



*Independent Statistics & Analysis*

U.S. Energy Information  
Administration

---

# Natural Gas Monthly

February 2018



This report was prepared by the U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy. By law, EIA's data, analyses, and forecasts are independent of approval by any other officer or employee of the United States Government. The views in this report therefore should not be construed as representing those of the Department of Energy or other Federal agencies.

## Contacts

---

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

General inquiries about energy data can be directed to EIA's Office of Communications via email at [infoctr@eia.gov](mailto:infoctr@eia.gov).

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

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

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

## Preface

---

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

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

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

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

## Contents

---

<b>Highlights</b> .....	1
<b>Common Abbreviations</b> .....	2
<b>Appendices</b>	
A. Explanatory Notes.....	103
B. Data Sources .....	111
C. Statistical Considerations.....	117
<b>Glossary</b> .....	127

## Tables

---

1. Summary of Natural Gas Supply and Disposition in the United States, 2012-2017.....	3
2. Natural Gas Consumption in the United States, 2012-2017 .....	5
3. Selected National Average Natural Gas Prices, 2012-2017.....	7
4. U.S. Natural Gas Imports, 2015-2017.....	9
5. U.S. Natural Gas Exports, 2015-2017 .....	14
6. Gross Withdrawals of Natural Gas in Selected States and the Federal Gulf of Mexico, 2012-2017.....	24
7. Marketed Production of Natural Gas in Selected States and the Federal Gulf of Mexico, 2012-2017.....	26
8. Underground Natural Gas Storage - All Operators, 2012-2017 .....	29
9. Underground Natural Gas Storage - by Season, 2016-2018 .....	30
10. Underground Natural Gas Storage - Salt Cavern Storage Fields, 2012-2017.....	31
11. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 2012-2017.....	32
12. Net Withdrawals from Underground Storage, by State, 2015-2017 .....	33
13. Activities of Underground Natural Gas Storage Operators, by State, December 2017 .....	38
14. Natural Gas Deliveries to Residential Consumers, by State, 2015-2017.....	39
15. Natural Gas Deliveries to Commercial Consumers, by State, 2015-2017 .....	44
16. Natural Gas Deliveries to Industrial Consumers, by State, 2015-2017 .....	49
17. Natural Gas Deliveries to Electric Power Consumers, by State, 2015-2017 .....	54
18. Natural Gas Deliveries to All Consumers, by State, 2015-2017 .....	59
19. Average Citygate Price, by State, 2015-2017 .....	64
20. Average Price of Natural Gas Sold to Residential Consumers, by State, 2015-2017 .....	69
21. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2015-2017.....	74
22. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2015-2017.....	79
23. Average Price of Natural Gas Sold to Electric Power Consumers, by State, 2015-2017 .....	84
24. Percentage of Total Deliveries Included in Residential, Commercial, and Industrial Prices, by State, 2015-2017.....	89
25. Heating Value of Natural Gas Consumed, by State, 2015-2017 .....	96
26. Natural gas home customer-weighted heating degree days .....	101
A1. Methodology for Most Recent Monthly Natural Gas Supply and Disposition Data of Tables 1 and 2 .....	103
C1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, December 2017 .....	125

---

## Figures

---

1. Production, Consumption, and Net Imports of Natural Gas in the United States, 2014-2017 .....	4
2. Natural Gas Deliveries to Consumers in the United States, 2014-2017 .....	6
3. Citygate and Consumer Prices of Natural Gas in the United States, 2014-2017 .....	8
4. Spot Prices of Natural Gas and Natural Gas Plant Liquids in the United States, 2014-2017 .....	8
5. Working Gas in Underground Natural Gas Storage in the United States, 2014-2017 .....	29
6. Percentage of Total Deliveries Included in Residential, Commercial, and Industrial Price Estimates, 2014-2017 .....	95

## Highlights

---

This issue of the *Natural Gas Monthly* (NGM) contains state and national-level estimates of natural gas volume and price data through December 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 <sup>a</sup>	Dry Gas Production <sup>b</sup>	Supplemental Gaseous Fuels <sup>c</sup>	Net Imports	Net Storage Withdrawals <sup>d</sup>	Balancing Item <sup>e</sup>	Consumption <sup>f</sup>
<b>2012 Total</b>	<b>29,542</b>	<b>25,283</b>	<b>1,250</b>	<b>24,033</b>	<b>61</b>	<b>1,519</b>	<b>-9</b>	<b>-66</b>	<b>25,538</b>
<b>2013 Total</b>	<b>29,523</b>	<b>25,562</b>	<b>1,357</b>	<b>24,206</b>	<b>55</b>	<b>1,311</b>	<b>546</b>	<b>38</b>	<b>26,155</b>
<b>2014 Total</b>	<b>31,405</b>	<b>27,498</b>	<b>1,608</b>	<b>25,890</b>	<b>60</b>	<b>1,181</b>	<b>-254</b>	<b>-283</b>	<b>26,593</b>
<b>2015</b>									
January	2,790	2,420	144	2,277	5	135	741	-42	3,115
February	2,521	2,197	130	2,067	4	109	757	-12	2,925
March	2,828	2,443	145	2,298	5	93	201	-6	2,591
April	2,759	2,398	142	2,256	5	75	-329	1	2,008
May	2,791	2,443	145	2,298	5	70	-507	-8	1,858
June	2,660	2,358	140	2,219	5	68	-370	-21	1,900
July	2,756	2,445	145	2,300	5	73	-292	-19	2,068
August	2,745	2,448	145	2,302	5	69	-317	-7	2,053
September	2,721	2,384	141	2,242	5	46	-381	-11	1,901
October	2,806	2,445	145	2,300	5	68	-339	-47	1,987
November	2,726	2,356	140	2,216	5	63	16	-51	2,249
December	2,812	2,435	144	2,290	5	66	272	-45	2,588
<b>Total</b>	<b>32,915</b>	<b>28,772</b>	<b>1,707</b>	<b>27,065</b>	<b>59</b>	<b>935</b>	<b>-547</b>	<b>-268</b>	<b>27,244</b>
<b>2016</b>									
January	2,828	2,443	156	2,287	5	105	741	-46	3,092
February	2,656	2,315	148	2,167	5	89	411	-20	2,651
March	2,828	2,449	156	2,293	5	46	53	-39	2,357
April	2,681	2,366	151	2,215	5	63	-171	-23	2,089
May	2,787	2,433	155	2,278	5	60	-337	-35	1,971
June	2,636	2,323	148	2,175	5	59	-229	-4	2,005
July	2,730	2,421	154	2,266	5	76	-139	-15	2,193
August	2,726	2,395	153	2,242	5	48	-130	51	2,216
September	2,630	2,304	147	2,157	5	37	-270	23	1,951
October	2,718	2,365	151	2,214	5	55	-317	-31	1,926
November	2,673	2,310	147	2,162	5	3	39	-44	2,164
December	2,742	2,356	150	2,206	5	30	688	-61	2,867
<b>Total</b>	<b>32,636</b>	<b>28,479</b>	<b>1,817</b>	<b>26,663</b>	<b>57</b>	<b>671</b>	<b>339</b>	<b>-244</b>	<b>27,486</b>
<b>2017</b>									
January	£2,727	£2,339	149	£2,191	5	20	675	9	2,899
February	£2,504	£2,148	143	£2,005	5	*	285	R34	R2,328
March	£2,778	£2,381	161	£2,220	5	9	275	R17	R2,526
April	£2,682	£2,308	156	£2,153	5	-9	-230	R6	R1,924
May	£2,770	£2,391	164	£2,227	3	-10	-341	R16	R1,895
June	£2,682	£2,341	160	£2,180	4	-14	-281	R20	R1,910
July	£2,750	£2,443	166	£2,277	5	2	-150	R-1	R2,133
August	£2,764	£2,444	163	£2,281	5	1	-196	R14	R2,105
September	£2,757	£2,408	157	£2,251	5	-21	-317	R4	R1,923
October	RE2,888	RE2,507	176	RE2,331	4	-37	-248	R-19	R2,031
November	RE2,874	RE2,496	174	RE2,322	6	-46	85	R-20	R2,347
December	£2,994	£2,600	173	£2,427	5	-23	693	-34	3,067
<b>Total</b>	<b>£33,170</b>	<b>£28,807</b>	<b>1,943</b>	<b>£26,863</b>	<b>56</b>	<b>-129</b>	<b>251</b>	<b>47</b>	<b>27,089</b>

<sup>a</sup> 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."

<sup>b</sup> Equal to marketed production minus NGPL production.

<sup>c</sup> 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.

<sup>d</sup> Monthly and annual data for 2012 through 2016 include underground storage and liquefied natural gas storage. Data for January 2017 forward include underground storage only. See Appendix A, Explanatory Note 5, for discussion of computation procedures.

<sup>e</sup> Represents quantities lost and imbalances in data due to differences among data sources. Net imports and balancing item for 2014 and 2015 excludes net intransit deliveries. These net intransit deliveries were (in billion cubic feet): 9 for 2016; 57 for 2015; 27 for 2014; 54 for 2013; and 57 for 2012. See Appendix A, Explanatory Note 7, for full discussion.

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

\* Volume is between -500 MMcf and 500 MMcf.

<sup>R</sup> Revised data.

<sup>E</sup> Estimated data.

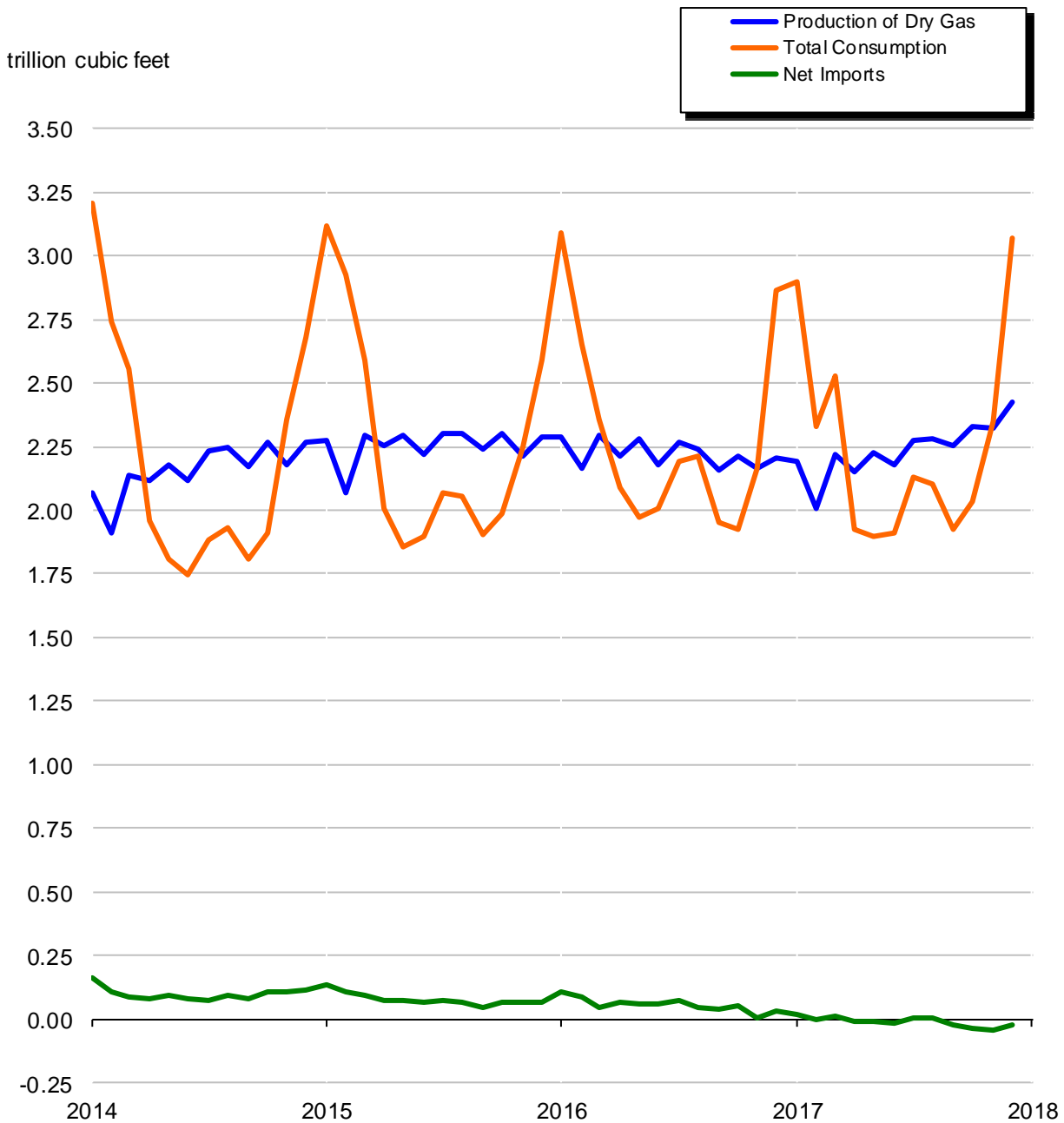
<sup>RE</sup> Revised estimated data.

**Notes:** Data for 2012 through 2015 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding.

**Sources:** 2012-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*. January 2017 through current month: Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report"; Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-191, "Monthly Underground Gas Storage Report"; EIA computations and estimates; and Office of Fossil Energy, "Natural Gas Imports and Exports." See Table 7 for detailed source notes for Marketed Production. See Appendix A, Notes 3 and 4, for discussion of computation and estimation procedures and revision policies.

Figure 1

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



Sources: 2014-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*. January 2017 through current month: Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report"; Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-191, "Monthly Underground Gas Storage Report"; EIA computations and estimates; and Office of Fossil Energy, "Natural Gas Imports and Exports."

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

(billion cubic feet, or as indicated)

Year and Month	Lease and Plant Fuel <sup>a</sup>	Pipeline and Distribution Use <sup>b</sup>	Delivered to Consumers						Total Consumption	Heating Value <sup>c</sup> (Btu per cubic foot)
			Residential	Commercial	Industrial	Electric Power	Vehicle Fuel	Total		
<b>2012 Total</b>	<b>1,396</b>	<b>731</b>	<b>4,150</b>	<b>2,895</b>	<b>7,226</b>	<b>9,111</b>	<b>30</b>	<b>23,411</b>	<b>25,538</b>	<b>1,024</b>
<b>2013 Total</b>	<b>1,483</b>	<b>833</b>	<b>4,897</b>	<b>3,295</b>	<b>7,425</b>	<b>8,191</b>	<b>30</b>	<b>23,839</b>	<b>26,155</b>	<b>1,027</b>
<b>2014 Total</b>	<b>1,512</b>	<b>700</b>	<b>5,087</b>	<b>3,466</b>	<b>7,646</b>	<b>8,146</b>	<b>35</b>	<b>24,381</b>	<b>26,593</b>	<b>1,032</b>
<b>2015</b>										
January	133	79	938	533	718	711	3	2,904	3,115	1,036
February	120	74	902	517	660	648	3	2,731	2,925	1,036
March	134	65	633	386	662	709	3	2,393	2,591	1,036
April	131	50	319	232	608	664	3	1,827	2,008	1,037
May	134	46	178	161	603	734	3	1,679	1,858	1,037
June	129	47	124	135	575	886	3	1,724	1,900	1,037
July	134	51	108	134	592	1,046	3	1,883	2,068	1,037
August	134	51	103	135	600	1,027	3	1,868	2,053	1,036
September	131	47	108	138	579	895	3	1,724	1,901	1,037
October	134	49	202	195	613	792	3	1,804	1,987	1,037
November	129	56	407	283	639	732	3	2,064	2,249	1,038
December	133	65	591	353	675	769	3	2,390	2,588	1,038
<b>Total</b>	<b>1,576</b>	<b>678</b>	<b>4,613</b>	<b>3,202</b>	<b>7,522</b>	<b>9,613</b>	<b>39</b>	<b>24,989</b>	<b>27,244</b>	<b>1,037</b>
<b>2016</b>										
January	136	80	879	503	720	771	3	2,876	3,092	1,038
February	129	68	690	413	662	686	3	2,454	2,651	1,038
March	137	60	455	298	662	743	3	2,161	2,357	1,037
April	132	53	328	233	620	721	3	1,905	2,089	1,037
May	136	49	194	171	612	806	3	1,786	1,971	1,034
June	130	51	123	138	590	971	3	1,825	2,005	1,034
July	135	55	106	134	616	1,142	4	2,003	2,193	1,034
August	134	56	100	140	627	1,155	4	2,026	2,216	1,037
September	129	49	110	142	604	915	4	1,774	1,951	1,037
October	132	48	187	191	622	741	4	1,746	1,926	1,036
November	129	55	380	280	654	664	4	1,981	2,164	1,037
December	132	74	794	462	733	669	4	2,662	2,867	1,039
<b>Total</b>	<b>1,590</b>	<b>697</b>	<b>4,345</b>	<b>3,105</b>	<b>7,722</b>	<b>9,984</b>	<b>42</b>	<b>25,198</b>	<b>27,486</b>	<b>1,037</b>
<b>2017</b>										
January	£131	£74	832	481	731	£647	£4	2,695	2,899	1,039
February	£120	£59	£581	361	645	£559	£3	£2,149	£2,328	1,038
March	£133	£64	582	373	691	£679	£4	£2,329	£2,526	1,037
April	£129	£49	281	213	625	£624	£4	£1,747	£1,924	1,036
May	£133	£48	200	179	625	£706	£4	£1,714	£1,895	1,035
June	£131	£48	124	138	611	£854	£4	£1,731	£1,910	1,035
July	£136	£54	107	134	623	£1,074	£4	£1,942	£2,133	1,035
August	£136	£53	104	139	635	£1,034	£4	£1,915	£2,105	1,035
September	£134	£49	115	146	613	£862	£4	£1,740	£1,923	1,036
October	£140	£52	204	200	£652	£780	£4	£1,840	£2,031	1,035
November	£139	£60	467	324	691	£663	£4	£2,148	£2,347	1,037
December	£145	£78	825	488	759	768	£4	2,844	3,067	1,039
<b>Total</b>	<b>£1,608</b>	<b>£687</b>	<b>4,422</b>	<b>3,176</b>	<b>7,902</b>	<b>9,250</b>	<b>£43</b>	<b>24,794</b>	<b>27,089</b>	<b>1,037</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> 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.

<sup>R</sup> Revised data.

<sup>E</sup> Estimated data.

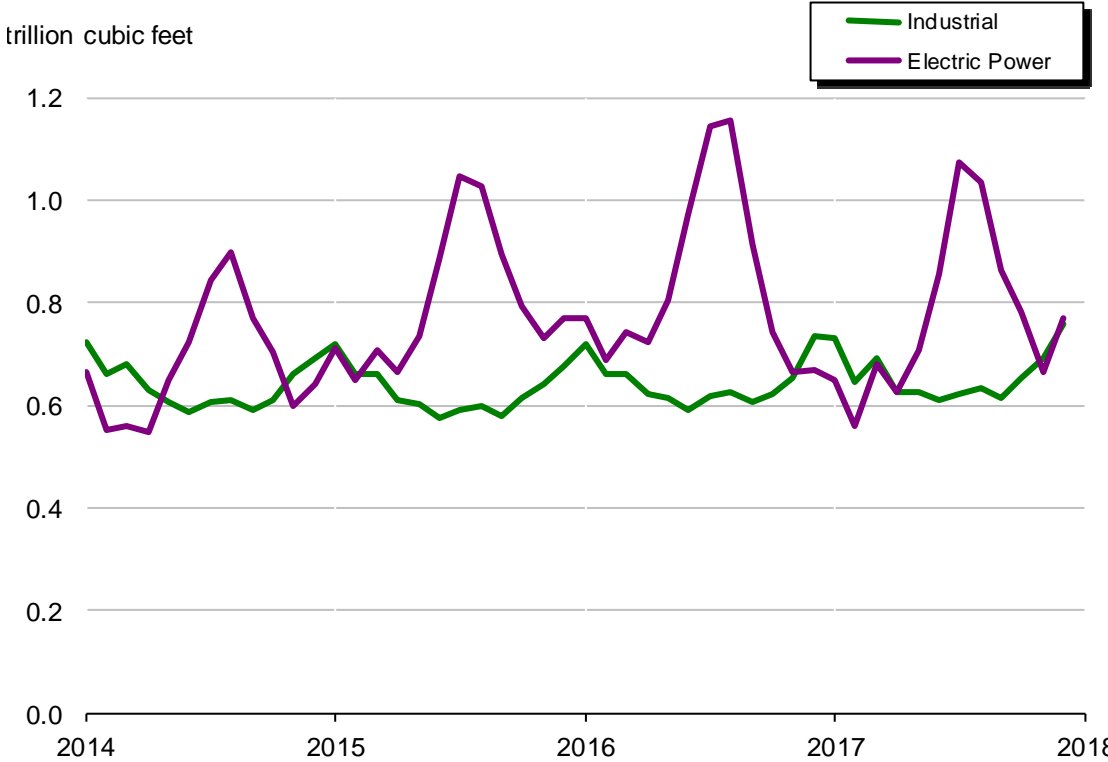
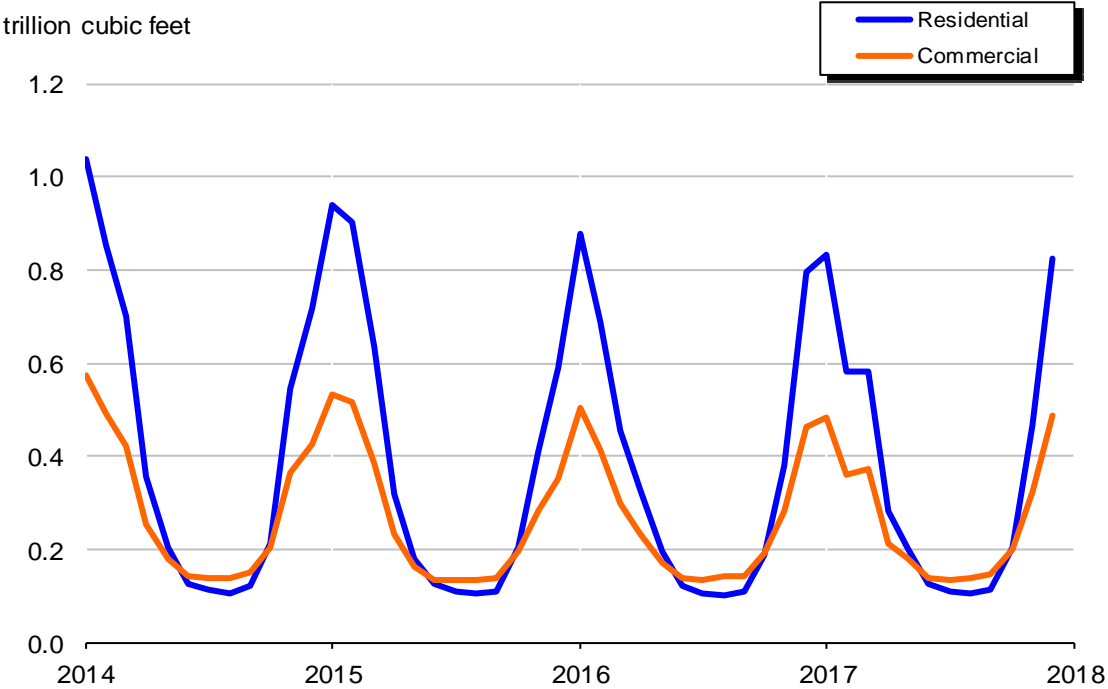
<sup>RE</sup> Revised estimated data.

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

**Sources:** 2012-2016: Energy Information Administration (EIA): Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; state and federal agencies; EIA estimates based on historical data; and *Natural Gas Annual 2016*. January 2017 through current month: Form EIA-914, "Monthly Natural Gas Production Report"; Form EIA-857; Form EIA-923, "Power Plant Operations Report." See Appendix A, Explanatory Note 6, for computation procedures and revision policy.

Figure 2

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



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

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

(dollars per thousand cubic feet, except where noted)

Year and Month	NGPL Composite Spot Price <sup>a</sup>	Natural Gas Spot Price <sup>b</sup>	Citygate Price	Delivered to Consumers						
				Residential		Commercial		Industrial		Electric Power Price <sup>d</sup>
				Price	% of Total <sup>c</sup>	Price	% of Total <sup>c</sup>	Price	% of Total <sup>c</sup>	
<b>2012 Annual Average</b>	<b>10.98</b>	<b>2.75</b>	<b>4.73</b>	<b>10.65</b>	<b>95.8</b>	<b>8.10</b>	<b>65.2</b>	<b>3.88</b>	<b>16.2</b>	<b>3.54</b>
<b>2013 Annual Average</b>	<b>9.94</b>	<b>3.73</b>	<b>4.88</b>	<b>10.32</b>	<b>95.7</b>	<b>8.08</b>	<b>65.8</b>	<b>4.64</b>	<b>16.6</b>	<b>4.49</b>
<b>2014 Annual Average</b>	<b>9.56</b>	<b>4.37</b>	<b>5.71</b>	<b>10.97</b>	<b>95.5</b>	<b>8.90</b>	<b>65.8</b>	<b>5.62</b>	<b>15.9</b>	<b>5.19</b>
<b>2015</b>										
January	5.08	2.99	4.48	9.50	95.7	8.15	70.8	4.90	14.8	4.31
February	5.70	2.87	4.57	9.08	95.6	7.81	71.0	4.74	15.2	5.02
March	5.52	2.83	4.35	9.28	95.4	7.85	69.9	4.46	15.4	3.71
April	5.58	2.61	3.93	10.43	95.4	8.03	64.8	3.96	14.6	3.24
May	5.25	2.85	4.25	12.73	95.4	8.13	61.2	3.58	15.1	3.28
June	4.78	2.78	4.44	15.07	95.5	8.52	57.9	3.76	14.6	3.25
July	4.73	2.84	4.65	16.28	95.7	8.49	56.9	3.74	14.6	3.23
August	4.42	2.77	4.59	16.88	95.4	8.46	55.6	3.79	14.3	3.23
September	4.89	2.66	4.56	16.40	95.8	8.43	55.8	3.65	14.5	3.20
October	4.95	2.34	4.00	12.60	95.5	7.79	59.5	3.54	14.7	3.04
November	4.72	2.09	3.69	10.02	96.0	7.39	63.8	3.28	14.8	2.78
December	4.23	1.93	3.75	9.27	96.0	7.23	67.6	3.48	14.9	2.72
<b>Annual Average</b>	<b>4.97</b>	<b>2.62</b>	<b>4.26</b>	<b>10.38</b>	<b>95.6</b>	<b>7.91</b>	<b>65.7</b>	<b>3.93</b>	<b>14.8</b>	<b>3.38</b>
<b>2016</b>										
January	3.69	2.28	3.39	8.28	96.0	6.75	70.4	3.62	15.2	3.17
February	3.89	1.99	3.48	8.36	95.8	6.86	69.4	3.64	15.3	2.83
March	4.48	1.73	3.49	9.19	95.6	7.08	66.7	3.05	15.3	2.33
April	4.65	1.92	3.22	9.65	95.6	6.98	65.0	3.01	14.5	2.52
May	5.11	1.92	3.44	11.62	95.4	7.32	60.2	2.90	14.6	2.49
June	5.25	2.59	3.84	14.43	95.7	7.72	58.0	2.89	14.6	2.77
July	4.92	2.82	4.42	16.55	95.9	8.14	56.9	3.58	14.2	3.07
August	4.94	2.82	4.33	17.60	95.8	8.30	54.7	3.59	14.6	3.07
September	5.25	2.99	4.60	16.78	96.0	8.27	56.2	3.74	14.6	3.19
October	6.05	2.98	4.19	13.74	95.9	7.96	59.9	3.88	14.4	3.24
November	5.45	2.55	3.90	10.77	96.0	7.67	63.5	3.87	14.5	3.14
December	6.66	3.59	3.96	9.06	96.0	7.27	68.2	4.32	14.7	4.16
<b>Annual Average</b>	<b>5.04</b>	<b>2.52</b>	<b>3.71</b>	<b>10.05</b>	<b>95.8</b>	<b>7.28</b>	<b>64.8</b>	<b>3.52</b>	<b>14.7</b>	<b>2.99</b>
<b>2017</b>										
January	6.78	3.30	4.21	9.38	96.0	7.59	70.5	4.90	15.0	4.33
February	7.24	2.85	4.13	10.07	95.9	7.90	69.1	4.59	15.0	3.74
March	5.91	2.88	3.84	9.90	95.7	7.68	67.8	3.98	15.0	3.52
April	6.25	3.10	4.19	11.38	95.3	8.08	65.0	4.17	14.5	3.50
May	6.14	3.15	4.41	13.32	95.6	8.32	61.0	4.07	13.8	3.61
June	5.73	2.97	4.81	16.13	94.5	8.76	58.0	4.10	14.4	3.41
July	6.27	2.98	4.69	17.96	95.8	8.82	57.1	3.96	14.5	3.32
August	7.01	2.90	4.59	18.32	95.7	8.76	55.6	3.83	14.2	3.27
September	7.80	2.98	4.56	17.01	96.1	8.48	56.2	3.89	13.6	3.31
October	7.84	2.88	4.06	13.50	96.5	7.96	61.6	3.82	14.2	3.27
November	8.03	3.01	3.98	10.26	96.0	7.53	65.9	3.89	14.6	3.50
December	7.82	2.82	3.99	9.33	96.5	7.44	69.2	4.25	14.9	3.81
<b>Annual Average</b>	<b>6.92</b>	<b>2.99</b>	<b>4.16</b>	<b>10.98</b>	<b>95.9</b>	<b>7.89</b>	<b>65.4</b>	<b>4.14</b>	<b>14.5</b>	<b>3.52</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

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

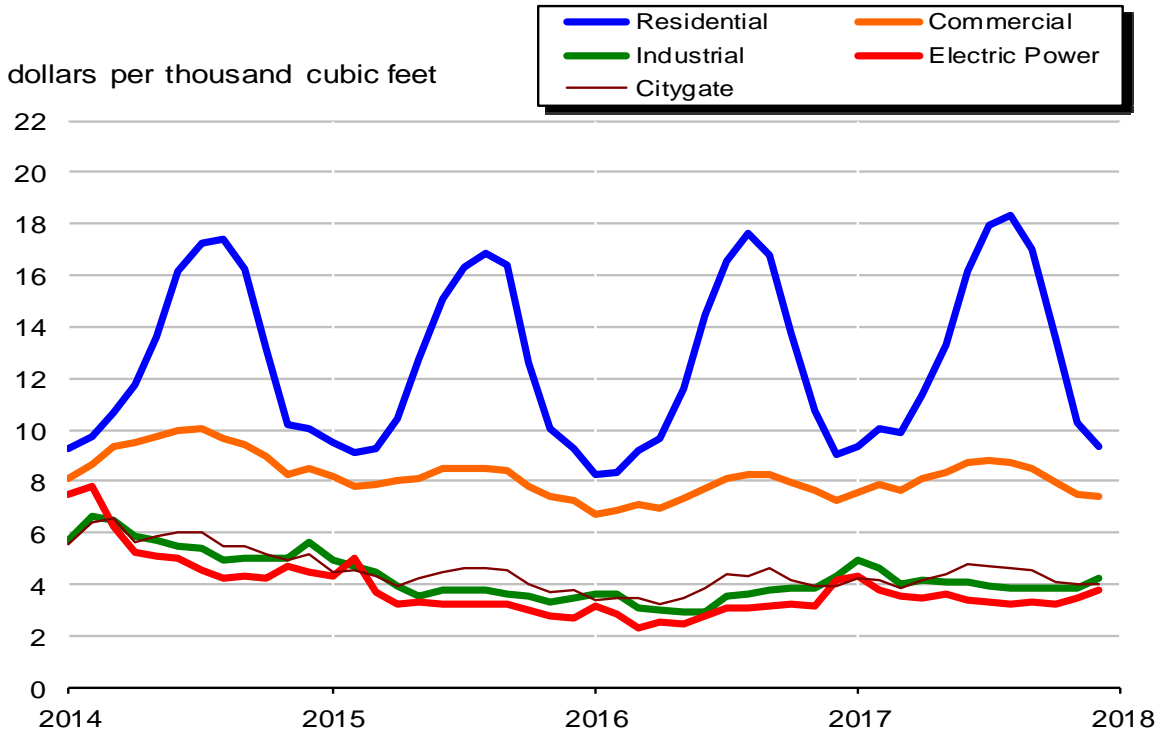
<sup>d</sup> The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Data include nonregulated members of the electric power sector.

<sup>R</sup> Revised data.

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

**Sources:** 2012-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*. January 2017 through current month: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-910, "Monthly Natural Gas Marketer Survey"; Form EIA-923, "Power Plant Operations Report"; Form EIA-816; Bloomberg; Thompson Reuters; and EIA estimates.

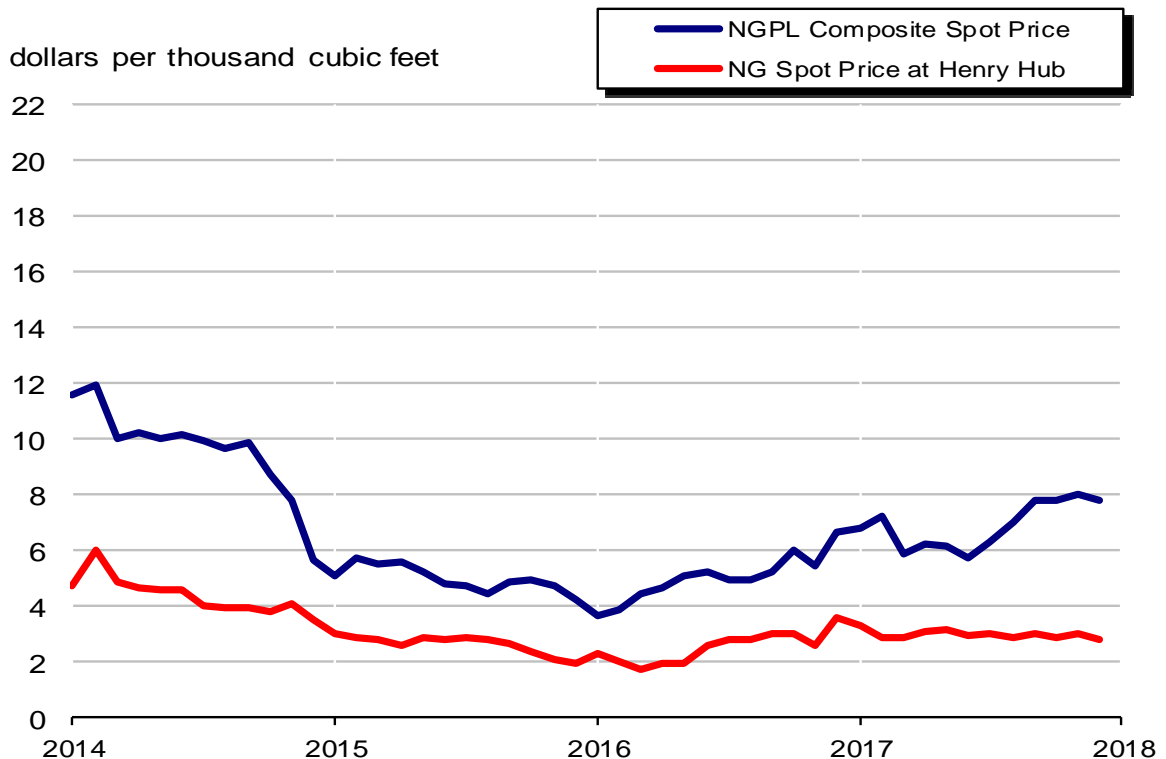
Figure 3. Average citygate and consumer prices of natural gas in the United States, 2014-2017



Note: Prices are in nominal dollars.

Sources: 2014-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*. January 2017 through current month: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-910, "Monthly Natural Gas Marketer Survey"; Form EIA-923, "Power Plant Operations Report"; Form EIA-816; Bloomberg; Thompson Reuters; and EIA estimates.

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



Note: Prices are in nominal dollars.

Sources: 2014-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*. January 2017 through current month: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-910, "Monthly Natural Gas Marketer Survey"; Form EIA-923, "Power Plant Operations Report"; Form EIA-816; Bloomberg; Thompson Reuters; and EIA estimates.

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

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

								2017	
	Total	December	November	October	September	August	July	June	
<b>Imports</b>									
Volume (million cubic feet)									
<b>Pipeline</b>									
Canada <sup>a</sup>	2,959,646	264,585	235,988	241,425	226,738	239,935	245,212	234,061	
Mexico	1,346	504	76	81	68	63	80	78	
<b>Total Pipeline Imports</b>	<b>2,960,992</b>	<b>265,088</b>	<b>236,064</b>	<b>241,506</b>	<b>226,806</b>	<b>239,997</b>	<b>245,292</b>	<b>234,140</b>	
<b>LNG</b>									
By Truck									
Canada	1,569	8	165	120	183	226	215	212	
By Vessel									
Nigeria	5,992	3,239	0	0	0	0	0	0	
Norway	0	0	0	0	0	0	0	0	
Trinidad/Tobago	70,450	7,617	6,213	2,337	R2,467	7,636	4,974	5,425	
Yemen	0	0	0	0	0	0	0	0	
Other	0	0	0	0	0	0	0	0	
<b>Total LNG Imports</b>	<b>78,011</b>	<b>10,864</b>	<b>6,378</b>	<b>2,457</b>	<b>R2,650</b>	<b>7,862</b>	<b>5,189</b>	<b>5,637</b>	
<b>CNG</b>									
Canada	345	31	30	22	25	28	27	29	
<b>Total CNG Imports</b>	<b>345</b>	<b>31</b>	<b>30</b>	<b>22</b>	<b>25</b>	<b>28</b>	<b>27</b>	<b>29</b>	
<b>Total Imports</b>	<b>3,039,348</b>	<b>275,983</b>	<b>242,472</b>	<b>243,985</b>	<b>R229,482</b>	<b>247,888</b>	<b>250,508</b>	<b>239,805</b>	
Average Price (dollars per thousand cubic feet)									
<b>Pipeline</b>									
Canada	2.55	2.94	2.40	1.98	2.05	2.24	2.31	2.51	
Mexico	2.93	3.42	2.44	2.43	2.64	2.31	2.62	2.77	
<b>Total Pipeline Imports</b>	<b>2.55</b>	<b>2.94</b>	<b>2.40</b>	<b>1.98</b>	<b>2.05</b>	<b>2.24</b>	<b>2.31</b>	<b>2.51</b>	
<b>LNG</b>									
By Truck									
Canada	8.63	8.19	8.12	8.33	8.66	8.69	8.78	8.91	
By Vessel									
Nigeria	6.52	7.11	--	--	--	--	--	--	
Norway	--	--	--	--	--	--	--	--	
Trinidad/Tobago	4.32	4.88	3.47	4.20	R3.74	3.19	3.21	3.37	
Yemen	--	--	--	--	--	--	--	--	
Other	--	--	--	--	--	--	--	--	
<b>Total LNG Imports</b>	<b>4.58</b>	<b>5.55</b>	<b>3.59</b>	<b>R4.41</b>	<b>R4.08</b>	<b>3.34</b>	<b>3.44</b>	<b>3.58</b>	
<b>CNG</b>									
Canada	2.95	4.31	1.17	1.06	0.82	0.97	1.19	1.64	
<b>Total CNG Imports</b>	<b>2.95</b>	<b>4.31</b>	<b>1.17</b>	<b>1.06</b>	<b>0.82</b>	<b>0.97</b>	<b>1.19</b>	<b>1.64</b>	
<b>Total Imports</b>	<b>2.72</b>	<b>3.26</b>	<b>2.53</b>	<b>2.05</b>	<b>2.12</b>	<b>2.38</b>	<b>2.40</b>	<b>2.62</b>	
<b>Net Imports - Volume</b>	<b>-128,589</b>	<b>-23,441</b>	<b>R-45,882</b>	<b>-37,374</b>	<b>R-20,798</b>	<b>889</b>	<b>2,080</b>	<b>-13,517</b>	

See footnotes at end of table.

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

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

	2017					2016		
	May	April	March	February	January	Total	December	November
<b>Imports</b>								
Volume (million cubic feet)								
<b>Pipeline</b>								
Canada <sup>a</sup>	238,527	232,998	275,573	246,020	R278,584	2,916,856	271,845	221,866
Mexico	78	79	83	74	83	917	64	83
<b>Total Pipeline Imports</b>	<b>238,604</b>	<b>233,077</b>	<b>275,656</b>	<b>246,094</b>	<b>R278,666</b>	<b>2,917,774</b>	<b>271,910</b>	<b>221,949</b>
<b>LNG</b>								
By Truck								
Canada	220	186	8	8	18	924	16	41
By Vessel								
Nigeria	0	0	0	0	2,753	0	0	0
Norway	0	0	0	0	0	3,253	0	3,253
Trinidad/Tobago	5,275	4,985	4,870	8,468	10,183	84,190	8,838	5,779
Yemen	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total LNG Imports</b>	<b>5,494</b>	<b>5,171</b>	<b>4,878</b>	<b>8,477</b>	<b>12,955</b>	<b>88,367</b>	<b>8,854</b>	<b>9,073</b>
<b>CNG</b>								
Canada	28	31	34	26	35	299	27	22
<b>Total CNG Imports</b>	<b>28</b>	<b>31</b>	<b>34</b>	<b>26</b>	<b>35</b>	<b>299</b>	<b>27</b>	<b>22</b>
<b>Total Imports</b>	<b>244,126</b>	<b>238,279</b>	<b>280,567</b>	<b>254,597</b>	<b>R291,656</b>	<b>3,006,439</b>	<b>280,791</b>	<b>231,044</b>
Average Price (dollars per thousand cubic feet)								
<b>Pipeline</b>								
Canada	2.59	2.53	2.57	2.81	3.41	2.18	3.31	2.41
Mexico	2.62	2.64	2.27	2.94	3.29	1.85	2.56	2.34
<b>Total Pipeline Imports</b>	<b>2.59</b>	<b>2.53</b>	<b>2.57</b>	<b>2.81</b>	<b>3.41</b>	<b>2.18</b>	<b>3.31</b>	<b>2.41</b>
<b>LNG</b>								
By Truck								
Canada	8.88	8.49	7.05	7.22	9.12	8.07	7.51	7.92
By Vessel								
Nigeria	--	--	--	--	5.82	--	--	--
Norway	--	--	--	--	--	3.12	--	3.12
Trinidad/Tobago	3.65	3.56	4.34	6.39	5.48	4.06	4.62	5.96
Yemen	--	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
<b>Total LNG Imports</b>	<b>3.86</b>	<b>3.74</b>	<b>4.35</b>	<b>6.39</b>	<b>5.56</b>	<b>4.07</b>	<b>4.63</b>	<b>4.95</b>
<b>CNG</b>								
Canada	1.86	1.76	1.91	6.07	10.64	1.97	3.24	0.97
<b>Total CNG Imports</b>	<b>1.86</b>	<b>1.76</b>	<b>1.91</b>	<b>6.07</b>	<b>10.64</b>	<b>1.97</b>	<b>3.24</b>	<b>0.97</b>
<b>Total Imports</b>	<b>2.70</b>	<b>2.64</b>	<b>2.68</b>	<b>3.14</b>	<b>3.75</b>	<b>2.24</b>	<b>3.50</b>	<b>2.70</b>
<b>Net Imports - Volume</b>	<b>-9,737</b>	<b>-8,973</b>	<b>8,724</b>	<b>-349</b>	<b>R19,789</b>	<b>670,991</b>	<b>29,955</b>	<b>3,125</b>

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
	October	September	August	July	June	May	April	March
<b>Imports</b>								
Volume (million cubic feet)								
<b>Pipeline</b>								
Canada <sup>a</sup>	225,588	235,512	253,793	259,132	234,145	243,017	236,451	232,095
Mexico	83	82	90	92	83	72	71	69
<b>Total Pipeline Imports</b>	<b>225,671</b>	<b>235,594</b>	<b>253,883</b>	<b>259,224</b>	<b>234,229</b>	<b>243,088</b>	<b>236,522</b>	<b>232,164</b>
<b>LNG</b>								
By Truck								
Canada	58	72	84	70	118	113	74	65
By Vessel								
Nigeria	0	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0	0
Trinidad/Tobago	5,696	2,810	7,998	5,703	7,520	5,087	4,693	8,503
Yemen	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total LNG Imports</b>	<b>5,753</b>	<b>2,882</b>	<b>8,082</b>	<b>5,773</b>	<b>7,638</b>	<b>5,200</b>	<b>4,767</b>	<b>8,568</b>
<b>CNG</b>								
Canada	25	15	17	25	19	29	28	33
<b>Total CNG Imports</b>	<b>25</b>	<b>15</b>	<b>17</b>	<b>25</b>	<b>19</b>	<b>29</b>	<b>28</b>	<b>33</b>
<b>Total Imports</b>	<b>231,449</b>	<b>238,491</b>	<b>261,983</b>	<b>265,022</b>	<b>241,885</b>	<b>248,317</b>	<b>241,317</b>	<b>240,764</b>
Average Price (dollars per thousand cubic feet)								
<b>Pipeline</b>								
Canada	2.50	2.42	2.29	2.26	1.76	1.44	1.51	1.55
Mexico	2.50	2.43	2.27	2.45	1.41	1.10	1.03	0.82
<b>Total Pipeline Imports</b>	<b>2.50</b>	<b>2.42</b>	<b>2.29</b>	<b>2.26</b>	<b>1.76</b>	<b>1.44</b>	<b>1.51</b>	<b>1.55</b>
<b>LNG</b>								
By Truck								
Canada	7.93	8.04	8.11	7.95	7.80	7.72	7.88	8.74
By Vessel								
Nigeria	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--
Trinidad/Tobago	3.05	3.13	3.17	3.15	3.11	3.36	3.23	3.25
Yemen	--	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
<b>Total LNG Imports</b>	<b>3.10</b>	<b>3.25</b>	<b>3.23</b>	<b>3.21</b>	<b>3.18</b>	<b>3.45</b>	<b>3.30</b>	<b>3.29</b>
<b>CNG</b>								
Canada	0.72	1.22	1.20	1.62	0.63	1.10	1.05	1.54
<b>Total CNG Imports</b>	<b>0.72</b>	<b>1.22</b>	<b>1.20</b>	<b>1.62</b>	<b>0.63</b>	<b>1.10</b>	<b>1.05</b>	<b>1.54</b>
<b>Total Imports</b>	<b>2.59</b>	<b>2.47</b>	<b>2.42</b>	<b>2.35</b>	<b>1.90</b>	<b>1.55</b>	<b>1.61</b>	<b>1.73</b>
<b>Net Imports - Volume</b>	<b>54,983</b>	<b>36,505</b>	<b>47,757</b>	<b>76,339</b>	<b>58,872</b>	<b>60,043</b>	<b>63,464</b>	<b>45,849</b>

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	2015
	February	January						August
<b>Imports</b>								
Volume (million cubic feet)								
<b>Pipeline</b>								
Canada <sup>a</sup>	241,948	261,462	2,625,359	221,550	210,632	217,493	203,066	202,567
Mexico	70	59	933	64	72	83	83	82
<b>Total Pipeline Imports</b>	<b>242,019</b>	<b>261,521</b>	<b>2,626,291</b>	<b>221,613</b>	<b>210,704</b>	<b>217,576</b>	<b>203,150</b>	<b>202,649</b>
<b>LNG</b>								
By Truck								
Canada	116	97	437	59	45	43	45	44
By Vessel								
Nigeria	0	0	0	0	0	0	0	0
Norway	0	0	12,194	3,105	3,097	5,992	0	0
Trinidad/Tobago	9,612	11,951	71,439	2,453	4,373	2,653	5,609	11,161
Yemen	0	0	7,441	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total LNG Imports</b>	<b>9,728</b>	<b>12,048</b>	<b>91,511</b>	<b>5,618</b>	<b>7,515</b>	<b>8,689</b>	<b>5,654</b>	<b>11,205</b>
<b>CNG</b>								
Canada	29	30	291	26	23	21	15	21
<b>Total CNG Imports</b>	<b>29</b>	<b>30</b>	<b>291</b>	<b>26</b>	<b>23</b>	<b>21</b>	<b>15</b>	<b>21</b>
<b>Total Imports</b>	<b>251,775</b>	<b>273,600</b>	<b>2,718,094</b>	<b>227,257</b>	<b>218,242</b>	<b>226,286</b>	<b>208,818</b>	<b>213,875</b>
Average Price (dollars per thousand cubic feet)								
<b>Pipeline</b>								
Canada	2.12	2.42	2.84	2.13	2.19	2.37	2.49	2.51
Mexico	1.22	1.50	1.71	1.22	1.08	1.55	1.65	1.84
<b>Total Pipeline Imports</b>	<b>2.12</b>	<b>2.42</b>	<b>2.84</b>	<b>2.13</b>	<b>2.19</b>	<b>2.37</b>	<b>2.49</b>	<b>2.51</b>
<b>LNG</b>								
By Truck								
Canada	8.58	8.21	8.69	8.12	8.21	8.40	8.36	8.76
By Vessel								
Nigeria	--	--	--	--	--	--	--	--
Norway	--	--	8.56	2.31	2.13	15.12	--	--
Trinidad/Tobago	5.08	5.45	6.98	6.08	5.63	6.25	6.02	3.43
Yemen	--	--	9.10	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
<b>Total LNG Imports</b>	<b>5.12</b>	<b>5.48</b>	<b>7.37</b>	<b>4.02</b>	<b>4.20</b>	<b>12.38</b>	<b>6.03</b>	<b>3.45</b>
<b>CNG</b>								
Canada	3.27	5.41	4.18	3.78	3.02	1.99	1.14	0.52
<b>Total CNG Imports</b>	<b>3.27</b>	<b>5.41</b>	<b>4.18</b>	<b>3.78</b>	<b>3.02</b>	<b>1.99</b>	<b>1.14</b>	<b>0.52</b>
<b>Total Imports</b>	<b>2.43</b>	<b>2.80</b>	<b>2.99</b>	<b>2.28</b>	<b>2.40</b>	<b>3.23</b>	<b>2.75</b>	<b>2.74</b>
<b>Net Imports - Volume</b>	<b>89,019</b>	<b>105,079</b>	<b>934,581</b>	<b>65,503</b>	<b>62,503</b>	<b>67,768</b>	<b>46,245</b>	<b>68,991</b>

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						
	July	June	May	April	March	February	January
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	209,698	203,583	202,545	202,133	242,508	241,917	267,666
Mexico	80	73	78	76	77	79	85
<b>Total Pipeline Imports</b>	<b>209,779</b>	<b>203,656</b>	<b>202,623</b>	<b>202,209</b>	<b>242,585</b>	<b>241,996</b>	<b>267,751</b>
<b>LNG</b>							
By Truck							
Canada	41	41	34	39	46	0	0
By Vessel							
Nigeria	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	7,133	2,557	1,673	2,844	11,770	9,830	9,382
Yemen	0	0	0	0	2,834	2,373	2,234
Other	0	0	0	0	0	0	0
<b>Total LNG Imports</b>	<b>7,173</b>	<b>2,598</b>	<b>1,707</b>	<b>2,883</b>	<b>14,651</b>	<b>12,202</b>	<b>11,616</b>
<b>CNG</b>							
Canada	21	19	19	28	38	32	30
<b>Total CNG Imports</b>	<b>21</b>	<b>19</b>	<b>19</b>	<b>28</b>	<b>38</b>	<b>32</b>	<b>30</b>
<b>Total Imports</b>	<b>216,973</b>	<b>206,273</b>	<b>204,348</b>	<b>205,120</b>	<b>257,274</b>	<b>254,230</b>	<b>279,397</b>
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.44	2.43	2.44	2.39	3.16	4.82	4.01
Mexico	1.83	1.88	1.58	1.64	1.93	1.93	2.24
<b>Total Pipeline Imports</b>	<b>2.44</b>	<b>2.43</b>	<b>2.44</b>	<b>2.39</b>	<b>3.16</b>	<b>4.82</b>	<b>4.01</b>
<b>LNG</b>							
By Truck							
Canada	8.43	9.03	8.95	9.50	9.51	--	--
By Vessel							
Nigeria	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	4.51	6.24	5.98	8.29	8.26	9.06	10.90
Yemen	--	--	--	--	7.42	9.41	10.88
Other	--	--	--	--	--	--	--
<b>Total LNG Imports</b>	<b>4.53</b>	<b>6.29</b>	<b>6.04</b>	<b>8.31</b>	<b>8.10</b>	<b>9.13</b>	<b>10.90</b>
<b>CNG</b>							
Canada	0.45	0.79	0.88	2.02	8.55	9.12	8.91
<b>Total CNG Imports</b>	<b>0.45</b>	<b>0.79</b>	<b>0.88</b>	<b>2.02</b>	<b>8.55</b>	<b>9.12</b>	<b>8.91</b>
<b>Total Imports</b>	<b>2.66</b>	<b>2.56</b>	<b>2.52</b>	<b>2.59</b>	<b>3.90</b>	<b>5.46</b>	<b>4.75</b>
<b>Net Imports - Volume</b>	<b>73,153</b>	<b>68,093</b>	<b>70,074</b>	<b>74,792</b>	<b>93,307</b>	<b>109,275</b>	<b>134,875</b>

<sup>a</sup> 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.

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

<sup>c</sup> Revised data.

<sup>d</sup> 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	
	Total	December	November	October	September	August	July	June	
<b>Exports</b>									
Volume (million cubic feet)									
<b>Pipeline</b>									
Canada	917,087	81,050	74,427	68,382	69,823	66,342	59,760	66,725	
Mexico	1,543,056	135,756	133,807	132,778	125,724	135,108	135,068	134,118	
<b>Total Pipeline Exports</b>	<b>2,460,144</b>	<b>216,807</b>	<b>208,234</b>	<b>201,160</b>	<b>195,548</b>	<b>201,450</b>	<b>194,828</b>	<b>200,844</b>	
<b>LNG</b>									
Exports									
By Vessel									
Argentina	16,276	0	0	0	0	0	0	2,949	
Bahamas	2	2	0	0	0	0	0	0	
Barbados	200	19	20	17	14	16	10	16	
Brazil	17,648	0	0	6,967	3,364	0	3,642	0	
Chile	25,746	3,362	0	3,675	0	0	3,256	3,657	
China	103,410	23,433	20,871	24,588	10,056	0	7,218	0	
Dominican Republic	8,691	0	2,835	0	2,922	0	0	0	
Egypt	6,781	0	0	0	0	3,317	3,464	0	
India	20,919	3,427	7,057	0	0	0	0	3,413	
Italy	6,493	0	0	0	0	3,372	0	3,120	
Japan	53,299	13,893	0	6,725	0	3,694	0	3,683	
Jordan	36,321	7,135	0	3,373	0	7,393	0	0	
Kuwait	20,213	0	0	0	0	0	3,410	0	
Lithuania	6,844	0	0	0	3,414	3,431	0	0	
Malta	867	0	0	0	0	0	0	0	
Mexico	140,321	3,635	10,760	6,686	10,286	6,860	14,432	24,763	
Netherlands	3,042	0	0	0	0	0	0	0	
Pakistan	3,166	0	0	0	0	0	0	0	
Poland	3,440	0	0	0	0	0	0	0	
Portugal	19,523	0	3,702	0	0	3,399	3,662	0	
South Korea	130,185	20,810	21,141	21,577	17,514	10,320	14,238	7,431	
Spain	29,329	3,370	3,617	2,980	3,666	3,712	217	0	
Taiwan	9,004	0	2,934	3,121	0	0	0	0	
Thailand	3,113	0	0	0	0	0	0	0	
Turkey	24,855	3,413	7,076	0	3,443	0	0	0	
United Arab Emirates	13,408	0	0	0	0	0	0	0	
United Kingdom	3,410	0	0	0	0	0	0	3,410	
By Truck									
Canada	5	0	2	0	0	0	0	0	
Mexico	691	105	86	65	53	33	44	19	
Re-Exports									
By Vessel									
Argentina	0	0	0	0	0	0	0	0	
Brazil	0	0	0	0	0	0	0	0	
Egypt	0	0	0	0	0	0	0	0	
India	0	0	0	0	0	0	0	0	
Mexico	422	0	0	422	0	0	0	0	
Turkey	0	0	0	0	0	0	0	0	
<b>Total LNG Exports</b>	<b>707,622</b>	<b>82,604</b>	<b>80,100</b>	<b>80,195</b>	<b>54,733</b>	<b>45,548</b>	<b>53,592</b>	<b>52,462</b>	
<b>CNG</b>									
Canada	171	13	20	4	0	1	8	16	
<b>Total CNG Exports</b>	<b>171</b>	<b>13</b>	<b>20</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>8</b>	<b>16</b>	
<b>Total Exports</b>	<b>3,167,937</b>	<b>299,424</b>	<b>288,354</b>	<b>281,359</b>	<b>250,280</b>	<b>246,999</b>	<b>248,428</b>	<b>253,322</b>	

See footnotes at end of table.

