



*Independent Statistics & Analysis*  
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Administration

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# Natural Gas Monthly

August 2017



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## Preface

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

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

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

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

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## Highlights

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

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## Abbreviations

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### 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	2,771	2,391	141	2,250	5	135	741	-15	3,116
February	2,516	2,193	129	2,063	4	109	757	-8	2,927
March	2,824	2,439	144	2,296	5	93	201	-2	2,592
April	2,750	2,391	141	2,251	5	75	-329	12	2,013
May	2,791	2,444	144	2,300	5	70	-508	-4	1,863
June	2,669	2,368	139	2,229	5	68	-370	-24	1,908
July	2,758	2,448	144	2,304	5	73	-291	-14	2,077
August	2,742	2,446	144	2,302	5	69	-317	2	2,061
September	2,727	2,390	141	2,249	5	46	-381	-11	1,909
October	2,801	2,441	144	2,298	5	68	-339	-38	1,994
November	2,731	2,362	139	2,223	5	63	17	-52	2,255
December	2,814	2,438	144	2,295	5	66	272	-47	2,591
<b>Total</b>	<b>32,895</b>	<b>28,753</b>	<b>1,693</b>	<b>27,060</b>	<b>59</b>	<b>935</b>	<b>-546</b>	<b>-201</b>	<b>27,306</b>
<b>2016</b>									
January	£2,819	£2,424	148	£2,275	5	105	729	-16	3,098
February	£2,668	£2,304	140	£2,164	5	89	403	-7	2,655
March	£2,823	£2,431	157	£2,274	5	46	£49	R-15	2,358
April	£2,682	£2,340	151	£2,188	5	63	-164	-3	2,089
May	£2,779	£2,411	160	£2,250	5	60	R-329	R-16	1,971
June	£2,635	£2,304	156	£2,148	2	59	-222	16	2,003
July	£2,710	£2,372	160	£2,213	5	76	-133	29	2,190
August	£2,742	£2,394	152	£2,242	5	48	-124	43	2,214
September	£2,640	£2,303	147	£2,155	5	37	-262	14	1,949
October	£2,718	£2,352	160	£2,192	5	55	-308	-18	1,925
November	£2,684	£2,308	155	£2,153	5	3	35	-29	2,168
December	£2,748	£2,354	149	£2,205	5	30	676	-45	2,872
<b>Total</b>	<b>£32,647</b>	<b>£28,295</b>	<b>1,836</b>	<b>£26,459</b>	<b>59</b>	<b>671</b>	<b>£348</b>	<b>R-47</b>	<b>27,491</b>
<b>2017</b>									
January	£2,732	£2,345	151	£2,194	5	18	675	-11	2,882
February	£2,508	£2,153	146	£2,007	5	-1	285	19	2,315
March	£2,779	£2,383	163	£2,220	5	9	275	-5	2,504
April	RE2,692	RE2,318	157	RE2,161	5	-9	-230	R-19	1,908
May	RE2,786	RE2,406	166	RE2,240	3	-10	-341	R-13	1,880
June	£2,691	£2,350	162	£2,188	4	-14	-281	-14	1,883
<b>2017 6-Month YTD</b>	<b>£16,188</b>	<b>£13,955</b>	<b>944</b>	<b>£13,011</b>	<b>27</b>	<b>-6</b>	<b>383</b>	<b>-43</b>	<b>13,372</b>
<b>2016 6-Month YTD</b>	<b>£16,406</b>	<b>£14,212</b>	<b>913</b>	<b>£13,299</b>	<b>28</b>	<b>422</b>	<b>465</b>	<b>-41</b>	<b>14,173</b>
<b>2015 6-Month YTD</b>	<b>16,321</b>	<b>14,227</b>	<b>838</b>	<b>13,389</b>	<b>29</b>	<b>550</b>	<b>492</b>	<b>-42</b>	<b>14,419</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 2015 include underground storage and liquefied natural gas storage. Data for January 2016 forward include underground storage only. See Appendix A, Explanatory Note 5, for discussion of computation procedures.

<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): 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.

<sup>R</sup> Revised data.

<sup>E</sup> Estimated data.

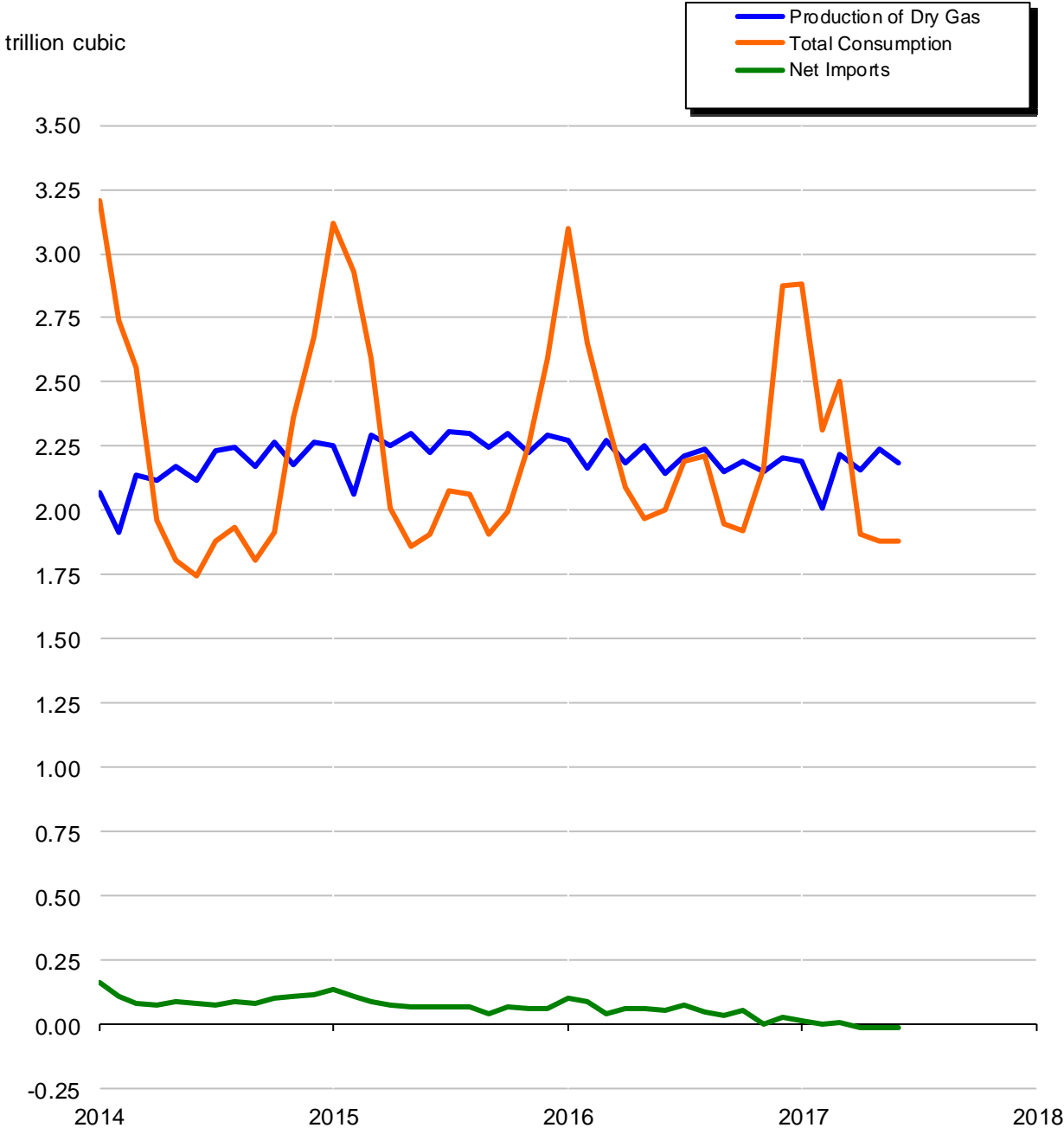
<sup>RE</sup> Revised estimated data.

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

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

Figure 1

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



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

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

(billion cubic feet, or as indicated)

Year and Month	Lease and Plant Fuel <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	132	77	937	532	720	714	3	2,906	3,116	1,036
February	121	73	902	517	661	651	3	2,733	2,927	1,036
March	135	64	633	385	663	709	3	2,394	2,592	1,036
April	132	49	319	232	609	668	3	1,832	2,013	1,037
May	135	45	177	160	604	739	3	1,684	1,863	1,037
June	131	46	124	135	576	893	3	1,732	1,908	1,037
July	135	50	108	134	593	1,054	3	1,891	2,077	1,037
August	135	50	103	135	601	1,035	3	1,876	2,061	1,036
September	132	46	108	138	580	902	3	1,731	1,909	1,037
October	135	48	201	195	614	798	3	1,811	1,994	1,037
November	130	55	406	283	639	737	3	2,069	2,255	1,038
December	135	64	591	352	675	771	3	2,393	2,591	1,038
<b>Total</b>	<b>1,587</b>	<b>666</b>	<b>4,610</b>	<b>3,199</b>	<b>7,535</b>	<b>9,671</b>	<b>39</b>	<b>25,054</b>	<b>27,306</b>	<b>1,037</b>
<b>2016</b>										
January	£134	£76	888	507	720	771	£3	2,889	3,098	1,038
February	£127	£65	697	415	661	686	£3	2,463	2,655	1,038
March	£134	£58	459	299	662	743	£3	2,166	2,358	1,037
April	£129	£51	331	234	620	721	£3	1,909	2,089	1,037
May	£133	£48	196	172	612	806	£3	1,789	1,971	1,034
June	£127	£49	123	139	590	971	£3	1,827	2,003	1,034
July	£131	£53	108	136	616	1,142	£4	2,005	2,190	1,034
August	£132	£54	101	141	627	1,155	£4	2,027	2,214	1,037
September	£127	£48	111	142	603	915	£4	1,775	1,949	1,037
October	£130	£47	189	192	622	741	£4	1,749	1,925	1,036
November	£127	£53	385	282	653	664	£4	1,987	2,168	1,037
December	£130	£70	802	464	733	669	£4	2,672	2,872	1,039
<b>Total</b>	<b>£1,561</b>	<b>£671</b>	<b>4,392</b>	<b>3,123</b>	<b>7,719</b>	<b>9,984</b>	<b>£41</b>	<b>25,259</b>	<b>27,491</b>	<b>1,037</b>
<b>2017</b>										
January	£129	£70	834	479	727	639	£4	2,682	2,882	1,039
February	£119	£56	£583	361	£642	550	£3	2,140	2,315	1,038
March	£131	£61	582	370	689	667	£4	2,312	2,504	1,037
April	RE128	£47	281	212	623	614	£4	1,734	1,908	1,036
May	RE133	£46	201	178	622	697	£4	£1,701	1,880	1,035
June	£130	£46	124	138	608	834	£4	1,708	1,883	1,035
<b>2017 6-Month YTD</b>	<b>£770</b>	<b>£326</b>	<b>2,604</b>	<b>1,738</b>	<b>3,911</b>	<b>4,002</b>	<b>£21</b>	<b>12,276</b>	<b>13,372</b>	<b>1,037</b>
<b>2016 6-Month YTD</b>	<b>£784</b>	<b>£346</b>	<b>2,696</b>	<b>1,766</b>	<b>3,865</b>	<b>4,698</b>	<b>£19</b>	<b>13,043</b>	<b>14,173</b>	<b>1,037</b>
<b>2015 6-Month YTD</b>	<b>785</b>	<b>353</b>	<b>3,092</b>	<b>1,962</b>	<b>3,833</b>	<b>4,375</b>	<b>20</b>	<b>13,281</b>	<b>14,419</b>	<b>1,036</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.

