268	3,282	3,332	10,302	8,556
Mississippi	367,456	27,475	21,372	27,273	36,326	37,854	39,659
Missouri	51,135	3,601	2,189	3,153	4,845	6,815	7,273
Montana	7,306	W	W	W	618	1,051	885
Nebraska	6,358	196	674	469	291	1,119	1,100
Nevada	209,610	15,951	15,667	15,257	17,112	21,887	22,567
New Hampshire	33,841	2,200	3,078	2,362	3,909	4,582	4,147
New Jersey	327,628	21,684	19,960	27,481	30,078	41,217	39,592
New Mexico	82,929	6,174	5,270	7,211	7,250	8,608	9,227
New York	477,867	33,326	28,853	32,503	45,082	64,329	59,588
North Carolina	293,669	21,708	23,813	18,622	24,204	30,092	29,132
North Dakota	9,347	W	607	691	828	1,315	1,155
Ohio	211,732	15,615	15,568	14,289	18,191	23,086	22,704
Oklahoma	274,388	16,442	20,889	18,559	25,575	29,527	33,632
Oregon	107,069	12,339	7,788	7,767	13,139	14,263	10,464
Pennsylvania	500,656	38,553	38,967	39,512	47,277	57,598	57,177
Rhode Island	46,974	2,844	2,903	2,968	4,439	5,686	5,963
South Carolina	133,130	7,370	13,620	10,992	13,848	14,771	15,788
South Dakota	7,574	272	512	473	556	1,139	1,031
Tennessee	87,680	7,931	3,688	6,423	8,879	10,415	10,109
Texas	1,538,663	90,872	96,452	111,658	144,557	174,935	171,002
Utah	58,008	4,215	3,313	4,019	4,423	6,023	6,322
Vermont	14	2	2	2	3	3	1
Virginia	292,826	20,812	20,785	18,007	27,967	38,099	36,703
Washington	85,403	7,455	4,674	5,017	10,717	12,266	9,735
West Virginia	10,311	164	386	1,662	1,150	686	680
Wisconsin	120,764	6,991	6,628	5,218	8,027	15,103	14,065
Wyoming	1,844	W	W	W	W	W	W
Total	9,983,526	668,757	663,538	741,360	914,908	1,154,593	1,142,161

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016						2015
	June	May	April	March	February	January	Total
Alabama	39,282	33,335	26,636	30,764	29,216	33,949	397,961
Alaska	1,756	1,755	1,645	1,745	1,810	2,080	27,722
Arizona	31,063	20,260	18,623	14,134	12,550	15,271	249,477
Arkansas	17,250	12,184	10,509	12,760	5,899	8,663	108,755
California	63,255	40,618	37,567	37,493	47,121	60,436	816,787
Colorado	10,289	7,741	8,614	7,331	6,294	7,795	92,757
Connecticut	9,275	10,263	11,348	8,938	9,698	10,507	119,305
Delaware	6,001	3,953	4,602	3,856	2,385	2,200	44,725
District of Columbia	--	--	--	--	--	--	--
Florida	114,263	106,961	100,187	90,908	79,470	86,759	1,160,140
Georgia	39,628	33,268	30,528	29,405	25,637	28,597	354,090
Hawaii	--	--	--	--	--	--	--
Idaho	2,006	1,407	628	1,760	2,412	2,873	27,790
Illinois	13,253	9,676	9,615	12,110	8,898	8,269	83,570
Indiana	13,958	13,693	9,428	13,879	11,811	13,392	127,365
Iowa	2,131	2,456	801	1,453	1,485	1,639	17,518
Kansas	3,117	1,685	1,104	947	510	667	16,614
Kentucky	6,732	4,992	4,493	6,026	3,711	5,514	52,015
Louisiana	33,611	30,795	25,600	27,286	24,777	27,924	342,742
Maine	1,770	1,920	1,409	607	1,896	2,451	17,447
Maryland	3,730	3,879	3,569	4,203	2,295	1,292	39,632
Massachusetts	17,569	15,482	11,546	10,627	9,811	9,641	156,492
Michigan	21,500	22,478	23,125	18,916	16,885	16,392	174,770
Minnesota	6,111	6,207	5,853	5,173	5,230	5,386	54,054
Mississippi	36,139	31,831	22,528	26,509	29,688	30,803	331,496
Missouri	6,992	4,019	4,780	2,543	2,547	2,379	40,109
Montana	670	W	W	553	578	636	7,847
Nebraska	1,389	318	463	150	101	87	4,634
Nevada	21,319	17,106	14,939	15,241	14,624	17,941	207,145
New Hampshire	2,854	3,009	3,609	749	1,145	2,196	42,673
New Jersey	30,423	24,014	23,970	24,419	21,012	23,777	290,843
New Mexico	7,704	6,387	6,358	6,092	5,806	6,840	77,947
New York	44,619	39,743	33,273	32,185	30,295	34,071	475,658
North Carolina	23,889	21,936	23,986	28,153	24,825	23,308	268,925
North Dakota	898	688	W	664	726	729	3,671
Ohio	17,398	11,353	16,437	18,110	19,207	19,773	210,460
Oklahoma	31,430	22,843	20,250	17,666	16,020	21,555	254,706
Oregon	7,950	3,346	3,089	7,255	9,330	10,340	113,988
Pennsylvania	47,121	35,691	33,444	36,647	33,433	35,235	439,248
Rhode Island	4,761	5,004	2,937	4,496	2,530	2,442	50,110
South Carolina	12,229	10,143	6,915	9,925	7,877	9,654	135,239
South Dakota	745	605	687	528	570	455	7,083
Tennessee	9,257	6,235	5,147	6,915	6,325	6,355	69,830
Texas	151,685	132,544	117,577	119,869	105,021	122,491	1,646,330
Utah	6,069	5,071	5,259	4,411	4,107	4,778	55,797
Vermont	--	2	*	1	--	*	19
Virginia	29,100	21,704	13,489	20,289	22,753	23,118	243,116
Washington	6,145	5,028	2,787	4,468	7,351	9,761	97,300
West Virginia	1,309	1,666	1,100	1,074	226	208	13,277
Wisconsin	11,524	9,688	9,693	13,267	10,324	10,235	101,211
Wyoming	W	W	W	W	W	W	706
Total	971,342	805,702	721,262	742,605	686,335	770,962	9,671,095

See footnotes at end of table.

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

State	2015						
	December	November	October	September	August	July	June
Alabama	33,249	31,034	31,534	33,356	37,742	39,373	36,860
Alaska	2,336	2,164	2,096	1,863	2,116	2,365	2,311
Arizona	17,515	17,672	24,561	31,091	38,244	33,842	30,537
Arkansas	6,754	5,434	4,130	8,552	12,523	12,805	9,865
California	63,111	59,484	84,917	89,295	91,733	86,319	74,951
Colorado	8,346	9,658	8,172	9,582	10,114	9,620	8,089
Connecticut	11,119	9,814	10,291	10,504	12,188	11,619	9,406
Delaware	2,190	2,330	3,068	4,903	5,119	5,710	4,509
District of Columbia	--	--	--	--	--	--	--
Florida	89,587	91,782	100,028	105,993	113,372	111,305	105,902
Georgia	25,887	27,527	29,598	30,621	35,927	39,940	33,576
Hawaii	--	--	--	--	--	--	--
Idaho	2,840	2,240	2,500	2,930	3,645	3,230	3,481
Illinois	7,753	7,008	6,560	8,788	7,957	11,120	7,075
Indiana	13,305	11,439	8,711	7,942	10,138	10,486	9,343
Iowa	1,623	530	918	1,750	2,364	3,063	1,746
Kansas	804	W	W	1,662	2,353	3,425	1,970
Kentucky	3,312	5,312	6,074	4,867	4,798	6,310	3,656
Louisiana	31,279	29,353	29,252	27,504	33,927	36,977	33,989
Maine	1,427	1,813	2,483	1,538	1,839	1,132	573
Maryland	2,457	3,188	2,959	4,162	4,947	6,571	4,315
Massachusetts	9,618	8,375	13,391	16,586	23,001	22,583	14,822
Michigan	16,664	14,519	15,441	14,817	14,732	17,544	14,362
Minnesota	5,725	3,113	3,400	6,416	6,314	7,274	4,664
Mississippi	25,574	25,741	23,923	26,810	32,206	34,848	32,210
Missouri	2,899	2,409	1,850	3,641	5,682	6,523	4,316
Montana	777	666	714	770	803	918	705
Nebraska	137	160	W	505	890	1,257	686
Nevada	18,135	15,282	18,088	20,109	22,904	20,722	21,244
New Hampshire	2,706	3,795	3,375	3,922	4,622	4,211	3,618
New Jersey	23,354	24,504	24,677	29,675	29,355	30,618	24,861
New Mexico	6,933	5,581	6,330	6,895	8,798	8,114	6,787
New York	31,355	33,652	39,937	49,022	54,763	54,290	40,290
North Carolina	22,474	22,200	19,195	23,579	24,881	25,946	26,406
North Dakota	W	W	W	433	492	497	W
Ohio	17,199	15,918	13,838	17,928	19,618	20,417	18,226
Oklahoma	23,024	20,482	16,289	20,143	27,950	30,396	22,126
Oregon	11,609	11,382	10,746	11,754	11,616	12,013	10,573
Pennsylvania	35,621	36,071	38,145	39,738	47,480	47,934	38,101
Rhode Island	3,081	4,334	3,864	3,507	7,037	6,902	6,135
South Carolina	11,601	13,955	12,777	11,768	13,664	14,943	14,514
South Dakota	656	521	396	519	943	1,216	769
Tennessee	6,156	5,458	4,574	6,133	6,002	7,594	7,026
Texas	123,103	110,207	131,222	151,139	185,654	181,401	147,288
Utah	5,002	4,575	4,387	5,171	6,238	5,768	5,443
Vermont	1	1	*	1	*	*	1
Virginia	22,839	16,558	11,752	22,109	26,163	29,071	26,215
Washington	9,481	10,383	11,239	10,914	10,802	12,265	9,569
West Virginia	522	765	1,541	1,742	1,873	2,142	1,614
Wisconsin	9,879	7,700	7,455	9,104	8,982	11,015	8,205
Wyoming	W	W	W	W	W	W	W
Total	771,355	737,310	797,631	901,839	1,034,595	1,053,747	893,343

See footnotes at end of table.

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

State	2015				
	May	April	March	February	January
Alabama	32,480	24,780	30,436	31,501	35,616
Alaska	1,781	2,907	2,470	2,367	2,945
Arizona	13,238	13,368	9,409	8,635	11,365
Arkansas	7,343	8,745	10,498	12,257	9,850
California	51,799	52,877	53,804	46,614	61,882
Colorado	5,015	5,970	6,214	5,508	6,471
Connecticut	8,748	8,839	8,474	7,570	10,731
Delaware	4,886	5,269	2,110	1,594	3,037
District of Columbia	--	--	--	--	--
Florida	101,485	98,620	86,390	74,272	81,404
Georgia	27,974	22,117	25,712	25,962	29,248
Hawaii	--	--	--	--	--
Idaho	2,082	1,276	857	438	2,272
Illinois	4,727	5,221	5,789	5,612	5,960
Indiana	9,238	9,110	12,997	13,294	11,362
Iowa	875	728	1,257	1,309	1,354
Kansas	1,189	1,027	1,124	947	483
Kentucky	3,415	3,307	3,123	5,559	2,282
Louisiana	27,800	24,960	23,525	22,235	21,942
Maine	745	947	1,787	1,294	1,871
Maryland	4,383	2,652	1,497	1,389	1,114
Massachusetts	15,056	11,249	7,951	6,635	7,223
Michigan	12,526	10,626	14,651	14,668	14,221
Minnesota	2,150	4,395	4,687	3,496	2,419
Mississippi	26,239	20,086	26,796	30,519	26,543
Missouri	1,856	2,444	W	2,992	2,715
Montana	482	498	535	W	557
Nebraska	201	242	164	W	185
Nevada	15,320	15,970	13,336	13,116	12,919
New Hampshire	3,865	3,308	3,393	2,236	3,622
New Jersey	24,474	18,160	22,976	18,435	19,752
New Mexico	4,441	5,744	6,183	5,514	6,628
New York	38,846	29,269	39,410	29,469	35,355
North Carolina	23,825	19,201	19,153	20,073	21,994
North Dakota	W	W	W	W	W
Ohio	15,180	13,132	19,948	19,594	19,461
Oklahoma	17,107	16,903	18,885	20,710	20,692
Oregon	8,295	8,202	6,047	3,597	8,155
Pennsylvania	31,222	31,691	34,488	26,179	32,578
Rhode Island	5,728	2,475	3,176	1,716	2,157
South Carolina	9,903	9,540	8,308	7,075	7,192
South Dakota	572	332	W	495	516
Tennessee	6,508	4,485	4,226	6,914	4,753
Texas	124,315	118,966	128,933	115,697	128,404
Utah	4,572	3,905	3,298	3,411	4,026
Vermont	6	*	1	2	5
Virginia	22,115	12,719	18,261	17,633	17,681
Washington	6,016	4,616	4,762	2,245	5,010
West Virginia	1,213	806	362	436	260
Wisconsin	7,133	6,523	8,768	8,652	7,795
Wyoming	W	W	W	W	W
Total	738,628	668,471	709,358	650,586	714,235

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

(million cubic feet)

State	2017	2016	2015	2017			
	4-Month YTD	4-Month YTD	4-Month YTD	April	March	February	January
Alabama	NA	216,341	221,693	NA	52,906	43,619	51,000
Alaska	24,327	22,693	29,357	3,982	6,472	5,812	8,062
Arizona	NA	101,367	80,247	20,864	16,204	NA	22,454
Arkansas	89,687	100,014	118,021	21,276	23,810	21,156	23,446
California	NA	701,160	714,296	135,817	157,123	170,805	NA
Colorado	143,742	153,152	139,364	27,329	31,022	34,511	50,880
Connecticut	95,975	99,788	108,471	16,456	25,893	24,268	29,358
Delaware	NA	35,141	38,124	NA	9,106	7,634	8,616
District of Columbia	NA	14,463	18,142	1,648	3,399	NA	4,180
Florida	392,058	425,050	405,874	106,928	105,105	86,496	93,529
Georgia	228,905	257,397	256,835	44,703	59,047	57,526	67,628
Hawaii	1,076	1,010	1,021	255	272	258	291
Idaho	44,122	39,477	32,960	7,591	9,303	11,052	16,176
Illinois	412,421	452,172	494,974	61,335	109,986	100,895	140,205
Indiana	271,595	291,334	319,057	49,618	73,088	65,027	83,862
Iowa	137,286	126,566	133,446	27,228	35,484	33,642	40,932
Kansas	85,619	86,843	90,153	16,126	20,384	19,879	23,231
Kentucky	90,870	106,823	112,568	17,125	24,827	21,245	27,673
Louisiana	NA	479,358	438,507	112,878	117,010	104,051	NA
Maine	12,289	NA	21,341	2,328	3,336	3,125	3,500
Maryland	89,384	93,210	106,015	12,392	26,338	22,861	27,793
Massachusetts	190,974	171,278	196,814	34,617	55,671	46,990	53,695
Michigan	362,741	395,627	423,747	57,349	102,444	88,673	114,276
Minnesota	190,856	198,886	198,792	32,938	48,357	47,443	62,118
Mississippi	155,051	NA	169,328	37,080	43,671	32,364	41,936
Missouri	NA	116,931	134,541	15,228	26,050	NA	NA
Montana	30,434	NA	27,785	4,970	6,750	7,985	10,729
Nebraska	62,875	58,202	64,888	11,660	14,910	16,729	19,577
Nevada	96,479	101,812	90,659	18,900	22,094	24,438	31,047
New Hampshire	19,022	NA	27,123	5,401	4,997	3,946	4,679
New Jersey	NA	306,667	355,745	NA	NA	68,971	NA
New Mexico	NA	58,943	57,548	NA	NA	12,949	18,078
New York	529,672	532,250	628,511	85,957	153,544	133,369	156,802
North Carolina	173,574	203,029	189,759	31,613	48,230	42,694	51,038
North Dakota	26,202	23,348	24,594	5,098	6,774	6,212	8,117
Ohio	362,727	406,657	478,521	56,126	99,941	91,084	115,576
Oklahoma	163,758	187,222	199,566	38,643	38,200	36,636	50,280
Oregon	84,843	79,285	74,056	13,597	17,179	21,656	32,412
Pennsylvania	391,714	416,355	461,514	65,688	108,145	99,578	118,303
Rhode Island	NA	31,297	33,565	6,183	9,227	NA	9,000
South Carolina	88,888	91,237	89,626	20,893	23,586	21,020	23,389
South Dakota	28,343	29,341	29,031	5,270	6,715	7,106	9,253
Tennessee	120,229	130,222	139,487	21,707	32,851	29,326	36,346
Texas	NA	1,183,464	1,238,718	251,473	265,896	NA	NA
Utah	76,385	83,774	69,927	13,640	14,579	18,241	29,925
Vermont	5,460	NA	5,973	864	1,582	1,400	1,614
Virginia	NA	187,592	191,030	35,461	NA	47,151	54,852
Washington	128,084	109,145	97,552	23,237	29,136	31,854	43,856
West Virginia	34,020	37,813	41,358	5,719	9,340	8,550	10,411
Wisconsin	194,415	212,908	217,867	32,246	52,859	47,044	62,266
Wyoming	NA	28,351	27,542	NA	7,948	8,154	9,776
Total	8,866,936	9,425,555	9,865,632	1,733,624	2,311,895	2,139,544	2,681,873

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016						
	Total	December	November	October	September	August	July
Alabama	657,303	55,914	49,901	49,258	56,287	59,879	61,004
Alaska	60,244	7,467	6,557	5,385	4,082	3,638	3,397
Arizona	343,385	20,288	18,949	26,102	33,314	40,449	40,916
Arkansas	288,870	26,948	23,618	19,372	18,750	25,978	25,370
California	2,106,564	215,161	175,318	167,442	171,064	189,906	176,235
Colorado	353,314	48,034	29,688	20,757	17,089	19,711	21,121
Connecticut	246,701	27,640	21,659	16,623	15,057	17,380	16,791
Delaware	NA	8,753	NA	9,278	8,687	10,410	10,826
District of Columbia	27,910	4,226	2,580	1,303	945	981	999
Florida	1,361,318	93,114	91,754	110,774	122,176	133,920	135,937
Georgia	702,401	66,916	51,691	46,436	49,191	59,172	60,816
Hawaii	3,043	263	253	250	264	264	255
Idaho	100,808	14,611	8,280	7,184	6,826	7,159	6,264
Illinois	NA	146,835	80,513	59,358	47,517	53,068	NA
Indiana	729,265	90,885	59,841	44,690	44,148	48,791	49,010
Iowa	317,537	41,599	27,618	22,144	18,464	20,861	20,333
Kansas	222,803	30,489	17,770	13,190	13,061	16,569	15,890
Kentucky	262,674	32,047	21,229	16,771	15,634	18,108	18,006
Louisiana	1,434,219	120,640	111,838	111,469	115,667	122,101	129,827
Maine	NA	4,031	3,479	4,064	NA	5,414	5,109
Maryland	NA	NA	15,278	11,332	11,015	15,749	15,193
Massachusetts	420,697	50,370	33,129	25,385	23,440	30,203	30,090
Michigan	879,667	114,061	73,164	53,835	42,511	52,993	47,473
Minnesota	440,943	55,804	35,116	26,351	19,788	27,749	25,754
Mississippi	NA	44,377	34,286	37,342	46,592	48,964	50,747
Missouri	NA	41,967	20,497	NA	13,253	15,112	15,665
Montana	NA	10,068	6,683	NA	NA	NA	NA
Nebraska	153,475	19,947	13,346	10,525	9,311	11,550	10,915
Nevada	NA	NA	22,726	20,892	NA	NA	NA
New Hampshire	NA	5,754	5,411	3,599	4,901	5,482	5,053
New Jersey	768,264	88,622	55,717	50,275	47,803	59,913	59,911
New Mexico	157,692	17,744	13,198	11,353	10,648	11,701	12,382
New York	1,293,686	150,602	102,906	79,105	76,142	96,682	92,474
North Carolina	521,061	51,943	44,497	32,404	35,849	42,365	40,568
North Dakota	62,865	7,172	5,600	5,321	4,264	3,838	3,825
Ohio	899,290	113,891	77,396	54,902	47,406	51,975	50,536
Oklahoma	557,708	52,893	43,295	37,357	42,447	48,076	52,144
Oregon	226,798	31,279	18,846	17,048	19,511	19,664	16,529
Pennsylvania	1,082,675	122,572	94,415	74,697	71,389	82,582	80,657
Rhode Island	84,118	8,604	6,423	5,182	5,796	6,769	7,030
South Carolina	272,222	23,544	26,486	20,423	22,445	23,406	24,089
South Dakota	74,430	8,903	6,342	5,157	4,683	5,311	4,930
Tennessee	325,351	41,691	23,825	20,575	21,445	23,062	22,501
Texas	NA	297,242	261,348	268,677	299,478	NA	NA
Utah	199,436	27,791	17,077	12,104	10,568	11,175	12,116
Vermont	NA	1,587	1,082	819	588	567	576
Virginia	526,788	50,183	42,281	31,822	39,911	49,592	48,172
Washington	292,561	40,019	24,006	21,532	22,220	22,236	19,919
West Virginia	89,981	10,939	8,144	7,053	5,358	4,721	4,939
Wisconsin	476,137	61,446	36,591	26,868	23,355	30,213	28,478
Wyoming	75,718	9,537	7,099	6,033	4,772	4,885	4,801
Total	25,258,328	2,671,942	1,987,500	1,748,633	1,774,994	2,027,473	2,005,523

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016						2015
	June	May	April	March	February	January	Total
Alabama	56,493	52,226	45,585	51,989	54,364	64,403	642,961
Alaska	3,318	3,707	4,257	5,533	5,874	7,029	69,642
Arizona	36,028	25,972	25,247	21,868	23,678	30,575	337,347
Arkansas	26,475	22,346	21,580	26,559	23,250	28,625	274,727
California	164,171	146,108	145,566	161,492	172,051	222,051	2,247,961
Colorado	20,147	23,617	30,317	35,484	38,677	48,673	348,183
Connecticut	14,450	17,313	21,402	21,860	27,237	29,289	248,366
Delaware	9,102	7,766	8,823	8,771	8,440	9,107	100,842
District of Columbia	983	1,430	2,074	2,466	4,776	5,148	31,502
Florida	127,213	121,380	115,724	107,367	96,563	105,395	1,334,385
Georgia	57,546	53,234	52,837	57,089	67,585	79,886	684,971
Hawaii	240	243	256	248	247	259	2,922
Idaho	5,389	5,617	5,420	9,198	11,078	13,782	99,811
Illinois	NA	54,757	75,944	97,925	127,574	150,729	966,018
Indiana	47,485	53,081	55,617	66,122	79,192	90,402	710,564
Iowa	18,925	21,026	22,823	28,782	34,429	40,532	308,324
Kansas	14,657	14,335	14,300	18,452	23,541	30,549	216,014
Kentucky	16,824	17,231	18,454	24,366	28,846	35,157	252,877
Louisiana	121,437	121,883	114,988	119,996	114,357	130,017	1,357,572
Maine	NA	NA	NA	NA	NA	NA	51,191
Maryland	9,761	12,492	15,646	19,664	26,802	31,097	207,716
Massachusetts	26,938	29,865	34,421	39,445	46,939	50,473	433,907
Michigan	144,200	155,803	180,347	188,209	108,657	118,415	826,917
Minnesota	23,884	27,611	36,552	43,798	54,853	63,683	422,112
Mississippi	NA	43,626	NA	38,789	45,335	49,951	496,388
Missouri	15,487	14,738	18,145	22,356	33,852	42,578	262,812
Montana	NA	3,849	NA	NA	7,307	9,292	67,159
Nebraska	10,202	9,477	10,910	12,626	15,590	19,075	154,420
Nevada	26,088	22,788	21,360	23,087	25,038	32,328	292,860
New Hampshire	NA	NA	NA	NA	NA	5,947	68,609
New Jersey	50,622	48,734	58,979	68,583	82,039	97,065	746,777
New Mexico	11,183	10,541	11,400	13,166	15,153	19,224	154,224
New York	78,577	84,948	102,021	118,106	146,947	165,176	1,326,168
North Carolina	35,425	34,982	39,758	46,879	55,929	60,463	493,801
North Dakota	4,155	4,296	3,917	5,628	6,186	7,617	58,201
Ohio	46,353	50,174	73,089	85,084	114,448	134,036	938,930
Oklahoma	50,148	44,126	41,309	42,348	44,391	59,174	541,224
Oregon	14,136	10,499	11,420	19,367	21,953	26,546	232,158
Pennsylvania	71,743	68,263	79,252	92,430	114,634	130,040	1,068,687
Rhode Island	5,993	7,025	6,203	8,516	7,975	8,602	90,891
South Carolina	20,940	19,652	17,586	21,550	23,829	28,273	270,601
South Dakota	4,666	5,098	6,141	6,691	7,692	8,816	73,362
Tennessee	22,010	20,020	20,972	27,247	37,176	44,827	305,092
Texas	NA	281,584	271,540	291,489	287,939	332,495	3,639,217
Utah	11,664	13,165	16,067	17,998	22,060	27,650	187,605
Vermont	566	652	NA	1,101	1,459	1,695	11,814
Virginia	41,502	35,734	31,264	42,267	53,524	60,537	484,734
Washington	16,658	16,826	16,382	25,498	29,243	38,022	296,358
West Virginia	5,199	5,815	6,848	8,721	10,183	12,061	86,593
Wisconsin	26,941	29,338	39,801	49,645	57,375	66,088	455,096
Wyoming	4,629	5,612	5,942	6,960	7,178	8,271	72,916
Total	1,826,954	1,789,755	1,908,822	2,166,655	2,462,969	2,887,109	25,053,530

See footnotes at end of table.