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

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

	2017					2016		
	May	April	March	February	January	Total	December	November
<b>Exports</b>								
Volume (million cubic feet)								
<b>Pipeline</b>								
Canada	63,949	80,532	99,489	87,798	98,811	771,094	97,178	74,544
Mexico	129,110	116,027	128,774	115,089	121,696	1,377,305	111,815	120,378
<b>Total Pipeline Exports</b>	<b>193,058</b>	<b>196,559</b>	<b>228,263</b>	<b>202,887</b>	<b>220,508</b>	<b>2,148,399</b>	<b>208,993</b>	<b>194,922</b>
<b>LNG</b>								
Exports								
By Vessel								
Argentina	3,192	10,135	0	0	0	16,661	0	0
Bahamas	0	0	0	0	0	0	0	0
Barbados	15	15	20	15	22	100	22	18
Brazil	3,676	0	0	0	0	9,196	0	0
Chile	0	5,894	2,951	2,950	0	29,405	0	2,940
China	3,514	0	0	10,338	3,391	17,221	6,747	7,341
Dominican Republic	0	0	2,934	0	0	2,945	0	0
Egypt	0	0	0	0	0	3,606	3,606	0
India	0	0	0	3,399	3,623	16,915	0	3,115
Italy	0	0	0	0	0	3,328	0	3,328
Japan	3,667	7,398	0	3,705	10,533	11,137	11,137	0
Jordan	3,453	0	6,655	2,945	5,368	9,870	0	0
Kuwait	3,281	6,784	3,360	3,378	0	7,068	0	0
Lithuania	0	0	0	0	0	0	0	0
Malta	0	0	0	0	867	0	0	0
Mexico	10,023	13,730	10,728	14,407	14,010	27,470	7,169	13,300
Netherlands	3,042	0	0	0	0	0	0	0
Pakistan	0	0	3,166	0	0	0	0	0
Poland	3,440	0	0	0	0	0	0	0
Portugal	3,625	0	0	1,692	3,442	3,700	0	0
South Korea	6,818	3,295	7,042	0	0	10,166	10,166	0
Spain	0	0	0	1,766	10,002	2,930	0	0
Taiwan	2,949	0	0	0	0	0	0	0
Thailand	0	0	3,113	0	0	0	0	0
Turkey	0	0	3,521	7,402	0	8,762	2,936	2,886
United Arab Emirates	10,062	3,347	0	0	0	3,391	0	0
United Kingdom	0	0	0	0	0	0	0	0
By Truck								
Canada	0	0	3	0	0	2	0	0
Mexico	26	70	61	44	85	375	42	48
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	612	0	0
Brazil	0	0	0	0	0	1,433	0	0
Egypt	0	0	0	0	0	0	0	0
India	0	0	0	0	0	547	0	0
Mexico	0	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
<b>Total LNG Exports</b>	<b>60,782</b>	<b>50,669</b>	<b>43,553</b>	<b>52,042</b>	<b>51,342</b>	<b>186,841</b>	<b>41,825</b>	<b>32,976</b>
<b>CNG</b>								
Canada	23	24	27	18	19	208	18	22
<b>Total CNG Exports</b>	<b>23</b>	<b>24</b>	<b>27</b>	<b>18</b>	<b>19</b>	<b>208</b>	<b>18</b>	<b>22</b>
<b>Total Exports</b>	<b>253,864</b>	<b>247,251</b>	<b>271,843</b>	<b>254,946</b>	<b>271,868</b>	<b>2,335,448</b>	<b>250,836</b>	<b>227,919</b>

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							
	October	September	August	July	June	May	April	March
<b>Exports</b>								
Volume (million cubic feet)								
<b>Pipeline</b>								
Canada	43,471	61,499	55,012	49,750	50,715	62,768	62,931	81,403
Mexico	129,984	123,722	132,446	123,173	115,836	115,606	104,857	103,413
<b>Total Pipeline Exports</b>	<b>173,455</b>	<b>185,222</b>	<b>187,458</b>	<b>172,923</b>	<b>166,551</b>	<b>178,375</b>	<b>167,789</b>	<b>184,816</b>
<b>LNG</b>								
Exports								
By Vessel								
Argentina	0	0	2,190	0	8,161	0	6,310	0
Bahamas	0	0	0	0	0	0	0	0
Barbados	15	14	11	8	2	1	3	2
Brazil	0	0	3,933	0	0	0	0	3,270
Chile	0	0	9,518	6,074	4,643	6,230	0	0
China	0	0	0	3,132	0	0	0	0
Dominican Republic	0	0	2,945	0	0	0	0	0
Egypt	0	0	0	0	0	0	0	0
India	0	3,639	3,701	0	3,617	0	0	2,844
Italy	0	0	0	0	0	0	0	0
Japan	0	0	0	0	0	0	0	0
Jordan	2,942	3,362	0	3,566	0	0	0	0
Kuwait	0	3,458	0	0	0	3,610	0	0
Lithuania	0	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0	0
Mexico	0	3,315	3,686	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0	0	0
Poland	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	3,700	0
South Korea	0	0	0	0	0	0	0	0
Spain	0	0	0	2,930	0	0	0	0
Taiwan	0	0	0	0	0	0	0	0
Thailand	0	0	0	0	0	0	0	0
Turkey	0	2,941	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0	3,391
United Kingdom	0	0	0	0	0	0	0	0
By Truck								
Canada	1	0	0	0	0	0	0	0
Mexico	42	35	30	28	22	33	23	24
Re-Exports								
By Vessel								
Argentina	0	0	612	0	0	0	0	0
Brazil	0	0	142	0	0	0	0	0
Egypt	0	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0	547
Mexico	0	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
<b>Total LNG Exports</b>	<b>3,000</b>	<b>16,764</b>	<b>26,768</b>	<b>15,739</b>	<b>16,445</b>	<b>9,874</b>	<b>10,036</b>	<b>10,078</b>
<b>CNG</b>								
Canada	11	0	0	20	18	25	28	21
<b>Total CNG Exports</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>18</b>	<b>25</b>	<b>28</b>	<b>21</b>
<b>Total Exports</b>	<b>176,466</b>	<b>201,986</b>	<b>214,226</b>	<b>188,682</b>	<b>183,013</b>	<b>188,274</b>	<b>177,853</b>	<b>194,915</b>

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	
	February	January	Total	December	November	October	September	August
<b>Exports</b>								
Volume (million cubic feet)								
<b>Pipeline</b>								
Canada	62,192	69,629	700,647	58,603	61,260	57,430	59,695	40,986
Mexico	97,234	98,841	1,054,271	99,952	91,490	98,314	100,111	101,131
<b>Total Pipeline Exports</b>	<b>159,426</b>	<b>168,470</b>	<b>1,754,918</b>	<b>158,555</b>	<b>152,750</b>	<b>155,744</b>	<b>159,806</b>	<b>142,117</b>
<b>LNG</b>								
Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Bahamas	0	0	0	0	0	0	0	0
Barbados	2	0	0	0	0	0	0	0
Brazil	1,993	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0	0
China	0	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0	0
Italy	0	0	0	0	0	0	0	0
Japan	0	0	8,262	0	0	2,755	0	2,753
Jordan	0	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0	0
Lithuania	0	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0	0	0
Poland	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0
South Korea	0	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0	0
Taiwan	0	0	8,257	0	0	0	2,755	0
Thailand	0	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0	0
By Truck								
Canada	0	2	41	0	1	0	2	0
Mexico	24	25	195	27	21	14	11	10
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Brazil	1,290	0	5,533	0	0	0	0	0
Egypt	0	0	2,947	0	2,947	0	0	0
India	0	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0	0
Turkey	0	0	3,145	3,145	0	0	0	0
<b>Total LNG Exports</b>	<b>3,309</b>	<b>26</b>	<b>28,381</b>	<b>3,172</b>	<b>2,969</b>	<b>2,769</b>	<b>2,767</b>	<b>2,763</b>
<b>CNG</b>								
Canada	22	25	214	27	20	4	0	5
<b>Total CNG Exports</b>	<b>22</b>	<b>25</b>	<b>214</b>	<b>27</b>	<b>20</b>	<b>4</b>	<b>0</b>	<b>5</b>
<b>Total Exports</b>	<b>162,757</b>	<b>168,521</b>	<b>1,783,512</b>	<b>161,754</b>	<b>155,739</b>	<b>158,517</b>	<b>162,573</b>	<b>144,885</b>

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
	July	June	May	April	March	February	January
<b>Exports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada	39,995	44,658	44,672	53,086	89,639	77,594	73,028
Mexico	101,031	90,724	86,805	77,196	74,286	64,596	68,635
<b>Total Pipeline Exports</b>	<b>141,027</b>	<b>135,382</b>	<b>131,477</b>	<b>130,283</b>	<b>163,925</b>	<b>142,190</b>	<b>141,663</b>
<b>LNG</b>							
Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Bahamas	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	2,753	0	0	0	0	0	0
Jordan	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Lithuania	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0	0
Poland	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	2,754	2,748	0	0	0	0
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
United Kingdom	0	0	0	0	0	0	0
By Truck							
Canada	5	6	6	6	6	4	6
Mexico	13	14	15	18	17	16	21
Re-Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	2,728	2,805
Egypt	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
<b>Total LNG Exports</b>	<b>2,771</b>	<b>2,774</b>	<b>2,769</b>	<b>24</b>	<b>23</b>	<b>2,748</b>	<b>2,832</b>
<b>CNG</b>							
Canada	23	23	28	21	20	17	27
<b>Total CNG Exports</b>	<b>23</b>	<b>23</b>	<b>28</b>	<b>21</b>	<b>20</b>	<b>17</b>	<b>27</b>
<b>Total Exports</b>	<b>143,820</b>	<b>138,179</b>	<b>134,274</b>	<b>130,328</b>	<b>163,967</b>	<b>144,955</b>	<b>144,522</b>

See footnotes at end of table.

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

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

								2017	
	Total	December	November	October	September	August	July	June	
<b>Exports</b>									
Average Price (dollars per thousand cubic feet)									
<b>Pipeline</b>									
Canada	3.12	3.19	2.99	2.78	2.88	2.84	2.90	3.02	
Mexico	3.26	3.34	3.29	3.28	3.29	3.27	3.22	3.13	
<b>Total Pipeline Exports</b>	<b>3.20</b>	<b>3.28</b>	<b>3.18</b>	<b>3.11</b>	<b>3.14</b>	<b>3.13</b>	<b>3.12</b>	<b>3.10</b>	
<b>LNG</b>									
Exports									
By Vessel									
Argentina	4.64	--	--	--	--	--	--	3.87	
Bahamas	10.40	10.40	--	--	--	--	--	--	
Barbados	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40
Brazil	4.15	--	--	4.14	3.55	--	4.23	--	
Chile	5.43	3.68	--	3.56	--	--	3.67	6.46	
China	4.32	4.87	4.60	3.56	3.99	--	3.67	--	
Dominican Republic	4.15	--	3.30	--	3.55	--	--	--	
Egypt	4.93	--	--	--	--	3.55	6.26	--	
India	4.84	6.80	4.41	--	--	--	--	4.67	
Italy	3.95	--	--	--	--	3.55	--	4.38	
Japan	6.14	5.87	--	3.56	--	6.14	--	6.99	
Jordan	4.40	3.68	--	5.45	--	3.55	--	--	
Kuwait	4.38	--	--	--	--	--	4.51	--	
Lithuania	3.84	--	--	--	3.55	4.13	--	--	
Malta	4.70	--	--	--	--	--	--	--	
Mexico	4.93	3.68	4.85	5.54	3.98	3.55	4.17	4.40	
Netherlands	6.35	--	--	--	--	--	--	--	
Pakistan	3.14	--	--	--	--	--	--	--	
Poland	4.26	--	--	--	--	--	--	--	
Portugal	5.65	--	3.29	--	--	4.38	6.26	--	
South Korea	4.18	4.20	4.60	4.15	4.05	3.59	3.67	3.87	
Spain	4.94	5.73	3.29	3.56	3.55	3.55	6.26	--	
Taiwan	4.77	--	6.41	3.56	--	--	--	--	
Thailand	3.14	--	--	--	--	--	--	--	
Turkey	4.84	3.68	3.98	--	3.55	--	--	--	
United Arab Emirates	3.87	--	--	--	--	--	--	--	
United Kingdom	3.87	--	--	--	--	--	--	3.87	
By Truck									
Canada	8.05	--	7.35	--	--	--	--	--	
Mexico	8.74	8.11	7.94	8.43	8.67	8.94	8.79	9.04	
Re-Exports									
By Vessel									
Argentina	--	--	--	--	--	--	--	--	
Brazil	--	--	--	--	--	--	--	--	
Egypt	--	--	--	--	--	--	--	--	
India	--	--	--	--	--	--	--	--	
Mexico	5.00	--	--	5.00	--	--	--	--	
Turkey	--	--	--	--	--	--	--	--	
<b>Total LNG Exports</b>	<b>4.69</b>	<b>4.74</b>	<b>4.47</b>	<b>4.02</b>	<b>3.88</b>	<b>3.88</b>	<b>4.26</b>	<b>4.61</b>	
<b>CNG</b>									
Canada	4.76	6.53	1.38	1.00	--	2.50	2.72	3.14	
<b>Total CNG Exports</b>	<b>4.76</b>	<b>6.53</b>	<b>1.38</b>	<b>1.00</b>	<b>--</b>	<b>2.50</b>	<b>2.72</b>	<b>3.14</b>	
<b>Total Exports</b>	<b>3.54</b>	<b>3.68</b>	<b>3.54</b>	<b>3.37</b>	<b>3.30</b>	<b>3.27</b>	<b>3.37</b>	<b>3.41</b>	

See footnotes at end of table.

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

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

	2017					2016		
	May	April	March	February	January	Total	December	November
<b>Exports</b>								
Average Price (dollars per thousand cubic feet)								
<b>Pipeline</b>								
Canada	3.16	3.19	3.01	3.22	3.85	2.60	3.82	2.71
Mexico	3.20	3.27	2.93	3.24	3.66	2.64	3.51	2.75
<b>Total Pipeline Exports</b>	<b>3.19</b>	<b>3.24</b>	<b>2.97</b>	<b>3.23</b>	<b>3.74</b>	<b>2.63</b>	<b>3.65</b>	<b>2.74</b>
<b>LNG</b>								
<b>Exports</b>								
<b>By Vessel</b>								
Argentina	4.77	4.82	--	--	--	4.47	--	--
Bahamas	--	--	--	--	--	--	--	--
Barbados	10.40	10.40	10.40	10.40	10.40	10.12	10.00	10.00
Brazil	4.63	--	--	--	--	4.39	--	--
Chile	--	6.65	6.26	7.18	--	5.30	--	5.64
China	4.62	--	--	4.92	4.70	4.16	4.50	3.21
Dominican Republic	--	--	5.59	--	--	5.41	--	--
Egypt	--	--	--	--	--	6.46	6.46	--
India	--	--	--	4.06	4.70	4.92	--	5.74
Italy	--	--	--	--	--	6.32	--	6.32
Japan	6.88	6.92	--	7.18	6.65	3.76	3.76	--
Jordan	3.76	--	4.42	4.06	6.41	5.11	--	--
Kuwait	4.77	4.19	3.14	5.50	--	4.40	--	--
Lithuania	--	--	--	--	--	--	--	--
Malta	--	--	--	--	4.70	--	--	--
Mexico	4.67	4.31	5.25	6.40	7.15	4.56	4.14	4.64
Netherlands	6.35	--	--	--	--	--	--	--
Pakistan	--	--	3.14	--	--	--	--	--
Poland	4.26	--	--	--	--	--	--	--
Portugal	6.35	--	--	7.18	7.29	3.58	--	--
South Korea	4.88	6.39	3.81	--	--	5.75	5.75	--
Spain	--	--	--	7.18	6.28	4.92	--	--
Taiwan	4.43	--	--	--	--	--	--	--
Thailand	--	--	3.14	--	--	--	--	--
Turkey	--	--	4.60	6.91	--	3.53	3.87	3.30
United Arab Emirates	3.89	3.80	--	--	--	4.18	--	--
United Kingdom	--	--	--	--	--	--	--	--
<b>By Truck</b>								
Canada	--	--	8.39	--	--	7.50	--	--
Mexico	8.90	8.95	8.64	9.97	9.66	9.81	10.20	9.72
<b>Re-Exports</b>								
<b>By Vessel</b>								
Argentina	--	--	--	--	--	4.51	--	--
Brazil	--	--	--	--	--	3.64	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	--	--	--	--	3.99	--	--
Mexico	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
<b>Total LNG Exports</b>	<b>4.80</b>	<b>5.16</b>	<b>4.47</b>	<b>5.99</b>	<b>6.44</b>	<b>4.71</b>	<b>4.68</b>	<b>4.58</b>
<b>CNG</b>								
Canada	3.39	3.35	3.32	7.73	12.97	3.30	4.72	2.55
<b>Total CNG Exports</b>	<b>3.39</b>	<b>3.35</b>	<b>3.32</b>	<b>7.73</b>	<b>12.97</b>	<b>3.30</b>	<b>4.72</b>	<b>2.55</b>
<b>Total Exports</b>	<b>3.57</b>	<b>3.63</b>	<b>3.21</b>	<b>3.79</b>	<b>4.25</b>	<b>2.79</b>	<b>3.82</b>	<b>3.00</b>

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
	October	September	August	July	June	May	April	March
<b>Exports</b>								
Average Price (dollars per thousand cubic feet)								
<b>Pipeline</b>								
Canada	2.72	2.83	2.65	2.73	2.23	1.98	2.07	1.99
Mexico	3.16	3.06	2.92	2.80	2.46	2.06	2.03	1.88
<b>Total Pipeline Exports</b>	<b>3.05</b>	<b>2.99</b>	<b>2.84</b>	<b>2.78</b>	<b>2.39</b>	<b>2.03</b>	<b>2.04</b>	<b>1.93</b>
<b>LNG</b>								
Exports								
By Vessel								
Argentina	--	--	4.51	--	4.71	--	4.16	--
Bahamas	--	--	--	--	--	--	--	--
Barbados	10.00	10.00	10.00	10.00	10.00	10.00	10.00	15.19
Brazil	--	--	5.29	--	--	--	--	3.83
Chile	--	--	5.53	5.82	4.69	4.72	--	--
China	--	--	--	5.66	--	--	--	--
Dominican Republic	--	--	5.41	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	5.00	5.01	--	4.77	--	--	3.98
Italy	--	--	--	--	--	--	--	--
Japan	--	--	--	--	--	--	--	--
Jordan	3.52	5.74	--	5.81	--	--	--	--
Kuwait	--	5.58	--	--	--	3.27	--	--
Lithuania	--	--	--	--	--	--	--	--
Malta	--	--	--	--	--	--	--	--
Mexico	--	5.53	4.23	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--
Pakistan	--	--	--	--	--	--	--	--
Poland	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	3.58	--
South Korea	--	--	--	--	--	--	--	--
Spain	--	--	--	4.92	--	--	--	--
Taiwan	--	--	--	--	--	--	--	--
Thailand	--	--	--	--	--	--	--	--
Turkey	--	3.41	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	4.18
United Kingdom	--	--	--	--	--	--	--	--
By Truck								
Canada	7.70	--	--	--	--	--	--	--
Mexico	10.06	9.78	9.72	9.76	9.43	9.67	8.99	8.96
Re-Exports								
By Vessel								
Argentina	--	--	4.51	--	--	--	--	--
Brazil	--	--	4.57	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	3.98
Mexico	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
<b>Total LNG Exports</b>	<b>3.65</b>	<b>5.11</b>	<b>5.13</b>	<b>5.63</b>	<b>4.72</b>	<b>4.21</b>	<b>3.96</b>	<b>4.01</b>
<b>CNG</b>								
Canada	2.53	--	--	3.88	2.80	3.22	2.58	3.05
<b>Total CNG Exports</b>	<b>2.53</b>	--	--	<b>3.88</b>	<b>2.80</b>	<b>3.22</b>	<b>2.58</b>	<b>3.05</b>
<b>Total Exports</b>	<b>3.06</b>	<b>3.16</b>	<b>3.13</b>	<b>3.02</b>	<b>2.60</b>	<b>2.15</b>	<b>2.15</b>	<b>2.04</b>

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	2015
	February	January						August
<b>Exports</b>								
Average Price (dollars per thousand cubic feet)								
<b>Pipeline</b>								
Canada	2.34	2.66	3.15	2.30	2.50	2.76	2.97	2.97
Mexico	2.20	2.45	2.81	2.30	2.26	2.61	2.77	3.00
<b>Total Pipeline Exports</b>	<b>2.26</b>	<b>2.54</b>	<b>2.95</b>	<b>2.30</b>	<b>2.36</b>	<b>2.66</b>	<b>2.84</b>	<b>2.99</b>
<b>LNG</b>								
Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--
Barbados	10.00	--	--	--	--	--	--	--
Brazil	3.54	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--
Japan	--	--	7.50	--	--	6.51	--	7.90
Jordan	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--
Malta	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--
Pakistan	--	--	--	--	--	--	--	--
Poland	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--
South Korea	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--
Taiwan	--	--	7.49	--	--	--	7.16	--
Thailand	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--
By Truck								
Canada	--	7.41	12.36	--	6.81	--	10.18	--
Mexico	10.16	10.96	10.44	10.90	10.59	10.48	9.81	9.94
Re-Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Brazil	3.54	--	15.20	--	--	--	--	--
Egypt	--	--	16.71	--	16.71	--	--	--
India	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--
Turkey	--	--	15.99	15.99	--	--	--	--
<b>Total LNG Exports</b>	<b>3.59</b>	<b>10.74</b>	<b>10.92</b>	<b>15.95</b>	<b>16.67</b>	<b>6.53</b>	<b>7.17</b>	<b>7.91</b>
<b>CNG</b>								
Canada	2.42	5.09	5.73	5.46	4.80	3.42	--	2.08
<b>Total CNG Exports</b>	<b>2.42</b>	<b>5.09</b>	<b>5.73</b>	<b>5.46</b>	<b>4.80</b>	<b>3.42</b>	--	<b>2.08</b>
<b>Total Exports</b>	<b>2.28</b>	<b>2.54</b>	<b>3.07</b>	<b>2.57</b>	<b>2.63</b>	<b>2.73</b>	<b>2.92</b>	<b>3.09</b>

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						
	July	June	May	April	March	February	January
<b>Exports</b>							
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.84	2.85	2.85	2.91	3.71	4.39	3.63
Mexico	3.01	2.94	2.86	2.77	3.03	3.10	3.38
<b>Total Pipeline Exports</b>	<b>2.96</b>	<b>2.91</b>	<b>2.85</b>	<b>2.83</b>	<b>3.40</b>	<b>3.81</b>	<b>3.51</b>
<b>LNG</b>							
Exports							
By Vessel							
Argentina	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--
Japan	8.08	--	--	--	--	--	--
Jordan	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--
Malta	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--
Pakistan	--	--	--	--	--	--	--
Poland	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--
South Korea	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--
Taiwan	--	7.80	7.50	--	--	--	--
Thailand	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--
By Truck							
Canada	13.39	12.01	12.14	11.88	12.77	12.77	13.27
Mexico	9.96	10.01	9.96	10.03	10.52	10.62	11.27
Re-Exports							
By Vessel							
Argentina	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	12.89	17.44
Egypt	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--
<b>Total LNG Exports</b>	<b>8.10</b>	<b>7.82</b>	<b>7.53</b>	<b>10.53</b>	<b>11.10</b>	<b>12.87</b>	<b>17.39</b>
<b>CNG</b>							
Canada	2.91	2.44	2.37	3.35	10.08	10.53	11.89
<b>Total CNG Exports</b>	<b>2.91</b>	<b>2.44</b>	<b>2.37</b>	<b>3.35</b>	<b>10.08</b>	<b>10.53</b>	<b>11.89</b>
<b>Total Exports</b>	<b>3.06</b>	<b>3.01</b>	<b>2.95</b>	<b>2.83</b>	<b>3.41</b>	<b>3.98</b>	<b>3.78</b>

<sup>R</sup> 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
<b>2012 Total</b>	<b>3,164,791</b>	<b>1,146,168</b>	<b>246,822</b>	<b>1,709,376</b>	<b>296,299</b>	<b>2,955,437</b>	<b>66,954</b>	<b>1,276,296</b>	<b>258,568</b>	<b>84,482</b>
<b>2013 Total</b>	<b>3,215,358</b>	<b>1,139,654</b>	<b>252,310</b>	<b>1,604,860</b>	<b>292,467</b>	<b>2,366,943</b>	<b>63,242</b>	<b>1,247,394</b>	<b>345,787</b>	<b>166,017</b>
<b>2014 Total</b>	<b>3,168,545</b>	<b>1,122,733</b>	<b>238,988</b>	<b>1,643,487</b>	<b>286,480</b>	<b>1,968,618</b>	<b>59,160</b>	<b>1,266,379</b>	<b>463,216</b>	<b>512,371</b>
<b>2015</b>										
January	291,928	90,125	21,912	140,869	27,172	153,547	5,016	103,336	45,741	67,682
February	254,488	78,244	20,022	129,576	24,407	141,691	4,577	97,979	41,448	61,132
March	299,987	88,895	21,299	143,078	26,629	157,397	5,016	110,018	47,329	67,682
April	284,701	87,268	20,597	138,665	23,219	153,429	4,865	107,823	46,025	77,407
May	261,374	89,391	21,197	141,803	23,808	157,008	5,022	112,030	50,375	79,988
June	223,007	84,124	19,568	138,658	22,962	145,892	4,819	107,761	49,649	77,407
July	221,334	85,281	19,225	141,637	23,434	152,212	5,037	109,801	51,399	87,799
August	204,070	83,696	19,466	145,033	23,490	151,668	4,883	113,047	50,978	87,799
September	261,160	81,253	18,394	138,475	22,510	150,117	4,711	110,716	48,122	84,966
October	279,437	82,974	18,535	146,290	23,066	151,997	4,914	113,223	51,373	106,279
November	289,760	78,977	18,003	141,028	21,731	146,069	4,677	108,782	50,340	102,851
December	304,055	80,153	18,431	143,621	21,757	152,205	4,703	102,277	51,854	106,279
<b>Total</b>	<b>3,175,301</b>	<b>1,010,382</b>	<b>236,648</b>	<b>1,688,733</b>	<b>284,184</b>	<b>1,813,232</b>	<b>58,240</b>	<b>1,296,793</b>	<b>584,632</b>	<b>1,007,270</b>
<b>2016</b>										
January	298,815	77,597	18,222	144,385	21,484	152,596	4,617	102,077	50,910	116,601
February	273,298	71,660	16,831	133,673	19,989	144,080	4,316	98,322	49,055	109,078
March	295,235	74,250	17,699	142,802	21,377	148,825	4,585	109,592	53,093	116,601
April	246,130	70,509	16,358	139,137	20,320	150,626	4,413	106,067	48,918	114,453
May	269,206	71,560	18,102	144,657	20,886	147,873	4,506	108,846	51,007	118,268
June	233,815	67,078	16,791	136,813	19,740	139,677	4,267	105,571	49,984	114,453
July	239,442	68,014	17,456	142,734	20,517	153,351	4,374	109,518	52,667	126,044
August	250,330	66,946	17,328	146,011	20,312	142,598	4,124	111,555	50,848	126,044
September	249,275	63,995	16,728	140,186	20,802	142,785	4,161	108,091	48,398	121,978
October	271,920	65,706	16,891	145,883	19,826	146,371	4,335	110,002	53,311	126,825
November	293,978	62,827	16,194	141,394	18,435	137,719	4,258	107,031	52,872	122,734
December	308,524	63,081	16,424	144,060	19,769	145,766	4,170	108,026	47,768	126,825
<b>Total</b>	<b>3,229,968</b>	<b>823,223</b>	<b>205,024</b>	<b>1,701,735</b>	<b>243,459</b>	<b>1,752,269</b>	<b>52,125</b>	<b>1,284,698</b>	<b>608,832</b>	<b>1,439,905</b>
<b>2017</b>										
January	301,506	€62,084	€17,262	€143,020	€19,255	€152,924	€4,050	€105,047	€48,508	€132,523
February	275,044	€56,403	€15,322	€130,148	€17,565	€144,401	€3,718	€97,492	€47,993	€122,279
March	308,109	€61,907	€16,909	€142,549	€19,215	€165,872	€4,050	€109,033	€54,226	€131,234
April	286,950	€59,935	€16,607	€136,337	€18,233	€157,147	€3,963	€107,907	€55,399	€130,878
May	286,688	€61,145	€17,293	€138,439	€18,516	€164,615	€4,128	€112,597	€57,699	€134,785
June	248,820	€58,505	€16,855	€134,382	€18,353	€170,555	€3,983	€108,686	€55,694	€139,251
July	205,716	€58,908	€17,599	€140,105	€18,873	€180,478	€4,128	€112,374	€58,527	€156,236
August	221,588	€58,542	€17,224	€143,311	€18,574	€183,416	€4,146	€111,912	€59,936	€160,228
September	255,360	€55,950	€16,594	€140,164	€18,070	€189,126	€3,888	€112,684	€57,902	€160,759
October	283,185	RE57,372	RE16,997	RE147,258	RE18,271	RE199,520	RE4,019	RE119,179	RE63,606	RE169,369
November	RE282,600	RE54,586	RE16,434	RE143,516	RE17,604	RE203,282	RE3,847	RE115,994	RE62,839	RE168,075
December	295,213	€55,524	€16,858	€152,472	€17,730	€217,753	€3,966	€117,809	€64,769	€181,006
<b>Total</b>	<b>3,250,779</b>	<b>€700,861</b>	<b>€201,954</b>	<b>€1,691,700</b>	<b>€220,259</b>	<b>€2,129,090</b>	<b>€47,887</b>	<b>€1,330,715</b>	<b>€687,096</b>	<b>€1,786,623</b>

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
<b>2012 Total</b>	<b>2,023,461</b>	<b>2,256,696</b>	<b>8,143,510</b>	<b>490,393</b>	<b>539,860</b>	<b>2,225,622</b>	<b>1,129,702</b>	<b>1,527,875</b>	<b>29,542,313</b>
<b>2013 Total</b>	<b>1,993,754</b>	<b>3,259,042</b>	<b>8,299,472</b>	<b>470,863</b>	<b>741,853</b>	<b>2,047,757</b>	<b>689,082</b>	<b>1,326,697</b>	<b>29,522,551</b>
<b>2014 Total</b>	<b>2,331,086</b>	<b>4,257,693</b>	<b>8,659,188</b>	<b>454,545</b>	<b>1,067,114</b>	<b>1,998,505</b>	<b>631,536</b>	<b>1,275,738</b>	<b>31,405,381</b>
<b>2015</b>									
January	206,817	408,019	741,599	37,062	110,271	178,061	53,214	107,681	2,790,052
February	186,741	370,836	681,889	33,962	99,105	151,128	47,912	95,373	2,520,509
March	216,067	413,155	758,560	39,205	113,858	170,497	51,938	96,915	2,827,524
April	209,983	392,752	737,351	37,609	111,323	167,277	50,048	108,387	2,758,730
May	214,639	391,332	754,727	38,022	118,474	167,304	51,583	112,773	2,790,849
June	211,079	376,856	728,514	36,200	111,890	164,163	50,864	106,744	2,660,158
July	217,883	401,777	754,259	36,152	111,602	167,442	51,863	118,085	2,756,222
August	213,529	409,771	749,458	32,688	114,734	168,011	51,915	120,511	2,744,748
September	204,298	398,110	725,565	30,658	111,675	163,194	50,133	117,390	2,721,449
October	209,342	407,234	739,568	31,148	108,349	168,674	51,591	112,082	2,806,078
November	201,517	409,344	709,572	30,470	97,462	163,878	49,369	102,391	2,726,220
December	207,703	433,795	718,403	33,843	106,504	166,291	50,926	109,310	2,812,110
<b>Total</b>	<b>2,499,599</b>	<b>4,812,983</b>	<b>8,799,465</b>	<b>417,020</b>	<b>1,315,248</b>	<b>1,995,920</b>	<b>611,356</b>	<b>1,307,641</b>	<b>32,914,647</b>
<b>2016</b>									
January	214,000	450,922	708,909	33,693	114,272	163,252	49,962	106,112	2,828,428
February	201,258	433,902	665,272	30,758	108,093	150,993	47,296	98,278	2,656,151
March	214,561	452,300	709,251	32,962	112,282	163,979	50,258	108,373	2,828,024
April	203,524	434,079	681,995	31,448	110,827	155,671	47,212	98,924	2,680,613
May	211,836	461,572	701,425	31,673	114,948	153,542	48,932	107,842	2,786,681
June	202,081	439,006	679,161	29,665	104,295	152,482	46,178	95,084	2,636,140
July	210,617	447,965	695,856	30,310	119,222	143,848	47,887	100,667	2,730,488
August	211,218	441,382	691,089	30,265	119,208	145,507	47,558	103,426	2,725,751
September	202,202	422,298	652,653	28,814	114,934	151,793	46,095	94,916	2,630,104
October	206,225	425,641	668,817	29,150	118,134	160,068	47,174	101,986	2,718,264
November	195,366	439,688	638,439	27,742	116,078	152,693	45,985	99,189	2,672,624
December	195,424	464,502	640,971	28,185	122,817	154,317	46,387	105,226	2,742,243
<b>Total</b>	<b>2,468,312</b>	<b>5,313,258</b>	<b>8,133,837</b>	<b>364,665</b>	<b>1,375,108</b>	<b>1,848,145</b>	<b>570,925</b>	<b>1,220,022</b>	<b>32,635,511</b>
<b>2017</b>									
January	€193,927	€461,677	€642,478	€27,708	€123,989	€141,236	€46,615	€103,146	€2,726,954
February	€179,163	€419,527	€593,768	€25,035	€112,378	€130,019	€41,766	€91,716	€2,503,737
March	€207,995	€459,647	€648,931	€27,670	€126,645	€144,709	€45,844	€103,134	€2,777,679
April	€203,362	€447,620	€632,883	€26,517	€121,705	€141,143	€43,986	€91,107	€2,681,680
May	€207,889	€457,732	€665,833	€27,345	€131,952	€141,295	€45,363	€96,442	€2,769,754
June	€203,690	€443,171	€650,017	€26,136	€130,111	€141,289	€43,193	€88,914	€2,681,604
July	€213,003	€457,136	€682,119	€26,211	€136,091	€144,476	€42,314	€95,806	€2,750,099
August	€218,247	€450,264	€667,869	€26,190	€143,578	€145,435	€43,772	€89,912	€2,764,143
September	€211,644	€444,256	€656,486	€25,228	€139,445	€142,018	€41,582	€86,260	€2,757,416
October	RE226,421	RE449,628	RE695,350	RE25,702	€144,282	RE146,958	€42,253	RE78,858	RE2,888,227
November	RE220,038	RE469,882	RE681,654	RE24,619	€144,091	RE144,978	RE41,021	RE79,260	RE2,874,322
December	€227,925	€500,721	€702,981	€24,990	€149,235	€150,098	€40,634	€74,801	€2,994,484
<b>Total</b>	<b>€2,513,304</b>	<b>€5,461,259</b>	<b>€7,920,369</b>	<b>€313,353</b>	<b>€1,603,499</b>	<b>€1,713,653</b>	<b>€518,342</b>	<b>€1,079,355</b>	<b>€33,170,099</b>

R Revised data.

E Estimated data.

RE Revised estimated data.

**Notes:** Data for Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and Federal Offshore Gulf of Mexico are individually collected on the EIA-914 survey. The "Other States" category comprises states/areas not individually collected on the EIA-914 survey (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia). Before 2017, Federal Offshore Pacific is included in California. All data for Alaska are obtained directly from the state. Monthly preliminary state-level data for all states not collected individually on the EIA-914 survey are available after the final annual reports for these series are collected and processed. Final annual data are generally available in the third quarter of the following year. The sum of individual states may not equal total U.S. volumes due to independent rounding.

**Sources:** 2012-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*, Bureau of Safety and Environmental Enforcement (BSEE), PointLogic Energy, Ventyx, and BENTEK Energy. January 2017 through current month: Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report"; and EIA computations.

**Table 7. Marketed production of natural gas in selected states and the Federal Gulf of Mexico, 2012-2017**  
(million cubic feet)

Year and Month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
<b>2012 Total</b>	<b>351,259</b>	<b>1,146,168</b>	<b>246,822</b>	<b>1,709,376</b>	<b>296,299</b>	<b>2,955,437</b>	<b>66,954</b>	<b>1,215,773</b>	<b>172,242</b>	<b>84,482</b>
<b>2013 Total</b>	<b>338,182</b>	<b>1,139,654</b>	<b>252,310</b>	<b>1,604,860</b>	<b>292,467</b>	<b>2,360,202</b>	<b>63,242</b>	<b>1,171,640</b>	<b>235,711</b>	<b>166,017</b>
<b>2014 Total</b>	<b>345,310</b>	<b>1,122,733</b>	<b>238,988</b>	<b>1,643,487</b>	<b>286,480</b>	<b>1,960,813</b>	<b>59,160</b>	<b>1,229,519</b>	<b>326,491</b>	<b>512,371</b>
<b>2015</b>										
January	31,439	90,125	21,912	140,869	27,172	152,965	4,306	99,852	34,895	67,682
February	27,510	78,244	20,022	129,576	24,407	141,110	3,881	94,651	32,920	61,132
March	30,523	88,895	21,299	143,078	26,629	156,690	4,298	105,693	37,316	67,682
April	29,759	87,268	20,597	138,665	23,219	152,756	4,207	103,212	37,409	77,407
May	29,124	89,391	21,197	141,803	23,808	156,312	4,368	107,073	40,719	79,988
June	26,000	84,124	19,568	138,658	22,962	145,136	4,274	102,930	40,005	77,407
July	26,682	85,281	19,225	141,637	23,434	151,526	4,523	104,436	40,606	87,799
August	25,176	83,696	19,466	145,033	23,490	151,056	4,361	107,681	39,897	87,799
September	27,600	81,253	18,394	138,475	22,510	149,515	4,206	106,667	38,652	84,966
October	29,182	82,974	18,535	146,290	23,066	151,322	4,468	109,328	43,497	106,279
November	29,690	78,977	18,003	141,028	21,731	145,424	4,169	104,847	41,867	102,851
December	30,941	80,153	18,431	143,621	21,757	151,385	4,294	98,775	43,579	106,279
<b>Total</b>	<b>343,625</b>	<b>1,010,382</b>	<b>236,648</b>	<b>1,688,733</b>	<b>284,184</b>	<b>1,805,197</b>	<b>51,356</b>	<b>1,245,145</b>	<b>471,360</b>	<b>1,007,270</b>
<b>2016</b>										
January	30,686	77,597	18,222	144,385	21,484	151,821	4,208	98,350	43,619	116,601
February	28,434	71,660	16,831	133,673	19,989	143,518	3,917	94,865	42,962	109,078
March	29,898	74,250	17,699	142,802	21,377	148,098	4,213	106,173	47,263	116,601
April	26,258	70,509	16,358	139,137	20,320	149,851	4,081	102,922	44,024	114,453
May	27,088	71,560	18,102	144,657	20,886	147,088	4,084	105,618	44,691	118,268
June	24,882	67,078	16,791	136,813	19,740	138,875	3,986	102,475	44,296	114,453
July	25,025	68,014	17,456	142,734	20,517	152,589	4,045	106,650	46,329	126,044
August	24,918	66,946	17,328	146,011	20,312	141,844	3,617	109,026	44,343	126,044
September	24,970	63,995	16,728	140,186	20,802	142,042	3,769	105,907	42,229	121,978
October	28,546	65,706	16,891	145,883	19,826	145,631	3,991	109,076	44,893	126,825
November	35,778	62,827	16,194	141,394	18,435	136,943	3,975	104,488	46,642	122,734
December	31,612	63,081	16,424	144,060	19,769	144,959	3,921	105,464	40,598	126,825
<b>Total</b>	<b>338,095</b>	<b>823,223</b>	<b>205,024</b>	<b>1,701,735</b>	<b>243,459</b>	<b>1,743,259</b>	<b>47,807</b>	<b>1,251,013</b>	<b>531,889</b>	<b>1,439,905</b>
<b>2017</b>										
January	31,023	€62,084	€17,262	€143,020	€19,255	€152,236	€4,050	€100,436	€40,456	€132,523
February	28,145	€56,403	€15,322	€130,148	€17,565	€143,751	€3,718	€93,212	€40,026	€122,279
March	31,344	€61,907	€16,909	€142,549	€19,215	€165,126	€4,050	€104,247	€45,224	€131,234
April	30,373	€59,935	€16,607	€136,337	€18,233	€156,440	€3,963	€103,170	€46,203	€130,878
May	30,399	€61,145	€17,293	€138,439	€18,516	€163,874	€4,128	€107,654	€48,121	€134,785
June	27,509	€58,505	€16,855	€134,382	€18,353	€169,788	€3,983	€103,915	€46,449	€139,251
July	24,025	€58,908	€17,599	€140,105	€18,873	€179,666	€4,128	€107,440	€48,811	€156,236
August	24,427	€58,542	€17,224	€143,311	€18,574	€182,591	€4,146	€106,999	€49,986	€160,228
September	27,205	€55,950	€16,594	€140,164	€18,070	€188,275	€3,888	€107,737	€48,290	€160,759
October	29,536	RE57,372	RE16,997	RE147,258	RE18,271	RE198,622	RE4,019	RE113,947	RE53,047	RE169,369
November	R29,760	RE54,586	RE16,434	RE143,516	RE17,604	RE202,367	RE3,847	RE110,902	RE52,408	RE168,075
December	30,640	€55,524	€16,858	€152,472	€17,730	€216,773	€3,966	€112,637	€54,017	€181,006
<b>Total</b>	<b>344,385</b>	<b>€700,861</b>	<b>€201,954</b>	<b>€1,691,700</b>	<b>€220,259</b>	<b>€2,119,509</b>	<b>€47,887</b>	<b>€1,272,297</b>	<b>€573,038</b>	<b>€1,786,623</b>

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
<b>2012 Total</b>	<b>2,023,461</b>	<b>2,256,696</b>	<b>7,475,495</b>	<b>490,393</b>	<b>539,860</b>	<b>2,022,275</b>	<b>722,721</b>	<b>1,507,564</b>	<b>25,283,278</b>
<b>2013 Total</b>	<b>1,993,754</b>	<b>3,259,042</b>	<b>7,633,618</b>	<b>470,863</b>	<b>741,853</b>	<b>1,858,207</b>	<b>671,364</b>	<b>1,309,246</b>	<b>25,562,232</b>
<b>2014 Total</b>	<b>2,331,086</b>	<b>4,257,693</b>	<b>7,985,019</b>	<b>454,545</b>	<b>1,067,114</b>	<b>1,794,413</b>	<b>628,854</b>	<b>1,253,678</b>	<b>27,497,754</b>
<b>2015</b>									
January	206,817	408,019	666,792	37,062	110,271	162,702	51,564	105,908	2,420,352
February	186,741	370,836	615,252	33,962	99,105	137,164	46,428	94,048	2,196,987
March	216,067	413,155	678,110	39,205	113,858	154,586	50,405	95,632	2,443,119
April	209,983	392,752	665,298	37,609	111,323	151,397	48,479	107,100	2,398,440
May	214,639	391,332	674,199	38,022	118,474	150,918	49,984	111,365	2,442,713
June	211,079	376,856	657,920	36,200	111,890	148,776	49,267	105,365	2,358,416
July	217,883	401,777	673,973	36,152	111,602	151,349	50,213	116,654	2,444,753
August	213,529	409,771	667,422	32,688	114,734	152,364	50,234	119,136	2,447,534
September	204,298	398,110	654,404	30,658	111,675	147,401	48,523	116,224	2,383,531
October	209,342	407,234	660,397	31,148	108,349	152,745	49,991	110,894	2,445,042
November	201,517	409,344	630,975	30,470	97,462	148,602	47,893	101,386	2,356,237
December	207,703	433,795	645,718	33,843	106,504	150,515	49,392	108,235	2,434,920
<b>Total</b>	<b>2,499,599</b>	<b>4,812,983</b>	<b>7,890,459</b>	<b>417,020</b>	<b>1,315,248</b>	<b>1,808,519</b>	<b>592,373</b>	<b>1,291,945</b>	<b>28,772,044</b>
<b>2016</b>									
January	214,000	450,922	621,895	33,693	114,272	147,540	48,697	104,894	2,442,885
February	201,258	433,902	594,949	30,758	108,093	137,354	46,203	97,179	2,314,623
March	214,561	452,300	623,228	32,962	112,282	148,539	49,086	107,359	2,448,690
April	203,524	434,079	612,801	31,448	110,827	141,626	46,163	97,916	2,366,297
May	211,836	461,572	618,225	31,673	114,948	138,412	47,849	106,892	2,433,449
June	202,081	439,006	602,560	29,665	104,295	136,951	45,212	93,696	2,322,854
July	210,617	447,965	627,045	30,310	119,222	130,313	46,882	98,938	2,420,694
August	211,218	441,382	611,890	30,265	119,208	131,826	46,574	102,366	2,395,119
September	202,202	422,298	578,140	28,814	114,934	135,706	45,129	93,821	2,303,650
October	206,225	425,641	588,224	29,150	118,134	143,125	46,229	100,914	2,364,909
November	195,366	439,688	562,035	27,742	116,078	136,183	45,034	98,184	2,309,723
December	195,424	464,502	562,020	28,185	122,817	137,030	45,531	104,171	2,356,396
<b>Total</b>	<b>2,468,312</b>	<b>5,313,258</b>	<b>7,203,012</b>	<b>364,665</b>	<b>1,375,108</b>	<b>1,664,604</b>	<b>558,589</b>	<b>1,206,328</b>	<b>28,479,288</b>
<b>2017</b>									
January	£193,927	£461,677	£554,138	£27,708	£123,989	£128,115	£45,608	£101,650	£2,339,155
February	£179,163	£419,527	£512,125	£25,035	£112,378	£117,940	£40,864	£90,386	£2,147,988
March	£207,995	£459,647	£559,703	£27,670	£126,645	£131,265	£44,854	£101,639	£2,381,223
April	£203,362	£447,620	£545,862	£26,517	£121,705	£128,031	£43,036	£89,786	£2,308,058
May	£207,889	£457,732	£574,281	£27,345	£131,952	£128,168	£44,383	£95,044	£2,391,147
June	£203,690	£443,171	£560,639	£26,136	£130,111	£128,163	£42,260	£87,624	£2,340,784
July	£213,003	£457,136	£588,328	£26,211	£136,091	£131,054	£41,400	£94,417	£2,443,431
August	£218,247	£450,264	£576,037	£26,190	£143,578	£131,924	£42,826	£88,608	£2,443,703
September	£211,644	£444,256	£566,219	£25,228	£139,445	£128,825	£40,684	£85,010	£2,408,242
October	RE226,421	RE449,628	RE599,739	RE25,702	£144,282	RE133,305	£41,340	RE77,715	RE2,506,570
November	RE220,038	RE469,882	RE587,927	RE24,619	£144,091	RE131,509	RE40,135	RE78,111	RE2,495,812
December	£227,925	£500,721	£606,321	£24,990	£149,235	£136,154	£39,756	£73,716	£2,600,441
<b>Total</b>	<b>£2,513,304</b>	<b>£5,461,259</b>	<b>£6,831,318</b>	<b>£313,353</b>	<b>£1,603,499</b>	<b>£1,554,455</b>	<b>£507,145</b>	<b>£1,063,704</b>	<b>£28,806,552</b>

<sup>R</sup> Revised data.<sup>E</sup> Estimated data.<sup>RE</sup> Revised estimated data.

**Notes:** For 2017 forward, state monthly marketed production is estimated from gross withdrawals using historical relationships between the two. Data for Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and Federal Offshore Gulf of Mexico are individually collected on the EIA-914 survey. The "Other States" category comprises states/areas not individually collected on the EIA-914 survey (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia). Before 2017, Federal Offshore Pacific is included in California. All data for Alaska are obtained directly from the state. Monthly preliminary state-level data for all states not collected individually on the EIA-914 survey are available after the final annual reports for these series are collected and processed. Final annual data are generally available in the third quarter of the following year. The sum of individual states may not equal total U.S. volumes due to independent rounding.

**Sources:** 2012-2016: Energy Information Administration (EIA), *Natural Gas Annual 2016*, Bureau of Safety and Environmental Enforcement (BSEE), PointLogic Energy, Ventyx, and BENTEK Energy. January 2017 through current month: Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report"; and EIA computations.

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

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total <sup>c</sup>	Volume	Percent	Injections	Withdrawals	Net Withdrawals <sup>b</sup>
<b>2012 Total<sup>c</sup></b>	--	--	--	--	--	<b>2,825</b>	<b>2,818</b>	<b>-7</b>
<b>2013 Total<sup>c</sup></b>	--	--	--	--	--	<b>3,156</b>	<b>3,702</b>	<b>546</b>
<b>2014 Total<sup>c</sup></b>	--	--	--	--	--	<b>3,839</b>	<b>3,586</b>	<b>-253</b>
<b>2015</b>								
January	4,368	2,407	6,776	482	25.1	70	795	725
February	4,368	1,666	6,034	466	38.8	62	803	742
March	4,369	1,471	5,841	614	71.6	182	376	193
April	4,369	1,793	6,162	727	68.1	405	84	-321
May	4,371	2,287	6,658	739	47.8	541	44	-496
June	4,375	2,647	7,022	641	32.0	430	68	-362
July	4,380	2,924	7,305	524	21.9	379	95	-284
August	4,372	3,242	7,614	473	17.1	394	85	-309
September	4,373	3,614	7,987	427	13.4	435	63	-372
October	4,374	3,942	8,316	355	9.9	401	70	-331
November	4,376	3,927	8,303	500	14.6	201	214	12
December	4,372	3,667	8,038	525	16.7	138	403	264
<b>Total</b>	--	--	--	--	--	<b>3,638</b>	<b>3,100</b>	<b>-539</b>
<b>2016</b>								
January	4,369	2,938	7,307	531	22.1	66	795	729
February	4,369	2,534	6,904	869	52.2	111	515	403
March	4,360	2,486	6,847	1,015	69.0	215	264	49
April	4,364	2,646	7,009	852	47.5	294	130	-164
May	4,366	2,966	7,332	679	29.7	402	74	-329
June	4,369	3,186	7,555	539	20.4	316	94	-222
July	4,369	3,318	7,687	394	13.5	283	150	-133
August	4,369	3,441	7,811	200	6.2	285	162	-124
September	4,369	3,705	8,074	91	2.5	351	88	-262
October	4,371	4,013	8,384	70	1.8	387	78	-308
November	4,372	3,977	8,349	50	1.3	178	213	35
December	4,380	3,297	7,677	-370	-10.1	87	762	676
<b>Total</b>	--	--	--	--	--	<b>2,977</b>	<b>3,325</b>	<b>348</b>
<b>2017</b>								
January	4,379	2,623	7,002	-315	-10.7	101	776	675
February	4,378	2,338	6,716	-196	-7.7	131	416	285
March	4,379	2,063	6,442	-423	-17.0	167	443	275
April	4,380	2,292	6,672	-353	-13.4	341	111	-230
May	4,386	2,627	7,013	-339	-11.4	423	82	-341
June	4,355	2,908	7,263	-278	-8.7	387	106	-281
July	4,357	3,055	7,412	-263	-7.9	310	160	-150
August	4,356	3,250	7,606	-191	-5.6	355	160	-196
September	4,356	3,568	7,924	-137	-3.7	423	107	-317
October	4,355	3,817	8,171	-196	-4.9	385	137	-248
November	4,354	3,732	8,086	-245	<sup>R</sup> -6.1	203	288	85
December	4,359	3,039	7,398	-258	-7.8	80	773	693
<b>Total</b>	--	--	--	--	--	<b>3,308</b>	<b>3,559</b>	<b>251</b>

<sup>a</sup> Total underground storage capacity at the end of each calendar year (in billion cubic feet): 2012 – 8,991; 2013 – 9,173; 2014 – 9,233; 2015- 9,231; and 2016 – 9,239. Total storage capacity of existing fields includes both active and inactive fields.

<sup>b</sup> Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

<sup>c</sup> Total as of December 31.

<sup>R</sup> Revised data.

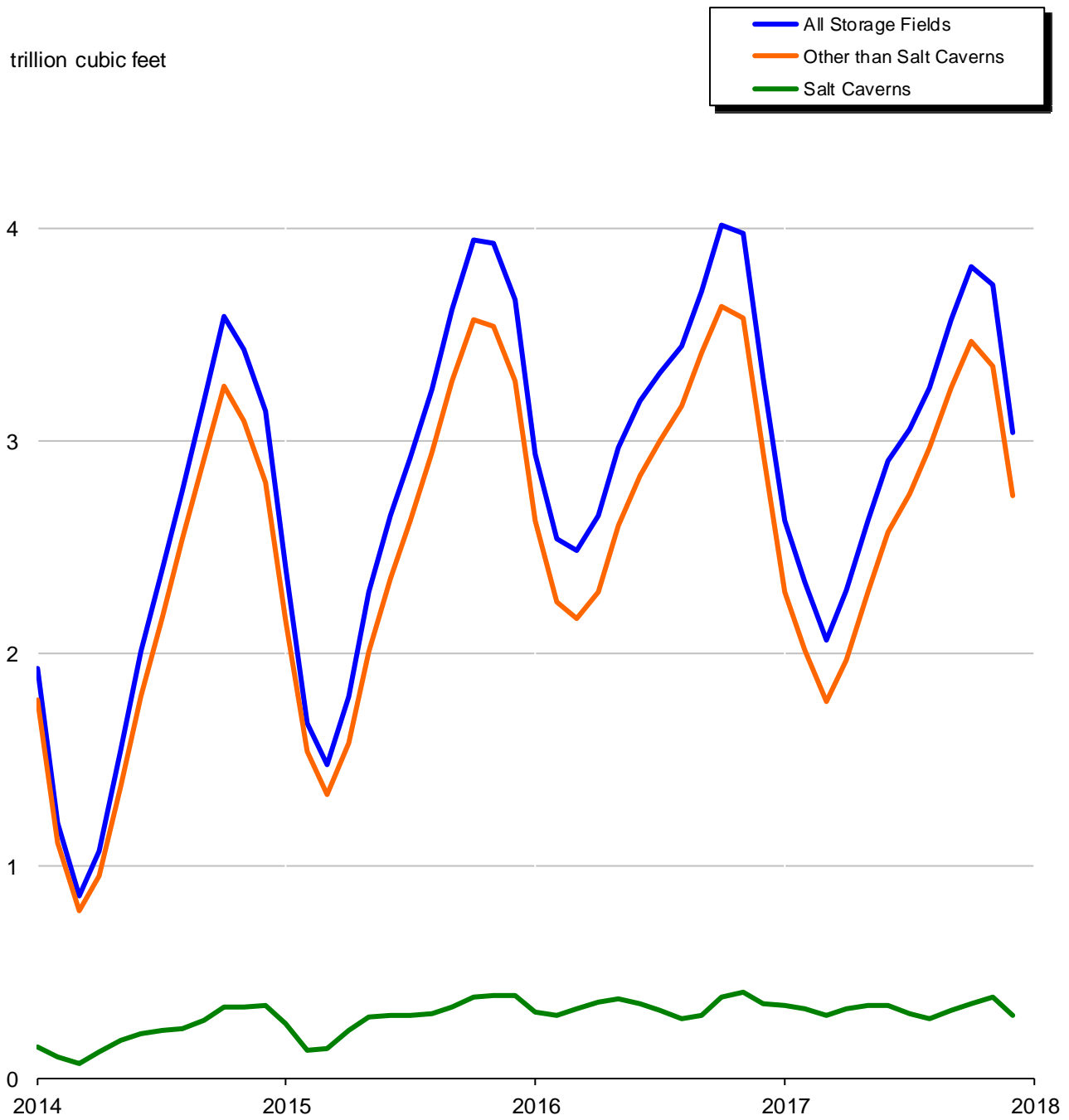
-- Not applicable.

**Notes:** Data for 2012 through 2015 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Alaska added to U.S. totals as of January 2013. Change in Working Gas from Same Period, Previous Year, includes data for Alaska, which had no working gas recorded for periods prior to January 2013.