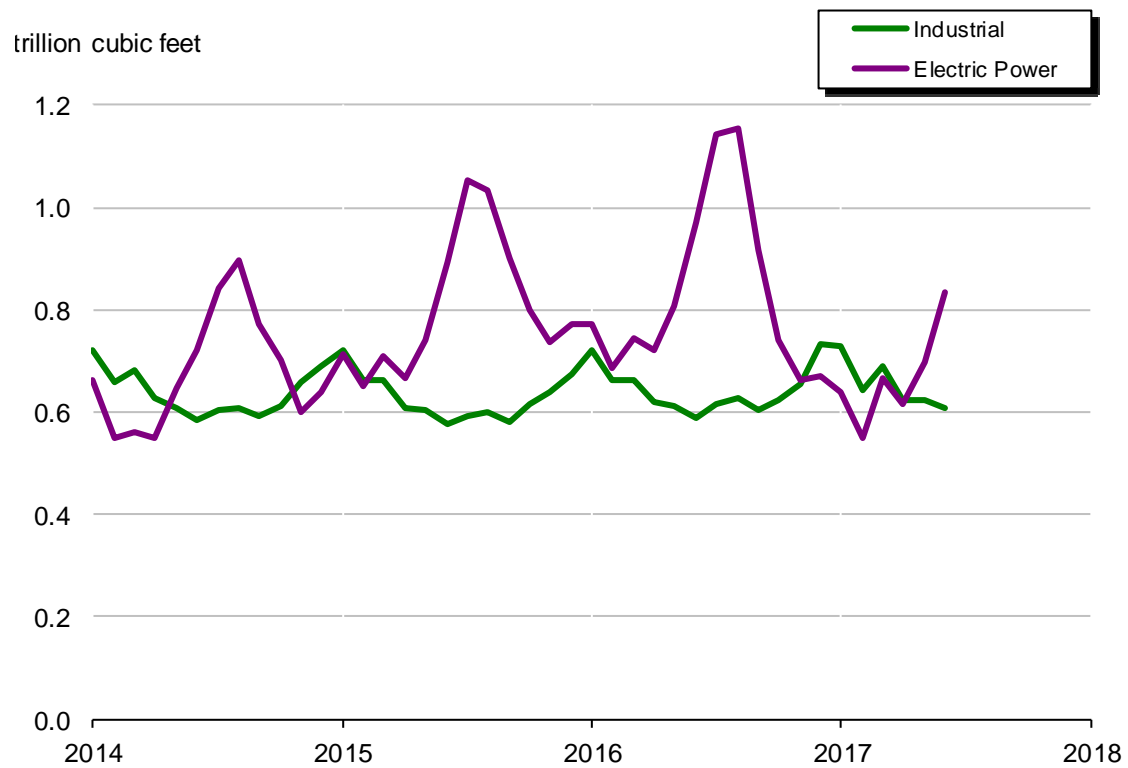
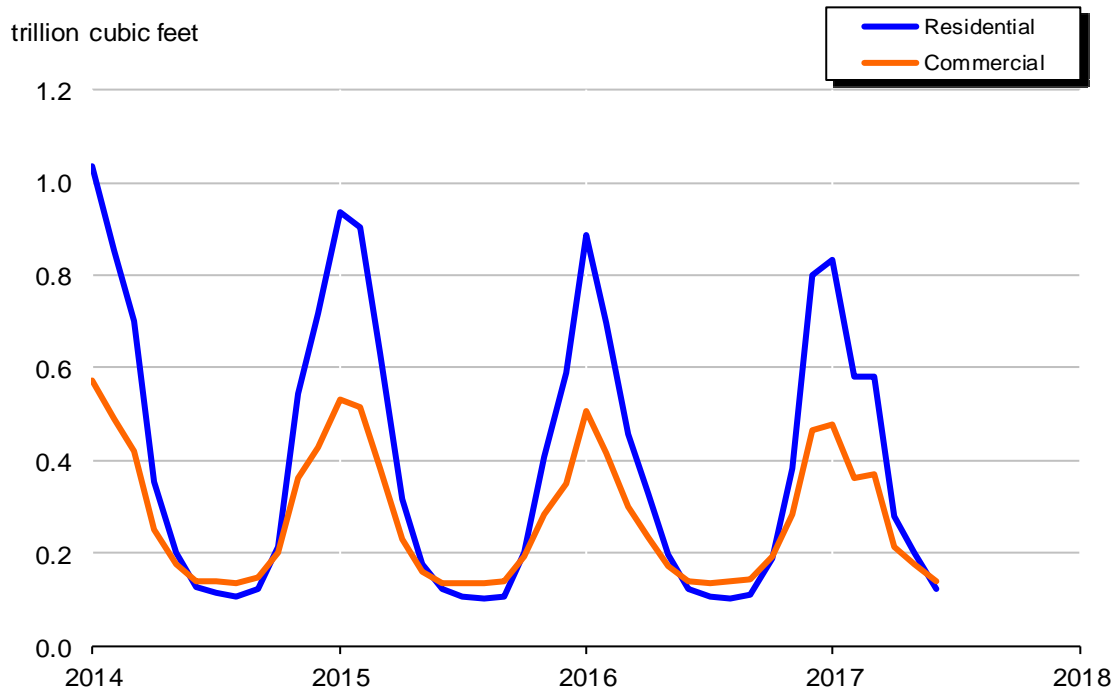
<sup>RE</sup> Revised estimated data.

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

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

Figure 2

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



Sources: 2014-2015: Energy Information Administration (EIA): Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-923, "Power Plant Operations Report"; EIA computations; and Natural Gas Annual 2015. January 2016 through current month: Form EIA-857 and Form EIA-923.

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

(dollars per thousand cubic feet, except where noted)

Year and Month	NGPL Composite Spot Price <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	8.14	70.9	4.87	15.0	4.29
February	5.70	2.87	4.57	9.08	95.6	7.81	71.0	4.71	15.4	4.99
March	5.52	2.83	4.36	9.28	95.4	7.84	69.9	4.43	15.6	3.71
April	5.58	2.61	3.93	10.44	95.4	8.02	64.8	3.94	14.9	3.23
May	5.25	2.85	4.24	12.73	95.4	8.13	61.2	3.56	15.4	3.28
June	4.78	2.78	4.44	15.07	95.5	8.52	57.9	3.74	14.9	3.24
July	4.73	2.84	4.65	16.28	95.7	8.49	56.9	3.73	14.9	3.23
August	4.42	2.77	4.59	16.89	95.4	8.45	55.6	3.77	14.6	3.22
September	4.89	2.66	4.56	16.40	95.9	8.42	55.8	3.63	14.8	3.19
October	4.95	2.34	4.00	12.60	95.5	7.78	59.5	3.52	14.9	3.03
November	4.72	2.09	3.68	10.02	96.0	7.39	63.9	3.26	15.1	2.78
December	4.23	1.93	3.75	9.27	96.1	7.22	67.6	3.45	15.2	2.71
<b>Annual Average</b>	<b>4.97</b>	<b>2.62</b>	<b>4.26</b>	<b>10.38</b>	<b>95.7</b>	<b>7.91</b>	<b>65.9</b>	<b>3.91</b>	<b>15.1</b>	<b>3.37</b>
<b>2016</b>										
January	3.69	2.28	3.40	8.30	96.1	6.72	70.5	3.62	15.3	3.17
February	3.89	1.99	3.49	8.39	95.8	6.83	69.5	3.63	15.4	2.83
March	4.48	1.73	3.49	9.21	95.6	7.05	66.8	3.04	15.3	2.33
April	4.65	1.92	3.22	9.66	95.6	6.95	65.1	2.99	14.5	2.52
May	5.11	1.92	3.46	11.63	95.4	7.29	60.4	2.90	14.6	2.49
June	5.25	2.59	3.99	14.49	95.7	7.70	58.1	2.89	14.6	2.77
July	4.92	2.82	4.45	16.59	95.9	8.10	57.0	3.57	14.3	3.07
August	4.94	2.82	4.37	17.65	95.8	8.26	54.9	3.58	14.7	3.07
September	5.25	2.99	4.61	16.82	96.0	8.28	56.2	3.73	14.6	3.19
October	6.05	2.98	4.19	13.76	95.9	7.94	60.0	3.87	14.5	3.24
November	5.45	2.55	3.90	10.77	96.0	7.61	63.6	3.86	14.5	3.14
December	6.66	3.59	3.96	9.07	96.0	7.25	68.2	4.31	14.7	4.16
<b>Annual Average</b>	<b>5.04</b>	<b>2.52</b>	<b>3.73</b>	<b>10.06</b>	<b>95.8</b>	<b>7.25</b>	<b>64.9</b>	<b>3.51</b>	<b>14.8</b>	<b>2.99</b>
<b>2017</b>										
January	6.77	3.30	R4.21	9.38	96.0	7.58	70.4	4.90	15.0	4.32
February	7.25	2.85	R4.11	10.05	95.9	7.89	69.0	4.62	R15.0	3.74
March	5.91	2.88	R3.86	9.91	95.7	7.68	67.8	4.02	15.0	3.52
April	6.25	3.10	4.18	11.38	95.2	8.04	65.0	R4.15	14.5	3.49
May	6.14	3.15	4.38	R13.18	95.6	R8.32	61.1	R4.07	13.9	3.62
June	5.73	2.97	4.76	15.98	94.5	8.77	58.0	4.09	14.5	3.41
<b>2017 6-Month YTD</b>	<b>6.32</b>	<b>3.05</b>	<b>4.16</b>	<b>10.52</b>	<b>95.7</b>	<b>7.89</b>	<b>66.9</b>	<b>4.33</b>	<b>14.7</b>	<b>3.67</b>
<b>2016 6-Month YTD</b>	<b>4.53</b>	<b>2.07</b>	<b>3.46</b>	<b>9.22</b>	<b>95.8</b>	<b>6.96</b>	<b>66.8</b>	<b>3.20</b>	<b>15.0</b>	<b>2.69</b>
<b>2015 6-Month YTD</b>	<b>5.32</b>	<b>2.82</b>	<b>4.40</b>	<b>9.87</b>	<b>95.6</b>	<b>8.00</b>	<b>68.2</b>	<b>4.24</b>	<b>15.2</b>	<b>3.75</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.