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

(million cubic feet) – continued

State	2015						
	December	November	October	September	August	July	June
Alabama	54,905	50,654	49,410	50,245	54,988	57,075	53,437
Alaska	7,912	6,892	5,288	4,451	3,768	3,915	3,850
Arizona	30,546	25,902	29,635	35,525	42,566	38,370	35,446
Arkansas	23,235	19,028	14,993	18,137	22,054	22,228	19,318
California	234,012	194,884	186,153	188,710	198,391	192,293	175,938
Colorado	49,108	40,211	22,665	19,007	18,985	18,838	18,092
Connecticut	22,980	19,695	17,358	15,681	17,414	16,767	14,710
Delaware	7,513	6,900	6,916	7,972	8,362	8,947	7,692
District of Columbia	3,143	2,631	1,872	1,147	1,108	1,051	1,150
Florida	105,479	105,863	113,989	118,347	125,914	124,432	119,224
Georgia	56,568	55,916	52,489	49,214	54,775	58,873	52,157
Hawaii	250	227	239	232	239	242	244
Idaho	13,907	11,409	7,662	6,873	7,042	6,456	7,059
Illinois	107,693	84,914	57,574	43,492	42,342	46,090	42,029
Indiana	71,835	59,417	47,975	39,803	42,445	43,269	41,485
Iowa	32,862	25,435	21,652	18,212	18,908	19,651	18,577
Kansas	25,014	18,027	13,375	12,842	15,507	16,099	12,782
Kentucky	22,855	22,310	18,353	15,435	15,694	16,842	14,254
Louisiana	123,012	115,968	112,509	108,810	117,522	117,081	112,740
Maine	4,275	4,385	4,894	3,611	3,870	3,189	2,680
Maryland	18,805	16,625	12,834	9,828	10,463	12,316	10,128
Massachusetts	36,397	31,129	29,657	25,693	31,624	31,449	24,430
Michigan	85,543	70,111	54,392	37,523	37,227	39,331	37,128
Minnesota	51,546	35,699	27,050	22,875	22,081	22,421	20,431
Mississippi	40,342	39,644	37,359	38,613	43,495	46,155	43,778
Missouri	29,364	21,008	13,199	11,960	13,981	14,752	12,603
Montana	9,224	7,727	4,718	3,600	3,660	3,282	3,185
Nebraska	17,040	13,653	10,155	8,664	9,740	11,073	9,402
Nevada	31,083	24,211	23,070	24,570	27,370	24,970	26,056
New Hampshire	5,390	6,040	4,641	4,926	5,573	5,203	4,694
New Jersey	63,365	56,408	46,188	45,403	45,176	47,812	41,731
New Mexico	18,841	14,104	10,676	10,137	12,154	11,297	10,533
New York	111,673	99,041	86,215	79,161	85,884	84,705	72,085
North Carolina	42,774	42,625	35,105	35,545	36,713	37,315	38,201
North Dakota	6,170	5,478	4,432	3,657	3,529	2,971	3,307
Ohio	87,546	73,198	55,280	45,637	48,179	49,618	48,997
Oklahoma	55,974	47,190	36,076	38,004	44,220	45,431	37,815
Oregon	28,039	25,331	18,420	18,235	17,542	17,829	16,730
Pennsylvania	95,829	86,544	78,652	67,108	73,702	74,612	66,802
Rhode Island	6,915	7,674	6,249	4,840	8,375	8,259	7,616
South Carolina	24,390	25,792	22,864	20,308	22,307	23,409	22,960
South Dakota	8,090	6,624	4,860	4,497	5,007	5,209	4,942
Tennessee	28,917	24,198	18,784	18,247	17,841	19,261	19,189
Texas	315,333	272,469	280,076	294,187	335,841	332,168	294,230
Utah	27,899	20,811	10,851	10,250	11,742	11,351	11,805
Vermont	1,173	1,028	876	566	544	587	569
Virginia	44,396	36,526	27,460	34,375	37,663	40,618	37,847
Washington	37,216	34,685	25,461	22,122	20,118	21,456	19,639
West Virginia	7,416	6,876	6,220	4,954	4,941	5,157	4,777
Wisconsin	49,589	38,889	29,319	23,616	23,421	25,140	22,377
Wyoming	9,340	7,384	5,006	4,538	4,349	4,606	4,767
Total	2,392,722	2,069,390	1,811,143	1,731,389	1,876,359	1,891,471	1,731,619

See footnotes at end of table.

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

(million cubic feet) – continued

State	2015				
	May	April	March	February	January
Alabama	50,554	42,142	52,437	61,057	66,057
Alaska	4,209	6,324	7,352	7,022	8,659
Arizona	19,112	19,839	17,432	17,874	25,102
Arkansas	17,712	20,592	28,589	35,096	33,744
California	163,283	165,093	168,376	165,790	215,036
Colorado	21,914	24,475	31,756	37,147	45,986
Connecticut	15,290	20,133	27,483	28,851	32,004
Delaware	8,416	9,831	8,862	8,719	10,713
District of Columbia	1,257	1,949	4,306	5,602	6,285
Florida	115,263	113,144	101,972	91,489	99,269
Georgia	48,145	43,166	57,023	76,097	80,548
Hawaii	228	254	252	237	278
Idaho	6,443	6,583	6,971	7,480	11,926
Illinois	46,909	67,759	112,117	158,479	156,620
Indiana	45,278	51,908	77,530	95,657	93,962
Iowa	19,581	21,913	30,517	40,554	40,462
Kansas	12,215	13,388	19,942	27,342	29,481
Kentucky	14,566	17,009	25,949	36,526	33,084
Louisiana	111,422	104,903	107,129	108,232	118,244
Maine	2,947	3,956	5,781	5,330	6,273
Maryland	10,703	13,739	25,620	33,717	32,940
Massachusetts	26,713	33,166	48,863	57,377	57,408
Michigan	41,913	60,901	98,836	133,963	130,049
Minnesota	21,217	32,533	46,520	60,554	59,185
Mississippi	37,675	31,901	41,991	48,766	46,670
Missouri	11,404	18,106	33,925	42,379	40,131
Montana	3,979	4,952	6,256	7,389	9,188
Nebraska	9,805	10,966	13,910	19,668	20,344
Nevada	20,870	22,395	21,001	21,764	25,499
New Hampshire	5,020	5,348	6,982	6,674	8,119
New Jersey	44,949	59,327	92,127	102,840	101,451
New Mexico	8,933	10,762	13,356	15,127	18,302
New York	78,894	95,756	165,819	181,039	185,897
North Carolina	35,765	33,993	41,817	56,931	57,019
North Dakota	4,064	4,298	5,925	7,170	7,202
Ohio	51,954	71,113	120,132	144,972	142,304
Oklahoma	36,946	37,119	46,576	56,199	59,672
Oregon	15,976	18,469	16,821	15,236	23,530
Pennsylvania	63,923	79,513	117,862	131,484	132,655
Rhode Island	7,400	5,628	9,189	9,181	9,567
South Carolina	18,946	19,258	21,226	23,878	25,264
South Dakota	5,102	5,493	6,329	8,394	8,814
Tennessee	19,168	19,714	29,720	47,266	42,787
Texas	276,196	272,306	316,962	299,718	349,733
Utah	12,967	14,563	14,589	17,343	23,432
Vermont	500	895	1,493	1,748	1,836
Virginia	34,819	29,214	47,088	58,044	56,684
Washington	18,108	21,000	23,696	21,931	30,926
West Virginia	4,894	6,427	10,765	12,588	11,578
Wisconsin	24,878	33,060	50,438	68,283	66,086
Wyoming	5,383	5,822	6,510	6,824	8,387
Total	1,683,806	1,832,097	2,394,119	2,733,026	2,906,390

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

State	2017	2016	2015	2017			
	4-Month YTD	4-Month YTD	4-Month YTD	April	March	February	January
Alabama	3.93	3.11	4.06	3.65	3.58	4.23	4.13
Alaska	NA	6.70	7.02	6.96	7.42	7.54	NA
Arizona	4.51	4.00	4.75	3.98	4.95	4.71	4.37
Arkansas	4.43	3.83	4.61	5.83	4.35	4.37	4.17
California	3.56	2.53	3.35	3.31	3.15	3.59	3.87
Colorado	3.82	3.15	4.14	3.66	3.65	3.91	3.92
Connecticut	4.25	3.28	4.11	4.97	3.53	4.45	4.45
Delaware	NA	4.16	5.08	NA	4.26	4.62	4.34
District of Columbia	--	--	--	--	--	--	--
Florida	NA	3.76	5.48	NA	NA	NA	NA
Georgia	4.30	3.27	3.79	4.29	3.72	4.43	4.69
Hawaii	16.23	12.21	17.35	16.05	17.38	16.20	15.34
Idaho	NA	3.34	4.36	NA	3.31	3.14	3.17
Illinois	3.91	3.10	3.89	4.15	4.06	3.56	3.95
Indiana	3.85	3.30	4.12	4.25	3.72	3.89	3.81
Iowa	NA	3.65	4.52	NA	4.08	4.16	4.55
Kansas	4.22	3.52	4.53	4.91	3.99	4.08	4.22
Kentucky	NA	3.22	4.21	4.46	NA	4.19	NA
Louisiana	NA	3.39	3.76	3.12	3.31	3.66	NA
Maine	6.62	7.33	10.13	5.36	5.53	7.58	7.36
Maryland	4.52	3.61	4.86	6.06	4.05	4.69	4.43
Massachusetts	4.54	3.93	5.78	5.46	4.06	4.53	4.66
Michigan	3.70	3.69	4.46	3.78	3.48	3.71	3.84
Minnesota	4.05	3.49	4.74	3.51	3.77	4.23	4.30
Mississippi	4.38	NA	4.29	3.97	3.88	4.20	5.02
Missouri	NA	3.58	4.45	5.15	NA	4.37	4.21
Montana	3.37	3.11	4.30	3.47	3.54	3.56	3.14
Nebraska	NA	3.74	4.67	NA	NA	NA	4.36
Nevada	4.33	3.36	4.51	4.40	4.01	4.34	4.46
New Hampshire	NA	5.63	8.72	4.64	4.37	NA	NA
New Jersey	4.42	3.89	5.07	4.26	4.32	4.48	4.52
New Mexico	NA	2.69	3.62	3.31	NA	3.83	3.93
New York	3.74	2.81	3.76	4.20	3.33	3.72	3.94
North Carolina	3.80	2.98	3.87	4.91	3.36	3.72	3.87
North Dakota	4.33	3.63	4.78	4.11	3.88	4.53	4.58
Ohio	NA	3.38	4.75	NA	NA	4.41	4.02
Oklahoma	4.38	3.64	4.63	4.64	4.22	4.26	4.46
Oregon	NA	3.81	4.75	3.90	NA	NA	3.59
Pennsylvania	4.19	3.27	4.24	5.12	4.06	4.20	4.08
Rhode Island	2.18	2.21	3.55	2.30	2.20	2.18	2.12
South Carolina	NA	3.36	4.12	4.49	3.96	4.40	NA
South Dakota	4.16	3.37	4.24	3.90	3.79	4.38	4.35
Tennessee	4.15	3.14	4.23	4.36	3.91	4.16	4.24
Texas	5.01	3.68	4.44	4.43	4.85	5.14	5.28
Utah	5.53	5.70	6.42	4.78	5.94	5.97	5.37
Vermont	NA	5.80	6.67	5.26	4.98	5.69	NA
Virginia	4.14	3.49	4.70	5.59	3.98	4.07	3.90
Washington	NA	NA	4.74	3.64	NA	NA	NA
West Virginia	3.62	3.25	4.02	4.26	3.32	3.68	3.63
Wisconsin	4.22	3.67	4.81	4.08	3.82	4.39	4.46
Wyoming	4.08	3.53	4.95	3.71	3.88	4.23	4.27
Total	4.09	3.42	4.42	4.18	3.84	4.10	4.22

See footnotes at end of table.

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

State							2016
	Total	December	November	October	September	August	July
Alabama	3.44	3.78	3.85	4.20	3.89	3.89	3.89
Alaska	6.75	7.29	6.82	7.10	6.32	6.19	6.12
Arizona	4.07	4.74	4.91	4.09	3.92	3.86	4.05
Arkansas	4.29	3.83	4.37	6.02	5.69	6.22	6.68
California	2.96	3.64	3.30	3.51	3.56	3.29	3.34
Colorado	3.56	3.61	3.88	4.73	5.27	4.81	5.16
Connecticut	3.57	3.90	3.31	3.13	4.29	4.20	4.69
Delaware	4.91	4.28	4.17	6.15	8.20	8.50	8.77
District of Columbia	--	--	--	--	--	--	--
Florida	NA	NA	NA	NA	4.13	3.87	3.69
Georgia	3.67	4.08	4.09	4.34	4.24	4.01	4.32
Hawaii	13.81	14.75	12.93	15.07	14.06	13.33	13.54
Idaho	NA	3.16	3.29	3.18	3.29	2.69	NA
Illinois	NA	3.63	3.38	4.25	5.19	4.66	4.25
Indiana	3.60	3.81	3.60	4.24	4.77	4.89	5.21
Iowa	NA	4.07	4.16	4.34	4.76	NA	4.64
Kansas	4.08	3.74	4.40	6.60	6.84	5.55	5.33
Kentucky	3.35	3.77	3.53	3.63	3.45	3.26	3.47
Louisiana	NA	NA	4.23	3.98	4.07	3.85	4.00
Maine	6.41	6.22	6.25	4.24	5.33	4.67	5.29
Maryland	NA	3.96	4.20	5.42	NA	NA	8.80
Massachusetts	4.49	4.61	4.16	5.36	8.26	6.95	7.49
Michigan	NA	3.54	3.65	3.53	NA	3.08	3.21
Minnesota	3.71	4.05	4.17	3.71	4.38	4.28	3.88
Mississippi	NA	4.77	4.14	4.17	3.90	3.79	4.04
Missouri	R4.22	R3.96	R4.31	R6.21	R6.64	R6.96	R7.08
Montana	3.04	2.87	3.17	3.33	3.45	3.34	3.12
Nebraska	NA	3.67	3.99	NA	3.65	3.90	4.44
Nevada	NA	NA	3.70	4.10	4.45	4.76	4.50
New Hampshire	NA	5.32	4.60	3.80	5.34	NA	6.79
New Jersey	3.93	4.14	3.94	3.75	4.02	3.75	3.92
New Mexico	NA	NA	3.22	3.62	3.47	3.39	3.50
New York	3.57	3.85	3.40	3.57	6.47	6.94	6.69
North Carolina	3.44	3.72	3.33	4.43	4.76	4.83	5.28
North Dakota	3.88	4.10	4.64	4.51	4.52	4.19	4.36
Ohio	3.27	3.62	3.43	3.09	2.38	2.53	2.69
Oklahoma	3.98	4.04	4.00	5.03	5.29	5.39	5.51
Oregon	4.15	R3.77	R4.03	4.40	R5.96	R5.33	R5.85
Pennsylvania	3.73	3.72	4.13	3.98	5.92	5.57	6.55
Rhode Island	2.12	1.99	1.96	1.96	2.01	2.03	2.06
South Carolina	3.64	4.44	3.66	4.01	3.94	3.75	3.87
South Dakota	3.65	3.92	4.25	4.20	4.73	4.82	4.47
Tennessee	3.42	3.73	3.90	4.26	3.99	3.64	3.88
Texas	4.09	5.36	5.10	4.93	4.16	4.00	3.94
Utah	5.15	5.35	5.00	4.82	3.86	3.24	3.37
Vermont	5.13	5.11	4.74	4.08	4.21	4.22	4.01
Virginia	4.00	3.74	3.87	5.37	6.50	7.04	6.25
Washington	NA	3.58	4.14	NA	NA	4.35	4.56
West Virginia	3.47	3.30	3.45	3.73	5.14	5.08	5.59
Wisconsin	3.91	3.88	4.24	4.36	5.18	4.80	5.08
Wyoming	3.53	4.00	3.48	3.76	3.46	3.38	3.19
Total	R3.73	R3.96	R3.90	R4.19	R4.61	4.37	4.45

See footnotes at end of table.

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

State	2016						2015
	June	May	April	March	February	January	Total
Alabama	3.34	2.99	2.90	3.00	3.18	3.22	3.91
Alaska	6.03	6.21	6.37	6.45	6.85	6.93	6.57
Arizona	3.31	2.77	3.03	4.85	4.60	3.64	4.38
Arkansas	6.16	4.79	4.60	4.53	3.76	3.43	4.77
California	2.52	2.49	2.25	2.30	2.65	2.72	3.27
Colorado	4.22	3.25	2.78	3.43	3.23	3.09	3.98
Connecticut	4.58	3.85	3.20	3.09	3.45	3.27	4.07
Delaware	8.53	6.24	5.03	4.70	3.84	3.81	5.87
District of Columbia	--	--	--	--	--	--	--
Florida	3.46	3.50	3.37	3.83	3.95	3.86	4.75
Georgia	3.44	3.37	3.19	3.21	3.25	3.35	3.83
Hawaii	17.26	16.20	14.19	13.19	10.52	10.93	18.11
Idaho	NA	3.22	2.79	3.67	3.47	3.20	3.95
Illinois	NA	3.10	3.39	3.33	2.79	3.12	3.82
Indiana	4.35	3.25	2.91	3.45	3.25	3.42	4.03
Iowa	4.16	3.43	3.41	3.83	3.62	3.65	4.29
Kansas	5.64	4.57	4.41	3.56	3.41	3.38	4.59
Kentucky	2.85	2.93	2.97	3.26	3.26	3.24	3.96
Louisiana	3.16	2.99	3.03	3.32	3.49	3.51	3.32
Maine	5.37	3.81	3.58	7.53	8.85	7.79	8.76
Maryland	7.14	4.57	3.89	4.34	3.52	3.30	5.01
Massachusetts	5.90	4.86	3.94	3.40	4.30	3.93	5.72
Michigan	2.74	2.87	2.91	3.90	3.84	3.80	4.23
Minnesota	3.49	2.98	2.94	3.77	3.65	3.43	4.39
Mississippi	3.46	3.19	3.36	NA	3.85	3.28	4.05
Missouri	¥5.58	¥5.21	¥4.50	¥3.86	¥3.45	¥3.34	4.64
Montana	2.50	2.28	2.42	3.03	3.43	3.23	3.71
Nebraska	3.17	3.00	3.14	4.16	3.80	3.65	4.32
Nevada	3.74	3.19	3.16	3.18	3.56	3.38	4.06
New Hampshire	5.79	3.87	2.72	3.57	7.03	7.02	7.64
New Jersey	3.91	3.80	3.81	3.98	3.94	3.84	4.87
New Mexico	2.89	2.43	2.23	2.75	2.80	2.72	3.32
New York	5.52	4.26	3.03	2.84	2.92	2.62	4.15
North Carolina	4.38	3.71	3.21	3.10	2.87	2.98	3.81
North Dakota	2.83	2.71	2.97	3.65	3.84	3.76	4.46
Ohio	2.46	2.61	2.41	3.09	3.55	3.60	4.49
Oklahoma	4.77	3.83	3.73	3.58	3.69	3.62	4.59
Oregon	¥5.18	¥4.65	¥4.15	¥3.63	¥3.96	¥3.71	4.65
Pennsylvania	6.36	4.35	3.28	3.98	3.18	3.04	4.38
Rhode Island	2.05	2.09	2.14	2.22	2.24	2.23	3.14
South Carolina	3.43	3.08	3.37	3.41	3.27	3.42	3.90
South Dakota	3.06	2.28	2.47	3.40	3.49	3.65	4.16
Tennessee	3.19	3.02	2.97	3.09	3.14	3.21	4.06
Texas	3.41	3.20	3.20	3.60	3.87	3.79	4.19
Utah	3.58	4.60	4.63	6.06	6.05	5.61	5.70
Vermont	4.24	4.96	4.85	6.93	5.98	5.52	6.33
Virginia	6.42	4.38	3.92	3.72	3.31	3.40	4.87
Washington	3.57	3.85	3.43	NA	3.63	3.21	4.42
West Virginia	4.62	3.43	3.22	3.27	3.38	3.14	4.00
Wisconsin	4.12	3.67	3.16	3.73	3.92	3.67	4.71
Wyoming	2.56	3.07	3.10	3.47	3.75	3.62	4.36
Total	¥3.99	¥3.46	3.22	3.49	¥3.49	3.40	4.26

See footnotes at end of table.

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

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

See footnotes at end of table.