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

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

Figure 5



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

Table 9. Underground natural gas storage – by season, 2016-2018

(volumes in billion cubic feet)

Year, Season, and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals <sup>a</sup>
<b>2016 Heating Season</b>								
November	4,376	3,927	8,303	500	14.6	201	214	12
December	4,372	3,667	8,038	525	16.7	138	403	264
January	4,369	2,938	7,307	531	22.1	66	795	729
February	4,369	2,534	6,904	869	52.2	111	515	403
March	4,360	2,486	6,847	1,015	69.0	215	264	49
<b>Total</b>	--	--	--	--	--	<b>732</b>	<b>2,189</b>	<b>1,457</b>
<b>2016 Refill Season</b>								
April	4,364	2,646	7,009	852	47.5	294	130	-164
May	4,366	2,966	7,332	679	29.7	402	74	-329
June	4,369	3,186	7,555	539	20.4	316	94	-222
July	4,369	3,318	7,687	394	13.5	283	150	-133
August	4,369	3,441	7,811	200	6.2	285	162	-124
September	4,369	3,705	8,074	91	2.5	351	88	-262
October	4,371	4,013	8,384	70	1.8	387	78	-308
<b>Total</b>	--	--	--	--	--	<b>2,319</b>	<b>776</b>	<b>-1,543</b>
<b>2017 Heating Season</b>								
November	4,372	3,977	8,349	50	1.3	178	213	35
December	4,380	3,297	7,677	-370	-10.1	87	762	676
January	4,379	2,623	7,002	-315	-10.7	101	776	675
February	4,378	2,338	6,716	-196	-7.7	131	416	285
March	4,379	2,063	6,442	-423	-17.0	167	443	275
<b>Total</b>	--	--	--	--	--	<b>664</b>	<b>2,610</b>	<b>1,946</b>
<b>2017 Refill Season</b>								
April	4,380	2,292	6,672	-353	-13.4	341	111	-230
May	4,386	2,627	7,013	-339	-11.4	423	82	-341
June	4,355	2,908	7,263	-278	-8.7	387	106	-281
July	4,357	3,055	7,412	-263	-7.9	310	160	-150
August	4,356	3,250	7,606	-191	-5.6	355	160	-196
September	4,356	3,568	7,924	-137	-3.7	423	107	-317
October	4,355	3,817	8,171	-196	-4.9	385	137	-248
<b>Total</b>	--	--	--	--	--	<b>2,625</b>	<b>864</b>	<b>-1,761</b>
<b>2018 Heating Season</b>								
November	4,354	3,732	8,086	-245	<sup>R</sup> -6.1	203	288	85
December	4,359	3,039	7,398	-258	-7.8	80	773	693

<sup>a</sup> Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

<sup>R</sup> Revised data.

– Not applicable.

**Notes:** Data for 2015 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Alaska added to U.S. totals as of January 2013.

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

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

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals <sup>a</sup>
<b>2012 Total<sup>b</sup></b>	--	--	--	--	--	<b>465</b>	<b>445</b>	<b>-20</b>
<b>2013 Total<sup>b</sup></b>	--	--	--	--	--	<b>492</b>	<b>521</b>	<b>29</b>
<b>2014 Total<sup>b</sup></b>	--	--	--	--	--	<b>634</b>	<b>552</b>	<b>-82</b>
<b>2015</b>								
January	187	252	439	110	76.8	24	105	81
February	187	127	314	32	33.6	15	140	125
March	187	138	325	70	102.8	58	46	-12
April	187	221	407	101	84.9	95	13	-82
May	188	283	471	104	58.2	81	17	-64
June	190	297	487	89	42.4	44	29	-15
July	190	297	487	71	31.4	37	37	*
August	190	301	491	72	31.4	36	32	-4
September	190	333	523	62	22.8	55	24	-31
October	190	376	566	45	13.6	67	24	-43
November	190	389	579	54	16.1	50	37	-13
December	190	387	577	46	13.6	44	46	2
<b>Total</b>	--	--	--	--	--	<b>606</b>	<b>550</b>	<b>-56</b>
<b>2016</b>								
January	189	312	501	60	23.7	29	105	76
February	190	295	485	168	132.8	42	58	16
March	190	322	513	184	133.0	67	39	-28
April	191	358	550	138	62.4	66	27	-38
May	192	368	560	84	29.8	46	35	-10
June	192	348	541	51	17.1	26	45	19
July	192	319	511	22	7.3	32	62	29
August	193	281	474	-20	-6.5	33	69	37
September	194	295	489	-38	-11.3	52	37	-14
October	194	383	577	7	1.9	115	26	-89
November	195	402	598	13	3.4	47	28	-20
December	195	349	544	-39	-10.0	38	92	53
<b>Total</b>	--	--	--	--	--	<b>593</b>	<b>624</b>	<b>32</b>
<b>2017</b>								
January	195	338	533	26	8.3	57	68	11
February	195	328	522	33	11.0	37	47	10
March	196	292	487	-31	-9.5	43	79	36
April	197	326	523	-32	-9.0	68	32	-36
May	197	343	539	-25	-6.8	58	42	-16
June	196	339	535	-9	-2.7	49	53	4
July	198	304	502	-15	-4.7	38	73	34
August	198	279	476	-2	-0.9	44	69	24
September	197	317	515	22	7.6	83	45	-38
October	197	350	548	-33	-8.6	91	58	-33
November	197	379	575	-24	-5.9	69	42	-28
December	197	296	493	-52	-15.0	33	116	83
<b>Total</b>	--	--	--	--	--	<b>672</b>	<b>723</b>	<b>51</b>

<sup>a</sup> Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

<sup>b</sup> Total as of December 31.

\* Volume is between -500 MMcf and 500 MMcf.

-- Not applicable.

**Notes:** Data for 2012 through 2015 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Alaska added to U.S. totals as of January 2013.

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

**Table 11. 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 <sup>a</sup>
<b>2012 Total<sup>b</sup></b>	--	--	--	--	--	<b>2,360</b>	<b>2,373</b>	<b>12</b>
<b>2013 Total<sup>b</sup></b>	--	--	--	--	--	<b>2,664</b>	<b>3,181</b>	<b>517</b>
<b>2014 Total<sup>b</sup></b>	--	--	--	--	--	<b>3,205</b>	<b>3,034</b>	<b>-171</b>
<b>2015</b>								
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
<b>Total</b>	--	--	--	--	--	<b>3,032</b>	<b>2,549</b>	<b>-482</b>
<b>2016</b>								
January	4,180	2,626	6,806	471	21.9	37	689	652
February	4,180	2,239	6,419	700	45.5	69	456	387
March	4,170	2,164	6,334	831	62.3	149	225	77
April	4,172	2,287	6,460	715	45.5	229	103	-126
May	4,174	2,599	6,773	595	29.7	357	39	-318
June	4,176	2,838	7,014	489	20.8	291	49	-241
July	4,176	2,999	7,176	372	14.2	251	88	-163
August	4,177	3,160	7,337	219	7.5	253	92	-160
September	4,175	3,410	7,585	129	3.9	299	51	-248
October	4,177	3,630	7,807	63	1.8	271	52	-220
November	4,177	3,574	7,751	37	1.0	131	185	55
December	4,185	2,948	7,133	-331	-10.1	48	670	622
<b>Total</b>	--	--	--	--	--	<b>2,384</b>	<b>2,700</b>	<b>316</b>
<b>2017</b>								
January	4,184	2,285	6,469	-341	-13.0	44	708	664
February	4,183	2,010	6,194	-229	-10.2	94	369	275
March	4,183	1,772	5,955	-392	-18.1	124	364	239
April	4,183	1,966	6,149	-321	-14.0	273	79	-194
May	4,189	2,285	6,474	-314	-12.1	365	40	-325
June	4,159	2,569	6,727	-269	-9.5	338	53	-284
July	4,159	2,751	6,910	-248	-8.3	272	88	-184
August	4,159	2,971	7,130	-189	-6.0	311	91	-220
September	4,159	3,250	7,409	-160	-4.7	340	62	-279
October	4,157	3,466	7,624	-163	-4.5	294	80	-215
November	4,157	3,353	7,511	-221	-6.2	133	246	113
December	4,162	2,742	6,905	-206	-7.0	47	657	610
<b>Total</b>	--	--	--	--	--	<b>2,636</b>	<b>2,836</b>	<b>200</b>

<sup>a</sup> Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

<sup>b</sup> Total as of December 31.

-- Not applicable.

**Notes:** Data for 2012 through 2015 are final. All other data are preliminary unless otherwise noted. See Appendix A, Explanatory Note 5, for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Alaska added to U.S. totals as of January 2013.

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

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

State	2017							
	Total	December	November	October	September	August	July	June
Alabama	3,570	2,448	-1,237	-3,630	-561	3,628	3,386	498
Alaska <sup>a</sup>	-3,585	1,309	1,622	-476	-1,624	-2,476	-2,424	-2,108
Arkansas	-629	1,220	397	-251	-582	-574	-647	-581
California	5,727	37,907	6,225	-4,453	-12,170	1,131	-6,825	-13,932
Colorado	-309	13,278	-4,315	-582	-6,013	-2,922	-5,245	-5,660
Illinois	8,410	57,696	-333	-40,165	-41,306	-34,888	-25,184	-32,389
Indiana	-85	4,825	-1,525	-2,472	-2,352	-2,191	-2,486	-2,796
Iowa	329	20,539	6,240	-20,082	-19,446	-11,805	-1,696	-1,917
Kansas	6,142	22,474	-872	-5,986	-5,422	656	-2,088	-4,611
Kentucky	14,237	14,767	3,170	-10,110	-8,402	-1,317	5,583	1,693
Louisiana	26,518	57,620	-10,612	-13,491	-23,167	3,696	1,007	-5,268
Maryland	-1,045	2,079	816	-533	-1,395	-2,626	-2,873	-2,241
Michigan	47,361	121,334	39,265	-34,646	-52,348	-54,494	-38,760	-57,334
Minnesota	248	298	-9	-232	-242	-244	-220	-190
Mississippi	21,748	29,161	-4,909	-11,495	-17,129	4,919	14,904	-476
Missouri	234	850	-210	-217	-432	*	0	*
Montana	2,360	7,373	3,931	-812	-4,091	-2,393	-3,558	-4,182
Nebraska	1,266	2,753	-232	-702	-1,206	-564	-935	182
New Mexico	11,024	3,988	1,939	235	241	2,883	1,623	68
New York	-3,120	15,467	5,738	-10,854	-13,746	-15,700	-8,367	-12,765
Ohio	9,594	33,605	16,388	-3,490	-22,590	-24,349	-26,059	-26,200
Oklahoma	22,662	27,611	2,563	-9,766	-4,340	1,626	1,039	-10,437
Oregon	-468	4,430	190	-705	-899	-702	-545	-1,472
Pennsylvania	9,738	61,182	20,680	-31,295	-33,239	-47,206	-37,135	-46,732
Tennessee	-45	68	5	-31	-42	11	8	-41
Texas	65,275	84,716	-11,751	-30,431	-16,898	19,068	18,244	-15,267
Utah	2,594	12,258	-177	-1,600	-4,342	-1,449	-3,718	-5,162
Virginia	912	1,051	-144	-40	-761	-317	349	45
Washington	1,133	4,053	-191	1,203	-3,610	-2,225	329	-2,739
West Virginia	-5,627	43,252	13,698	-11,598	-17,030	-24,959	-26,009	-26,523
Wyoming	5,222	3,028	-1,194	1,188	-1,390	172	-1,694	-2,290
<b>Regions</b>								
East Region	10,452	156,637	57,175	-57,810	-88,761	-115,156	-100,093	-114,416
South Central Region	145,286	225,249	-26,421	-75,050	-68,100	33,018	35,847	-36,143
Midwest Region	70,690	220,377	46,603	-107,955	-124,569	-104,928	-62,755	-92,974
Mountain Region	22,157	42,678	-48	-2,273	-16,801	-4,273	-13,527	-17,044
Pacific Region	6,391	46,390	6,224	-3,955	-16,679	-1,795	-7,040	-18,142
<b>Total Lower 48 States</b>	<b>254,976</b>	<b>691,331</b>	<b>83,533</b>	<b>-247,044</b>	<b>-314,911</b>	<b>-193,134</b>	<b>-147,568</b>	<b>-278,719</b>
<b>U.S. Total</b>	<b>251,391</b>	<b>692,639</b>	<b>85,155</b>	<b>-247,520</b>	<b>-316,535</b>	<b>-195,610</b>	<b>-149,992</b>	<b>-280,827</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2017					2016		
	May	April	March	February	January	Total	December	November
Alabama	169	-1,292	1,420	-1,005	-254	1,019	3,462	-2,161
Alaska <sup>a</sup>	-1,525	-1,076	1,572	1,409	2,213	-8,322	1,789	872
Arkansas	-595	-272	772	66	418	-1,666	739	-86
California	-23,443	-16,166	-17,257	4,304	50,405	39,603	43,736	1,937
Colorado	-4,519	-1,374	1,199	4,859	10,983	-4,606	11,693	-1,452
Illinois	-17,012	4,438	35,264	42,917	59,371	5,282	53,639	623
Indiana	-1,664	-501	2,040	3,067	5,972	3,478	4,712	-1,533
Iowa	-1,579	1,288	5,165	8,052	15,571	6,414	22,217	5,150
Kansas	-14,016	-10,252	5,246	2,192	18,823	8,377	21,467	876
Kentucky	-8,818	-12,511	5,772	7,787	16,622	9,205	16,756	51
Louisiana	-19,430	-21,998	23,900	11,892	22,369	39,572	42,587	-3,970
Maryland	-3,128	-280	3,170	2,048	3,915	2,916	2,604	893
Michigan	-55,198	-39,909	63,573	47,176	108,702	57,601	108,495	17,034
Minnesota	-63	36	342	450	321	38	44	14
Mississippi	-3,259	-8,395	6,585	1,802	10,041	26,635	24,501	1,560
Missouri	0	*	100	-20	163	-156	365	-210
Montana	-4,160	-2,002	1,137	4,042	7,075	-7,364	8,305	2,401
Nebraska	-1,017	-979	-287	1,408	2,844	785	2,171	721
New Mexico	-1,257	-1,704	-2,779	1,321	4,466	669	4,345	-1,195
New York	-7,272	-5,894	17,047	12,369	20,857	19,233	20,132	4,697
Ohio	-18,721	-5,818	27,859	22,619	36,350	17,390	41,276	14,460
Oklahoma	-13,581	-4,742	-5,893	3,193	35,389	11,957	30,817	-5,705
Oregon	-3,170	-336	-2,364	606	4,500	1,381	5,032	406
Pennsylvania	-51,111	-33,170	70,898	54,306	82,560	68,344	70,114	10,492
Tennessee	-32	-29	-5	14	31	-66	71	-14
Texas	-37,200	-30,805	1,147	6,329	78,122	38,656	65,863	-17,919
Utah	-7,294	-2,628	-518	5,334	11,889	-1,208	12,286	-466
Virginia	-513	-310	689	685	180	189	212	-211
Washington	-5,577	-2,596	1,556	4,022	6,908	-2,216	3,465	448
West Virginia	-33,844	-30,240	27,775	29,958	49,893	22,407	44,092	10,686
Wyoming	-1,936	-632	234	1,737	8,000	-7,349	8,555	-3,105
<b>Regions</b>								
East Region	-114,589	-75,713	147,438	121,986	193,754	130,479	178,429	41,017
South Central Region	-87,911	-77,757	33,177	24,469	164,908	124,549	189,436	-27,405
Midwest Region	-84,366	-47,188	112,250	109,443	206,754	81,797	206,299	21,114
Mountain Region	-20,183	-9,318	-1,014	18,701	45,258	-19,074	47,355	-3,096
Pacific Region	-32,191	-19,098	-18,066	8,931	61,813	38,769	52,233	2,790
<b>Total Lower 48 States</b>	<b>-339,239</b>	<b>-229,075</b>	<b>273,786</b>	<b>283,530</b>	<b>672,486</b>	<b>356,520</b>	<b>673,752</b>	<b>34,420</b>
<b>U.S. Total</b>	<b>-340,764</b>	<b>-230,151</b>	<b>275,358</b>	<b>284,938</b>	<b>674,699</b>	<b>348,198</b>	<b>675,541</b>	<b>35,292</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016							
	October	September	August	July	June	May	April	March
Alabama	-5,368	-597	2,250	3,115	1,486	-1,536	-3,383	-323
Alaska <sup>a</sup>	139	-1,321	-1,997	-1,976	-1,468	-1,957	-1,441	-451
Arkansas	-152	-318	-564	-517	-724	-801	-444	438
California	-8,590	-3,383	4,248	769	-7,766	-16,700	-17,261	-4,805
Colorado	-7,324	-5,111	-3,745	-4,892	-5,512	-5,498	1,334	3,688
Illinois	-37,807	-41,363	-33,535	-28,440	-32,072	-26,284	4,551	26,092
Indiana	-2,257	-2,199	-1,850	-1,850	-2,226	-2,905	527	1,694
Iowa	-18,715	-18,041	-14,078	-1,925	-2,856	-2,349	2,150	4,762
Kansas	-5,573	-8,157	-2,098	-7,378	-4,701	-13,272	-7,171	-4,070
Kentucky	-4,545	-4,548	-128	-2,707	-2,776	-8,262	-16,117	2,150
Louisiana	-51,370	-11,031	18,506	16,049	-2,585	-11,540	-20,296	-14,011
Maryland	133	-150	-1,397	-1,133	-3,022	-1,671	716	-342
Michigan	-27,683	-54,745	-36,754	-35,799	-52,688	-65,480	-13,874	30,025
Minnesota	-104	-197	-228	-205	-174	-76	7	515
Mississippi	-24,918	-3,355	2,651	7,130	1,758	-7,184	-6,394	-12,187
Missouri	-405	-290	*	0	0	0	0	119
Montana	-782	-2,191	-3,465	-3,260	-4,908	-5,202	-3,943	-770
Nebraska	-1,221	-1,132	-90	-151	-16	-1,099	-630	-103
New Mexico	-1,530	75	167	659	-391	-1,615	-1,170	-1,658
New York	-7,006	-12,209	-3,017	-3,467	-6,284	-11,257	-1,560	2,483
Ohio	-10,323	-22,602	-23,658	-25,774	-26,258	-21,537	-5,040	17,603
Oklahoma	-11,783	-2,082	1,055	-3,398	-3,069	-15,348	-9,402	-5,923
Oregon	-1,086	-266	-16	-887	-511	-2,228	-1,027	-362
Pennsylvania	-16,859	-43,300	-18,752	-21,094	-36,463	-32,012	-5,601	11,919
Tennessee	-34	2	2	3	-38	-27	-17	-32
Texas	-50,646	112	21,348	18,530	7,624	-29,546	-38,115	-19,445
Utah	-1,542	-3,455	-2,871	-2,671	-4,887	-7,374	-814	-1,928
Virginia	-163	-185	-504	73	-46	-242	-508	135
Washington	-109	-3,266	-2,091	-788	-1,834	-4,392	-2,918	1,935
West Virginia	-7,057	-15,425	-22,388	-29,308	-25,938	-27,301	-14,249	11,571
Wyoming	-3,717	-1,656	-769	-1,773	-3,980	-3,858	-2,386	-139
<b>Regions</b>								
East Region	-41,275	-93,871	-69,715	-80,704	-98,011	-94,019	-26,242	43,370
South Central Region	-149,809	-25,428	43,149	33,529	-212	-79,227	-85,205	-55,521
Midwest Region	-91,550	-121,381	-86,571	-70,923	-92,831	-105,382	-22,774	65,327
Mountain Region	-16,117	-13,469	-10,773	-12,088	-19,694	-24,646	-7,610	-910
Pacific Region	-9,785	-6,916	2,142	-906	-10,112	-23,319	-21,206	-3,232
<b>Total Lower 48 States</b>	<b>-308,536</b>	<b>-261,066</b>	<b>-121,769</b>	<b>-131,091</b>	<b>-220,859</b>	<b>-326,593</b>	<b>-163,038</b>	<b>49,034</b>
<b>U.S. Total</b>	<b>-308,397</b>	<b>-262,387</b>	<b>-123,765</b>	<b>-133,067</b>	<b>-222,328</b>	<b>-328,551</b>	<b>-164,479</b>	<b>48,583</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016			2015				
	February	January	Total	December	November	October	September	August
Alabama	-713	4,787	-3,817	-249	-1,217	-415	-2,416	1,057
Alaska <sup>a</sup>	-459	-50	782	140	197	-52	92	-108
Arkansas	328	434	-1,046	-127	-283	-212	-141	-403
California	7,203	40,217	-2,698	44,087	5,699	-18,709	-6,577	1,758
Colorado	2,412	9,800	-5,930	9,420	1,802	-4,141	-5,250	-5,181
Illinois	50,274	69,604	-10,603	45,715	-1,164	-36,756	-37,238	-34,172
Indiana	5,259	6,106	-4,411	1,569	-1,236	-2,047	-3,878	-3,494
Iowa	10,674	19,427	-4,955	16,556	4,637	-14,124	-16,136	-13,614
Kansas	11,913	26,541	-11,154	11,377	7,836	-5,912	-14,045	-9,249
Kentucky	9,656	19,675	-17,554	7,953	-1,730	-9,465	-7,783	-6,294
Louisiana	21,175	56,058	-88,237	8,860	-15,244	-40,257	-33,722	-20,717
Maryland	2,294	3,991	-1,304	517	490	-262	-372	-2,786
Michigan	80,654	108,415	-87,722	30,889	3,499	-60,050	-75,170	-81,284
Minnesota	127	315	-78	10	-149	-262	-219	-202
Mississippi	6,944	36,129	-28,109	-723	-4,892	-14,206	-16,234	-4,313
Missouri	-168	433	-586	28	-212	-268	-581	0
Montana	2,057	4,394	-3,197	3,620	2,456	-1,050	-2,101	-3,445
Nebraska	549	1,788	-786	979	212	-1,193	-1,296	-965
New Mexico	1,413	1,568	-19,897	-616	-2,132	-2,258	-1,275	-1,429
New York	14,571	22,150	-15,923	2,020	7	-6,129	-8,376	-8,289
Ohio	32,160	47,082	-33,025	19,441	7,717	-11,308	-22,886	-27,651
Oklahoma	10,070	26,725	-32,397	8,250	3,951	-13,483	-8,189	-6,183
Oregon	481	1,845	474	2,338	1,139	-1,330	-1,482	-685
Pennsylvania	62,426	87,473	-41,111	11,466	-6,135	-31,589	-38,785	-35,179
Tennessee	-6	25	-453	-54	-102	-93	-64	-59
Texas	24,128	56,721	-91,530	6,424	-2,086	-41,913	-35,276	-6,397
Utah	3,685	8,830	-8,073	6,185	3,131	-1,402	-4,323	-3,183
Virginia	17	1,612	-468	48	-270	-545	-623	-508
Washington	5,854	1,480	4,545	2,710	3,788	-792	-2,976	-4,747
West Virginia	35,666	62,059	-28,151	23,857	2,855	-9,191	-22,829	-30,326
Wyoming	2,448	3,031	-1,237	1,646	-255	-1,419	-1,866	-1,115
<b>Regions</b>								
East Region	147,134	224,367	-119,981	57,349	4,664	-59,024	-93,873	-104,740
South Central Region	73,846	207,396	-256,290	33,813	-11,936	-116,399	-110,024	-46,205
Midwest Region	156,470	224,000	-126,362	102,665	3,543	-123,064	-141,069	-139,118
Mountain Region	12,562	29,411	-39,121	21,235	5,213	-11,462	-16,112	-15,317
Pacific Region	13,538	43,542	2,322	49,135	10,625	-20,831	-11,035	-3,674
<b>Total Lower 48 States</b>	<b>403,550</b>	<b>728,716</b>	<b>-539,433</b>	<b>264,197</b>	<b>12,109</b>	<b>-330,780</b>	<b>-372,112</b>	<b>-309,054</b>
<b>U.S. Total</b>	<b>403,091</b>	<b>728,666</b>	<b>-538,651</b>	<b>264,337</b>	<b>12,306</b>	<b>-330,832</b>	<b>-372,021</b>	<b>-309,162</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2015						
	July	June	May	April	March	February	January
Alabama	-971	-734	-5,684	-6,159	-243	8,440	4,774
Alaska <sup>a</sup>	-171	-78	-71	219	235	185	194
Arkansas	-437	-357	-411	91	234	567	431
California	-8,522	-10,336	-25,451	-16,467	-4,345	-2,750	38,916
Colorado	-5,048	-6,817	-5,045	1,888	920	5,579	5,942
Illinois	-32,685	-29,520	-28,714	1,105	21,193	58,104	63,529
Indiana	-2,687	-2,942	-2,903	-294	2,709	5,238	5,552
Iowa	-2,563	-6,962	-5,355	541	6,384	11,129	14,550
Kansas	-16,737	-11,868	-13,935	-2,777	-721	26,416	18,461
Kentucky	-5,729	-5,537	-9,947	-14,941	2,284	20,181	13,454
Louisiana	-17,892	-16,431	-36,612	-45,037	-1,990	73,436	57,369
Maryland	-2,440	-2,577	-2,522	-254	970	4,876	3,057
Michigan	-74,938	-82,493	-82,150	-42,975	61,590	176,480	138,879
Minnesota	-176	-37	6	6	351	255	337
Mississippi	-2,736	-11,013	-20,437	-30,471	371	40,415	36,131
Missouri	0	*	0	0	-976	1,273	151
Montana	-3,385	-3,128	-2,545	-1,350	-172	3,314	4,588
Nebraska	-77	-1,343	-1,121	-417	669	1,778	1,989
New Mexico	-1,726	-1,306	-2,874	-2,771	-2,404	-1,237	131
New York	-9,553	-15,297	-12,852	-4,764	12,169	17,191	17,951
Ohio	-25,160	-26,651	-31,413	-14,797	19,170	37,546	42,969
Oklahoma	-8,740	-17,758	-30,908	-22,563	1,625	31,015	30,588
Oregon	2	-374	-2,416	116	-732	688	3,212
Pennsylvania	-24,593	-51,105	-62,659	-27,319	48,329	92,652	83,807
Tennessee	-60	-49	-53	-48	-10	96	42
Texas	-1,462	-23,854	-64,583	-68,034	4,146	75,241	66,265
Utah	-5,792	-5,110	-6,367	-512	-197	3,249	6,246
Virginia	-87	-509	-600	793	-1,256	1,821	1,268
Washington	278	122	-4,285	-1,199	2,520	4,712	4,416
West Virginia	-28,865	-25,786	-33,369	-23,204	19,424	41,243	58,043
Wyoming	-1,186	-1,715	-1,151	308	1,217	2,397	1,901
<b>Regions</b>							
East Region	-90,699	-121,926	-143,415	-69,546	98,805	195,328	207,094
South Central Region	-48,975	-82,015	-172,570	-174,950	3,421	255,529	214,020
Midwest Region	-118,838	-127,539	-129,116	-56,605	93,527	272,757	236,494
Mountain Region	-17,214	-19,419	-19,103	-2,853	34	15,081	20,797
Pacific Region	-8,243	-10,588	-32,152	-17,550	-2,557	2,649	46,544
<b>Total Lower 48 States</b>	<b>-283,969</b>	<b>-361,486</b>	<b>-496,356</b>	<b>-321,505</b>	<b>193,230</b>	<b>741,344</b>	<b>724,949</b>
<b>U.S. Total</b>	<b>-284,140</b>	<b>-361,564</b>	<b>-496,427</b>	<b>-321,286</b>	<b>193,465</b>	<b>741,529</b>	<b>725,144</b>

<sup>a</sup> Alaska data are not included in the regions' totals or the lower 48 states total.<sup>R</sup> Revised data.<sup>\*</sup> Volume is less than 500 Mcf.

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

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

Table 13. Activities of underground natural gas storage operators, by state, December 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	19,351	29,801	-3,566	-15.6	1,430	3,878
Alaska <sup>a</sup>	5	83,592	67,915	14,197	36,188	50,385	3,585	11.0	550	1,859
Arkansas	2	21,774	8,894	12,880	2,770	15,650	512	22.7	77	1,297
California	14	603,808	373,236	230,605	233,086	463,692	-5,798	-2.4	1,806	39,713
Colorado	11	139,627	68,174	63,135	41,522	104,657	-3,930	-8.6	1,355	14,633
Illinois	28	1,008,539	303,613	705,201	194,471	899,672	-8,655	-4.3	1,734	59,430
Indiana	21	115,325	34,066	80,423	22,967	103,390	-121	-0.5	20	4,845
Iowa	4	288,210	90,313	197,897	51,327	249,224	-329	-0.6	345	20,884
Kansas	16	282,986	122,982	163,928	80,986	244,914	-6,205	-7.1	2,518	24,991
Kentucky	23	221,798	107,647	112,926	73,813	186,739	-14,255	-16.2	705	15,472
Louisiana	19	747,923	456,952	281,983	310,333	592,316	-28,365	-8.4	17,197	74,817
Maryland	1	64,000	18,300	45,677	13,526	59,203	1,045	8.4	832	2,911
Michigan	44	1,071,608	685,709	386,921	482,439	869,360	-47,599	-9.0	5,557	126,891
Minnesota	1	7,000	2,000	4,848	1,839	6,687	-248	-11.9	0	298
Mississippi	12	334,792	204,713	124,851	111,658	236,509	-21,586	-16.2	11,681	40,842
Missouri	1	15,226	6,000	7,845	6,016	13,862	-415	-6.5	0	850
Montana	4	376,225	197,477	178,501	24,705	203,205	-2,549	-9.4	*	7,373
Nebraska	1	34,850	12,653	22,197	8,255	30,452	-1,308	-13.7	0	2,753
New Mexico	2	89,100	59,738	29,362	33,879	63,241	-11,024	-24.6	71	4,059
New York	26	245,779	127,487	114,176	91,636	205,812	3,089	3.5	1,344	16,811
Ohio	24	575,794	252,140	321,618	138,739	460,358	-9,426	-6.4	532	34,138
Oklahoma	13	376,528	198,675	177,696	132,606	310,302	-21,810	-14.1	2,080	29,692
Oregon	7	29,565	15,935	12,639	12,908	25,547	-347	-2.6	90	4,520
Pennsylvania	49	763,296	427,661	335,327	296,277	631,604	-9,820	-3.2	10,834	72,017
Tennessee	2	2,400	1,800	878	1,261	2,139	45	3.7	0	68
Texas	36	853,043	549,049	296,385	358,898	655,282	-64,288	-15.2	14,524	99,240
Utah	3	124,509	54,942	69,508	37,563	107,071	-2,686	-6.7	88	12,346
Virginia	2	9,500	5,400	4,100	3,877	7,977	-1,136	-22.7	996	2,047
Washington	1	46,900	24,600	22,300	18,224	40,524	-1,072	-5.6	1,080	5,132
West Virginia	31	530,837	268,869	262,630	166,019	428,648	5,472	3.4	2,104	45,356
Wyoming	9	155,995	73,705	67,664	31,734	99,398	-5,281	-14.3	358	3,386
<b>Regions</b>										
East Region	133	2,189,206	1,099,857	1,083,529	710,073	1,793,602	-10,776	-1.5	16,643	173,280
South Central Region	100	2,660,647	1,574,415	1,068,173	1,016,602	2,084,775	-145,308	-12.5	49,507	274,756
Midwest Region	124	2,730,105	1,231,148	1,496,938	834,134	2,331,072	-71,577	-7.9	8,362	228,739
Mountain Region	30	920,306	466,689	430,367	177,658	608,025	-26,778	-13.1	1,871	44,549
Pacific Region	22	680,273	413,771	265,544	264,219	529,763	-7,217	-2.7	2,976	49,366
<b>Total Lower 48 States</b>	<b>409</b>	<b>9,180,536</b>	<b>4,785,881</b>	<b>4,344,551</b>	<b>3,002,686</b>	<b>7,347,237</b>	<b>-261,656</b>	<b>-8.0</b>	<b>79,358</b>	<b>770,689</b>
<b>U.S. Total</b>	<b>414</b>	<b>9,264,128</b>	<b>4,853,796</b>	<b>4,358,748</b>	<b>3,038,873</b>	<b>7,397,622</b>	<b>-258,071</b>	<b>-7.8</b>	<b>79,908</b>	<b>772,547</b>

<sup>a</sup> Alaska data are not included in the regions' totals or the lower 48 states total.

\* Volume is less than 500 Mcf.

**Notes:** Existing fields include both active and inactive fields. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Total gas capacity may not equal the sum of base gas and working gas capacity, owing to changes in operational conditions. Totals may not equal sum of components because of independent rounding. EIA publishes weekly estimates of working gas in underground storage by geographical region; in November 2015, region breakouts were revised from three regions to five. See Explanatory Note 5 in Appendix A for a list of the new regions shown in this table and the states included in each. Beginning with January 2013 data, Form EIA-191A is no longer used as a source for capacity data. Capacity data are now collected from the Form EIA-191. Change in Working Gas from Same Period, Previous Year, includes data for Alaska which had no working gas recorded for periods prior to January 2013. As of January 2015, the Kimball and Columbus III reservoirs in Michigan are being reported under the Bluewater Gas Storage Field on a combined basis. In prior periods, they were reported separately.

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

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

State	2017							
	Total	December	November	October	September	August	July	June
Alabama	NA	6,335	2,703	1,217	753	669	692	NA
Alaska	20,256	2,526	2,614	1,579	893	601	552	656
Arizona	NA	4,277	2,132	1,504	1,147	1,012	1,102	1,326
Arkansas	24,159	5,376	2,375	876	552	521	537	584
California	NA	62,283	33,815	23,576	17,704	17,954	18,796	20,802
Colorado	120,866	21,461	12,751	8,858	3,626	2,896	2,708	3,012
Connecticut	49,275	8,433	4,873	1,455	1,110	1,043	1,094	1,404
Delaware	9,804	1,988	944	247	170	156	150	205
District of Columbia	NA	2,152	843	371	270	259	253	310
Florida	15,135	1,829	1,235	931	836	757	786	887
Georgia	111,126	22,292	12,081	6,716	4,101	4,044	3,937	4,104
Hawaii	572	50	47	43	44	42	43	49
Idaho	28,399	5,200	3,029	2,117	824	522	511	591
Illinois	NA	69,476	44,363	17,809	NA	8,083	8,664	9,173
Indiana	123,558	26,398	14,374	5,540	2,492	1,996	2,091	2,409
Iowa	61,252	11,451	6,752	2,993	1,144	1,121	1,043	1,295
Kansas	NA	11,310	NA	2,351	1,224	1,116	1,059	1,290
Kentucky	43,124	9,915	5,289	2,013	972	782	717	774
Louisiana	30,552	6,572	2,796	1,615	1,283	1,269	1,294	1,353
Maine	2,815	532	270	87	59	55	53	82
Maryland	75,098	14,984	8,628	2,398	1,715	1,303	1,634	1,772
Massachusetts	122,126	23,076	12,242	4,217	2,681	2,516	2,627	3,324
Michigan	305,672	59,357	37,891	14,539	7,237	5,484	5,216	6,194
Minnesota	124,815	22,224	15,143	6,574	2,575	2,529	2,293	3,019
Mississippi	18,972	4,260	2,044	913	640	568	527	541
Missouri	88,514	19,608	10,559	2,354	1,828	1,697	1,631	1,943
Montana	21,777	3,681	2,569	1,608	646	354	348	480
Nebraska	35,318	6,186	4,118	1,455	641	450	698	888
Nevada	40,334	6,227	2,931	2,007	1,455	1,137	1,292	1,578
New Hampshire	7,647	1,490	821	268	161	164	143	183
New Jersey	221,768	43,308	21,725	7,747	4,547	4,321	4,881	5,701
New Mexico	29,924	5,518	2,437	1,538	877	829	850	963
New York	435,793	76,388	43,034	15,069	11,049	10,307	10,844	13,979
North Carolina	59,375	14,339	7,972	2,093	1,087	985	1,125	1,038
North Dakota	11,055	1,945	1,393	671	236	178	156	191
Ohio	NA	52,291	NA	12,021	5,593	4,972	4,646	5,262
Oklahoma	49,435	11,620	4,750	1,464	1,220	1,257	1,135	1,260
Oregon	47,720	8,192	5,312	3,141	1,188	776	863	1,327
Pennsylvania	222,875	43,013	23,451	8,013	4,695	3,957	4,278	5,199
Rhode Island	18,999	3,594	2,115	648	398	420	427	476
South Carolina	25,554	6,097	3,098	869	563	502	582	548
South Dakota	11,938	2,140	1,261	673	240	210	192	260
Tennessee	58,364	14,553	6,951	1,880	1,295	1,015	1,044	1,207
Texas	NA	25,573	13,091	7,750	5,871	5,423	5,987	5,807
Utah	65,391	12,768	6,836	4,439	1,785	1,442	1,647	2,183
Vermont	3,585	600	307	113	89	80	84	134
Virginia	74,091	15,443	7,774	2,744	1,623	1,524	1,592	1,747
Washington	90,315	14,900	10,528	6,405	2,419	1,733	1,786	2,206
West Virginia	NA	4,438	2,590	1,006	481	301	NA	323
Wisconsin	130,332	25,078	15,254	6,246	2,725	2,490	2,293	2,780
Wyoming	12,954	1,862	1,325	983	275	209	217	383
<b>Total</b>	<b>4,421,999</b>	<b>824,610</b>	<b>466,811</b>	<b>203,746</b>	<b>115,095</b>	<b>104,031</b>	<b>107,473</b>	<b>123,933</b>

See footnotes at end of table.

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

State	2017					2016		
	May	April	March	February	January	Total	December	November
Alabama	NA	NA	3,251	3,303	4,957	28,407	4,880	1,790
Alaska	984	1,472	2,667	2,522	3,190	17,787	2,969	2,313
Arizona	1,783	2,361	3,706	NA	6,664	35,120	4,982	2,314
Arkansas	896	1,099	2,773	3,177	5,394	27,130	5,947	1,830
California	27,144	29,589	40,448	53,768	NA	411,828	66,472	37,487
Colorado	6,385	9,010	12,051	14,949	23,160	121,963	22,109	11,560
Connecticut	2,270	3,591	7,980	7,324	8,698	46,045	7,814	4,432
Delaware	347	606	1,674	1,384	1,933	9,660	1,711	794
District of Columbia	473	562	1,622	NA	2,120	11,379	2,132	941
Florida	1,075	1,409	1,651	1,776	1,962	15,352	1,587	1,083
Georgia	4,932	5,700	12,802	12,374	18,044	115,922	19,450	10,131
Hawaii	44	49	52	52	58	571	52	47
Idaho	1,099	1,988	2,632	3,775	6,112	24,889	5,896	2,661
Illinois	16,967	23,286	52,086	47,485	72,032	386,590	77,072	32,863
Indiana	5,321	7,058	17,117	15,311	23,450	125,038	26,002	11,340
Iowa	2,473	4,107	8,180	8,504	12,187	61,247	12,695	4,607
Kansas	1,865	3,216	6,256	7,040	11,886	54,060	12,007	4,755
Kentucky	1,184	2,026	5,631	5,580	8,240	45,502	9,305	3,864
Louisiana	1,503	1,793	2,837	3,055	5,181	31,393	4,826	1,988
Maine	139	240	436	405	457	2,566	449	229
Maryland	3,001	3,391	11,365	10,915	13,992	76,047	13,905	6,792
Massachusetts	5,995	8,761	20,373	16,654	19,661	112,082	19,200	10,623
Michigan	14,012	19,261	43,961	39,308	53,213	294,187	53,793	27,488
Minnesota	5,082	8,370	16,781	16,630	23,596	117,598	21,656	9,848
Mississippi	749	830	2,214	2,170	3,514	20,177	3,776	1,349
Missouri	3,385	4,518	10,495	11,195	19,299	87,265	19,404	6,724
Montana	914	1,629	2,262	3,019	4,268	19,100	3,972	2,116
Nebraska	1,568	2,313	4,308	4,853	7,840	33,050	6,924	2,373
Nevada	1,994	2,755	4,334	6,168	8,457	39,075	6,777	2,891
New Hampshire	352	498	1,235	1,042	1,288	6,861	1,249	701
New Jersey	9,519	15,232	34,249	30,578	39,961	215,510	36,467	18,709
New Mexico	1,428	2,113	3,013	4,252	6,105	32,577	5,893	3,068
New York	20,798	31,178	68,661	60,883	73,601	410,836	65,878	37,839
North Carolina	1,506	2,285	8,077	7,041	11,829	64,547	12,919	6,304
North Dakota	348	740	1,480	1,582	2,134	10,059	2,140	867
Ohio	9,851	13,796	36,914	32,763	46,269	255,826	45,997	23,457
Oklahoma	1,820	2,651	4,602	6,244	11,410	50,573	11,805	3,798
Oregon	2,142	3,757	5,123	6,390	9,510	39,391	8,788	3,994
Pennsylvania	9,670	14,079	34,348	31,516	40,656	215,512	38,712	20,030
Rhode Island	823	1,229	3,224	2,592	3,054	17,200	3,064	1,753
South Carolina	681	1,227	3,385	3,037	4,964	27,562	5,384	2,620
South Dakota	474	890	1,513	1,640	2,444	11,663	2,513	901
Tennessee	1,778	2,442	7,118	7,458	11,623	58,924	12,405	4,393
Texas	7,728	9,387	15,955	22,069	NA	175,332	29,067	9,113
Utah	2,834	4,879	5,592	7,281	13,706	63,929	13,140	6,363
Vermont	191	318	582	518	568	3,518	555	326
Virginia	2,381	3,649	10,958	9,992	14,663	77,170	13,305	6,527
Washington	4,009	6,969	10,331	12,339	16,690	76,321	16,027	7,845
West Virginia	754	1,361	3,461	3,093	4,049	23,210	4,083	2,265
Wisconsin	5,936	8,395	18,556	17,162	23,416	125,484	24,373	10,370
Wyoming	823	1,036	1,567	1,854	2,420	11,999	2,423	1,135
<b>Total</b>	<b>1,200,427</b>	<b>1,280,593</b>	<b>1,581,888</b>	<b>1,581,381</b>	<b>1,832,011</b>	<b>4,345,031</b>	<b>793,950</b>	<b>379,611</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016							
	October	September	August	July	June	May	April	March
Alabama	875	620	646	675	833	978	1,645	2,755
Alaska	1,713	831	534	479	534	864	1,242	1,885
Arizona	1,433	1,144	1,030	1,081	1,327	1,766	2,422	3,090
Arkansas	733	609	545	584	687	937	1,510	2,762
California	22,235	19,919	18,615	19,535	21,253	24,772	28,203	39,795
Colorado	6,061	3,216	2,736	2,559	2,931	6,530	10,422	14,376
Connecticut	1,971	962	897	1,034	1,312	2,294	4,070	5,351
Delaware	281	165	155	164	224	458	794	1,094
District of Columbia	337	202	211	240	280	489	772	1,080
Florida	820	727	683	700	798	969	1,222	1,694
Georgia	4,799	3,782	3,816	3,629	3,761	4,631	6,473	9,578
Hawaii	45	49	45	45	45	44	51	49
Idaho	1,457	690	498	524	587	893	1,308	2,566
Illinois	14,682	7,804	7,463	7,828	9,530	15,847	30,371	41,363
Indiana	4,294	2,346	2,216	2,033	2,231	4,740	9,341	11,656
Iowa	2,016	1,330	1,052	1,178	1,181	2,249	4,664	6,787
Kansas	1,542	1,138	990	1,079	1,376	2,084	2,598	5,100
Kentucky	1,288	772	774	723	812	1,491	2,634	4,655
Louisiana	1,388	1,222	1,248	1,182	1,240	1,482	1,903	2,611
Maine	133	56	44	50	60	136	255	330
Maryland	2,645	1,425	1,345	1,484	1,784	3,341	5,421	7,549
Massachusetts	5,427	2,440	2,282	2,440	2,802	5,617	10,051	13,735
Michigan	14,924	6,654	4,899	5,406	5,587	12,193	27,261	33,138
Minnesota	5,555	2,599	2,497	2,306	2,944	4,253	9,873	12,540
Mississippi	625	572	553	594	740	816	943	1,732
Missouri	2,508	1,526	1,611	1,637	1,919	2,869	4,944	8,665
Montana	1,383	631	405	400	515	934	1,288	2,008
Nebraska	1,031	706	665	713	905	1,371	2,324	3,500
Nevada	1,810	1,387	1,208	1,269	1,518	1,993	2,500	3,524
New Hampshire	231	153	129	130	168	294	606	806
New Jersey	8,782	4,706	4,313	5,739	6,416	10,809	17,908	23,954
New Mexico	1,214	933	775	839	1,085	1,546	2,179	3,342
New York	18,228	9,343	9,231	10,735	12,749	22,011	36,765	47,350
North Carolina	1,719	1,088	1,046	1,047	1,222	1,657	3,302	5,133
North Dakota	629	218	175	162	181	375	770	1,076
Ohio	10,396	4,721	4,818	4,237	4,868	10,509	21,446	26,913
Oklahoma	1,659	1,305	1,175	1,114	1,369	1,759	2,369	4,616
Oregon	2,776	1,114	622	920	1,127	1,550	2,244	4,524
Pennsylvania	8,820	4,167	3,943	4,156	5,190	9,401	16,928	22,481
Rhode Island	906	360	236	268	325	746	1,498	1,935
South Carolina	730	502	484	447	499	719	1,342	2,282
South Dakota	520	239	209	196	230	523	973	1,303
Tennessee	1,410	1,021	910	1,004	1,158	1,627	3,108	5,468
Texas	6,508	5,353	5,380	5,756	7,078	7,373	11,583	16,632
Utah	2,979	1,781	1,366	1,714	1,463	2,994	4,451	6,228
Vermont	149	87	77	93	113	204	362	395
Virginia	2,884	1,450	1,376	1,429	2,052	2,969	5,421	8,173
Washington	5,551	2,551	1,776	1,855	2,300	3,170	4,151	8,903
West Virginia	884	360	323	363	371	726	1,783	2,617
Wisconsin	5,591	2,404	2,125	2,362	2,605	5,058	11,245	14,397
Wyoming	727	353	259	231	294	772	979	1,333
<b>Total</b>	<b>187,305</b>	<b>109,734</b>	<b>100,409</b>	<b>106,369</b>	<b>122,582</b>	<b>193,829</b>	<b>327,916</b>	<b>454,829</b>

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				
	February	January	Total	December	November	October	September	August
Alabama	5,516	7,195	32,750	3,496	2,082	957	711	706
Alaska	2,067	2,358	18,574	2,683	2,317	1,429	1,040	531
Arizona	5,815	8,716	34,516	6,667	3,134	1,345	1,080	978
Arkansas	4,944	6,040	33,049	4,266	2,361	795	586	557
California	43,744	69,797	401,172	73,056	44,392	19,235	17,032	17,399
Colorado	17,245	22,217	122,364	22,545	16,187	5,800	2,924	2,403
Connecticut	7,649	8,259	50,975	4,749	3,846	2,101	948	970
Delaware	1,812	2,009	11,260	1,049	772	406	168	178
District of Columbia	2,230	2,464	13,494	1,456	994	567	276	262
Florida	2,333	2,736	15,407	1,459	1,233	1,096	641	643
Georgia	19,793	26,077	118,028	11,963	10,265	5,883	3,800	3,751
Hawaii	47	52	572	47	44	44	41	43
Idaho	3,284	4,525	23,482	4,842	3,704	1,017	652	367
Illinois	62,741	79,025	400,876	50,976	36,127	18,138	8,118	7,790
Indiana	21,371	27,469	133,045	16,792	11,707	5,768	2,419	2,008
Iowa	10,221	13,266	62,735	9,057	5,498	2,408	1,279	1,052
Kansas	8,618	12,771	58,384	8,933	5,587	2,180	1,596	1,442
Kentucky	8,533	10,651	49,426	5,853	4,167	1,640	885	889
Louisiana	4,882	7,422	36,858	3,762	2,384	1,537	1,356	1,205
Maine	388	436	2,700	315	246	145	48	48
Maryland	13,589	16,769	82,858	8,376	6,235	3,881	1,542	1,580
Massachusetts	18,067	19,399	126,662	12,658	9,466	5,833	2,486	2,463
Michigan	47,643	55,201	312,098	35,475	28,390	16,422	6,006	5,872
Minnesota	19,714	23,813	117,588	17,835	10,603	5,140	2,331	2,553
Mississippi	3,311	5,165	23,248	2,448	1,833	833	728	589
Missouri	14,460	20,999	95,503	12,940	7,731	3,096	1,646	1,729
Montana	2,291	3,158	18,912	3,283	2,652	1,049	497	381
Nebraska	5,465	7,072	34,663	5,620	2,921	1,081	683	695
Nevada	5,658	8,540	37,029	7,344	4,218	1,449	1,228	1,189
New Hampshire	1,101	1,293	7,842	884	680	251	153	146
New Jersey	34,983	42,724	237,104	22,176	16,145	8,928	4,507	4,589
New Mexico	4,965	6,739	33,130	6,207	3,759	1,247	829	840
New York	66,423	74,285	452,166	44,302	33,880	20,674	10,202	10,144
North Carolina	12,917	16,193	64,523	6,836	6,169	2,737	1,092	1,214
North Dakota	1,509	1,957	10,552	1,698	1,060	509	199	209
Ohio	44,163	54,300	285,306	30,726	22,078	12,188	4,677	4,717
Oklahoma	7,604	11,999	59,399	9,337	5,701	1,814	1,240	1,227
Oregon	4,904	6,827	37,070	6,927	5,719	1,763	1,189	821
Pennsylvania	37,255	44,428	235,669	24,492	18,222	11,557	4,797	4,063
Rhode Island	2,791	3,320	20,042	1,952	1,632	1,063	391	404
South Carolina	5,686	6,866	28,414	3,129	2,461	1,070	569	531
South Dakota	1,766	2,289	11,751	2,016	1,174	478	228	219
Tennessee	11,344	15,077	67,312	7,708	4,811	1,967	1,155	995
Texas	30,066	41,424	211,379	28,033	11,027	6,334	5,401	4,875
Utah	9,030	12,419	58,562	12,346	8,345	2,015	1,329	1,555
Vermont	562	598	3,833	402	294	168	81	74
Virginia	14,427	17,158	85,464	8,151	6,455	3,540	1,903	1,475
Washington	9,271	12,921	71,907	12,469	11,216	4,199	2,613	1,637
West Virginia	4,160	5,275	24,807	2,449	2,120	1,235	385	337
Wisconsin	19,947	25,007	126,854	16,449	11,077	6,091	2,502	2,310
Wyoming	1,530	1,963	11,576	2,277	1,489	437	300	199
<b>Total</b>	<b>689,836</b>	<b>878,664</b>	<b>4,612,888</b>	<b>590,911</b>	<b>406,610</b>	<b>201,540</b>	<b>108,491</b>	<b>102,855</b>

See footnotes at end of table.

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

State	2015						
	July	June	May	April	March	February	January
Alabama	721	765	1,113	1,697	3,863	8,552	8,087
Alaska	499	589	883	1,473	2,174	2,212	2,743
Arizona	1,066	1,320	1,821	2,191	3,201	4,276	7,436
Arkansas	598	667	942	1,634	4,846	7,718	8,080
California	18,932	20,889	27,358	29,622	32,140	40,902	60,216
Colorado	2,633	3,115	7,343	8,503	12,871	16,449	21,591
Connecticut	1,089	1,330	2,112	4,766	8,749	10,279	10,035
Delaware	175	194	289	754	2,076	2,533	2,665
District of Columbia	264	256	456	866	2,046	2,886	3,166
Florida	844	880	946	1,246	1,397	2,502	2,518
Georgia	3,663	3,679	4,354	5,538	12,196	26,723	26,214
Hawaii	45	46	46	54	51	52	60
Idaho	494	521	900	1,736	2,203	2,701	4,346
Illinois	7,959	9,419	13,194	26,783	54,278	85,540	82,554
Indiana	2,172	2,309	3,713	8,643	18,560	29,649	29,303
Iowa	1,189	1,394	2,157	4,112	7,952	13,542	13,093
Kansas	1,151	1,380	1,854	2,529	7,324	11,566	12,843
Kentucky	899	900	1,217	2,309	7,078	12,025	11,564
Louisiana	1,295	1,288	1,679	1,884	4,337	7,572	8,561
Maine	49	71	95	224	404	529	526
Maryland	1,657	1,783	2,200	4,975	12,967	19,141	18,521
Massachusetts	2,641	3,330	4,364	10,124	20,986	26,240	26,072
Michigan	5,572	6,616	10,476	22,109	42,465	68,402	64,293
Minnesota	2,292	2,435	3,958	8,178	15,011	23,784	23,468
Mississippi	620	652	718	1,060	3,058	4,909	5,799
Missouri	1,595	1,807	2,514	6,206	15,779	20,729	19,731
Montana	385	404	909	1,457	1,959	2,620	3,317
Nebraska	809	971	1,343	2,137	4,219	6,971	7,214
Nevada	1,120	1,497	1,901	2,366	3,384	4,287	7,046
New Hampshire	151	186	244	596	1,197	1,665	1,691
New Jersey	5,481	6,160	8,995	21,273	41,241	50,550	47,059
New Mexico	808	1,262	1,572	1,919	3,422	5,014	6,249
New York	10,330	13,069	18,251	36,470	74,731	91,107	89,006
North Carolina	1,016	1,123	1,308	2,814	7,387	17,363	15,464
North Dakota	168	205	447	720	1,277	2,055	2,006
Ohio	5,012	6,095	9,819	22,267	47,720	61,207	58,799
Oklahoma	1,204	1,328	1,937	2,647	6,955	12,794	13,215
Oregon	840	963	1,694	3,242	3,525	4,166	6,219
Pennsylvania	4,148	5,380	7,626	17,159	37,965	51,857	48,403
Rhode Island	437	498	577	1,426	3,296	4,154	4,211
South Carolina	520	514	712	1,104	3,299	7,323	7,182
South Dakota	190	278	508	783	1,358	2,162	2,357
Tennessee	1,033	1,202	1,606	3,088	9,122	18,022	16,604
Texas	6,479	6,360	6,857	10,986	34,514	36,891	53,622
Utah	1,634	1,958	3,129	4,515	5,112	6,449	10,176
Vermont	89	107	156	367	610	760	725
Virginia	1,526	1,649	2,226	4,750	13,596	20,861	19,331
Washington	1,700	1,914	3,103	5,971	7,225	8,079	11,781
West Virginia	243	416	668	1,631	4,563	5,640	5,121
Wisconsin	2,478	2,481	4,550	9,496	16,213	27,502	25,705
Wyoming	244	410	731	888	1,177	1,457	1,966
<b>Total</b>	<b>108,160</b>	<b>124,066</b>	<b>177,570</b>	<b>319,285</b>	<b>633,081</b>	<b>902,364</b>	<b>937,954</b>

<sup>R</sup> Revised data.