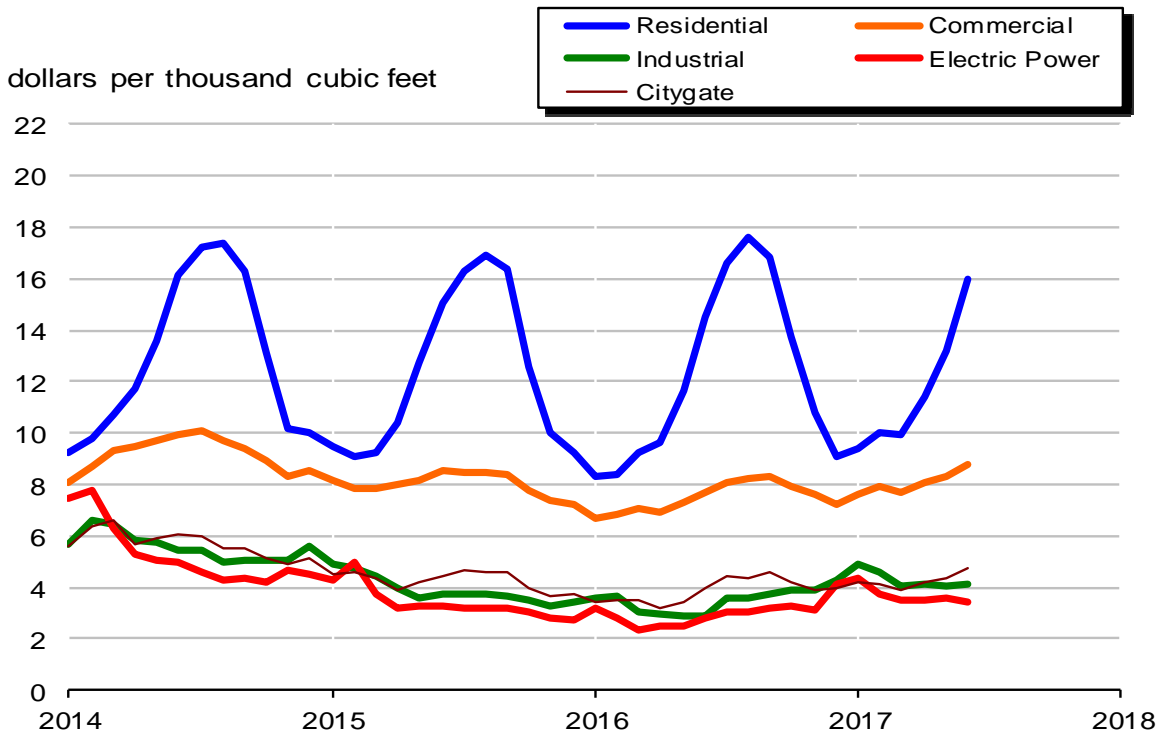
<sup>d</sup> The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Data include nonregulated members of the electric power sector.

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

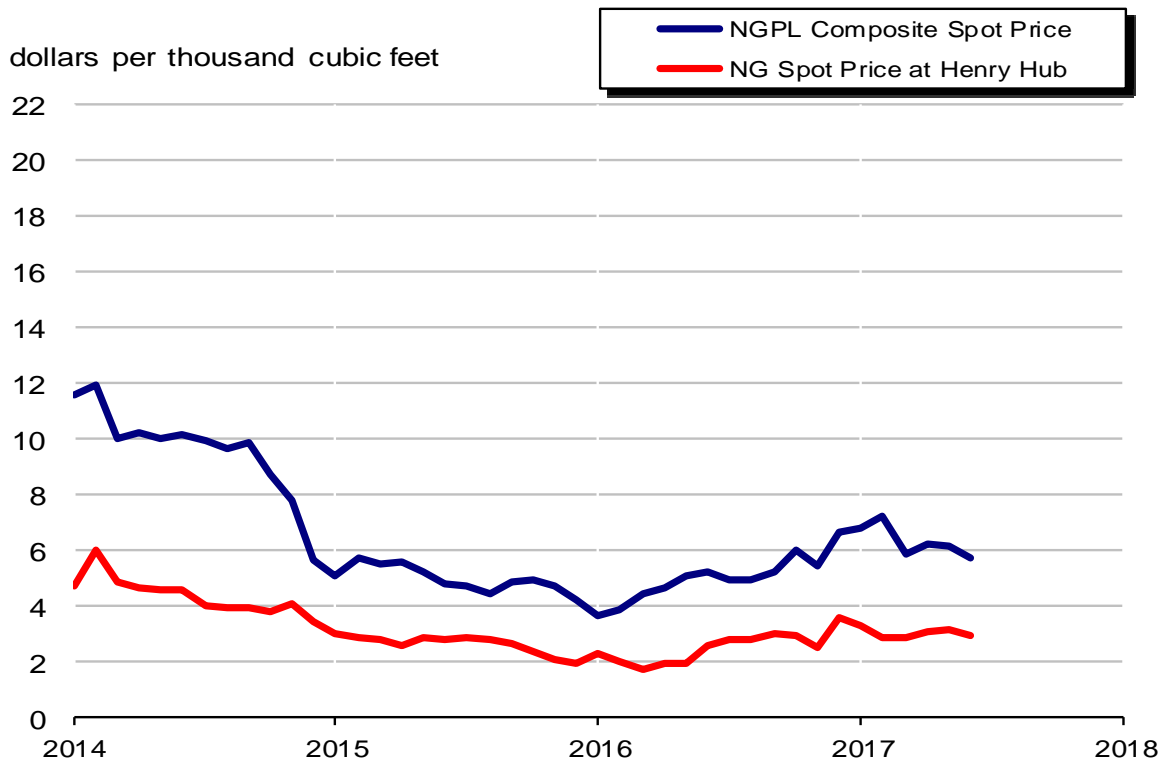
Figure 3. Average citygate and consumer prices of natural gas in the United States, 2014-2017



Note: Prices are in nominal dollars.

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

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



Note: Prices are in nominal dollars.

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

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

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

	2017	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	1,504,268	1,449,119	1,360,352	234,061	238,527	232,998	275,573
Mexico	474	424	468	78	78	79	83
<b>Total Pipeline Imports</b>	<b>1,504,743</b>	<b>1,449,543</b>	<b>1,360,820</b>	<b>234,140</b>	<b>238,604</b>	<b>233,077</b>	<b>275,656</b>
<b>LNG</b>							
By Truck							
Canada	652	583	160	212	220	186	8
By Vessel							
Nigeria	2,753	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	39,206	47,366	38,056	5,425	5,275	4,985	4,870
Yemen	0	0	7,441	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total LNG Imports</b>	<b>42,612</b>	<b>47,949</b>	<b>45,657</b>	<b>5,637</b>	<b>5,494</b>	<b>5,171</b>	<b>4,878</b>
<b>CNG</b>							
Canada	182	167	165	29	28	31	34
<b>Total CNG Imports</b>	<b>182</b>	<b>167</b>	<b>165</b>	<b>29</b>	<b>28</b>	<b>31</b>	<b>34</b>
<b>Total Imports</b>	<b>1,547,536</b>	<b>1,497,659</b>	<b>1,406,642</b>	<b>239,805</b>	<b>244,126</b>	<b>238,279</b>	<b>280,567</b>
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.75	1.81	3.29	2.51	2.59	2.53	2.57
Mexico	2.75	1.18	1.87	2.77	2.62	2.64	2.27
<b>Total Pipeline Imports</b>	<b>2.75</b>	<b>1.81</b>	<b>3.29</b>	<b>2.51</b>	<b>2.59</b>	<b>2.53</b>	<b>2.57</b>
<b>LNG</b>							
By Truck							
Canada	8.74	8.12	9.27	8.91	8.88	8.49	7.05
By Vessel							
Nigeria	5.82	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	4.75	4.16	8.88	3.37	3.65	3.56	4.34
Yemen	--	--	9.10	--	--	--	--
Other	--	--	--	--	--	--	--
<b>Total LNG Imports</b>	<b>4.88</b>	<b>4.21</b>	<b>8.92</b>	<b>3.58</b>	<b>3.86</b>	<b>3.74</b>	<b>4.35</b>
<b>CNG</b>							
Canada	4.09	2.28	5.87	1.64	1.86	1.76	1.91
<b>Total CNG Imports</b>	<b>4.09</b>	<b>2.28</b>	<b>5.87</b>	<b>1.64</b>	<b>1.86</b>	<b>1.76</b>	<b>1.91</b>
<b>Total Imports</b>	<b>2.94</b>	<b>2.02</b>	<b>3.76</b>	<b>2.62</b>	<b>2.70</b>	<b>2.64</b>	<b>2.68</b>
<b>Net Imports - Volume</b>	<b>-5,649</b>	<b>422,327</b>	<b>550,417</b>	<b>-13,517</b>	<b>R-9,737</b>	<b>-8,973</b>	<b>8,724</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
	February	January	Total	December	November	October	September
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	245,928	277,182	2,916,856	271,845	221,866	225,588	235,512
Mexico	74	83	917	64	83	83	82
<b>Total Pipeline Imports</b>	<b>246,002</b>	<b>277,264</b>	<b>2,917,774</b>	<b>271,910</b>	<b>221,949</b>	<b>225,671</b>	<b>235,594</b>
<b>LNG</b>							
By Truck							
Canada	8	18	924	16	41	58	72
By Vessel							
Nigeria	0	2,753	0	0	0	0	0
Norway	0	0	3,253	0	3,253	0	0
Trinidad/Tobago	8,468	10,183	84,190	8,838	5,779	5,696	2,810
Yemen	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total LNG Imports</b>	<b>8,477</b>	<b>12,955</b>	<b>88,367</b>	<b>8,854</b>	<b>9,073</b>	<b>5,753</b>	<b>2,882</b>
<b>CNG</b>							
Canada	26	35	299	27	22	25	15
<b>Total CNG Imports</b>	<b>26</b>	<b>35</b>	<b>299</b>	<b>27</b>	<b>22</b>	<b>25</b>	<b>15</b>
<b>Total Imports</b>	<b>254,504</b>	<b>290,254</b>	<b>3,006,439</b>	<b>280,791</b>	<b>231,044</b>	<b>231,449</b>	<b>238,491</b>
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.81	3.40	2.18	3.31	2.41	2.50	2.42
Mexico	2.94	3.29	1.85	2.56	2.34	2.50	2.43
<b>Total Pipeline Imports</b>	<b>2.81</b>	<b>3.40</b>	<b>2.18</b>	<b>3.31</b>	<b>2.41</b>	<b>2.50</b>	<b>2.42</b>
<b>LNG</b>							
By Truck							
Canada	7.22	9.12	8.07	7.51	7.92	7.93	8.04
By Vessel							
Nigeria	--	5.82	--	--	--	--	--
Norway	--	--	3.12	--	3.12	--	--
Trinidad/Tobago	6.39	5.48	4.06	4.62	5.96	3.05	3.13
Yemen	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--
<b>Total LNG Imports</b>	<b>6.39</b>	<b>5.56</b>	<b>4.07</b>	<b>4.63</b>	<b>4.95</b>	<b>3.10</b>	<b>3.25</b>
<b>CNG</b>							
Canada	6.07	10.64	1.97	3.24	0.97	0.72	1.22
<b>Total CNG Imports</b>	<b>6.07</b>	<b>10.64</b>	<b>1.97</b>	<b>3.24</b>	<b>0.97</b>	<b>0.72</b>	<b>1.22</b>
<b>Total Imports</b>	<b>3.14</b>	<b>3.74</b>	<b>2.24</b>	<b>3.50</b>	<b>2.70</b>	<b>2.59</b>	<b>2.47</b>
<b>Net Imports - Volume</b>	<b>-534</b>	<b>18,386</b>	<b>670,991</b>	<b>29,955</b>	<b>3,125</b>	<b>54,983</b>	<b>36,505</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
	August	July	June	May	April	March	February
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	253,793	259,132	234,145	243,017	236,451	232,095	241,948
Mexico	90	92	83	72	71	69	70
<b>Total Pipeline Imports</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>242,019</b>
<b>LNG</b>							
By Truck							
Canada	84	70	118	113	74	65	116
By Vessel							
Nigeria	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	7,998	5,703	7,520	5,087	4,693	8,503	9,612
Yemen	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total LNG Imports</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>9,728</b>
<b>CNG</b>							
Canada	17	25	19	29	28	33	29
<b>Total CNG Imports</b>	<b>17</b>	<b>25</b>	<b>19</b>	<b>29</b>	<b>28</b>	<b>33</b>	<b>29</b>
<b>Total Imports</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>	<b>251,775</b>
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.29	2.26	1.76	1.44	1.51	1.55	2.12
Mexico	2.27	2.45	1.41	1.10	1.03	0.82	1.22
<b>Total Pipeline Imports</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>2.12</b>
<b>LNG</b>							
By Truck							
Canada	8.11	7.95	7.80	7.72	7.88	8.74	8.58
By Vessel							
Nigeria	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	3.17	3.15	3.11	3.36	3.23	3.25	5.08
Yemen	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--
<b>Total LNG Imports</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>5.12</b>
<b>CNG</b>							
Canada	1.20	1.62	0.63	1.10	1.05	1.54	3.27
<b>Total CNG Imports</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>3.27</b>
<b>Total Imports</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>2.43</b>
<b>Net Imports - Volume</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>	<b>89,019</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						2015
	January	Total	December	November	October	September	August
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	261,462	2,625,359	221,550	210,632	217,493	203,066	202,567
Mexico	59	933	64	72	83	83	82
<b>Total Pipeline Imports</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	97	437	59	45	43	45	44
By Vessel							
Nigeria	0	0	0	0	0	0	0
Norway	0	12,194	3,105	3,097	5,992	0	0
Trinidad/Tobago	11,951	71,439	2,453	4,373	2,653	5,609	11,161
Yemen	0	7,441	0	0	0	0	0
Other	0	0	0	0	0	0	0
<b>Total LNG Imports</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	30	291	26	23	21	15	21
<b>Total CNG Imports</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>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	2.42	2.84	2.13	2.19	2.37	2.49	2.51
Mexico	1.50	1.71	1.22	1.08	1.55	1.65	1.84
<b>Total Pipeline Imports</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	8.21	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	5.45	6.98	6.08	5.63	6.25	6.02	3.43
Yemen	--	9.10	--	--	--	--	--
Other	--	--	--	--	--	--	--
<b>Total LNG Imports</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	5.41	4.18	3.78	3.02	1.99	1.14	0.52
<b>Total CNG Imports</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>2.80</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>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>R</sup> Revised data.