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

State	2015				
	May	April	March	February	January
Alabama	3.84	4.08	4.12	3.89	4.18
Alaska	5.80	6.22	6.86	7.21	7.43
Arizona	3.81	3.95	5.45	5.08	4.52
Arkansas	5.52	6.31	4.87	4.27	4.48
California	2.96	3.13	3.27	3.30	3.58
Colorado	4.22	4.11	4.45	4.24	3.92
Connecticut	4.49	3.28	3.89	4.50	4.26
Delaware	9.71	6.31	4.89	5.29	4.62
District of Columbia	--	--	--	--	--
Florida	3.85	5.24	6.30	5.25	5.33
Georgia	3.93	4.04	3.81	3.56	3.89
Hawaii	22.92	19.95	18.30	17.90	13.58
Idaho	3.81	3.42	4.86	4.66	4.27
Illinois	3.95	3.54	3.81	4.06	3.87
Indiana	4.26	3.55	4.23	4.09	4.23
Iowa	4.32	4.12	4.69	4.26	4.81
Kansas	5.72	3.64	4.35	4.25	5.27
Kentucky	3.78	3.75	4.24	4.04	4.48
Louisiana	3.04	3.08	3.69	3.86	4.15
Maine	7.25	6.30	9.28	11.79	10.83
Maryland	5.94	4.14	4.40	5.60	4.61
Massachusetts	6.74	3.93	4.96	7.43	5.44
Michigan	3.71	3.84	4.38	4.55	4.63
Minnesota	3.66	3.83	5.36	4.69	4.72
Mississippi	3.64	3.46	6.03	3.63	4.37
Missouri	6.51	5.47	4.50	4.24	4.41
Montana	3.56	3.44	4.54	4.34	4.53
Nebraska	4.71	3.93	4.87	4.29	5.19
Nevada	3.89	3.95	4.70	4.79	4.49
New Hampshire	5.52	4.46	6.46	10.71	10.03
New Jersey	4.73	4.48	5.09	5.64	4.66
New Mexico	3.17	3.56	3.77	3.56	3.62
New York	5.72	2.94	3.19	4.43	3.84
North Carolina	4.46	4.05	3.71	3.87	3.90
North Dakota	3.46	4.08	4.85	4.77	5.03
Ohio	4.21	4.51	4.79	4.78	4.83
Oklahoma	4.23	4.34	4.46	4.44	5.21
Oregon	5.37	4.68	4.83	4.84	4.67
Pennsylvania	6.65	4.51	4.28	4.10	4.30
Rhode Island	2.83	3.09	3.59	3.63	3.61
South Carolina	4.09	4.11	4.11	4.02	4.23
South Dakota	3.01	3.21	4.02	4.46	4.57
Tennessee	4.60	3.95	4.32	4.17	4.30
Texas	3.58	3.74	4.17	4.31	4.93
Utah	5.69	5.99	6.40	6.81	6.35
Vermont	8.35	6.55	6.62	6.84	6.59
Virginia	6.69	4.52	4.01	5.33	4.56
Washington	5.10	4.19	4.96	4.89	4.79
West Virginia	4.06	3.62	3.99	4.04	4.13
Wisconsin	4.47	4.10	4.98	4.76	5.01
Wyoming	4.32	4.31	4.67	4.95	5.52
Total	4.24	3.93	4.36	4.57	4.48

^R Revised data.

-- Not applicable.

^{NA} Not available.

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

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

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

State	2017	2016	2015	2017			
	4-Month YTD	4-Month YTD	4-Month YTD	April	March	February	January
Alabama	14.52	12.08	12.65	16.46	14.71	14.63	13.43
Alaska	9.66	9.09	9.67	10.24	9.59	9.63	9.46
Arizona	NA	13.99	16.92	16.66	15.18	NA	12.57
Arkansas	11.84	9.84	10.63	14.24	12.72	12.00	10.56
California	12.82	11.14	11.43	12.58	12.48	12.73	13.17
Colorado	7.40	6.46	8.13	8.04	7.93	7.45	6.87
Connecticut	12.83	11.24	11.45	13.82	12.31	13.19	12.39
Delaware	11.33	10.22	11.47	12.03	11.55	11.25	10.85
District of Columbia	11.86	10.08	11.39	12.85	12.22	11.43	11.44
Florida	19.07	16.92	16.86	20.13	19.77	18.71	18.03
Georgia	14.30	11.77	11.90	18.10	14.49	14.36	12.82
Hawaii	37.79	35.21	38.52	38.06	38.69	37.91	36.66
Idaho	7.54	8.32	8.81	7.98	8.04	7.50	7.20
Illinois	8.12	6.45	7.16	10.13	7.88	8.32	7.51
Indiana	8.34	NA	8.42	11.61	7.70	8.59	7.63
Iowa	7.95	NA	7.55	8.99	7.75	8.02	7.66
Kansas	9.85	8.22	9.46	13.06	10.18	10.00	8.64
Kentucky	10.47	8.22	9.48	13.76	10.43	10.92	9.27
Louisiana	12.34	9.64	9.36	13.94	13.06	12.64	11.19
Maine	NA	12.97	17.57	NA	13.03	13.70	13.71
Maryland	NA	10.21	10.76	NA	11.15	12.59	R11.65
Massachusetts	13.12	11.95	13.35	13.31	13.00	13.21	13.00
Michigan	7.89	7.55	8.51	9.16	7.72	7.92	7.54
Minnesota	NA	7.24	8.68	NA	7.67	8.11	8.10
Mississippi	10.95	8.82	8.43	13.24	10.90	10.94	10.27
Missouri	9.51	8.73	9.80	12.33	10.48	9.23	8.27
Montana	7.13	6.86	8.24	7.50	7.37	7.28	6.73
Nebraska	7.83	6.73	8.18	8.72	7.88	7.94	7.39
Nevada	7.43	9.86	11.35	8.99	7.76	7.10	6.96
New Hampshire	13.00	12.70	16.05	12.22	12.75	13.60	13.26
New Jersey	8.42	7.39	7.66	8.33	8.67	8.23	8.42
New Mexico	7.95	6.67	7.84	8.85	7.91	7.94	7.66
New York	10.58	9.78	9.92	11.01	10.72	10.96	9.80
North Carolina	NA	9.79	9.89	NA	NA	13.88	11.81
North Dakota	6.51	5.89	7.59	7.61	6.48	6.81	5.94
Ohio	NA	6.84	7.92	10.32	7.78	NA	7.19
Oklahoma	8.82	7.58	8.22	13.16	10.28	8.77	7.12
Oregon	10.08	11.91	12.00	11.15	R10.83	R10.04	R9.30
Pennsylvania	NA	9.01	10.36	11.71	10.35	10.35	NA
Rhode Island	12.80	12.72	13.22	13.18	12.79	12.72	12.58
South Carolina	13.97	10.58	10.21	17.57	11.90	15.19	13.63
South Dakota	7.42	6.66	7.84	7.79	7.52	7.87	6.94
Tennessee	9.35	7.66	8.49	11.05	9.69	9.36	8.62
Texas	11.16	8.65	8.52	15.82	12.36	10.76	9.67
Utah	8.78	8.88	9.88	9.15	9.18	8.79	8.40
Vermont	12.56	12.89	13.35	12.83	12.42	12.37	12.69
Virginia	NA	9.55	10.26	14.09	NA	12.27	R10.60
Washington	10.10	9.66	11.82	10.68	10.26	10.06	9.77
West Virginia	8.50	8.55	9.94	9.57	8.48	8.41	8.21
Wisconsin	7.91	7.41	8.18	9.04	7.50	7.57	8.06
Wyoming	8.14	7.63	8.94	9.31	8.50	8.08	7.50
Total	9.97	8.73	9.43	11.38	R9.91	10.05	9.38

See footnotes at end of table.

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

State	2016						
	Total	December	November	October	September	August	July
Alabama	14.05	14.27	19.09	21.22	21.13	21.26	20.57
Alaska	9.81	9.51	9.73	10.07	11.36	12.66	12.98
Arizona	15.19	12.63	15.60	18.61	20.69	22.29	21.49
Arkansas	11.35	10.83	17.74	18.42	19.07	18.86	17.01
California	11.91	13.16	12.40	13.39	13.34	12.90	11.97
Colorado	7.38	6.48	7.42	9.75	12.12	14.28	14.02
Connecticut	12.91	11.73	13.28	16.63	22.18	24.07	21.75
Delaware	11.88	11.53	13.74	19.78	22.48	24.20	21.34
District of Columbia	11.38	11.10	13.87	13.09	19.45	20.11	18.38
Florida	19.25	17.85	20.38	23.28	23.87	24.82	24.18
Georgia	NA	12.31	16.53	25.30	NA	25.99	25.97
Hawaii	36.40	37.48	34.09	37.47	35.35	34.86	34.76
Idaho	8.11	7.19	7.34	8.21	9.46	10.13	9.85
Illinois	7.88	6.75	8.71	12.17	16.73	17.33	16.50
Indiana	NA	6.33	8.38	11.79	17.47	18.38	18.70
Iowa	NA	6.93	10.22	NA	16.31	17.63	16.05
Kansas	9.85	8.61	9.38	18.32	19.93	21.71	20.10
Kentucky	10.12	8.63	11.42	19.41	22.87	24.40	23.01
Louisiana	11.56	11.23	15.24	16.56	16.17	16.97	16.27
Maine	NA	NA	13.32	15.77	NA	22.81	21.90
Maryland	11.71	11.00	13.43	17.66	20.58	21.29	20.13
Massachusetts	12.57	13.27	13.38	13.82	15.10	15.35	14.55
Michigan	8.17	7.32	7.95	9.34	12.80	14.59	13.45
Minnesota	7.98	7.28	7.95	9.47	13.15	13.32	13.45
Mississippi	10.23	9.01	13.66	16.14	15.44	16.26	15.93
Missouri	10.93	9.07	15.24	21.68	23.99	26.38	24.82
Montana	7.26	6.72	7.35	7.91	10.04	11.09	10.30
Nebraska	7.98	7.03	10.04	13.26	15.67	16.07	14.98
Nevada	10.23	7.57	9.70	11.49	13.81	14.42	14.63
New Hampshire	NA	NA	14.97	19.46	24.66	24.61	23.02
New Jersey	8.32	8.50	9.11	10.38	11.90	12.27	11.49
New Mexico	8.04	7.60	10.06	12.57	14.34	15.18	13.85
New York	10.83	9.59	10.91	14.83	17.32	17.86	16.65
North Carolina	NA	10.62	11.90	18.56	NA	NA	22.54
North Dakota	7.21	5.69	6.97	8.50	16.30	20.07	20.52
Ohio	9.13	7.91	10.14	18.80	26.09	27.29	25.47
Oklahoma	10.58	8.38	18.87	24.83	26.11	29.01	24.73
Oregon	NA	9.58	NA	12.12	14.69	17.04	NA
Pennsylvania	10.13	9.16	10.56	13.51	18.78	19.38	18.24
Rhode Island	13.80	13.03	14.27	17.92	20.26	20.37	19.20
South Carolina	12.68	11.67	13.61	22.25	25.36	25.66	26.97
South Dakota	7.62	6.76	9.62	10.49	13.40	14.20	13.53
Tennessee	NA	8.75	12.14	NA	17.53	18.91	17.06
Texas	NA	10.73	18.47	20.14	21.01	22.75	19.33
Utah	9.12	8.99	9.90	9.23	10.12	10.75	10.67
Vermont	14.15	13.13	14.31	18.75	22.57	23.02	21.11
Virginia	11.10	10.42	12.99	16.38	21.29	21.37	19.95
Washington	NA	9.69	10.65	11.11	13.41	15.55	NA
West Virginia	9.26	8.22	8.92	11.65	16.69	18.41	17.03
Wisconsin	8.08	7.41	8.26	9.20	14.30	15.05	14.32
Wyoming	NA	7.31	8.76	10.24	15.66	16.52	NA
Total	10.07	9.07	10.76	13.75	16.82	17.65	16.58

See footnotes at end of table.

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

State	2016						2015
	June	May	April	March	February	January	Total
Alabama	19.30	17.16	14.45	12.15	11.26	12.14	14.13
Alaska	12.14	10.41	9.63	9.09	8.99	8.87	9.64
Arizona	19.48	17.44	16.54	18.06	13.83	11.99	17.04
Arkansas	15.57	13.88	11.01	10.44	9.16	9.65	11.58
California	11.37	11.52	10.50	10.60	11.53	11.46	11.39
Colorado	12.51	7.09	6.87	6.71	6.48	6.10	8.27
Connecticut	19.19	15.03	12.87	11.74	10.67	10.34	12.50
Delaware	17.54	13.44	11.47	10.24	9.71	10.09	12.62
District of Columbia	15.35	12.56	10.55	10.72	9.53	9.96	11.98
Florida	22.59	20.69	17.98	17.20	16.13	16.92	19.55
Georgia	24.64	20.07	16.27	12.90	10.90	10.74	14.62
Hawaii	42.55	39.90	36.85	36.99	33.65	33.36	40.08
Idaho	9.77	9.18	8.91	8.76	8.20	7.97	8.59
Illinois	12.62	10.49	7.53	7.08	6.30	5.84	7.97
Indiana	16.30	9.95	NA	7.97	6.33	6.50	8.92
Iowa	13.28	8.74	NA	7.33	6.52	6.52	8.51
Kansas	18.90	13.40	11.06	9.41	7.89	7.26	10.17
Kentucky	20.11	14.80	10.30	8.73	7.60	7.83	10.87
Louisiana	14.16	13.40	11.33	10.51	8.70	9.43	10.91
Maine	18.01	13.48	12.57	12.99	13.08	13.12	16.79
Maryland	16.04	12.63	11.48	11.02	9.44	9.93	12.03
Massachusetts	12.84	12.46	12.02	11.70	12.08	11.99	13.02
Michigan	12.96	9.61	7.81	7.79	7.58	7.26	8.81
Minnesota	11.67	9.83	7.59	7.63	7.10	7.02	8.79
Mississippi	14.15	13.16	10.94	9.17	8.09	8.57	9.70
Missouri	19.70	15.58	11.31	9.30	8.12	7.98	11.60
Montana	8.34	7.18	6.75	7.00	6.88	6.80	8.26
Nebraska	12.33	9.22	7.60	6.99	6.49	6.43	8.86
Nevada	12.99	11.92	11.25	10.84	9.75	9.12	11.82
New Hampshire	18.19	13.97	12.22	11.76	12.70	14.05	16.18
New Jersey	10.78	9.49	8.99	8.24	6.86	6.55	8.32
New Mexico	11.38	8.73	7.48	7.06	6.44	6.35	8.63
New York	14.69	10.98	9.87	9.63	9.43	10.28	11.20
North Carolina	19.64	16.44	13.13	12.63	9.07	8.77	11.57
North Dakota	19.22	9.53	6.91	6.31	5.61	5.50	8.15
Ohio	19.24	11.70	8.02	7.14	6.43	6.46	9.51
Oklahoma	19.82	16.74	10.97	8.93	6.82	6.54	10.24
Oregon	16.31	15.69	14.17	12.40	12.29	10.63	12.43
Pennsylvania	15.54	11.32	9.86	9.46	8.60	8.70	11.04
Rhode Island	16.89	14.49	13.42	12.64	12.35	12.73	14.24
South Carolina	24.19	18.70	15.24	13.53	9.79	9.07	12.65
South Dakota	11.38	7.76	6.89	7.16	6.61	6.31	8.30
Tennessee	14.76	12.45	9.50	7.86	7.25	7.38	9.62
Texas	NA	16.33	11.63	10.02	7.79	7.77	10.62
Utah	9.81	8.89	8.96	9.50	8.79	8.58	9.72
Vermont	18.40	14.26	13.30	12.66	12.53	13.24	14.56
Virginia	15.54	12.71	10.65	10.21	8.78	9.47	11.64
Washington	NA	9.90	9.45	9.96	10.22	9.18	11.80
West Virginia	15.58	11.73	9.36	8.82	8.31	8.31	10.48
Wisconsin	10.57	8.64	7.58	7.40	7.25	7.46	8.54
Wyoming	11.00	8.49	8.23	7.60	7.61	7.32	9.33
Total	14.49	11.63	9.65	9.21	8.39	8.32	10.38

See footnotes at end of table.

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

State	2015						
	December	November	October	September	August	July	June
Alabama	14.48	17.89	19.36	20.73	20.86	20.60	19.61
Alaska	8.76	8.86	9.40	9.81	11.41	11.66	11.29
Arizona	12.75	14.57	20.78	23.02	24.02	23.60	21.54
Arkansas	10.48	13.97	17.62	18.98	19.43	17.76	16.16
California	11.38	10.31	11.54	11.92	11.86	11.69	11.73
Colorado	6.48	6.92	9.31	13.17	13.68	14.38	11.28
Connecticut	11.84	12.53	15.33	21.54	19.36	18.26	17.41
Delaware	11.09	14.03	18.50	23.22	23.75	21.80	20.74
District of Columbia	10.25	12.06	15.52	17.40	17.38	16.93	16.63
Florida	19.43	21.87	23.71	24.76	24.94	24.67	22.91
Georgia	13.97	14.73	19.81	24.96	24.03	24.71	23.63
Hawaii	38.28	38.53	37.46	36.41	37.50	45.21	48.71
Idaho	7.87	7.71	8.90	9.53	10.93	10.69	10.08
Illinois	6.30	7.13	9.70	15.39	16.41	15.13	13.63
Indiana	6.93	7.34	9.29	15.25	17.74	17.99	17.88
Iowa	7.31	8.43	13.18	16.44	17.39	15.71	13.02
Kansas	7.79	7.97	14.33	19.63	20.74	19.33	17.65
Kentucky	9.35	10.99	16.11	21.00	22.21	23.11	21.52
Louisiana	10.90	13.82	15.07	15.86	16.50	15.46	14.98
Maine	13.17	12.75	15.03	21.77	22.85	20.77	17.13
Maryland	13.09	12.69	13.48	19.36	19.04	18.40	18.32
Massachusetts	12.69	11.18	10.75	13.26	13.82	13.29	12.18
Michigan	7.57	7.91	8.96	13.26	13.57	13.69	12.54
Minnesota	7.12	7.67	9.27	12.68	12.93	13.22	13.46
Mississippi	9.70	12.11	13.94	15.36	15.79	14.84	14.40
Missouri	9.51	13.97	20.52	23.90	25.52	24.26	20.79
Montana	6.85	7.39	9.07	11.11	11.86	11.75	10.06
Nebraska	6.83	9.43	13.81	15.57	15.66	14.76	12.18
Nevada	8.96	10.80	14.95	16.14	16.41	16.72	15.51
New Hampshire	15.06	14.11	17.88	22.91	22.68	19.23	16.48
New Jersey	7.80	9.03	10.24	12.30	12.42	11.96	11.35
New Mexico	6.76	8.27	13.08	14.85	14.92	14.55	11.79
New York	11.43	12.26	14.24	17.50	17.30	17.09	16.26
North Carolina	12.87	12.15	14.61	21.77	21.94	21.14	20.97
North Dakota	5.60	6.56	9.57	16.93	19.37	21.03	17.34
Ohio	7.40	9.68	15.37	24.33	25.48	23.85	19.97
Oklahoma	7.34	14.37	23.34	25.17	26.60	23.07	19.17
Oregon	10.84	12.69	13.54	14.45	17.09	16.20	15.54
Pennsylvania	9.82	10.53	12.23	18.26	18.56	17.76	15.77
Rhode Island	13.49	15.48	19.04	21.00	20.94	19.74	17.85
South Carolina	15.36	14.91	16.37	23.95	22.77	24.65	24.58
South Dakota	6.63	8.04	10.43	14.36	14.99	14.53	12.35
Tennessee	9.22	11.74	14.40	17.34	19.64	17.59	16.13
Texas	9.31	15.49	19.18	20.90	21.08	18.26	16.56
Utah	8.75	9.22	10.85	10.89	10.84	10.69	9.90
Vermont	13.84	14.89	18.41	23.16	23.04	21.69	19.41
Virginia	12.14	11.77	15.88	19.54	21.20	20.34	19.54
Washington	9.74	9.87	13.00	14.48	17.17	16.98	16.72
West Virginia	8.86	9.62	12.22	17.56	19.08	19.83	17.05
Wisconsin	7.46	7.98	8.51	12.94	14.20	13.41	13.24
Wyoming	7.05	8.44	12.66	15.66	16.07	15.70	11.34
Total	9.27	10.02	12.60	16.40	16.89	16.28	15.07

See footnotes at end of table.

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

State	2015				
	May	April	March	February	January
Alabama	17.89	15.37	12.15	12.21	12.80
Alaska	10.87	10.03	9.68	9.64	9.51
Arizona	19.21	18.94	18.94	18.88	14.36
Arkansas	13.91	11.66	9.99	10.90	10.65
California	11.35	10.93	11.29	11.53	11.68
Colorado	9.25	8.07	8.50	7.97	8.05
Connecticut	14.40	12.54	11.00	11.10	11.67
Delaware	16.05	12.74	11.27	11.33	11.23
District of Columbia	14.34	12.16	11.94	10.50	11.34
Florida	21.53	19.02	16.40	16.15	16.83
Georgia	19.84	15.91	12.21	11.05	11.66
Hawaii	45.31	40.85	39.78	38.87	35.07
Idaho	9.21	8.86	9.12	8.79	8.64
Illinois	11.47	8.42	7.45	6.46	7.30
Indiana	13.44	10.66	9.24	7.55	8.13
Iowa	10.07	8.50	7.75	7.14	7.52
Kansas	14.49	13.64	9.74	8.59	9.20
Kentucky	17.11	12.94	8.96	8.92	9.48
Louisiana	13.55	11.26	8.83	9.21	9.34
Maine	16.58	17.33	17.52	17.45	17.91
Maryland	16.78	11.48	10.71	10.10	11.18
Massachusetts	12.74	12.71	12.44	13.59	14.51
Michigan	10.54	8.89	8.37	8.39	8.61
Minnesota	10.59	8.85	9.45	8.23	8.56
Mississippi	12.92	10.53	8.23	8.25	8.14
Missouri	17.02	12.66	9.26	9.63	9.45
Montana	8.48	8.25	8.06	8.21	8.39
Nebraska	10.32	9.15	7.91	7.89	8.31
Nevada	14.34	13.30	11.84	11.40	10.42
New Hampshire	15.12	15.10	15.33	16.20	17.43
New Jersey	9.56	7.33	7.49	7.82	7.81
New Mexico	9.92	8.92	7.56	7.37	8.05
New York	12.68	10.19	9.34	9.79	10.51
North Carolina	17.62	14.25	10.08	8.93	10.05
North Dakota	10.19	8.59	7.52	7.02	7.85
Ohio	13.50	9.15	7.76	7.54	7.91
Oklahoma	15.76	12.21	7.52	8.07	7.83
Oregon	14.00	11.78	13.23	12.37	11.18
Pennsylvania	13.63	10.81	10.03	10.31	10.53
Rhode Island	15.79	13.88	13.07	12.93	13.23
South Carolina	21.23	16.92	10.67	8.83	10.20
South Dakota	9.18	8.46	8.04	7.58	7.71
Tennessee	14.17	10.41	7.57	8.47	8.72
Texas	15.76	11.59	7.93	7.94	8.63
Utah	9.54	9.98	9.99	10.40	9.44
Vermont	15.81	13.73	13.09	13.00	13.79
Virginia	15.69	11.62	10.17	9.31	10.81
Washington	14.22	12.22	12.05	11.82	11.45
West Virginia	12.88	10.93	9.90	9.79	9.80
Wisconsin	9.38	6.93	8.38	8.11	8.60
Wyoming	9.65	9.49	8.78	8.98	8.77
Total	12.73	10.44	9.28	9.08	9.50

^R Revised data.

^{NA} Not available.