<sup>NA</sup> 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							
	Total	December	November	October	September	August	July	June
Alabama	NA	3,994	2,647	2,029	1,252	1,132	1,070	NA
Alaska	15,488	1,970	1,824	1,184	707	548	498	528
Arizona	NA	3,688	2,555	2,169	1,918	NA	1,866	1,970
Arkansas	NA	6,237	4,240	3,589	2,842	2,822	2,634	2,677
California	235,086	27,943	21,552	19,225	15,926	16,058	14,802	14,653
Colorado	53,304	8,718	5,443	3,820	1,901	1,733	1,657	1,760
Connecticut	53,426	7,541	5,327	2,844	2,532	2,461	2,479	2,354
Delaware	NA	NA	1,457	832	649	571	498	559
District of Columbia	NA	2,482	NA	930	757	766	788	784
Florida	62,310	6,027	5,264	4,853	4,558	4,558	4,500	4,662
Georgia	49,375	8,569	5,243	3,346	2,237	2,219	2,172	2,223
Hawaii	NA	166	167	164	162	166	159	NA
Idaho	19,488	2,882	1,894	1,473	930	722	694	709
Illinois	216,065	35,953	22,270	13,703	8,823	8,059	7,696	7,567
Indiana	75,368	13,733	8,404	5,004	2,769	2,394	2,234	2,441
Iowa	50,493	7,994	5,911	3,653	1,831	1,604	1,623	1,781
Kansas	36,293	5,599	3,503	2,450	1,782	1,846	1,671	1,658
Kentucky	32,850	6,269	3,767	2,048	1,380	1,138	1,043	1,101
Louisiana	NA	4,101	2,763	2,296	1,874	1,990	1,868	NA
Maine	9,147	1,554	962	391	306	297	296	325
Maryland	NA	NA	7,173	3,774	3,182	3,222	NA	2,967
Massachusetts	113,757	18,628	12,141	5,866	4,301	4,232	3,979	4,120
Michigan	165,739	26,969	17,234	8,349	6,070	5,516	5,112	6,084
Minnesota	100,381	16,864	11,208	5,525	3,085	2,885	2,878	3,137
Mississippi	17,668	2,703	1,761	1,456	1,013	981	890	905
Missouri	NA	10,053	5,737	2,751	2,310	2,240	2,041	2,196
Montana	23,530	3,550	2,660	1,694	1,016	690	675	758
Nebraska	30,083	4,545	3,144	1,751	1,043	837	1,075	1,236
Nevada	31,912	4,007	2,634	2,280	1,885	1,689	1,743	1,891
New Hampshire	9,522	1,767	1,084	407	256	269	201	251
New Jersey	NA	24,158	13,303	7,693	7,044	6,049	5,590	6,216
New Mexico	24,406	4,018	2,802	1,869	1,145	1,134	1,061	1,010
New York	315,768	46,690	31,863	17,487	14,931	15,092	14,359	14,733
North Carolina	52,761	8,343	5,709	3,831	2,710	2,657	2,578	2,341
North Dakota	13,104	2,036	1,612	885	466	356	310	324
Ohio	154,289	28,392	17,276	8,997	5,412	5,026	4,606	4,955
Oklahoma	38,675	6,867	3,614	2,198	1,676	1,667	1,542	1,640
Oregon	31,583	4,890	3,154	2,146	1,140	846	885	1,188
Pennsylvania	NA	NA	NA	7,957	5,088	4,814	4,907	5,168
Rhode Island	11,631	2,217	1,184	459	258	263	268	305
South Carolina	23,170	3,132	2,388	1,802	1,329	1,316	1,407	1,287
South Dakota	10,694	1,737	1,167	697	364	300	299	337
Tennessee	50,172	9,101	5,682	3,303	2,451	2,177	2,110	2,179
Texas	NA	19,416	13,992	12,199	10,331	10,451	10,488	10,237
Utah	40,200	7,296	4,292	2,720	1,398	1,166	1,248	1,682
Vermont	NA	942	759	405	346	320	295	NA
Virginia	NA	10,091	6,662	4,116	3,323	3,160	NA	2,858
Washington	59,206	8,272	6,069	4,242	2,482	2,144	2,194	2,433
West Virginia	22,068	3,473	2,247	1,365	1,063	1,005	952	1,002
Wisconsin	90,033	14,745	9,969	5,154	3,011	3,133	2,869	3,054
Wyoming	14,174	1,844	1,339	1,035	449	407	414	527
<b>Total</b>	<b>3,176,495</b>	<b>488,326</b>	<b>323,729</b>	<b>200,418</b>	<b>145,714</b>	<b>139,002</b>	<b>133,901</b>	<b>138,298</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2017					Total	2016	
	May	April	March	February	January		December	November
Alabama	NA	NA	2,339	2,121	3,075	23,552	3,314	2,275
Alaska	852	1,149	2,045	1,850	2,333	15,953	2,277	1,986
Arizona	2,289	2,541	2,949	3,412	4,012	30,938	3,655	2,662
Arkansas	NA	3,026	4,379	4,508	6,283	45,810	6,232	4,036
California	16,097	17,114	19,797	22,215	29,705	236,967	28,870	22,310
Colorado	3,101	4,084	5,265	6,275	9,547	54,265	9,066	5,115
Connecticut	2,779	3,884	7,148	6,442	7,635	50,258	7,106	4,847
Delaware	717	747	1,685	1,497	1,877	12,340	1,865	1,259
District of Columbia	933	1,005	1,697	1,499	1,976	15,648	2,011	1,577
Florida	4,926	5,317	5,892	5,491	6,261	62,526	5,911	5,251
Georgia	2,601	2,827	5,440	5,210	7,289	51,325	7,639	4,603
Hawaii	157	164	173	164	185	1,926	170	165
Idaho	945	1,330	1,740	2,456	3,714	17,598	3,274	1,658
Illinois	R12,640	13,530	25,935	24,500	35,389	212,482	34,996	17,390
Indiana	3,578	4,425	9,282	8,366	12,736	74,131	13,291	6,367
Iowa	2,319	3,328	5,890	6,097	8,460	49,414	8,370	4,182
Kansas	1,874	2,630	3,579	3,652	6,048	34,762	5,921	2,682
Kentucky	1,339	1,662	3,889	3,822	5,391	33,520	5,921	2,990
Louisiana	2,113	2,147	2,701	2,386	3,307	28,931	3,403	2,448
Maine	472	712	1,322	1,177	1,334	8,559	1,319	771
Maryland	4,094	4,183	9,413	7,893	10,188	70,500	9,758	6,917
Massachusetts	6,084	7,681	16,774	13,799	16,151	104,850	15,481	10,334
Michigan	8,967	11,420	22,292	21,160	26,565	158,630	24,656	13,188
Minnesota	4,883	7,512	12,382	12,973	17,049	92,529	14,773	8,027
Mississippi	1,103	990	1,780	1,708	2,379	18,126	2,368	1,610
Missouri	2,786	3,243	6,391	NA	10,361	56,967	10,062	5,473
Montana	1,102	1,722	2,492	3,048	4,123	21,314	3,947	2,238
Nebraska	R1,555	R2,143	R3,351	R3,823	R5,579	26,971	4,892	2,339
Nevada	2,169	2,573	3,061	3,493	4,488	31,125	4,003	2,639
New Hampshire	446	592	1,509	1,222	1,517	8,509	1,486	892
New Jersey	7,843	9,544	21,049	18,310	NA	153,096	23,599	11,716
New Mexico	1,275	1,718	1,957	2,477	3,938	24,954	3,981	3,335
New York	18,286	21,629	41,538	36,890	42,269	300,588	39,787	27,178
North Carolina	2,946	2,945	6,106	5,093	7,501	55,876	7,469	5,301
North Dakota	494	902	1,662	1,723	2,333	11,810	2,344	1,034
Ohio	7,067	8,316	20,541	18,469	25,232	152,478	24,165	14,606
Oklahoma	1,957	2,426	3,545	4,432	7,113	38,510	7,033	2,991
Oregon	1,664	2,452	3,299	4,087	5,831	26,667	5,055	2,520
Pennsylvania	7,497	9,282	20,924	19,194	23,371	142,724	23,326	13,681
Rhode Island	550	769	1,932	1,540	1,887	10,744	1,843	1,019
South Carolina	1,524	1,505	2,510	2,129	2,841	23,734	2,840	2,424
South Dakota	483	748	1,281	1,330	1,952	10,439	1,968	964
Tennessee	2,628	2,572	5,369	5,277	7,323	49,810	8,029	4,716
Texas	11,270	12,197	14,673	NA	NA	164,306	19,803	12,852
Utah	1,908	3,089	3,331	4,490	7,579	39,066	7,032	4,221
Vermont	336	379	782	685	822	6,251	845	575
Virginia	3,752	3,919	7,960	6,983	9,383	67,553	8,360	7,392
Washington	3,461	4,726	6,353	7,399	9,432	51,634	8,702	4,816
West Virginia	1,201	1,533	2,710	2,495	3,021	22,698	3,151	2,079
Wisconsin	4,477	6,288	11,194	10,826	15,314	88,701	14,628	7,423
Wyoming	R952	R1,114	R1,739	R1,912	R2,441	13,425	2,257	1,252
<b>Total</b>	<b>R178,893</b>	<b>R213,036</b>	<b>R373,046</b>	<b>R361,061</b>	<b>R481,070</b>	<b>3,105,487</b>	<b>462,253</b>	<b>280,328</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016							
	October	September	August	July	June	May	April	March
Alabama	1,505	1,029	1,046	1,008	1,172	1,236	1,487	1,813
Alaska	1,400	866	639	566	664	826	1,201	1,664
Arizona	1,998	1,804	1,771	1,783	1,923	2,180	2,477	2,789
Arkansas	3,025	2,733	2,603	2,469	2,562	2,880	3,144	4,237
California	17,301	16,692	17,658	15,665	16,004	16,480	17,220	20,551
Colorado	2,824	1,813	1,495	1,638	1,834	3,121	4,605	6,190
Connecticut	3,180	2,466	2,462	2,444	2,106	2,826	3,746	5,111
Delaware	862	596	566	519	516	668	898	1,071
District of Columbia	898	675	699	688	639	877	1,222	1,297
Florida	4,707	4,552	4,284	4,640	4,548	4,880	5,280	5,668
Georgia	2,574	2,086	2,066	2,006	2,051	2,437	3,220	4,391
Hawaii	162	171	163	155	154	151	162	157
Idaho	1,266	811	712	668	664	865	1,009	1,733
Illinois	12,701	8,285	8,004	7,989	7,350	10,639	16,018	21,673
Indiana	4,327	2,719	2,493	2,087	2,176	3,276	5,161	6,490
Iowa	2,970	2,052	1,826	1,758	1,604	2,134	3,532	4,934
Kansas	1,968	1,540	1,563	1,512	1,628	1,960	2,102	2,925
Kentucky	1,697	1,176	1,126	1,065	1,012	1,522	1,798	3,178
Louisiana	2,095	1,903	1,970	1,785	1,816	2,110	2,137	2,248
Maine	523	291	280	284	311	471	789	1,018
Maryland	4,184	3,228	2,978	2,882	3,249	4,159	5,515	6,514
Massachusetts	7,338	4,424	4,205	3,926	3,830	5,716	8,832	10,662
Michigan	8,231	5,366	5,189	5,033	5,240	8,587	14,404	18,469
Minnesota	5,388	2,946	2,838	2,672	3,073	4,571	7,286	10,258
Mississippi	1,096	988	972	948	1,158	1,191	1,018	1,434
Missouri	2,951	1,981	2,119	2,040	2,034	2,666	3,235	5,204
Montana	1,556	934	742	732	764	1,136	1,461	2,230
Nebraska	1,259	954	930	960	1,048	1,267	1,817	2,565
Nevada	2,154	1,836	1,723	1,771	1,783	2,183	2,421	2,801
New Hampshire	365	234	203	200	248	381	716	962
New Jersey	7,835	7,339	8,213	8,165	7,963	8,929	11,456	15,021
New Mexico	1,535	1,170	1,053	1,009	1,117	1,249	1,558	2,196
New York	20,612	14,883	16,258	14,940	14,800	16,724	23,130	28,014
North Carolina	3,359	2,791	2,790	2,584	2,582	2,878	3,743	4,280
North Dakota	795	356	300	303	296	422	1,026	1,189
Ohio	8,566	4,898	4,902	4,193	4,162	6,640	12,084	14,927
Oklahoma	1,952	1,683	1,638	1,480	1,558	2,083	2,206	3,428
Oregon	1,949	1,071	697	926	1,046	1,318	1,797	2,922
Pennsylvania	8,461	4,846	4,608	4,420	4,911	6,756	10,707	13,278
Rhode Island	572	233	167	174	234	549	977	1,247
South Carolina	1,588	1,284	1,300	1,135	1,255	1,395	1,849	1,845
South Dakota	590	349	298	299	302	482	820	1,053
Tennessee	2,548	2,049	1,956	1,947	1,945	2,522	2,854	4,181
Texas	10,574	9,927	9,923	9,968	11,212	10,433	12,963	14,493
Utah	1,971	1,358	1,036	1,245	1,083	2,026	2,794	4,002
Vermont	495	353	355	350	310	290	520	523
Virginia	4,448	2,939	2,755	2,736	3,135	3,411	5,150	6,295
Washington	3,829	2,517	2,191	2,289	2,466	2,854	3,114	5,553
West Virginia	1,356	1,007	1,016	1,075	998	1,226	1,656	2,326
Wisconsin	4,884	3,142	3,060	2,867	3,162	4,578	7,206	9,266
Wyoming	850	555	467	430	434	856	1,107	1,521
<b>Total</b>	<b>191,273</b>	<b>141,901</b>	<b>140,306</b>	<b>134,427</b>	<b>138,131</b>	<b>171,017</b>	<b>232,634</b>	<b>297,803</b>

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				
	February	January	Total	December	November	October	September	August
Alabama	3,085	4,582	25,162	2,421	2,372	1,549	1,201	1,147
Alaska	1,753	2,110	18,472	2,469	2,028	1,393	1,202	717
Arizona	3,422	4,474	30,536	4,131	3,015	1,918	1,709	1,651
Arkansas	5,574	6,314	47,651	4,918	4,033	3,163	2,654	2,517
California	21,465	26,750	235,791	29,484	26,091	16,134	15,078	16,351
Colorado	7,277	9,285	53,968	9,183	6,634	2,794	1,646	1,408
Connecticut	6,810	7,154	52,453	4,915	4,024	3,080	2,515	2,451
Delaware	1,595	1,926	11,731	1,234	1,117	852	453	429
District of Columbia	2,469	2,596	17,113	1,611	1,563	1,230	798	770
Florida	6,134	6,672	60,233	5,360	4,938	4,738	4,206	4,405
Georgia	7,910	10,340	53,745	5,195	4,704	3,165	2,421	2,277
Hawaii	155	159	1,908	167	148	152	153	156
Idaho	2,111	2,827	16,708	2,812	2,140	1,102	718	603
Illinois	31,000	36,435	215,218	24,423	18,019	12,469	7,827	7,840
Indiana	11,408	14,337	77,552	8,326	6,376	4,689	2,766	2,171
Iowa	7,130	8,921	49,165	6,364	4,259	3,103	1,748	1,495
Kansas	4,639	6,322	37,047	4,856	2,976	2,551	1,927	2,149
Kentucky	5,410	6,625	35,435	3,735	3,061	1,788	1,208	1,205
Louisiana	2,778	4,238	30,270	2,917	2,739	2,247	2,175	1,868
Maine	1,168	1,333	10,072	1,006	816	597	435	428
Maryland	9,691	11,425	70,199	6,638	5,903	4,720	2,962	2,986
Massachusetts	13,977	16,124	105,171	9,988	9,161	7,299	3,972	3,869
Michigan	24,381	25,883	168,360	17,807	13,062	9,169	5,182	5,372
Minnesota	14,105	16,593	93,005	12,435	8,304	5,158	2,760	2,884
Mississippi	2,207	3,137	19,727	1,803	1,744	1,304	1,169	1,046
Missouri	8,516	10,685	61,389	7,357	5,298	3,331	2,112	2,161
Montana	2,390	3,184	19,502	3,104	2,504	1,157	687	582
Nebraska	3,846	5,094	29,464	4,117	2,718	1,616	964	1,044
Nevada	3,408	4,404	29,873	4,045	3,114	1,977	1,674	1,722
New Hampshire	1,283	1,539	9,630	1,050	850	389	240	233
New Jersey	19,959	22,901	163,223	13,604	11,164	8,406	7,123	7,173
New Mexico	2,813	3,940	25,038	4,115	3,137	1,608	1,053	1,068
New York	39,025	45,237	311,207	28,987	24,517	19,000	14,008	14,826
North Carolina	7,912	10,185	55,114	4,403	5,334	4,116	2,889	2,452
North Dakota	1,629	2,115	12,317	1,799	1,208	664	320	310
Ohio	23,498	29,839	166,602	16,202	12,682	9,078	4,465	4,716
Oklahoma	5,052	7,407	41,982	5,631	3,758	2,030	1,599	1,566
Oregon	3,165	4,202	25,602	4,159	3,326	1,499	1,175	916
Pennsylvania	21,407	26,322	152,091	14,839	12,873	9,859	5,197	4,642
Rhode Island	1,747	1,983	12,016	1,132	1,030	638	247	253
South Carolina	2,982	3,836	23,752	1,894	2,122	1,815	1,371	1,380
South Dakota	1,395	1,918	10,434	1,546	1,114	565	312	310
Tennessee	7,280	9,785	53,049	5,192	4,635	3,033	2,225	2,057
Texas	18,720	23,439	175,883	18,914	13,714	10,532	9,633	9,420
Utah	5,361	6,937	35,772	6,958	4,785	1,491	1,003	1,170
Vermont	724	911	5,918	583	554	520	334	316
Virginia	9,336	11,595	69,107	6,201	6,155	4,889	3,592	2,646
Washington	5,868	7,436	49,939	7,681	6,040	3,218	2,520	1,994
West Virginia	3,060	3,747	23,026	2,053	1,965	1,580	1,131	869
Wisconsin	13,211	15,274	90,175	10,348	7,772	4,983	2,866	2,963
Wyoming	1,635	2,061	12,937	2,395	1,637	604	503	298
<b>Total</b>	<b>412,876</b>	<b>502,539</b>	<b>3,201,734</b>	<b>352,506</b>	<b>283,231</b>	<b>194,961</b>	<b>138,126</b>	<b>135,279</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2015						
	July	June	May	April	March	February	January
Alabama	1,117	1,114	1,418	1,446	2,148	4,712	4,516
Alaska	662	574	1,147	1,548	2,268	1,992	2,473
Arizona	1,758	1,878	2,204	2,422	2,786	3,083	3,981
Arkansas	2,388	2,405	2,654	3,183	5,328	7,068	7,338
California	15,782	16,147	19,132	18,080	18,893	19,598	25,021
Colorado	1,521	1,953	3,507	3,869	5,455	7,064	8,934
Connecticut	2,321	2,239	2,611	4,444	7,321	8,272	8,259
Delaware	393	429	422	770	1,504	2,097	2,031
District of Columbia	712	821	725	1,010	2,184	2,648	3,043
Florida	4,483	4,668	4,571	5,074	5,402	6,078	6,311
Georgia	2,162	2,094	2,626	3,298	5,480	10,135	10,187
Hawaii	159	154	151	168	165	157	179
Idaho	627	685	850	1,235	1,477	1,770	2,687
Illinois	7,358	7,293	9,179	15,102	27,346	39,507	38,856
Indiana	2,357	2,309	2,726	5,094	9,954	15,393	15,390
Iowa	1,597	1,804	2,108	3,158	5,800	9,104	8,625
Kansas	1,709	1,288	1,722	1,900	3,805	5,825	6,338
Kentucky	1,192	1,125	1,202	1,739	4,345	7,562	7,275
Louisiana	1,772	1,869	2,068	2,032	2,553	3,738	4,292
Maine	417	407	389	833	1,405	1,665	1,676
Maryland	2,943	2,840	2,956	4,954	9,783	11,814	11,699
Massachusetts	3,883	4,033	4,407	7,663	14,506	18,213	18,175
Michigan	5,034	5,423	7,299	13,744	23,965	31,717	30,587
Minnesota	2,516	2,609	3,970	6,600	11,399	17,900	16,471
Mississippi	961	1,015	1,068	1,130	2,148	3,007	3,332
Missouri	1,881	1,840	2,368	4,330	8,620	11,594	10,496
Montana	595	583	988	1,404	2,060	2,586	3,252
Nebraska	1,264	1,281	1,460	1,957	3,127	4,904	5,012
Nevada	1,610	1,839	2,119	2,411	2,642	2,902	3,817
New Hampshire	229	274	308	673	1,455	1,955	1,975
New Jersey	7,475	6,556	7,304	15,286	22,572	28,279	28,280
New Mexico	980	1,240	1,356	1,488	2,093	3,063	3,836
New York	14,458	13,026	15,674	22,349	41,824	50,726	51,813
North Carolina	2,487	2,867	2,488	3,421	5,408	10,110	9,139
North Dakota	307	313	580	833	1,491	2,229	2,264
Ohio	4,679	5,217	6,476	12,865	24,200	33,326	32,696
Oklahoma	1,530	1,541	1,941	2,349	4,768	7,445	7,824
Oregon	934	974	1,539	2,193	2,373	2,770	3,745
Pennsylvania	4,390	5,155	5,766	10,553	21,190	29,768	27,858
Rhode Island	262	309	385	872	1,949	2,477	2,463
South Carolina	1,316	1,299	1,516	1,585	2,153	3,690	3,611
South Dakota	305	323	498	672	1,103	1,771	1,916
Tennessee	2,040	2,141	2,453	2,928	5,638	10,806	9,901
Texas	10,649	10,620	10,214	12,629	20,419	21,751	27,388
Utah	1,181	1,387	2,168	3,027	3,004	3,979	5,620
Vermont	340	323	204	370	675	810	889
Virginia	2,716	2,644	2,813	4,015	8,607	12,727	12,102
Washington	2,067	2,406	2,940	4,169	4,776	5,302	6,825
West Virginia	1,003	813	1,128	1,740	3,181	3,870	3,693
Wisconsin	2,781	2,840	3,791	6,601	11,827	16,777	16,627
Wyoming	422	461	919	986	1,196	1,603	1,913
<b>Total</b>	<b>133,728</b>	<b>135,446</b>	<b>160,511</b>	<b>232,201</b>	<b>385,772</b>	<b>517,341</b>	<b>532,631</b>

<sup>R</sup> Revised data.<sup>NA</sup> 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							
	Total	December	November	October	September	August	July	June
Alabama	196,390	18,417	16,467	15,831	15,288	15,869	15,719	15,813
Alaska	4,118	391	303	237	213	238	198	338
Arizona	19,278	2,002	1,500	1,576	1,389	1,376	1,333	1,350
Arkansas	91,322	8,703	7,761	7,934	7,082	7,217	6,887	7,073
California	758,959	65,925	61,958	64,442	67,212	68,890	64,201	60,178
Colorado	81,984	8,917	7,560	6,699	4,905	5,228	5,091	5,196
Connecticut	24,546	2,603	2,348	1,663	1,664	1,736	1,749	1,690
Delaware	NA	2,512	2,534	2,647	NA	2,492	R2,272	2,424
District of Columbia	0	0	0	0	0	0	0	0
Florida	102,221	9,641	8,923	8,788	7,218	8,184	8,033	7,672
Georgia	152,153	13,961	13,361	12,266	10,523	12,720	12,355	12,729
Hawaii	NA	NA	43	40	48	48	45	45
Idaho <sup>a</sup>	35,889	3,496	3,329	3,251	2,703	2,262	2,472	2,455
Illinois	253,541	28,313	24,437	20,513	17,878	17,826	16,732	17,032
Indiana	368,772	38,219	32,016	28,552	28,487	28,005	27,598	26,309
Iowa	NA	21,386	19,859	NA	17,226	17,992	17,845	17,647
Kansas	127,707	12,258	11,272	9,341	10,251	11,045	11,725	10,162
Kentucky	113,883	11,415	10,120	9,157	8,208	8,405	8,020	8,492
Louisiana	1,094,370	99,846	95,417	93,437	89,505	93,101	90,495	88,526
Maine	17,201	1,875	1,718	1,349	1,281	1,221	1,240	1,133
Maryland	15,665	1,541	1,537	1,249	1,199	1,127	1,177	1,287
Massachusetts	NA	5,744	4,131	NA	2,745	2,517	2,489	2,707
Michigan	172,694	19,585	R15,601	R13,902	11,480	11,967	10,799	10,846
Minnesota	NA	NA	14,748	12,882	12,335	12,894	12,236	12,610
Mississippi	129,677	11,957	11,347	10,549	10,537	10,730	10,169	10,208
Missouri	63,669	6,896	5,663	5,146	4,346	4,594	4,402	4,362
Montana	NA	NA	NA	NA	1,963	1,815	1,709	1,382
Nebraska	NA	8,245	NA	7,800	6,666	7,147	7,586	6,217
Nevada	19,250	1,830	1,644	1,735	1,528	1,579	1,453	1,481
New Hampshire	8,559	849	737	653	611	594	611	609
New Jersey	NA	4,771	NA	NA	NA	NA	NA	NA
New Mexico	NA	1,525	NA	1,361	1,247	1,292	1,298	1,253
New York	83,337	9,186	8,445	6,658	5,750	5,799	5,636	5,482
North Carolina	107,388	10,727	10,198	9,445	8,158	8,421	7,806	8,109
North Dakota	33,051	3,337	2,677	2,735	1,849	2,563	2,578	2,828
Ohio	280,501	29,341	25,474	21,444	20,576	19,580	19,227	18,812
Oklahoma	200,960	17,765	16,352	17,110	16,445	16,196	15,656	16,021
Oregon	58,734	5,346	4,864	4,969	4,430	4,335	4,200	4,467
Pennsylvania	NA	NA	20,006	17,721	16,453	16,635	15,739	16,016
Rhode Island	NA	773	709	641	673	672	644	660
South Carolina	NA	NA	8,559	8,087	7,079	7,468	7,016	7,159
South Dakota	45,274	4,228	3,979	3,515	3,539	3,615	3,573	3,554
Tennessee	NA	NA	10,813	10,587	10,356	10,842	10,423	10,618
Texas	NA	155,254	145,693	NA	131,222	140,826	143,670	140,620
Utah	40,009	3,874	3,380	2,947	3,048	2,907	3,035	3,112
Vermont	2,191	226	204	166	158	164	158	158
Virginia	NA	8,029	8,089	7,390	7,361	7,250	NA	7,646
Washington	80,495	7,710	6,987	7,281	6,274	6,074	5,922	5,939
West Virginia	34,896	3,271	3,133	2,905	2,771	2,822	2,686	2,733
Wisconsin	153,225	17,271	14,813	12,037	10,346	10,834	10,166	9,878
Wyoming	52,091	5,249	4,437	4,201	4,013	3,954	3,795	3,838
<b>Total</b>	<b>7,901,570</b>	<b>759,417</b>	<b>R690,730</b>	<b>R652,255</b>	<b>613,266</b>	<b>634,844</b>	<b>R622,986</b>	<b>611,185</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2017					2016		
	May	April	March	February	January	Total	December	November
Alabama	16,313	15,892	17,421	15,519	17,843	192,424	16,998	15,514
Alaska	370	399	469	464	497	4,268	466	493
Arizona	1,562	1,585	1,756	1,782	2,067	19,765	1,914	1,646
Arkansas	7,490	7,215	7,685	7,626	8,647	87,876	8,515	7,582
California	62,230	60,226	62,828	56,739	64,131	774,504	66,492	62,918
Colorado	6,455	6,862	7,536	7,618	9,916	80,432	9,450	7,220
Connecticut	1,755	1,847	2,632	2,216	2,643	24,271	2,672	2,213
Delaware	2,316	NA	2,353	2,657	2,888	31,457	2,776	2,573
District of Columbia	0	0	0	0	0	0	0	0
Florida	8,370	8,295	9,171	8,170	9,755	103,658	9,226	8,626
Georgia	12,484	11,912	13,925	12,308	13,608	152,312	13,487	12,619
Hawaii	46	42	47	42	48	542	42	41
Idaho <sup>a</sup>	2,741	2,819	3,183	3,276	3,901	34,761	3,788	3,171
Illinois	18,843	19,630	23,228	22,437	26,671	254,682	27,055	22,153
Indiana	27,923	29,677	33,846	31,613	36,527	370,944	37,406	28,292
Iowa	18,182	17,984	20,009	18,149	20,042	189,618	20,149	18,448
Kansas	9,180	9,756	10,585	9,833	12,297	123,915	12,699	9,872
Kentucky	9,215	9,052	10,458	9,881	11,459	115,201	11,095	10,031
Louisiana	89,125	87,863	90,263	82,437	94,354	1,048,751	93,853	88,012
Maine	1,171	1,375	1,595	1,534	1,709	18,983	1,524	1,403
Maryland	1,228	1,035	1,528	1,275	1,482	15,400	1,666	1,146
Massachusetts	3,200	4,311	5,605	5,135	5,707	45,721	5,209	4,214
Michigan	12,433	13,052	17,541	16,396	19,092	172,010	18,447	14,564
Minnesota	12,849	13,729	14,907	14,732	16,471	162,818	15,993	13,769
Mississippi	10,849	10,556	11,143	10,406	11,226	116,117	10,739	9,932
Missouri	4,717	4,873	5,916	5,683	7,070	63,630	6,733	5,257
Montana	1,089	1,261	1,628	1,621	1,920	21,208	1,854	2,126
Nebraska	6,868	7,014	7,349	7,603	8,446	91,021	8,390	8,307
Nevada	1,469	1,524	1,671	1,516	1,819	18,327	1,824	1,517
New Hampshire	682	768	821	821	804	8,454	770	724
New Jersey	4,343	NA	NA	4,957	5,391	60,910	5,379	4,500
New Mexico	1,310	NA	NA	1,244	1,548	16,109	1,523	1,393
New York	5,553	6,428	8,291	7,587	8,522	77,153	8,323	6,779
North Carolina	8,312	8,284	9,631	8,662	9,633	105,504	9,629	8,938
North Dakota	2,931	2,983	3,133	2,426	3,012	31,232	2,620	3,009
Ohio	21,307	22,548	26,962	26,017	29,212	275,358	27,698	23,448
Oklahoma	16,747	17,220	17,909	15,559	17,980	192,257	17,581	15,480
Oregon	4,819	4,854	5,288	5,171	5,991	57,760	5,705	4,754
Pennsylvania	16,784	17,082	21,013	19,014	21,205	212,253	20,668	19,496
Rhode Island	666	799	716	NA	806	8,474	734	677
South Carolina	7,454	7,232	8,114	7,278	8,170	88,148	7,958	7,852
South Dakota	3,648	3,616	3,916	3,796	4,296	44,570	4,108	3,953
Tennessee	10,984	10,625	11,930	11,638	12,546	122,952	12,163	10,537
Texas	133,666	130,797	139,913	131,228	NA	1,649,759	154,403	140,134
Utah	3,248	3,480	3,390	3,810	3,779	38,568	3,460	3,201
Vermont	158	167	215	196	222	2,172	217	199
Virginia	7,698	7,833	8,262	7,874	7,741	88,422	7,668	7,547
Washington	6,052	6,263	6,994	6,844	8,156	79,275	7,903	6,687
West Virginia	2,667	2,488	3,155	2,937	3,328	32,281	3,394	3,284
Wisconsin	10,958	11,636	14,939	13,691	16,657	143,214	15,840	12,341
Wyoming	4,193	4,394	4,732	4,416	4,868	52,810	5,173	4,938
<b>Total</b>	<b>624,651</b>	<b>625,436</b>	<b>691,312</b>	<b>644,623</b>	<b>730,864</b>	<b>7,722,252</b>	<b>733,380</b>	<b>653,529</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016							
	October	September	August	July	June	May	April	March
Alabama	15,106	14,453	14,872	14,946	15,399	16,891	16,027	16,858
Alaska	538	436	261	307	363	261	183	237
Arizona	1,663	1,576	1,386	1,334	1,542	1,591	1,582	1,708
Arkansas	7,052	6,668	7,035	6,546	6,554	6,970	7,074	7,566
California	63,793	68,837	72,768	66,479	62,672	63,228	61,518	62,640
Colorado	6,110	5,167	5,246	5,118	4,984	6,141	6,625	7,542
Connecticut	1,745	1,663	1,733	1,685	1,602	1,714	1,921	2,044
Delaware	2,742	2,659	2,573	2,690	2,333	2,643	2,464	2,666
District of Columbia	0	0	0	0	0	0	0	0
Florida	8,460	8,150	8,431	8,340	7,619	8,566	8,978	9,069
Georgia	12,635	11,517	11,720	11,880	11,832	12,657	12,370	13,414
Hawaii	43	44	56	54	41	47	42	41
Idaho <sup>a</sup>	3,117	2,659	2,252	2,524	2,136	2,462	2,492	3,184
Illinois	20,313	18,519	17,502	17,556	16,356	18,795	20,145	23,101
Indiana	24,639	27,077	27,962	29,016	29,034	31,204	31,458	33,807
Iowa	16,360	14,188	15,012	14,346	14,114	14,311	13,989	15,816
Kansas	9,120	8,356	12,156	11,049	9,324	9,217	9,344	10,327
Kentucky	9,001	8,199	8,561	8,169	8,237	9,171	9,448	10,354
Louisiana	85,534	84,515	87,369	88,600	85,219	87,933	85,740	88,206
Maine	1,697	1,590	1,588	1,569	1,414	1,570	1,602	1,802
Maryland	1,281	997	1,207	1,219	1,063	1,202	1,264	1,549
Massachusetts	3,331	2,495	2,419	2,475	2,841	3,168	4,147	4,560
Michigan	13,226	12,155	11,473	10,754	11,263	11,856	14,586	16,473
Minnesota	12,018	10,879	12,090	12,203	11,722	12,508	13,345	15,560
Mississippi	8,328	8,676	9,571	9,591	9,839	9,772	9,647	9,099
Missouri	4,458	4,628	4,301	4,453	4,385	4,952	4,936	5,551
Montana	1,874	1,835	1,641	1,661	1,510	1,658	1,459	1,690
Nebraska	8,070	7,639	9,167	8,450	7,126	6,787	6,586	6,724
Nevada	1,628	1,510	1,440	1,392	1,427	1,477	1,511	1,556
New Hampshire	651	620	582	590	564	679	727	805
New Jersey	5,405	5,179	5,372	5,628	5,268	4,364	4,820	4,189
New Mexico	1,321	1,232	1,209	1,252	1,220	1,297	1,234	1,437
New York	6,129	5,336	5,568	5,203	5,138	4,925	6,674	7,463
North Carolina	8,625	7,700	8,370	7,741	7,668	8,439	8,635	9,199
North Dakota	3,179	2,848	2,037	2,194	2,768	2,795	2,091	2,663
Ohio	21,386	19,351	18,914	19,148	19,685	21,390	22,601	24,828
Oklahoma	14,948	13,765	15,638	15,794	15,675	17,306	16,339	16,434
Oregon	4,920	4,469	4,337	4,254	4,287	4,591	4,623	5,100
Pennsylvania	17,368	14,878	16,263	14,823	14,577	15,739	17,592	19,232
Rhode Island	694	742	662	605	652	691	728	760
South Carolina	7,159	6,862	6,901	6,771	7,010	7,448	7,464	7,538
South Dakota	3,565	3,536	3,661	3,401	3,386	3,480	3,645	3,786
Tennessee	9,993	9,343	9,639	9,293	9,496	9,395	9,550	10,157
Texas	137,211	136,921	143,214	142,470	128,372	128,639	126,880	137,788
Utah	3,130	2,995	2,735	2,822	3,036	3,073	3,569	3,376
Vermont	185	153	140	140	151	167	192	204
Virginia	6,455	7,527	7,427	7,350	7,190	6,896	7,176	7,453
Washington	7,137	6,414	5,964	6,013	5,731	5,758	6,304	6,605
West Virginia	3,013	2,712	2,576	2,697	2,406	2,093	2,300	2,548
Wisconsin	11,270	9,824	9,962	9,222	9,690	10,099	11,833	12,944
Wyoming	4,648	4,013	4,304	4,274	4,040	4,159	4,054	4,405
<b>Total</b>	<b>622,274</b>	<b>603,507</b>	<b>627,266</b>	<b>616,091</b>	<b>589,960</b>	<b>612,176</b>	<b>619,514</b>	<b>662,058</b>

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				
	February	January	Total	December	November	October	September	August
Alabama	16,678	18,682	186,819	15,719	15,146	15,339	14,943	15,358
Alaska	243	479	4,864	422	381	369	345	402
Arizona	1,793	2,030	20,402	2,029	1,882	1,604	1,446	1,487
Arkansas	7,708	8,607	85,287	7,301	7,201	6,903	6,342	6,455
California	58,879	64,280	777,102	66,909	63,511	64,415	65,899	71,454
Colorado	7,704	9,124	78,178	8,939	7,646	5,828	4,792	4,996
Connecticut	2,517	2,764	25,612	2,194	2,010	1,883	1,712	1,804
Delaware	2,517	2,821	33,126	3,040	2,682	2,590	2,448	2,636
District of Columbia	0	0	0	0	0	0	0	0
Florida	8,655	9,538	96,124	8,855	7,706	7,928	7,320	7,298
Georgia	13,814	14,369	157,937	13,423	13,324	13,742	12,274	12,720
Hawaii	44	47	442	36	36	43	37	41
Idaho	3,333	3,644	31,664	3,399	3,311	3,028	2,561	2,412
Illinois	25,486	27,701	265,900	24,502	23,724	20,369	18,722	18,717
Indiana	34,114	36,935	372,537	33,407	29,891	28,801	26,669	28,121
Iowa	15,857	17,028	178,772	15,802	15,136	15,213	13,428	13,991
Kansas	10,669	11,783	121,064	12,396	9,972	9,125	8,723	10,837
Kentucky	10,915	12,020	116,524	10,000	9,814	8,890	8,512	8,841
Louisiana	83,387	90,384	949,421	85,222	81,626	79,578	77,875	80,615
Maine	1,543	1,681	20,972	1,526	1,510	1,670	1,590	1,555
Maryland	1,456	1,349	14,765	1,312	1,277	1,252	1,140	927
Massachusetts	5,283	5,579	44,554	4,043	4,042	3,051	2,574	2,215
Michigan	18,124	19,089	171,196	15,555	14,100	13,319	11,478	11,210
Minnesota	15,368	17,365	157,401	15,545	13,674	13,347	11,362	10,324
Mississippi	10,108	10,815	121,835	10,510	10,320	11,290	9,898	9,646
Missouri	7,118	6,858	65,691	6,158	5,560	4,912	4,551	4,399
Montana	1,845	2,055	21,920	2,178	2,192	1,878	1,714	1,970
Nebraska	6,532	7,243	85,604	7,161	7,848	7,320	6,508	7,106
Nevada	1,442	1,602	17,724	1,467	1,507	1,463	1,470	1,463
New Hampshire	868	873	8,386	743	709	619	605	566
New Jersey	4,745	6,059	55,368	4,211	4,575	4,156	4,079	4,039
New Mexico	1,448	1,541	17,937	1,571	1,613	1,476	1,345	1,434
New York	7,872	7,743	83,058	6,684	6,657	6,256	5,594	5,803
North Carolina	10,057	10,502	105,103	9,050	8,912	9,045	7,975	8,155
North Dakota	2,274	2,755	31,660	2,377	2,951	2,948	2,706	2,519
Ohio	27,209	29,701	276,004	23,373	22,474	20,128	18,521	19,080
Oklahoma	15,496	17,802	184,547	17,932	17,201	15,893	14,973	13,427
Oregon	4,997	5,724	53,632	5,136	4,720	4,273	3,990	4,064
Pennsylvania	20,513	21,106	212,050	18,318	17,002	16,747	15,240	15,364
Rhode Island	799	730	8,624	742	669	675	686	673
South Carolina	7,284	7,901	84,898	7,938	7,403	7,298	6,671	6,802
South Dakota	3,933	4,117	44,094	3,872	3,815	3,422	3,438	3,534
Tennessee	11,179	12,206	114,682	9,843	9,276	9,190	8,716	8,767
Texas	131,487	142,240	1,606,000	145,313	137,582	132,045	128,074	135,975
Utah	3,600	3,571	37,189	3,568	3,083	2,933	2,724	2,755
Vermont	204	220	2,040	188	178	188	150	153
Virginia	7,109	8,624	86,817	7,186	7,338	7,260	6,752	7,360
Washington	6,795	7,964	76,527	7,520	6,984	6,748	6,023	5,633
West Virginia	2,588	2,670	25,474	2,390	2,027	1,861	1,688	1,846
Wisconsin	14,219	15,969	136,709	12,901	12,329	10,777	9,133	9,153
Wyoming	4,263	4,539	47,667	4,626	4,196	3,906	3,644	3,765
<b>Total</b>	<b>662,069</b>	<b>720,427</b>	<b>7,521,903</b>	<b>674,532</b>	<b>638,537</b>	<b>612,994</b>	<b>579,061</b>	<b>599,867</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2015						
	July	June	May	April	March	February	January
Alabama	15,830	14,664	15,511	14,190	15,969	16,306	17,844
Alaska	390	376	397	395	439	450	497
Arizona	1,498	1,512	1,644	1,659	1,831	1,695	2,115
Arkansas	6,434	6,380	6,771	7,029	7,921	8,062	8,486
California	69,806	62,545	63,541	63,109	62,086	57,364	66,464
Colorado	5,000	4,872	5,976	6,060	7,135	8,041	8,894
Connecticut	1,736	1,733	1,816	2,082	2,936	2,728	2,978
Delaware	2,668	2,560	2,819	3,037	3,171	2,494	2,980
District of Columbia	0	0	0	0	0	0	0
Florida	7,605	7,572	8,064	7,994	8,562	8,416	8,804
Georgia	13,006	12,710	13,089	12,115	13,537	13,192	14,803
Hawaii	38	44	31	32	37	28	38
Idaho <sup>a</sup>	2,091	2,359	2,598	2,322	2,419	2,558	2,607
Illinois	19,614	18,206	19,770	20,616	24,665	27,785	29,210
Indiana	28,246	27,518	29,593	29,054	36,014	37,319	37,904
Iowa	13,797	13,627	14,433	13,906	15,493	16,578	17,368
Kansas	11,029	9,136	8,466	9,035	9,199	11,071	12,075
Kentucky	8,479	8,613	8,771	9,698	11,455	11,433	12,018
Louisiana	77,128	75,687	79,982	76,135	76,884	74,946	83,743
Maine	1,591	1,629	1,718	1,953	2,186	1,843	2,201
Maryland	1,123	1,168	1,141	1,135	1,351	1,353	1,584
Massachusetts	2,265	2,169	2,808	4,049	5,321	6,187	5,830
Michigan	11,139	10,687	11,570	14,382	17,712	19,139	20,906
Minnesota	10,333	10,718	11,133	13,355	15,419	15,370	16,822
Mississippi	9,717	9,893	9,642	9,617	9,983	10,327	10,991
Missouri	4,742	4,629	4,657	5,116	6,733	7,055	7,179
Montana	1,441	1,554	1,671	1,670	1,791	1,862	2,182
Nebraska	7,738	6,459	6,797	6,626	6,395	7,715	7,930
Nevada	1,425	1,386	1,438	1,558	1,546	1,376	1,625
New Hampshire	606	611	598	764	930	812	823
New Jersey	4,218	4,134	4,154	4,589	5,316	5,557	6,341
New Mexico	1,379	1,230	1,550	1,597	1,643	1,523	1,575
New York	5,279	5,363	5,776	7,332	9,509	9,427	9,379
North Carolina	7,855	7,794	8,132	8,546	9,856	9,375	10,411
North Dakota	1,999	2,452	2,835	2,510	2,940	2,687	2,736
Ohio	19,463	19,413	20,431	22,803	28,217	30,802	31,300
Oklahoma	12,251	12,772	15,911	15,171	15,918	15,206	17,893
Oregon	3,919	4,095	4,307	4,671	4,710	4,538	5,209
Pennsylvania	15,910	15,935	16,938	17,645	21,257	20,789	20,905
Rhode Island	650	666	701	848	760	826	728
South Carolina	6,697	6,700	6,892	7,121	7,647	6,119	7,611
South Dakota	3,499	3,571	3,524	3,706	3,722	3,967	4,025
Tennessee	8,574	8,801	8,581	9,194	10,717	11,510	11,513
Texas	133,700	130,022	134,880	129,764	133,061	125,336	140,247
Utah	2,744	2,994	3,073	3,092	3,152	3,483	3,586
Vermont	156	137	134	158	207	176	217
Virginia	7,286	7,320	7,646	7,711	6,605	6,805	7,550
Washington	5,370	5,698	5,995	6,187	6,874	6,249	7,246
West Virginia	1,757	1,916	1,874	2,245	2,672	2,669	2,529
Wisconsin	8,853	8,839	9,392	10,427	13,617	15,341	15,947
Wyoming	3,826	3,817	3,673	3,919	4,092	3,733	4,470
<b>Total</b>	<b>591,900</b>	<b>574,682</b>	<b>602,843</b>	<b>607,933</b>	<b>661,612</b>	<b>659,623</b>	<b>718,319</b>

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

<sup>R</sup> Revised data.

<sup>NA</sup> 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<sup>a</sup> consumers, by state, 2015-2017**  
(million cubic feet)

State	2017							
	Total	December	November	October	September	August	July	June
Alabama	387,460	30,027	R30,663	R31,968	R35,935	R41,891	R43,183	R33,599
Alaska	27,141	2,879	2,287	R2,739	R2,590	R3,148	R3,075	R1,798
Arizona	222,843	15,583	12,775	R21,580	R24,782	R31,174	R34,001	R27,480
Arkansas	133,042	12,806	R6,552	R10,535	R10,781	R14,121	R16,802	R13,498
California	597,171	50,535	R48,013	R58,492	R62,609	R78,072	R67,121	R49,346
Colorado	98,427	8,882	6,641	R6,431	R9,209	R11,276	R12,634	R8,919
Connecticut	107,213	10,080	R10,253	R9,317	R8,206	R10,854	R10,807	R7,911
Delaware	45,793	2,622	R2,381	R3,671	R3,758	5,123	R5,481	R5,034
District of Columbia	*	*	--	--	--	--	--	--
Florida	1,196,155	86,507	R83,018	R106,714	R112,489	R128,071	R125,089	R109,736
Georgia	377,452	32,831	R26,920	R29,911	R33,691	R41,187	R39,860	R34,495
Hawaii	--	--	--	--	--	--	--	--
Idaho	20,214	2,067	1,608	R2,046	R2,004	R2,466	R2,481	R1,336
Illinois	116,882	9,016	R7,543	R8,982	R11,325	R12,376	R15,559	R12,488
Indiana	151,820	16,492	R12,651	R12,159	R13,843	R13,840	R15,322	R11,947
Iowa	27,706	3,249	2,098	R2,623	R3,197	R3,935	R3,785	R1,969
Kansas	23,257	1,582	R1,563	R2,518	R2,034	R2,852	R4,037	R2,604
Kentucky	84,878	8,188	R7,550	R5,319	R6,666	8,501	R10,869	R7,897
Louisiana	272,156	21,902	R15,618	R26,045	R25,718	R29,240	R30,216	R26,532
Maine	W	1,601	W	W	W	W	W	W
Maryland	51,303	5,044	R5,218	R3,262	R5,952	R4,900	R5,951	R4,624
Massachusetts	163,128	13,410	R9,884	R12,070	R13,431	R17,504	R17,273	R15,120
Michigan	216,285	21,153	16,756	R19,250	R18,700	R21,353	R23,797	R17,749
Minnesota	58,713	5,661	4,496	R5,591	R5,964	R7,274	R8,038	R3,957
Mississippi	346,990	31,169	R24,528	R25,870	R29,682	R36,360	R39,236	R30,537
Missouri	44,834	3,383	R3,547	W	R4,698	4,582	R5,821	R4,260
Montana	5,118	450	340	434	532	R727	634	315
Nebraska	5,531	284	282	319	R588	769	R1,513	450
Nevada	196,646	14,765	14,037	R16,823	R17,643	R22,428	R22,970	R19,267
New Hampshire	25,975	1,429	1,850	1,668	3,324	3,468	2,923	2,505
New Jersey	278,263	23,081	R18,584	R21,751	R23,629	R26,502	R31,311	R26,603
New Mexico	75,644	6,207	4,903	R5,982	R6,601	R7,717	R9,181	R8,075
New York	400,403	31,253	R27,835	R30,115	R36,648	R44,450	R47,146	R37,934
North Carolina	285,843	26,844	R22,687	R22,530	R24,699	R27,503	R28,212	R24,265
North Dakota	10,100	993	821	R899	R973	R1,111	R1,126	R761
Ohio	205,619	21,547	R20,491	R15,269	R17,640	R20,914	R21,142	R17,010
Oklahoma	235,574	19,103	R14,548	R18,031	R21,568	R29,133	R34,774	R24,995
Oregon	88,673	11,711	8,347	R10,577	R9,407	R11,698	R9,828	R3,116
Pennsylvania	440,807	33,147	R32,340	R45,997	R44,848	R46,837	R49,613	R38,393
Rhode Island	W	3,072	R3,304	W	R3,926	4,249	R4,480	R3,817
South Carolina	135,107	9,625	R10,191	R12,271	R12,622	R13,429	R14,172	R11,987
South Dakota	W	540	427	R543	R707	R865	R1,071	W
Tennessee	77,410	6,653	R5,416	R6,291	R6,626	R7,456	R8,614	R7,142
Texas	1,383,503	110,222	R88,443	R110,054	R125,868	R166,502	R176,441	R142,427
Utah	40,900	3,738	1,982	R2,017	R3,581	R6,207	R5,218	R3,670
Vermont	12	1	1	*	1	1	*	1
Virginia	327,126	27,707	R26,263	R21,680	R31,012	R35,320	R37,392	R33,514
Washington	77,234	8,453	6,714	R8,284	R7,571	R10,262	R8,374	R3,605
West Virginia	11,295	434	R915	R2,067	R2,064	1,470	R1,544	R1,047
Wisconsin	104,470	10,144	8,004	R10,295	R10,809	R12,373	R13,683	R8,059
Wyoming	1,268	154	90	55	116	219	R292	85
<b>Total</b>	<b>9,250,066</b>	<b>768,229</b>	<b>R662,814</b>	<b>R779,799</b>	<b>R862,068</b>	<b>R1,033,682</b>	<b>R1,074,275</b>	<b>R854,087</b>

See footnotes at end of table.

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

State	2017					Total	2016	
	May	April	March	February	January		December	November
Alabama	R30,994	R29,790	R30,529	R23,174	R25,708	415,162	30,859	30,500
Alaska	R1,398	R1,510	1,916	R1,470	2,331	22,236	1,753	1,763
Arizona	R19,077	R14,165	R7,307	5,396	R9,522	255,593	9,577	12,145
Arkansas	R13,100	R11,525	R11,030	R7,424	R4,866	136,368	7,172	10,868
California	R35,394	R27,417	R31,506	R37,508	R51,157	671,152	52,512	51,615
Colorado	R7,299	R7,343	R5,826	5,680	R8,285	95,419	7,245	5,669
Connecticut	R6,513	R7,058	R7,920	R8,140	10,154	122,240	9,470	9,797
Delaware	R4,977	R3,096	4,208	R2,807	2,635	53,926	2,262	3,572
District of Columbia	--	--	--	--	--	--	--	--
Florida	R110,008	R93,552	R90,505	R72,938	R77,530	1,180,649	76,560	76,861
Georgia	R30,628	R24,262	R27,563	R27,669	R28,434	379,202	25,859	23,972
Hawaii	--	--	--	--	--	--	--	--
Idaho	R1,018	R1,049	1,324	1,077	1,738	23,971	1,766	834
Illinois	R8,386	R6,401	R10,068	R7,394	R7,345	146,175	8,363	8,308
Indiana	R7,722	R9,715	R14,366	R11,093	R12,669	158,414	13,562	13,587
Iowa	R1,450	R1,609	1,256	952	1,583	20,233	713	575
Kansas	R1,598	R1,520	R1,451	R621	R874	20,324	931	1,262
Kentucky	R6,451	R6,616	7,421	R4,293	R5,106	66,907	5,420	4,211
Louisiana	R23,915	R20,939	R21,216	R15,835	R14,982	330,642	18,790	19,777
Maine	W	W	W	W	1,402	22,408	815	1,122
Maryland	R3,267	R3,780	R4,637	R2,708	R1,960	49,059	822	570
Massachusetts	R13,217	R13,630	R13,567	R11,524	R12,498	160,044	10,717	8,180
Michigan	R15,867	R13,869	19,052	R12,299	16,439	243,612	15,356	16,947
Minnesota	R3,115	R2,990	R3,813	R2,922	R4,893	65,606	2,906	3,268
Mississippi	R30,306	R25,274	R29,604	R18,842	R25,581	367,456	27,475	21,372
Missouri	R2,943	R2,696	3,538	R2,583	R2,978	51,135	3,601	2,189
Montana	319	333	343	288	404	7,306	W	W
Nebraska	342	210	358	143	273	6,358	196	674
Nevada	R14,582	R11,945	R12,837	13,168	16,181	209,610	15,951	15,667
New Hampshire	1,776	3,572	1,464	893	1,104	33,841	2,200	3,078
New Jersey	R22,211	R20,150	R26,548	R17,255	R20,637	327,628	21,684	19,960
New Mexico	R6,116	R4,531	5,096	5,004	R6,231	82,929	6,174	5,270
New York	R28,322	R25,663	R33,506	R26,606	R30,926	477,867	33,326	28,853
North Carolina	R21,983	R18,297	R24,879	R21,931	R22,013	293,669	21,708	23,813
North Dakota	628	R628	675	624	862	9,347	W	607
Ohio	R14,752	R11,832	R15,964	R13,968	R15,089	211,732	15,615	15,568
Oklahoma	R18,664	R16,848	R12,971	R10,845	R14,093	274,388	16,442	20,889
Oregon	R2,020	R2,330	3,256	5,735	10,649	107,069	12,339	7,788
Pennsylvania	R27,745	R25,534	R32,555	R30,334	R33,465	500,656	38,553	38,967
Rhode Island	R3,286	R3,093	2,987	R2,638	R2,887	46,974	2,844	2,903
South Carolina	R12,820	R11,209	R9,993	R8,927	R7,863	133,130	7,370	13,620
South Dakota	352	W	452	270	490	7,574	272	512
Tennessee	R3,618	R6,468	R8,876	R5,105	R5,144	87,680	7,931	3,688
Texas	R111,299	R97,943	R93,567	R75,007	R85,730	1,538,663	90,872	96,452
Utah	R2,516	R2,195	R2,210	2,677	R4,889	58,008	4,215	3,313
Vermont	2	*	2	1	2	14	2	2
Virginia	R23,226	R19,393	R26,434	R22,401	R22,783	292,826	20,812	20,785
Washington	R3,452	R4,295	4,373	4,100	R7,748	85,403	7,455	4,674
West Virginia	R496	W	W	W	W	10,311	164	386
Wisconsin	R5,542	R5,611	7,853	5,223	6,873	120,764	6,991	6,628
Wyoming	W	55	W	R27	97	1,844	W	W
<b>Total</b>	<b>R706,151</b>	<b>R623,889</b>	<b>R678,970</b>	<b>R558,740</b>	<b>R647,362</b>	<b>9,983,526</b>	<b>668,757</b>	<b>663,538</b>

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power<sup>a</sup> consumers, by state, 2015-2017

(million cubic feet) – continued

State	2016							
	October	September	August	July	June	May	April	March
Alabama	31,962	40,587	43,505	44,566	39,282	33,335	26,636	30,764
Alaska	1,732	1,952	2,200	2,044	1,756	1,755	1,645	1,745
Arizona	20,806	28,593	36,059	36,512	31,063	20,260	18,623	14,134
Arkansas	9,109	9,207	16,405	16,341	17,250	12,184	10,509	12,760
California	62,951	64,501	79,709	73,374	63,255	40,618	37,567	37,493
Colorado	5,848	6,793	10,126	11,675	10,289	7,741	8,614	7,331
Connecticut	9,514	9,817	12,137	11,476	9,275	10,263	11,348	8,938
Delaware	5,346	5,237	7,089	7,425	6,001	3,953	4,602	3,856
District of Columbia	--	--	--	--	--	--	--	--
Florida	96,936	108,803	120,587	122,353	114,263	106,961	100,187	90,908
Georgia	26,061	31,785	41,363	43,098	39,628	33,268	30,528	29,405
Hawaii	--	--	--	--	--	--	--	--
Idaho	1,366	2,671	3,698	2,549	2,006	1,407	628	1,760
Illinois	11,710	12,872	20,063	23,039	13,253	9,676	9,615	12,110
Indiana	11,299	11,936	16,077	15,793	13,958	13,693	9,428	13,879
Iowa	942	1,249	3,628	3,162	2,131	2,456	801	1,453
Kansas	1,356	2,735	2,847	3,163	3,117	1,685	1,104	947
Kentucky	4,730	5,454	7,597	8,026	6,732	4,992	4,493	6,026
Louisiana	22,889	28,503	31,968	38,721	33,611	30,795	25,600	27,286
Maine	1,770	1,834	3,562	3,252	1,770	1,920	1,409	607
Maryland	3,308	5,414	10,307	9,671	3,730	3,879	3,569	4,203
Massachusetts	9,495	14,211	21,417	21,351	17,569	15,482	11,546	10,627
Michigan	16,857	17,992	31,130	26,034	21,500	22,478	23,125	18,916
Minnesota	3,282	3,332	10,302	8,556	6,111	6,207	5,853	5,173
Mississippi	27,273	36,326	37,854	39,659	36,139	31,831	22,528	26,509
Missouri	3,153	4,845	6,815	7,273	6,992	4,019	4,780	2,543
Montana	W	618	1,051	885	670	W	W	553
Nebraska	469	291	1,119	1,100	1,389	318	463	150
Nevada	15,257	17,112	21,887	22,567	21,319	17,106	14,939	15,241
New Hampshire	2,362	3,909	4,582	4,147	2,854	3,009	3,609	749
New Jersey	27,481	30,078	41,217	39,592	30,423	24,014	23,970	24,419
New Mexico	7,211	7,250	8,608	9,227	7,704	6,387	6,358	6,092
New York	32,503	45,082	64,329	59,588	44,619	39,743	33,273	32,185
North Carolina	18,622	24,204	30,092	29,132	23,889	21,936	23,986	28,153
North Dakota	691	828	1,315	1,155	898	688	W	664
Ohio	14,289	18,191	23,086	22,704	17,398	11,353	16,437	18,110
Oklahoma	18,559	25,575	29,527	33,632	31,430	22,843	20,250	17,666
Oregon	7,767	13,139	14,263	10,464	7,950	3,346	3,089	7,255
Pennsylvania	39,512	47,277	57,598	57,177	47,121	35,691	33,444	36,647
Rhode Island	2,968	4,439	5,686	5,963	4,761	5,004	2,937	4,496
South Carolina	10,992	13,848	14,771	15,788	12,229	10,143	6,915	9,925
South Dakota	473	556	1,139	1,031	745	605	687	528
Tennessee	6,423	8,879	10,415	10,109	9,257	6,235	5,147	6,915
Texas	111,658	144,557	174,935	171,002	151,685	132,544	117,577	119,869
Utah	4,019	4,423	6,023	6,322	6,069	5,071	5,259	4,411
Vermont	2	3	3	1	--	2	*	1
Virginia	18,007	27,967	38,099	36,703	29,100	21,704	13,489	20,289
Washington	5,017	10,717	12,266	9,735	6,145	5,028	2,787	4,468
West Virginia	1,662	1,150	686	680	1,309	1,666	1,100	1,074
Wisconsin	5,218	8,027	15,103	14,065	11,524	9,688	9,693	13,267
Wyoming	W	W	W	W	W	W	W	W
<b>Total</b>	<b>741,360</b>	<b>914,908</b>	<b>1,154,593</b>	<b>1,142,161</b>	<b>971,342</b>	<b>805,702</b>	<b>721,262</b>	<b>742,605</b>

See footnotes at end of table.