-- Not applicable.

**Note:** In the case of missing import or export reports on Form FE-746R, "Import and Export of Natural Gas," EIA estimates the missing volumes using pipeline flows or other available information. Prices are in nominal dollars. LNG prices are a volume-weighted average of the prices reported by cargo. See the "LNG Monthly" (<https://energy.gov/fe/listings/lng-reports>) from the Office of Fossil Energy, U.S. Department of Energy, for more information on what is included in the individual LNG prices.

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

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

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

	2017	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
<b>Exports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada	497,395	389,638	382,676	66,725	\$63,949	80,532	99,489
Mexico	744,815	635,788	462,243	134,118	129,110	116,027	128,774
<b>Total Pipeline Exports</b>	<b>1,242,210</b>	<b>1,025,426</b>	<b>844,919</b>	<b>200,844</b>	<b>\$193,058</b>	<b>196,559</b>	<b>228,263</b>
<b>LNG</b>							
Exports							
By Vessel							
Argentina	16,276	14,471	0	2,949	3,192	10,135	0
Barbados	104	11	0	16	15	15	20
Brazil	3,676	5,263	0	0	3,676	0	0
Chile	15,452	10,873	0	3,657	0	5,894	2,951
China	17,243	0	0	0	3,514	0	0
Dominican Republic	2,934	0	0	0	0	0	2,934
Egypt	0	0	0	0	0	0	0
India	10,435	6,461	0	3,413	0	0	0
Italy	3,120	0	0	3,120	0	0	0
Japan	28,986	0	0	3,683	3,667	7,398	0
Jordan	18,420	0	0	0	3,453	0	6,655
Kuwait	16,803	3,610	0	0	3,281	6,784	3,360
Malta	867	0	0	0	0	0	0
Mexico	87,661	0	0	24,763	10,023	13,730	10,728
Netherlands	3,042	0	0	0	3,042	0	0
Pakistan	3,166	0	0	0	0	0	3,166
Poland	3,440	0	0	0	3,440	0	0
Portugal	8,759	3,700	0	0	3,625	0	0
South Korea	24,586	0	0	7,431	6,818	3,295	7,042
Spain	11,768	0	0	0	0	0	0
Taiwan	2,949	0	5,503	0	2,949	0	0
Thailand	3,113	0	0	0	0	0	3,113
Turkey	10,923	0	0	0	0	0	3,521
United Arab Emirates	13,408	3,391	0	0	10,062	3,347	0
United Kingdom	3,410	0	0	3,410	0	0	0
By Truck							
Canada	3	2	34	0	0	0	3
Mexico	305	150	100	19	26	70	61
Re-Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Brazil	0	1,290	5,533	0	0	0	0
Egypt	0	0	0	0	0	0	0
India	0	547	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
<b>Total LNG Exports</b>	<b>310,849</b>	<b>49,769</b>	<b>11,170</b>	<b>52,462</b>	<b>60,782</b>	<b>50,669</b>	<b>43,553</b>
<b>CNG</b>							
Canada	126	138	136	16	\$23	24	27
<b>Total CNG Exports</b>	<b>126</b>	<b>138</b>	<b>136</b>	<b>16</b>	<b>\$23</b>	<b>24</b>	<b>27</b>
<b>Total Exports</b>	<b>1,553,185</b>	<b>1,075,333</b>	<b>856,225</b>	<b>253,322</b>	<b>\$253,864</b>	<b>247,251</b>	<b>271,843</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	
	February	January	Total	December	November	October	September
<b>Exports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada	87,890	98,811	771,094	97,178	74,544	43,471	61,499
Mexico	115,089	121,696	1,377,305	111,815	120,378	129,984	123,722
<b>Total Pipeline Exports</b>	<b>202,979</b>	<b>220,508</b>	<b>2,148,399</b>	<b>208,993</b>	<b>194,922</b>	<b>173,455</b>	<b>185,222</b>
<b>LNG</b>							
Exports							
By Vessel							
Argentina	0	0	16,661	0	0	0	0
Barbados	15	22	100	22	18	15	14
Brazil	0	0	9,196	0	0	0	0
Chile	2,950	0	29,405	0	2,940	0	0
China	10,338	3,391	17,221	6,747	7,341	0	0
Dominican Republic	0	0	2,945	0	0	0	0
Egypt	0	0	3,606	3,606	0	0	0
India	3,399	3,623	16,915	0	3,115	0	3,639
Italy	0	0	3,328	0	3,328	0	0
Japan	3,705	10,533	11,137	11,137	0	0	0
Jordan	2,945	5,368	9,870	0	0	2,942	3,362
Kuwait	3,378	0	7,068	0	0	0	3,458
Malta	0	867	0	0	0	0	0
Mexico	14,407	14,010	27,470	7,169	13,300	0	3,315
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	1,692	3,442	3,700	0	0	0	0
South Korea	0	0	10,166	10,166	0	0	0
Spain	1,766	10,002	2,930	0	0	0	0
Taiwan	0	0	0	0	0	0	0
Thailand	0	0	0	0	0	0	0
Turkey	7,402	0	8,762	2,936	2,886	0	2,941
United Arab Emirates	0	0	3,391	0	0	0	0
United Kingdom	0	0	0	0	0	0	0
By Truck							
Canada	0	0	2	0	0	1	0
Mexico	44	85	375	42	48	42	35
Re-Exports							
By Vessel							
Argentina	0	0	612	0	0	0	0
Brazil	0	0	1,433	0	0	0	0
Egypt	0	0	0	0	0	0	0
India	0	0	547	0	0	0	0
Turkey	0	0	0	0	0	0	0
<b>Total LNG Exports</b>	<b>52,042</b>	<b>51,342</b>	<b>186,841</b>	<b>41,825</b>	<b>32,976</b>	<b>3,000</b>	<b>16,764</b>
<b>CNG</b>							
Canada	18	19	208	18	22	11	0
<b>Total CNG Exports</b>	<b>18</b>	<b>19</b>	<b>208</b>	<b>18</b>	<b>22</b>	<b>11</b>	<b>0</b>
<b>Total Exports</b>	<b>255,038</b>	<b>271,868</b>	<b>2,335,448</b>	<b>250,836</b>	<b>227,919</b>	<b>176,466</b>	<b>201,986</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						
	August	July	June	May	April	March	February
<b>Exports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada	55,012	49,750	50,715	62,768	62,931	81,403	62,192
Mexico	132,446	123,173	115,836	115,606	104,857	103,413	97,234
<b>Total Pipeline Exports</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>159,426</b>
<b>LNG</b>							
Exports							
By Vessel							
Argentina	2,190	0	8,161	0	6,310	0	0
Barbados	11	8	2	1	3	2	2
Brazil	3,933	0	0	0	0	3,270	1,993
Chile	9,518	6,074	4,643	6,230	0	0	0
China	0	3,132	0	0	0	0	0
Dominican Republic	2,945	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
India	3,701	0	3,617	0	0	2,844	0
Italy	0	0	0	0	0	0	0
Japan	0	0	0	0	0	0	0
Jordan	0	3,566	0	0	0	0	0
Kuwait	0	0	0	3,610	0	0	0
Malta	0	0	0	0	0	0	0
Mexico	3,686	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	3,700	0	0
South Korea	0	0	0	0	0	0	0
Spain	0	2,930	0	0	0	0	0
Taiwan	0	0	0	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	3,391	0
United Kingdom	0	0	0	0	0	0	0
By Truck							
Canada	0	0	0	0	0	0	0
Mexico	30	28	22	33	23	24	24
Re-Exports							
By Vessel							
Argentina	612	0	0	0	0	0	0
Brazil	142	0	0	0	0	0	1,290
Egypt	0	0	0	0	0	0	0
India	0	0	0	0	0	547	0
Turkey	0	0	0	0	0	0	0
<b>Total LNG Exports</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>3,309</b>
<b>CNG</b>							
Canada	0	20	18	25	28	21	22
<b>Total CNG Exports</b>	<b>0</b>	<b>20</b>	<b>18</b>	<b>25</b>	<b>28</b>	<b>21</b>	<b>22</b>
<b>Total Exports</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>	<b>162,757</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
	January	Total	December	November	October	September	August
<b>Exports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada	69,629	700,647	58,603	61,260	57,430	59,695	40,986
Mexico	98,841	1,054,271	99,952	91,490	98,314	100,111	101,131
<b>Total Pipeline Exports</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
Barbados	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0
China	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0
Egypt	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0
Italy	0	0	0	0	0	0	0
Japan	0	8,262	0	0	2,755	0	2,753
Jordan	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0
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	8,257	0	0	0	2,755	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	2	41	0	1	0	2	0
Mexico	25	195	27	21	14	11	10
Re-Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Brazil	0	5,533	0	0	0	0	0
Egypt	0	2,947	0	2,947	0	0	0
India	0	0	0	0	0	0	0
Turkey	0	3,145	3,145	0	0	0	0
<b>Total LNG Exports</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	25	214	27	20	4	0	5