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

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

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

State	2017	2016	2015	2017			
	4-Month YTD	4-Month YTD	4-Month YTD	April	March	February	January
Alabama	11.74	10.09	10.93	12.57	11.72	11.61	11.38
Alaska	8.73	7.88	8.35	8.70	8.74	8.69	8.78
Arizona	8.50	9.23	11.16	8.99	8.84	8.23	8.19
Arkansas	8.17	7.08	8.65	8.73	8.42	8.29	7.74
California	9.39	8.01	8.57	8.84	9.50	9.37	9.64
Colorado	6.82	5.91	7.73	6.97	7.09	6.91	6.56
Connecticut	8.89	NA	8.11	9.26	8.34	9.53	8.62
Delaware	9.89	8.80	10.25	10.15	10.00	9.85	9.68
District of Columbia	10.99	9.75	11.25	11.60	11.58	11.16	9.92
Florida	11.47	10.52	10.92	11.48	11.56	11.67	11.19
Georgia	8.48	7.02	8.28	9.11	8.44	8.68	8.10
Hawaii	29.09	25.82	29.96	29.15	29.62	29.34	28.33
Idaho	6.62	7.31	7.80	7.15	6.93	6.60	6.34
Illinois	7.45	6.02	6.68	9.17	7.27	7.62	6.93
Indiana	7.46	NA	7.64	9.60	6.87	7.72	7.07
Iowa	6.43	5.48	6.38	6.88	6.15	6.44	6.45
Kansas	9.04	7.39	8.70	10.23	9.36	9.21	8.41
Kentucky	8.57	6.81	8.34	10.36	8.67	8.86	7.76
Louisiana	NA	7.75	8.35	8.80	NA	NA	NA
Maine	11.14	10.86	16.00	10.69	10.82	11.34	11.54
Maryland	NA	8.39	9.46	NA	9.29	10.05	9.62
Massachusetts	NA	9.35	11.63	NA	NA	9.92	9.77
Michigan	6.81	6.56	7.50	7.28	6.77	6.83	6.62
Minnesota	NA	6.22	7.70	NA	6.36	6.93	7.08
Mississippi	9.22	7.85	7.88	9.01	8.98	9.41	9.34
Missouri	7.66	7.19	8.68	8.35	8.12	7.53	7.24
Montana	7.03	6.80	8.27	7.26	7.20	7.23	6.70
Nebraska	6.34	5.37	6.95	5.95	6.31	6.62	6.30
Nevada	5.13	7.42	8.84	5.38	5.14	5.02	5.09
New Hampshire	10.97	10.39	14.12	10.15	10.63	11.68	11.26
New Jersey	8.99	7.51	8.59	7.83	8.95	8.97	9.58
New Mexico	6.18	5.18	6.16	5.99	6.00	6.41	6.18
New York	NA	6.45	7.26	NA	7.04	7.43	6.78
North Carolina	NA	7.21	7.71	10.11	NA	9.97	8.79
North Dakota	5.85	5.10	6.96	5.66	5.66	6.30	5.73
Ohio	NA	5.26	6.31	6.26	NA	6.18	6.07
Oklahoma	7.03	5.97	7.08	9.68	8.01	6.96	6.01
Oregon	8.63	9.61	10.29	9.18	9.03	8.57	8.22
Pennsylvania	NA	7.53	9.30	NA	9.18	8.62	8.35
Rhode Island	10.36	10.36	11.26	10.63	10.42	10.45	10.02
South Carolina	9.75	8.12	8.38	9.46	8.66	10.25	10.47
South Dakota	NA	5.23	6.43	NA	5.81	6.48	5.82
Tennessee	8.57	7.06	8.15	8.83	8.57	8.62	8.40
Texas	7.56	5.99	6.76	7.76	7.32	7.65	7.54
Utah	7.46	7.56	8.42	7.47	7.71	7.48	7.29
Vermont	7.67	6.76	8.93	7.57	7.35	7.61	8.07
Virginia	NA	6.92	8.00	8.08	NA	8.81	7.87
Washington	8.09	7.92	10.13	8.20	8.14	8.15	7.96
West Virginia	7.29	7.42	8.98	7.91	7.26	7.20	7.15
Wisconsin	6.72	6.32	7.14	6.93	6.37	6.47	7.05
Wyoming	6.84	6.37	7.77	7.10	6.96	6.97	6.56
Total	7.76	6.87	7.95	8.04	7.68	7.89	7.58

See footnotes at end of table.

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

State							2016
	Total	December	November	October	September	August	July
Alabama	NA	11.25	NA	11.95	11.82	11.88	11.74
Alaska	8.34	8.75	8.68	8.85	8.76	8.78	9.07
Arizona	8.80	8.00	8.19	8.49	8.61	8.62	8.72
Arkansas	NA	NA	NA	7.00	6.87	7.28	7.02
California	8.44	9.98	9.29	9.09	9.17	8.76	8.08
Colorado	6.44	6.19	6.63	8.03	8.45	9.30	8.39
Connecticut	NA	7.93	8.61	10.00	10.65	11.75	11.16
Delaware	9.58	9.88	10.37	11.42	11.86	12.11	11.51
District of Columbia	10.29	10.26	12.08	9.76	11.67	12.32	12.12
Florida	10.58	11.04	10.77	10.79	10.72	10.49	10.46
Georgia	7.66	7.32	8.50	8.99	9.22	9.27	9.05
Hawaii	27.02	27.61	25.04	27.71	27.32	25.57	25.24
Idaho	7.10	6.48	6.48	6.97	7.67	7.62	7.70
Illinois	NA	6.44	8.08	9.03	12.30	NA	12.25
Indiana	NA	5.66	7.29	7.25	9.50	10.00	10.99
Iowa	NA	5.95	6.47	6.85	NA	8.13	7.81
Kansas	8.36	7.60	8.48	11.26	13.52	13.72	12.86
Kentucky	7.85	7.45	8.89	10.76	11.27	11.97	10.99
Louisiana	NA	8.90	8.30	8.55	8.37	8.35	NA
Maine	10.70	11.05	10.33	10.35	11.27	10.50	10.46
Maryland	9.06	8.96	10.21	11.04	11.95	11.65	11.50
Massachusetts	9.47	10.06	9.97	9.53	9.72	9.79	9.34
Michigan	6.86	6.57	6.92	7.56	9.00	9.22	8.71
Minnesota	6.42	6.29	6.26	6.71	7.86	7.77	7.88
Mississippi	7.85	8.15	8.62	8.15	7.60	7.53	7.65
Missouri	7.91	7.72	9.22	9.61	9.89	10.48	10.40
Montana	7.09	6.69	7.25	7.62	8.95	9.08	8.59
Nebraska	5.47	5.81	5.89	5.79	5.95	6.02	5.32
Nevada	6.84	5.37	5.78	6.24	6.87	6.89	7.22
New Hampshire	11.36	11.91	11.98	13.58	16.21	16.40	16.48
New Jersey	7.94	8.61	9.24	8.79	8.74	8.72	8.68
New Mexico	5.76	6.13	6.68	6.94	7.44	7.25	6.94
New York	6.09	6.43	5.62	5.57	5.27	5.26	5.54
North Carolina	NA	8.38	8.07	7.98	8.21	NA	8.79
North Dakota	5.45	5.43	5.60	5.82	6.74	7.30	7.01
Ohio	5.79	5.73	6.07	7.23	7.30	8.13	7.56
Oklahoma	NA	6.88	NA	14.50	14.80	15.07	13.84
Oregon	NA	8.16	9.57	9.57	10.28	10.75	NA
Pennsylvania	8.09	7.88	8.24	9.09	10.94	10.76	10.99
Rhode Island	11.16	10.27	11.48	14.53	16.35	15.78	15.43
South Carolina	8.45	9.51	9.05	9.06	8.59	8.52	8.74
South Dakota	5.65	5.73	5.98	6.31	7.17	7.91	6.99
Tennessee	NA	8.21	9.04	NA	9.07	9.49	8.68
Texas	6.87	7.58	8.22	8.49	8.13	8.24	7.50
Utah	7.43	7.65	7.50	6.71	6.84	7.10	7.01
Vermont	6.63	7.48	7.07	6.19	6.33	5.59	5.87
Virginia	7.38	7.75	7.73	7.89	8.84	8.57	8.36
Washington	NA	7.87	8.31	8.49	9.14	9.54	9.06
West Virginia	7.76	7.11	7.52	8.73	10.01	10.29	10.16
Wisconsin	6.29	6.50	6.48	5.87	6.56	6.55	6.98
Wyoming	6.52	6.51	6.74	6.83	7.11	6.80	6.90
Total	7.25	7.25	7.60	7.94	8.28	8.25	8.10

See footnotes at end of table.

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

State	2016						2015
	June	May	April	March	February	January	Total
Alabama	11.31	10.62	10.63	10.20	9.85	9.97	11.26
Alaska	8.41	8.00	7.90	7.87	7.87	7.88	8.01
Arizona	8.70	8.78	9.07	9.74	9.32	8.94	10.53
Arkansas	7.35	7.23	6.97	7.23	6.86	7.28	8.43
California	7.44	7.35	7.19	8.18	8.49	8.04	8.04
Colorado	7.65	6.16	5.98	5.94	5.97	5.81	7.47
Connecticut	11.82	9.87	9.37	7.93	7.29	NA	8.60
Delaware	10.87	10.03	9.33	8.79	8.58	8.75	10.70
District of Columbia	11.31	10.24	10.24	10.21	9.30	9.50	11.07
Florida	10.40	10.18	10.27	10.48	10.61	10.69	10.92
Georgia	8.44	8.11	7.89	7.33	6.98	6.58	8.58
Hawaii	32.82	30.04	28.09	27.26	23.66	24.18	31.17
Idaho	7.79	7.69	7.80	7.59	7.20	7.08	7.59
Illinois	10.92	9.47	6.99	6.50	5.88	5.54	7.29
Indiana	9.37	7.09	NA	6.94	5.59	5.91	7.61
Iowa	7.11	5.81	5.54	5.80	5.40	5.35	6.50
Kansas	12.41	10.11	8.34	8.91	7.22	6.72	8.87
Kentucky	10.72	9.14	7.96	7.07	6.36	6.70	8.75
Louisiana	7.26	7.33	7.19	7.77	7.77	8.10	8.07
Maine	10.04	9.54	9.71	10.79	11.16	11.36	14.16
Maryland	9.79	8.22	8.32	8.82	8.14	8.37	9.80
Massachusetts	8.48	9.21	9.44	9.13	9.49	9.33	10.81
Michigan	8.17	7.04	6.54	6.54	6.61	6.54	7.51
Minnesota	7.06	6.38	6.15	6.41	6.23	6.13	7.31
Mississippi	7.08	7.56	8.09	7.87	7.59	7.98	7.86
Missouri	9.41	8.56	7.93	7.23	6.96	7.10	9.14
Montana	7.74	6.93	6.64	6.92	6.87	6.76	8.13
Nebraska	5.08	4.73	5.00	5.39	5.47	5.42	6.40
Nevada	7.08	7.04	7.25	7.59	7.48	7.34	8.66
New Hampshire	13.28	11.22	9.96	9.55	10.47	11.46	13.63
New Jersey	7.72	7.15	6.80	7.50	7.66	7.76	8.50
New Mexico	6.14	5.54	5.33	5.27	5.09	5.14	6.32
New York	5.72	5.98	6.16	6.39	6.58	6.57	6.86
North Carolina	8.54	8.04	7.80	8.56	6.99	6.65	8.27
North Dakota	6.69	5.37	4.62	5.21	5.16	5.20	6.62
Ohio	6.96	6.10	5.30	5.27	5.25	5.26	6.39
Oklahoma	12.34	10.91	8.11	6.80	5.43	5.40	8.12
Oregon	12.20	11.58	10.38	9.85	9.72	9.05	10.09
Pennsylvania	10.56	8.85	8.06	8.16	7.31	7.14	9.32
Rhode Island	13.58	11.51	10.79	10.32	10.10	10.37	11.99
South Carolina	7.82	7.46	8.39	8.39	8.16	7.83	8.49
South Dakota	6.47	5.08	4.95	5.60	5.36	5.05	6.22
Tennessee	8.28	7.60	7.59	7.01	7.00	6.93	8.46
Texas	6.70	6.82	6.12	6.15	5.83	5.97	6.95
Utah	6.84	6.77	7.37	7.91	7.55	7.46	7.97
Vermont	5.51	6.71	6.60	6.22	7.00	7.14	7.89
Virginia	7.81	7.32	6.72	7.26	6.75	6.95	8.13
Washington	NA	7.82	7.73	7.76	8.35	7.82	9.77
West Virginia	9.80	9.02	7.90	7.58	7.31	7.25	9.14
Wisconsin	5.26	5.30	5.98	6.07	6.36	6.59	6.78
Wyoming	7.01	6.45	6.46	6.47	6.35	6.26	7.43
Total	7.70	7.29	6.95	7.05	6.83	6.74	7.91

See footnotes at end of table.

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

State	2015						
	December	November	October	September	August	July	June
Alabama	10.95	11.70	11.63	11.99	12.17	12.13	12.07
Alaska	7.54	7.59	7.86	7.21	8.23	8.14	8.62
Arizona	9.17	9.36	10.15	10.41	10.53	10.68	10.84
Arkansas	7.43	8.01	7.86	8.44	8.64	8.25	8.36
California	8.29	7.25	7.75	7.90	7.93	7.74	7.72
Colorado	6.10	6.40	7.73	9.17	9.33	9.41	8.39
Connecticut	8.22	8.51	9.57	10.58	9.56	9.33	10.13
Delaware	9.15	10.82	12.54	13.93	13.86	13.35	12.71
District of Columbia	9.59	10.81	11.19	11.02	10.71	10.68	11.24
Florida	11.05	10.83	10.74	11.27	11.02	10.86	11.03
Georgia	7.88	9.81	8.74	9.47	9.16	9.20	9.10
Hawaii	28.72	28.13	27.06	28.60	30.45	36.02	38.76
Idaho	7.10	6.91	7.63	7.98	8.10	8.39	7.97
Illinois	6.03	6.66	8.26	12.57	12.77	11.61	11.56
Indiana	6.19	6.07	6.21	8.06	10.80	10.94	11.19
Iowa	5.70	6.43	6.50	8.10	8.91	8.42	7.30
Kansas	7.11	7.28	9.43	12.52	12.03	12.47	12.49
Kentucky	7.69	8.58	9.37	10.49	11.27	11.91	11.47
Louisiana	8.01	7.80	7.77	7.74	7.85	7.87	7.83
Maine	11.11	10.30	8.48	11.27	12.08	11.96	11.22
Maryland	10.23	9.37	9.78	10.88	11.37	10.76	11.50
Massachusetts	9.99	8.56	7.35	8.52	8.99	8.93	8.34
Michigan	6.61	6.85	7.48	9.06	9.19	9.33	8.92
Minnesota	6.12	6.21	6.44	7.74	8.05	8.19	8.88
Mississippi	7.76	8.02	7.85	7.88	7.71	7.82	7.86
Missouri	7.87	9.85	11.05	10.74	11.89	11.91	11.17
Montana	6.85	7.32	8.54	9.73	9.81	9.79	9.16
Nebraska	5.23	5.55	5.78	6.29	6.11	5.90	5.39
Nevada	7.37	7.82	8.58	9.10	9.07	9.45	9.64
New Hampshire	12.39	11.15	12.30	14.76	14.78	13.74	12.55
New Jersey	8.22	8.64	8.08	8.21	8.76	8.64	8.33
New Mexico	5.28	6.09	7.67	7.65	7.65	7.52	6.77
New York	6.78	6.32	6.24	5.96	5.72	6.05	6.80
North Carolina	9.83	8.40	7.96	9.38	9.04	9.26	9.08
North Dakota	5.17	5.61	6.11	7.82	8.76	8.63	8.26
Ohio	5.33	5.81	6.55	7.71	7.73	7.85	7.53
Oklahoma	6.07	10.65	14.04	14.68	15.00	13.46	12.61
Oregon	9.36	8.64	10.49	10.43	11.45	11.07	11.27
Pennsylvania	8.07	8.21	8.80	11.00	11.14	12.00	11.18
Rhode Island	10.97	12.89	15.76	17.13	17.02	16.64	15.41
South Carolina	10.21	8.47	8.08	8.40	8.16	8.45	8.50
South Dakota	5.38	5.37	5.78	7.20	7.28	7.36	6.91
Tennessee	8.32	8.71	8.92	9.36	9.85	9.34	9.02
Texas	6.56	7.29	7.71	7.75	7.67	7.54	6.57
Utah	7.53	7.33	7.33	7.29	7.30	7.26	7.38
Vermont	7.37	6.65	6.20	6.97	6.91	6.10	6.78
Virginia	7.94	7.59	8.04	8.93	8.60	8.57	9.14
Washington	8.08	8.33	10.28	10.55	11.44	11.40	11.05
West Virginia	7.64	7.93	9.95	11.47	11.89	11.48	12.44
Wisconsin	6.25	6.47	5.49	6.32	6.58	6.56	6.88
Wyoming	6.22	6.67	7.18	7.84	7.58	7.77	7.92
Total	7.22	7.39	7.78	8.42	8.45	8.49	8.52

See footnotes at end of table.

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

State	2015				
	May	April	March	February	January
Alabama	11.76	11.78	10.69	10.81	10.95
Alaska	7.85	8.03	8.14	8.43	8.70
Arizona	10.76	10.85	11.41	11.76	10.73
Arkansas	8.30	8.13	8.40	8.93	8.87
California	7.03	7.89	8.70	8.58	8.96
Colorado	7.63	8.18	7.87	7.45	7.68
Connecticut	9.47	8.57	7.61	7.86	8.60
Delaware	11.90	10.60	10.26	10.11	10.19
District of Columbia	11.80	11.78	11.94	10.36	11.16
Florida	10.56	10.62	10.73	11.07	11.19
Georgia	8.69	8.68	8.02	8.15	8.44
Hawaii	36.86	32.56	31.08	30.83	25.72
Idaho	7.91	7.92	7.93	7.77	7.71
Illinois	10.12	7.69	6.82	6.15	6.83
Indiana	10.32	8.89	8.53	6.87	7.49
Iowa	6.48	6.23	6.44	6.22	6.55
Kansas	10.84	10.24	9.02	8.01	8.72
Kentucky	10.90	10.01	7.96	8.18	8.28
Louisiana	7.65	7.76	8.07	8.55	8.76
Maine	13.00	15.39	15.90	16.03	16.45
Maryland	11.27	9.33	9.22	9.38	9.83
Massachusetts	10.24	11.21	10.58	11.99	12.70
Michigan	7.92	7.27	7.35	7.52	7.69
Minnesota	7.35	7.55	8.35	7.17	7.88
Mississippi	7.86	8.00	7.66	7.88	8.04
Missouri	10.38	9.34	8.18	8.70	8.84
Montana	8.28	8.24	8.04	8.25	8.45
Nebraska	5.42	6.24	6.52	6.94	7.65
Nevada	9.64	9.24	8.94	8.82	8.60
New Hampshire	12.26	12.85	13.46	14.33	15.54
New Jersey	7.84	7.31	8.55	8.74	9.05
New Mexico	6.89	6.16	5.78	5.92	6.63
New York	6.65	7.24	7.11	7.18	7.52
North Carolina	8.85	8.27	7.17	7.27	8.28
North Dakota	6.58	6.55	6.76	6.78	7.41
Ohio	7.03	6.41	6.22	6.21	6.45
Oklahoma	11.23	9.20	6.60	7.01	6.95
Oregon	11.09	10.00	10.74	10.45	10.07
Pennsylvania	10.65	9.79	9.12	9.27	9.27
Rhode Island	13.02	11.73	11.13	11.11	11.23
South Carolina	8.06	8.38	7.86	8.15	8.96
South Dakota	6.46	6.36	6.54	6.32	6.48
Tennessee	9.04	8.68	7.33	8.21	8.58
Texas	6.89	6.66	6.41	6.54	7.25
Utah	7.48	8.18	8.51	8.77	8.23
Vermont	8.53	9.02	8.88	8.94	8.93
Virginia	9.08	8.19	7.64	7.66	8.59
Washington	10.64	10.16	10.12	10.14	10.11
West Virginia	10.70	9.54	8.97	8.88	8.87
Wisconsin	5.65	5.21	7.20	7.42	7.53
Wyoming	7.69	7.61	7.87	8.06	7.59
Total	8.13	8.02	7.84	7.81	8.14

^R Revised data.

^{NA} Not available.

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

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

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

State	2017	2016	2015	2017			
	4-Month YTD	4-Month YTD	4-Month YTD	April	March	February	January
Alabama	4.55	3.45	4.63	4.31	4.11	4.67	5.08
Alaska	6.94	5.90	6.92	6.81	6.96	6.99	6.99
Arizona	6.12	6.07	7.22	6.20	5.98	6.07	6.21
Arkansas	6.71	5.78	7.66	6.81	6.63	6.70	6.73
California	7.92	6.57	6.95	7.25	7.77	8.03	8.45
Colorado	5.40	4.52	6.01	5.17	5.59	5.47	5.35
Connecticut	NA	6.08	6.73	NA	NA	7.99	7.25
Delaware	9.15	8.10	9.98	9.06	9.56	9.10	8.93
District of Columbia	--	--	--	--	--	--	--
Florida	6.25	6.06	6.96	5.96	6.49	6.44	6.11
Georgia	NA	3.72	4.90	NA	4.24	4.95	5.41
Hawaii	17.29	14.74	19.22	17.06	17.41	17.83	16.90
Idaho	4.59	5.45	6.07	4.61	4.56	4.63	4.56
Illinois	6.09	4.50	5.63	6.32	5.88	6.16	6.13
Indiana	6.01	4.59	7.33	7.00	5.67	6.05	5.80
Iowa	NA	NA	5.64	4.89	NA	5.04	5.05
Kansas	5.20	4.13	5.16	4.58	^R 4.85	^R 6.45	^R 6.27
Kentucky	4.49	3.48	5.11	4.36	4.11	4.62	4.87
Louisiana	NA	2.71	3.56	4.69	NA	NA	4.45
Maine	9.31	8.49	14.99	9.28	9.27	9.35	9.33
Maryland	NA	8.38	9.35	NA	8.68	10.00	9.67
Massachusetts	8.85	8.16	10.52	8.86	8.74	9.02	8.80
Michigan	5.96	5.78	6.83	6.16	5.94	6.05	5.82
Minnesota	4.63	4.03	5.60	4.28	4.31	4.73	5.01
Mississippi	NA	4.39	5.54	NA	NA	NA	5.67
Missouri	NA	5.87	7.81	NA	6.99	NA	7.45
Montana	6.24	5.82	7.51	5.67	6.43	6.52	6.17
Nebraska	NA	4.15	4.97	4.30	NA	^R 5.20	4.69
Nevada	4.43	6.53	8.27	4.60	4.46	4.37	4.35
New Hampshire	9.60	8.67	12.45	8.88	9.13	10.27	10.13
New Jersey	NA	6.86	8.25	7.43	NA	NA	NA
New Mexico	NA	3.84	5.04	4.11	NA	NA	4.96
New York	7.29	6.22	7.21	7.74	7.39	7.35	6.81
North Carolina	6.54	5.46	6.92	6.37	6.37	6.68	6.69
North Dakota	3.17	2.35	3.67	2.87	2.65	3.43	3.93
Ohio	NA	NA	5.31	NA	NA	5.10	5.34
Oklahoma	6.45	6.77	7.38	8.79	7.30	6.45	5.53
Oregon	5.46	5.68	6.58	5.41	^R 5.56	^R 5.52	^R 5.37
Pennsylvania	8.10	6.96	8.48	8.78	8.11	8.01	7.88
Rhode Island	8.35	8.54	9.07	8.67	8.39	8.35	8.06
South Carolina	5.18	4.17	5.21	4.71	4.54	5.22	6.20
South Dakota	5.21	4.53	5.59	4.66	5.09	5.43	5.36
Tennessee	5.45	4.38	5.69	5.02	5.13	5.71	5.86
Texas	3.36	2.20	3.09	3.34	2.81	3.44	3.84
Utah	5.89	6.04	6.65	5.70	5.87	5.97	6.02
Vermont	5.55	5.05	5.82	5.04	5.34	5.67	6.02
Virginia	4.85	4.16	5.40	4.63	4.44	5.33	5.11
Washington	7.40	7.41	9.37	7.52	7.36	7.59	7.19
West Virginia	2.17	NA	3.45	1.99	2.17	2.37	2.14
Wisconsin	5.80	5.36	6.34	5.82	5.33	5.54	6.31
Wyoming	NA	3.78	5.82	4.24	4.37	^R 4.52	NA
Total	4.44	3.34	4.51	4.19	4.02	4.62	^R4.90

See footnotes at end of table.