Table 17. Natural gas deliveries to electric power<sup>a</sup> consumers, by state, 2015-2017

(million cubic feet) – continued

State	2016			2015				
	February	January	Total	December	November	October	September	August
Alabama	29,216	33,949	397,498	33,320	31,415	31,618	33,206	37,362
Alaska	1,810	2,080	30,207	2,636	2,498	2,114	1,846	2,225
Arizona	12,550	15,271	248,369	17,489	17,648	24,377	30,919	38,045
Arkansas	5,899	8,663	109,553	6,818	5,446	4,135	8,588	12,556
California	47,121	60,436	805,933	62,996	59,144	83,347	87,498	88,850
Colorado	6,294	7,795	92,304	8,428	9,707	7,901	9,346	9,911
Connecticut	9,698	10,507	119,907	11,213	9,833	10,315	10,733	12,406
Delaware	2,385	2,200	45,450	2,251	2,318	3,189	5,018	5,158
District of Columbia	--	--	--	--	--	--	--	--
Florida	79,470	86,759	1,156,605	89,257	91,640	100,010	105,618	112,839
Georgia	25,637	28,597	355,698	27,586	27,518	29,598	30,598	35,866
Hawaii	--	--	--	--	--	--	--	--
Idaho	2,412	2,873	27,710	2,857	2,236	2,510	2,900	3,629
Illinois	8,898	8,269	83,976	8,006	7,206	6,679	8,783	7,798
Indiana	11,811	13,392	127,964	13,496	11,416	8,621	7,777	9,932
Iowa	1,485	1,639	16,199	1,564	435	774	1,573	2,180
Kansas	510	667	14,624	647	664	513	1,457	2,012
Kentucky	3,711	5,514	51,723	3,333	5,309	6,086	4,825	4,723
Louisiana	24,777	27,924	342,506	31,251	29,293	29,206	27,478	33,918
Maine	1,896	2,451	18,034	1,439	1,815	2,524	1,591	1,856
Maryland	2,295	1,292	39,770	2,457	3,202	2,964	4,210	4,973
Massachusetts	9,811	9,641	156,795	9,089	8,386	14,089	16,911	23,712
Michigan	16,885	16,392	166,202	15,903	13,848	14,827	13,612	13,677
Minnesota	5,230	5,386	53,096	5,619	2,969	3,276	6,284	6,268
Mississippi	29,688	30,803	330,718	25,534	25,669	23,829	26,709	32,028
Missouri	2,547	2,379	38,633	2,887	2,285	1,620	3,403	5,561
Montana	578	636	6,558	789	591	514	59	683
Nebraska	101	87	4,255	129	149	102	433	826
Nevada	14,624	17,941	209,692	18,315	15,460	18,276	20,339	23,127
New Hampshire	1,145	2,196	42,673	2,706	3,795	3,375	3,922	4,622
New Jersey	21,012	23,777	283,447	22,007	23,683	23,585	29,315	29,196
New Mexico	5,806	6,840	78,337	7,078	5,614	6,130	6,610	8,656
New York	30,295	34,071	471,586	30,391	32,318	39,583	49,295	54,490
North Carolina	24,825	23,308	269,354	22,441	22,253	19,405	23,600	24,915
North Dakota	726	729	6,546	174	102	451	1,113	1,129
Ohio	19,207	19,773	208,222	17,120	15,766	13,674	17,698	19,302
Oklahoma	16,020	21,555	254,401	23,028	20,467	16,297	20,187	27,986
Oregon	9,330	10,340	113,519	11,787	11,133	10,949	11,743	11,706
Pennsylvania	33,433	35,235	437,976	35,771	36,127	37,886	39,530	47,012
Rhode Island	2,530	2,442	50,005	3,079	4,282	3,860	3,515	7,028
South Carolina	7,877	9,654	136,111	11,849	13,807	12,523	11,970	13,804
South Dakota	570	455	6,128	622	463	291	339	809
Tennessee	6,325	6,355	69,752	6,151	5,453	4,568	6,125	5,993
Texas	105,021	122,491	1,623,836	121,199	108,509	129,548	149,420	183,710
Utah	4,107	4,778	56,449	5,305	4,875	4,371	5,164	6,232
Vermont	--	*	19	1	1	*	1	*
Virginia	22,753	23,118	243,176	22,865	16,554	11,729	22,112	26,159
Washington	7,351	9,761	96,897	9,289	10,567	11,212	10,873	10,989
West Virginia	226	208	13,221	509	754	1,536	1,740	1,870
Wisconsin	10,324	10,235	100,502	9,852	7,642	7,393	8,950	8,706
Wyoming	W	W	1,233	72	150	161	108	154
<b>Total</b>	<b>686,335</b>	<b>770,962</b>	<b>9,613,370</b>	<b>768,606</b>	<b>732,413</b>	<b>791,541</b>	<b>895,044</b>	<b>1,026,590</b>

See footnotes at end of table.

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

State	2015						
	July	June	May	April	March	February	January
Alabama	39,113	36,718	32,391	24,902	30,383	31,360	35,709
Alaska	2,366	2,475	2,314	2,477	3,044	3,099	3,114
Arizona	33,640	30,516	13,127	13,276	9,360	8,648	11,324
Arkansas	12,815	9,908	7,400	8,840	10,639	12,428	9,981
California	83,645	73,309	50,951	52,671	54,168	46,537	62,816
Colorado	9,396	8,013	4,901	5,839	6,344	5,779	6,740
Connecticut	11,634	9,399	8,759	8,933	8,418	7,533	10,732
Delaware	5,798	4,594	5,004	5,527	2,146	1,451	2,994
District of Columbia	--	--	--	--	--	--	--
Florida	110,857	105,715	101,383	98,530	86,030	73,961	80,767
Georgia	39,865	33,548	27,969	22,113	25,734	25,998	29,304
Hawaii	--	--	--	--	--	--	--
Idaho	3,182	3,474	2,081	1,276	842	414	2,309
Illinois	10,938	7,069	4,645	5,327	5,834	5,582	6,108
Indiana	10,272	9,337	9,208	9,311	13,117	13,696	11,783
Iowa	2,812	1,563	784	686	1,235	1,265	1,328
Kansas	3,116	1,726	1,023	938	1,100	936	493
Kentucky	6,197	3,618	3,384	3,317	3,111	5,530	2,290
Louisiana	36,917	33,952	27,765	24,985	23,542	22,220	21,979
Maine	1,176	674	827	1,051	1,884	1,308	1,888
Maryland	6,702	4,489	4,496	2,680	1,351	1,245	1,001
Massachusetts	23,110	15,103	15,150	10,797	7,657	6,206	6,586
Michigan	16,264	13,328	11,924	10,037	14,332	14,499	13,951
Minnesota	7,131	4,567	2,180	4,348	4,629	3,452	2,373
Mississippi	34,689	32,118	26,176	20,019	26,789	30,586	26,571
Missouri	6,396	4,226	1,538	2,372	2,699	2,927	2,720
Montana	356	454	496	79	1,180	784	571
Nebraska	1,164	634	178	240	152	63	184
Nevada	20,918	21,420	15,544	16,108	13,635	13,405	13,145
New Hampshire	4,211	3,618	3,865	3,308	3,393	2,236	3,622
New Jersey	30,696	24,137	24,482	18,113	22,460	17,073	18,699
New Mexico	7,914	6,598	4,833	6,390	6,301	5,592	6,622
New York	54,257	39,800	39,074	28,508	39,614	29,201	35,055
North Carolina	26,073	26,615	23,790	19,169	19,126	20,049	21,918
North Dakota	1,187	458	98	948	270	576	38
Ohio	20,036	18,045	14,983	13,053	19,926	19,404	19,214
Oklahoma	30,270	22,032	17,039	16,856	18,835	20,714	20,692
Oregon	12,432	10,384	7,174	7,467	6,250	4,342	8,153
Pennsylvania	47,447	37,533	31,152	31,493	34,602	26,471	32,952
Rhode Island	6,879	6,127	5,728	2,478	3,170	1,702	2,156
South Carolina	15,096	14,729	10,045	9,328	8,512	7,181	7,267
South Dakota	1,040	664	535	301	66	484	516
Tennessee	7,585	7,019	6,502	4,480	4,220	6,909	4,748
Texas	179,372	145,182	122,352	117,283	127,251	113,522	126,489
Utah	5,845	5,560	4,621	3,864	3,409	3,267	3,937
Vermont	*	1	6	*	1	2	5
Virginia	29,067	26,227	22,131	12,706	18,274	17,648	17,704
Washington	12,516	9,992	5,976	4,488	4,517	1,860	4,618
West Virginia	2,142	1,612	1,211	803	358	430	256
Wisconsin	10,791	8,056	7,223	6,531	8,767	8,744	7,847
Wyoming	216	141	68	30	53	23	56
<b>Total</b>	<b>1,045,542</b>	<b>886,475</b>	<b>734,486</b>	<b>664,276</b>	<b>708,731</b>	<b>648,343</b>	<b>711,324</b>

<sup>a</sup> 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.

<sup>b</sup> Revised data.

<sup>c</sup> Not applicable.

<sup>d</sup> Volume is less than 500 Mcf.

<sup>e</sup> Withheld.

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

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

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

State								2017
	Total	December	November	October	September	August	July	June
Alabama	NA	58,801	R52,506	R51,074	R53,255	R59,588	R60,692	NA
Alaska	67,013	7,767	7,029	R5,741	R4,404	R4,536	R4,323	R3,322
Arizona	NA	25,757	19,162	R27,036	R29,436	NA	R38,509	R32,326
Arkansas	NA	33,125	R20,932	R22,938	R21,259	R24,685	R26,863	R23,835
California	NA	208,394	R166,992	R167,445	R165,104	R182,684	R166,629	R146,626
Colorado	354,980	48,013	32,428	R25,842	R19,674	R21,167	R22,124	R18,920
Connecticut	234,480	28,658	R22,801	R15,281	R13,515	R16,095	R16,130	R13,361
Delaware	NA	NA	R7,317	R7,397	NA	R8,342	R8,401	R8,222
District of Columbia	NA	4,709	NA	1,377	1,101	1,101	1,117	1,167
Florida	1,376,186	104,036	R98,470	R121,318	R125,132	R141,603	R138,440	R122,986
Georgia	691,692	77,804	R57,750	R52,390	R50,697	R60,321	R58,473	R53,695
Hawaii	NA	NA	256	247	254	257	247	NA
Idaho	104,155	13,658	9,873	R8,900	R6,474	R5,984	R6,171	R5,103
Illinois	NA	142,795	R98,648	R61,044	NA	R46,381	R48,687	R46,295
Indiana	719,620	94,851	R67,454	R51,264	R47,600	R46,244	R47,254	R43,115
Iowa	NA	44,082	34,623	NA	R23,401	R24,655	R24,299	R22,695
Kansas	NA	30,758	NA	R16,669	R15,300	R16,869	R18,503	R15,723
Kentucky	274,828	35,797	R26,737	R18,548	R17,237	R18,836	R20,659	R18,275
Louisiana	NA	132,436	R116,609	R123,408	R118,395	R125,616	R123,888	NA
Maine	48,252	5,562	R4,382	R3,386	R3,447	R3,547	R3,772	R3,299
Maryland	NA	NA	R22,577	R10,704	R12,067	R10,573	NA	R10,672
Massachusetts	NA	60,933	R38,471	NA	R23,232	R26,844	R26,444	R25,344
Michigan	860,810	127,093	R87,509	R56,068	R43,515	R44,349	R44,954	R40,900
Minnesota	NA	NA	45,601	R30,578	R23,965	R25,587	R25,452	R22,729
Mississippi	513,388	50,095	R39,687	R38,795	R41,878	R48,646	R50,829	R42,197
Missouri	NA	39,948	R25,513	R14,061	R13,189	R13,119	R13,901	R12,768
Montana	NA	NA	NA	NA	4,157	R3,585	3,365	2,936
Nebraska	NA	19,265	NA	11,331	R8,943	R9,208	10,877	R8,795
Nevada	289,361	26,935	21,348	R22,950	R22,613	R26,937	R27,563	R24,317
New Hampshire	51,780	5,541	4,498	3,002	4,357	4,502	3,885	3,554
New Jersey	NA	95,344	NA	NA	NA	NA	NA	NA
New Mexico	NA	17,284	NA	R10,765	R9,886	R10,988	R12,406	R11,317
New York	1,239,361	163,835	R111,484	R69,647	R68,686	R75,966	R78,303	R72,434
North Carolina	505,519	60,266	R46,578	R37,911	R36,667	R39,579	39,734	R35,767
North Dakota	67,311	8,310	6,504	R5,191	R3,524	R4,208	R4,170	R4,104
Ohio	NA	131,620	NA	R57,780	R49,268	R50,540	R49,669	R46,086
Oklahoma	525,176	55,398	R39,305	R38,845	R40,950	R48,295	R53,150	R43,956
Oregon	226,928	30,159	21,696	R20,853	R16,184	R17,674	R15,795	R10,117
Pennsylvania	NA	NA	NA	R79,738	R71,133	R72,293	R74,587	R64,824
Rhode Island	NA	9,665	R7,320	R5,147	R5,263	R5,613	R5,828	R5,266
South Carolina	NA	NA	R24,240	R23,033	R21,597	R22,719	R23,180	R20,984
South Dakota	74,373	8,645	6,834	R5,428	R4,849	R4,990	R5,135	4,599
Tennessee	NA	NA	R28,885	R22,084	R20,751	R21,515	R22,215	R21,169
Texas	NA	310,877	R261,617	NA	R273,691	R323,614	R336,998	R299,488
Utah	186,841	27,707	16,519	R12,154	R9,842	R11,752	R11,179	R10,677
Vermont	NA	1,769	1,272	685	594	566	538	NA
Virginia	NA	61,296	R48,813	R35,956	R43,344	R47,280	NA	R45,788
Washington	307,783	39,378	30,338	R26,254	R18,786	R20,255	R18,317	R14,223
West Virginia	NA	11,620	R8,889	R7,348	R6,383	R5,602	NA	R5,109
Wisconsin	478,202	67,249	48,051	R33,742	R26,901	R28,841	R29,022	R23,782
Wyoming	80,513	9,111	7,193	6,277	4,855	R4,791	R4,720	R4,834
<b>Total</b>	<b>24,793,536</b>	<b>2,844,276</b>	<b>R2,147,659</b>	<b>R1,839,912</b>	<b>R1,739,719</b>	<b>R1,915,253</b>	<b>R1,942,329</b>	<b>R1,731,064</b>

See footnotes at end of table.

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

State	2017					Total	2016	
	May	April	March	February	January		December	November
Alabama	NA	NA	R53,579	R44,151	R51,622	659,864	56,079	50,106
Alaska	R3,604	R4,531	7,097	6,307	8,353	60,255	7,466	6,557
Arizona	R24,939	R20,872	R15,945	NA	R22,493	343,766	20,335	18,967
Arkansas	NA	R22,867	R25,871	R22,739	R25,194	297,218	27,869	24,318
California	R142,464	R135,893	R156,177	171,674	NA	2,113,847	216,061	175,988
Colorado	R23,273	R27,332	R30,713	34,554	R50,942	352,463	47,904	29,596
Connecticut	R13,320	R16,382	R25,681	24,124	R29,131	242,831	27,063	21,291
Delaware	R8,357	NA	R9,921	R8,345	9,333	107,383	8,615	8,198
District of Columbia	1,489	1,648	3,403	NA	4,180	27,891	4,219	2,591
Florida	R124,410	R108,602	R107,249	R88,402	R95,538	1,362,542	93,316	91,852
Georgia	R50,758	R44,810	R59,842	R57,662	R67,488	700,464	66,586	51,471
Hawaii	248	255	272	258	291	3,038	263	253
Idaho	5,819	R7,201	8,894	10,597	15,481	101,365	14,737	8,337
Illinois	R56,878	R62,887	R111,360	R101,855	141,480	1,000,348	147,523	80,751
Indiana	R44,553	R50,884	R74,620	R66,391	R85,390	728,625	90,269	59,594
Iowa	R24,427	R27,031	35,338	R33,705	42,274	320,541	41,930	27,815
Kansas	R14,520	R17,124	R21,873	R21,148	31,107	233,168	31,567	18,581
Kentucky	R18,194	R19,361	R27,404	R23,580	R30,200	261,248	31,751	21,106
Louisiana	R116,661	R112,747	R117,022	R103,719	R117,830	1,439,894	120,887	112,241
Maine	R3,166	R3,646	R4,958	R4,184	R4,903	52,516	4,106	3,524
Maryland	R11,614	R12,413	R26,968	R22,813	R27,647	211,245	26,172	15,446
Massachusetts	R28,570	R34,456	R56,394	R47,181	R54,092	423,559	50,684	33,424
Michigan	R51,325	R57,647	R102,892	R89,204	R115,355	868,762	112,282	72,216
Minnesota	R25,936	R32,607	47,889	R47,263	R62,015	438,623	55,334	34,918
Mississippi	R43,015	R37,657	R44,748	R33,133	R42,708	521,948	44,364	34,269
Missouri	R13,842	R15,342	R26,352	NA	R39,721	259,072	39,807	19,650
Montana	3,424	4,946	6,724	7,975	10,716	68,928	10,259	6,877
Nebraska	R10,338	R11,685	R15,371	R16,427	R22,143	157,458	20,406	13,699
Nevada	R20,316	R18,896	R22,004	24,437	31,046	299,327	28,659	22,816
New Hampshire	3,263	5,436	5,036	3,984	4,720	57,735	5,711	5,401
New Jersey	R43,939	NA	NA	R71,119	NA	757,432	87,154	54,909
New Mexico	R10,145	NA	NA	12,992	R17,839	156,749	17,587	13,080
New York	R73,343	R85,269	R152,379	R132,312	R155,701	1,270,049	147,632	100,958
North Carolina	R34,760	R31,824	R48,706	R42,738	R50,989	519,746	51,738	44,370
North Dakota	4,401	R5,253	6,950	R6,355	8,342	62,448	7,651	5,517
Ohio	R53,029	R56,542	R100,433	R91,264	R115,855	895,943	113,525	77,125
Oklahoma	R39,237	R39,193	R39,076	R37,125	R50,646	556,210	52,904	43,200
Oregon	R10,662	R13,409	16,983	21,399	31,998	231,110	31,907	19,075
Pennsylvania	R61,737	R66,017	R108,882	R100,094	R118,738	1,071,713	121,309	92,222
Rhode Island	R5,334	R5,899	R8,867	NA	R8,643	83,489	8,493	6,360
South Carolina	R22,483	R21,177	R24,007	R21,375	R23,842	272,617	23,557	26,519
South Dakota	4,956	R5,557	7,161	7,037	9,182	74,246	8,862	6,331
Tennessee	R19,030	R22,130	R33,315	R29,499	R36,659	319,637	40,553	23,357
Texas	R264,397	R250,744	R264,541	NA	NA	3,532,732	294,558	258,950
Utah	R10,532	R13,669	R14,549	18,282	R29,979	199,918	27,878	17,127
Vermont	686	864	1,582	1,400	1,614	11,958	1,619	1,102
Virginia	R37,078	R34,815	R53,637	R47,270	R54,592	526,260	50,171	42,276
Washington	R17,025	R22,302	R28,102	R30,727	42,077	293,106	40,128	24,061
West Virginia	R5,117	R5,710	R9,848	R8,678	10,655	88,541	10,795	8,018
Wisconsin	R26,926	R31,943	R52,556	46,915	62,274	478,287	61,843	36,772
Wyoming	R6,025	R6,602	R8,063	R8,213	R9,829	80,100	9,960	7,406
<b>Total</b>	<b>R1,713,801</b>	<b>R1,746,515</b>	<b>R2,328,896</b>	<b>R2,149,127</b>	<b>R2,694,986</b>	<b>25,198,216</b>	<b>2,662,045</b>	<b>1,980,591</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016							
	October	September	August	July	June	May	April	March
Alabama	49,477	56,717	60,097	61,223	56,711	52,466	45,820	52,215
Alaska	5,385	4,086	3,634	3,397	3,318	3,707	4,272	5,533
Arizona	26,109	33,318	40,454	40,918	36,039	25,987	25,288	21,911
Arkansas	19,922	19,220	26,592	25,943	27,055	22,974	22,241	27,328
California	167,994	171,608	190,464	176,767	164,703	146,670	146,030	162,050
Colorado	20,877	17,022	19,637	21,025	20,069	23,564	30,297	35,470
Connecticut	16,412	14,910	17,231	16,640	14,296	17,097	21,086	21,446
Delaware	9,230	8,656	10,382	10,798	9,073	7,722	8,758	8,687
District of Columbia	1,311	951	987	1,004	987	1,436	2,062	2,448
Florida	110,955	122,262	134,016	136,065	127,256	121,405	115,695	107,367
Georgia	46,219	49,316	59,116	60,764	57,406	53,131	52,724	56,927
Hawaii	250	264	264	255	240	243	255	247
Idaho	7,219	6,844	7,173	6,278	5,404	5,639	5,449	9,255
Illinois	59,444	47,516	53,068	56,449	46,522	54,991	76,181	98,281
Indiana	44,567	44,086	48,757	48,937	47,406	52,920	55,396	65,839
Iowa	22,290	18,821	21,521	20,446	19,032	21,153	22,988	28,993
Kansas	13,995	13,778	17,564	16,813	15,453	14,954	15,157	19,308
Kentucky	16,727	15,610	18,069	17,993	16,802	17,186	18,381	24,224
Louisiana	111,923	116,158	122,571	130,304	121,899	122,334	115,393	120,365
Maine	4,123	3,772	5,474	5,155	3,556	4,097	4,055	3,757
Maryland	11,439	11,084	15,857	15,277	9,845	12,600	15,787	19,835
Massachusetts	25,667	23,643	30,399	30,268	27,109	30,052	34,643	39,653
Michigan	53,267	42,195	52,719	47,255	43,617	55,140	79,401	87,022
Minnesota	26,250	19,762	27,732	25,744	23,855	27,544	36,363	43,536
Mississippi	37,327	46,568	48,956	50,799	47,881	43,617	34,142	38,781
Missouri	13,076	12,986	14,852	15,409	15,335	14,512	17,901	21,970
Montana	5,219	4,018	3,839	3,677	3,459	4,293	4,668	6,481
Nebraska	10,834	9,596	11,886	11,227	10,473	9,747	11,195	12,944
Nevada	20,953	21,948	26,364	27,104	26,140	22,855	21,465	23,218
New Hampshire	3,615	4,922	5,502	5,074	3,840	4,370	5,664	3,328
New Jersey	49,529	47,327	59,140	59,150	50,093	48,141	58,178	67,606
New Mexico	11,297	10,601	11,661	12,343	11,140	10,494	11,343	13,081
New York	77,791	74,952	95,705	90,784	77,589	83,696	100,124	115,304
North Carolina	32,338	35,796	42,312	40,518	35,373	34,923	39,678	46,778
North Dakota	5,295	4,250	3,827	3,814	4,143	4,280	4,387	5,592
Ohio	54,685	47,207	51,768	50,330	46,157	49,937	72,611	84,823
Oklahoma	37,161	42,369	48,021	52,062	50,070	44,029	41,202	42,183
Oregon	17,431	19,812	19,938	16,584	14,427	10,822	11,770	19,818
Pennsylvania	74,212	71,216	82,461	80,626	71,845	67,633	78,716	91,685
Rhode Island	5,149	5,783	6,759	7,019	5,980	6,997	6,148	8,445
South Carolina	20,473	22,499	23,460	24,144	20,996	19,709	17,574	21,594
South Dakota	5,148	4,679	5,307	4,926	4,662	5,090	6,126	6,670
Tennessee	20,398	21,314	22,945	22,377	21,877	19,801	20,680	26,742
Texas	266,363	297,157	333,865	329,608	298,713	279,368	269,369	289,161
Utah	12,130	10,587	11,190	12,134	11,679	13,191	16,101	18,045
Vermont	831	596	575	584	574	663	1,073	1,122
Virginia	31,820	39,908	49,682	48,244	41,500	35,003	31,258	42,234
Washington	21,575	22,240	22,238	19,933	16,680	16,849	16,393	25,567
West Virginia	6,918	5,233	4,606	4,819	5,088	5,714	6,843	8,568
Wisconsin	26,975	23,408	30,261	28,528	26,992	29,433	39,987	49,884
Wyoming	6,322	5,063	5,380	5,217	4,942	5,943	6,294	7,366
<b>Total</b>	<b>1,745,916</b>	<b>1,773,634</b>	<b>2,026,278</b>	<b>2,002,753</b>	<b>1,825,301</b>	<b>1,786,119</b>	<b>1,904,613</b>	<b>2,160,690</b>

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			
	February	January	Total	December	November	October	September	August
Alabama	54,519	64,432	642,529	54,982	51,040	49,489	50,086	54,599
Alaska	5,874	7,028	72,126	8,211	7,225	5,306	4,434	3,876
Arizona	23,758	30,682	336,030	30,504	25,860	29,432	35,335	42,348
Arkansas	24,129	29,627	275,572	23,306	19,044	14,998	18,174	22,088
California	172,679	222,833	2,238,223	233,993	194,636	184,678	187,006	195,602
Colorado	38,549	48,452	347,174	49,125	40,204	22,353	18,738	18,748
Connecticut	26,676	28,685	248,963	23,073	19,714	17,381	15,909	17,632
Delaware	8,309	8,956	101,567	7,574	6,888	7,037	8,088	8,401
District of Columbia	4,765	5,130	31,419	3,136	2,624	1,865	1,141	1,101
Florida	96,619	105,734	1,328,705	104,960	105,544	113,800	117,812	125,213
Georgia	67,283	79,521	687,008	58,304	55,942	52,525	49,225	54,749
Hawaii	246	258	2,922	250	227	239	232	239
Idaho	11,151	13,882	99,702	13,922	11,402	7,669	6,841	7,023
Illinois	128,157	151,465	966,363	107,941	85,107	57,688	43,482	42,179
Indiana	78,712	92,141	711,191	72,029	59,397	47,886	39,639	42,240
Iowa	34,695	40,857	306,899	32,790	25,330	21,501	18,031	18,721
Kansas	24,444	31,552	231,220	26,841	19,208	14,377	13,711	16,449
Kentucky	28,577	34,820	253,219	22,930	22,360	18,414	15,439	15,667
Louisiana	115,837	129,982	1,359,221	123,166	116,055	112,583	108,898	117,620
Maine	4,996	5,901	51,778	4,287	4,387	4,935	3,664	3,887
Maryland	27,049	30,854	207,816	18,802	16,636	12,836	9,873	10,485
Massachusetts	47,203	50,813	433,991	35,848	31,121	30,340	26,010	32,327
Michigan	107,058	116,592	818,159	84,766	69,425	53,762	36,302	36,156
Minnesota	54,422	63,162	421,158	51,440	35,555	26,927	22,743	22,035
Mississippi	45,319	49,925	495,596	40,301	39,572	37,262	38,510	43,315
Missouri	32,646	40,928	261,286	29,348	20,880	12,965	11,718	13,856
Montana	7,104	9,033	66,892	9,354	7,757	4,598	2,957	3,616
Nebraska	15,949	19,501	154,040	17,031	13,642	10,124	8,592	9,676
Nevada	25,222	32,583	295,435	31,266	24,391	23,259	24,802	27,596
New Hampshire	4,402	5,907	68,596	5,388	6,039	4,639	4,925	5,571
New Jersey	80,721	95,484	739,413	62,020	55,589	45,099	45,046	45,019
New Mexico	15,046	19,076	154,611	18,986	14,137	10,476	9,852	12,012
New York	143,887	161,628	1,321,405	110,651	97,650	85,801	79,377	85,551
North Carolina	55,721	60,201	494,236	42,741	42,679	35,315	35,567	36,748
North Dakota	6,138	7,555	61,077	6,048	5,320	4,572	4,337	4,167
Ohio	114,118	133,657	936,649	87,464	73,041	55,112	45,403	47,860
Oklahoma	44,208	58,800	540,782	55,967	47,163	36,072	38,036	44,244
Oregon	22,413	27,111	230,032	28,028	24,915	18,501	18,115	17,525
Pennsylvania	112,651	127,137	1,038,320	93,466	84,267	76,095	64,808	71,126
Rhode Island	7,874	8,482	90,780	6,913	7,621	6,244	4,847	8,366
South Carolina	23,832	28,260	273,217	24,814	25,796	22,709	20,583	22,520
South Dakota	7,664	8,779	72,407	8,056	6,566	4,755	4,316	4,873
Tennessee	36,148	43,445	305,050	28,915	24,195	18,780	18,242	17,834
Texas	285,648	329,971	3,621,488	313,833	271,193	278,831	292,889	334,353
Utah	22,124	27,733	188,297	28,205	21,114	10,838	10,247	11,740
Vermont	1,490	1,730	11,814	1,173	1,028	876	566	544
Virginia	53,646	60,518	484,836	44,426	36,525	27,441	34,381	37,663
Washington	29,322	38,121	295,715	36,997	34,844	25,415	22,065	20,291
West Virginia	10,036	11,903	86,566	7,403	6,870	6,216	4,947	4,925
Wisconsin	57,711	66,495	454,356	49,559	38,829	29,255	23,459	23,143
Wyoming	7,543	8,665	73,433	9,372	7,474	5,109	4,558	4,418
<b>Total</b>	<b>2,454,291</b>	<b>2,875,986</b>	<b>24,989,285</b>	<b>2,389,902</b>	<b>2,064,029</b>	<b>1,804,380</b>	<b>1,723,960</b>	<b>1,867,936</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2015						
	July	June	May	April	March	February	January
Alabama	56,806	53,287	50,458	42,260	52,388	60,953	66,181
Alaska	3,917	4,014	4,742	5,893	7,926	7,753	8,828
Arizona	38,149	35,407	18,984	19,730	17,365	17,872	25,044
Arkansas	22,239	19,362	17,770	20,688	28,737	35,279	33,888
California	189,714	174,388	162,529	164,979	168,835	165,799	216,065
Colorado	18,580	17,982	21,759	24,301	31,835	37,360	46,190
Connecticut	16,781	14,703	15,300	20,226	27,426	28,813	32,005
Delaware	9,035	7,777	8,534	10,089	8,898	8,576	10,671
District of Columbia	1,044	1,143	1,250	1,942	4,299	5,596	6,278
Florida	123,817	118,863	114,992	112,873	101,420	90,983	98,429
Georgia	58,833	52,162	48,174	43,196	57,083	76,170	80,644
Hawaii	242	244	228	254	252	237	278
Idaho	6,406	7,050	6,441	6,581	6,953	7,453	11,961
Illinois	45,902	42,018	46,823	67,860	112,156	158,444	156,762
Indiana	43,055	41,480	45,248	52,110	77,653	96,065	94,388
Iowa	19,398	18,390	19,485	21,863	30,483	40,491	40,417
Kansas	17,013	13,538	13,073	14,411	21,436	29,406	31,757
Kentucky	16,776	14,264	14,583	17,071	25,999	36,558	33,156
Louisiana	117,126	112,809	111,508	105,050	107,330	108,488	118,589
Maine	3,233	2,782	3,029	4,061	5,879	5,345	6,290
Maryland	12,444	10,299	10,812	13,763	25,471	33,570	32,824
Massachusetts	31,968	24,702	26,798	32,698	48,538	56,909	56,732
Michigan	38,035	36,079	41,295	60,297	98,500	133,779	129,763
Minnesota	22,278	20,335	21,246	32,486	46,463	60,511	59,139
Mississippi	45,994	43,684	37,611	31,832	41,983	48,835	46,698
Missouri	14,620	12,508	11,082	18,030	33,837	42,310	40,132
Montana	2,777	2,995	4,065	4,610	6,990	7,852	9,322
Nebraska	10,980	9,350	9,783	10,964	13,898	19,657	20,344
Nevada	25,168	26,234	21,097	22,535	21,303	22,056	25,728
New Hampshire	5,202	4,693	5,019	5,347	6,981	6,673	8,118
New Jersey	47,893	41,009	44,959	59,283	91,613	101,480	100,401
New Mexico	11,096	10,345	9,324	11,408	13,473	15,205	18,296
New York	84,611	71,536	79,062	94,938	165,966	180,721	185,541
North Carolina	37,444	38,410	35,730	33,961	41,790	56,908	56,943
North Dakota	3,661	3,428	3,961	5,012	5,980	7,547	7,045
Ohio	49,234	48,812	51,753	71,031	120,107	144,778	142,053
Oklahoma	45,294	37,710	36,866	37,061	46,515	56,194	59,662
Oregon	18,144	16,432	14,732	17,588	16,876	15,831	23,345
Pennsylvania	71,941	64,046	61,527	76,893	115,060	128,927	130,164
Rhode Island	8,236	7,608	7,399	5,631	9,183	9,167	9,565
South Carolina	23,633	23,246	19,169	19,143	21,614	24,316	25,674
South Dakota	5,033	4,836	5,065	5,462	6,249	8,383	8,814
Tennessee	19,253	19,184	19,164	19,711	29,718	47,266	42,787
Texas	330,573	292,544	274,677	271,023	315,617	297,837	348,119
Utah	11,431	11,926	13,020	14,525	14,704	17,202	23,346
Vermont	587	569	500	895	1,493	1,748	1,836
Virginia	40,618	37,862	34,839	29,204	47,104	58,062	56,711
Washington	21,691	20,046	18,051	20,853	23,430	21,525	30,508
West Virginia	5,148	4,761	4,884	6,421	10,777	12,611	11,602
Wisconsin	24,913	22,226	24,965	33,066	50,434	68,372	66,135
Wyoming	4,709	4,830	5,393	5,824	6,520	6,818	8,407
<b>Total</b>	<b>1,882,675</b>	<b>1,723,906</b>	<b>1,678,755</b>	<b>1,826,933</b>	<b>2,392,542</b>	<b>2,730,693</b>	<b>2,903,574</b>

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

<sup>R</sup> Revised data.

<sup>NA</sup> 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							
	Total	December	November	October	September	August	July	June
Alabama	3.88	3.87	3.79	3.77	3.63	3.90	4.02	3.96
Alaska	NA	6.94	7.02	6.59	6.29	5.83	5.76	5.69
Arizona	4.36	4.36	5.06	3.87	3.93	4.01	4.14	4.14
Arkansas	4.70	3.79	4.56	5.40	6.30	6.67	6.72	6.85
California	3.45	3.66	3.24	2.95	3.09	3.22	3.47	3.55
Colorado	3.90	3.44	3.88	3.96	5.10	4.65	5.09	4.68
Connecticut	NA	NA	3.71	4.22	5.66	5.79	6.08	6.58
Delaware	NA	4.46	5.19	8.31	10.40	NA	10.42	9.94
District of Columbia	--	--	--	--	--	--	--	--
Florida	NA	NA	6.32	5.88	5.40	5.31	NA	NA
Georgia	4.16	3.91	3.80	4.11	4.23	4.07	4.21	4.28
Hawaii	16.62	17.11	18.23	16.69	17.18	17.63	16.17	15.06
Idaho	2.90	2.72	2.90	2.24	2.27	2.41	2.47	3.29
Illinois	NA	3.59	3.55	3.44	NA	NA	3.76	NA
Indiana	3.85	3.55	3.71	3.68	4.34	4.74	4.97	4.87
Iowa	NA	4.96	3.90	3.71	3.69	3.87	4.08	4.34
Kansas	4.49	3.83	4.26	5.08	6.26	5.72	5.37	6.24
Kentucky	NA	3.73	3.84	3.66	3.70	3.41	3.59	3.73
Louisiana	4.00	4.06	3.92	3.91	3.84	3.85	3.99	4.03
Maine	6.42	7.55	4.99	6.17	5.66	6.09	7.67	5.46
Maryland	4.75	4.20	4.27	5.37	6.72	6.85	6.87	7.29
Massachusetts	5.28	5.24	4.60	6.28	8.86	9.24	9.61	9.04
Michigan	3.57	3.56	3.47	3.35	3.10	3.09	3.10	3.35
Minnesota	4.28	5.71	3.93	3.46	4.14	4.33	4.46	4.49
Mississippi	NA	NA	4.55	NA	4.49	4.62	4.68	4.78
Missouri	4.63	3.73	4.11	5.05	7.09	7.68	7.26	7.15
Montana	3.22	3.20	3.22	2.47	2.35	3.41	2.90	3.30
Nebraska	NA	4.74	NA	4.50	4.63	4.45	4.17	5.07
Nevada	4.13	3.47	4.18	3.73	4.01	4.39	4.50	4.52
New Hampshire	NA	6.87	4.95	5.29	8.23	7.41	8.42	NA
New Jersey	NA	4.08	3.93	3.60	NA	4.37	4.61	4.73
New Mexico	NA	3.15	3.41	3.22	3.41	3.60	3.59	3.61
New York	4.30	3.93	4.17	5.11	6.96	7.11	7.39	7.18
North Carolina	NA	NA	3.54	4.41	5.09	5.41	5.83	5.87
North Dakota	4.28	4.36	4.17	4.23	4.38	4.03	3.92	4.35
Ohio	NA	NA	NA	NA	2.11	2.12	NA	NA
Oklahoma	NA	3.96	4.51	4.84	5.79	5.95	NA	5.90
Oregon	3.90	3.44	3.76	3.75	4.69	5.97	5.71	5.29
Pennsylvania	NA	3.49	NA	4.67	5.42	6.23	7.30	6.85
Rhode Island	2.22	2.22	2.20	2.21	2.29	2.34	2.37	2.41
South Carolina	NA	3.81	3.88	3.93	4.14	3.99	4.11	4.23
South Dakota	4.39	5.60	4.11	3.80	4.42	4.36	4.40	4.60
Tennessee	4.09	3.88	3.98	4.00	4.20	4.17	4.47	4.28
Texas	4.81	4.94	5.32	5.13	4.47	4.09	4.19	4.28
Utah	5.30	5.76	5.78	4.95	3.85	3.70	3.69	4.90
Vermont	NA	5.07	4.70	4.56	4.48	4.44	4.31	4.74
Virginia	NA	4.02	3.96	5.09	NA	NA	NA	NA
Washington	NA	3.21	3.32	NA	3.93	4.78	4.21	4.43
West Virginia	NA	3.52	3.61	3.88	5.10	NA	NA	6.40
Wisconsin	4.22	3.90	4.25	3.87	4.59	4.55	4.82	5.26
Wyoming	3.92	3.83	4.01	3.82	3.45	3.82	3.98	3.79
<b>Total</b>	<b>4.16</b>	<b>3.99</b>	<b>3.98</b>	<b>4.06</b>	<b>4.56</b>	<b>4.59</b>	<b>4.69</b>	<b>4.81</b>

See footnotes at end of table.

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

State	2017					2016		
	May	April	March	February	January	Total	December	November
Alabama	3.92	3.65	3.59	4.23	4.13	3.44	3.78	3.85
Alaska	6.02	6.96	7.42	7.54	NA	6.79	7.29	6.82
Arizona	3.75	3.98	4.95	4.71	4.37	4.07	4.74	4.91
Arkansas	5.73	5.83	4.35	4.37	4.17	4.29	3.83	4.37
California	3.38	3.31	3.15	3.59	3.87	2.96	3.64	3.30
Colorado	3.98	3.66	3.65	3.91	3.92	3.56	3.61	3.88
Connecticut	5.85	4.97	3.53	4.45	4.45	3.57	3.90	3.31
Delaware	7.65	NA	4.26	4.62	4.34	4.91	4.28	4.17
District of Columbia	--	--	--	--	--	--	--	--
Florida	NA	NA	NA	NA	NA	4.04	5.47	4.92
Georgia	4.22	4.29	3.72	4.43	4.69	3.67	4.08	4.04
Hawaii	16.46	16.05	17.38	16.20	15.34	13.81	14.75	12.93
Idaho	3.04	2.71	3.31	3.14	3.17	3.21	3.16	3.29
Illinois	3.48	4.15	4.06	3.56	3.95	3.38	3.63	3.38
Indiana	4.28	4.25	3.72	3.89	3.81	3.58	3.84	3.63
Iowa	NA	NA	4.08	4.42	4.51	3.77	4.04	4.14
Kansas	5.86	4.81	3.99	4.18	4.24	4.02	3.75	4.43
Kentucky	NA	4.46	NA	4.19	NA	3.35	3.77	3.53
Louisiana	4.08	3.94	3.96	4.37	3.91	3.65	4.18	4.23
Maine	5.00	5.30	5.54	7.58	7.36	6.41	6.33	6.25
Maryland	6.23	6.06	4.05	4.69	4.43	4.18	3.96	4.20
Massachusetts	6.38	5.46	4.06	4.53	4.66	4.49	4.61	4.16
Michigan	3.43	3.78	3.48	3.71	3.84	3.57	3.54	3.65
Minnesota	3.80	3.51	3.77	4.23	4.30	3.71	4.05	4.17
Mississippi	4.59	3.95	3.88	4.20	5.02	3.78	4.77	4.14
Missouri	5.86	5.15	4.07	4.45	4.21	4.22	3.96	4.31
Montana	3.61	3.47	3.54	3.56	3.14	3.05	2.87	3.17
Nebraska	4.20	4.02	3.87	4.71	4.30	3.75	3.67	3.99
Nevada	4.13	4.40	4.05	4.34	4.46	3.73	4.18	3.70
New Hampshire	5.50	4.64	4.37	NA	NA	5.30	5.32	4.60
New Jersey	4.56	4.26	4.32	4.48	4.52	3.93	4.14	3.94
New Mexico	3.43	3.31	NA	3.82	3.93	3.05	3.77	3.22
New York	6.00	4.23	3.27	3.64	3.85	3.57	3.85	3.42
North Carolina	5.28	4.91	3.36	3.72	3.87	3.44	3.72	3.33
North Dakota	3.99	4.11	3.88	4.53	4.58	3.88	4.10	4.64
Ohio	NA	NA	NA	4.41	4.02	3.27	3.62	3.43
Oklahoma	5.44	4.64	4.22	4.26	4.46	3.98	4.04	4.00
Oregon	4.56	3.90	3.59	3.59	3.69	4.15	3.77	4.03
Pennsylvania	5.37	5.07	3.86	4.20	4.07	3.72	3.72	4.08
Rhode Island	2.36	2.30	2.20	2.18	2.12	2.12	1.99	1.96
South Carolina	4.27	4.45	3.96	4.40	NA	3.64	4.44	3.66
South Dakota	3.77	3.90	3.79	4.38	4.35	3.65	3.92	4.25
Tennessee	4.18	4.36	3.91	4.16	4.24	3.42	3.73	3.90
Texas	4.59	4.43	4.85	5.14	5.28	4.09	5.36	5.10
Utah	4.79	4.78	5.94	5.97	5.37	5.15	5.35	5.00
Vermont	4.69	5.26	4.98	5.69	NA	5.13	5.11	4.74
Virginia	NA	5.59	3.98	4.07	3.90	3.99	3.68	3.87
Washington	4.26	3.64	3.04	3.47	NA	3.66	3.58	4.14
West Virginia	4.87	4.26	3.32	3.68	3.63	3.46	3.30	3.45
Wisconsin	4.24	4.08	3.82	4.39	4.46	3.81	3.88	4.23
Wyoming	3.24	3.71	3.89	4.23	4.27	3.53	4.00	3.48
<b>Total</b>	<b>4.41</b>	<b>4.19</b>	<b>3.84</b>	<b>4.13</b>	<b>4.21</b>	<b>3.71</b>	<b>3.96</b>	<b>3.90</b>

See footnotes at end of table.

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

State	2016							
	October	September	August	July	June	May	April	March
Alabama	4.20	3.89	3.89	3.89	3.34	2.99	2.90	3.00
Alaska	7.10	6.58	6.19	6.12	6.03	6.21	6.37	6.72
Arizona	4.09	3.92	3.86	4.05	3.31	2.77	3.03	4.85
Arkansas	6.02	5.69	6.22	6.68	6.16	4.79	4.60	4.53
California	3.51	3.56	3.29	3.34	2.52	2.49	2.25	2.30
Colorado	4.73	5.27	4.81	5.16	4.22	3.25	2.78	3.43
Connecticut	3.13	4.29	4.20	4.69	4.58	3.85	3.20	3.09
Delaware	6.15	8.20	8.50	8.77	8.53	6.24	5.03	4.70
District of Columbia	--	--	--	--	--	--	--	--
Florida	4.45	4.13	3.92	3.93	3.46	3.50	3.37	3.83
Georgia	4.26	4.30	4.01	4.32	3.44	3.37	3.19	3.21
Hawaii	15.07	14.06	13.33	13.54	17.26	16.20	14.19	13.19
Idaho	3.18	3.29	2.69	2.62	2.52	3.22	2.79	3.67
Illinois	4.25	5.19	4.66	4.25	3.72	3.10	3.39	3.33
Indiana	4.26	4.80	4.92	5.25	4.38	3.27	2.93	3.48
Iowa	4.18	4.47	3.91	3.94	3.67	3.01	3.46	3.70
Kansas	6.27	6.65	5.63	5.33	5.57	4.41	4.27	3.52
Kentucky	3.63	3.45	3.26	3.47	2.85	2.85	2.97	3.26
Louisiana	3.98	4.07	3.85	4.00	3.16	2.99	3.03	3.32
Maine	4.23	5.17	4.64	5.30	5.40	3.83	3.57	7.53
Maryland	5.42	7.54	7.65	8.57	7.14	4.57	3.89	4.34
Massachusetts	5.36	8.26	6.95	7.49	5.90	4.72	3.94	3.40
Michigan	3.53	3.35	3.08	3.19	2.76	2.87	2.91	3.90
Minnesota	3.71	4.38	4.28	3.88	3.49	2.98	2.94	3.77
Mississippi	4.17	3.90	3.79	4.04	3.46	3.19	3.36	3.18
Missouri	6.21	6.64	6.96	7.08	5.58	5.16	4.50	3.85
Montana	3.33	3.45	3.34	3.65	2.50	2.28	2.42	3.03
Nebraska	4.19	3.65	3.90	4.44	3.17	3.00	3.14	4.16
Nevada	4.10	4.45	4.76	4.50	3.74	3.19	3.16	3.18
New Hampshire	3.80	5.34	4.73	6.79	5.79	3.87	2.72	3.57
New Jersey	3.75	4.02	3.75	3.92	3.91	3.80	3.81	3.98
New Mexico	3.62	3.46	3.39	3.50	2.89	2.43	2.23	2.75
New York	3.61	6.30	6.85	6.58	5.65	4.26	3.03	2.84
North Carolina	4.43	4.76	4.83	5.28	4.38	3.71	3.21	3.10
North Dakota	4.51	4.52	4.18	4.36	2.83	2.71	2.97	3.65
Ohio	3.09	2.43	2.56	2.69	2.46	2.61	2.41	3.09
Oklahoma	5.03	5.29	5.39	5.51	4.77	3.83	3.73	3.58
Oregon	4.40	5.96	5.33	5.85	5.18	4.65	4.15	3.63
Pennsylvania	3.98	5.92	5.57	6.55	6.36	4.35	3.28	3.98
Rhode Island	1.96	2.01	2.03	2.06	2.05	2.09	2.14	2.22
South Carolina	4.01	3.94	3.75	3.87	3.43	3.08	3.37	3.41
South Dakota	4.20	4.73	4.82	4.47	3.06	2.28	2.47	3.40
Tennessee	4.26	3.99	3.64	3.88	3.19	3.01	2.97	3.11
Texas	4.93	4.16	4.00	3.94	3.41	3.20	3.20	3.60
Utah	4.82	3.86	3.24	3.37	3.58	4.60	4.63	6.06
Vermont	4.08	4.21	4.22	4.01	4.24	4.96	4.85	6.93
Virginia	5.37	6.50	7.04	6.25	6.42	4.38	3.92	3.72
Washington	4.20	4.85	4.35	4.56	3.57	3.85	3.43	3.12
West Virginia	3.73	5.14	5.08	5.59	4.62	3.41	3.18	3.26
Wisconsin	4.37	4.93	4.18	4.36	3.75	3.38	3.11	3.57
Wyoming	3.76	3.46	3.38	3.19	2.56	3.07	3.10	3.47
<b>Total</b>	<b>4.19</b>	<b>4.60</b>	<b>4.33</b>	<b>4.42</b>	<b>3.84</b>	<b>3.44</b>	<b>3.22</b>	<b>3.49</b>

See footnotes at end of table.

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

State	2016							2015
	February	January	Total	December	November	October	September	August
Alabama	3.18	3.22	3.91	3.27	3.61	3.83	3.81	4.04
Alaska	6.85	6.93	6.57	6.53	6.56	6.11	5.90	5.80
Arizona	4.60	3.64	4.38	3.65	4.42	4.25	4.48	4.53
Arkansas	3.76	3.43	4.77	4.00	4.16	5.63	5.58	6.92
California	2.65	2.72	3.27	3.02	3.08	3.32	3.42	3.55
Colorado	3.23	3.09	3.98	3.07	3.24	4.60	5.60	5.59
Connecticut	3.45	3.27	4.07	3.80	3.36	3.58	4.59	4.45
Delaware	3.84	3.81	5.87	4.98	5.14	6.54	10.35	10.03
District of Columbia	--	--	--	--	--	--	--	--
Florida	3.95	3.86	4.87	4.00	4.84	4.17	4.53	4.44
Georgia	3.25	3.35	3.83	3.51	3.37	3.80	4.14	4.16
Hawaii	10.52	10.93	18.11	14.81	14.92	14.59	15.38	17.72
Idaho	3.47	3.20	3.95	3.34	3.52	3.75	3.67	4.50
Illinois	2.79	3.12	3.82	3.43	3.17	3.61	4.91	4.75
Indiana	3.27	3.28	4.03	3.52	3.62	3.68	4.58	4.82
Iowa	3.57	3.61	4.29	3.79	3.81	3.58	4.62	4.61
Kansas	3.25	3.25	4.59	3.55	3.94	5.53	6.43	5.66
Kentucky	3.26	3.24	3.96	3.85	3.21	3.41	3.34	3.41
Louisiana	3.49	3.51	3.32	2.95	2.62	2.95	3.08	3.28
Maine	8.85	7.76	8.76	8.01	7.52	4.38	5.52	5.39
Maryland	3.52	3.30	5.01	5.19	4.26	4.07	7.19	8.89
Massachusetts	4.30	3.93	5.72	5.42	4.42	4.62	7.59	7.15
Michigan	3.84	3.80	4.23	3.95	3.87	3.65	3.60	3.82
Minnesota	3.65	3.43	4.39	3.65	4.06	3.51	4.49	4.52
Mississippi	3.85	3.28	3.86	4.29	3.02	3.68	3.64	3.82
Missouri	3.43	3.32	4.64	3.48	3.86	5.33	6.73	7.26
Montana	3.43	3.23	3.71	3.25	2.87	3.28	3.10	3.36
Nebraska	3.80	3.65	4.32	3.23	3.83	4.04	4.68	4.16
Nevada	3.56	3.38	4.06	3.15	3.57	4.40	4.38	4.64
New Hampshire	7.03	7.02	7.64	6.40	4.34	3.59	5.90	7.17
New Jersey	3.94	3.84	4.87	4.27	4.30	4.37	5.00	4.84
New Mexico	2.80	2.72	3.32	2.76	2.80	3.34	3.57	3.74
New York	2.92	2.62	4.15	3.56	3.54	4.57	7.12	7.07
North Carolina	2.87	2.98	3.81	3.10	2.79	3.88	4.43	4.68
North Dakota	3.84	3.76	4.46	3.94	4.16	4.58	5.00	4.32
Ohio	3.55	3.60	4.49	3.75	3.45	3.02	2.34	3.04
Oklahoma	3.69	3.62	4.59	3.86	4.22	5.28	5.45	5.43
Oregon	3.96	3.71	4.65	3.72	3.92	5.15	5.19	5.84
Pennsylvania	3.18	3.04	4.38	4.10	4.24	3.79	6.30	6.22
Rhode Island	2.24	2.23	3.14	2.21	2.22	2.24	2.31	2.41
South Carolina	3.27	3.42	3.90	3.48	3.20	3.56	4.01	3.96
South Dakota	3.49	3.65	4.16	4.01	4.19	4.60	4.72	4.44
Tennessee	3.14	3.21	4.06	3.45	3.49	3.80	4.03	4.00
Texas	3.87	3.79	4.19	4.37	3.90	4.17	3.73	3.86
Utah	6.05	5.61	5.70	5.96	4.84	5.49	4.18	3.96
Vermont	5.98	5.52	6.33	5.93	5.08	4.59	5.96	6.34
Virginia	3.31	3.40	4.87	4.36	4.07	4.75	5.61	7.36
Washington	3.63	3.21	4.42	3.46	3.51	4.25	5.08	5.84
West Virginia	3.38	3.13	4.00	3.63	3.57	3.60	4.77	4.72
Wisconsin	3.85	3.62	4.71	3.96	4.21	4.25	5.61	5.95
Wyoming	3.75	3.62	4.36	3.89	3.88	4.09	3.89	3.50
<b>Total</b>	<b>3.48</b>	<b>3.39</b>	<b>4.26</b>	<b>3.75</b>	<b>3.69</b>	<b>4.00</b>	<b>4.56</b>	<b>4.59</b>

See footnotes at end of table.