<b>Total CNG Exports</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>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
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
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
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 6-Month YTD	2016 6-Month YTD	2015 6-Month YTD	June	May	April	2017 March
<b>Exports</b>							
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	3.26	2.21	3.52	3.02	3.16	3.19	3.01
Mexico	3.23	2.18	3.00	3.13	3.20	3.27	2.93
<b>Total Pipeline Exports</b>	<b>3.25</b>	<b>2.19</b>	<b>3.24</b>	<b>3.10</b>	<b>3.19</b>	<b>3.24</b>	<b>2.97</b>
<b>LNG</b>							
Exports							
By Vessel							
Argentina	4.64	4.47	--	3.87	4.77	4.82	--
Barbados	10.40	11.04	--	10.40	10.40	10.40	10.40
Brazil	4.63	3.72	--	--	4.63	--	--
Chile	6.63	4.70	--	6.46	--	6.65	6.26
China	4.81	--	--	--	4.62	--	--
Dominican Republic	5.59	--	--	--	--	--	5.59
Egypt	--	--	--	--	--	--	--
India	4.48	4.42	--	4.67	--	--	--
Italy	4.38	--	--	4.38	--	--	--
Japan	6.86	--	--	6.99	6.88	6.92	--
Jordan	4.82	--	--	--	3.76	--	4.42
Kuwait	4.36	3.27	--	--	4.77	4.19	3.14
Malta	4.70	--	--	--	--	--	--
Mexico	5.29	--	--	4.40	4.67	4.31	5.25
Netherlands	6.35	--	--	--	6.35	--	--
Pakistan	3.14	--	--	--	--	--	3.14
Poland	4.26	--	--	--	4.26	--	--
Portugal	6.88	3.58	--	--	6.35	--	--
South Korea	4.47	--	--	3.87	4.88	6.39	3.81
Spain	6.41	--	--	--	--	--	--
Taiwan	4.43	--	7.65	--	4.43	--	--
Thailand	3.14	--	--	--	--	--	3.14
Turkey	6.17	--	--	--	--	--	4.60
United Arab Emirates	3.87	4.18	--	--	3.89	3.80	--
United Kingdom	3.87	--	--	3.87	--	--	--
By Truck							
Canada	8.39	7.41	12.45	--	--	--	8.39
Mexico	9.23	9.71	10.45	9.04	8.90	8.95	8.64
Re-Exports							
By Vessel							
Argentina	--	--	--	--	--	--	--
Brazil	--	3.54	15.20	--	--	--	--
Egypt	--	--	--	--	--	--	--
India	--	3.99	--	--	--	--	--
Turkey	--	--	--	--	--	--	--
<b>Total LNG Exports</b>	<b>5.25</b>	<b>4.25</b>	<b>11.43</b>	<b>4.61</b>	<b>4.80</b>	<b>5.16</b>	<b>4.47</b>
<b>CNG</b>							
Canada	5.35	3.22	6.59	3.14	3.39	3.35	3.32
<b>Total CNG Exports</b>	<b>5.35</b>	<b>3.22</b>	<b>6.59</b>	<b>3.14</b>	<b>3.39</b>	<b>3.35</b>	<b>3.32</b>
<b>Total Exports</b>	<b>3.65</b>	<b>2.29</b>	<b>3.34</b>	<b>3.41</b>	<b>3.57</b>	<b>3.63</b>	<b>3.21</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	
	February	January	Total	December	November	October	September
<b>Exports</b>							
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	3.21	3.85	2.60	3.82	2.71	2.72	2.83
Mexico	3.24	3.66	2.64	3.51	2.75	3.16	3.06
<b>Total Pipeline Exports</b>	<b>3.23</b>	<b>3.74</b>	<b>2.63</b>	<b>3.65</b>	<b>2.74</b>	<b>3.05</b>	<b>2.99</b>
<b>LNG</b>							
Exports							
By Vessel							
Argentina	--	--	4.47	--	--	--	--
Barbados	10.40	10.40	10.12	10.00	10.00	10.00	10.00
Brazil	--	--	4.39	--	--	--	--
Chile	7.18	--	5.30	--	5.64	--	--
China	4.92	4.70	4.16	4.50	3.21	--	--
Dominican Republic	--	--	5.41	--	--	--	--
Egypt	--	--	6.46	6.46	--	--	--
India	4.06	4.70	4.92	--	5.74	--	5.00
Italy	--	--	6.32	--	6.32	--	--
Japan	7.18	6.65	3.76	3.76	--	--	--
Jordan	4.06	6.41	5.11	--	--	3.52	5.74
Kuwait	5.50	--	4.40	--	--	--	5.58
Malta	--	4.70	--	--	--	--	--
Mexico	6.40	7.15	4.56	4.14	4.64	--	5.53
Netherlands	--	--	--	--	--	--	--
Pakistan	--	--	--	--	--	--	--
Poland	--	--	--	--	--	--	--
Portugal	7.18	7.29	3.58	--	--	--	--
South Korea	--	--	5.75	5.75	--	--	--
Spain	7.18	6.28	4.92	--	--	--	--
Taiwan	--	--	--	--	--	--	--
Thailand	--	--	--	--	--	--	--
Turkey	6.91	--	3.53	3.87	3.30	--	3.41
United Arab Emirates	--	--	4.18	--	--	--	--
United Kingdom	--	--	--	--	--	--	--
By Truck							
Canada	--	--	7.50	--	--	7.70	--
Mexico	9.97	9.66	9.81	10.20	9.72	10.06	9.78
Re-Exports							
By Vessel							
Argentina	--	--	4.51	--	--	--	--
Brazil	--	--	3.64	--	--	--	--
Egypt	--	--	--	--	--	--	--
India	--	--	3.99	--	--	--	--
Turkey	--	--	--	--	--	--	--
<b>Total LNG Exports</b>	<b>5.99</b>	<b>6.44</b>	<b>4.71</b>	<b>4.68</b>	<b>4.58</b>	<b>3.65</b>	<b>5.11</b>
<b>CNG</b>							
Canada	7.73	12.97	3.30	4.72	2.55	2.53	--
<b>Total CNG Exports</b>	<b>7.73</b>	<b>12.97</b>	<b>3.30</b>	<b>4.72</b>	<b>2.55</b>	<b>2.53</b>	--
<b>Total Exports</b>	<b>3.79</b>	<b>4.25</b>	<b>2.79</b>	<b>3.82</b>	<b>3.00</b>	<b>3.06</b>	<b>3.16</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						
	August	July	June	May	April	March	February
<b>Exports</b>							
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.65	2.73	2.23	1.98	2.07	1.99	2.34
Mexico	2.92	2.80	2.46	2.06	2.03	1.88	2.20
<b>Total Pipeline Exports</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>2.26</b>
<b>LNG</b>							
Exports							
By Vessel							
Argentina	4.51	--	4.71	--	4.16	--	--
Barbados	10.00	10.00	10.00	10.00	10.00	15.19	10.00
Brazil	5.29	--	--	--	--	3.83	3.54
Chile	5.53	5.82	4.69	4.72	--	--	--
China	--	5.66	--	--	--	--	--
Dominican Republic	5.41	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--
India	5.01	--	4.77	--	--	3.98	--
Italy	--	--	--	--	--	--	--
Japan	--	--	--	--	--	--	--
Jordan	--	5.81	--	--	--	--	--
Kuwait	--	--	--	3.27	--	--	--
Malta	--	--	--	--	--	--	--
Mexico	4.23	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--
Pakistan	--	--	--	--	--	--	--
Poland	--	--	--	--	--	--	--
Portugal	--	--	--	--	3.58	--	--
South Korea	--	--	--	--	--	--	--
Spain	--	4.92	--	--	--	--	--
Taiwan	--	--	--	--	--	--	--
Thailand	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	4.18	--
United Kingdom	--	--	--	--	--	--	--
By Truck							
Canada	--	--	--	--	--	--	--
Mexico	9.72	9.76	9.43	9.67	8.99	8.96	10.16
Re-Exports							
By Vessel							
Argentina	4.51	--	--	--	--	--	--
Brazil	4.57	--	--	--	--	--	3.54
Egypt	--	--	--	--	--	--	--
India	--	--	--	--	--	3.98	--
Turkey	--	--	--	--	--	--	--
<b>Total LNG Exports</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>3.59</b>
<b>CNG</b>							
Canada	--	3.88	2.80	3.22	2.58	3.05	2.42
<b>Total CNG Exports</b>	<b>--</b>	<b>3.88</b>	<b>2.80</b>	<b>3.22</b>	<b>2.58</b>	<b>3.05</b>	<b>2.42</b>
<b>Total Exports</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>	<b>2.28</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
	January	Total	December	November	October	September	August
<b>Exports</b>							
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.66	3.15	2.30	2.50	2.76	2.97	2.97
Mexico	2.45	2.81	2.30	2.26	2.61	2.77	3.00
<b>Total Pipeline Exports</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	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--
Japan	--	7.50	--	--	6.51	--	7.90
Jordan	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--
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	10.96	10.44	10.90	10.59	10.48	9.81	9.94
<b>Re-Exports</b>							
By Vessel							
Argentina	--	--	--	--	--	--	--
Brazil	--	15.20	--	--	--	--	--
Egypt	--	16.71	--	16.71	--	--	--
India	--	--	--	--	--	--	--
Turkey	--	15.99	15.99	--	--	--	--
<b>Total LNG Exports</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	5.09	5.73	5.46	4.80	3.42	--	2.08
<b>Total CNG Exports</b>	<b>5.09</b>	<b>5.73</b>	<b>5.46</b>	<b>4.80</b>	<b>3.42</b>	<b>--</b>	<b>2.08</b>
<b>Total Exports</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	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--
Japan	8.08	--	--	--	--	--	--
Jordan	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--
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