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

State	2016						
	Total	December	November	October	September	August	July
Alabama	NA	NA	4.32	4.24	NA	3.81	3.98
Alaska	5.06	5.21	4.83	4.53	4.45	5.64	5.17
Arizona	5.75	5.89	5.77	5.56	5.51	6.02	5.76
Arkansas	5.65	6.61	5.72	4.70	5.17	5.96	5.35
California	6.90	8.58	7.59	7.38	7.47	7.02	6.40
Colorado	NA	4.79	5.17	NA	NA	7.03	6.21
Connecticut	6.09	6.09	5.63	5.98	6.08	6.17	6.19
Delaware	NA	9.10	NA	NA	NA	10.31	NA
District of Columbia	--	--	--	--	--	--	--
Florida	5.71	5.54	5.71	6.07	5.29	5.71	5.39
Georgia	4.01	4.76	4.28	4.33	4.42	4.25	4.14
Hawaii	15.70	16.57	16.80	15.85	15.65	16.03	16.51
Idaho	5.19	4.51	4.61	4.62	5.40	5.46	5.43
Illinois	NA	5.16	5.76	5.66	NA	7.08	NA
Indiana	4.87	5.15	5.23	4.91	5.72	5.93	5.70
Iowa	NA	4.97	4.51	4.76	4.78	4.18	4.49
Kansas	3.64	5.21	4.49	3.59	3.65	3.51	3.44
Kentucky	3.67	4.38	4.17	4.05	3.87	3.59	3.89
Louisiana	NA	NA	NA	3.50	3.33	3.15	3.37
Maine	7.69	9.45	8.83	5.99	6.13	5.99	5.58
Maryland	8.87	9.04	9.55	10.78	10.05	12.61	13.92
Massachusetts	7.94	9.03	8.76	7.46	6.51	6.80	6.76
Michigan	NA	5.71	5.62	6.20	NA	6.06	6.39
Minnesota	4.09	4.54	4.25	4.19	4.11	4.09	4.31
Mississippi	4.38	4.74	4.85	4.63	4.54	4.52	3.89
Missouri	6.02	6.68	6.42	5.79	5.87	6.09	6.70
Montana	5.65	5.76	5.54	5.45	5.67	6.32	4.84
Nebraska	3.95	4.42	4.17	3.92	3.99	3.89	3.60
Nevada	5.89	4.59	5.06	5.20	5.87	5.79	6.51
New Hampshire	8.59	10.11	9.06	7.58	8.06	8.21	8.24
New Jersey	NA	7.94	7.89	7.00	7.57	NA	NA
New Mexico	4.17	4.85	4.28	4.71	4.53	4.27	3.91
New York	5.97	6.17	5.71	5.58	5.30	5.75	5.61
North Carolina	5.39	6.07	5.42	5.23	5.23	5.16	5.11
North Dakota	2.57	3.38	2.80	2.86	2.82	3.68	2.98
Ohio	NA	5.14	5.66	6.30	6.67	6.71	NA
Oklahoma	NA	6.11	9.58	8.10	8.82	NA	NA
Oregon	5.73	5.50	5.82	5.74	5.65	5.72	5.58
Pennsylvania	NA	7.72	8.32	8.43	8.62	5.77	9.13
Rhode Island	8.70	8.00	8.83	9.01	9.16	9.22	8.91
South Carolina	4.46	5.63	5.06	4.75	4.63	4.50	4.73
South Dakota	4.78	4.78	4.94	5.09	6.12	6.01	5.20
Tennessee	4.40	5.27	4.76	4.67	4.46	4.31	4.38
Texas	2.65	3.35	2.94	3.22	3.16	3.01	2.98
Utah	5.51	5.88	5.17	4.96	4.93	5.00	5.02
Vermont	5.20	5.68	5.20	5.13	5.14	5.31	5.61
Virginia	4.16	4.51	4.20	4.15	4.20	4.28	3.91
Washington	7.39	7.30	7.17	7.12	7.26	7.69	7.67
West Virginia	NA	2.22	2.12	2.21	2.06	2.00	2.03
Wisconsin	5.03	5.64	5.33	4.63	4.60	4.28	4.63
Wyoming	3.96	4.58	4.64	4.27	3.93	3.93	3.60
Total	3.51	4.31	3.86	3.87	3.73	3.58	3.57

See footnotes at end of table.

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

State	2016						2015
	June	May	April	March	February	January	Total
Alabama	3.34	2.97	3.22	3.21	3.66	3.65	4.08
Alaska	4.58	3.69	6.36	6.75	6.74	4.88	6.86
Arizona	4.93	5.59	5.72	5.86	6.17	6.46	6.78
Arkansas	5.46	5.29	5.35	5.85	5.86	5.96	6.91
California	5.89	5.93	5.79	6.77	7.01	6.66	6.41
Colorado	5.50	4.28	4.39	4.99	4.53	4.24	5.74
Connecticut	6.05	6.58	6.84	5.84	5.71	6.10	6.35
Delaware	8.93	8.62	7.85	8.29	7.98	8.14	10.11
District of Columbia	--	--	--	--	--	--	--
Florida	5.25	5.14	5.66	6.22	6.05	6.30	6.43
Georgia	3.54	3.50	3.45	3.46	3.95	4.02	4.42
Hawaii	16.92	15.05	14.45	13.73	14.45	16.17	19.03
Idaho	5.46	5.44	5.50	5.46	5.46	5.41	5.83
Illinois	5.43	NA	4.89	4.69	4.50	4.24	5.47
Indiana	4.96	4.10	4.39	4.67	4.85	4.44	6.36
Iowa	4.28	3.92	4.28	4.68	NA	5.30	5.28
Kansas	3.27	3.34	3.40	4.24	6.18	6.67	4.24
Kentucky	2.91	3.26	2.87	3.38	3.71	3.86	4.45
Louisiana	2.47	2.55	2.48	2.39	2.92	3.06	3.31
Maine	5.55	5.78	8.46	8.51	8.52	8.46	8.95
Maryland	9.88	7.42	7.63	8.62	8.52	8.37	9.70
Massachusetts	6.59	7.79	8.04	7.98	8.36	8.21	9.22
Michigan	6.00	5.76	5.59	5.61	5.96	5.82	6.60
Minnesota	3.61	3.51	3.42	3.80	4.25	4.30	4.87
Mississippi	3.88	3.75	4.03	4.31	4.55	4.62	4.75
Missouri	5.78	5.29	5.77	5.84	6.02	5.80	7.58
Montana	6.18	4.82	5.40	5.52	6.27	5.88	6.53
Nebraska	3.29	3.20	3.69	4.23	4.23	4.32	4.56
Nevada	6.10	5.99	6.21	6.73	6.65	6.49	8.07
New Hampshire	7.14	7.48	7.90	7.98	8.96	9.60	10.33
New Jersey	7.12	6.12	5.60	7.52	6.81	7.02	8.09
New Mexico	3.49	3.38	3.45	3.75	4.05	4.24	4.62
New York	5.60	5.77	5.93	6.25	6.29	6.28	6.62
North Carolina	5.05	5.07	5.29	5.66	5.57	5.30	6.34
North Dakota	2.09	1.91	2.09	2.10	2.83	2.43	3.13
Ohio	NA	5.53	NA	4.20	4.29	4.46	5.35
Oklahoma	NA	9.14	8.07	5.61	5.42	9.95	7.51
Oregon	\$6.81	\$5.40	\$5.50	\$5.84	\$5.78	\$5.61	6.28
Pennsylvania	NA	NA	6.72	7.21	6.81	7.07	8.59
Rhode Island	8.76	8.91	8.77	8.40	8.44	8.61	9.26
South Carolina	3.80	3.78	3.41	3.79	4.46	5.12	4.64
South Dakota	4.78	4.33	4.10	4.50	4.51	4.83	5.34
Tennessee	3.65	3.75	3.80	4.24	4.73	4.65	5.06
Texas	2.16	2.14	2.08	1.88	2.39	2.45	2.89
Utah	5.10	5.14	5.68	5.97	6.44	6.07	5.93
Vermont	4.97	5.13	4.93	4.96	5.17	5.14	5.50
Virginia	4.06	3.84	3.56	4.13	4.22	4.51	5.02
Washington	8.07	7.25	7.31	7.39	7.64	7.30	8.91
West Virginia	2.11	2.02	2.76	NA	2.35	2.17	3.17
Wisconsin	3.44	3.97	5.05	4.94	5.45	5.74	5.65
Wyoming	3.65	3.70	3.65	3.68	3.82	3.95	5.07
Total	\$2.89	2.90	2.99	3.04	3.63	3.62	3.91

See footnotes at end of table.

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

State	2015						
	December	November	October	September	August	July	June
Alabama	3.61	3.45	3.61	3.82	4.05	3.96	4.08
Alaska	6.84	6.77	6.85	6.83	6.82	6.78	6.84
Arizona	6.39	6.30	6.32	6.58	6.55	6.76	6.86
Arkansas	5.64	5.99	6.43	6.44	6.59	6.61	6.09
California	6.99	5.83	5.94	6.15	6.12	6.08	6.29
Colorado	4.52	5.20	6.03	6.22	6.65	7.39	6.58
Connecticut	6.58	5.85	5.75	6.58	5.64	5.86	6.01
Delaware	8.32	9.62	11.15	11.40	11.38	10.89	9.09
District of Columbia	--	--	--	--	--	--	--
Florida	6.10	6.22	6.30	6.09	6.04	6.70	5.78
Georgia	3.86	3.76	4.14	4.28	4.38	4.34	4.41
Hawaii	15.06	17.68	17.99	19.09	19.29	21.57	20.94
Idaho	5.40	4.93	5.77	5.93	6.09	6.10	5.85
Illinois	4.65	4.59	5.39	6.19	5.96	6.06	5.94
Indiana	4.79	4.42	4.27	5.21	5.85	6.29	5.70
Iowa	4.61	5.26	4.56	6.17	5.11	5.45	4.77
Kansas	5.61	4.62	4.18	3.90	3.95	4.00	4.08
Kentucky	3.65	3.51	3.86	3.94	4.13	4.43	4.60
Louisiana	2.98	2.74	3.14	3.29	3.47	3.44	3.39
Maine	8.50	8.20	4.56	4.72	4.81	4.68	4.61
Maryland	10.84	10.90	9.52	8.76	9.99	11.89	12.71
Massachusetts	8.90	7.31	5.51	6.26	6.91	6.66	6.90
Michigan	5.78	5.76	6.33	6.75	7.02	6.44	6.78
Minnesota	4.24	4.13	4.24	4.17	4.68	4.53	4.62
Mississippi	4.18	4.31	4.27	4.52	4.00	4.54	4.36
Missouri	6.91	6.97	7.17	7.96	7.29	7.88	7.52
Montana	5.54	6.16	5.87	7.00	5.93	6.41	4.89
Nebraska	4.79	4.08	4.12	4.27	4.33	4.27	3.83
Nevada	6.61	7.12	7.72	8.58	8.16	8.71	9.18
New Hampshire	9.87	7.53	5.48	5.10	6.05	6.14	7.16
New Jersey	7.52	7.09	7.34	8.31	8.75	8.19	8.13
New Mexico	4.26	4.60	4.69	4.70	4.60	4.53	4.44
New York	6.27	6.01	5.57	5.83	5.33	5.86	6.00
North Carolina	5.87	5.73	6.04	6.14	5.87	5.95	5.83
North Dakota	2.88	2.58	2.76	2.81	2.95	3.11	2.90
Ohio	4.65	4.74	5.61	6.64	6.09	5.40	7.24
Oklahoma	6.18	7.90	9.90	12.85	8.77	8.63	8.96
Oregon	5.50	5.58	6.41	6.38	6.39	6.30	6.25
Pennsylvania	7.62	8.47	8.93	10.37	10.35	10.06	10.21
Rhode Island	8.22	9.48	9.92	9.79	10.09	9.61	9.38
South Carolina	4.25	4.09	4.26	4.37	4.59	4.47	4.56
South Dakota	4.56	4.56	5.13	6.04	5.73	5.71	5.14
Tennessee	4.58	4.47	4.45	4.63	4.79	4.80	4.87
Texas	2.38	2.28	2.77	2.95	3.13	3.07	3.04
Utah	6.01	5.35	5.24	5.30	5.32	5.20	5.72
Vermont	5.81	5.42	5.58	4.65	4.53	5.90	5.17
Virginia	4.48	3.95	4.69	4.86	4.56	4.81	5.08
Washington	7.30	7.89	8.70	9.23	9.33	10.04	9.45
West Virginia	2.58	2.13	3.21	3.19	3.23	3.22	3.18
Wisconsin	5.43	5.37	4.69	4.56	4.91	4.54	5.07
Wyoming	4.01	4.63	4.56	4.75	4.75	4.63	5.20
Total	3.45	3.26	3.52	3.63	3.77	3.73	3.74

See footnotes at end of table.

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

State	2015				
	May	April	March	February	January
Alabama	3.69	4.13	4.69	4.95	4.66
Alaska	6.86	6.70	6.88	7.08	6.97
Arizona	6.54	6.96	7.15	7.51	7.25
Arkansas	6.41	6.84	7.70	7.90	7.88
California	5.51	6.45	6.89	6.77	7.68
Colorado	5.32	5.49	6.20	6.15	6.01
Connecticut	6.18	6.77	5.81	6.52	7.89
Delaware	9.78	9.56	10.20	10.25	9.91
District of Columbia	--	--	--	--	--
Florida	5.88	6.05	6.53	7.12	8.40
Georgia	4.14	4.22	5.02	4.98	5.34
Hawaii	19.68	19.40	18.66	18.33	20.25
Idaho	5.86	5.93	6.01	6.14	6.16
Illinois	5.66	5.75	5.74	5.13	6.02
Indiana	6.14	9.14	7.18	6.69	7.52
Iowa	4.76	4.47	5.67	5.63	6.40
Kansas	4.17	4.43	5.75	5.82	6.98
Kentucky	4.27	4.51	5.22	5.21	5.37
Louisiana	2.93	3.22	3.48	3.66	3.87
Maine	5.50	14.71	15.12	15.22	15.20
Maryland	10.17	8.08	8.81	9.64	10.06
Massachusetts	8.73	9.67	9.60	10.86	11.74
Michigan	6.59	6.21	6.70	6.98	7.06
Minnesota	4.19	4.55	5.82	5.83	5.89
Mississippi	4.46	4.75	5.75	5.49	6.16
Missouri	7.33	7.95	7.79	7.65	7.92
Montana	6.49	7.00	7.25	7.38	8.18
Nebraska	4.13	5.53	5.39	4.34	4.84
Nevada	9.06	8.71	8.32	8.27	7.94
New Hampshire	8.31	10.89	12.09	12.47	14.13
New Jersey	7.82	7.87	7.96	8.26	8.81
New Mexico	4.11	4.52	4.93	5.06	5.84
New York	6.54	7.21	7.21	7.05	7.43
North Carolina	5.67	6.11	6.69	7.52	7.06
North Dakota	2.81	3.01	3.77	3.86	3.92
Ohio	5.71	5.28	5.22	5.44	5.26
Oklahoma	6.31	9.41	6.57	7.40	7.62
Oregon	6.29	6.25	6.65	6.72	6.69
Pennsylvania	9.59	8.25	7.85	8.96	8.74
Rhode Island	9.75	9.20	9.00	9.01	9.12
South Carolina	4.19	4.36	4.96	5.99	5.77
South Dakota	5.50	5.42	5.31	5.52	6.04
Tennessee	4.83	4.99	5.69	5.75	6.18
Texas	2.82	2.88	3.00	3.10	3.37
Utah	5.94	6.50	6.72	6.74	6.65
Vermont	5.23	5.29	5.98	6.25	5.70
Virginia	5.33	5.15	5.32	5.28	5.76
Washington	9.21	9.55	8.91	9.40	9.63
West Virginia	3.16	3.29	3.49	3.37	3.79
Wisconsin	4.42	4.46	6.40	6.67	6.78
Wyoming	5.02	5.36	5.17	5.40	6.48
Total	3.56	3.94	4.43	4.71	4.87

^R Revised data.

-- Not applicable.

^{NA} Not available.

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

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

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

State	2017	2016	2015	2017			
	4-Month YTD	4-Month YTD	4-Month YTD	April	March	February	January
Alabama	W	W	W	W	W	W	W
Alaska	8.09	6.43	5.59	8.09	8.09	8.09	8.09
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	W	2.79	3.63	W	W	W	W
Colorado	W	W	W	W	W	W	W
Connecticut	W	4.73	7.75	W	W	5.84	8.10
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	4.19	W	W	3.59	4.02	4.38	4.92
Georgia	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	--	3.18	5.59	--	--	--	--
Illinois	W	W	W	W	W	W	W
Indiana	W	W	W	W	W	W	W
Iowa	4.29	2.60	4.17	2.85	4.71	4.85	5.12
Kansas	4.11	3.46	4.41	3.88	3.52	4.82	4.92
Kentucky	W	W	W	W	W	5.96	W
Louisiana	W	W	W	W	W	W	W
Maine	W	W	W	W	W	W	W
Maryland	4.43	3.30	W	3.40	4.90	4.25	5.50
Massachusetts	W	3.25	8.62	3.24	4.37	W	W
Michigan	3.35	2.36	3.66	3.45	3.16	3.18	3.63
Minnesota	3.75	W	W	3.40	3.35	3.49	4.49
Mississippi	W	W	W	W	W	W	W
Missouri	2.99	W	W	3.03	2.59	3.05	3.43
Montana	2.23	--	--	2.22	2.09	2.25	2.36
Nebraska	--	2.58	4.10	4.37	5.17	6.48	5.61
Nevada	3.91	2.63	3.57	3.74	3.60	3.80	4.37
New Hampshire	W	W	W	W	W	W	W
New Jersey	3.61	2.29	5.36	3.34	3.45	3.64	4.06
New Mexico	3.71	2.69	3.25	3.85	3.27	3.65	4.02
New York	4.44	2.94	5.79	3.39	4.26	4.54	5.41
North Carolina	W	W	W	W	W	W	W
North Dakota	5.34	2.20	2.78	4.42	5.52	4.80	6.31
Ohio	3.33	1.96	2.85	3.28	2.93	3.26	3.84
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	2.95	W	W	W	W
Pennsylvania	3.32	2.01	4.21	3.00	2.86	3.21	4.12
Rhode Island	W	W	W	W	W	W	W
South Carolina	W	W	W	W	W	W	W
South Dakota	--	2.12	3.08	--	--	--	--
Tennessee	3.19	2.24	3.23	3.04	3.00	3.09	3.82
Texas	3.21	2.19	3.05	3.22	3.02	3.12	3.47
Utah	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--
Virginia	W	W	W	3.67	W	W	W
Washington	4.56	W	4.10	3.67	3.74	5.57	4.95
West Virginia	W	2.04	W	3.36	W	W	W
Wisconsin	W	W	W	W	W	W	W
Wyoming	W	--	8.35	W	10.87	W	4.04
Total	3.77	2.72	4.05	3.49	3.52	3.74	4.32

See footnotes at end of table.

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

State	2016						
	Total	December	November	October	September	August	July
Alabama	W	W	W	W	W	W	W
Alaska	6.65	7.21	6.91	6.86	6.52	6.49	6.81
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	3.22	4.05	3.27	3.43	3.59	3.45	3.48
Colorado	W	W	W	W	W	W	W
Connecticut	3.67	5.49	3.34	2.45	2.92	3.09	3.13
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	3.86	W	W	W	W	3.95	3.72
Georgia	3.08	W	3.15	3.59	3.59	3.33	3.30
Hawaii	--	--	--	--	--	--	--
Idaho	2.92	4.05	4.66	4.78	3.38	2.89	2.83
Illinois	2.88	W	W	3.18	3.29	3.07	3.05
Indiana	W	W	W	W	W	W	W
Iowa	2.81	3.83	3.02	3.00	3.00	2.94	2.83
Kansas	3.48	5.05	3.28	3.96	3.52	3.53	3.26
Kentucky	W	W	W	W	W	W	W
Louisiana	2.76	W	W	W	W	W	3.08
Maine	W	W	--	W	W	W	W
Maryland	2.97	4.98	3.67	2.75	2.47	2.97	2.94
Massachusetts	3.22	7.03	4.59	3.36	2.97	3.18	2.86
Michigan	2.81	3.93	2.77	3.19	3.32	3.12	3.04
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	3.31	4.75	3.17	3.54	3.70	3.48	3.41
Nevada	3.02	3.77	3.35	3.46	3.39	3.23	3.38
New Hampshire	W	W	W	W	W	W	W
New Jersey	2.20	4.01	2.45	1.86	1.70	1.92	2.09
New Mexico	3.07	4.21	3.06	3.30	3.43	3.30	3.31
New York	2.76	5.47	2.95	1.98	2.18	2.54	2.75
North Carolina	W	W	W	W	W	W	W
North Dakota	2.74	3.58	2.74	3.10	3.07	2.98	2.88
Ohio	2.36	3.41	2.32	2.30	2.59	2.55	2.80
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	1.95	3.52	2.10	1.29	1.51	1.68	1.86
Rhode Island	W	W	W	W	W	W	2.92
South Carolina	W	W	W	W	W	W	W
South Dakota	2.62	3.92	2.50	3.38	3.39	2.94	2.87
Tennessee	2.61	3.44	2.84	3.15	2.91	2.69	2.74
Texas	2.67	3.44	2.71	3.24	3.13	2.94	2.95
Utah	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--
Virginia	W	W	W	W	W	W	W
Washington	W	W	W	W	W	W	W
West Virginia	W	5.87	2.83	1.69	1.97	W	3.21
Wisconsin	W	W	W	W	W	W	W
Wyoming	8.29	8.65	12.43	4,893.63	10.24	5.57	--
Total	2.99	4.16	3.14	3.24	3.19	3.07	3.07

See footnotes at end of table.

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

State	2016						2015
	June	May	April	March	February	January	Total
Alabama	W	W	W	W	W	W	3.06
Alaska	7.10	6.43	6.47	6.34	6.43	6.47	5.40
Arizona	W	W	W	W	W	W	3.43
Arkansas	W	W	W	W	W	W	W
California	2.98	W	2.47	2.59	2.85	3.08	3.39
Colorado	W	W	W	W	W	W	3.81
Connecticut	2.33	2.39	2.74	4.63	5.63	6.12	4.73
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	3.43	W	W	W	W	W	4.41
Georgia	3.03	2.44	2.40	2.23	W	W	3.27
Hawaii	--	--	--	--	--	--	--
Idaho	2.47	2.41	11.72	2.26	2.25	2.67	2.89
Illinois	W	2.25	2.24	2.31	W	W	W
Indiana	W	W	W	W	W	W	W
Iowa	2.63	2.10	2.61	2.23	2.57	2.96	3.23
Kansas	3.07	3.15	3.16	2.84	4.22	4.26	3.95
Kentucky	W	W	W	W	3.35	W	W
Louisiana	2.63	W	W	W	W	W	W
Maine	W	W	W	W	W	W	W
Maryland	3.01	2.50	2.40	2.69	5.64	3.59	4.06
Massachusetts	2.34	2.11	2.99	1.99	3.46	4.73	4.38
Michigan	2.75	2.28	2.31	2.14	2.37	2.66	3.21
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	3.32	2.77	2.44	2.34	2.81	3.52	3.97
Nevada	2.57	2.54	2.40	2.30	2.78	2.98	3.34
New Hampshire	W	W	W	W	W	W	W
New Jersey	2.13	1.95	1.76	1.62	2.83	3.02	2.96
New Mexico	2.87	2.47	2.69	2.56	2.57	2.91	3.21
New York	2.38	2.12	2.36	2.22	3.41	3.76	3.51
North Carolina	W	W	W	W	W	W	W
North Dakota	2.63	2.04	2.09	1.90	2.22	2.45	2.89
Ohio	2.32	2.03	2.01	1.63	2.00	2.20	2.42
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	1.90	1.65	1.61	1.43	2.33	2.70	2.52
Rhode Island	W	2.23	W	W	W	W	W
South Carolina	W	W	W	W	W	W	W
South Dakota	2.53	2.10	2.07	1.82	2.08	2.57	3.31
Tennessee	2.37	1.96	1.96	2.05	2.33	2.58	2.74
Texas	2.62	2.17	2.14	1.91	2.19	2.53	2.88
Utah	W	W	W	W	W	2.81	W
Vermont	--	--	--	--	--	--	--
Virginia	W	W	W	W	W	W	3.55
Washington	W	W	W	W	W	W	W
West Virginia	2.00	2.03	2.12	1.92	2.07	2.22	W
Wisconsin	W	W	W	W	W	W	W
Wyoming	17.60	12.15	5.88	4.39	7.69	13.31	5.18
Total	2.77	2.49	2.52	2.33	2.83	3.17	3.37

See footnotes at end of table.