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

State	2015						
	July	June	May	April	March	February	January
Alabama	3.94	3.96	3.84	4.08	4.12	3.89	4.18
Alaska	5.60	5.61	5.80	6.22	6.86	7.21	7.43
Arizona	4.55	4.29	3.81	3.95	5.45	5.08	4.52
Arkansas	7.11	6.56	5.52	6.31	4.87	4.27	4.48
California	3.56	3.42	2.96	3.13	3.27	3.30	3.58
Colorado	5.33	5.20	4.22	4.11	4.45	4.24	3.92
Connecticut	4.58	4.58	4.49	3.28	3.89	4.50	4.26
Delaware	10.56	10.05	9.71	6.31	4.89	5.29	4.62
District of Columbia	--	--	--	--	--	--	--
Florida	4.87	5.12	4.85	5.24	6.30	5.25	5.33
Georgia	4.16	4.23	3.93	4.04	3.81	3.56	3.89
Hawaii	22.97	25.54	22.92	19.95	18.30	17.90	13.58
Idaho	4.65	3.99	3.81	3.42	4.86	4.66	4.27
Illinois	5.12	4.09	3.95	3.54	3.81	4.06	3.87
Indiana	4.57	4.61	4.26	3.55	4.23	4.09	4.23
Iowa	4.54	3.63	4.32	4.12	4.69	4.26	4.81
Kansas	5.39	6.04	5.72	3.64	4.35	4.25	5.27
Kentucky	3.44	3.97	3.78	3.75	4.24	4.04	4.48
Louisiana	3.48	3.22	3.04	3.08	3.69	3.86	4.15
Maine	9.76	7.37	7.25	6.30	9.28	11.79	10.83
Maryland	7.53	6.67	5.94	4.14	4.40	5.60	4.61
Massachusetts	7.30	6.25	6.74	3.93	4.96	7.43	5.44
Michigan	3.82	3.92	3.71	3.84	4.38	4.55	4.63
Minnesota	4.68	4.29	3.66	3.83	5.36	4.69	4.72
Mississippi	3.81	3.83	3.64	3.46	4.07	3.63	4.37
Missouri	7.35	6.97	6.51	5.47	4.50	4.24	4.41
Montana	3.43	3.24	3.56	3.44	4.54	4.34	4.53
Nebraska	4.11	3.65	4.71	3.93	4.87	4.29	5.19
Nevada	4.53	4.15	3.89	3.95	4.70	4.79	4.49
New Hampshire	7.87	9.74	5.52	4.46	6.46	10.71	10.03
New Jersey	4.70	4.78	4.73	4.48	5.09	5.64	4.66
New Mexico	3.64	3.55	3.17	3.56	3.77	3.56	3.62
New York	7.01	6.26	5.72	2.94	3.19	4.43	3.84
North Carolina	4.64	4.62	4.46	4.05	3.71	3.87	3.90
North Dakota	3.56	3.59	3.46	4.08	4.85	4.77	5.03
Ohio	3.24	3.98	4.21	4.51	4.79	4.78	4.83
Oklahoma	5.17	4.82	4.23	4.34	4.46	4.44	5.21
Oregon	6.30	5.36	5.37	4.68	4.83	4.84	4.67
Pennsylvania	5.85	5.60	6.65	4.51	4.28	4.10	4.30
Rhode Island	2.52	2.66	2.83	3.09	3.59	3.63	3.61
South Carolina	3.97	4.07	4.09	4.11	4.11	4.02	4.23
South Dakota	4.11	3.81	3.01	3.21	4.02	4.46	4.57
Tennessee	4.12	4.14	4.60	3.95	4.32	4.17	4.30
Texas	3.94	3.71	3.58	3.74	4.17	4.31	4.93
Utah	4.34	3.99	5.69	5.99	6.40	6.81	6.35
Vermont	6.39	7.22	8.35	6.55	6.62	6.84	6.59
Virginia	7.00	6.62	6.69	4.52	4.01	5.33	4.56
Washington	5.29	5.24	5.10	4.19	4.96	4.89	4.79
West Virginia	5.37	4.49	4.06	3.62	3.99	4.04	4.13
Wisconsin	5.68	5.79	4.47	4.10	4.98	4.76	5.01
Wyoming	3.06	3.55	4.32	4.31	4.67	4.95	5.52
<b>Total</b>	<b>4.65</b>	<b>4.44</b>	<b>4.25</b>	<b>3.93</b>	<b>4.35</b>	<b>4.57</b>	<b>4.48</b>

<sup>R</sup> Revised data.

-- Not applicable.

<sup>NA</sup> 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							
	Total	December	November	October	September	August	July	June
Alabama	16.34	14.94	17.22	22.49	22.98	23.31	22.48	21.45
Alaska	10.52	10.67	10.66	11.18	12.14	13.40	13.73	12.79
Arizona	NA	14.37	17.47	20.02	22.16	23.32	22.64	20.40
Arkansas	12.97	11.81	12.81	19.53	20.37	21.40	20.16	18.26
California	12.51	11.78	11.42	12.11	12.29	12.54	12.56	13.16
Colorado	8.07	6.83	7.38	8.43	12.15	13.77	14.69	12.66
Connecticut	13.96	11.95	13.43	19.85	21.76	22.67	22.06	18.84
Delaware	NA	12.40	14.29	21.98	NA	24.57	22.77	18.79
District of Columbia	NA	11.37	13.75	19.76	20.23	NA	19.00	17.71
Florida	NA	19.60	22.32	24.82	NA	26.45	25.25	23.91
Georgia	18.18	12.06	15.46	23.69	33.30	34.71	34.82	31.71
Hawaii	38.88	39.57	39.91	39.77	39.98	40.28	39.99	37.63
Idaho	7.61	6.79	7.12	7.39	9.42	10.82	11.21	10.41
Illinois	NA	6.75	7.40	10.40	16.65	NA	16.75	15.18
Indiana	NA	6.55	7.77	10.46	17.62	NA	20.05	19.13
Iowa	NA	8.56	9.73	13.43	NA	17.45	17.73	15.03
Kansas	NA	9.17	NA	14.44	21.40	22.95	22.06	19.78
Kentucky	11.74	9.13	10.76	14.95	22.77	25.06	24.75	24.23
Louisiana	13.13	10.83	13.34	16.63	16.60	17.42	16.56	15.53
Maine	14.61	13.59	14.14	18.92	23.14	24.48	23.46	17.86
Maryland	NA	11.43	12.42	NA	20.03	22.15	20.74	NA
Massachusetts	13.29	13.75	12.72	12.24	15.42	15.92	15.43	13.45
Michigan	8.32	7.25	7.61	9.44	12.11	13.70	14.37	13.16
Minnesota	NA	NA	7.81	9.01	12.06	13.53	13.49	12.60
Mississippi	11.93	9.80	11.50	16.59	18.15	18.22	17.56	16.25
Missouri	11.77	9.86	12.26	22.34	25.33	27.72	26.48	21.51
Montana	7.62	7.42	7.47	8.21	10.53	11.64	10.99	9.59
Nebraska	9.07	7.96	8.75	14.24	17.29	17.64	16.90	14.24
Nevada	8.82	8.26	9.97	11.06	12.81	14.10	13.23	11.62
New Hampshire	14.55	14.36	16.92	22.75	24.80	25.25	22.46	16.35
New Jersey	9.28	9.56	10.03	11.28	11.59	12.11	11.89	10.31
New Mexico	NA	7.86	NA	12.56	14.53	15.40	14.74	12.43
New York	NA	10.43	12.98	NA	17.98	18.91	19.01	16.16
North Carolina	NA	10.79	12.04	19.83	23.08	23.35	22.69	22.62
North Dakota	NA	6.06	6.48	9.11	15.63	20.51	21.86	19.62
Ohio	NA	7.01	8.83	15.26	23.50	27.41	26.48	23.74
Oklahoma	11.39	8.64	11.13	24.50	26.66	29.02	25.88	21.81
Oregon	10.75	9.92	10.59	11.34	14.91	16.94	15.65	14.51
Pennsylvania	NA	10.40	11.36	NA	17.52	20.08	19.38	16.82
Rhode Island	14.02	14.01	15.34	19.30	19.93	20.19	19.15	16.38
South Carolina	NA	11.52	12.88	19.43	25.13	NA	24.78	24.43
South Dakota	NA	7.60	7.72	11.09	NA	14.72	14.62	12.10
Tennessee	10.46	8.78	10.46	16.22	17.42	19.61	18.95	17.12
Texas	13.80	12.09	14.58	20.96	22.10	23.75	21.25	18.83
Utah	9.06	9.76	9.15	8.22	10.38	11.22	10.88	9.56
Vermont	14.00	13.11	15.30	19.67	20.96	22.20	21.43	17.88
Virginia	NA	10.88	12.28	NA	21.38	22.75	21.46	19.19
Washington	10.61	9.65	10.22	10.91	13.81	16.04	15.37	14.64
West Virginia	NA	8.98	9.39	11.23	14.13	17.47	NA	17.59
Wisconsin	8.40	7.51	7.87	9.12	13.59	14.32	15.04	12.99
Wyoming	9.00	7.96	8.44	9.54	15.04	17.84	17.24	12.39
<b>Total</b>	<b>10.98</b>	<b>9.33</b>	<b>10.26</b>	<b>13.50</b>	<b>17.01</b>	<b>18.32</b>	<b>17.96</b>	<b>16.13</b>

See footnotes at end of table.

Table 20. Average price of natural gas sold to residential consumers, by state, 2015-2017

(dollars per thousand cubic feet) – continued

State	2017					2016		
	May	April	March	February	January	Total	December	November
Alabama	20.87	16.43	14.73	14.90	13.70	14.05	14.28	19.09
Alaska	11.00	10.23	9.58	9.62	9.45	9.81	9.51	9.73
Arizona	18.12	16.75	15.26	NA	12.65	15.28	12.70	15.69
Arkansas	15.66	14.03	12.53	11.82	10.41	11.17	10.66	17.46
California	12.98	12.52	12.42	12.67	13.11	11.84	13.08	12.33
Colorado	9.16	8.03	7.91	7.44	6.85	7.35	6.46	7.38
Connecticut	16.63	13.82	12.31	13.19	12.40	12.91	11.73	13.29
Delaware	15.97	12.03	11.30	11.01	10.61	11.88	11.38	13.77
District of Columbia	16.99	12.85	12.22	11.43	11.44	10.90	10.62	13.28
Florida	22.09	19.68	19.34	18.30	17.63	20.27	19.10	23.55
Georgia	29.43	19.56	14.71	14.58	12.72	14.56	11.96	16.02
Hawaii	39.21	38.06	38.69	37.91	36.66	36.48	37.57	34.17
Idaho	8.28	7.98	8.04	7.50	7.20	8.14	7.22	7.37
Illinois	11.01	10.13	7.87	8.32	7.51	7.88	6.74	8.71
Indiana	11.68	11.66	7.73	8.63	7.67	7.92	6.41	8.48
Iowa	10.88	8.99	7.75	8.02	7.65	8.13	6.93	10.22
Kansas	NA	13.06	10.18	10.00	8.64	9.85	8.62	9.29
Kentucky	18.26	13.84	10.50	10.99	9.33	10.14	8.65	11.45
Louisiana	14.99	13.65	12.80	12.38	10.96	11.32	11.00	14.93
Maine	14.97	14.11	13.03	13.70	13.71	13.82	12.87	13.30
Maryland	16.95	14.99	11.14	12.57	11.64	11.53	10.84	13.22
Massachusetts	13.60	13.19	12.88	13.09	12.89	12.46	13.15	13.27
Michigan	9.83	9.16	7.72	7.93	7.54	8.21	7.35	7.98
Minnesota	9.79	8.52	7.70	8.14	8.13	8.01	7.31	7.98
Mississippi	15.14	12.93	10.73	10.77	10.10	10.06	8.87	13.44
Missouri	15.45	12.34	10.48	9.32	8.27	10.94	9.09	15.25
Montana	8.08	7.51	7.38	7.29	6.73	7.27	6.74	7.37
Nebraska	10.43	8.76	7.92	7.98	7.42	8.01	7.05	10.07
Nevada	10.63	8.99	7.76	7.10	6.96	10.23	7.57	9.70
New Hampshire	14.31	12.22	12.75	13.60	13.26	14.25	14.19	14.97
New Jersey	9.68	8.33	8.67	8.51	8.72	8.30	8.75	9.37
New Mexico	10.19	8.81	7.87	7.97	7.67	8.05	7.64	10.06
New York	14.38	11.04	10.76	10.98	9.81	10.84	9.61	10.95
North Carolina	19.47	NA	NA	13.85	11.78	11.31	10.61	11.89
North Dakota	NA	7.60	6.47	6.80	5.94	7.21	5.68	6.96
Ohio	NA	10.31	7.77	8.19	7.16	9.03	7.80	10.00
Oklahoma	15.88	13.15	10.27	8.77	7.12	10.57	8.37	18.86
Oregon	12.41	11.15	10.83	10.04	9.30	11.67	9.34	11.37
Pennsylvania	13.15	11.71	10.35	10.35	NA	10.18	9.21	10.62
Rhode Island	15.11	13.18	12.79	12.72	12.58	13.80	13.03	14.27
South Carolina	22.07	17.21	11.84	15.11	13.46	12.62	11.62	13.55
South Dakota	9.12	7.78	7.51	7.86	6.93	7.60	6.73	9.58
Tennessee	14.34	11.11	9.75	9.41	8.67	9.21	8.78	12.18
Texas	17.36	15.84	12.44	10.77	9.71	11.73	10.84	18.66
Utah	8.36	9.15	9.18	8.79	8.40	9.12	8.99	9.91
Vermont	14.90	12.83	12.42	12.37	12.69	14.15	13.13	14.31
Virginia	NA	14.00	NA	12.17	10.49	10.88	10.16	12.69
Washington	12.02	10.66	10.23	10.03	9.75	10.78	10.06	11.05
West Virginia	11.54	9.53	8.45	8.37	8.17	9.26	8.22	8.92
Wisconsin	8.99	9.03	7.49	7.56	8.05	8.07	7.41	8.25
Wyoming	10.06	9.31	8.50	8.08	7.50	8.51	7.32	8.77
<b>Total</b>	<b>13.32</b>	<b>11.38</b>	<b>9.90</b>	<b>10.07</b>	<b>9.38</b>	<b>10.05</b>	<b>9.06</b>	<b>10.77</b>

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							
	October	September	August	July	June	May	April	March
Alabama	21.22	21.14	21.27	20.57	19.31	17.16	14.45	12.16
Alaska	10.07	11.34	12.66	12.98	12.14	10.41	9.63	9.09
Arizona	18.72	20.81	22.42	21.61	19.59	17.54	16.63	18.16
Arkansas	18.13	18.76	18.56	16.74	15.32	13.66	10.84	10.27
California	13.31	13.26	12.82	11.90	11.31	11.45	10.44	10.54
Colorado	9.71	12.07	14.22	13.96	12.46	7.07	6.84	6.68
Connecticut	16.63	22.19	24.07	21.76	19.19	15.04	12.88	11.74
Delaware	19.82	22.52	24.25	21.38	17.57	13.46	11.49	10.26
District of Columbia	12.53	18.63	19.25	17.60	14.70	12.03	10.10	10.27
Florida	26.53	25.75	26.80	26.17	23.35	21.72	20.29	17.88
Georgia	24.58	26.17	25.18	25.15	23.87	19.44	15.76	12.50
Hawaii	37.56	35.43	34.94	34.84	42.65	39.99	36.94	37.08
Idaho	8.24	9.49	10.16	9.88	9.80	9.21	8.94	8.79
Illinois	12.16	16.72	17.33	16.49	12.62	10.48	7.53	7.08
Indiana	11.92	17.65	18.47	18.89	16.47	10.09	7.76	8.07
Iowa	14.77	16.31	17.64	16.05	13.28	8.74	7.53	7.33
Kansas	18.34	19.96	21.74	20.13	18.92	13.42	11.08	9.43
Kentucky	19.46	22.92	24.45	23.07	20.15	14.84	10.32	8.75
Louisiana	16.22	15.84	16.62	15.93	13.87	13.13	11.10	10.30
Maine	15.75	21.33	22.79	21.88	17.99	13.46	12.56	12.97
Maryland	17.39	20.27	20.97	19.83	15.79	12.44	11.30	10.85
Massachusetts	13.70	14.97	15.22	14.42	12.73	12.35	11.91	11.60
Michigan	9.39	12.85	14.65	13.51	13.02	9.65	7.84	7.82
Minnesota	9.51	13.20	13.37	13.50	11.71	9.87	7.62	7.66
Mississippi	15.88	15.19	15.99	15.67	13.92	12.95	10.76	9.02
Missouri	21.71	24.01	26.41	24.86	19.73	15.60	11.32	9.32
Montana	7.93	10.06	11.11	10.33	8.36	7.19	6.77	7.02
Nebraska	13.31	15.73	16.13	15.03	12.37	9.25	7.63	7.02
Nevada	11.49	13.81	14.42	14.63	12.99	11.92	11.25	10.84
New Hampshire	19.46	24.66	24.61	23.02	18.19	13.97	12.22	11.76
New Jersey	10.25	11.74	12.12	11.33	10.64	9.37	8.86	8.12
New Mexico	12.56	14.49	15.18	13.85	11.38	8.73	7.48	7.06
New York	14.87	17.33	17.85	16.64	14.69	10.99	9.88	9.65
North Carolina	18.54	21.70	21.26	22.51	19.62	16.42	13.11	12.62
North Dakota	8.49	16.28	20.06	20.50	19.20	9.52	6.90	6.30
Ohio	18.54	25.79	26.95	25.16	19.01	11.57	7.94	7.07
Oklahoma	24.82	26.09	28.99	24.71	19.80	16.73	10.96	8.92
Oregon	11.81	14.32	16.61	16.56	15.90	15.29	13.81	12.08
Pennsylvania	13.58	18.88	19.48	18.34	15.62	11.38	9.91	9.51
Rhode Island	17.92	20.26	20.37	19.20	16.89	14.49	13.42	12.64
South Carolina	22.15	25.25	25.55	26.86	24.09	18.62	15.18	13.47
South Dakota	10.46	13.36	14.15	13.48	11.34	7.74	6.87	7.14
Tennessee	17.97	17.59	18.95	17.12	14.81	12.59	9.53	7.88
Texas	20.34	21.23	22.99	19.53	16.71	16.50	11.75	10.12
Utah	9.23	10.12	10.76	10.67	9.81	8.89	8.96	9.51
Vermont	18.75	22.57	23.02	21.11	18.40	14.26	13.30	12.66
Virginia	16.02	20.91	20.99	19.60	15.27	12.49	10.47	10.04
Washington	11.53	13.92	16.14	15.24	13.58	11.62	10.55	10.34
West Virginia	11.65	16.69	18.41	17.03	15.58	11.72	9.36	8.82
Wisconsin	9.19	14.28	15.04	14.30	10.56	8.63	7.57	7.39
Wyoming	10.25	15.68	16.54	16.97	11.27	8.49	8.24	7.61
<b>Total</b>	<b>13.74</b>	<b>16.78</b>	<b>17.60</b>	<b>16.55</b>	<b>14.43</b>	<b>11.62</b>	<b>9.65</b>	<b>9.19</b>

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	
	February	January	Total	December	November	October	September	August
Alabama	11.26	12.15	14.13	14.47	17.89	19.36	20.73	20.85
Alaska	8.99	8.87	9.64	8.76	8.86	9.40	9.81	11.41
Arizona	13.91	12.06	17.04	12.75	14.57	20.78	23.01	24.01
Arkansas	9.01	9.49	11.58	10.47	13.97	17.62	18.97	19.43
California	11.46	11.39	11.39	11.38	10.31	11.54	11.92	11.86
Colorado	6.45	6.07	8.27	6.48	6.92	9.31	13.17	13.68
Connecticut	10.67	10.34	12.50	11.84	12.53	15.33	21.54	19.36
Delaware	9.73	10.11	12.62	11.09	14.03	18.50	23.22	23.75
District of Columbia	9.12	9.53	11.98	10.25	12.06	15.52	17.40	17.38
Florida	15.31	16.52	19.34	19.22	21.63	23.45	24.50	24.67
Georgia	10.56	10.40	14.62	13.97	14.73	19.81	24.96	24.03
Hawaii	33.73	33.45	40.08	38.28	38.53	37.46	36.41	37.50
Idaho	8.23	8.00	8.59	7.87	7.71	8.90	9.53	10.93
Illinois	6.30	5.83	7.97	6.30	7.13	9.70	15.39	16.41
Indiana	6.41	6.01	8.92	6.93	7.34	9.29	15.25	17.74
Iowa	6.52	6.53	8.51	7.31	8.43	13.18	16.44	17.39
Kansas	7.89	7.27	10.17	7.79	7.97	14.33	19.63	20.73
Kentucky	7.61	7.85	10.87	9.35	10.99	16.11	21.00	22.21
Louisiana	8.52	9.23	10.77	10.76	13.65	14.88	15.65	16.29
Maine	13.07	13.19	16.79	13.17	12.75	15.03	21.77	22.85
Maryland	9.30	9.78	12.03	13.09	12.69	13.48	19.36	19.04
Massachusetts	11.97	11.88	13.02	12.69	11.18	10.75	13.26	13.82
Michigan	7.61	7.29	8.81	7.57	7.91	8.96	13.26	13.57
Minnesota	7.12	7.05	8.79	7.12	7.67	9.27	12.68	12.93
Mississippi	7.96	8.43	9.70	9.70	12.11	13.94	15.36	15.79
Missouri	8.13	7.99	11.60	9.51	13.97	20.52	23.90	25.52
Montana	6.90	6.81	8.21	6.81	7.35	9.01	11.04	11.79
Nebraska	6.52	6.45	8.86	6.83	9.43	13.81	15.57	15.66
Nevada	9.75	9.12	11.82	8.96	10.80	14.95	16.14	16.41
New Hampshire	12.70	14.05	16.18	15.06	14.11	17.88	22.91	22.68
New Jersey	6.79	6.48	8.32	7.80	9.03	10.24	12.30	12.42
New Mexico	6.44	6.35	8.63	6.76	8.27	13.08	14.85	14.92
New York	9.45	10.31	11.20	11.43	12.26	14.24	17.50	17.30
North Carolina	9.06	8.76	11.57	12.87	12.15	14.61	21.77	21.94
North Dakota	5.60	5.49	8.15	5.60	6.56	9.57	16.93	19.37
Ohio	6.37	6.42	9.51	7.41	9.69	15.37	24.33	25.48
Oklahoma	6.81	6.53	10.24	7.34	14.37	23.34	25.17	26.60
Oregon	11.97	10.36	12.49	10.90	12.75	13.61	14.52	17.18
Pennsylvania	8.64	8.75	11.04	9.82	10.53	12.23	18.26	18.56
Rhode Island	12.35	12.73	14.24	13.49	15.48	19.04	21.00	20.94
South Carolina	9.75	9.04	12.62	15.32	14.87	16.32	23.88	22.71
South Dakota	6.59	6.29	8.30	6.63	8.04	10.43	14.36	14.99
Tennessee	7.27	7.40	9.62	9.22	11.74	14.40	17.34	19.64
Texas	7.87	7.85	10.64	9.33	15.52	19.22	20.94	21.12
Utah	8.79	8.59	9.72	8.75	9.22	10.85	10.89	10.84
Vermont	12.53	13.24	14.56	13.84	14.89	18.41	23.16	23.04
Virginia	8.63	9.30	11.64	12.14	11.77	15.88	19.54	21.20
Washington	9.90	9.53	11.81	9.75	9.88	13.01	14.49	17.18
West Virginia	8.31	8.31	10.48	8.86	9.62	12.22	17.56	19.08
Wisconsin	7.24	7.46	8.54	7.46	7.98	8.51	12.94	14.20
Wyoming	7.62	7.33	9.33	7.05	8.44	12.66	15.66	16.07
<b>Total</b>	<b>8.36</b>	<b>8.28</b>	<b>10.38</b>	<b>9.27</b>	<b>10.02</b>	<b>12.60</b>	<b>16.40</b>	<b>16.88</b>

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						
	July	June	May	April	March	February	January
Alabama	20.60	19.60	17.89	15.36	12.15	12.21	12.79
Alaska	11.66	11.29	10.87	10.03	9.68	9.64	9.51
Arizona	23.60	21.53	19.21	18.94	18.94	18.88	14.36
Arkansas	17.75	16.15	13.90	11.66	9.98	10.90	10.65
California	11.69	11.73	11.35	10.93	11.29	11.53	11.68
Colorado	14.38	11.28	9.25	8.07	8.50	7.97	8.05
Connecticut	18.26	17.41	14.40	12.54	11.00	11.10	11.67
Delaware	21.80	20.74	16.05	12.74	11.27	11.33	11.23
District of Columbia	16.93	16.63	14.34	12.16	11.94	10.50	11.34
Florida	24.40	22.66	21.30	18.82	16.23	15.98	16.65
Georgia	24.71	23.63	19.84	15.91	12.21	11.05	11.66
Hawaii	45.21	48.71	45.31	40.85	39.78	38.87	35.07
Idaho	10.69	10.08	9.21	8.86	9.12	8.79	8.64
Illinois	15.14	13.63	11.47	8.42	7.45	6.46	7.30
Indiana	17.99	17.88	13.44	10.66	9.24	7.55	8.13
Iowa	15.71	13.01	10.07	8.50	7.75	7.14	7.52
Kansas	19.33	17.65	14.49	13.64	9.74	8.59	9.19
Kentucky	23.11	21.52	17.11	12.94	8.96	8.92	9.48
Louisiana	15.26	14.79	13.38	11.12	8.71	9.09	9.22
Maine	20.77	17.13	16.58	17.33	17.52	17.45	17.91
Maryland	18.40	18.32	16.78	11.48	10.71	10.10	11.18
Massachusetts	13.29	12.18	12.74	12.71	12.44	13.59	14.51
Michigan	13.69	12.54	10.54	8.89	8.37	8.39	8.61
Minnesota	13.22	13.46	10.59	8.85	9.45	8.23	8.56
Mississippi	14.84	14.40	12.92	10.53	8.23	8.25	8.14
Missouri	24.26	20.80	17.02	12.66	9.26	9.63	9.46
Montana	11.68	10.00	8.43	8.20	8.01	8.16	8.33
Nebraska	14.76	12.18	10.32	9.15	7.91	7.89	8.31
Nevada	16.72	15.51	14.34	13.30	11.84	11.40	10.42
New Hampshire	19.23	16.48	15.12	15.10	15.33	16.20	17.43
New Jersey	11.96	11.35	9.56	7.33	7.49	7.82	7.81
New Mexico	14.55	11.79	9.92	8.92	7.56	7.37	8.05
New York	17.09	16.26	12.68	10.19	9.34	9.79	10.51
North Carolina	21.14	20.97	17.62	14.25	10.08	8.93	10.05
North Dakota	21.03	17.34	10.19	8.59	7.52	7.02	7.85
Ohio	23.85	19.97	13.51	9.15	7.77	7.54	7.91
Oklahoma	23.07	19.17	15.76	12.21	7.52	8.07	7.83
Oregon	16.28	15.62	14.07	11.84	13.30	12.43	11.23
Pennsylvania	17.77	15.77	13.63	10.81	10.03	10.31	10.53
Rhode Island	19.74	17.85	15.79	13.88	13.07	12.93	13.23
South Carolina	24.58	24.51	21.17	16.87	10.64	8.81	10.17
South Dakota	14.53	12.35	9.18	8.46	8.04	7.58	7.71
Tennessee	17.60	16.14	14.17	10.41	7.57	8.47	8.72
Texas	18.29	16.60	15.80	11.62	7.94	7.96	8.65
Utah	10.69	9.90	9.54	9.98	9.99	10.40	9.44
Vermont	21.69	19.41	15.81	13.73	13.09	13.00	13.79
Virginia	20.34	19.54	15.69	11.62	10.17	9.31	10.81
Washington	16.99	16.73	14.23	12.22	12.06	11.83	11.46
West Virginia	19.83	17.05	12.88	10.93	9.90	9.79	9.80
Wisconsin	13.41	13.24	9.38	6.93	8.38	8.11	8.60
Wyoming	15.70	11.34	9.65	9.49	8.78	8.98	8.77
<b>Total</b>	<b>16.28</b>	<b>15.07</b>	<b>12.73</b>	<b>10.43</b>	<b>9.28</b>	<b>9.08</b>	<b>9.50</b>

<sup>R</sup> Revised data.

<sup>NA</sup> 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							
	Total	December	November	October	September	August	July	June
Alabama	12.20	12.00	12.36	12.79	13.19	13.27	13.31	12.98
Alaska	9.91	10.00	10.12	10.46	11.13	11.63	11.76	11.15
Arizona	8.89	9.10	9.36	9.32	9.27	9.42	9.14	8.95
Arkansas	NA	8.37	8.59	NA	8.72	9.28	9.31	9.20
California	8.77	8.65	8.01	7.79	7.96	8.32	8.41	8.76
Colorado	7.16	6.61	6.86	7.24	9.21	9.15	9.52	9.00
Connecticut	9.30	7.97	8.72	10.64	10.73	11.17	10.99	10.70
Delaware	NA	10.57	11.11	12.79	NA	13.67	13.06	11.92
District of Columbia	11.42	10.83	11.55	11.70	11.91	12.71	12.49	12.88
Florida	NA	11.05	11.26	11.24	NA	NA	11.06	11.15
Georgia	8.76	8.11	8.51	9.01	9.31	9.68	9.34	9.77
Hawaii	29.62	30.53	30.74	29.58	30.32	30.86	29.57	28.42
Idaho	6.59	6.19	6.27	6.25	7.13	7.15	7.60	7.44
Illinois	7.80	6.18	6.61	7.92	12.11	13.63	12.46	12.55
Indiana	7.56	5.95	6.81	7.31	10.00	11.66	11.40	11.52
Iowa	6.93	7.01	6.56	6.58	9.13	9.36	9.64	9.05
Kansas	NA	8.45	8.21	10.22	14.29	13.51	13.75	13.21
Kentucky	9.20	7.87	8.84	10.31	12.01	13.01	12.18	12.73
Louisiana	NA	9.01	8.85	8.72	8.78	8.76	8.82	8.86
Maine	11.32	11.35	10.74	11.57	12.32	12.77	13.05	11.41
Maryland	NA	9.47	10.15	12.15	12.69	12.46	NA	12.60
Massachusetts	NA	10.58	9.53	NA	9.86	10.08	10.10	9.11
Michigan	6.97	6.36	6.57	7.53	8.42	9.59	9.12	8.94
Minnesota	6.82	6.55	6.26	6.50	7.47	8.12	7.75	8.14
Mississippi	9.04	8.79	8.94	8.87	9.47	8.90	8.91	8.67
Missouri	8.48	8.20	9.23	10.60	10.70	11.24	11.07	9.84
Montana	7.42	7.40	7.25	7.73	8.82	9.68	9.65	8.85
Nebraska	6.46	6.27	6.17	6.56	6.86	7.02	7.17	6.63
Nevada	5.71	6.06	6.40	6.48	6.50	6.75	6.40	5.90
New Hampshire	11.71	11.83	12.78	15.10	16.06	16.06	15.28	12.45
New Jersey	9.05	9.17	9.37	9.01	8.54	9.37	9.74	8.79
New Mexico	NA	6.11	NA	NA	7.31	7.33	7.46	6.98
New York	6.79	6.86	6.58	6.44	5.96	5.89	6.56	6.80
North Carolina	NA	NA	8.73	9.02	9.25	9.07	8.82	NA
North Dakota	5.99	5.88	5.66	5.91	6.46	7.13	7.63	7.55
Ohio	6.19	5.37	5.55	6.63	7.53	7.91	7.84	7.84
Oklahoma	8.55	6.97	8.74	14.90	15.36	16.26	15.05	13.48
Oregon	8.88	8.41	8.70	8.98	9.99	10.60	10.20	10.35
Pennsylvania	NA	8.77	8.82	10.38	11.14	11.58	11.99	11.65
Rhode Island	11.30	11.35	12.45	15.04	15.45	15.73	15.38	13.10
South Carolina	9.35	9.49	9.35	8.60	9.10	8.90	9.09	8.99
South Dakota	6.31	6.80	6.02	6.01	7.57	7.74	7.69	7.47
Tennessee	8.83	8.33	8.90	9.57	9.48	9.75	9.64	9.50
Texas	NA	7.85	7.80	8.30	8.44	8.46	8.27	7.78
Utah	7.40	8.26	7.34	6.44	7.07	7.40	7.28	6.83
Vermont	NA	7.19	6.17	6.07	6.04	6.05	6.29	NA
Virginia	NA	7.96	8.32	NA	NA	9.31	9.07	9.51
Washington	NA	7.87	8.08	8.28	9.07	9.78	9.40	NA
West Virginia	7.60	7.60	7.80	8.51	8.87	9.31	9.48	9.42
Wisconsin	6.60	6.54	6.49	5.83	6.92	6.85	7.02	6.68
Wyoming	6.92	6.61	6.74	6.95	7.41	7.45	7.65	7.41
<b>Total</b>	<b>7.89</b>	<b>7.44</b>	<b>7.53</b>	<b>7.96</b>	<b>8.48</b>	<b>8.76</b>	<b>8.82</b>	<b>8.76</b>

See footnotes at end of table.

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

State	2017					2016		
	May	April	March	February	January	Total	December	November
Alabama	12.91	12.35	11.66	11.52	11.31	10.65	11.12	12.08
Alaska	9.86	9.51	9.23	9.29	9.27	8.34	8.75	8.68
Arizona	8.88	9.02	8.87	8.26	8.22	8.83	8.03	8.22
Arkansas	8.83	8.60	8.29	8.16	7.63	7.14	7.59	8.63
California	8.70	8.83	9.49	9.35	9.62	8.42	9.96	9.28
Colorado	7.27	6.97	7.09	6.91	6.56	6.42	6.17	6.61
Connecticut	10.75	9.25	8.33	9.52	8.62	8.79	7.92	8.60
Delaware	11.18	10.15	9.97	9.82	9.64	9.58	9.88	10.36
District of Columbia	12.15	11.60	11.58	11.16	9.92	9.88	9.85	11.59
Florida	11.09	10.95	11.02	11.13	10.67	10.42	10.88	10.61
Georgia	9.37	9.08	8.52	8.83	8.37	7.92	7.57	8.78
Hawaii	29.16	29.15	29.62	29.34	28.33	27.02	27.61	25.04
Idaho	7.11	7.15	6.93	6.60	6.33	7.12	6.50	6.49
Illinois	11.03	9.16	7.26	7.61	6.92	7.14	6.45	8.08
Indiana	9.09	9.65	6.90	7.76	7.10	6.55	5.75	7.39
Iowa	7.83	6.89	6.17	6.45	6.46	5.99	5.96	6.48
Kansas	NA	10.24	9.37	9.22	8.42	8.41	7.64	8.53
Kentucky	11.45	10.45	8.74	8.94	7.83	7.89	7.49	8.94
Louisiana	8.84	8.70	NA	NA	NA	7.92	8.81	8.21
Maine	10.93	11.22	10.82	11.34	11.54	10.63	10.63	10.23
Maryland	12.02	11.77	9.29	10.06	9.62	8.94	8.83	10.06
Massachusetts	9.94	NA	9.77	9.93	9.79	9.48	10.07	9.98
Michigan	7.87	7.26	6.76	6.82	6.61	6.90	6.56	6.94
Minnesota	7.07	6.82	6.39	6.97	7.11	6.44	6.31	6.28
Mississippi	9.06	9.15	8.89	9.32	9.25	7.80	8.10	8.56
Missouri	9.04	8.40	8.16	7.64	7.28	7.89	7.70	9.20
Montana	7.82	7.26	7.21	7.24	6.70	7.13	6.73	7.29
Nebraska	6.68	6.02	6.38	6.69	6.37	5.45	5.79	5.87
Nevada	5.85	5.38	5.14	5.02	5.09	6.84	5.37	5.78
New Hampshire	11.49	10.15	10.63	11.68	11.26	11.36	11.91	11.98
New Jersey	8.84	7.83	8.95	8.97	9.58	7.93	8.60	9.24
New Mexico	6.47	6.09	5.98	6.42	6.19	5.68	6.05	6.59
New York	6.82	6.85	7.06	7.43	6.74	6.18	6.49	5.96
North Carolina	10.59	10.08	NA	9.94	8.77	7.71	8.36	8.05
North Dakota	6.51	5.66	5.66	6.30	5.73	5.45	5.43	5.60
Ohio	6.86	6.26	5.94	6.17	6.10	5.74	5.68	6.02
Oklahoma	11.55	9.69	8.01	6.97	6.01	7.72	6.86	12.31
Oregon	9.51	9.18	9.03	8.57	8.22	9.30	7.88	9.24
Pennsylvania	10.10	NA	8.93	8.62	8.36	8.15	7.94	8.31
Rhode Island	12.02	10.63	10.42	10.45	10.02	11.16	10.27	11.48
South Carolina	8.69	9.71	8.63	10.20	10.36	8.42	9.48	9.01
South Dakota	6.31	5.88	5.82	6.48	5.82	5.64	5.72	5.97
Tennessee	9.22	8.85	8.59	8.64	8.42	7.80	8.23	9.06
Texas	NA	7.70	7.27	7.59	7.48	6.89	7.60	8.25
Utah	6.51	7.47	7.71	7.48	7.29	7.43	7.65	7.50
Vermont	6.94	7.57	7.35	7.61	8.07	6.63	7.48	7.07
Virginia	NA	9.60	NA	8.75	7.72	7.23	7.55	7.54
Washington	NA	8.20	8.15	8.16	7.96	8.49	8.14	8.60
West Virginia	8.22	7.66	7.04	6.97	6.92	7.75	7.10	7.50
Wisconsin	6.06	6.92	6.37	6.47	7.05	6.29	6.50	6.47
Wyoming	7.12	7.09	6.96	6.97	6.56	6.54	6.52	6.76
<b>Total</b>	<b>8.32</b>	<b>8.08</b>	<b>7.68</b>	<b>7.90</b>	<b>7.59</b>	<b>7.28</b>	<b>7.27</b>	<b>7.67</b>

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							
	October	September	August	July	June	May	April	March
Alabama	11.82	11.69	11.75	11.61	11.19	10.50	10.51	10.09
Alaska	8.85	8.71	8.78	9.07	8.41	8.00	7.90	7.87
Arizona	8.52	8.64	8.65	8.74	8.73	8.81	9.10	9.77
Arkansas	7.01	6.89	7.16	6.90	7.22	7.11	6.85	7.11
California	9.08	9.16	8.74	8.07	7.43	7.33	7.18	8.16
Colorado	8.00	8.42	9.26	8.36	7.63	6.14	5.96	5.92
Connecticut	9.99	10.64	11.73	11.14	11.81	9.86	9.36	7.92
Delaware	11.42	11.86	12.11	11.50	10.86	10.03	9.33	8.79
District of Columbia	9.37	11.21	11.82	11.64	10.85	9.83	9.83	9.81
Florida	10.64	10.56	10.33	10.31	10.25	10.04	10.12	10.33
Georgia	9.29	9.54	9.58	9.35	8.72	8.38	8.15	7.58
Hawaii	27.71	27.32	25.57	25.24	32.82	30.04	28.09	27.26
Idaho	6.99	7.69	7.64	7.72	7.81	7.71	7.82	7.61
Illinois	9.04	12.31	12.77	12.26	10.93	9.48	6.99	6.51
Indiana	7.35	9.62	10.08	11.13	9.56	7.21	6.42	7.04
Iowa	6.86	7.53	8.14	7.82	7.12	5.81	5.55	5.80
Kansas	11.32	13.59	13.79	12.93	12.48	10.16	8.38	8.96
Kentucky	10.81	11.32	12.03	11.05	10.77	9.19	8.00	7.11
Louisiana	8.47	8.28	8.27	8.22	7.19	7.26	7.12	7.69
Maine	10.47	11.16	10.72	10.37	9.95	9.45	10.15	10.69
Maryland	10.89	11.78	11.49	11.34	9.65	8.11	8.20	8.70
Massachusetts	9.54	9.73	9.80	9.35	8.49	9.22	9.45	9.14
Michigan	7.58	9.02	9.32	8.66	8.51	7.29	6.63	6.64
Minnesota	6.74	7.89	7.80	7.91	7.09	6.41	6.17	6.44
Mississippi	8.10	7.55	7.49	7.61	7.03	7.51	8.04	7.82
Missouri	9.59	9.87	10.46	10.38	9.39	8.55	7.92	7.22
Montana	7.66	9.00	9.13	8.64	7.79	6.97	6.68	6.96
Nebraska	5.77	5.93	6.00	5.31	5.06	4.71	4.98	5.38
Nevada	6.24	6.87	6.89	7.22	7.08	7.04	7.25	7.59
New Hampshire	13.58	16.21	16.40	16.48	13.28	11.22	9.96	9.55
New Jersey	8.78	8.74	8.71	8.68	7.72	7.14	6.79	7.49
New Mexico	6.85	7.35	7.15	6.84	6.05	5.47	5.25	5.20
New York	5.58	5.32	5.29	5.57	5.76	6.02	6.20	6.47
North Carolina	7.95	8.19	8.30	8.77	8.52	8.02	7.78	8.27
North Dakota	5.82	6.74	7.29	7.01	6.68	5.36	4.62	5.20
Ohio	7.16	7.24	8.06	7.50	6.90	6.05	5.26	5.22
Oklahoma	14.46	14.76	15.04	13.81	12.31	10.89	8.09	6.78
Oregon	9.24	9.93	10.74	11.13	11.30	10.79	10.02	9.51
Pennsylvania	9.16	11.02	10.84	11.07	10.64	8.92	8.12	8.22
Rhode Island	14.53	16.35	15.78	15.43	13.58	11.51	10.79	10.32
South Carolina	9.02	8.56	8.48	8.71	7.79	7.43	8.36	8.36
South Dakota	6.30	7.16	7.90	6.98	6.46	5.07	4.94	5.60
Tennessee	9.78	9.10	9.49	8.70	8.30	7.63	7.61	7.03
Texas	8.52	8.15	8.26	7.52	6.73	6.84	6.14	6.17
Utah	6.71	6.84	7.10	7.02	6.84	6.77	7.37	7.91
Vermont	6.19	6.33	5.59	5.87	5.51	6.71	6.60	6.22
Virginia	7.68	8.67	8.40	8.20	7.66	7.17	6.59	7.12
Washington	8.78	9.45	9.87	9.37	9.64	8.09	7.99	8.03
West Virginia	8.72	9.99	10.27	10.14	9.78	9.00	7.89	7.56
Wisconsin	5.86	6.55	6.55	6.98	5.25	5.29	5.97	6.06
Wyoming	6.85	7.13	6.82	6.91	7.02	6.47	6.47	6.48
<b>Total</b>	<b>7.96</b>	<b>8.27</b>	<b>8.30</b>	<b>8.14</b>	<b>7.72</b>	<b>7.32</b>	<b>6.98</b>	<b>7.08</b>

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
	February	January	Total	December	November	October	September	August
Alabama	9.75	9.86	11.18	10.87	11.62	11.55	11.91	12.09
Alaska	7.87	7.88	8.01	7.54	7.59	7.86	7.21	8.23
Arizona	9.36	8.97	10.53	9.17	9.36	10.15	10.40	10.53
Arkansas	6.74	7.16	8.43	7.43	8.01	7.86	8.44	8.64
California	8.48	8.03	8.04	8.29	7.25	7.75	7.90	7.93
Colorado	5.95	5.79	7.47	6.10	6.40	7.73	9.17	9.33
Connecticut	7.29	7.31	8.60	8.22	8.51	9.57	10.58	9.56
Delaware	8.58	8.75	10.70	9.15	10.82	12.54	13.93	13.86
District of Columbia	8.92	9.12	11.07	9.59	10.81	11.19	11.02	10.71
Florida	10.46	10.54	10.88	11.01	10.79	10.70	11.23	10.98
Georgia	7.22	6.80	8.58	7.88	9.81	8.74	9.47	9.16
Hawaii	23.66	24.18	31.17	28.72	28.13	27.06	28.60	30.45
Idaho	7.22	7.10	7.59	7.10	6.91	7.63	7.98	8.10
Illinois	5.89	5.54	7.29	6.03	6.66	8.26	12.57	12.77
Indiana	5.67	5.34	7.61	6.18	6.07	6.20	8.05	10.79
Iowa	5.40	5.36	6.51	5.70	6.44	6.51	8.11	8.92
Kansas	7.26	6.75	8.87	7.11	7.28	9.43	12.52	12.02
Kentucky	6.39	6.73	8.75	7.69	8.58	9.37	10.49	11.27
Louisiana	7.69	8.02	8.01	7.94	7.74	7.71	7.68	7.79
Maine	11.08	11.27	14.16	11.11	10.30	8.48	11.27	12.08
Maryland	8.02	8.25	9.80	10.23	9.37	9.78	10.88	11.37
Massachusetts	9.50	9.34	10.81	9.99	8.56	7.35	8.52	8.99
Michigan	6.64	6.53	7.51	6.61	6.85	7.48	9.06	9.19
Minnesota	6.25	6.15	7.31	6.12	6.21	6.44	7.74	8.05
Mississippi	7.55	7.93	7.87	7.77	8.03	7.86	7.89	7.72
Missouri	6.94	7.08	9.14	7.87	9.85	11.05	10.74	11.89
Montana	6.91	6.80	8.08	6.81	7.28	8.49	9.68	9.75
Nebraska	5.46	5.40	6.40	5.23	5.55	5.78	6.29	6.11
Nevada	7.48	7.34	8.66	7.37	7.82	8.58	9.10	9.07
New Hampshire	10.47	11.46	13.63	12.39	11.15	12.30	14.76	14.78
New Jersey	7.65	7.75	8.50	8.22	8.64	8.08	8.21	8.76
New Mexico	5.02	5.07	6.32	5.28	6.09	7.67	7.65	7.65
New York	6.69	6.69	6.86	6.78	6.32	6.24	5.96	5.72
North Carolina	6.97	6.64	8.27	9.83	8.40	7.96	9.38	9.04
North Dakota	5.16	5.20	6.62	5.17	5.61	6.11	7.82	8.76
Ohio	5.21	5.22	6.48	5.41	5.90	6.64	7.82	7.84
Oklahoma	5.42	5.39	8.12	6.07	10.65	14.04	14.68	15.01
Oregon	9.38	8.74	10.16	9.43	8.70	10.56	10.50	11.53
Pennsylvania	7.37	7.19	9.32	8.07	8.21	8.80	11.01	11.14
Rhode Island	10.10	10.37	11.99	10.97	12.89	15.76	17.13	17.02
South Carolina	8.12	7.80	8.52	10.24	8.50	8.11	8.43	8.18
South Dakota	5.36	5.04	6.22	5.38	5.37	5.78	7.20	7.28
Tennessee	7.02	6.95	8.46	8.32	8.71	8.92	9.36	9.85
Texas	5.85	5.98	6.92	6.54	7.26	7.68	7.72	7.65
Utah	7.55	7.46	7.97	7.53	7.33	7.33	7.29	7.30
Vermont	7.00	7.14	7.89	7.37	6.65	6.20	6.97	6.91
Virginia	6.62	6.82	8.13	7.94	7.59	8.04	8.93	8.60
Washington	8.63	8.08	9.78	8.09	8.34	10.29	10.55	11.44
West Virginia	7.30	7.24	8.95	7.48	7.77	9.74	11.24	11.64
Wisconsin	6.35	6.58	6.78	6.25	6.47	5.49	6.32	6.58
Wyoming	6.37	6.28	7.43	6.22	6.67	7.18	7.84	7.58
<b>Total</b>	<b>6.86</b>	<b>6.75</b>	<b>7.91</b>	<b>7.23</b>	<b>7.39</b>	<b>7.79</b>	<b>8.43</b>	<b>8.46</b>

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						
	July	June	May	April	March	February	January
Alabama	12.04	11.99	11.68	11.70	10.61	10.73	10.88
Alaska	8.14	8.62	7.85	8.03	8.14	8.43	8.70
Arizona	10.68	10.84	10.76	10.85	11.41	11.75	10.73
Arkansas	8.25	8.36	8.30	8.13	8.40	8.93	8.87
California	7.74	7.72	7.03	7.89	8.70	8.58	8.96
Colorado	9.41	8.39	7.63	8.18	7.87	7.45	7.68
Connecticut	9.33	10.13	9.47	8.57	7.61	7.86	8.60
Delaware	13.35	12.71	11.90	10.60	10.26	10.11	10.19
District of Columbia	10.68	11.24	11.80	11.78	11.94	10.36	11.16
Florida	10.82	11.00	10.53	10.58	10.70	11.03	11.15
Georgia	9.19	9.10	8.69	8.68	8.02	8.15	8.44
Hawaii	36.02	38.76	36.86	32.56	31.08	30.83	25.72
Idaho	8.39	7.97	7.91	7.92	7.93	7.77	7.71
Illinois	11.61	11.56	10.12	7.69	6.82	6.15	6.82
Indiana	10.93	11.19	10.31	8.89	8.52	6.87	7.49
Iowa	8.43	7.31	6.48	6.24	6.45	6.23	6.56
Kansas	12.47	12.48	10.84	10.24	9.02	8.01	8.72
Kentucky	11.91	11.47	10.90	10.01	7.96	8.18	8.28
Louisiana	7.81	7.76	7.59	7.70	8.01	8.48	8.69
Maine	11.96	11.22	13.00	15.39	15.90	16.03	16.45
Maryland	10.76	11.50	11.27	9.33	9.22	9.38	9.83
Massachusetts	8.93	8.34	10.24	11.21	10.58	11.99	12.70
Michigan	9.33	8.92	7.92	7.27	7.35	7.52	7.69
Minnesota	8.19	8.88	7.35	7.55	8.34	7.16	7.88
Mississippi	7.84	7.87	7.87	8.01	7.67	7.89	8.06
Missouri	11.91	11.17	10.38	9.34	8.18	8.70	8.84
Montana	9.74	9.11	8.23	8.19	8.00	8.20	8.40
Nebraska	5.90	5.39	5.42	6.24	6.52	6.94	7.65
Nevada	9.45	9.64	9.64	9.24	8.94	8.82	8.60
New Hampshire	13.74	12.55	12.26	12.85	13.46	14.33	15.54
New Jersey	8.64	8.33	7.84	7.31	8.55	8.74	9.05
New Mexico	7.52	6.77	6.89	6.16	5.78	5.92	6.63
New York	6.05	6.80	6.65	7.24	7.11	7.18	7.52
North Carolina	9.26	9.08	8.85	8.27	7.17	7.27	8.28
North Dakota	8.63	8.26	6.58	6.55	6.76	6.78	7.41
Ohio	7.97	7.64	7.14	6.50	6.31	6.30	6.55
Oklahoma	13.46	12.61	11.23	9.20	6.60	7.01	6.95
Oregon	11.15	11.35	11.17	10.07	10.82	10.52	10.14
Pennsylvania	12.00	11.18	10.65	9.79	9.12	9.27	9.27
Rhode Island	16.64	15.41	13.02	11.73	11.13	11.11	11.23
South Carolina	8.48	8.53	8.08	8.41	7.88	8.18	8.99
South Dakota	7.36	6.91	6.46	6.36	6.54	6.32	6.48
Tennessee	9.34	9.02	9.04	8.68	7.33	8.21	8.58
Texas	7.52	6.55	6.86	6.63	6.39	6.52	7.23
Utah	7.26	7.38	7.48	8.18	8.51	8.77	8.23
Vermont	6.10	6.78	8.53	9.02	8.88	8.94	8.93
Virginia	8.57	9.14	9.08	8.19	7.64	7.66	8.59
Washington	11.40	11.06	10.65	10.16	10.13	10.15	10.12
West Virginia	11.24	12.18	10.48	9.34	8.78	8.70	8.69
Wisconsin	6.56	6.88	5.65	5.21	7.20	7.42	7.53
Wyoming	7.77	7.92	7.69	7.61	7.87	8.06	7.59
<b>Total</b>	<b>8.49</b>	<b>8.52</b>	<b>8.13</b>	<b>8.03</b>	<b>7.85</b>	<b>7.81</b>	<b>8.15</b>

<sup>R</sup> Revised data.

<sup>NA</sup> 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							
	Total	December	November	October	September	August	July	June
Alabama	4.31	4.38	4.18	3.99	4.01	4.02	4.16	4.30
Alaska	4.67	4.78	4.63	4.06	3.67	3.19	3.07	5.01
Arizona	6.53	6.63	6.98	6.78	6.83	7.32	6.55	6.92
Arkansas	6.67	6.48	6.62	6.63	6.66	7.02	6.74	6.69
California	7.00	7.09	6.33	6.05	6.19	6.39	6.54	6.96
Colorado	NA	5.04	5.18	NA	5.78	5.91	6.35	6.08
Connecticut	NA	6.16	6.12	6.01	6.42	6.07	5.94	5.84
Delaware	NA	NA	NA	10.37	NA	13.20	13.48	10.21
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.30	5.94	6.34	6.40	6.24	6.50	6.12	6.21
Georgia	4.74	4.66	4.43	4.51	4.78	4.55	4.49	4.71
Hawaii	17.77	20.14	18.87	19.10	17.89	17.09	16.82	17.29
Idaho	NA	4.42	NA	4.39	4.46	4.51	4.52	4.63
Illinois	NA	4.92	5.05	5.16	NA	6.51	7.25	6.78
Indiana	6.11	4.94	5.44	5.54	7.15	8.14	7.25	8.09
Iowa	NA	5.53	5.09	5.04	5.31	5.16	5.40	5.48
Kansas	4.23	5.53	4.97	4.56	3.99	3.87	3.91	4.08
Kentucky	4.51	4.59	4.31	4.31	4.19	4.22	4.31	4.52
Louisiana	3.74	3.44	3.50	3.63	3.56	3.64	3.71	3.84
Maine	8.15	9.59	9.36	5.26	5.30	5.42	6.34	6.51
Maryland	NA	9.79	9.33	NA	NA	NA	NA	NA
Massachusetts	NA	8.91	7.73	6.32	7.16	7.22	7.42	7.06
Michigan	6.01	5.68	6.01	6.07	6.99	6.79	6.52	6.45
Minnesota	4.47	4.64	4.04	4.39	4.23	4.18	4.13	4.43
Mississippi	NA	5.15	4.93	4.99	4.98	4.87	5.11	4.92
Missouri	6.76	6.96	7.09	6.55	6.14	6.36	6.32	6.13
Montana	NA	NA	6.22	6.17	6.06	5.42	6.33	6.17
Nebraska	NA	4.52	4.34	4.28	4.44	4.51	4.46	4.50
Nevada	5.06	5.21	5.48	5.64	5.69	6.02	5.74	5.48
New Hampshire	9.09	10.03	8.92	7.66	7.99	7.58	7.81	7.14
New Jersey	NA	8.22	8.21	NA	8.49	8.36	7.97	8.53
New Mexico	4.52	4.80	4.73	4.60	4.35	4.42	4.35	4.36
New York	NA	7.04	6.56	6.29	6.03	6.67	NA	NA
North Carolina	6.39	6.44	6.12	6.03	6.23	6.32	6.19	6.11
North Dakota	3.16	3.97	3.12	2.89	3.79	2.83	2.85	2.95
Ohio	NA	NA	5.17	5.83	6.47	6.32	6.99	7.41
Oklahoma	6.27	5.24	5.58	10.55	7.94	7.80	8.53	9.30
Oregon	5.43	5.29	5.40	5.29	5.31	5.62	5.53	5.51
Pennsylvania	NA	8.87	8.91	9.12	9.09	9.32	NA	8.94
Rhode Island	8.48	8.62	8.45	8.41	8.59	8.74	8.74	8.43
South Carolina	4.91	5.23	4.59	4.64	4.76	4.61	5.04	4.88
South Dakota	5.19	4.99	4.72	5.49	6.19	5.78	5.76	5.33
Tennessee	5.20	5.39	5.11	4.84	4.86	4.81	4.94	5.10
Texas	3.28	3.21	2.98	3.11	3.21	3.19	3.39	3.51
Utah	5.50	6.02	5.45	5.14	5.13	5.11	5.20	5.04
Vermont	4.92	4.71	4.40	4.42	4.48	4.47	4.51	4.68
Virginia	5.08	5.20	4.68	4.73	4.97	5.27	4.99	5.46
Washington	7.39	7.46	7.34	7.12	7.23	7.42	7.74	7.39
West Virginia	2.50	3.21	3.18	2.36	2.19	2.22	2.26	2.22
Wisconsin	5.35	5.61	5.54	4.46	4.66	4.55	4.24	4.75
Wyoming	NA	4.21	4.26	4.37	4.38	4.35	4.39	4.24
<b>Total</b>	<b>4.14</b>	<b>4.25</b>	<b>3.89</b>	<b>3.82</b>	<b>3.89</b>	<b>3.83</b>	<b>3.96</b>	<b>4.10</b>

See footnotes at end of table.