<b>Re-Exports</b>							
By Vessel							
Argentina	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	12.89	17.44
Egypt	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--
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	90,124	19,579	143,307	27,171	151,130	5,016	103,388	45,747	64,049
February	254,488	78,243	17,865	131,720	24,406	140,835	4,575	97,970	41,409	60,157
March	299,987	88,842	19,670	145,431	26,626	153,695	4,876	110,022	47,317	69,570
April	284,701	87,259	20,597	140,951	23,209	151,485	4,909	107,842	46,081	70,792
May	261,374	89,383	21,197	144,431	23,790	156,771	4,994	111,792	50,543	77,865
June	223,007	84,146	19,568	140,779	22,937	145,362	4,784	107,456	49,641	84,693
July	221,334	85,283	19,225	142,461	23,438	150,784	4,941	109,397	51,446	88,406
August	204,070	83,697	19,466	146,089	23,484	149,518	4,756	112,943	50,999	87,904
September	261,160	81,249	18,394	138,917	22,506	145,577	4,573	110,650	48,085	89,371
October	279,437	82,955	18,456	146,669	23,053	149,599	4,827	113,014	51,373	104,127
November	289,760	78,958	17,929	140,798	21,720	145,573	4,562	108,823	50,294	104,731
December	304,055	80,135	19,114	143,282	22,896	144,468	4,608	103,162	51,807	113,185
<b>Total</b>	<b>3,175,301</b>	<b>1,010,274</b>	<b>231,060</b>	<b>1,704,836</b>	<b>285,236</b>	<b>1,784,797</b>	<b>57,421</b>	<b>1,296,458</b>	<b>584,743</b>	<b>1,014,848</b>
<b>2016</b>										
January	298,809	£77,842	£18,737	£143,629	£22,543	£158,907	£4,521	£100,031	£50,146	£112,423
February	273,296	£71,967	£17,100	£134,325	£20,866	£153,090	£4,233	£99,889	£47,912	£116,401
March	295,244	£74,543	£18,166	£143,636	£22,110	£152,390	£4,426	£109,105	£51,852	£120,760
April	246,120	£70,831	£17,618	£139,949	£21,173	£154,885	£4,275	£106,844	£47,507	£118,944
May	269,204	£71,791	£18,074	£144,657	£21,621	£160,319	£4,461	£109,650	£51,206	£121,778
June	233,820	£67,340	£17,229	£136,813	£20,531	£150,242	£4,285	£105,916	£50,039	£115,207
July	239,444	£68,255	£17,568	£142,734	£21,010	£162,636	£4,312	£110,960	£52,714	£117,841
August	250,325	£67,204	£17,814	£146,011	£20,642	£159,759	£4,158	£111,397	£51,172	£132,639
September	249,270	£64,224	£17,174	£140,186	£19,871	£152,314	£4,094	£107,605	£48,297	£131,410
October	271,932	£65,950	£17,602	£145,883	£20,240	£154,845	£4,197	£109,664	£53,381	£126,902
November	293,970	£63,331	£16,966	£141,394	£19,654	£153,348	£4,166	£108,125	£53,006	£122,054
December	308,512	£63,639	£17,402	£144,060	£19,263	£156,866	£4,089	£107,806	£47,889	£130,496
<b>Total</b>	<b>3,229,946</b>	<b>£826,917</b>	<b>£211,451</b>	<b>£1,703,277</b>	<b>£249,524</b>	<b>£1,869,601</b>	<b>£51,219</b>	<b>£1,286,992</b>	<b>£605,122</b>	<b>£1,466,854</b>
<b>2017</b>										
January	301,506	£65,622	£17,262	£143,020	£19,255	£152,924	£4,050	£105,047	£48,508	£132,523
February	275,044	£59,704	£15,322	£130,148	£17,565	£144,401	£3,718	£97,492	£47,993	£122,279
March	308,109	£61,907	£16,909	£142,549	£19,215	£165,872	£4,050	£109,033	£54,226	£131,234
April	286,950	£59,935	£16,607	£136,337	£18,233	£157,147	£3,963	£107,907	£55,399	£130,878
May	£286,688	£61,140	£17,275	£139,180	£18,530	£164,733	£4,129	£112,640	£57,656	£134,819
June	248,820	£58,473	£16,833	£134,887	£18,351	£170,951	£3,992	£108,552	£55,696	£139,279
<b>2017 6-Month YTD</b>	<b>1,707,117</b>	<b>£366,782</b>	<b>£100,208</b>	<b>£826,121</b>	<b>£111,149</b>	<b>£956,028</b>	<b>£23,902</b>	<b>£640,672</b>	<b>£319,478</b>	<b>£791,011</b>
<b>2016 6-Month YTD</b>	<b>1,616,493</b>	<b>£434,314</b>	<b>£106,925</b>	<b>£843,010</b>	<b>£128,844</b>	<b>£929,833</b>	<b>£26,202</b>	<b>£631,435</b>	<b>£298,663</b>	<b>£705,512</b>
<b>2015 6-Month YTD</b>	<b>1,615,485</b>	<b>517,998</b>	<b>118,476</b>	<b>846,619</b>	<b>148,138</b>	<b>899,277</b>	<b>29,154</b>	<b>638,469</b>	<b>280,738</b>	<b>427,125</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	740,385	37,590	110,332	166,745	52,270	107,666	2,771,263
February	186,741	370,836	679,948	34,974	98,200	150,995	47,048	95,362	2,515,773
March	216,067	413,155	756,890	39,723	113,381	170,414	51,081	96,912	2,823,658
April	209,983	392,752	736,605	38,096	110,279	167,169	49,261	108,323	2,750,295
May	214,639	391,332	754,023	38,525	120,138	167,208	50,778	112,453	2,791,236
June	211,079	376,856	727,689	36,673	113,604	164,051	50,068	106,469	2,668,863
July	217,883	401,777	753,526	36,655	115,055	167,282	51,037	118,119	2,758,050
August	213,529	409,771	748,215	33,179	114,871	167,987	50,905	120,585	2,741,970
September	204,298	398,110	731,049	31,097	111,932	163,129	49,140	117,454	2,726,691
October	209,342	407,234	739,603	31,636	108,711	168,572	50,648	112,099	2,801,357
November	201,517	409,344	713,058	30,898	96,829	163,860	48,532	104,003	2,731,190
December	207,703	433,795	720,290	34,255	105,489	166,317	49,888	109,935	2,814,383
<b>Total</b>	<b>2,499,599</b>	<b>4,812,983</b>	<b>8,801,282</b>	<b>423,300</b>	<b>1,318,822</b>	<b>1,983,731</b>	<b>600,656</b>	<b>1,309,380</b>	<b>32,894,727</b>
<b>2016</b>									
January	€214,000	€447,447	€707,527	€34,199	€114,272	€155,930	€49,350	€108,752	€2,819,066
February	€201,258	€430,800	€664,972	€31,283	€108,093	€145,478	€46,199	€101,117	€2,668,278
March	€214,561	€452,601	€702,555	€33,192	€112,282	€156,116	€48,544	€111,315	€2,823,398
April	€203,524	€429,503	€680,919	€31,720	€110,827	€148,710	€46,788	€101,883	€2,682,021
May	€211,836	€441,974	€698,238	€31,762	€114,948	€148,721	€48,257	€110,027	€2,778,526
June	€202,081	€434,819	€675,064	€29,847	€104,295	€145,310	€45,823	€96,330	€2,634,991
July	€210,617	€443,676	€684,636	€30,500	€119,222	€136,600	€47,182	€99,929	€2,709,835
August	€211,218	€443,604	€684,429	€30,359	€119,208	€139,752	€46,706	€105,654	€2,742,050
September	€202,202	€419,040	€652,653	€29,003	€114,934	€145,418	€45,306	€96,905	€2,639,906
October	€206,225	€421,765	€668,817	€29,312	€118,134	€152,671	€46,582	€103,487	€2,717,589
November	€195,366	€437,277	€638,439	€27,790	€116,078	€145,935	€44,879	€101,770	€2,683,548
December	€195,424	€461,466	€640,971	€28,283	€122,817	€146,200	€45,661	€107,334	€2,748,177
<b>Total</b>	<b>€2,468,312</b>	<b>€5,263,973</b>	<b>€8,099,218</b>	<b>€367,251</b>	<b>€1,375,108</b>	<b>€1,766,840</b>	<b>€561,276</b>	<b>€1,244,503</b>	<b>€32,647,385</b>
<b>2017</b>									
January	€193,927	€461,677	€642,478	€27,708	€123,989	€141,236	€45,362	€105,934	€2,732,028
February	€179,163	€419,527	€593,768	€25,035	€112,378	€130,019	€40,643	€93,871	€2,508,070
March	€207,995	€459,647	€648,931	€27,670	€126,645	€144,709	€44,612	€105,746	€2,779,059
April	RE205,940	RE447,620	RE639,201	RE26,517	RE121,705	RE141,143	RE42,804	RE93,758	RE2,692,045
May	RE210,811	RE459,352	RE674,727	RE27,504	RE131,952	RE141,308	RE44,143	RE99,073	RE2,785,660
June	€206,256	€443,019	€655,869	€26,025	€129,722	€141,309	€42,026	€90,603	€2,690,662
<b>2017 6-Month YTD</b>	<b>€1,204,091</b>	<b>€2,690,841</b>	<b>€3,854,975</b>	<b>€160,460</b>	<b>€746,390</b>	<b>€839,724</b>	<b>€259,590</b>	<b>€588,986</b>	<b>€16,187,525</b>
<b>2016 6-Month YTD</b>	<b>€1,247,261</b>	<b>€2,637,145</b>	<b>€4,129,275</b>	<b>€192,003</b>	<b>€664,716</b>	<b>€900,265</b>	<b>€284,960</b>	<b>€629,424</b>	<b>€16,406,280</b>
<b>2015 6-Month YTD</b>	<b>1,245,326</b>	<b>2,352,951</b>	<b>4,395,539</b>	<b>225,581</b>	<b>665,934</b>	<b>986,583</b>	<b>300,507</b>	<b>627,185</b>	<b>16,321,086</b>