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

State	2015						
	December	November	October	September	August	July	June
Alabama	W	W	2.78	3.07	3.13	3.25	3.17
Alaska	5.44	5.48	5.45	5.48	5.21	5.19	5.14
Arizona	W	W	W	W	3.47	3.54	3.47
Arkansas	W	W	W	W	W	W	W
California	2.95	2.94	3.18	3.29	3.52	3.53	3.51
Colorado	W	W	W	W	W	W	W
Connecticut	5.06	5.14	3.17	3.08	2.69	2.48	2.19
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	3.98	3.90	4.31	4.46	4.45	4.43	4.52
Georgia	W	2.64	2.85	3.31	3.36	3.40	3.38
Hawaii	--	--	--	--	--	--	--
Idaho	2.41	2.72	2.92	3.01	2.92	2.85	2.74
Illinois	W	W	W	3.12	W	W	3.04
Indiana	W	W	W	W	W	W	W
Iowa	2.60	5.06	2.89	2.98	3.12	3.06	3.07
Kansas	4.66	4.03	4.88	3.68	3.70	3.52	3.68
Kentucky	W	2.50	W	W	W	W	W
Louisiana	W	W	W	W	3.20	W	W
Maine	W	W	W	W	W	W	W
Maryland	3.13	3.11	3.05	3.18	4.07	3.73	3.09
Massachusetts	2.53	3.62	4.31	4.14	3.08	2.57	3.18
Michigan	2.17	2.56	2.91	3.32	3.40	3.30	3.18
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	3.63	3.37	3.22	3.38	5.08	3.81	3.59
Nevada	3.00	2.85	3.24	3.30	3.38	3.43	3.43
New Hampshire	W	W	W	W	W	W	W
New Jersey	1.71	1.80	2.00	2.08	2.20	2.07	2.34
New Mexico	2.46	2.64	3.11	3.13	3.28	3.86	3.61
New York	2.96	2.69	2.60	2.51	2.61	2.56	2.71
North Carolina	W	W	W	W	W	W	W
North Dakota	2.07	2.08	2.67	3.09	3.03	2.87	2.70
Ohio	1.91	2.09	2.17	2.26	2.25	2.30	2.20
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	1.55	1.59	1.71	2.00	1.80	2.02	1.83
Rhode Island	W	3.50	3.74	2.78	2.42	2.40	1.96
South Carolina	W	W	W	W	W	W	W
South Dakota	2.25	2.92	2.90	3.31	4.23	3.78	3.53
Tennessee	2.33	2.31	2.47	2.61	2.71	2.74	2.75
Texas	2.23	2.30	2.66	2.88	3.01	3.03	2.98
Utah	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--
Virginia	W	W	W	W	W	W	W
Washington	W	W	W	W	W	W	W
West Virginia	1.52	1.90	W	W	1.94	2.07	2.48
Wisconsin	W	W	W	W	W	W	W
Wyoming	7.01	4.13	5.08	4.46	6.95	5.28	4.77
Total	2.71	2.78	3.03	3.19	3.22	3.23	3.24

See footnotes at end of table.

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

State	2015				
	May	April	March	February	January
Alabama	3.26	W	W	W	W
Alaska	4.86	5.47	5.41	5.49	5.95
Arizona	3.73	W	W	W	W
Arkansas	W	W	W	W	W
California	3.44	3.34	3.50	3.73	3.91
Colorado	W	W	W	W	4.72
Connecticut	2.30	2.99	6.91	12.82	8.77
Delaware	--	--	--	--	--
District of Columbia	--	--	--	--	--
Florida	4.39	W	W	4.78	W
Georgia	3.57	3.28	3.42	W	W
Hawaii	--	--	--	--	--
Idaho	3.08	3.05	16.18	--	3.03
Illinois	W	W	W	4.81	W
Indiana	W	W	W	W	W
Iowa	3.18	2.98	3.43	4.70	4.98
Kansas	4.33	4.32	4.06	4.50	5.25
Kentucky	W	W	W	W	W
Louisiana	W	W	W	W	W
Maine	W	W	W	W	W
Maryland	3.25	2.58	W	W	6.65
Massachusetts	3.16	3.36	8.64	13.60	12.21
Michigan	3.25	3.24	3.57	4.11	3.61
Minnesota	W	W	W	W	W
Mississippi	W	W	W	W	W
Missouri	W	W	W	W	W
Montana	--	--	--	--	--
Nebraska	4.01	3.63	4.02	4.90	4.48
Nevada	3.21	3.27	3.45	3.54	4.10
New Hampshire	W	W	W	W	W
New Jersey	2.32	2.43	3.67	9.88	5.80
New Mexico	3.26	3.03	3.09	3.11	3.71
New York	2.76	2.82	4.48	9.93	6.24
North Carolina	W	W	W	W	W
North Dakota	2.71	2.75	2.73	2.93	2.74
Ohio	2.38	2.23	2.75	3.31	2.92
Oklahoma	W	W	W	W	W
Oregon	W	2.66	2.85	3.12	3.24
Pennsylvania	2.01	2.02	3.06	8.29	4.28
Rhode Island	2.15	3.41	W	W	9.99
South Carolina	W	W	W	W	W
South Dakota	3.06	3.46	2.77	3.05	2.94
Tennessee	2.28	2.66	3.35	3.27	3.59
Texas	3.02	2.82	3.02	3.09	3.26
Utah	W	W	W	3.37	W
Vermont	--	--	--	--	--
Virginia	2.82	W	W	W	W
Washington	W	3.50	4.41	3.46	4.63
West Virginia	2.41	W	2.64	W	2.95
Wisconsin	W	W	W	W	W
Wyoming	3.80	15.03	5.54	9.15	5.89
Total	3.28	3.23	3.71	4.99	4.29

^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. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2015-2017

State	2017 4-Month YTD			2016 4-Month YTD			2015 4-Month YTD		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	NA	26.8	100.0	80.4	24.0	100.0	82.6	24.1
Alaska	100.0	99.1	100.0	100.0	99.0	100.0	100.0	97.5	100.0
Arizona	NA	84.2	14.1	100.0	85.2	14.0	100.0	85.8	15.8
Arkansas	100.0	45.6	1.8	100.0	47.2	1.6	100.0	54.6	2.1
California	NA	55.6	4.5	95.0	53.7	4.4	94.5	52.0	4.1
Colorado	100.0	94.0	8.3	100.0	94.8	9.0	100.0	95.0	8.9
Connecticut	96.4	78.5	NA	96.5	NA	50.0	96.6	79.0	48.5
Delaware	100.0	43.3	NA	100.0	45.3	0.3	100.0	53.4	0.5
District of Columbia	NA	20.4	0.0	74.3	21.7	--	74.4	23.3	0.0
Florida	90.7	29.8	3.6	97.6	31.5	3.5	97.7	32.2	3.4
Georgia	100.0	100.0	NA	100.0	100.0	21.9	100.0	100.0	21.7
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	82.0	2.7	100.0	78.9	2.3	100.0	78.8	2.9
Illinois	85.7	37.2	8.1	86.2	38.2	8.3	86.2	40.5	9.1
Indiana	95.7	67.0	2.2	NA	NA	2.4	95.8	70.6	2.8
Iowa	100.0	72.2	NA	100.0	73.8	NA	100.0	74.0	4.2
Kansas	100.0	61.6	2.9	100.0	62.0	3.4	100.0	67.5	4.7
Kentucky	96.5	80.4	19.4	96.6	81.7	17.6	96.1	83.1	16.5
Louisiana	100.0	NA	NA	100.0	79.9	3.5	100.0	81.2	3.4
Maine	100.0	63.8	10.8	100.0	60.5	NA	100.0	58.2	4.2
Maryland	NA	NA	NA	74.1	29.0	10.4	72.9	31.3	14.2
Massachusetts	98.4	NA	26.4	99.0	47.7	25.9	99.5	52.5	32.1
Michigan	93.3	60.2	8.9	92.7	59.5	8.7	92.8	60.4	10.7
Minnesota	100.0	NA	18.1	100.0	85.9	17.0	100.0	86.4	17.3
Mississippi	86.1	85.4	NA	NA	86.8	10.1	99.7	88.7	9.7
Missouri	100.0	NA	NA	100.0	76.6	14.2	100.0	76.1	17.1
Montana	99.4	54.0	2.3	99.6	52.3	NA	99.7	55.0	1.7
Nebraska	87.7	59.2	NA	88.0	61.0	7.8	88.4	60.3	9.0
Nevada	100.0	65.3	17.7	100.0	64.4	15.7	100.0	63.7	15.3
New Hampshire	100.0	56.3	7.5	100.0	56.2	NA	100.0	61.3	14.3
New Jersey	94.5	NA	NA	94.3	44.8	9.0	93.1	49.2	11.7
New Mexico	100.0	59.6	NA	100.0	60.3	5.6	100.0	61.7	4.7
New York	100.0	NA	7.3	100.0	100.0	7.1	100.0	100.0	7.7
North Carolina	100.0	NA	12.7	100.0	86.5	12.5	100.0	87.6	12.8
North Dakota	100.0	94.0	35.8	100.0	94.0	27.3	100.0	94.5	41.9
Ohio	NA	NA	NA	100.0	100.0	NA	100.0	100.0	3.0
Oklahoma	100.0	49.4	0.8	100.0	49.1	0.7	100.0	52.6	1.1
Oregon	100.0	95.1	17.1	100.0	94.7	16.4	100.0	95.7	17.3
Pennsylvania	NA	NA	1.5	87.3	39.9	1.6	86.2	44.0	2.0
Rhode Island	100.0	53.3	NA	100.0	53.5	3.6	100.0	55.4	7.5
South Carolina	100.0	91.8	41.3	100.0	92.7	41.7	100.0	93.1	42.8
South Dakota	100.0	NA	5.7	100.0	82.4	6.0	100.0	83.3	6.2
Tennessee	100.0	90.1	23.8	100.0	90.6	29.0	100.0	92.4	30.0
Texas	NA	NA	NA	99.8	74.8	40.2	99.8	76.7	39.5
Utah	100.0	77.4	4.3	100.0	80.0	6.1	100.0	80.7	7.3
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	NA	NA	NA	90.1	56.0	10.7	89.9	59.3	13.8
Washington	100.0	88.1	8.2	100.0	86.7	7.6	100.0	86.5	7.1
West Virginia	100.0	57.4	10.0	100.0	60.0	NA	100.0	64.3	17.5
Wisconsin	100.0	76.1	18.4	100.0	76.3	18.3	100.0	76.8	20.4
Wyoming	71.4	NA	NA	71.8	50.8	2.2	71.8	52.0	2.2
Total	95.8	68.5	14.9	95.8	68.5	15.1	95.6	69.7	15.2

See footnotes at end of table.

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

State	2017								
	April			March			February		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	NA	26.6	100.0	77.8	27.2	100.0	81.8	26.7
Alaska	100.0	98.8	100.0	100.0	99.1	100.0	100.0	99.1	100.0
Arizona	100.0	81.9	15.1	100.0	82.9	13.9	NA	85.7	14.2
Arkansas	100.0	35.8	1.3	100.0	43.1	2.0	100.0	46.7	2.0
California	94.7	54.0	3.8	94.6	54.0	4.5	95.1	57.0	5.0
Colorado	100.0	92.6	7.5	100.0	93.5	7.4	100.0	94.2	9.0
Connecticut	96.1	76.9	NA	96.3	79.7	NA	96.5	76.8	51.8
Delaware	100.0	43.7	NA	100.0	40.0	0.6	100.0	44.6	0.6
District of Columbia	74.7	14.7	0.0	75.5	22.2	0.0	NA	23.1	0.0
Florida	90.2	29.4	3.9	90.0	30.1	3.4	90.2	30.1	4.0
Georgia	100.0	100.0	NA	100.0	100.0	26.8	100.0	100.0	27.7
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	74.2	2.4	100.0	77.0	2.5	100.0	82.5	3.2
Illinois	82.9	30.0	5.0	86.4	38.2	8.6	85.4	37.0	8.4
Indiana	95.2	59.6	1.4	95.7	68.3	2.1	95.7	66.8	2.5
Iowa	100.0	64.9	2.4	100.0	71.5	NA	100.0	73.3	3.5
Kansas	100.0	51.5	3.9	100.0	55.9	4.7	100.0	63.6	1.7
Kentucky	95.4	73.6	18.7	96.8	79.4	20.8	96.3	80.7	19.3
Louisiana	100.0	81.1	3.3	100.0	NA	NA	100.0	NA	NA
Maine	100.0	64.6	10.3	100.0	62.8	11.3	100.0	64.6	10.6
Maryland	NA	NA	NA	75.5	28.0	11.6	75.2	32.3	12.8
Massachusetts	98.2	NA	26.9	98.5	NA	26.4	98.5	46.2	24.9
Michigan	93.2	58.4	6.8	93.5	58.4	8.3	93.0	59.7	9.0
Minnesota	100.0	NA	15.6	100.0	91.9	17.1	100.0	92.2	17.6
Mississippi	43.4	81.8	NA	100.0	85.2	NA	100.0	84.9	NA
Missouri	100.0	70.5	NA	100.0	72.6	12.5	100.0	NA	NA
Montana	99.4	50.5	2.0	99.4	51.4	1.6	99.3	55.5	2.7
Nebraska	88.1	56.0	6.9	87.6	59.5	NA	87.6	59.4	8.2
Nevada	100.0	56.9	15.7	100.0	62.5	16.3	100.0	69.3	20.0
New Hampshire	100.0	54.9	6.2	100.0	56.9	9.1	100.0	56.3	7.2
New Jersey	94.6	45.0	NA	94.6	48.4	NA	94.5	49.5	NA
New Mexico	100.0	53.6	NA	100.0	61.2	NA	100.0	64.1	NA
New York	100.0	NA	6.4	100.0	100.0	7.4	100.0	100.0	7.9
North Carolina	100.0	78.0	11.9	100.0	NA	12.0	100.0	84.4	12.6
North Dakota	100.0	92.5	40.4	100.0	94.1	37.9	100.0	94.1	27.4
Ohio	100.0	100.0	NA	100.0	NA	NA	NA	100.0	2.6
Oklahoma	100.0	38.5	0.3	100.0	44.8	0.6	100.0	52.3	1.1
Oregon	100.0	93.9	15.7	100.0	94.8	17.0	100.0	95.1	17.5
Pennsylvania	87.0	NA	0.9	88.1	38.9	1.6	87.4	39.7	1.6
Rhode Island	100.0	50.5	3.3	100.0	54.1	4.0	100.0	53.4	NA
South Carolina	100.0	89.9	41.3	100.0	91.7	40.8	100.0	92.0	42.9
South Dakota	100.0	NA	3.9	100.0	82.8	5.5	100.0	83.6	6.6
Tennessee	100.0	86.6	23.0	100.0	89.3	24.1	100.0	91.0	23.8
Texas	99.8	65.4	39.5	99.8	72.0	39.1	99.8	NA	38.7
Utah	100.0	70.9	4.3	100.0	76.9	4.6	100.0	77.1	4.1
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.4	51.7	11.2	NA	NA	NA	89.5	53.6	10.8
Washington	100.0	86.0	7.0	100.0	87.7	7.9	100.0	88.0	8.5
West Virginia	100.0	44.7	12.7	100.0	59.3	8.8	100.0	59.3	10.3
Wisconsin	100.0	69.9	14.7	100.0	75.2	17.5	100.0	76.8	18.6
Wyoming	72.8	NA	1.8	70.6	49.2	1.7	71.0	49.5	2.0
Total	95.2	65.0	14.5	95.7	67.8	15.0	95.9	69.0	15.1

See footnotes at end of table.

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

State	2017						2016		
	January			Total			December		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	80.5	26.6	100.0	NA	NA	100.0	76.2	NA
Alaska	100.0	99.2	100.0	100.0	98.4	100.0	100.0	99.1	100.0
Arizona	100.0	85.2	13.6	100.0	82.7	15.9	100.0	83.6	14.1
Arkansas	100.0	51.8	1.8	100.0	NA	1.5	100.0	NA	1.4
California	NA	56.7	4.8	95.1	51.2	3.9	95.4	54.1	4.1
Colorado	100.0	94.6	8.9	100.0	94.1	NA	100.0	95.6	9.4
Connecticut	96.7	79.9	52.0	96.2	NA	49.4	96.4	77.6	52.9
Delaware	100.0	44.7	0.6	100.0	37.2	NA	100.0	36.1	0.5
District of Columbia	71.1	21.9	0.0	74.1	20.0	0.0	79.3	27.0	0.0
Florida	92.3	29.5	3.2	97.6	29.9	3.3	97.5	29.3	3.3
Georgia	100.0	100.0	25.7	NA	100.0	22.5	100.0	100.0	24.4
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	87.0	2.7	100.0	75.0	2.4	100.0	85.4	2.6
Illinois	86.4	39.4	9.8	86.7	NA	NA	88.2	40.1	9.7
Indiana	95.9	68.8	2.7	NA	NA	1.8	96.0	70.8	2.3
Iowa	100.0	74.7	4.5	100.0	NA	NA	100.0	74.0	4.2
Kansas	100.0	67.6	1.5	100.0	53.5	8.2	100.0	64.4	1.8
Kentucky	96.7	83.2	18.7	96.9	78.0	17.6	97.5	82.4	18.1
Louisiana	100.0	NA	NA	100.0	NA	NA	100.0	76.8	NA
Maine	100.0	63.4	10.9	NA	NA	NA	100.0	61.2	12.0
Maryland	73.6	30.5	13.5	74.6	26.1	NA	78.3	31.6	NA
Massachusetts	98.5	48.1	27.4	98.9	41.6	23.0	98.7	46.4	23.5
Michigan	93.3	62.8	10.7	92.8	55.3	NA	93.3	60.8	9.0
Minnesota	100.0	91.1	21.4	100.0	84.9	15.4	100.0	89.6	18.3
Mississippi	100.0	87.7	9.7	NA	84.2	9.6	100.0	86.5	9.2
Missouri	100.0	79.0	NA	100.0	71.8	NA	100.0	75.6	13.9
Montana	99.4	55.9	2.7	99.6	47.7	NA	99.5	49.3	2.2
Nebraska	87.7	60.4	8.2	87.5	58.3	6.1	86.0	56.9	6.4
Nevada	100.0	69.1	18.7	100.0	58.5	NA	100.0	65.4	NA
New Hampshire	100.0	57.0	7.4	100.0	53.7	NA	100.0	54.5	6.7
New Jersey	94.4	NA	NA	94.3	37.3	NA	94.4	39.2	9.1
New Mexico	100.0	57.7	5.6	100.0	54.2	9.2	100.0	52.4	10.1
New York	100.0	100.0	7.6	100.0	100.0	5.8	100.0	100.0	5.9
North Carolina	100.0	87.4	14.1	100.0	NA	10.9	100.0	85.6	12.3
North Dakota	100.0	94.5	35.6	100.0	92.8	30.3	100.0	94.2	26.9
Ohio	100.0	100.0	2.3	100.0	100.0	NA	100.0	100.0	2.2
Oklahoma	100.0	53.4	1.4	100.0	NA	NA	100.0	38.0	0.7
Oregon	100.0	95.7	17.9	100.0	NA	15.3	100.0	95.6	16.9
Pennsylvania	NA	41.0	1.9	87.6	37.3	NA	88.0	40.3	1.6
Rhode Island	100.0	54.6	4.0	100.0	52.8	3.3	100.0	54.5	3.6
South Carolina	100.0	92.9	40.5	100.0	91.6	41.2	100.0	92.6	39.1
South Dakota	100.0	85.0	6.6	100.0	80.5	4.5	100.0	83.3	6.7
Tennessee	100.0	91.6	24.4	100.0	NA	26.6	100.0	89.6	24.6
Texas	NA	NA	NA	NA	NA	NA	99.7	74.9	37.1
Utah	100.0	80.8	4.2	100.0	76.1	5.5	100.0	80.8	5.0
Vermont	100.0	100.0	100.0	100.0	NA	100.0	100.0	100.0	100.0
Virginia	89.3	59.9	13.5	90.3	52.3	10.3	92.2	63.7	14.3
Washington	100.0	89.5	9.0	NA	NA	6.3	100.0	90.3	8.0
West Virginia	100.0	60.6	9.0	100.0	50.8	NA	100.0	60.6	10.8
Wisconsin	100.0	79.0	21.5	100.0	70.9	16.0	100.0	77.5	19.7
Wyoming	71.7	51.3	NA	NA	52.3	1.8	74.6	58.6	2.1
Total	96.0	70.4	15.0	95.9	64.9	14.8	96.1	68.2	14.7

See footnotes at end of table.