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

State	2017					2016		
	May	April	March	February	January	Total	December	November
Alabama	4.27	4.34	4.15	4.71	5.12	3.79	4.91	4.33
Alaska	5.00	5.06	5.17	5.04	5.11	5.06	5.21	4.83
Arizona	6.37	6.23	6.01	6.10	6.24	5.79	5.94	5.82
Arkansas	6.52	6.80	6.63	6.69	6.72	5.78	6.59	6.30
California	7.00	7.14	7.65	7.91	8.32	6.79	8.44	7.48
Colorado	5.66	5.19	5.61	5.48	5.37	4.89	4.75	5.02
Connecticut	6.45	NA	NA	8.11	7.26	6.07	6.07	5.62
Delaware	9.80	9.06	9.56	9.10	8.93	9.02	9.05	10.08
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.22	6.11	6.65	6.60	6.27	5.77	5.59	5.77
Georgia	4.90	4.79	4.34	5.17	5.54	4.10	4.90	4.38
Hawaii	17.75	17.06	17.41	17.83	16.90	15.70	16.57	16.80
Idaho	4.48	4.61	4.56	4.63	4.56	5.19	4.51	4.61
Illinois	6.86	6.39	5.94	6.23	6.20	5.03	5.22	5.83
Indiana	6.44	7.17	5.80	6.20	5.94	4.99	5.28	5.36
Iowa	5.29	5.04	NA	5.12	5.20	4.70	5.15	4.68
Kansas	4.77	4.68	4.96	6.60	6.41	3.69	5.27	4.54
Kentucky	4.42	4.47	4.39	4.95	5.20	3.77	4.49	4.29
Louisiana	3.41	3.23	3.69	4.68	4.64	3.11	3.80	4.12
Maine	6.61	9.28	9.27	9.35	9.33	7.68	9.37	8.83
Maryland	10.65	11.62	8.59	9.90	9.57	8.80	8.98	9.48
Massachusetts	NA	8.23	8.12	8.39	8.18	7.40	8.41	8.15
Michigan	6.41	6.15	5.93	6.04	5.81	5.75	5.63	5.55
Minnesota	4.22	4.38	4.41	4.84	5.13	4.19	4.65	4.35
Mississippi	4.99	4.69	NA	NA	5.55	4.35	4.71	4.82
Missouri	6.15	6.56	7.08	7.25	7.00	6.29	6.97	6.70
Montana	6.21	5.71	6.47	6.56	6.22	5.68	5.78	5.57
Nebraska	4.40	4.39	NA	5.31	4.80	4.04	4.51	4.25
Nevada	5.15	4.61	4.47	4.38	4.36	5.90	4.60	5.07
New Hampshire	7.98	8.88	9.13	10.27	10.13	8.59	10.11	9.06
New Jersey	7.17	6.94	NA	NA	NA	6.59	7.29	7.24
New Mexico	4.29	4.12	4.48	5.28	4.97	4.18	4.86	4.30
New York	7.04	7.67	7.32	7.28	6.75	5.92	6.11	5.69
North Carolina	6.21	6.50	6.49	6.81	6.82	5.43	6.12	5.46
North Dakota	2.82	2.89	2.67	3.46	3.96	2.62	3.45	2.86
Ohio	NA	NA	NA	5.28	5.53	4.81	4.95	5.45
Oklahoma	6.78	7.79	6.47	5.72	4.90	8.04	6.46	10.13
Oregon	5.40	5.41	5.56	5.52	5.37	5.73	5.71	5.82
Pennsylvania	8.18	8.64	7.98	7.88	7.75	7.40	7.75	8.36
Rhode Island	8.55	8.67	8.39	8.34	8.06	8.70	8.00	8.83
South Carolina	4.75	4.88	4.51	5.19	5.84	4.20	5.30	4.77
South Dakota	5.27	4.64	5.07	5.40	5.33	4.78	4.78	4.94
Tennessee	5.02	5.09	5.20	5.79	5.95	4.44	5.31	4.80
Texas	3.37	3.33	2.81	3.43	3.84	2.65	3.35	2.93
Utah	5.14	5.70	5.87	5.98	6.03	5.52	5.89	5.17
Vermont	4.78	5.04	5.34	5.67	6.02	5.20	5.68	5.20
Virginia	5.09	4.92	4.72	5.67	5.43	4.42	4.79	4.46
Washington	7.52	7.52	7.36	7.59	7.20	7.47	7.38	7.24
West Virginia	2.28	2.26	2.46	2.69	2.43	2.43	2.52	2.40
Wisconsin	4.69	5.83	5.34	5.55	6.33	5.05	5.65	5.35
Wyoming	3.97	4.25	4.38	4.53	NA	3.96	4.58	4.64
<b>Total</b>	<b>4.07</b>	<b>4.17</b>	<b>3.98</b>	<b>4.59</b>	<b>4.90</b>	<b>3.52</b>	<b>4.32</b>	<b>3.87</b>

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							
	October	September	August	July	June	May	April	March
Alabama	4.24	4.11	3.82	3.98	3.34	2.97	3.22	3.21
Alaska	4.53	4.45	5.64	5.17	4.58	3.69	6.36	6.75
Arizona	5.61	5.56	5.98	5.81	4.97	5.64	5.70	5.91
Arkansas	5.80	5.76	5.81	5.33	5.21	5.27	5.31	5.83
California	7.27	7.35	6.91	6.30	5.79	5.84	5.70	6.67
Colorado	6.08	6.12	6.31	6.17	5.46	4.25	4.36	4.95
Connecticut	5.97	6.06	6.15	6.17	6.03	6.56	6.82	5.82
Delaware	10.32	11.86	10.24	8.94	8.72	8.57	7.81	8.24
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.14	5.34	5.77	5.45	5.30	5.20	5.72	6.28
Georgia	4.44	4.46	4.35	4.24	3.62	3.58	3.53	3.54
Hawaii	15.85	15.65	16.04	16.51	16.92	15.05	14.45	13.73
Idaho	4.63	5.41	5.46	5.43	5.46	5.44	5.51	5.46
Illinois	5.72	6.07	7.16	6.99	5.49	4.45	4.94	4.74
Indiana	5.06	5.90	6.11	5.89	5.13	4.22	4.52	4.81
Iowa	4.94	4.96	4.33	4.66	4.44	4.07	4.44	4.86
Kansas	3.63	3.69	3.55	3.48	3.31	3.39	3.44	4.29
Kentucky	4.17	3.99	3.67	4.01	2.99	3.36	2.95	3.47
Louisiana	3.54	3.37	3.18	3.41	2.50	2.58	2.51	2.41
Maine	5.99	6.23	5.99	5.58	5.54	5.78	8.46	8.50
Maryland	10.70	9.98	12.51	13.82	9.81	7.36	7.57	8.55
Massachusetts	7.11	6.06	6.33	6.30	6.13	7.25	7.49	7.43
Michigan	6.11	6.05	6.00	6.38	5.98	5.75	5.54	5.57
Minnesota	4.28	4.21	4.19	4.41	3.70	3.60	3.50	3.89
Mississippi	4.59	4.51	4.49	3.87	3.85	3.72	4.00	4.28
Missouri	6.04	6.12	6.36	7.00	6.03	5.53	6.02	6.10
Montana	5.47	5.69	6.35	4.86	6.21	4.85	5.43	5.54
Nebraska	4.00	4.08	3.97	3.67	3.35	3.27	3.77	4.32
Nevada	5.21	5.88	5.80	6.52	6.11	6.00	6.22	6.75
New Hampshire	7.58	8.06	8.21	8.24	7.14	7.48	7.90	7.97
New Jersey	6.42	6.95	7.78	7.74	6.53	5.61	5.14	6.90
New Mexico	4.72	4.54	4.29	3.93	3.50	3.39	3.46	3.76
New York	5.56	5.30	5.70	5.56	5.55	5.72	5.88	6.20
North Carolina	5.26	5.26	5.20	5.15	5.09	5.11	5.33	5.70
North Dakota	2.91	2.87	3.76	3.03	2.13	1.95	2.13	2.14
Ohio	6.07	6.43	6.47	6.76	5.58	5.33	4.25	4.10
Oklahoma	8.57	13.29	12.53	10.45	11.08	9.67	8.54	5.94
Oregon	5.74	5.65	5.72	5.58	5.76	5.72	5.79	5.84
Pennsylvania	8.46	8.65	5.79	9.17	8.04	8.25	6.75	7.24
Rhode Island	9.01	9.16	9.22	8.91	8.76	8.91	8.77	8.40
South Carolina	4.48	4.37	4.24	4.46	3.58	3.56	3.22	3.58
South Dakota	5.09	6.12	6.01	5.20	4.78	4.33	4.10	4.50
Tennessee	4.70	4.49	4.36	4.42	3.68	3.80	3.83	4.28
Texas	3.22	3.15	3.02	2.98	2.16	2.14	2.08	1.88
Utah	4.96	4.93	5.00	5.02	5.10	5.14	5.68	5.97
Vermont	5.13	5.14	5.31	5.61	4.97	5.13	4.93	4.96
Virginia	4.41	4.46	4.55	4.16	4.31	4.08	3.78	4.39
Washington	7.20	7.33	7.77	7.76	8.16	7.33	7.38	7.47
West Virginia	2.52	2.33	2.26	2.30	2.40	2.28	2.17	2.59
Wisconsin	4.64	4.61	4.29	4.65	3.45	3.98	5.06	4.95
Wyoming	4.27	3.93	3.94	3.60	3.66	3.71	3.65	3.68
<b>Total</b>	<b>3.88</b>	<b>3.74</b>	<b>3.59</b>	<b>3.58</b>	<b>2.89</b>	<b>2.90</b>	<b>3.01</b>	<b>3.05</b>

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
	February	January	Total	December	November	October	September	August
Alabama	3.66	3.65	4.09	3.62	3.46	3.62	3.83	4.06
Alaska	6.74	4.88	6.86	6.84	6.77	6.85	6.83	6.82
Arizona	6.22	6.51	6.78	6.39	6.30	6.32	6.58	6.55
Arkansas	5.67	5.94	6.91	5.64	5.99	6.43	6.44	6.59
California	6.90	6.56	6.41	6.99	5.83	5.94	6.15	6.12
Colorado	4.50	4.21	5.74	4.52	5.20	6.03	6.22	6.65
Connecticut	5.69	6.08	6.35	6.58	5.85	5.75	6.58	5.64
Delaware	7.93	8.09	10.11	8.32	9.62	11.15	11.40	11.38
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.11	6.36	6.43	6.10	6.22	6.30	6.09	6.04
Georgia	4.04	4.11	4.42	3.86	3.76	4.14	4.28	4.38
Hawaii	14.45	16.17	19.03	15.06	17.68	17.99	19.09	19.29
Idaho	5.46	5.41	5.72	5.29	4.83	5.66	5.82	5.98
Illinois	4.54	4.29	5.47	4.65	4.59	5.39	6.19	5.96
Indiana	4.98	4.47	6.36	4.79	4.42	4.27	5.21	5.85
Iowa	4.36	5.01	5.30	4.62	5.28	4.57	6.19	5.13
Kansas	6.25	6.75	4.24	5.61	4.61	4.17	3.90	3.94
Kentucky	3.80	3.96	4.37	3.59	3.45	3.79	3.88	4.06
Louisiana	2.95	3.09	3.33	3.00	2.76	3.16	3.31	3.49
Maine	8.51	8.45	8.95	8.50	8.20	4.56	4.72	4.81
Maryland	8.46	8.31	9.70	10.84	10.90	9.52	8.76	9.99
Massachusetts	7.78	7.64	9.22	8.90	7.31	5.51	6.26	6.91
Michigan	5.89	5.73	6.60	5.78	5.76	6.33	6.75	7.02
Minnesota	4.35	4.40	4.87	4.24	4.13	4.24	4.17	4.68
Mississippi	4.52	4.59	4.72	4.15	4.28	4.24	4.49	3.97
Missouri	6.28	6.06	7.58	6.91	6.97	7.17	7.96	7.29
Montana	6.30	5.90	6.50	5.52	6.14	5.84	6.97	5.90
Nebraska	4.32	4.41	4.56	4.79	4.08	4.12	4.27	4.33
Nevada	6.66	6.50	8.07	6.61	7.12	7.72	8.58	8.16
New Hampshire	8.96	9.60	10.33	9.87	7.53	5.48	5.10	6.05
New Jersey	6.25	6.44	8.09	7.52	7.09	7.34	8.31	8.75
New Mexico	4.06	4.25	4.62	4.26	4.60	4.69	4.70	4.60
New York	6.24	6.23	6.62	6.26	6.01	5.57	5.83	5.33
North Carolina	5.61	5.34	6.34	5.87	5.73	6.04	6.14	5.87
North Dakota	2.89	2.48	3.13	2.88	2.58	2.76	2.81	2.95
Ohio	4.17	4.36	5.35	4.65	4.74	5.61	6.64	6.09
Oklahoma	5.73	10.52	7.51	6.18	7.90	9.90	12.85	8.77
Oregon	5.78	5.61	7.10	6.22	6.31	7.25	7.21	7.23
Pennsylvania	6.84	7.09	8.59	7.62	8.47	8.93	10.37	10.35
Rhode Island	8.44	8.61	9.26	8.22	9.48	9.92	9.79	10.09
South Carolina	4.21	4.83	4.64	4.25	4.09	4.27	4.38	4.59
South Dakota	4.51	4.83	5.34	4.56	4.56	5.13	6.04	5.73
Tennessee	4.77	4.69	5.06	4.58	4.47	4.45	4.63	4.80
Texas	2.39	2.45	2.89	2.38	2.29	2.78	2.95	3.13
Utah	6.44	6.08	5.93	6.01	5.35	5.24	5.30	5.32
Vermont	5.17	5.14	5.50	5.81	5.42	5.58	4.65	4.53
Virginia	4.48	4.79	5.02	4.48	3.95	4.69	4.86	4.56
Washington	7.72	7.38	8.94	7.32	7.92	8.73	9.25	9.35
West Virginia	2.69	2.47	3.12	2.53	2.09	3.16	3.14	3.18
Wisconsin	5.46	5.76	5.65	5.43	5.37	4.69	4.56	4.91
Wyoming	3.82	3.95	5.07	4.01	4.63	4.56	4.75	4.75
<b>Total</b>	<b>3.64</b>	<b>3.62</b>	<b>3.93</b>	<b>3.48</b>	<b>3.28</b>	<b>3.54</b>	<b>3.65</b>	<b>3.79</b>

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						
	July	June	May	April	March	February	January
Alabama	3.97	4.09	3.70	4.15	4.70	4.97	4.67
Alaska	6.78	6.84	6.86	6.70	6.88	7.08	6.97
Arizona	6.76	6.86	6.54	6.96	7.15	7.51	7.25
Arkansas	6.61	6.09	6.41	6.84	7.70	7.90	7.88
California	6.08	6.29	5.51	6.45	6.89	6.77	7.67
Colorado	7.39	6.58	5.32	5.49	6.20	6.15	6.01
Connecticut	5.86	6.01	6.18	6.77	5.81	6.52	7.89
Delaware	10.89	9.09	9.78	9.56	10.20	10.25	9.91
District of Columbia	--	--	--	--	--	--	--
Florida	6.70	5.78	5.88	6.05	6.53	7.12	8.40
Georgia	4.34	4.41	4.14	4.22	5.02	4.98	5.34
Hawaii	21.57	20.94	19.68	19.40	18.66	18.33	20.25
Idaho	5.99	5.74	5.75	5.82	5.90	6.03	6.04
Illinois	6.06	5.94	5.66	5.75	5.74	5.13	6.02
Indiana	6.29	5.70	6.14	9.14	7.18	6.69	7.52
Iowa	5.46	4.78	4.77	4.48	5.69	5.65	6.42
Kansas	3.99	4.08	4.16	4.43	5.74	5.81	6.97
Kentucky	4.35	4.52	4.20	4.43	5.13	5.12	5.28
Louisiana	3.46	3.41	2.95	3.24	3.51	3.69	3.90
Maine	4.68	4.61	5.50	14.71	15.12	15.22	15.20
Maryland	11.89	12.71	10.17	8.08	8.81	9.64	10.06
Massachusetts	6.66	6.90	8.73	9.67	9.60	10.86	11.74
Michigan	6.44	6.78	6.59	6.21	6.70	6.98	7.06
Minnesota	4.53	4.62	4.19	4.54	5.82	5.83	5.89
Mississippi	4.52	4.33	4.43	4.72	5.72	5.46	6.12
Missouri	7.88	7.52	7.33	7.95	7.79	7.65	7.91
Montana	6.38	4.87	6.46	6.97	7.22	7.34	8.14
Nebraska	4.27	3.83	4.13	5.53	5.39	4.34	4.84
Nevada	8.71	9.18	9.06	8.71	8.32	8.27	7.94
New Hampshire	6.14	7.16	8.31	10.89	12.09	12.47	14.13
New Jersey	8.19	8.13	7.82	7.87	7.96	8.26	8.81
New Mexico	4.53	4.44	4.11	4.52	4.93	5.06	5.84
New York	5.86	6.00	6.54	7.21	7.21	7.04	7.43
North Carolina	5.95	5.83	5.67	6.11	6.69	7.52	7.06
North Dakota	3.11	2.90	2.81	3.01	3.77	3.86	3.92
Ohio	5.40	7.24	5.71	5.28	5.22	5.44	5.26
Oklahoma	8.63	8.96	6.31	9.41	6.57	7.40	7.62
Oregon	7.12	7.06	7.11	7.06	7.52	7.60	7.56
Pennsylvania	10.06	10.21	9.59	8.25	7.85	8.96	8.74
Rhode Island	9.61	9.38	9.75	9.20	9.00	9.01	9.12
South Carolina	4.47	4.57	4.20	4.36	4.96	5.99	5.77
South Dakota	5.71	5.14	5.50	5.42	5.31	5.52	6.04
Tennessee	4.80	4.87	4.84	4.99	5.69	5.75	6.18
Texas	3.08	3.04	2.82	2.88	3.01	3.11	3.38
Utah	5.20	5.72	5.94	6.50	6.72	6.74	6.65
Vermont	5.90	5.17	5.23	5.29	5.98	6.25	5.70
Virginia	4.81	5.08	5.33	5.15	5.32	5.28	5.76
Washington	10.07	9.48	9.24	9.58	8.94	9.43	9.66
West Virginia	3.17	3.13	3.10	3.24	3.43	3.31	3.72
Wisconsin	4.54	5.07	4.42	4.46	6.40	6.67	6.78
Wyoming	4.63	5.20	5.02	5.36	5.17	5.40	6.48
<b>Total</b>	<b>3.74</b>	<b>3.76</b>	<b>3.58</b>	<b>3.96</b>	<b>4.46</b>	<b>4.74</b>	<b>4.90</b>

<sup>R</sup> Revised data.

-- Not applicable.

<sup>NA</sup> 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<sup>a</sup> consumers, by state, 2015-2017**  
(dollars per thousand cubic feet)

State	2017							
	Total	December	November	October	September	August	July	June
Alabama	W	W	W	W	W	W	W	W
Alaska	8.10	8.13	8.13	8.09	8.09	8.09	8.09	8.09
Arizona	W	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W	W
California	W	W	W	W	W	W	W	W
Colorado	W	W	W	W	W	W	W	W
Connecticut	4.19	W	4.17	2.86	2.67	W	W	W
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	4.31	4.58	4.38	W	W	W	W	4.33
Georgia	W	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--
Illinois	3.11	W	W	W	W	W	3.23	3.06
Indiana	W	W	W	W	W	W	W	W
Iowa	3.47	5.61	3.18	2.76	2.87	2.80	2.92	2.74
Kansas	3.63	4.27	3.52	3.24	3.65	3.44	3.22	3.43
Kentucky	3.77	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W	W
Maine	W	W	--	W	W	W	W	W
Maryland	3.71	4.89	3.28	3.21	3.00	3.27	3.44	3.25
Massachusetts	3.75	8.72	W	W	2.29	2.42	2.58	2.65
Michigan	3.26	3.09	3.30	3.11	3.29	3.23	3.21	3.22
Minnesota	3.50	3.16	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W	W
Missouri	3.04	2.97	2.73	2.68	3.10	3.19	3.07	3.22
Montana	1.80	1.98	1.91	0.72	1.49	1.52	1.52	2.10
Nebraska	4.16	5.97	4.89	4.02	4.12	3.64	3.48	3.51
Nevada	3.51	3.47	3.40	3.14	3.35	3.27	3.29	3.48
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	3.02	5.39	2.95	1.63	2.04	2.19	2.44	2.42
New Mexico	3.59	3.67	3.69	3.36	3.45	3.50	3.53	3.51
New York	3.44	5.12	3.40	2.33	2.36	2.56	2.75	2.96
North Carolina	W	W	W	W	W	W	W	W
North Dakota	5.92	7.74	5.43	8.67	4.98	6.35	6.14	4.36
Ohio	3.05	3.00	2.94	2.89	2.81	2.76	2.91	3.06
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	2.58	3.93	2.37	1.47	1.71	2.03	2.27	2.39
Rhode Island	W	W	W	W	W	W	W	W
South Carolina	W	W	W	W	W	W	W	W
South Dakota	--	--	--	--	--	--	--	--
Tennessee	3.03	3.02	2.92	2.88	2.99	2.86	2.93	3.07
Texas	3.13	2.95	3.10	3.11	3.11	3.03	3.11	3.17
Utah	W	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--	--
Virginia	3.49	W	W	W	2.67	2.94	3.09	3.10
Washington	4.16	4.13	4.39	3.70	3.94	3.62	4.03	5.16
West Virginia	2.50	W	W	W	W	W	W	W
Wisconsin	3.34	3.04	3.39	3.16	3.23	3.16	W	W
Wyoming	3.57	3.10	3.69	W	W	W	W	W
<b>Total</b>	<b>3.52</b>	<b>3.81</b>	<b>3.50</b>	<b>3.27</b>	<b>3.31</b>	<b>3.27</b>	<b>3.32</b>	<b>3.41</b>

See footnotes at end of table.

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

State	2017					2016		
	May	April	March	February	January	Total	December	November
Alabama	W	W	W	W	W	W	W	W
Alaska	8.09	8.09	8.09	8.09	8.09	6.65	7.21	6.91
Arizona	W	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W	W
California	W	W	W	W	W	3.22	4.05	3.27
Colorado	W	W	W	W	W	W	W	W
Connecticut	W	W	W	5.84	8.10	3.67	5.49	3.34
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	W	3.59	4.02	4.38	4.92	3.86	W	W
Georgia	W	W	W	W	W	3.08	W	3.15
Hawaii	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	2.92	4.05	4.66
Illinois	W	W	W	W	W	2.88	W	W
Indiana	W	W	W	W	W	W	W	W
Iowa	2.84	2.85	4.71	4.85	5.12	2.81	3.83	3.02
Kansas	4.10	3.88	3.52	4.82	4.92	3.48	5.05	3.28
Kentucky	W	W	W	5.96	W	W	W	W
Louisiana	W	W	W	W	W	2.76	W	W
Maine	--	W	W	W	W	W	W	--
Maryland	3.37	3.40	4.90	4.25	5.50	2.97	4.98	3.67
Massachusetts	3.36	3.47	4.35	W	W	3.22	7.03	4.59
Michigan	3.44	3.45	3.16	3.18	3.63	2.81	3.93	2.77
Minnesota	W	3.40	W	3.49	4.49	W	W	W
Mississippi	W	W	W	W	W	W	W	W
Missouri	3.40	3.03	2.59	3.05	3.43	W	W	W
Montana	2.49	2.22	2.09	2.25	2.36	--	--	--
Nebraska	4.03	4.37	5.17	6.48	5.61	3.31	4.75	3.17
Nevada	3.49	3.74	3.60	3.80	4.37	3.02	3.77	3.35
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	3.24	3.34	3.45	3.64	4.06	2.20	4.01	2.45
New Mexico	3.69	3.85	3.27	3.65	4.02	3.07	4.21	3.06
New York	3.29	3.39	4.26	4.54	5.41	2.76	5.47	2.95
North Carolina	W	W	W	W	W	W	W	W
North Dakota	4.37	4.42	5.52	4.80	6.31	2.74	3.58	2.74
Ohio	3.22	3.28	2.93	3.26	3.84	2.36	3.41	2.32
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	3.00	3.00	2.86	3.21	4.12	1.95	3.52	2.10
Rhode Island	W	W	W	W	W	W	W	W
South Carolina	W	W	W	W	W	W	W	W
South Dakota	--	--	--	--	--	2.62	3.92	2.50
Tennessee	2.96	3.04	3.00	3.09	3.82	2.61	3.44	2.84
Texas	3.29	3.22	3.02	3.13	3.47	2.67	3.44	2.71
Utah	W	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--	--
Virginia	3.59	3.67	W	W	W	W	W	W
Washington	3.85	3.67	3.74	5.57	4.95	W	W	W
West Virginia	W	3.36	W	W	W	W	5.87	2.83
Wisconsin	W	W	W	W	W	W	W	W
Wyoming	W	W	10.87	W	4.04	8.29	8.65	12.43
<b>Total</b>	<b>3.61</b>	<b>3.50</b>	<b>3.52</b>	<b>3.74</b>	<b>4.33</b>	<b>2.99</b>	<b>4.16</b>	<b>3.14</b>

See footnotes at end of table.

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

State	2016							
	October	September	August	July	June	May	April	March
Alabama	W	W	W	W	W	W	W	W
Alaska	6.86	6.52	6.49	6.81	7.10	6.43	6.47	6.34
Arizona	W	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W	W
California	3.43	3.59	3.45	3.48	2.98	W	2.47	2.59
Colorado	W	W	W	W	W	W	W	W
Connecticut	2.45	2.92	3.09	3.13	2.33	2.39	2.74	4.63
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	W	W	3.95	3.72	3.43	W	W	W
Georgia	3.59	3.59	3.33	3.30	3.03	2.44	2.40	2.23
Hawaii	--	--	--	--	--	--	--	--
Idaho	4.78	3.38	2.89	2.83	2.47	2.41	11.72	2.26
Illinois	3.18	3.29	3.07	3.05	W	2.25	2.24	2.31
Indiana	W	W	W	W	W	W	W	W
Iowa	3.00	3.00	2.94	2.83	2.63	2.10	2.61	2.23
Kansas	3.96	3.52	3.53	3.26	3.07	3.15	3.16	2.84
Kentucky	W	W	W	W	W	W	W	W
Louisiana	W	W	W	3.08	2.63	W	W	W
Maine	W	W	W	W	W	W	W	W
Maryland	2.75	2.47	2.97	2.94	3.01	2.50	2.40	2.69
Massachusetts	3.36	2.97	3.18	2.86	2.34	2.11	2.99	1.99
Michigan	3.19	3.32	3.12	3.04	2.75	2.28	2.31	2.14
Minnesota	W	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W	W
Montana	--	--	--	--	--	--	--	--
Nebraska	3.54	3.70	3.48	3.41	3.32	2.77	2.44	2.34
Nevada	3.46	3.39	3.23	3.38	2.57	2.54	2.40	2.30
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	1.86	1.70	1.92	2.09	2.13	1.95	1.76	1.62
New Mexico	3.30	3.43	3.30	3.31	2.87	2.47	2.69	2.56
New York	1.98	2.18	2.54	2.75	2.38	2.12	2.36	2.22
North Carolina	W	W	W	W	W	W	W	W
North Dakota	3.10	3.07	2.98	2.88	2.63	2.04	2.09	1.90
Ohio	2.30	2.59	2.55	2.80	2.32	2.03	2.01	1.63
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	1.29	1.51	1.68	1.86	1.90	1.65	1.61	1.43
Rhode Island	W	W	W	2.92	W	2.23	W	W
South Carolina	W	W	W	W	W	W	W	W
South Dakota	3.38	3.39	2.94	2.87	2.53	2.10	2.07	1.82
Tennessee	3.15	2.91	2.69	2.74	2.37	1.96	1.96	2.05
Texas	3.24	3.13	2.94	2.95	2.62	2.17	2.14	1.91
Utah	W	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--	--
Virginia	W	W	W	W	W	W	W	W
Washington	W	W	W	W	W	W	W	W
West Virginia	1.69	1.97	W	3.21	2.00	2.03	2.12	1.92
Wisconsin	W	W	W	W	W	W	W	W
Wyoming	4,893.63	10.24	5.57	--	17.60	12.15	5.88	4.39
<b>Total</b>	<b>3.24</b>	<b>3.19</b>	<b>3.07</b>	<b>3.07</b>	<b>2.77</b>	<b>2.49</b>	<b>2.52</b>	<b>2.33</b>

See footnotes at end of table.

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

State	2016							2015
	February	January	Total	December	November	October	September	August
Alabama	W	W	W	W	W	W	W	W
Alaska	6.43	6.47	5.40	5.44	5.48	5.45	5.48	5.21
Arizona	W	W	3.43	W	W	W	W	3.47
Arkansas	W	W	W	W	W	W	W	W
California	2.85	3.08	3.40	2.96	2.95	3.19	3.29	3.53
Colorado	W	W	3.79	W	W	W	W	W
Connecticut	5.63	6.12	4.73	5.06	5.14	3.17	3.08	2.69
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	W	W	4.41	3.98	3.90	4.31	4.46	4.45
Georgia	W	W	3.27	W	W	W	3.31	3.36
Hawaii	--	--	--	--	--	--	--	--
Idaho	2.25	2.67	2.89	2.41	2.72	2.92	3.01	2.92
Illinois	W	W	W	W	W	W	3.12	W
Indiana	W	W	W	W	W	W	W	W
Iowa	2.57	2.96	3.25	2.60	5.08	2.89	2.99	3.13
Kansas	4.22	4.26	3.95	4.66	4.03	4.88	3.68	3.70
Kentucky	3.35	W	W	3.42	2.50	W	W	W
Louisiana	W	W	W	W	W	W	W	3.20
Maine	W	W	W	4.31	W	W	W	W
Maryland	5.64	3.59	4.06	3.13	3.11	3.05	3.18	4.07
Massachusetts	3.46	4.73	4.33	2.53	3.62	4.31	4.14	3.08
Michigan	2.37	2.66	3.21	2.17	2.57	2.91	3.32	3.40
Minnesota	W	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W	W
Montana	--	--	W	W	W	W	2.23	2.28
Nebraska	2.81	3.52	3.97	3.63	3.37	3.22	3.38	5.08
Nevada	2.78	2.98	3.34	3.00	2.85	3.24	3.30	3.38
New Hampshire	W	W	W	W	W	W	W	W
New Jersey	2.83	3.02	2.98	1.69	1.81	2.02	2.10	2.23
New Mexico	2.57	2.91	3.21	2.46	2.64	3.11	3.13	3.28
New York	3.41	3.76	3.51	2.96	2.69	2.60	2.51	2.61
North Carolina	W	W	W	W	W	W	W	W
North Dakota	2.22	2.45	8.39	7.20	11.42	8.77	8.75	6.57
Ohio	2.00	2.20	2.42	1.91	2.09	2.17	2.27	2.25
Oklahoma	W	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W	W
Pennsylvania	2.33	2.70	2.52	1.55	1.59	1.71	2.00	1.80
Rhode Island	W	W	3.72	W	3.29	3.74	2.78	2.42
South Carolina	W	W	W	W	W	W	W	W
South Dakota	2.08	2.57	3.31	2.25	2.92	2.90	3.31	4.23
Tennessee	2.33	2.58	2.74	2.33	2.31	2.47	2.61	2.71
Texas	2.19	2.53	2.88	2.22	2.30	2.66	2.88	3.01
Utah	W	2.81	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--	--
Virginia	W	W	3.55	W	W	W	W	W
Washington	W	W	W	W	W	W	W	W
West Virginia	2.07	2.22	W	1.52	1.91	W	W	1.94
Wisconsin	W	W	W	W	W	W	W	W
Wyoming	7.69	13.31	W	W	3.76	4.45	3.94	W
<b>Total</b>	<b>2.83</b>	<b>3.17</b>	<b>3.38</b>	<b>2.72</b>	<b>2.78</b>	<b>3.04</b>	<b>3.20</b>	<b>3.23</b>

See footnotes at end of table.

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

State	2015						
	July	June	May	April	March	February	January
Alabama	W	W	W	W	W	W	W
Alaska	5.19	5.14	4.86	5.47	5.41	5.49	5.95
Arizona	3.54	3.47	3.73	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	3.54	3.52	3.45	W	3.50	3.73	W
Colorado	W	W	W	W	W	W	W
Connecticut	2.48	2.19	2.30	2.99	6.91	12.82	8.77
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	4.43	4.52	W	W	W	4.78	W
Georgia	3.40	3.38	3.57	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	2.85	2.74	3.08	3.05	16.18	--	3.03
Illinois	W	3.04	W	W	W	4.81	W
Indiana	W	W	W	W	W	W	W
Iowa	3.08	3.08	3.18	2.98	3.45	4.71	5.01
Kansas	3.52	3.68	4.33	4.32	4.06	4.50	5.25
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	W	4.06	3.78	3.99	W	17.68	W
Maryland	3.73	3.09	3.25	2.58	W	W	6.65
Massachusetts	2.57	3.18	3.16	3.36	8.64	13.60	12.66
Michigan	3.30	3.18	3.25	W	3.57	4.11	3.62
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	W	W	W	2.31	W	W	W
Nebraska	3.81	3.59	4.01	3.63	4.02	4.90	4.48
Nevada	3.43	3.43	3.21	3.27	3.45	3.54	4.10
New Hampshire	W	W	W	W	W	W	W
New Jersey	2.09	2.37	2.35	2.48	3.68	10.03	5.86
New Mexico	3.86	3.61	3.26	3.03	3.09	3.11	3.71
New York	2.56	2.71	2.76	2.82	4.48	9.93	6.24
North Carolina	W	W	W	W	W	W	W
North Dakota	11.04	8.41	10.94	8.00	9.81	8.87	11.41
Ohio	2.30	2.20	2.38	2.23	2.75	3.31	2.92
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	2.02	1.83	2.01	2.02	3.06	8.29	4.28
Rhode Island	2.40	1.96	2.15	3.41	7.68	W	9.99
South Carolina	W	W	W	W	W	W	W
South Dakota	3.78	3.53	3.06	3.46	2.77	3.05	2.94
Tennessee	2.74	2.75	2.28	2.66	3.35	3.27	3.59
Texas	3.03	2.98	3.02	2.82	3.02	3.10	3.28
Utah	W	W	W	W	W	3.37	W
Vermont	--	--	--	--	--	--	--
Virginia	W	W	2.82	W	W	W	W
Washington	W	W	W	W	W	W	W
West Virginia	2.07	2.48	2.41	W	2.64	W	2.96
Wisconsin	W	W	W	W	W	W	W
Wyoming	W	W	W	W	W	W	W
<b>Total</b>	<b>3.23</b>	<b>3.25</b>	<b>3.28</b>	<b>3.24</b>	<b>3.71</b>	<b>5.02</b>	<b>4.31</b>

<sup>a</sup> 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.

<sup>b</sup> Revised data.

-- Not applicable.

<sup>w</sup> 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, 2016-2017**

State	2017								
	Total			December			November		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	NA	NA	26.9	100.0	76.3	27.6	100.0	72.2	27.9
Alaska	100.0	98.4	100.0	100.0	99.3	100.0	100.0	98.7	100.0
Arizona	NA	NA	13.7	100.0	80.8	13.4	100.0	78.8	14.0
Arkansas	93.6	NA	1.6	100.0	39.3	2.0	100.0	30.8	1.8
California	NA	52.6	4.1	95.4	54.7	4.5	95.3	51.1	3.9
Colorado	100.0	93.8	NA	100.0	95.6	9.1	100.0	94.7	8.3
Connecticut	96.2	76.6	NA	96.6	78.9	52.8	95.5	76.5	49.6
Delaware	100.0	NA	NA	100.0	NA	NA	100.0	30.6	NA
District of Columbia	NA	NA	0.0	74.5	20.3	0.0	73.8	NA	0.0
Florida	NA	NA	3.5	91.4	32.8	3.7	90.2	30.6	3.9
Georgia	100.0	100.0	25.8	100.0	100.0	24.6	100.0	100.0	24.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	76.9	NA	100.0	84.7	3.4	100.0	77.7	NA
Illinois	NA	34.1	NA	92.1	37.8	9.8	87.9	36.3	7.1
Indiana	NA	66.1	1.7	96.1	72.1	2.4	96.0	67.7	2.3
Iowa	100.0	68.4	NA	100.0	72.1	5.2	100.0	70.3	5.9
Kansas	NA	NA	6.7	100.0	53.0	1.9	NA	51.6	2.4
Kentucky	97.0	78.0	18.3	97.6	83.4	17.0	98.0	78.6	16.9
Louisiana	100.0	NA	3.2	100.0	78.4	3.2	100.0	75.4	3.6
Maine	100.0	59.3	9.2	100.0	63.1	10.6	100.0	53.1	9.3
Maryland	NA	NA	NA	75.9	NA	6.9	77.8	28.6	4.4
Massachusetts	98.3	NA	NA	98.0	54.4	31.2	98.2	46.5	25.9
Michigan	93.5	56.3	6.1	94.0	63.2	9.5	94.0	58.7	4.7
Minnesota	100.0	88.1	NA	100.0	90.7	NA	100.0	89.6	23.4
Mississippi	92.0	83.5	NA	100.0	86.8	8.0	100.0	82.3	9.0
Missouri	100.0	NA	12.3	100.0	73.3	13.7	100.0	70.1	12.6
Montana	99.4	49.7	NA	99.5	48.5	NA	99.5	47.4	NA
Nebraska	87.5	54.7	NA	87.5	57.4	6.3	86.5	53.2	NA
Nevada	100.0	59.1	14.5	100.0	64.8	19.1	100.0	57.9	16.0
New Hampshire	100.0	54.0	5.5	100.0	55.6	8.6	100.0	49.9	5.4
New Jersey	94.7	NA	NA	95.1	46.5	10.7	95.1	42.0	NA
New Mexico	NA	NA	NA	100.0	51.6	5.0	NA	NA	NA
New York	NA	100.0	NA	100.0	100.0	6.6	100.0	100.0	4.4
North Carolina	100.0	NA	10.8	100.0	NA	12.3	100.0	86.8	10.6
North Dakota	100.0	92.7	34.2	100.0	94.1	41.4	100.0	93.7	27.5
Ohio	NA	100.0	NA	100.0	100.0	NA	NA	100.0	1.9
Oklahoma	100.0	40.8	0.7	100.0	37.1	1.0	100.0	33.5	0.7
Oregon	100.0	94.6	15.3	100.0	95.7	16.8	100.0	94.8	16.1
Pennsylvania	NA	NA	NA	87.8	NA	NA	88.4	NA	0.7
Rhode Island	100.0	52.8	NA	100.0	54.1	3.8	100.0	53.9	3.8
South Carolina	100.0	91.4	NA	100.0	93.5	NA	100.0	91.7	42.4
South Dakota	100.0	80.9	4.3	100.0	83.2	8.5	100.0	81.3	5.8
Tennessee	100.0	87.2	NA	100.0	90.3	NA	100.0	86.8	25.8
Texas	NA	NA	NA	99.7	73.0	37.8	99.7	69.8	37.6
Utah	100.0	72.6	4.1	100.0	75.5	3.0	100.0	68.0	3.4
Vermont	100.0	NA	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	NA	NA	NA	92.3	62.4	12.1	92.3	55.5	10.5
Washington	100.0	NA	6.4	100.0	91.3	7.4	100.0	89.6	6.6
West Virginia	NA	51.7	7.8	100.0	64.2	7.5	100.0	54.5	8.4
Wisconsin	100.0	71.9	16.4	100.0	78.3	22.4	100.0	75.0	18.4
Wyoming	71.9	51.4	NA	73.0	53.3	1.9	72.3	53.5	2.1
<b>Total</b>	<b>95.9</b>	<b>65.4</b>	<b>14.5</b>	<b>96.5</b>	<b>69.2</b>	<b>14.9</b>	<b>96.0</b>	<b>65.9</b>	<b>14.6</b>

See footnotes at end of table.

**Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2016-2017 – continued**

State	2017								
	October			September			August		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	68.7	28.6	100.0	71.3	26.6	100.0	70.9	25.8
Alaska	100.0	96.7	100.0	100.0	96.4	100.0	100.0	96.4	100.0
Arizona	100.0	77.7	12.8	100.0	77.9	14.1	100.0	NA	11.8
Arkansas	100.0	NA	1.3	100.0	25.6	1.5	100.0	24.4	1.4
California	95.0	48.4	4.4	95.1	47.6	3.9	94.6	46.9	3.8
Colorado	100.0	94.0	NA	100.0	90.8	6.4	100.0	91.3	5.7
Connecticut	95.1	72.8	49.1	95.5	73.4	49.6	95.4	72.2	47.3
Delaware	100.0	23.7	0.2	100.0	NA	NA	100.0	23.3	0.1
District of Columbia	70.8	15.4	0.0	70.0	15.8	0.0	NA	16.0	0.0
Florida	92.0	27.7	3.2	NA	NA	3.8	92.4	NA	3.4
Georgia	100.0	100.0	29.1	100.0	100.0	27.3	100.0	100.0	25.7
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	72.8	2.5	100.0	64.3	2.5	100.0	63.0	2.9
Illinois	90.5	34.4	4.8	NA	21.3	NA	NA	20.6	2.9
Indiana	95.7	67.7	1.2	95.7	56.5	0.9	NA	53.1	0.9
Iowa	100.0	67.5	NA	100.0	53.9	2.5	100.0	54.7	1.9
Kansas	100.0	35.0	2.6	100.0	25.0	11.3	100.0	25.8	16.3
Kentucky	98.7	72.7	18.8	97.6	69.0	18.2	97.7	64.7	18.1
Louisiana	100.0	76.2	3.2	100.0	78.8	3.2	100.0	76.9	3.0
Maine	100.0	45.5	7.9	100.0	45.0	6.8	100.0	43.6	7.2
Maryland	NA	21.4	NA	73.3	17.3	NA	72.1	17.7	NA
Massachusetts	97.9	NA	NA	97.9	29.0	20.6	97.9	30.0	22.7
Michigan	94.0	52.9	3.6	93.6	39.0	2.6	93.5	36.3	2.1
Minnesota	100.0	87.6	16.8	100.0	75.4	12.9	100.0	70.9	12.3
Mississippi	100.0	82.2	8.9	100.0	79.9	8.2	100.0	81.0	7.6
Missouri	100.0	60.2	10.4	100.0	61.1	11.1	100.0	58.4	9.1
Montana	99.5	44.2	NA	99.5	37.9	0.8	99.4	37.3	0.9
Nebraska	84.4	46.2	4.9	88.9	43.5	5.1	89.3	42.0	3.9
Nevada	100.0	50.9	14.2	100.0	48.8	10.7	100.0	47.1	8.6
New Hampshire	100.0	46.4	3.5	100.0	45.5	3.0	100.0	46.6	3.4
New Jersey	94.8	34.1	NA	94.7	20.5	NA	95.0	25.3	NA
New Mexico	99.9	NA	10.2	99.9	46.9	8.9	99.9	47.0	12.0
New York	NA	100.0	4.2	100.0	100.0	4.1	100.0	100.0	4.6
North Carolina	100.0	84.2	9.7	100.0	76.2	9.6	100.0	75.6	8.6
North Dakota	100.0	90.0	30.1	100.0	88.3	8.6	100.0	86.8	32.8
Ohio	100.0	100.0	1.1	100.0	100.0	0.8	100.0	100.0	1.0
Oklahoma	100.0	23.5	0.3	100.0	28.0	0.4	100.0	27.0	0.4
Oregon	100.0	93.7	15.3	100.0	92.3	14.6	100.0	92.6	13.1
Pennsylvania	NA	31.4	0.4	87.8	28.7	0.3	87.8	28.8	0.3
Rhode Island	100.0	51.5	3.6	100.0	53.5	3.2	100.0	54.4	3.1
South Carolina	100.0	90.8	40.4	100.0	89.4	40.7	100.0	89.7	40.8
South Dakota	100.0	77.2	2.5	100.0	71.3	1.7	100.0	68.1	1.9
Tennessee	100.0	82.4	24.7	100.0	80.2	22.2	100.0	79.1	22.6
Texas	99.6	65.3	NA	99.8	63.4	38.4	99.7	62.1	39.5
Utah	100.0	67.8	3.4	100.0	58.4	3.8	100.0	55.2	4.0
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	NA	NA	8.5	87.0	NA	7.7	88.0	41.4	7.4
Washington	100.0	86.3	5.7	100.0	81.6	5.3	100.0	78.1	3.8
West Virginia	100.0	36.4	7.9	100.0	36.1	6.9	100.0	29.9	8.3
Wisconsin	100.0	63.6	15.2	100.0	52.1	10.7	100.0	52.4	11.3
Wyoming	72.7	53.5	1.5	74.9	54.3	1.9	72.7	50.4	1.4
<b>Total</b>	<b>96.5</b>	<b>61.6</b>	<b>14.2</b>	<b>96.1</b>	<b>56.2</b>	<b>13.6</b>	<b>95.7</b>	<b>55.6</b>	<b>14.2</b>

See footnotes at end of table.

**Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2016-2017 – continued**

State	2017								
	July			June			May		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	72.5	25.7	NA	NA	26.3	100.0	NA	25.6
Alaska	100.0	97.5	100.0	100.0	96.7	100.0	100.0	97.7	100.0
Arizona	100.0	79.9	14.1	100.0	81.4	12.6	100.0	80.4	14.6
Arkansas	100.0	23.5	1.5	30.3	25.2	1.2	100.0	NA	1.3
California	95.2	48.6	3.5	94.7	51.6	3.6	95.2	55.0	3.7
Colorado	100.0	90.8	5.7	100.0	90.6	5.4	100.0	92.4	6.2
Connecticut	95.2	73.0	50.1	95.4	72.4	47.7	95.1	72.7	49.3
Delaware	100.0	26.4	0.1	100.0	29.3	0.2	100.0	32.5	0.5
District of Columbia	66.9	20.9	0.0	69.8	16.0	0.0	72.0	17.5	0.0
Florida	92.4	28.9	3.2	91.9	30.2	3.4	91.1	29.7	3.4
Georgia	100.0	100.0	26.5	100.0	100.0	26.6	100.0	100.0	24.3
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	54.4	2.6	100.0	58.8	2.9	100.0	62.2	2.6
Illinois	86.1	23.8	2.4	83.8	23.0	3.0	82.3	24.9	3.8
Indiana	95.4	55.1	0.8	95.5	54.6	0.9	95.4	58.8	1.2
Iowa	100.0	51.8	2.0	100.0	52.8	1.7	100.0	61.0	1.8
Kansas	100.0	25.5	18.5	100.0	30.0	10.9	NA	NA	2.9
Kentucky	97.5	68.1	18.5	96.9	67.2	19.9	96.6	70.5	18.8
Louisiana	100.0	76.3	3.2	100.0	NA	3.4	100.0	78.3	3.1
Maine	100.0	43.1	8.0	100.0	53.2	6.4	100.0	56.2	8.7
Maryland	69.7	NA	NA	NA	20.0	NA	74.2	20.2	2.8
Massachusetts	98.0	30.8	23.0	98.0	36.0	24.2	98.0	40.6	NA
Michigan	92.6	36.9	2.5	93.4	38.5	2.9	92.5	46.0	3.8
Minnesota	100.0	76.6	14.9	100.0	73.8	11.4	100.0	82.4	13.9
Mississippi	100.0	80.2	8.3	100.0	78.4	8.4	100.0	80.5	8.6
Missouri	100.0	60.6	9.3	100.0	62.5	9.4	100.0	65.2	10.0
Montana	99.3	40.0	0.7	99.3	43.6	1.0	99.4	49.3	1.5
Nebraska	89.2	42.4	5.1	87.8	45.2	6.9	86.9	49.2	5.6
Nevada	100.0	49.3	9.9	100.0	52.8	10.2	100.0	52.0	12.5
New Hampshire	100.0	46.6	2.5	100.0	47.7	3.6	100.0	50.8	4.1
New Jersey	94.1	28.0	NA	94.7	28.2	NA	94.7	34.2	3.2
New Mexico	99.9	48.5	11.9	100.0	52.7	8.8	100.0	52.8	6.8
New York	100.0	100.0	NA	100.0	100.0	NA	100.0	100.0	5.5
North Carolina	100.0	75.9	8.8	100.0	NA	9.4	100.0	77.7	9.2
North Dakota	100.0	84.4	32.0	100.0	86.1	36.6	100.0	89.5	42.5
Ohio	100.0	100.0	0.8	100.0	100.0	0.7	NA	100.0	NA
Oklahoma	100.0	29.6	0.4	100.0	32.1	0.3	100.0	34.9	0.5
Oregon	100.0	92.8	13.1	100.0	92.5	13.3	100.0	93.2	14.0
Pennsylvania	87.6	27.4	NA	87.3	27.8	0.3	87.9	31.8	0.5
Rhode Island	100.0	50.7	3.4	100.0	47.9	4.1	100.0	48.5	4.0
South Carolina	100.0	90.5	38.9	100.0	90.4	40.7	100.0	90.1	41.0
South Dakota	100.0	73.1	2.3	100.0	71.0	2.3	100.0	77.8	2.7
Tennessee	100.0	80.6	21.0	100.0	81.8	22.7	100.0	82.3	22.7
Texas	99.8	62.7	39.1	99.8	65.6	38.6	99.8	NA	38.1
Utah	100.0	60.1	4.8	100.0	60.5	5.1	100.0	66.1	4.8
Vermont	100.0	100.0	100.0	100.0	NA	100.0	100.0	100.0	100.0
Virginia	86.4	NA	NA	86.2	41.2	7.3	NA	NA	9.8
Washington	100.0	79.9	4.3	100.0	NA	4.8	100.0	NA	5.2
West Virginia	NA	30.5	6.0	100.0	27.9	8.3	100.0	41.3	8.5
Wisconsin	100.0	52.9	13.5	100.0	55.7	10.2	100.0	62.1	12.7
Wyoming	71.7	53.0	1.5	71.2	51.1	1.5	71.6	49.5	1.7
<b>Total</b>	<b>95.8</b>	<b>57.1</b>	<b>14.5</b>	<b>94.5</b>	<b>58.0</b>	<b>14.4</b>	<b>95.6</b>	<b>61.0</b>	<b>13.8</b>

See footnotes at end of table.

**Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2016-2017 – continued**

State	2017								
	April			March			February		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	NA	27.0	100.0	77.9	27.4	100.0	82.0	27.1
Alaska	100.0	98.7	100.0	100.0	99.0	100.0	100.0	99.0	100.0
Arizona	100.0	82.0	15.1	100.0	82.9	13.9	NA	85.8	14.2
Arkansas	100.0	35.8	1.2	100.0	43.1	1.9	100.0	46.8	1.8
California	94.8	53.9	3.8	94.6	53.9	4.5	95.1	56.9	5.0
Colorado	100.0	92.7	7.6	100.0	93.8	7.5	100.0	94.3	9.0
Connecticut	96.1	76.9	NA	96.3	79.7	NA	96.5	76.8	51.7
Delaware	100.0	43.7	NA	100.0	40.0	0.6	100.0	44.6	0.6
District of Columbia	74.7	14.7	0.0	75.5	22.2	0.0	NA	23.1	0.0
Florida	90.5	30.6	3.8	90.3	31.3	3.4	90.4	31.3	4.0
Georgia	100.0	100.0	25.0	100.0	100.0	26.2	100.0	100.0	26.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	74.2	2.4	100.0	77.0	2.5	100.0	82.5	3.2
Illinois	82.8	30.1	5.0	86.4	38.3	8.5	85.3	37.1	8.3
Indiana	95.2	59.6	1.4	95.6	68.4	2.1	95.7	66.8	2.4
Iowa	100.0	64.9	2.2	100.0	71.4	NA	100.0	73.2	3.2
Kansas	100.0	44.2	3.5	100.0	48.6	4.2	100.0	56.1	1.5
Kentucky	95.4	73.5	18.4	96.8	79.3	19.8	96.3	80.6	18.3
Louisiana	100.0	81.4	3.3	100.0	NA	3.0	100.0	NA	3.3
Maine	100.0	64.6	10.3	100.0	62.8	11.3	100.0	64.6	10.6
Maryland	72.6	22.8	4.1	75.4	28.0	7.4	75.2	32.3	8.0
Massachusetts	98.2	NA	28.1	98.5	53.9	29.4	98.5	51.6	27.9
Michigan	93.3	58.5	6.8	93.6	58.5	8.3	93.0	59.7	9.0
Minnesota	100.0	86.7	15.9	100.0	91.8	17.4	100.0	92.1	17.9
Mississippi	44.1	81.5	8.1	100.0	85.2	NA	100.0	84.9	NA
Missouri	100.0	71.0	13.1	100.0	72.6	12.6	100.0	NA	17.2
Montana	99.4	50.5	2.0	99.4	51.4	1.7	99.3	55.5	2.7
Nebraska	88.1	56.0	7.2	87.6	59.5	NA	87.6	59.4	8.5
Nevada	100.0	56.9	15.7	100.0	62.5	16.2	100.0	69.3	20.0
New Hampshire	100.0	54.9	5.9	100.0	56.9	8.6	100.0	56.3	6.8
New Jersey	94.6	45.0	NA	94.6	48.4	NA	94.5	49.5	NA
New Mexico	100.0	53.7	NA	100.0	61.2	NA	100.0	64.0	4.3
New York	100.0	100.0	6.4	100.0	100.0	7.5	100.0	100.0	7.9
North Carolina	100.0	77.9	11.6	100.0	NA	11.8	100.0	84.4	12.4
North Dakota	100.0	92.5	41.4	100.0	94.1	38.9	100.0	94.1	28.3
Ohio	100.0	100.0	NA	100.0	100.0	NA	100.0	100.0	3.2
Oklahoma	100.0	38.7	0.5	100.0	45.0	0.8	100.0	52.5	1.5
Oregon	100.0	93.9	15.1	100.0	94.8	16.4	100.0	95.1	16.9
Pennsylvania	87.0	NA	0.9	88.1	39.6	1.6	87.4	39.8	1.7
Rhode Island	100.0	50.5	3.3	100.0	54.1	4.0	100.0	53.5	NA
South Carolina	100.0	90.0	41.6	100.0	91.7	41.0	100.0	91.9	43.1
South Dakota	100.0	79.4	4.1	100.0	82.8	5.2	100.0	83.6	7.1
Tennessee	100.0	86.6	23.2	100.0	89.3	24.4	100.0	91.0	24.0
Texas	99.8	66.4	39.2	99.7	72.8	39.0	99.8	NA	38.5
Utah	100.0	70.9	4.3	100.0	76.9	4.6	100.0	77.1	4.1
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.5	45.3	10.9	NA	NA	13.5	89.6	53.2	9.0
Washington	100.0	86.0	7.0	100.0	87.6	7.8	100.0	87.9	8.5
West Virginia	100.0	45.8	9.9	100.0	60.3	6.8	100.0	60.3	8.0
Wisconsin	100.0	69.9	14.8	100.0	75.2	17.7	100.0	76.8	18.8
Wyoming	72.8	52.8	1.7	70.6	49.2	1.7	71.0	49.4	2.0
<b>Total</b>	<b>95.3</b>	<b>65.0</b>	<b>14.5</b>	<b>95.7</b>	<b>67.8</b>	<b>15.0</b>	<b>95.9</b>	<b>69.1</b>	<b>15.0</b>

See footnotes at end of table.

**Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2016-2017 – continued**

State	2017						2016		
	January			Total			December		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	80.7	26.9	100.0	77.2	24.6	100.0	76.7	25.9
Alaska	100.0	99.1	100.0	100.0	98.5	100.0	100.0	99.1	100.0
Arizona	100.0	85.2	13.6	100.0	82.8	15.9	100.0	83.6	14.0
Arkansas	100.0	51.9	1.6	100.0	37.7	1.5	100.0	41.2	1.3
California	NA	56.6	4.8	95.1	51.1	3.9	95.5	54.0	4.1
Colorado	100.0	94.7	9.0	100.0	94.3	7.5	100.0	95.7	9.4
Connecticut	96.6	79.8	52.0	96.2	76.3	49.0	96.4	77.6	52.5
Delaware	100.0	44.7	0.6	100.0	37.2	0.3	100.0	36.1	0.5
District of Columbia	71.1	21.9	0.0	73.2	19.5	--	78.5	26.3	--
Florida	92.5	30.7	3.2	91.7	30.1	3.4	90.6	29.5	3.3
Georgia	100.0	100.0	25.1	100.0	100.0	22.0	100.0	100.0	23.6
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	87.0	2.7	100.0	75.0	2.4	100.0	85.4	2.6
Illinois	86.4	39.5	9.8	86.6	34.4	6.1	88.2	40.1	9.7
Indiana	95.9	68.8	2.7	95.7	66.3	1.7	95.9	70.9	2.2
Iowa	100.0	74.7	4.2	100.0	69.5	3.5	100.0	73.8	3.9
Kansas	100.0	60.9	1.4	100.0	46.2	7.7	100.0	57.4	1.7
Kentucky	96.7	83.1	17.8	96.9	78.0	17.4	97.5	82.4	17.9
Louisiana	100.0	NA	3.1	100.0	77.9	3.1	100.0	77.2	3.1
Maine	100.0	63.4	10.9	100.0	57.8	8.4	100.0	60.5	11.8
Maryland	73.5	30.4	8.6	74.1	25.7	4.0	77.8	31.1	6.3
Massachusetts	98.5	53.6	30.5	98.9	47.0	25.8	98.7	51.8	26.3
Michigan	93.3	62.8	10.6	92.9	55.0	6.3	93.3	60.9	9.1
Minnesota	100.0	91.1	21.7	100.0	85.1	15.7	100.0	89.7	18.7
Mississippi	100.0	87.7	9.7	100.0	84.2	9.7	100.0	86.6	9.3
Missouri	100.0	79.0	15.4	100.0	72.1	11.8	100.0	75.8	14.2
Montana	99.4	55.9	2.8	99.6	47.6	1.4	99.5	49.3	2.3
Nebraska	87.7	60.4	8.5	87.5	58.5	6.2	86.1	57.1	6.5
Nevada	100.0	69.1	18.7	100.0	58.5	12.7	100.0	65.4	17.6
New Hampshire	100.0	57.0	7.0	100.0	53.7	5.7	100.0	54.5	6.3
New Jersey	94.4	NA	NA	94.3	37.3	5.2	94.4	39.2	8.7
New Mexico	100.0	57.7	5.5	100.0	54.3	9.0	100.0	52.5	10.0
New York	100.0	100.0	7.6	100.0	100.0	5.9	100.0	100.0	5.9
North Carolina	100.0	87.4	13.9	100.0	83.1	10.6	100.0	85.6	12.1
North Dakota	100.0	94.5	36.6	100.0	92.8	31.6	100.0	94.2	28.1
Ohio	100.0	100.0	2.7	100.0	100.0	2.0	100.0	100.0	2.8
Oklahoma	100.0	53.6	1.9	100.0	40.4	0.5	100.0	38.1	0.8
Oregon	100.0	95.7	17.2	100.0	94.4	14.4	100.0	95.6	16.0
Pennsylvania	NA	41.1	1.9	87.6	37.4	1.0	88.0	40.4	1.5
Rhode Island	100.0	54.6	4.0	100.0	52.8	3.3	100.0	54.5	3.6
South Carolina	100.0	93.0	40.6	100.0	91.6	41.3	100.0	92.6	39.1
South Dakota	100.0	85.0	6.4	100.0	80.5	4.5	100.0	83.3	6.7
Tennessee	100.0	91.6	24.7	100.0	87.2	27.1	100.0	89.5	25.0
Texas	NA	NA	NA	99.8	70.7	40.1	99.7	75.8	37.5
Utah	100.0	80.8	4.2	100.0	76.1	5.5	100.0	80.8	5.0
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.4	59.9	13.2	90.1	51.7	10.1	92.0	63.1	14.1
Washington	100.0	89.4	9.0	100.0	85.4	6.2	100.0	90.1	8.0
West Virginia	100.0	61.6	7.0	100.0	51.7	9.6	100.0	61.5	8.5
Wisconsin	100.0	79.0	21.7	100.0	70.9	16.1	100.0	77.6	19.9
Wyoming	71.7	51.2	NA	72.8	51.8	1.8	74.5	58.2	2.1
<b>Total</b>	<b>96.0</b>	<b>70.5</b>	<b>15.0</b>	<b>95.8</b>	<b>64.8</b>	<b>14.7</b>	<b>96.0</b>	<b>68.2</b>	<b>14.7</b>

See footnotes at end of table.

**Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2016-2017 – continued**

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

<sup>R</sup> Revised data.

-- Not applicable.

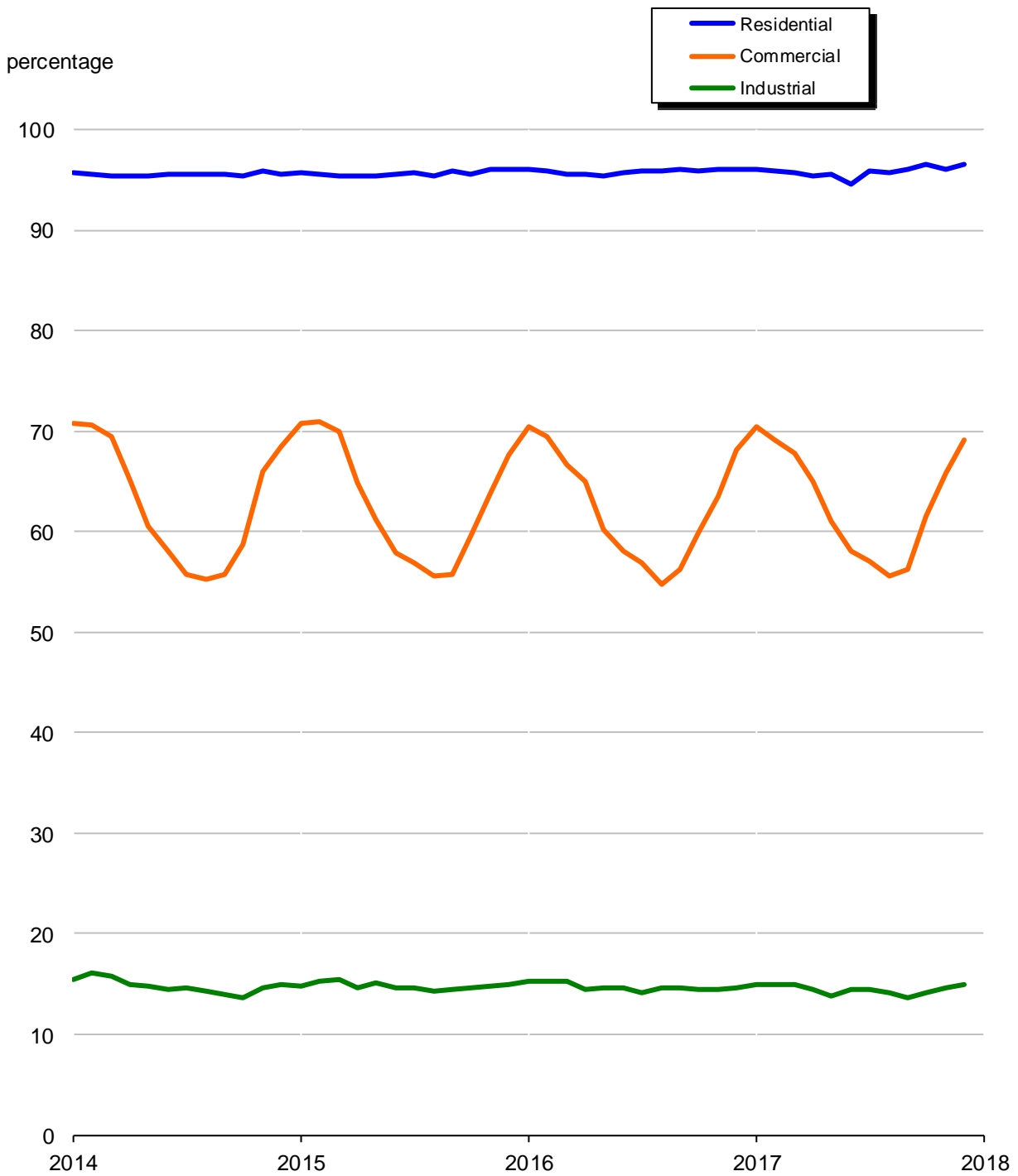
<sup>NA</sup> Not available.

**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							
	Total	December	November	October	September	August	July	June
Alabama	1,030	1,027	1,029	1,030	1,031	1,030	1,031	1,030
Alaska	990	992	996	983	980	964	974	988
Arizona	1,040	1,042	1,040	1,039	1,047	1,040	1,039	1,037
Arkansas	1,024	1,014	1,014	1,021	1,020	1,018	1,017	1,019
California	1,034	1,034	1,033	1,032	1,036	1,036	1,037	1,037
Colorado	1,066	1,065	1,061	1,069	1,067	1,074	1,072	1,069
Connecticut	1,026	1,029	1,029	1,026	1,026	1,026	1,026	1,025
Delaware	1,040	1,047	1,044	1,042	1,042	1,040	1,038	1,037
District of Columbia	1,042	1,045	1,041	1,033	1,034	1,034	1,030	1,029
Florida	1,023	1,022	1,020	1,021	1,022	1,025	1,024	1,023
Georgia	1,030	1,026	1,026	1,028	1,032	1,030	1,032	1,032
Hawaii	975	989	969	984	978	983	987	987
Idaho	1,036	1,038	1,031	1,030	1,037	1,034	1,035	1,069
Illinois	1,031	1,031	1,032	1,030	1,027	1,027	1,027	1,027
Indiana	1,046	1,043	1,050	1,049	1,049	1,050	1,049	1,044
Iowa	1,056	1,059	1,058	1,060	1,061	1,059	1,058	1,056
Kansas	1,036	1,032	1,038	1,034	1,037	1,034	1,034	1,033
Kentucky	1,043	1,055	1,056	1,060	1,051	1,042	1,040	1,043
Louisiana	1,029	1,021	1,020	1,023	1,025	1,022	1,022	1,020
Maine	1,026	1,031	1,030	1,022	1,017	1,018	1,017	1,021
Maryland	1,048	1,048	1,038	1,042	1,045	1,047	1,044	1,041
Massachusetts	1,031	1,031	1,030	1,030	1,030	1,031	1,032	1,030
Michigan	1,042	1,044	1,043	1,042	1,043	1,043	1,042	1,042
Minnesota	1,032	1,039	1,038	1,032	1,029	1,027	1,030	1,028
Mississippi	1,032	1,026	1,027	1,027	1,031	1,030	1,035	1,035
Missouri	1,021	1,021	1,021	1,022	1,020	1,021	1,018	1,020
Montana	1,036	1,052	1,045	1,052	1,042	1,048	1,045	1,040
Nebraska	1,057	1,059	1,054	1,065	1,071	1,069	1,070	1,066
Nevada	1,039	1,039	1,030	1,035	1,038	1,039	1,043	1,044
New Hampshire	1,030	1,033	1,031	1,029	1,028	1,028	1,026	1,030
New Jersey	1,040	1,042	1,042	1,036	1,039	1,038	1,036	1,036
New Mexico	1,043	1,042	1,042	1,041	1,046	1,045	1,043	1,040
New York	1,032	1,034	1,033	1,031	1,031	1,031	1,030	1,031
North Carolina	1,035	1,026	1,032	1,040	1,038	1,036	1,037	1,038
North Dakota	1,061	1,104	1,086	1,094	1,100	1,083	1,085	1,085
Ohio	1,071	1,074	1,071	1,076	1,070	1,069	1,067	1,068
Oklahoma	1,042	1,037	1,036	1,036	1,051	1,043	1,043	1,044
Oregon	1,055	1,059	1,062	1,059	1,058	1,067	1,073	1,086
Pennsylvania	1,039	1,042	1,041	1,039	1,039	1,038	1,038	1,038
Rhode Island	1,030	1,029	1,029	1,030	1,030	1,030	1,030	1,030
South Carolina	1,030	1,028	1,029	1,031	1,032	1,030	1,030	1,030
South Dakota	1,056	1,067	1,058	1,056	1,055	1,054	1,054	1,050
Tennessee	1,027	1,031	1,030	1,027	1,026	1,029	1,030	1,032
Texas	1,030	1,029	1,027	1,028	1,034	1,030	1,030	1,028
Utah	1,042	1,043	1,042	1,041	1,041	1,039	1,041	1,041
Vermont	1,030	1,033	1,033	1,026	1,021	1,022	1,020	1,026
Virginia	1,051	1,057	1,052	1,051	1,050	1,051	1,051	1,052
Washington	1,081	1,084	1,084	1,082	1,075	1,083	1,091	1,082
West Virginia	1,080	1,073	1,086	1,081	1,087	1,055	1,092	1,105
Wisconsin	1,033	1,035	1,039	1,034	1,027	1,027	1,026	1,029
Wyoming	1,063	1,052	1,047	1,049	1,050	1,058	1,055	1,053
<b>Total</b>	<b>1,037</b>	<b>1,039</b>	<b>1,037</b>	<b>1,035</b>	<b>1,036</b>	<b>1,035</b>	<b>1,035</b>	<b>1,035</b>

See footnotes at end of table.

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

State	2017					2016		
	May	April	March	February	January	Total	December	November
Alabama	1,031	1,030	1,028	1,029	1,028	1,029	1,030	1,030
Alaska	995	994	996	1,000	1,000	1,001	1,000	1,000
Arizona	1,038	1,038	1,040	1,043	1,042	1,037	1,039	1,034
Arkansas	1,016	1,022	1,017	1,019	1,018	1,019	1,019	1,021
California	1,033	1,033	1,034	1,034	1,036	1,035	1,034	1,032
Colorado	1,065	1,063	1,062	1,060	1,060	1,063	1,059	1,063
Connecticut	1,025	1,025	1,026	1,026	1,026	1,027	1,026	1,026
Delaware	1,037	1,041	1,045	1,045	1,047	1,046	1,047	1,045
District of Columbia	1,034	1,035	1,047	1,049	1,051	1,044	1,045	1,040
Florida	1,024	1,023	1,023	1,025	1,024	1,023	1,025	1,024
Georgia	1,033	1,030	1,029	1,033	1,030	1,030	1,031	1,030
Hawaii	984	959	954	972	955	981	954	947
Idaho	1,044	1,051	1,037	1,036	1,036	1,038	1,033	1,036
Illinois	1,028	1,030	1,030	1,031	1,033	1,031	1,033	1,031
Indiana	1,042	1,036	1,034	1,034	1,038	1,038	1,035	1,046
Iowa	1,057	1,055	1,052	1,052	1,052	1,056	1,056	1,059
Kansas	1,035	1,041	1,037	1,036	1,042	1,034	1,038	1,039
Kentucky	1,028	1,030	1,035	1,035	1,037	1,030	1,026	1,039
Louisiana	1,022	1,023	1,022	1,022	1,023	1,024	1,023	1,022
Maine	1,022	1,026	1,036	1,049	1,037	1,026	1,030	1,018
Maryland	1,046	1,043	1,055	1,056	1,054	1,051	1,050	1,045
Massachusetts	1,030	1,029	1,031	1,031	1,031	1,030	1,030	1,029
Michigan	1,043	1,039	1,042	1,045	1,045	1,041	1,044	1,048
Minnesota	1,034	1,032	1,033	1,028	1,028	1,037	1,033	1,033
Mississippi	1,032	1,032	1,035	1,035	1,034	1,031	1,033	1,037
Missouri	1,021	1,022	1,021	1,022	1,022	1,024	1,024	1,024
Montana	1,026	1,032	1,036	1,034	1,036	1,034	1,035	1,039
Nebraska	1,063	1,061	1,058	1,060	1,057	1,059	1,059	1,063
Nevada	1,035	1,039	1,039	1,040	1,041	1,041	1,041	1,038
New Hampshire	1,029	1,028	1,032	1,036	1,032	1,029	1,031	1,027
New Jersey	1,037	1,038	1,043	1,042	1,043	1,041	1,042	1,040
New Mexico	1,042	1,040	1,042	1,043	1,045	1,046	1,041	1,040
New York	1,031	1,032	1,033	1,033	1,033	1,031	1,033	1,031
North Carolina	1,040	1,045	1,033	1,032	1,033	1,035	1,032	1,034
North Dakota	1,080	1,080	1,078	1,083	1,076	1,083	1,092	1,075
Ohio	1,068	1,069	1,072	1,071	1,071	1,071	1,073	1,071
Oklahoma	1,041	1,042	1,041	1,043	1,046	1,049	1,053	1,050
Oregon	1,079	1,076	1,035	1,035	1,036	1,059	1,038	1,035
Pennsylvania	1,038	1,038	1,040	1,040	1,041	1,041	1,040	1,039
Rhode Island	1,029	1,029	1,029	1,029	1,029	1,029	1,028	1,028
South Carolina	1,032	1,031	1,030	1,031	1,030	1,030	1,031	1,029
South Dakota	1,051	1,049	1,050	1,051	1,055	1,056	1,052	1,052
Tennessee	1,032	1,029	1,028	1,031	1,032	1,030	1,033	1,035
Texas	1,029	1,030	1,026	1,029	1,027	1,030	1,029	1,028
Utah	1,042	1,042	1,043	1,043	1,043	1,042	1,043	1,042
Vermont	1,024	1,025	1,033	1,036	1,034	1,024	1,029	1,022
Virginia	1,051	1,055	1,057	1,052	1,057	1,053	1,054	1,055
Washington	1,077	1,080	1,078	1,075	1,076	1,078	1,080	1,083
West Virginia	1,094	1,103	1,086	1,089	1,084	1,097	1,085	1,083
Wisconsin	1,036	1,034	1,035	1,038	1,041	1,039	1,041	1,033
Wyoming	1,052	1,051	1,055	1,066	1,060	1,074	1,057	1,056
<b>Total</b>	<b>1,035</b>	<b>1,036</b>	<b>1,037</b>	<b>1,038</b>	<b>1,039</b>	<b>1,037</b>	<b>1,039</b>	<b>1,037</b>

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							
	October	September	August	July	June	May	April	March
Alabama	1,031	1,032	1,031	1,029	1,026	1,028	1,028	1,030
Alaska	1,001	1,002	1,003	1,003	1,003	1,002	1,001	1,001
Arizona	1,031	1,034	1,035	1,031	1,031	1,037	1,042	1,050
Arkansas	1,018	1,020	1,022	1,021	1,020	1,018	1,019	1,017
California	1,033	1,037	1,038	1,035	1,042	1,021	1,035	1,034
Colorado	1,069	1,075	1,074	1,072	1,071	1,066	1,065	1,055
Connecticut	1,026	1,026	1,025	1,025	1,026	1,025	1,026	1,026
Delaware	1,046	1,046	1,043	1,044	1,042	1,042	1,044	1,043
District of Columbia	1,035	1,038	1,038	1,038	1,034	1,035	1,040	1,043
Florida	1,023	1,026	1,026	1,023	1,020	1,021	1,023	1,024
Georgia	1,032	1,032	1,029	1,028	1,027	1,030	1,028	1,030
Hawaii	952	945	947	967	1,050	1,018	992	1,003
Idaho	1,035	1,035	1,035	1,028	1,035	1,044	1,056	1,044
Illinois	1,029	1,028	1,030	1,029	1,027	1,032	1,032	1,030
Indiana	1,048	1,042	1,047	1,035	1,042	1,038	1,034	1,032
Iowa	1,059	1,059	1,061	1,057	1,058	1,057	1,053	1,052
Kansas	1,037	1,038	1,039	1,033	1,034	1,032	1,033	1,037
Kentucky	1,027	1,030	1,038	1,033	1,025	1,018	1,026	1,023
Louisiana	1,022	1,026	1,028	1,022	1,023	1,022	1,021	1,022
Maine	1,016	1,019	1,026	1,023	1,023	1,019	1,024	1,030
Maryland	1,042	1,046	1,051	1,052	1,046	1,047	1,048	1,050
Massachusetts	1,029	1,029	1,028	1,028	1,029	1,029	1,029	1,030
Michigan	1,047	1,047	1,052	1,044	1,041	1,038	1,040	1,036
Minnesota	1,037	1,038	1,036	1,034	1,044	1,042	1,041	1,039
Mississippi	1,032	1,034	1,031	1,022	1,030	1,036	1,033	1,039
Missouri	1,024	1,023	1,024	1,022	1,022	1,021	1,024	1,024
Montana	1,029	1,034	1,033	1,028	1,029	1,023	1,023	1,027
Nebraska	1,068	1,069	1,073	1,070	1,064	1,064	1,062	1,048
Nevada	1,039	1,044	1,045	1,044	1,038	1,039	1,042	1,037
New Hampshire	1,028	1,026	1,026	1,026	1,028	1,027	1,029	1,031
New Jersey	1,038	1,038	1,039	1,038	1,037	1,037	1,039	1,042
New Mexico	1,039	1,048	1,055	1,046	1,049	1,052	1,048	1,048
New York	1,030	1,030	1,029	1,029	1,030	1,029	1,033	1,033
North Carolina	1,039	1,037	1,035	1,033	1,034	1,038	1,038	1,037
North Dakota	1,072	1,061	1,090	1,089	1,070	1,091	1,108	1,099
Ohio	1,072	1,068	1,067	1,068	1,069	1,070	1,068	1,070
Oklahoma	1,050	1,053	1,051	1,049	1,046	1,047	1,044	1,048
Oregon	1,038	1,038	1,046	1,045	1,044	1,043	1,038	1,036
Pennsylvania	1,040	1,041	1,039	1,040	1,041	1,042	1,042	1,042
Rhode Island	1,030	1,029	1,028	1,028	1,028	1,029	1,034	1,025
South Carolina	1,031	1,030	1,030	1,029	1,029	1,030	1,031	1,029
South Dakota	1,053	1,056	1,057	1,060	1,058	1,054	1,052	1,053
Tennessee	1,028	1,026	1,025	1,025	1,024	1,031	1,031	1,034
Texas	1,030	1,034	1,035	1,031	1,027	1,029	1,032	1,030
Utah	1,041	1,041	1,042	1,042	1,040	1,041	1,042	1,041
Vermont	1,019	1,016	1,017	1,016	1,025	1,023	1,028	1,030
Virginia	1,052	1,053	1,054	1,054	1,052	1,054	1,052	1,056
Washington	1,081	1,076	1,085	1,085	1,080	1,078	1,078	1,077
West Virginia	1,083	1,103	1,109	1,108	1,118	1,096	1,096	1,096
Wisconsin	1,036	1,029	1,026	1,026	1,033	1,037	1,038	1,038
Wyoming	1,050	1,054	1,058	1,053	1,048	1,053	1,055	1,071
<b>Total</b>	<b>1,036</b>	<b>1,037</b>	<b>1,037</b>	<b>1,034</b>	<b>1,034</b>	<b>1,034</b>	<b>1,037</b>	<b>1,037</b>

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				
	February	January	Total	December	November	October	September	August
Alabama	1,025	1,029	1,030	1,029	1,029	1,030	1,030	1,030
Alaska	1,000	1,000	1,001	1,000	1,001	1,001	1,001	1,002
Arizona	1,047	1,046	1,040	1,044	1,041	1,042	1,040	1,038
Arkansas	1,015	1,019	1,020	1,015	1,014	1,029	1,019	1,022
California	1,036	1,038	1,036	1,037	1,037	1,035	1,037	1,037
Colorado	1,052	1,050	1,060	1,051	1,060	1,069	1,076	1,069
Connecticut	1,026	1,026	1,027	1,026	1,027	1,028	1,026	1,026
Delaware	1,050	1,055	1,050	1,049	1,051	1,051	1,043	1,044
District of Columbia	1,049	1,051	1,044	1,044	1,039	1,045	1,035	1,036
Florida	1,025	1,015	1,024	1,023	1,023	1,023	1,024	1,024
Georgia	1,030	1,029	1,027	1,027	1,026	1,028	1,029	1,028
Hawaii	1,004	998	982	997	996	996	989	965
Idaho	1,038	1,034	1,030	1,041	1,035	1,033	1,024	1,028
Illinois	1,031	1,031	1,029	1,030	1,030	1,028	1,028	1,027
Indiana	1,033	1,030	1,027	1,033	1,034	1,039	1,041	1,044
Iowa	1,052	1,053	1,053	1,056	1,057	1,058	1,058	1,059
Kansas	1,036	1,032	1,035	1,031	1,035	1,037	1,039	1,042
Kentucky	1,025	1,027	1,022	1,024	1,021	1,024	1,020	1,015
Louisiana	1,025	1,024	1,025	1,023	1,022	1,023	1,023	1,024
Maine	1,037	1,035	1,027	1,027	1,025	1,026	1,019	1,018
Maryland	1,055	1,061	1,055	1,050	1,049	1,053	1,050	1,049
Massachusetts	1,032	1,031	1,029	1,030	1,029	1,028	1,027	1,028
Michigan	1,038	1,040	1,032	1,040	1,041	1,034	1,036	1,035
Minnesota	1,035	1,043	1,040	1,041	1,045	1,041	1,039	1,041
Mississippi	1,032	1,031	1,030	1,030	1,029	1,028	1,031	1,029
Missouri	1,023	1,024	1,012	1,023	1,024	1,025	1,026	1,026
Montana	1,030	1,033	1,032	1,034	1,034	1,032	1,032	1,033
Nebraska	1,054	1,054	1,057	1,053	1,055	1,060	1,068	1,071
Nevada	1,042	1,043	1,042	1,042	1,043	1,043	1,044	1,043
New Hampshire	1,039	1,035	1,030	1,030	1,029	1,029	1,028	1,028
New Jersey	1,043	1,044	1,045	1,044	1,044	1,041	1,041	1,042
New Mexico	1,048	1,046	1,038	1,046	1,042	1,048	1,040	1,049
New York	1,034	1,033	1,032	1,033	1,032	1,032	1,032	1,031
North Carolina	1,034	1,034	1,035	1,034	1,033	1,040	1,038	1,037
North Dakota	1,095	1,095	1,086	1,112	1,097	1,093	1,078	1,095
Ohio	1,072	1,073	1,068	1,077	1,077	1,071	1,071	1,068
Oklahoma	1,047	1,049	1,047	1,050	1,047	1,049	1,049	1,047
Oregon	1,034	1,033	1,048	1,036	1,035	1,036	1,038	1,039
Pennsylvania	1,045	1,048	1,046	1,046	1,046	1,045	1,044	1,044
Rhode Island	1,027	1,032	1,028	1,028	1,028	1,028	1,028	1,028
South Carolina	1,031	1,031	1,030	1,030	1,030	1,031	1,031	1,029
South Dakota	1,058	1,060	1,054	1,058	1,053	1,053	1,056	1,060
Tennessee	1,035	1,035	1,029	1,034	1,031	1,032	1,025	1,023
Texas	1,028	1,029	1,034	1,030	1,033	1,036	1,036	1,035
Utah	1,043	1,046	1,044	1,046	1,044	1,044	1,042	1,043
Vermont	1,032	1,029	1,025	1,027	1,027	1,030	1,020	1,019
Virginia	1,055	1,055	1,052	1,057	1,051	1,053	1,055	1,054
Washington	1,075	1,070	1,065	1,073	1,069	1,064	1,066	1,065
West Virginia	1,096	1,092	1,097	1,090	1,114	1,090	1,102	1,099
Wisconsin	1,046	1,045	1,042	1,044	1,043	1,045	1,034	1,040
Wyoming	1,052	1,056	1,060	1,054	1,046	1,040	1,041	1,044
<b>Total</b>	<b>1,038</b>	<b>1,038</b>	<b>1,037</b>	<b>1,038</b>	<b>1,038</b>	<b>1,037</b>	<b>1,037</b>	<b>1,036</b>

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						
	July	June	May	April	March	February	January
Alabama	1,032	1,032	1,031	1,032	1,029	1,026	1,028
Alaska	1,002	1,002	1,001	1,002	1,001	1,000	1,000
Arizona	1,038	1,036	1,038	1,040	1,036	1,038	1,038
Arkansas	1,023	1,020	1,022	1,025	1,023	1,023	1,021
California	1,037	1,037	1,033	1,034	1,033	1,035	1,034
Colorado	1,073	1,070	1,059	1,059	1,051	1,044	1,046
Connecticut	1,027	1,027	1,049	1,026	1,029	1,026	1,017
Delaware	1,044	1,055	1,055	1,051	1,062	1,061	1,061
District of Columbia	1,037	1,040	1,044	1,044	1,046	1,047	1,045
Florida	1,026	1,026	1,026	1,024	1,024	1,025	1,024
Georgia	1,030	1,031	1,028	1,026	1,025	1,026	1,025
Hawaii	1,011	1,005	990	959	947	954	968
Idaho	1,034	1,010	1,000	1,023	1,030	1,037	1,047
Illinois	1,027	1,027	1,029	1,028	1,029	1,030	1,027
Indiana	1,043	1,043	1,037	1,039	1,031	1,029	1,028
Iowa	1,059	1,060	1,054	1,051	1,047	1,047	1,045
Kansas	1,040	1,039	1,044	1,036	1,035	1,034	1,033
Kentucky	1,024	1,021	1,023	1,016	1,015	1,018	1,023
Louisiana	1,028	1,027	1,028	1,029	1,029	1,031	1,030
Maine	1,020	1,020	1,022	1,025	1,030	1,035	1,033
Maryland	1,055	1,057	1,058	1,051	1,058	1,061	1,059
Massachusetts	1,029	1,027	1,027	1,029	1,030	1,035	1,035
Michigan	1,034	1,033	1,028	1,035	1,030	1,026	1,027
Minnesota	1,043	1,047	1,044	1,037	1,033	1,034	1,041
Mississippi	1,030	1,030	1,032	1,037	1,031	1,033	1,036
Missouri	1,026	1,026	1,024	1,026	1,025	1,020	1,017
Montana	1,031	1,030	1,019	1,021	1,028	1,029	1,028
Nebraska	1,068	1,063	1,061	1,057	1,053	1,054	1,052
Nevada	1,044	1,045	1,043	1,043	1,041	1,040	1,040
New Hampshire	1,027	1,028	1,028	1,029	1,033	1,041	1,037
New Jersey	1,043	1,043	1,043	1,043	1,050	1,050	1,050
New Mexico	1,038	1,039	1,038	1,034	1,034	1,038	1,038
New York	1,031	1,032	1,032	1,034	1,034	1,035	1,034
North Carolina	1,038	1,033	1,035	1,035	1,030	1,028	1,030
North Dakota	1,117	1,089	1,084	1,084	1,072	1,078	1,036
Ohio	1,069	1,068	1,072	1,073	1,062	1,062	1,065
Oklahoma	1,050	1,049	1,048	1,045	1,044	1,043	1,042
Oregon	1,039	1,042	1,039	1,035	1,032	1,031	1,031
Pennsylvania	1,044	1,046	1,050	1,049	1,049	1,054	1,053
Rhode Island	1,028	1,028	1,028	1,029	1,029	1,029	1,029
South Carolina	1,031	1,030	1,030	1,029	1,028	1,028	1,030
South Dakota	1,062	1,059	1,054	1,051	1,047	1,048	1,048
Tennessee	1,027	1,025	1,025	1,027	1,029	1,029	1,028
Texas	1,036	1,036	1,036	1,034	1,029	1,028	1,026
Utah	1,043	1,043	1,043	1,049	1,047	1,046	1,039
Vermont	1,022	1,021	1,021	1,024	1,027	1,035	1,026
Virginia	1,056	1,055	1,055	1,045	1,051	1,053	1,056
Washington	1,070	1,069	1,065	1,062	1,060	1,054	1,052
West Virginia	1,099	1,096	1,107	1,103	1,069	1,084	1,097
Wisconsin	1,036	1,040	1,038	1,039	1,040	1,044	1,042
Wyoming	1,042	1,045	1,045	1,043	1,042	1,041	1,043
<b>Total</b>	<b>1,037</b>	<b>1,037</b>	<b>1,037</b>	<b>1,037</b>	<b>1,036</b>	<b>1,036</b>	<b>1,036</b>

**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."

Table 26. Natural gas home customer-weighted heating degree days

Month/Year/Type of data	New England	Middle Atlantic	East North Central	West North Central	South Atlantic
	CT, ME, MA, NH, RI, VT	NJ, NY, PA	IL, IN, MI, OH, WI	IA, KS, MN, MO, ND, NE, SD	DE, FL, GA, MD, DC, NC, SC, VA, WV
<b>November</b>					
Normal	702	665	758	841	443
2016	638	576	575	577	384
2017	706	674	743	780	433
% Diff (normal to 2017)	0.6	1.4	-2.0	-7.3	-2.3
% Diff (2016 to 2017)	10.7	17.0	29.2	35.2	12.8
<b>December</b>					
Normal	1,045	994	1,136	1,250	700
2016	1,004	945	1,147	1,240	633
2017	1,146	1,065	1,181	1,216	698
% Diff (normal to 2017)	9.7	7.1	4.0	-2.7	-0.3
% Diff (2016 to 2017)	14.1	12.7	3.0	-1.9	10.3
<b>January</b>					
Normal	1,209	1,155	1,303	1,391	803
2017	1,004	946	1,071	1,199	598
2018	1,205	1,189	1,275	1,343	860
% Diff (normal to 2018)	-0.3	2.9	-2.2	-3.5	7.1
% Diff (2017 to 2018)	20.0	25.7	19.1	12.0	43.8
<b>November to January</b>					
Normal	2,956	2,814	3,197	3,482	1,946
2017	2,646	2,467	2,793	3,016	1,615
2018	3,057	2,928	3,199	3,339	1,991
% Diff (normal to 2018)	3.4	4.1	0.1	-4.1	2.3
% Diff (2017 to 2018)	15.5	18.7	14.5	10.7	23.3

See footnotes at end of table.

Table 26. Natural gas home customer-weighted heating degree days – continued

Month/Year/Type of data	East South Central	West South Central	Mountain	Pacific <sup>b</sup>	U.S. Average <sup>b</sup>
	AL, KY, MS, TN	AR, LA, OK, TX	AZ, CO, ID, MT, NV, NM, UT, WY	CA, OR, WA	
<b>November</b>					
Normal	455	305	739	366	589
2016	351	172	550	263	452
2017	408	198	528	262	535
% Diff (normal to 2017)	-10.3	-35.1	-28.6	-28.4	-9.2
% Diff (2016 to 2017)	16.2	15.1	-4.0	-0.4	18.4
<b>December</b>					
Normal	722	537	998	531	884
2016	660	461	992	548	863
2017	724	512	892	412	875
% Diff (normal to 2017)	0.3	-4.7	-10.6	-22.4	-1.0
% Diff (2016 to 2017)	9.7	11.1	-10.1	-24.8	1.4
<b>January</b>					
Normal	829	612	1,026	532	990
2017	562	418	1,025	592	839
2018	907	644	848	382	958
% Diff (normal to 2018)	9.4	5.2	-17.4	-28.2	-3.2
% Diff (2017 to 2018)	61.4	54.1	-17.3	-35.5	14.2
<b>November to January</b>					
Normal	2,006	1,454	2,763	1,429	2,463
2017	1,573	1,051	2,567	1,403	2,154
2018	2,039	1,354	2,268	1,056	2,368
% Diff (normal to 2018)	1.7	-6.9	-17.9	-26.1	-3.9
% Diff (2017 to 2018)	29.6	28.8	-11.7	-24.7	9.9

<sup>a</sup> Normal is based on calculations of data from 1971 through 2000.

<sup>b</sup> Excludes Alaska and Hawaii.

**Note:** See Appendix A, Explanatory Note 10, for discussion of Heating Degree-Days computations.

**Source:** National Oceanic and Atmospheric Administration.

## 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
<b>Supply and Disposition</b>	
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
<b>Consumption by Sector</b>	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline and Distribution Use	Derived from Deliveries to Consumers
Residential	Estimated from sample data reported on Form EIA-857
Commercial	Estimated from sample data reported on Form EIA-857
Industrial	Estimated from sample data reported on Form EIA-857
Electric Power	Estimated from sample data reported on Form EIA-923
Vehicle Fuel	EIA computations

### Note 1. Production

#### *Monthly Data*

Estimates of gross withdrawals and marketed production for the Lower 48 states are derived from submissions by well operators on the monthly Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report." For 2017 forward, volumes are available only for those states/areas that were collected individually on

the EIA-914 survey (Arkansas, California (including State Offshore), Colorado, Federal Offshore Gulf of Mexico, Kansas, Louisiana (including State Offshore), Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas (including State Offshore), Utah, West Virginia, and Wyoming). The “other states” category comprises states/areas not individually collected on the EIA-914 survey (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia). All data for Alaska are obtained directly from the state. The sum of individual states may not equal total U.S. volumes due to independent rounding. (See the [EIA-914 Methodology](#) for an explanation of the procedure for estimating state gross withdrawals from reported volumes.)

Marketed production is estimated from gross withdrawals using historical relationships between the two. All monthly data are considered preliminary up to the cover year of the most recent [Natural Gas Annual](#).

### ***Annual Data***

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

## **Note 2. Natural Gas Plant Liquid (NGPL) Production**

### ***Monthly Data***

Monthly NGPL production is reported by gas processing plants on Form EIA-816, “Monthly Natural Gas Liquids Report.” These liquid volumes are converted to natural gas equivalents using factors consistent with industry standards published by the Gas Processors Association, and instructions to respondents to EIA’s annual survey of gas processing plants, Form EIA-64A, “Annual Report of the Origin of Natural Gas Liquids Production.” Separate values are used for ethane, propane, isobutane, and normal butane. A value for “natural gasoline,” reflecting pentanes and higher, is used. A separate value for isopentane is also used when reporting facilities have the capability to separate out and market isopentane on its own. The value for natural gasoline also includes isopentane - this value is used when estimating the volumetric equivalent of “pentanes plus” produced. These factors all are for “real” rather than “ideal” gas volumes stated at a pressure of 14.73 pounds per square inch absolute (psia) at 60 degrees Fahrenheit on a dry basis.

### ***Annual Data***

The final NGPL production estimates, published in the NGA, incorporate information received from gas processing plants on Form EIA-64A, “Annual Report of the Origin of Natural Gas Liquids Production.” Monthly NGPL production estimates are recalibrated to equate to this total.

### Note 3. Supplemental Gaseous Fuels

#### *Monthly Data*

All monthly data are considered preliminary until after the publication of the NGA for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Monthly data are revised after publication of the NGA. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This revised ratio is applied to the revised monthly sum of these three supply elements to compute final monthly data.

#### *Annual Data*

Annual data on supplemental gaseous fuel supply are reported on Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

### Note 4. Imports and Exports

#### *Monthly and Annual Data – Imports*

Monthly import and export data are from Form FE-746R, "Import and Export of Natural Gas," from the Office of Fossil Energy, U.S. Department of Energy. Annual data are the aggregate of the monthly data for that year.

### Note 5. Natural Gas Storage

Note that final monthly and annual storage levels, additions, and withdrawal data shown in Table 1 for 2012 through 2016 include both underground and liquefied natural gas (LNG) storage. Beginning in January 2013, U.S. totals include Alaska data. Prior to 2013, totals only included data from the lower 48 states. Beginning in November 2015, new region breakouts of the storage data shown in Tables 12 and 13 were introduced, replacing the Producing, East, and West region breakouts. The states included in each of the new regions are as follows:

*East Region:* Connecticut, Delaware, District of Columbia, Florida, Georgia, Massachusetts, Maryland, Maine, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Vermont, Virginia, and West Virginia.

*South Central Region:* Alabama, Arkansas, Kansas, Louisiana, Mississippi, Oklahoma, and Texas.

*Midwest Region:* Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Tennessee, and Wisconsin.

*Mountain Region:* Arizona, Colorado, Idaho, Montana, Nebraska, Nevada, New Mexico, North Dakota, South Dakota, Utah, and Wyoming.

*Pacific Region:* California, Oregon, and Washington.

### **Monthly Data**

Preliminary and final monthly data on underground storage levels, additions, and withdrawals are from the Form EIA-191, "Monthly Underground Gas Storage Report." All operators of underground storage fields complete the survey.

Estimates of monthly LNG additions and withdrawals are calculated by applying the proportion of each month's net injections to underground storage during the injection season to annual LNG additions and the proportion of each month's net withdrawals from underground storage during the withdrawal season to annual LNG withdrawals.

There are three principal types of underground storage facilities in operation in the United States today: salt caverns (caverns hollowed out in salt "bed" or "dome" formations), depleted fields (depleted reservoirs in oil and/or gas fields), and aquifer reservoirs (water-only reservoirs conditioned to hold natural gas). A storage facility's daily deliverability or withdrawal capability is the amount of gas that can be withdrawn from it in a 24-hour period. Salt cavern storage facilities generally have high deliverability because all of the working gas in a given facility can be withdrawn in a relatively short period of time. (A typical salt cavern cycle is 10 days to deplete working gas, and 20 days to refill working gas.) By contrast, depleted field and aquifer reservoirs are designed and operated to withdraw all working gas over the course of an entire heating season (about 150 days). Further, while both traditional and salt cavern facilities can be switched from withdrawal to injection operations during the heating season, this is usually more quickly and easily done in salt cavern facilities, reflecting their greater operational flexibility.

### **Annual Data**

Final annual data on additions and withdrawals from underground storage facilities are the sum of the monthly data from the EIA-191.

Annual data on LNG additions and withdrawals are from the EIA-176.

## **Note 6. Consumption**

### **Monthly Data**

All monthly data are considered preliminary until after publication of the NGA.

### **Annual Data**

All annual data are from the NGA. Total consumption is the sum of the components of consumption listed below. Monthly data are revised after publication of the NGA.

### **Residential, Commercial, and Industrial Consumption**

Preliminary estimates of monthly deliveries of natural gas to residential, commercial, and industrial consumers in 50 states are based on data reported on Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries." See Appendix C, "Statistical Considerations," for a detailed explanation of sample selection and estimation procedures. Monthly data for a given year are revised after the publication of the NGA to correct for any sampling errors. Final monthly data are

estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

### ***Vehicle Fuel Use***

Monthly U.S. total estimates of natural gas (compressed or liquefied) used as vehicle fuel are derived from an annual estimate of vehicle fuel use provided by the Office of Electricity, Renewables, and Uranium Statistics of EIA.

### ***Electric Power Consumption***

Monthly estimates of deliveries of natural gas to electric power producers are derived from data submitted by the sample of electric power producers reporting monthly on Form EIA-923, "Power Plant Operations Report," which replaced Form EIA-906, "Power Plant Report," and Form EIA-920, "Combined Heat and Power Plant Report." The estimates reported in the NGM represent gas delivered to electricity-only plants (utility and independent power producers) and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public. For a discussion of these estimates, see the [Electric Power Monthly](#).

### ***Pipeline and Distribution Use***

Preliminary monthly estimates are based on the pipeline fuel consumption as an annual percentage of total consumption from the previous year's Form EIA-176. This percentage is applied to each month's sum of total deliveries plus lease and plant fuel to compute the monthly estimate.

Monthly data are revised after the publication of the NGA. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each month's revised sum of total deliveries plus lease and plant fuel to compute final monthly pipeline fuel consumption estimates.

### ***Lease and Plant Fuel Consumption***

Preliminary monthly data are estimated based on lease and plant fuel consumption as an annual percentage of marketed production. This percentage is applied to each month's marketed production figure to compute estimated lease and plant fuel consumption.

Monthly data are revised after publication of the NGA. Final monthly plant fuel data are based on a revised annual ratio of plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each month's revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected directly from state agencies' websites where available. For states where these data are not available, lease fuel quantities were estimated by applying an average of the states' historical ratio of lease fuel to gross withdrawals. See the NGA for a complete discussion of this process.

## **Note 7. Balancing Item**

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

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

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

## Note 8. Average Price of Deliveries to Consumers

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

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

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

### *Monthly Data*

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

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

The NGPL composite spot price is calculated as:

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

where:

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

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

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

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

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

### **Annual Data**

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

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

### **Note 10. Heating Degree-Days**

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

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

### **Note 11. Heat Content**

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

This page intentionally blank.

## Appendix B

### Data Sources

---

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

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

### [Form EIA-176, “Annual Report of Natural and Supplemental Gas Supply and Disposition”](#)

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies; investor and municipally owned natural gas distributors; underground natural gas storage operators; synthetic natural gas plant operators; field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities); and/or companies that transport gas across a state border through field or gathering facilities. Each company is required to file if it meets the survey specifications. The mailing in 2017 for report year 2016 totaled approximately 2,038 questionnaire packages. While final nonresponse rates vary, the rates have averaged about 1 percent in recent years.

The Form EIA-176 is a multi-line, multi-page schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the state indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year are due by March 1st. Extensions of the filing deadline for up to 30 days are granted to any respondent upon request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

Data from Form EIA-176 are also published in the [Natural Gas Annual](#) (NGA) and are available from the Form EIA-176 Query system posted on the EIA website. Data reported on this form are not considered proprietary. Response to the form is mandatory.

### **Form EIA-895, “Monthly and Annual Quantity and Value of Natural Gas Report”**

Monthly production data were collected through Form EIA-895, “Monthly and Annual Quantity and Value of Natural Gas Report,” from January 1995 through December 2006. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the states. Data were not considered proprietary. All gas-producing states and the Bureau of Safety & Environmental Enforcement (and predecessor agencies) were requested to report on the Form EIA-895, a voluntary report that was used through 2010.

In 1996, an annual schedule was added to the voluntary Form EIA-895 to replace a prior annual production form. This annual schedule, designated Form EIA-895, continued to be used for collecting production data from states through 2010. In 2011, annual gas production data were obtained directly from publicly available state data.

The commercial recovery of methane from coalbeds and shale plays contributes a significant amount to the production totals in a number of states. Gross production quantities of natural gas from coalbed methane seams and shale plays (in thousand cubic feet) are obtained from PointLogic Energy. Previously, data from LCI Energy Insight (LCI) were used. In 2007-2009, an average daily production rate, available for each year, from coalbed methane and shale were used to allocate production data across months depending on the number of days in each month. For 2010 forward, monthly coalbed and shale data from LCI and, later, PointLogic Energy, were developed with the following method:

[Quarterly Daily Shale Production Rate (MMcf/day) x Number of Days in Quarter x 1000] x [Month Gross Production Volume / Quarter Gross Production Volume]

Beginning in 2010, for Pennsylvania, the quarterly shale data were also used to create a gross production monthly pattern. Data for coalbed and shale gas wells are not shown in the *Natural Gas Monthly*; however, coalbed and shale breakouts are available via the [Natural Gas Navigator](#).

The EIA-895 also collected data on volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on

lease; and marketed production as well as the monthly volume and value of marketed production. From 2011 forward, these data were obtained directly from the states or, where it was not available, estimated by EIA. The annual schedule of the EIA-895 also collected data on the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; the value of marketed production; and quantity of marketed production (value based). From 2011 forward, the same items were obtained directly from the states or estimated by EIA where it was not available. From 2011 forward, the number of producing wells is from *World Oil Magazine*. All volumes are in thousand cubic feet at the states' standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

### **[Form EIA-914, "Monthly Natural Gas Production Report"](#)**

The Form EIA-914 is a sample survey of well operators in the Lower 48 states and 16 states or regions (Arkansas, California, Colorado, Kansas, Louisiana, Montana, North Dakota, New Mexico, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and the Federal Offshore Gulf of Mexico). Current estimates of monthly production are based on this survey. The survey collects natural gas production volume information on a monthly basis, aggregated to the areas specifically requested. Two volumes are requested from respondents for each area in which they operate wells: (1) "gross withdrawals (wet)," which is the full-bore well stream gas minus lease condensate, oil, and water; and (2) "natural gas lease production," which is a measure indicating the net amount of produced gas leaving the lease to go to natural gas processing plants or directly to end-users. Estimates of gross withdrawals in a state are made from the reported gross withdrawal volumes. Marketed production is estimated from gross withdrawals using state estimates of repressuring, vented and flared, and nonhydrocarbon gases removed.

The EIA-914 survey form is an 11-page document, similar in format to other surveys in EIA's Office of Oil, Gas, and Coal Supply Statistics. The form was designed based on direct input from potential respondents during pre-survey design visits and the quality and usability of the survey instrument were established with cognitive testing conducted by survey methodologists in EIA's Statistics and Methods Group. Based on the test results, the form includes imbedded instructions, intended to help respondents complete the form without the need to refer to instructions located elsewhere.

A full description of the survey methodology may be found at the [EIA-914 Methodology](#).

### **[Form EIA-191, "Underground Natural Gas Storage Report"](#)**

The Form EIA-191, "Monthly Underground Natural Gas Storage Report," is completed by approximately 131 companies that operate underground facilities in the United States (prior to 2013, Alaska data were not included in the EIA-191 survey). The final monthly and annual response rates are 100 percent. The Form EIA-191 monthly schedule contains current month data on the total quantities of gas in storage, injections and withdrawals, the location (including state and county, field, reservoir) and peak day withdrawals during the reporting period. The annual schedule contains type of facility, storage field capacity, maximum deliverability

and pipelines to which each field is connected. The annual schedule for the prior year is filed with the December submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the last day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are submitted on separate forms for each month. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

The *Monthly Energy Review* contains data from the Form EIA-191 survey.

### [“Quarterly Natural Gas Import and Export Sales and Price Report”](#)

Beginning in 1995, import and export data have been taken from the “Quarterly Natural Gas Import and Export Sales and Price Report.” This report is prepared by the Office of Fossil Energy, U.S. Department of Energy, based on information submitted by all firms having authorization to import or export natural gas. The Office of Fossil Energy provides authorizations for imports or exports under Section 3 of the Natural Gas Act of 1938.

All companies are required, as a condition of their authorizations, to file monthly and quarterly reports with the Office of Fossil Energy. The data are reported at a monthly level of detail.

### [Form EIA-857, “Monthly Report of Natural Gas Purchases and Deliveries to Consumers”](#)

Monthly price and volume data on gas deliveries are collected on the Form EIA-857 from a sample of respondents representing the 50 states and the District of Columbia. Response to Form EIA-857 is mandatory and data are considered proprietary. Completed forms are required to be submitted to EIA on or before the 30th day after the end of the report month.

A sample of approximately 310 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies, report to the survey. The sample was selected independently for each of the 50 states and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 monthly. Each month about half the responses are received by the due date although response rates by first publication of the relevant month are approximately 95 percent. When a response is extremely late, volumes are imputed, as described in Appendix C, “Statistical Considerations.” When the company’s submission is eventually received, the submitted data are entered into the data system and used for subsequent processing and revisions.

Form EIA-857 data are used to estimate monthly sales of natural gas (volume and price) by state and monthly deliveries of natural gas on behalf of others (volume) by state to three consumer sectors --residential, commercial, and industrial. Data from Form EIA-857 are also used to calculate the citygate price. See Appendix

C for a discussion of the sample design and estimation procedures. Monthly prices of natural gas to the electric power sector are calculated from data reported on Form EIA-923, "Electric Power Plant Operations." Data from Form EIA-857 are also used to calculate the citygate price.

### **Form EIA-910, "Monthly Natural Gas Marketer Survey"**

The Form EIA-910, "Monthly Natural Gas Marketer Survey," collects information on natural gas sales from marketers in selected states (Florida, Georgia, Illinois, Maryland, Massachusetts, Michigan, New Jersey, New York, Ohio, Pennsylvania, West Virginia, Virginia, and the District of Columbia) that have active customer choice programs. Beginning in 2011, the EIA-910 is collected only in Georgia, New York and Ohio. These states were selected based on the percentage of natural gas sold by marketers in the residential and commercial end-use sectors. The survey collects monthly price and volume data on natural gas sold by all marketers in the selected states. A natural gas marketer is a company that competes with other companies to sell natural gas service, but relies on regulated local distribution companies to deliver the gas. The data collected on the Form EIA-910 are integrated with residential and commercial price data from the Form EIA-857 for the states where the EIA-910 data are collected as data quality becomes acceptable. Response to the EIA-910 is mandatory and data are considered proprietary.

Approximately 100 natural gas marketers currently report to the survey. Final monthly survey response rates are approximately 95 percent. Responses are filed with EIA in Washington, DC, on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit, and dollar values are reported as whole dollar.

This page intentionally blank.

## Appendix C

### Statistical Considerations

---

The monthly volumes and prices of natural gas to residential, commercial, and industrial consumers presented in this report by state are estimated from data reported on the Form EIA-857, “Monthly Report of Natural Gas Purchases and Deliveries to Consumers.”

Monthly prices in select states are supplemented with data from the Form EIA-910, “Monthly Natural Gas Marketer Survey.” (See Appendix B, “Data Sources,” for a description of these Forms.)

A description of the sample design and the estimation procedures is given below.

#### *Sample Design*

The Form EIA-857 implements a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate pipeline companies and local distribution companies.

The survey provides data that are used each month to estimate the volume of natural gas delivered and the price for onsystem sales of natural gas by state to three consumer sectors—residential, commercial, and industrial.

Monthly deliveries and prices of natural gas to the electric power sector are reported on the Form EIA-923, “Power Plant Operations Report.”

**Sample Universe.** The sample in use for 2017 was selected from a universe of 1,581 companies. These companies were respondents to the Form EIA-176, “Annual Report of Natural and Supplemental Gas Supply and Disposition,” for reporting year 2015, who reported sales or deliveries to consumers in the residential, commercial, or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

**Sampling Plan.** Beginning in 2012, EIA changed its sample design from single stage probability-proportional-to-size (“PPS”) to a cut off sample in order to reduce respondent burden and decrease processing costs. The skewness of the volume of reported natural gas within the primary traditional sectors of interest for the EIA-857, residential, commercial, and industrial, is sufficiently large to enable a cut-off design that will maintain estimates of similar quality as under the previous PPS sample design.

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

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

## Estimation Procedures

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

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

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

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

or (1)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

where:

$R_{adj}$  = sendout adjusted residential volume,

$C_{adj}$  = sendout adjusted commercial volume,

SO = sendout volume,

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

EP = reported electric power volume,

IN = reported industrial volume,

R = reported residential volume,

C = reported commercial volume.

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

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

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

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

where:

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

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

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

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

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

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

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

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

for Georgia, and,

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

for New York and Ohio, where:

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

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

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

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

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

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

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

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

#### Estimation for Nonrespondents and Edit Failures.

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

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

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

where:

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

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

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

## Final Revisions

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

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

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

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

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

The formula for revising the estimated consumption is:

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

where:

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

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

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

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

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

The formula for revising the estimated revenue is:

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

where:

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

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

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

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

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

### **Reliability of Monthly Data**

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

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

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

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

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

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

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

where:

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

$\sigma_e^2 = \sum_{i=1}^n \sigma_{0i}^2 / (n - 1)$ , 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, December 2017

State	Volume Relative Standard Error (Percent)				Price (Dollars per Thousand Cubic Feet)		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	1.3	1.9	1.2	0.9	0.22	0.19	0.09
Alaska	0.7	4.9	0.0	2.0	0.01	0.34	0.00
Arizona	4.0	6.1	4.2	3.0	0.31	0.08	0.09
Arkansas	5.2	1.6	3.4	2.1	0.04	0.17	0.03
California	2.2	2.3	0.2	1.0	0.20	0.43	0.32
Colorado	0.9	0.7	0.8	0.6	0.03	0.04	0.07
Connecticut	0.5	0.8	0.9	0.4	0.10	0.07	0.01
Delaware	0.0	NA	0.0	NA	0.00	0.00	NA
District of Columbia	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Florida	3.4	2.2	1.5	1.2	0.22	0.38	0.72
Georgia	0.0	0.0	2.0	0.0	0.03	0.02	0.20
Hawaii	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Idaho	0.6	0.5	0.0	0.3	0.01	0.01	0.00
Illinois	0.5	0.6	2.4	0.6	0.05	0.12	0.12
Indiana	0.8	0.7	0.9	0.5	0.03	0.08	0.36
Iowa	0.8	0.4	2.0	1.1	0.03	0.12	0.16
Kansas	2.0	2.3	3.6	1.8	0.07	0.08	0.45
Kentucky	0.9	1.0	1.0	0.6	0.13	0.15	0.15
Louisiana	0.9	1.9	1.0	0.9	0.12	0.16	0.08
Maine	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Maryland	0.2	NA	2.4	NA	0.04	0.09	0.37
Massachusetts	0.3	0.7	2.5	0.4	0.19	0.27	0.24
Michigan	0.4	0.6	1.5	0.4	0.02	0.05	0.04
Minnesota	1.7	1.7	NA	NA	NA	0.07	0.10
Mississippi	3.9	5.3	1.7	1.6	0.22	0.42	0.23
Missouri	0.7	0.3	2.1	0.5	0.03	0.04	0.06
Montana	0.4	0.4	NA	NA	0.09	0.12	NA
Nebraska	2.5	1.4	1.6	1.1	0.12	0.07	0.12
Nevada	0.0	0.0	0.5	0.1	0.00	0.00	0.07
New Hampshire	0.0	0.0	5.7	1.2	0.00	0.00	0.00
New Jersey	0.0	0.0	1.2	0.1	0.00	0.00	0.00
New Mexico	2.7	0.3	4.7	1.5	0.07	0.08	0.89
New York	0.0	0.0	1.8	0.0	0.03	0.02	0.33
North Carolina	0.2	0.3	0.3	0.2	0.05	NA	0.10
North Dakota	0.6	1.0	4.1	1.9	0.06	0.11	0.25
Ohio	0.0	0.0	2.2	0.0	0.05	0.04	NA
Oklahoma	2.8	1.6	1.9	1.3	0.07	0.20	0.84
Oregon	0.0	0.0	1.5	0.4	0.00	0.00	0.00
Pennsylvania	0.4	NA	NA	NA	0.04	0.06	0.18
Rhode Island	0.0	0.0	0.0	0.0	0.00	0.00	0.00
South Carolina	0.5	2.0	NA	NA	0.26	0.10	0.09
South Dakota	1.2	1.0	1.0	0.6	0.12	0.16	0.37
Tennessee	0.9	1.0	NA	NA	0.05	0.06	0.08
Texas	2.6	1.6	0.6	0.6	0.10	0.07	0.01
Utah	0.4	0.2	0.1	0.2	0.00	0.00	0.05
Vermont	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Virginia	0.8	0.6	1.5	0.5	0.18	0.09	0.64
Washington	1.2	0.9	1.4	0.7	0.05	0.03	0.03
West Virginia	2.6	0.3	2.1	1.2	0.15	0.23	0.67
Wisconsin	0.4	0.5	0.5	0.3	0.02	0.01	0.02
Wyoming	0.6	0.6	2.3	1.4	0.04	0.01	0.02
<b>Total</b>	<b>0.2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.2</b>	<b>0.02</b>	<b>0.02</b>	<b>0.00</b>

<sup>NA</sup> Not available.

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

This page intentionally blank.

---

## 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.