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

**Notes:** For 2014, monthly volumes are available only for those states/areas that were collected individually on the EIA-914 Survey (Louisiana, New Mexico, Oklahoma, Texas, Wyoming, and the Federal Offshore Gulf of Mexico) and Alaska. Starting in 2015, 10 states (Arkansas, California, Colorado, Kansas, Montana, North Dakota, Ohio, Pennsylvania, Utah, and West Virginia) were added to the EIA-914 data collection and are reported individually. The remaining states/areas (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) are grouped in the "Other States" category. Monthly preliminary state-level data for all states not collected individually on the EIA-914 survey are available after the final annual reports for these series are collected and processed. Final annual data are generally available in the third quarter of the following year. The sum of individual states may not equal total U.S. volumes due to independent rounding.

**Sources:** 2012-2015: Energy Information Administration (EIA), *Natural Gas Annual 2015*, and Bureau of Safety and Environmental Enforcement (BSEE) reports. January 2016 through current month: Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and its predecessor, "Monthly Natural Gas Production Report"; BSEE reports; PointLogic Energy; Ventyx; BENTEK Energy; industry reports; and EIA computations.

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

Year and Month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
<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	90,124	19,579	143,307	27,171	150,559	5,016	99,904	34,890	64,049
February	27,510	78,243	17,865	131,720	24,406	140,258	4,575	94,642	32,891	60,157
March	30,523	88,842	19,670	145,431	26,626	152,988	4,876	105,697	37,313	69,570
April	29,759	87,259	20,597	140,951	23,209	150,812	4,909	103,230	37,433	70,792
May	29,124	89,383	21,197	144,431	23,790	156,076	4,994	106,836	40,751	77,865
June	26,000	84,146	19,568	140,779	22,937	144,605	4,784	102,625	40,074	84,693
July	26,682	85,283	19,225	142,461	23,438	150,102	4,941	104,033	40,622	88,406
August	25,176	83,697	19,466	146,089	23,484	148,908	4,756	107,577	39,931	87,904
September	27,601	81,249	18,394	138,917	22,506	144,978	4,573	106,601	38,665	89,371
October	29,190	82,955	18,456	146,669	23,053	148,924	4,827	109,119	43,503	104,127
November	29,589	78,958	17,929	140,798	21,720	144,929	4,562	104,888	41,842	104,731
December	30,941	80,135	19,114	143,282	22,896	143,661	4,608	99,659	43,589	113,185
<b>Total</b>	<b>343,534</b>	<b>1,010,274</b>	<b>231,060</b>	<b>1,704,836</b>	<b>285,236</b>	<b>1,776,800</b>	<b>57,421</b>	<b>1,244,811</b>	<b>471,504</b>	<b>1,014,848</b>
<b>2016</b>										
January	30,686	£77,842	£18,737	£143,629	£22,543	£158,192	£4,521	£95,640	£41,822	£112,423
February	28,434	£71,967	£17,100	£134,325	£20,866	£152,401	£4,233	£95,504	£39,959	£116,401
March	29,893	£74,543	£18,166	£143,636	£22,110	£151,705	£4,426	£104,315	£43,245	£120,760
April	26,259	£70,831	£17,618	£139,949	£21,173	£154,188	£4,275	£102,153	£39,621	£118,944
May	27,071	£71,791	£18,074	£144,657	£21,621	£159,598	£4,461	£104,836	£42,706	£121,778
June	24,882	£67,340	£17,229	£136,813	£20,531	£149,566	£4,285	£101,266	£41,733	£115,207
July	25,025	£68,255	£17,568	£142,734	£21,010	£161,904	£4,312	£106,089	£43,963	£117,841
August	24,918	£67,204	£17,814	£146,011	£20,642	£159,040	£4,158	£106,507	£42,677	£132,639
September	30,524	£64,224	£17,174	£140,186	£19,871	£151,629	£4,094	£102,881	£40,280	£131,410
October	28,546	£65,950	£17,602	£145,883	£20,240	£154,148	£4,197	£104,850	£44,519	£126,902
November	35,778	£63,331	£16,966	£141,394	£19,654	£152,658	£4,166	£103,379	£44,207	£122,054
December	31,612	£63,639	£17,402	£144,060	£19,263	£156,160	£4,089	£103,073	£39,940	£130,496
<b>Total</b>	<b>343,629</b>	<b>£826,917</b>	<b>£211,451</b>	<b>£1,703,277</b>	<b>£249,524</b>	<b>£1,861,187</b>	<b>£51,219</b>	<b>£1,230,493</b>	<b>£504,672</b>	<b>£1,466,854</b>
<b>2017</b>										
January	31,023	£65,622	£17,262	£143,020	£19,255	£152,236	£4,050	£100,436	£40,456	£132,523
February	28,145	£59,704	£15,322	£130,148	£17,565	£143,751	£3,718	£93,212	£40,026	£122,279
March	31,344	£61,907	£16,909	£142,549	£19,215	£165,126	£4,050	£104,247	£45,224	£131,234
April	30,373	RE59,935	RE16,607	RE136,337	RE18,233	RE156,440	RE3,963	RE103,170	RE46,203	RE130,878
May	R30,399	RE61,140	RE17,275	RE139,180	RE18,530	RE163,991	RE4,129	RE107,695	RE48,085	RE134,819
June	27,509	£58,473	£16,833	£134,887	£18,351	£170,182	£3,992	£103,787	£46,451	£139,279
<b>2017 6-Month YTD</b>	<b>178,792</b>	<b>£366,782</b>	<b>£100,208</b>	<b>£826,121</b>	<b>£111,149</b>	<b>£951,726</b>	<b>£23,902</b>	<b>£612,547</b>	<b>£266,444</b>	<b>£791,011</b>
<b>2016 6-Month YTD</b>	<b>167,225</b>	<b>£434,314</b>	<b>£106,925</b>	<b>£843,010</b>	<b>£128,844</b>	<b>£925,649</b>	<b>£26,202</b>	<b>£603,715</b>	<b>£249,085</b>	<b>£705,512</b>
<b>2015 6-Month YTD</b>	<b>174,354</b>	<b>517,998</b>	<b>118,476</b>	<b>846,619</b>	<b>148,138</b>	<b>895,298</b>	<b>29,154</b>	<b>612,934</b>	<b>223,351</b>	<b>427,125</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	653,831	37,590	110,332	151,386	51,853	105,441	2,391,305
February	186,741	370,836	613,311	34,974	98,200	136,015	46,684	93,580	2,192,608
March	216,067	413,155	676,440	39,723	113,381	152,906	50,775	95,228	2,439,210
April	209,983	392,752	664,552	38,096	110,279	151,289	48,883	106,587	2,391,372
May	214,639	391,332	673,495	38,525	120,138	150,822	50,389	110,517	2,444,303
June	211,079	376,856	657,094	36,673	113,604	148,664	49,620	104,646	2,368,447
July	217,883	401,777	673,240	36,655	115,055	151,190	50,555	116,251	2,447,799
August	213,529	409,771	666,179	33,179	114,871	152,340	50,406	118,791	2,446,056
September	204,298	398,110	659,888	31,097	111,932	147,335	48,631	115,877	2,390,024
October	209,342	407,234	660,433	31,636	108,711	152,643	50,133	110,458	2,441,416
November	201,517	409,344	634,462	30,898	96,829	148,584	48,052	102,500	2,362,132
December	207,703	433,795	647,606	34,255	105,489	150,540	49,384	108,420	2,438,262
<b>Total</b>	<b>2,499,599</b>	<b>4,812,983</b>	<b>7,880,530</b>	<b>423,300</b>	<b>1,318,822</b>	<b>1,793,716</b>	<b>595,365</b>	<b>1,288,296</b>	<b>28,752,935</b>
<b>2016</b>									
January	€214,000	€447,447	€610,242	€34,199	€114,272	€141,444	€48,916	€107,175	€2,423,731
February	€201,258	€430,800	€573,538	€31,283	€108,093	€131,963	€45,792	€99,650	€2,303,567
March	€214,561	€452,601	€605,954	€33,192	€112,282	€141,613	€48,116	€109,700	€2,430,818
April	€203,524	€429,503	€587,292	€31,720	€110,827	€134,894	€46,377	€100,406	€2,339,556
May	€211,836	€441,974	€602,230	€31,762	€114,948	€134,905	€47,832	€108,432	€2,410,513
June	€202,081	€434,819	€582,243	€29,847	€104,295	€131,810	€45,419	€94,933	€2,304,300
July	€210,617	€443,676	€590,498	€30,500	€119,222	€123,910	€46,767	€98,480	€2,372,371
August	€211,218	€443,604	€590,320	€30,359	€119,208	€126,769	€46,295	€104,122	€2,393,504
September	€202,202	€419,040	€562,913	€29,003	€114,934	€131,908	€44,908	€95,499	€2,302,681
October	€206,225	€421,765	€576,854	€29,312	€118,134	€138,487	€46,172	€101,987	€2,351,775
November	€195,366	€437,277	€550,653	€27,790	€116,078	€132,378	€44,484	€100,295	€2,307,907
December	€195,424	€461,466	€552,837	€28,283	€122,817	€132,618	€45,259	€105,777	€2,354,215
<b>Total</b>	<b>€2,468,312</b>	<b>€5,263,973</b>	<b>€6,985,576</b>	<b>€367,251</b>	<b>€1,375,108</b>	<b>€1,602,701</b>	<b>€556,337</b>	<b>€1,226,458</b>	<b>€28,294,939</b>
<b>2017</b>									
January	€193,927	€461,677	€554,138	€27,708	€123,989	€128,115	€44,963	€104,398	€2,344,796
February	€179,163	€419,527	€512,125	€25,035	€112,378	€117,940	€40,286	€92,510	€2,152,834
March	€207,995	€459,647	€559,703	€27,670	€126,645	€131,265	€44,219	€104,213	€2,383,162
April	RE205,940	RE447,620	RE551,311	RE26,517	RE121,705	RE128,031	RE42,427	RE92,399	RE2,318,089
May	RE210,811	RE459,352	RE581,952	RE27,504	RE131,952	RE128,181	RE43,755	RE97,636	RE2,406,386
June	€206,256	€443,019	€565,687	€26,025	€129,722	€128,182	€41,656	€89,289	€2,349,578
<b>2017 6-Month YTD</b>	<b>€1,204,091</b>	<b>€2,690,841</b>	<b>€3,324,916</b>	<b>€160,460</b>	<b>€746,390</b>	<b>€761,714</b>	<b>€257,305</b>	<b>€580,446</b>	<b>€13,954,845</b>
<b>2016 6-Month YTD</b>	<b>€1,247,261</b>	<b>€2,637,145</b>	<b>€3,561,500</b>	<b>€192,003</b>	<b>€664,716</b>	<b>€816,630</b>	<b>€282,452</b>	<b>€620,297</b>	<b>€14,212,486</b>
<b>2015 6-Month YTD</b>	<b>1,245,326</b>	<b>2,352,951</b>	<b>3,938,723</b>	<b>225,581</b>	<b>665,934</b>	<b>891,083</b>	<b>298,204</b>	<b>615,999</b>	<b>14,227,247</b>

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

**Notes:** For 2014 forward, marketed production is estimated from gross withdrawals using historical relationships between the two. For 2014, monthly volumes are available only for those states/areas that were collected individually on the EIA-914 Survey (Louisiana, New Mexico, Oklahoma, Texas, Wyoming, and the Federal Offshore Gulf of Mexico) and Alaska. Starting in 2015, ten states (Arkansas, California, Colorado, Kansas, Montana, North Dakota, Ohio, Pennsylvania, Utah, and West Virginia) were added to the EIA-914 data collection and are reported individually. The remaining states/areas (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) are grouped in the "Other States" category. Monthly preliminary state-level data for all states not collected individually on the EIA-914 Survey are available after the final annual reports for these series are collected and processed. Final annual data are generally available in the third quarter of the following year. The sum of individual states may not equal total U.S. volumes due to independent rounding.