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

State	2016								
	November			October			September		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	NA	24.6	100.0	69.7	25.3	100.0	73.8	NA
Alaska	100.0	98.9	100.0	100.0	97.5	100.0	100.0	96.5	100.0
Arizona	100.0	80.4	15.2	100.0	78.2	18.5	100.0	79.5	19.8
Arkansas	100.0	NA	1.9	100.0	25.8	1.5	100.0	28.4	1.5
California	95.7	52.2	4.5	95.0	49.7	4.3	94.8	47.0	3.1
Colorado	100.0	94.6	7.6	100.0	92.3	NA	100.0	90.6	NA
Connecticut	95.9	75.7	49.6	95.1	72.7	47.9	95.6	71.8	48.8
Delaware	100.0	29.5	NA	100.0	22.8	NA	100.0	23.4	NA
District of Columbia	70.3	17.4	0.0	69.9	16.0	0.0	68.7	13.6	0.0
Florida	97.2	29.6	3.4	97.4	29.2	3.1	97.7	28.0	3.2
Georgia	100.0	100.0	23.5	100.0	100.0	22.2	NA	100.0	21.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	75.5	2.4	100.0	67.2	2.2	100.0	59.6	2.2
Illinois	88.1	33.7	5.6	87.1	28.9	4.1	86.1	22.1	NA
Indiana	95.9	66.5	1.6	95.0	63.7	1.5	95.6	56.2	1.0
Iowa	100.0	69.2	5.8	100.0	65.9	4.3	100.0	NA	3.0
Kansas	100.0	50.4	4.6	100.0	37.6	5.7	100.0	30.4	12.8
Kentucky	98.1	73.8	16.6	98.0	69.3	16.9	97.6	66.8	17.3
Louisiana	100.0	75.0	NA	100.0	73.6	3.2	100.0	76.0	3.1
Maine	100.0	54.3	11.8	100.0	49.8	6.9	NA	NA	5.1
Maryland	75.9	24.0	7.2	74.4	21.2	2.7	73.5	16.8	2.5
Massachusetts	98.7	38.9	19.7	98.6	31.5	19.3	98.7	24.2	19.5
Michigan	93.2	54.8	5.6	93.1	48.7	3.5	93.6	38.9	NA
Minnesota	100.0	87.8	18.2	100.0	83.3	16.7	100.0	74.3	12.4
Mississippi	100.0	80.7	9.4	100.0	81.0	10.9	100.0	80.3	10.9
Missouri	100.0	64.1	10.5	100.0	61.3	NA	100.0	60.8	9.2
Montana	99.5	41.7	1.3	99.6	40.6	NA	99.5	37.2	NA
Nebraska	85.2	47.5	5.6	88.1	57.0	5.2	88.0	54.1	5.1
Nevada	100.0	55.7	13.6	100.0	50.0	11.9	100.0	48.5	NA
New Hampshire	100.0	51.0	4.6	100.0	47.2	2.7	100.0	47.2	1.9
New Jersey	94.4	38.9	5.3	94.6	30.5	3.2	94.2	19.4	2.2
New Mexico	99.9	40.4	14.2	100.0	43.2	13.6	100.0	45.7	10.2
New York	100.0	100.0	4.6	100.0	100.0	4.6	100.0	100.0	4.2
North Carolina	100.0	83.3	10.6	100.0	77.7	9.2	100.0	76.5	10.1
North Dakota	100.0	92.8	34.9	100.0	90.7	38.0	100.0	88.8	39.1
Ohio	100.0	100.0	1.3	100.0	100.0	0.8	100.0	100.0	0.7
Oklahoma	100.0	NA	0.2	100.0	25.5	0.2	100.0	27.5	0.4
Oregon	100.0	94.3	16.0	100.0	94.2	14.8	100.0	92.7	14.9
Pennsylvania	88.9	38.2	0.8	88.1	33.0	0.5	88.1	27.2	0.4
Rhode Island	100.0	51.7	2.7	100.0	54.0	3.5	100.0	54.2	2.7
South Carolina	100.0	91.6	40.9	100.0	90.1	41.4	100.0	89.2	42.1
South Dakota	100.0	80.8	6.7	100.0	76.4	3.1	100.0	72.1	1.9
Tennessee	100.0	85.0	24.0	100.0	NA	23.1	100.0	79.1	24.6
Texas	99.5	64.4	37.8	99.7	62.8	38.2	99.8	62.5	40.0
Utah	100.0	67.9	4.4	100.0	66.7	4.5	100.0	62.4	5.1
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	91.7	46.5	11.1	89.9	45.9	10.9	87.8	37.3	8.5
Washington	100.0	86.5	6.7	100.0	85.4	5.4	100.0	81.4	5.0
West Virginia	100.0	50.8	8.0	100.0	39.0	14.6	100.0	29.7	13.7
Wisconsin	100.0	70.1	17.0	100.0	61.9	14.9	100.0	51.7	11.9
Wyoming	74.0	53.4	1.6	77.6	55.8	1.5	72.1	51.8	1.7
Total	96.0	63.6	14.5	95.9	60.0	14.5	96.1	56.2	14.6

See footnotes at end of table.

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

State	2016								
	August			July			June		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	72.1	24.5	100.0	72.5	24.2	100.0	73.4	21.8
Alaska	100.0	96.6	100.0	100.0	96.2	100.0	100.0	97.0	100.0
Arizona	100.0	79.6	14.3	100.0	80.6	18.5	100.0	81.6	20.3
Arkansas	100.0	26.9	1.1	100.0	26.4	1.2	100.0	26.3	1.1
California	94.4	43.3	3.2	94.9	47.4	3.3	94.6	48.4	3.8
Colorado	100.0	89.1	4.3	100.0	90.9	4.6	100.0	91.4	5.3
Connecticut	95.6	69.6	49.8	96.0	71.0	50.0	95.3	71.1	44.5
Delaware	100.0	24.2	0.2	100.0	26.5	NA	100.0	31.2	0.2
District of Columbia	69.4	14.8	0.0	70.2	15.3	--	70.3	15.8	--
Florida	97.8	29.6	3.2	97.8	27.0	3.1	97.8	28.3	3.5
Georgia	100.0	100.0	23.9	100.0	100.0	22.9	100.0	100.0	23.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	61.4	2.5	100.0	58.9	2.4	100.0	59.8	2.5
Illinois	86.0	NA	2.2	85.7	22.0	NA	86.3	23.8	NA
Indiana	95.6	50.7	1.0	95.1	53.6	0.9	95.0	54.1	1.0
Iowa	100.0	49.1	2.6	100.0	53.8	2.2	100.0	57.3	2.4
Kansas	100.0	29.6	21.4	100.0	32.1	18.0	100.0	35.3	13.2
Kentucky	97.6	64.7	17.6	97.2	67.3	18.2	96.3	66.9	19.0
Louisiana	100.0	75.4	3.1	100.0	NA	2.9	100.0	78.1	3.0
Maine	100.0	47.4	5.7	100.0	49.9	5.6	100.0	50.8	NA
Maryland	71.7	18.4	1.7	71.5	16.0	1.3	72.3	20.0	2.0
Massachusetts	98.6	23.7	18.4	98.6	27.3	20.6	98.5	28.7	20.8
Michigan	92.1	32.8	2.5	92.7	38.4	2.3	91.7	41.1	2.6
Minnesota	100.0	73.8	12.1	100.0	71.9	11.2	100.0	75.9	10.6
Mississippi	100.0	81.2	9.0	100.0	79.6	8.8	NA	79.9	8.8
Missouri	100.0	59.7	8.4	100.0	60.3	8.1	100.0	62.1	8.8
Montana	99.5	37.6	NA	99.5	39.5	NA	99.5	44.0	NA
Nebraska	90.0	55.8	4.5	88.6	55.9	4.4	87.7	56.6	5.7
Nevada	100.0	47.4	NA	100.0	49.0	NA	100.0	51.6	9.2
New Hampshire	100.0	47.4	2.4	100.0	44.2	2.7	100.0	46.5	NA
New Jersey	94.2	16.5	NA	94.2	22.4	NA	94.4	24.3	3.0
New Mexico	99.9	46.0	13.1	100.0	47.6	10.7	99.9	51.5	8.9
New York	100.0	100.0	4.0	100.0	100.0	5.3	100.0	100.0	5.0
North Carolina	100.0	NA	9.0	100.0	75.2	9.1	100.0	77.3	9.2
North Dakota	100.0	86.1	9.7	100.0	86.6	16.3	100.0	85.0	37.8
Ohio	100.0	100.0	0.7	100.0	100.0	NA	100.0	100.0	NA
Oklahoma	100.0	26.9	NA	100.0	29.3	NA	100.0	31.9	NA
Oregon	100.0	92.7	13.7	100.0	NA	13.4	100.0	92.9	13.5
Pennsylvania	87.8	28.0	0.4	87.6	26.8	0.3	87.1	27.1	NA
Rhode Island	100.0	55.6	2.3	100.0	53.9	3.5	100.0	46.6	3.7
South Carolina	100.0	90.0	40.3	100.0	89.4	40.3	100.0	90.7	42.5
South Dakota	100.0	69.1	1.9	100.0	73.0	2.4	100.0	72.3	3.0
Tennessee	100.0	77.7	26.8	100.0	79.8	25.6	100.0	79.9	26.5
Texas	99.8	61.3	NA	99.8	64.2	NA	NA	NA	41.4
Utah	100.0	60.4	4.9	100.0	66.2	5.6	100.0	67.5	6.2
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.5	42.8	7.8	87.7	39.9	9.3	87.9	43.5	7.6
Washington	100.0	78.5	4.5	100.0	81.1	4.3	NA	NA	4.4
West Virginia	100.0	27.0	11.8	100.0	29.0	10.6	100.0	28.7	11.8
Wisconsin	100.0	49.4	12.2	100.0	48.0	11.5	100.0	57.5	13.0
Wyoming	75.6	53.2	1.4	NA	52.4	1.5	72.6	45.8	1.5
Total	95.8	54.9	14.7	95.9	57.0	14.3	95.7	58.1	14.6

See footnotes at end of table.

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

State	2016								
	May			April			March		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	73.2	24.3	100.0	75.9	21.5	100.0	81.9	24.1
Alaska	100.0	98.0	100.0	100.0	98.5	100.0	100.0	99.0	100.0
Arizona	100.0	81.5	15.2	100.0	83.1	14.5	100.0	83.3	14.3
Arkansas	100.0	27.7	1.1	100.0	38.3	1.4	100.0	46.4	1.7
California	95.1	53.3	3.7	94.6	54.2	4.0	94.9	52.5	3.7
Colorado	100.0	93.3	7.1	100.0	93.6	7.1	100.0	94.6	8.8
Connecticut	95.4	73.2	46.4	96.2	75.9	47.1	96.4	79.9	49.4
Delaware	100.0	35.9	0.1	100.0	40.8	0.1	100.0	47.8	0.4
District of Columbia	70.6	17.0	--	71.8	18.7	--	74.7	22.9	--
Florida	97.8	30.3	3.2	97.4	30.4	3.2	97.6	31.4	3.4
Georgia	100.0	100.0	21.6	100.0	100.0	22.7	100.0	100.0	21.8
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	62.4	2.3	100.0	67.4	2.4	100.0	76.5	2.3
Illinois	82.9	24.9	NA	84.7	32.6	5.4	84.5	35.3	7.4
Indiana	95.2	59.6	1.3	NA	NA	1.8	95.3	64.0	2.1
Iowa	100.0	62.0	3.5	100.0	69.7	3.4	100.0	69.8	4.3
Kansas	100.0	38.9	5.5	100.0	52.0	7.7	100.0	49.9	4.2
Kentucky	96.2	71.0	17.5	96.2	75.6	18.3	95.9	79.7	17.1
Louisiana	100.0	75.8	3.0	100.0	79.4	3.5	100.0	81.0	3.4
Maine	100.0	56.6	NA	100.0	60.5	NA	100.0	60.0	NA
Maryland	71.6	24.3	4.0	73.6	25.3	6.0	72.5	28.4	8.9
Massachusetts	98.7	36.9	21.5	98.9	43.5	24.7	99.0	49.2	28.9
Michigan	^R 91.7	49.5	4.4	^R 92.6	57.7	6.6	^R 92.3	58.7	8.5
Minnesota	100.0	82.2	13.7	100.0	82.8	11.1	100.0	83.5	17.2
Mississippi	100.0	80.2	8.3	NA	82.7	9.2	100.0	86.0	11.0
Missouri	100.0	63.6	8.7	100.0	70.9	12.1	100.0	77.3	13.9
Montana	99.5	43.9	1.2	99.6	52.3	NA	99.6	47.3	NA
Nebraska	85.3	56.4	6.2	86.0	58.4	6.3	89.2	63.4	7.5
Nevada	100.0	53.1	10.7	100.0	55.5	11.7	100.0	59.7	12.5
New Hampshire	100.0	50.7	NA	100.0	53.4	NA	100.0	55.8	NA
New Jersey	94.5	31.5	3.3	94.3	42.8	5.5	94.4	41.2	9.8
New Mexico	100.0	55.3	7.5	100.0	55.9	7.6	100.0	58.8	5.7
New York	100.0	100.0	5.6	100.0	100.0	5.5	100.0	100.0	7.6
North Carolina	100.0	77.9	9.5	100.0	81.0	10.7	100.0	81.5	12.2
North Dakota	100.0	90.4	39.8	100.0	92.7	22.9	100.0	93.5	30.6
Ohio	100.0	100.0	0.9	100.0	100.0	NA	100.0	100.0	2.0
Oklahoma	100.0	29.6	0.2	100.0	41.9	0.4	100.0	45.7	0.7
Oregon	100.0	^R 93.3	^R 13.6	100.0	^R 93.5	^R 14.9	100.0	^R 94.4	^R 16.2
Pennsylvania	86.9	30.2	NA	87.3	35.0	0.9	87.1	37.7	1.4
Rhode Island	100.0	47.1	3.1	100.0	51.2	3.1	100.0	52.7	4.0
South Carolina	100.0	89.4	41.2	100.0	89.9	42.6	100.0	90.7	43.7
South Dakota	100.0	77.0	3.6	100.0	80.5	4.6	100.0	80.5	5.9
Tennessee	100.0	83.7	27.8	100.0	86.0	28.5	100.0	90.0	30.0
Texas	99.8	63.0	42.1	99.8	69.3	40.8	99.8	71.9	41.0
Utah	100.0	69.4	6.4	100.0	75.9	6.1	100.0	77.6	5.9
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	88.5	47.7	11.0	88.7	51.3	8.5	89.1	51.4	9.4
Washington	100.0	81.4	5.3	100.0	81.4	6.3	100.0	87.4	7.9
West Virginia	100.0	32.4	13.7	100.0	52.0	11.5	100.0	54.7	NA
Wisconsin	100.0	58.7	12.1	100.0	72.1	15.1	100.0	73.8	16.6
Wyoming	73.2	52.5	1.9	71.9	50.6	2.2	73.5	49.6	1.9
Total	95.4	60.4	14.6	95.6	65.1	14.5	95.6	66.8	15.3

^R Revised data.

-- Not applicable.

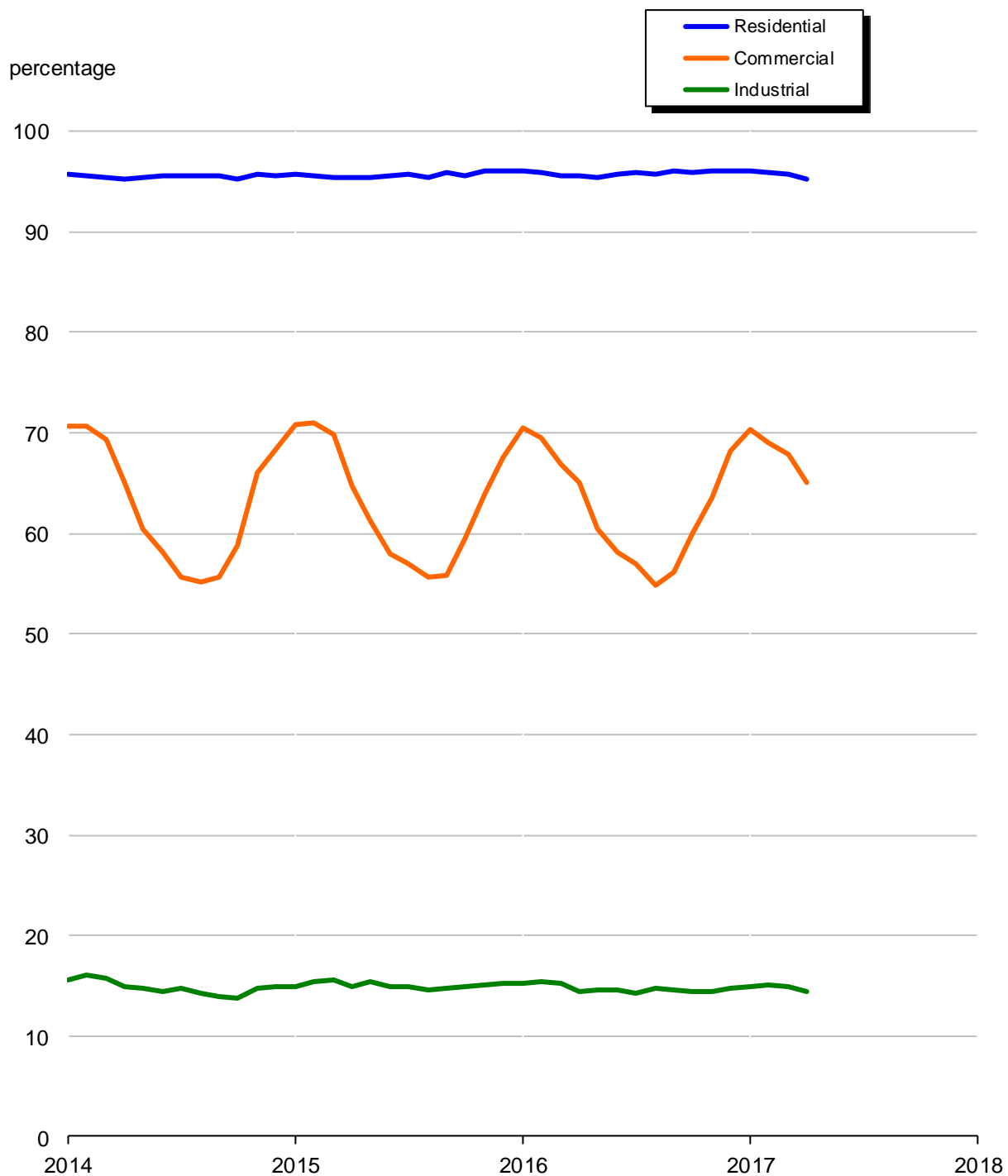
NA Not available.

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

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

Figure 6. Percentage of total deliveries included in residential, commercial, and industrial price estimates, 2014-2017

Figure 6



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

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

(Btu per cubic foot)

State	2017	2016	2015	2017			
	4-Month YTD	4-Month YTD	4-Month YTD	April	March	February	January
Alabama	1,029	1,028	1,029	1,030	1,028	1,029	1,028
Alaska	998	1,001	1,001	994	996	1,000	1,000
Arizona	1,041	1,046	1,038	1,038	1,040	1,043	1,042
Arkansas	1,026	1,023	1,029	1,022	1,017	1,019	1,018
California	1,034	1,035	1,033	1,033	1,034	1,034	1,036
Colorado	1,061	1,055	1,049	1,063	1,062	1,060	1,060
Connecticut	1,026	1,026	1,024	1,025	1,026	1,026	1,026
Delaware	1,043	1,045	1,057	1,041	1,045	1,045	1,047
District of Columbia	1,046	1,046	1,046	1,035	1,047	1,049	1,051
Florida	1,024	1,021	1,024	1,023	1,023	1,025	1,024
Georgia	1,031	1,030	1,026	1,030	1,029	1,033	1,030
Hawaii	960	999	957	959	954	972	955
Idaho	1,037	1,037	1,035	1,051	1,037	1,036	1,036
Illinois	1,032	1,032	1,029	1,030	1,030	1,031	1,033
Indiana	1,039	1,033	1,031	1,036	1,034	1,034	1,038
Iowa	1,052	1,052	1,047	1,055	1,052	1,052	1,052
Kansas	1,039	1,034	1,035	1,041	1,037	1,036	1,042
Kentucky	1,039	1,027	1,021	1,030	1,035	1,035	1,037
Louisiana	1,034	1,031	1,035	1,023	1,022	1,022	1,023
Maine	1,039	1,032	1,031	1,026	1,036	1,049	1,037
Maryland	1,053	1,054	1,058	1,043	1,055	1,056	1,054
Massachusetts	1,031	1,031	1,033	1,029	1,031	1,031	1,031
Michigan	1,043	1,038	1,028	1,039	1,042	1,045	1,045
Minnesota	1,030	1,040	1,037	1,032	1,033	1,028	1,028
Mississippi	1,035	1,034	1,034	1,032	1,035	1,035	1,034
Missouri	1,022	1,024	1,021	1,022	1,021	1,022	1,022
Montana	1,032	1,029	1,026	1,032	1,036	1,034	1,036
Nebraska	1,056	1,050	1,052	1,061	1,058	1,060	1,057
Nevada	1,040	1,041	1,041	1,039	1,039	1,040	1,041
New Hampshire	1,031	1,033	1,035	1,028	1,032	1,036	1,032
New Jersey	1,042	1,042	1,049	1,038	1,043	1,042	1,043
New Mexico	1,043	1,048	1,036	1,040	1,042	1,043	1,045
New York	1,033	1,033	1,034	1,032	1,033	1,033	1,033
North Carolina	1,035	1,036	1,031	1,045	1,033	1,032	1,033
North Dakota	1,059	1,079	1,048	1,080	1,078	1,083	1,076
Ohio	1,071	1,071	1,064	1,069	1,072	1,071	1,071
Oklahoma	1,045	1,047	1,044	1,042	1,041	1,043	1,046
Oregon	1,041	1,035	1,032	1,076	1,035	1,035	1,036
Pennsylvania	1,040	1,044	1,051	1,038	1,040	1,040	1,041
Rhode Island	1,029	1,029	1,029	1,029	1,029	1,029	1,029
South Carolina	1,030	1,030	1,029	1,031	1,030	1,031	1,030
South Dakota	1,055	1,057	1,046	1,049	1,050	1,051	1,055
Tennessee	1,028	1,033	1,028	1,029	1,028	1,031	1,032
Texas	1,029	1,031	1,029	1,030	1,026	1,029	1,027
Utah	1,043	1,043	1,044	1,042	1,043	1,043	1,043
Vermont	1,033	1,030	1,028	1,025	1,033	1,036	1,034
Virginia	1,053	1,054	1,051	1,055	1,057	1,052	1,057
Washington	1,078	1,075	1,057	1,080	1,078	1,075	1,076
West Virginia	1,085	1,090	1,081	1,103	1,086	1,089	1,084
Wisconsin	1,037	1,041	1,041	1,034	1,035	1,038	1,041
Wyoming	1,067	1,071	1,052	1,051	1,055	1,066	1,060
Total	1,038	1,038	1,036	1,036	1,037	1,038	1,039

See footnotes at end of table.

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

State	2016						
	Total	December	November	October	September	August	July
Alabama	1,030	1,030	1,030	1,031	1,032	1,031	1,029
Alaska	1,001	1,000	1,000	1,001	1,002	1,003	1,003
Arizona	1,037	1,039	1,034	1,031	1,034	1,035	1,031
Arkansas	1,025	1,019	1,021	1,018	1,020	1,022	1,021
California	1,035	1,034	1,032	1,033	1,037	1,038	1,035
Colorado	1,062	1,059	1,063	1,069	1,075	1,074	1,072
Connecticut	1,026	1,026	1,026	1,026	1,026	1,025	1,025
Delaware	1,042	1,047	1,045	1,046	1,046	1,043	1,044
District of Columbia	1,043	1,045	1,040	1,035	1,038	1,038	1,038
Florida	1,023	1,025	1,024	1,023	1,026	1,026	1,023
Georgia	1,030	1,031	1,030	1,032	1,032	1,029	1,028
Hawaii	981	954	947	952	945	947	967
Idaho	1,033	1,033	1,036	1,035	1,035	1,035	1,028
Illinois	1,032	1,033	1,031	1,029	1,028	1,030	1,029
Indiana	1,039	1,035	1,046	1,048	1,042	1,047	1,035
Iowa	1,055	1,056	1,059	1,059	1,059	1,061	1,057
Kansas	1,036	1,038	1,039	1,037	1,038	1,039	1,033
Kentucky	1,032	1,026	1,039	1,027	1,030	1,038	1,033
Louisiana	1,033	1,023	1,022	1,022	1,026	1,028	1,022
Maine	1,025	1,030	1,018	1,016	1,019	1,026	1,023
Maryland	1,051	1,050	1,045	1,042	1,046	1,051	1,052
Massachusetts	1,030	1,030	1,029	1,029	1,029	1,028	1,028
Michigan	1,041	1,044	1,048	1,047	1,047	1,052	1,044
Minnesota	1,039	1,033	1,033	1,037	1,038	1,036	1,034
Mississippi	1,032	1,033	1,037	1,032	1,034	1,031	1,022
Missouri	1,024	1,024	1,024	1,024	1,023	1,024	1,022
Montana	1,031	1,035	1,039	1,029	1,034	1,033	1,028
Nebraska	1,055	1,059	1,063	1,068	1,069	1,073	1,070
Nevada	1,041	1,041	1,038	1,039	1,044	1,045	1,044
New Hampshire	1,029	1,031	1,027	1,028	1,026	1,026	1,026
New Jersey	1,040	1,042	1,040	1,038	1,038	1,039	1,038
New Mexico	1,047	1,041	1,040	1,039	1,048	1,055	1,046
New York	1,032	1,033	1,031	1,030	1,030	1,029	1,029
North Carolina	1,035	1,032	1,034	1,039	1,037	1,035	1,033
North Dakota	1,061	1,092	1,075	1,072	1,061	1,090	1,089
Ohio	1,070	1,073	1,071	1,072	1,068	1,067	1,068
Oklahoma	1,050	1,053	1,050	1,050	1,053	1,051	1,049
Oregon	1,039	1,038	1,035	1,038	1,038	1,046	1,045
Pennsylvania	1,041	1,040	1,039	1,040	1,041	1,039	1,040
Rhode Island	1,029	1,028	1,028	1,030	1,029	1,028	1,028
South Carolina	1,030	1,031	1,029	1,031	1,030	1,030	1,029
South Dakota	1,055	1,052	1,052	1,053	1,056	1,057	1,060
Tennessee	1,028	1,033	1,035	1,028	1,026	1,025	1,025
Texas	1,031	1,029	1,028	1,030	1,034	1,035	1,031
Utah	1,042	1,043	1,042	1,041	1,041	1,042	1,042
Vermont	1,026	1,029	1,022	1,019	1,016	1,017	1,016
Virginia	1,053	1,054	1,055	1,052	1,053	1,054	1,054
Washington	1,080	1,080	1,083	1,081	1,076	1,085	1,085
West Virginia	1,088	1,085	1,083	1,083	1,103	1,109	1,108
Wisconsin	1,035	1,041	1,033	1,036	1,029	1,026	1,026
Wyoming	1,069	1,057	1,056	1,050	1,054	1,058	1,053
Total	1,037	1,039	1,037	1,036	1,037	1,037	1,034

See footnotes at end of table.

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

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

See footnotes at end of table.

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

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

See footnotes at end of table.

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

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

Notes: Geographic coverage is the 50 states and the District of Columbia. Heating value is the average number of British thermal units (Btu) per cubic foot of natural gas as reported on Form EIA-857. See Appendix A, Explanatory Note 11, for further information.

Source: Energy Information Administration (EIA): Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-923, "Power Plant Operations Report."

Appendix A

Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly* (NGM). The information in this Appendix is provided to assist users in understanding the monthly data. Table A1 lists the methodologies for deriving the data to be published for the most recent months shown in Tables 1 and 2. The following explanatory notes describe sources for all NGM tables.

Table A1. Methodology for most recent monthly natural gas supply and disposition data of tables 1 and 2

Components	Reporting Methodology
Supply and Disposition	
Marketed Production	Estimated from sample data reported on Form EIA-914
Natural Gas Plant Liquid (NGPL)	
Production	Derived from data reported on Form EIA-816
Dry Production	Marketed Production minus NGPL Production
Withdrawals from Storage	Reported on Form EIA-191
Supplemental Gaseous Fuels	Derived from supply estimates and coal gasification information
Imports	Derived from the Office of Fossil Energy
Additions to Storage	Reported on Form EIA-191
Exports	Derived from the Office of Fossil Energy
Current-Month Consumption	Reported on Form EIA-857, Form EIA-923, and other sources below
Consumption by Sector	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline and Distribution Use	Derived from Deliveries to Consumers
Residential	Estimated from sample data reported on Form EIA-857
Commercial	Estimated from sample data reported on Form EIA-857
Industrial	Estimated from sample data reported on Form EIA-857
Electric Power	Estimated from sample data reported on Form EIA-923
Vehicle Fuel	EIA computations

Note 1. Production

Monthly Data

Estimates of gross withdrawals and marketed production for the Lower 48 states are derived from 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 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 2012 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 directly from state agencies' websites where available. For states where these data are not available, lease fuel quantities were estimated by applying an average of the states' historical ratio of lease fuel to gross withdrawals. See the NGA for a complete discussion of this process.

Note 7. Balancing Item

The balancing item category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting problems or to issues in survey coverage. Preliminary monthly data in the balancing item category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total disposition. The balancing item may reflect problems in any of the surveys comprising natural gas supply or disposition.

Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents. Survey coverage problems include incomplete survey frames or problems in sampling design.

Annual data are from the NGA. For an explanation of the methodology used in calculating the annual balancing item, see the NGA.

Note 8. Average Price of Deliveries to Consumers

For most states, price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers by local distribution companies. Published prices are considered to be total prices paid by end-users per thousand cubic feet of natural gas in the respective sectors, inclusive of all tax, delivery, commodity, demand and other charges. In the states of Georgia, Maryland, New York, Ohio, and Pennsylvania, the residential and commercial sector prices reported in the NGM include data on prices of gas sold to customers in those sectors by energy marketers. These latter data are collected on Form EIA-910, "Monthly Natural Gas Marketer Survey." In 2008 through 2010, in the states of Florida, Georgia, Maryland, New Jersey, New York, Ohio, Pennsylvania, and Virginia, residential price data were based on total gas deliveries, and, in the states of Florida, Georgia, Maryland, Michigan, New York, Ohio, Pennsylvania, Virginia, and the District of Columbia, commercial price data were based on total gas deliveries. Beginning in 2011, however, residential and commercial price data are based on total gas deliveries in the states of Georgia, New York and Ohio only. Residential and commercial sector prices reported in the NGM include data on prices of gas sold to customers in those states by energy marketers as data quality becomes acceptable. Except for these states, none of the prices reflect average prices of natural gas transported to consumers for the account of third parties. Table 24 indicates the percentage of total deliveries included in residential, commercial, and industrial price estimates.

Prices of natural gas delivered to the electric power sector are derived from data reported on the Form EIA-923, "Power Plant Operations Report." Prices from these surveys are also published in the [Electric Power Monthly](#).

Note 9. NGPL Composite Spot Price and Natural Gas Spot Price

Monthly Data

The natural gas plant liquids (NGPL) composite price published in the NGM is derived from spot price data at Mont Belvieu, Texas, from Bloomberg. Daily closing spot prices for ethane, propane, butane, isobutane, and natural gasoline (pentanes plus) are each averaged into a monthly series, then weighted according to the portion of a representative natural gas plant liquids barrel that they occupy. Volume weights are updated monthly using the latest available data collected on Form EIA-816, *Monthly Natural Gas Liquids Report*. The NGPL composite price excludes natural gas liquids produced at crude oil refineries.

Bloomberg spot price data for each natural gas liquids (NGL) product are in cents per gallon. EIA converts these prices into dollars per barrel. Using heat conversion factors from Table A1 in the appendix of the *Annual Energy Review*, "Approximate Heat Content of Petroleum Products," the prices are converted to dollars per million British thermal units (MMBtu) for each natural gas liquid.

The NGPL composite spot price is calculated as:

$$P = \sum \left(p_i * \frac{v_i}{V} \right)$$

where:

P = the NGPL composite spot price in dollars per MMBtu,

p_i = the monthly spot price for natural gas liquids product i in dollars per MMBtu,

V = the total volume of natural gas plant liquids produced in the report month,

v_i = the monthly production volume for natural gas plant liquids product i .

The natural gas spot price is the simple average of the daily closing spot prices for natural gas at the Henry Hub in Louisiana. This series is published by Thompson Reuters and republished by EIA with permission.

Annual Data

The annual NGPL composite spot price represents the average cost of a representative barrel of NGPL in a given year. This annual figure is calculated as the total cost of all NGPL products sold, as priced at Mont Belvieu, divided by the total volume of all NGPL products produced for the year derived by summing the months of natural gas plant liquids production data collected on Form EIA-816.

The annual natural gas spot price represents the average of daily closing spot prices for dry natural gas at the Henry Hub in Louisiana in a given year.

Note 10. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day databases maintained by the National Oceanic and Atmospheric Administration. The information published in the NGM, is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the country. The temperature information recorded at these weather stations is used to calculate statewide degree-day averages weighted by gas home customers. The state figures are then aggregated into Census Divisions and into the national average. Table 26 of this report presents the Heating Degree data, and is included in the December through April NGM publications.

Note 11. Heat Content

The Form EIA-857 collects volume and cost data on natural gas delivered to residential, commercial, and industrial consumers, as shown in Tables 2 and 25 of the NGM. Data are reported by a sample of natural gas companies that deliver to consumers in the United States. Respondents are instructed to calculate the average heat content (Btu) by summing the total Btu delivered each month (volume delivered directly to consumers) multiplied by average Btu content per unit volume and then dividing by the total volume delivered directly to consumers during that month. The average Btu content for each month should be that used for billing purposes whether billing was on a therm (100,000 Btu) or dekatherm (1,000,000 Btu) basis. The value for heat content is expected to be in the range of 900 to 1200 Btu/cubic foot.

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Appendix B

Data Sources

The data in this publication are taken from survey reports collected by the Energy Information Administration (EIA), the Federal Energy Regulatory Commission (FERC), and the Office of Fossil Energy of the U.S. Department of Energy (DOE). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE that has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The Office of Fossil Energy has the authority under Section 3 of the Natural Gas Act of 1938 to grant authorizations for the import and export of natural gas.

Data are collected from annual, quarterly, and monthly surveys. The primary annual report is the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across state lines. Another annual report, Form EIA-895, "Annual Quantity and Value of Natural Gas Production Report," was completed by agencies in the 32 gas producing states through 2010. EIA obtained similar data directly from the states beginning in 2011. The EIA-895 Form collected volumes of natural gas gross withdrawals, those vented and flared, returned to formation, or used on the lease, and the volume of nonhydrocarbons removed from the produced stream. It also collected information on the value of marketed production. The Office of Fossil Energy provides monthly and quarterly files of data on imports and exports. The monthly reports include surveys of the natural gas industry, and of the electric power industry. The monthly natural gas industry surveys are: the Form EIA-191, filed by companies that operate underground storage facilities in the Lower 48 states; the Form EIA-914, filed by a sample of companies that operate wells producing natural gas; the Form EIA-857, filed by a sample of companies that deliver natural gas to consumers; and the Form EIA-910, filed by natural gas marketers in select states. The electric power industry source for both price and consumption data is Form EIA-923, "Power Plant Operations Report." Responses to all current surveys are mandatory. A description of the survey respondents, reporting requirements, and processing of the data is given on the following pages for each of the natural gas surveys. Copies of the forms and instructions are available on the EIA website. Further information about Electric Power forms can be found in Appendix C of the [Electric Power Monthly](#).

Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies; investor and municipally owned natural gas distributors; underground natural gas storage operators; synthetic natural gas plant operators; field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities); and/or companies that transport gas across a state border through field or gathering facilities. Each company is required to file if it meets the survey specifications. The mailing in 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, EIA changed its sample design from single stage probability-proportional-to-size (“PPS”) to a cut off sample in order to reduce respondent burden and decrease processing costs. The skewness of the volume of reported natural gas within the primary traditional sectors of interest for the EIA-857, residential, commercial, and industrial, is sufficiently large to enable a cut-off design that will maintain estimates of similar quality as under the previous PPS sample design.

One of the purposes of the sample is to provide a ratio useful for scaling the monthly state sector volumes in the sample up to precise estimates of the actual state sector monthly volumes. In cases where at most two suppliers in a State service a particular sector, all suppliers are included in the cut off sample. In States with more than two suppliers in a sector, the cut off sample is constructed by adding suppliers in descending order of volume until the change in the ratio of interest is considered statistically insignificant.

The single stage PPS sample design typically yielded approximately 390 respondents for the EIA-857 during 2009-2011. The cutoff sample approach as described above reduces this figure to approximately 310 respondents.

Estimation Procedures

Estimates of Volumes. Total gas sales and deliveries is estimated as the sum of estimated volume of natural gas sales by EIA-857 sample companies and estimated volume of natural gas transported on behalf of others by EIA-857 sample companies. To estimate each component volume for a State, a ratio estimator is calculated separately for the volume of natural gas sales by EIA-857 sample companies and the volume of natural gas transported on behalf of others by EIA-857 sample companies. These ratios are then applied to the reported sales volumes and transportation volumes respectively. This is done in each State by sector for the sampled companies.

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

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

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

or (1)

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

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

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

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

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

Ideally, the ratio $\frac{\sum_{i \in S} y_{ij}}{\sum_{i \in S} x_{ij}}$ is calculated separately for each State by sector cross classification. However, because certain States have extremely small sample sizes, we combine some States for estimation purposes only, in order to obtain more stable estimates. The state groupings are referred to as estimation groups. For most states, especially the large ones, the ratio will continue to be estimated separately as described above. The final volume estimates, V_j , will continue to be published separately for all States.

When an estimation group involves more than one state, such states are geographical neighbors, and the states in each group fall within a temperature and precipitation region, as defined by the National Climatic Data Center (NCDC).

Grouping states this way is an application of small area estimation, where more reliable estimates are obtained by “borrowing strength” from neighboring states with similar climate patterns. For more details see <http://interstat.statjournals.net/YEAR/2014/articles/1405001.pdf>

For most respondents, the estimation of residential and commercial consumption requires one additional step than the industrial sector. In this extra step the company level reported volumes are adjusted using sendout.

Sendout, which was added to Form EIA-857 for the August 2010 report month, is the total volume of gas dispatched for delivery during a calendar month. It should be noted that the adjusted volumes for the residential and commercial sector are used in equation 2.

The adjustment is implemented by taking reported sendout and removing gas that is consumed in company operations and distribution use as well as gas delivered to electric power, industrial, and vehicle use sectors. The remaining gas is allocated to the residential and commercial sectors proportionally based on reported totals for the report month. For a small number of companies, the adjustment to sendout is applied to all sectors in order to better represent their billing practices. In these cases, sendout is applied to all end-use sectors proportionally instead of just to residential and commercial.

The formulas for adjusting the reported residential and commercial volumes at the company level are:

$$R_{adj} = (SO * (1 - Oth) - EP - IN) * \frac{R}{R + C} \quad (2)$$

$$C_{adj} = (SO * (1 - Oth) - EP - IN) * \frac{C}{R + C} \quad (3)$$

where:

R_{adj} = sendout adjusted residential volume,

C_{adj} = sendout adjusted commercial volume,

SO = sendout volume,

Oth = ratio of annual distribution use and vehicle fuel to total deliveries,

EP = reported electric power volume,

IN = reported industrial volume,

R = reported residential volume,

C = reported commercial volume.

Estimates of Revenue. Revenue is calculated similarly to volumes. Sales revenue is estimated as the sum of estimated revenue from natural gas sales by EIA-857 sample companies for each sector by State and applying the ratio estimator in equation 1. Similar to volumes, States are combined if the sample size (by sector) is too small in order to estimate the ratio.

Computation of Natural Gas Prices. The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales by natural gas companies except as explained below.

The price of natural gas within a State for sector j is calculated as follows:

$$P_j = \frac{R_j}{V_j} \quad (4)$$

where:

P_j = the average price for gas sales within a State for consumer sector j ,

R_j = the reported revenue from natural gas sales within a State for consumer sector j ,

V_j = the reported volume of natural gas sales within a State for consumer sector j .

All average prices are weighted by their corresponding sales volume estimates when national average prices are computed.

For select States (Georgia, New York and Ohio), the monthly average prices of natural gas to residential and commercial consumers are based on total sales (sales by local distribution companies and natural gas marketers). See the Form EIA-910 description in Appendix B, "Data Sources," for details.

Volumes of gas delivered for the account of others to these consumer sectors are not included in the State or national average prices except in these States.

The price of natural gas in the residential and commercial sectors where EIA-910 data are used is calculated as follows:

$$P_c = \left[\left(\frac{R_s}{V_s} \right) * \left(\frac{V_s}{V_s + V_t} \right) \right] + \left[\left(\frac{Rm_s}{Vm_s} \right) * \left(\frac{V_t}{V_s + V_t} \right) \right] = \frac{R_s + \left(\frac{Rm_s}{Vm_s} \right) * V_t}{V_s + V_t} \quad (5a)$$

for Georgia, and,

$$P_c = \left[\left(\frac{R_s}{V_s} \right) * \left(\frac{V_s}{V_s + V_t} \right) \right] + \left[\left(\frac{Rm_s}{Vm_s} + \frac{R_t}{V_t} \right) * \left(\frac{V_t}{V_s + V_t} \right) \right] = \frac{R_s + \left(\frac{Rm_s}{Vm_s} \right) * V_t + R_t}{V_s + V_t} \quad (5b)$$

for New York and Ohio, where:

P_c = the combined average price for gas sales by local distribution companies and marketers within the State in sector s (residential or commercial),

R_s = the estimated revenue from natural gas sales by local distribution companies within the State in sector s (residential or commercial),

V_s = the estimated volume of natural gas sales by local distribution companies within the State in sector s (residential or commercial),

V_t = the estimated volume of natural gas transported by local distribution companies for marketers within the State in sector s (residential or commercial),

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

Vm_s = the reported volume of natural gas sales by a marketer within the State in sector s (residential or commercial),

R_t = the estimated revenue from natural gas transported by local distribution companies for marketers within the State in sector s (residential or commercial).

Table 24 shows the percent of the total State volume that represents volumes from natural gas sales to the residential, commercial, and industrial sectors. This table may be helpful in evaluating residential, commercial, and industrial price data.

Estimation for Nonrespondents and Edit Failures.

A volume for each delivered and transported consumer category is imputed for companies that fail to respond in time for inclusion in the published estimates (unit nonresponse) or for which reported volumes have failed the edit and not been confirmed or corrected (item nonresponse).

In the case of unit nonresponse and edit failures, the imputed volumes and revenues for the residential, commercial, and industrial sectors are predicted using CRE. In other words, they are predicted the same way as out of sample cases. In particular, for company i , which can be a nonrespondent, edit failure or not sampled, the predicted value is given as:

$$y_{ij}^* = \frac{\sum_{i \in s, j} y_{ij}}{\sum_{i \in s, j} x_{ij}} x_{ij}^*$$

where:

y_{ij}^* = the estimated value (volume or revenue) of the nonrespondent company or for a company value that fails an edit,

x_{ij}^* = the reported value (volume or revenue) of the nonrespondent company from the latest Form EIA 176 survey.

Again the ratio $\frac{\sum_{i \in s} y_{ij}}{\sum_{i \in s} x_{ij}}$ is calculated separately for most states, but several states can be combined as described in the “Estimates of Volume” section above when sample size is too small for a State by sector classification.

Final Revisions

Adjusting Monthly Data to Annual Data. After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the [Natural Gas Annual](#) (NGA), revisions are made to monthly data.

The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly* (NGM) to match them to the annual values appearing in the *Natural Gas Annual*.

The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports, according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the NGM, are used to derive an updated estimate of monthly consumption and revenues for each State's residential, commercial, or industrial natural gas consumption.

For each State, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

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

where:

V_{jm}^* = the final volume estimate for month m in consumer sector j,

V_{jm} = the estimated volume for month m in consumer sector j,

V_{ja} = the volume for the year reported on Form EIA-176,

V'_{jm} = the annual sum of estimated monthly volumes.

The price is calculated as described above in the Estimation Procedures section, using the final revised consumption estimate and a revised revenue estimate.

The formula for revising the estimated revenue is:

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

where:

R_{jm}^* = the final revenue estimate for month m in consumer sector j,

R_{jm} = the estimated revenue for month m in consumer sector j ,

R_{ja} = the revenue for the year reported on Form EIA-176,

R'_{jm} = the annual sum of estimated monthly revenues.

Revision of Volumes and Prices for Deliveries to Electric Power Sector. Revisions to monthly deliveries to the electric power sector are published throughout the year as they become available.

Reliability of Monthly Data

The monthly data published in this report are subject to two sources of error — nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data.

See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

Standard Errors. A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration.

The standard errors for monthly natural gas volume and price estimates by State are given in Table C1. They are constructed so that over the long run the true value is within two standard errors of its estimate 95% of the time. For volume estimates, the relative standard error (RSE) is published as a percent. Standard errors of prices are expressed in dollars.

The relative standard error of a natural gas volume estimate is the square root of the variance of the estimate divided by the published volume. The formula for calculating the variance of the volume estimate is:

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

where:

V_j = the estimate of monthly gas volumes in a State for sector j ,

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

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

T_j = the ratio estimator defined in equation 1,

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

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

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

N = frame size.

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

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

where:

P_j = natural gas price in sector j,

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

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

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

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

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

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

and,

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

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

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

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

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

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

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

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

State	Volume Relative Standard Error (Percent)				Price (Dollars per Thousand Cubic Feet)		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	NA	NA	1.7	NA	0.16	0.15	0.14
Alaska	0.5	2.8	0.0	1.2	0.02	0.36	0.00
Arizona	2.1	0.4	3.8	1.2	0.01	0.08	0.06
Arkansas	5.7	1.4	2.0	1.4	0.40	0.43	0.57
California	1.1	1.3	0.5	0.5	0.46	0.47	0.34
Colorado	0.6	0.4	0.8	0.4	0.03	0.05	0.07
Connecticut	0.7	0.4	1.2	0.4	0.18	0.11	NA
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	2.0	0.9	0.6	0.5	0.37	0.50	0.41
Georgia	0.0	0.0	2.3	0.0	0.08	0.08	NA
Hawaii	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Idaho	0.5	0.5	0.0	0.2	0.00	0.01	0.00
Illinois	0.8	1.3	1.7	0.7	0.17	0.31	0.24
Indiana	1.9	1.3	0.5	0.5	0.13	0.09	0.47
Iowa	2.2	2.0	3.0	2.1	0.06	0.06	0.25
Kansas	1.5	0.9	1.7	1.1	0.14	0.08	0.26
Kentucky	1.3	1.3	1.5	1.1	0.42	0.27	0.27
Louisiana	2.6	2.9	1.2	1.1	0.28	0.23	0.21
Maine	0.0	0.0	0.0	0.0	NA	0.26	0.00
Maryland	1.7	1.9	4.2	NA	NA	NA	NA
Massachusetts	0.9	0.8	5.3	1.2	0.19	NA	0.29
Michigan	1.0	0.6	2.9	1.0	0.04	0.03	0.13
Minnesota	3.3	2.1	0.5	1.1	NA	NA	0.08
Mississippi	4.4	2.5	3.2	2.8	0.41	0.35	NA
Missouri	1.8	0.8	2.5	1.2	0.00	0.09	NA
Montana	0.8	0.8	0.0	0.4	0.06	0.14	0.00
Nebraska	3.4	0.8	1.3	1.1	0.08	0.08	0.38
Nevada	0.0	0.0	0.1	0.0	0.00	0.00	0.14
New Hampshire	0.0	0.0	5.7	2.3	0.00	0.00	0.00
New Jersey	0.0	0.0	NA	NA	0.00	0.00	0.21
New Mexico	2.1	0.7	NA	NA	0.14	0.16	0.49
New York	0.0	0.0	1.7	0.0	0.04	NA	0.34
North Carolina	0.8	0.6	0.4	0.3	NA	0.09	0.06
North Dakota	1.4	2.2	2.9	1.9	0.03	0.02	0.00
Ohio	0.0	0.0	2.2	0.0	0.10	0.02	NA
Oklahoma	2.7	2.0	1.3	1.1	0.15	0.35	0.44
Oregon	0.0	0.0	1.1	0.5	0.00	0.00	0.00
Pennsylvania	0.9	0.7	2.5	1.1	0.05	NA	0.20
Rhode Island	0.0	0.0	0.0	0.0	0.00	0.00	0.00
South Carolina	3.6	2.1	2.0	1.6	0.71	0.29	0.31
South Dakota	2.8	2.4	1.0	0.9	0.15	NA	0.14
Tennessee	2.4	1.6	1.3	1.0	0.15	0.06	0.08
Texas	1.6	0.9	0.6	0.6	0.17	0.09	0.02
Utah	0.3	0.0	0.0	0.1	0.00	0.00	0.02
Vermont	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Virginia	1.7	2.6	1.8	1.2	0.26	0.27	0.41
Washington	1.0	0.8	1.6	0.7	0.07	0.05	0.01
West Virginia	5.3	0.6	1.9	1.6	0.25	0.15	0.14
Wisconsin	1.1	0.5	0.9	0.5	0.05	0.03	0.05
Wyoming	0.5	NA	3.1	NA	0.02	0.02	0.02
Total	0.3	0.2	0.3	0.2	0.05	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.