**Sources:** 2012-2015: Energy Information Administration (EIA), *Natural Gas Annual 2015*, and Bureau of Safety and Environmental Enforcement (BSEE) reports. January 2016 through current month: Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and its predecessor, "Monthly Natural Gas Production Report"; BSEE reports; PointLogic Energy; Ventyx; BENTEK Energy; industry reports; and EIA computations.

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

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total <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	4,361	2,415	6,776	490	25.5	70	795	725
February	4,360	1,674	6,034	474	39.5	62	803	742
March	4,361	1,480	5,841	623	72.6	182	376	193
April	4,360	1,802	6,162	736	69.0	405	84	-321
May	4,363	2,296	6,659	748	48.3	542	44	-497
June	4,367	2,656	7,023	650	32.4	430	68	-362
July	4,372	2,933	7,305	533	22.2	379	96	-283
August	4,364	3,250	7,614	482	17.4	394	85	-309
September	4,365	3,622	7,987	435	13.7	435	63	-372
October	4,365	3,951	8,316	363	10.1	401	70	-331
November	4,368	3,935	8,303	508	14.8	201	214	12
December	4,363	3,675	8,038	534	17.0	138	403	264
<b>Total</b>	--	--	--	--	--	<b>3,639</b>	<b>3,101</b>	<b>-538</b>
<b>2016</b>								
January	R4,369	R2,938	7,307	R523	R21.7	66	795	729
February	R4,369	R2,534	6,904	R860	R51.4	111	515	403
March	R4,360	R2,486	6,847	R1,006	R68.0	215	R264	R49
April	R4,364	R2,646	7,009	R844	R46.8	294	130	-164
May	R4,366	R2,966	7,332	R670	R29.2	402	R74	R-329
June	R4,369	R3,186	R7,555	R530	R20.0	316	94	-222
July	R4,369	R3,318	R7,687	R385	R13.1	283	150	-133
August	R4,369	R3,441	R7,811	R191	R5.9	285	162	-124
September	R4,369	R3,705	R8,074	R83	R2.3	351	88	-262
October	R4,371	R4,013	R8,384	R62	R1.6	387	78	-308
November	R4,372	R3,977	R8,349	R41	R1.1	178	213	35
December	R4,380	R3,297	R7,677	R-378	R-10.3	87	R762	676
<b>Total</b>	--	--	--	--	--	<b>2,977</b>	<b>R3,325</b>	<b>R348</b>
<b>2017</b>								
January	R4,379	R2,622	7,001	-316	R-10.8	101	776	675
February	R4,378	R2,337	6,715	-197	R-7.8	131	416	285
March	R4,379	R2,063	6,441	R-424	-17.0	167	443	275
April	R4,380	R2,291	6,671	R-354	R-13.4	341	111	-230
May	R4,386	R2,627	7,012	R-340	-11.4	423	82	-341
June	4,355	2,907	7,262	-279	-8.8	387	106	-281

<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; and 2015- 9,231. 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.

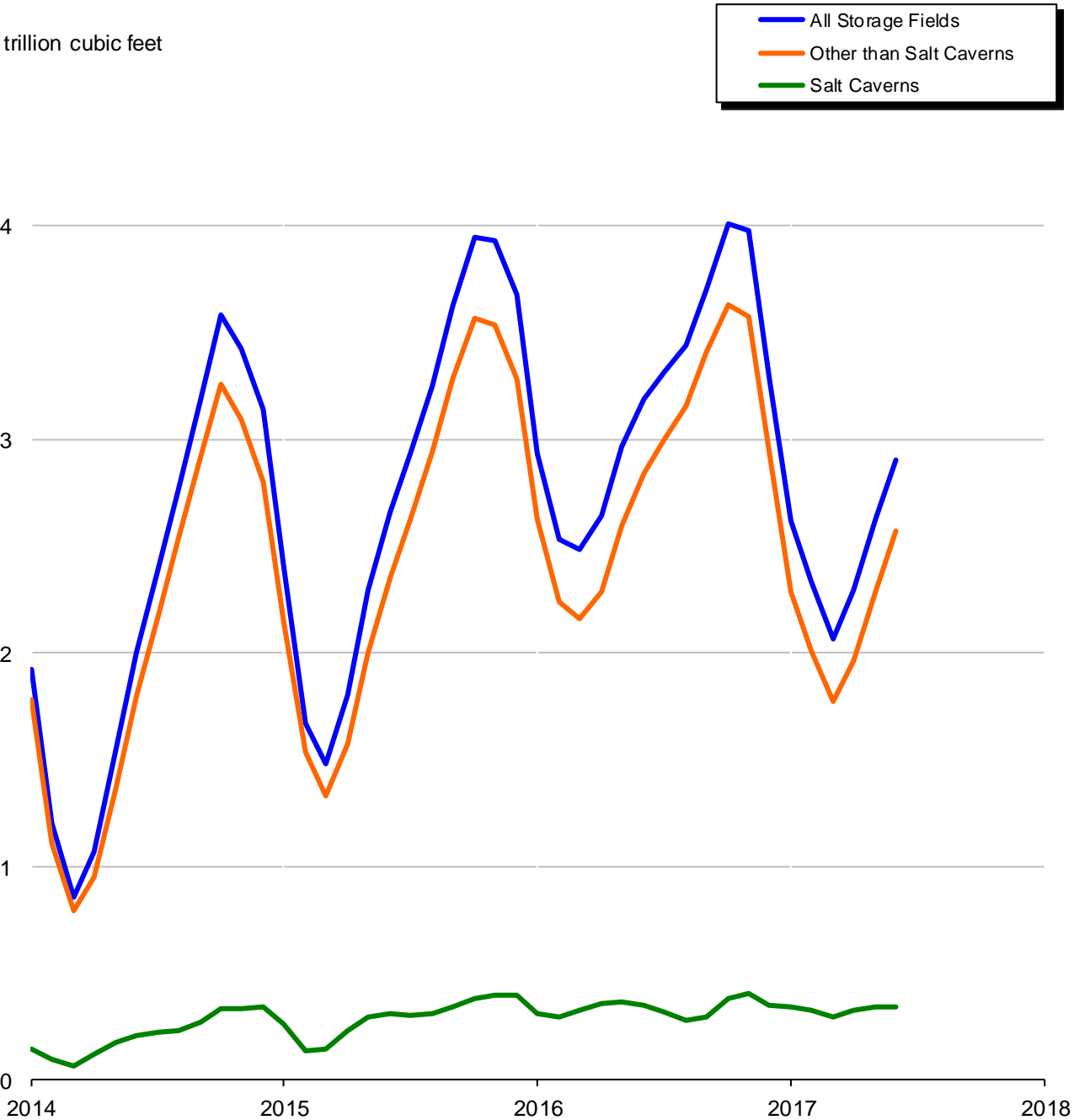
-- Not applicable.

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

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

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

Figure 5



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

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

(volumes in billion cubic feet)

Year, Season, and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals <sup>a</sup>
<b>2015 Refill Season</b>								
April	4,360	1,802	6,162	736	69.0	405	84	-321
May	4,363	2,296	6,659	748	48.3	542	44	-497
June	4,367	2,656	7,023	650	32.4	430	68	-362
July	4,372	2,933	7,305	533	22.2	379	96	-283
August	4,364	3,250	7,614	482	17.4	394	85	-309
September	4,365	3,622	7,987	435	13.7	435	63	-372
October	4,365	3,951	8,316	363	10.1	401	70	-331
<b>Total</b>	--	--	--	--	--	<b>2,986</b>	<b>511</b>	<b>-2,475</b>
<b>2016 Heating Season</b>								
November	4,368	3,935	8,303	508	14.8	201	214	12
December	4,363	3,675	8,038	534	17.0	138	403	264
January	R4,369	R2,938	7,307	R523	R21.7	66	795	729
February	R4,369	R2,534	6,904	R860	R51.4	111	515	403
March	R4,360	R2,486	6,847	R1,006	R68.0	215	R264	R49
<b>Total</b>	--	--	--	--	--	<b>732</b>	<b>R2,189</b>	<b>R1,457</b>
<b>2016 Refill Season</b>								
April	R4,364	R2,646	7,009	R844	R46.8	294	130	-164
May	R4,366	R2,966	7,332	R670	R29.2	402	R74	R-329
June	R4,369	R3,186	7,555	R530	R20.0	316	94	-222
July	R4,369	R3,318	7,687	R385	R13.1	283	150	-133
August	R4,369	R3,441	7,811	R191	R5.9	285	162	-124
September	R4,369	R3,705	8,074	R83	R2.3	351	88	-262
October	R4,371	R4,013	8,384	R62	R1.6	387	78	-308
<b>Total</b>	--	--	--	--	--	<b>2,319</b>	<b>R776</b>	<b>R-1,543</b>
<b>2017 Heating Season</b>								
November	R4,372	R3,977	8,349	R41	R1.1	178	213	35
December	R4,380	R3,297	7,677	R-378	R-10.3	87	R762	676
January	R4,379	R2,622	7,001	-316	R-10.8	101	776	675
February	R4,378	R2,337	6,715	-197	R-7.8	131	416	285
March	R4,379	R2,063	6,441	R-424	-17.0	167	443	275
<b>Total</b>	--	--	--	--	--	<b>664</b>	<b>R2,610</b>	<b>1,946</b>
<b>2017 Refill Season</b>								
April	R4,380	R2,291	6,671	R-354	R-13.4	341	111	-230
May	R4,386	R2,627	7,012	R-340	-11.4	423	82	-341
June	4,355	2,907	7,262	-279	-8.8	387	106	-281

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

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

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

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals <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	179	260	439	117	82.2	24	105	81
February	179	135	314	40	42.6	15	140	125
March	178	147	325	79	115.5	58	46	-12
April	178	230	407	110	92.3	95	13	-82
May	180	292	472	113	63.3	82	17	-65
June	182	307	488	98	46.9	44	29	-15
July	182	305	487	79	35.0	37	38	1
August	182	309	491	80	35.0	36	32	-4
September	182	341	523	70	25.9	55	24	-31
October	182	384	566	53	16.1	67	24	-43
November	182	398	579	62	18.6	50	37	-13
December	182	395	577	55	16.0	44	46	2
<b>Total</b>	--	--	--	--	--	<b>607</b>	<b>551</b>	<b>-56</b>
<b>2016</b>								
January	R189	R312	501	R52	R20.0	29	105	76
February	R190	R295	485	R160	R118.2	42	58	16
March	R190	R322	513	R175	R119.3	67	39	-28
April	R191	R358	550	R129	R56.2	66	27	-38
May	R192	R368	560	R75	R25.8	46	R35	-10
June	R192	R348	541	R42	R13.6	26	45	19
July	R192	R319	511	R13	R4.4	32	62	29
August	R193	R281	474	R-28	R-9.0	33	69	37
September	R194	R295	489	R-46	R-13.5	52	37	-14
October	R194	R383	577	R-1	R-0.3	115	26	-89
November	R195	R402	598	R5	R1.2	47	28	-20
December	R195	R349	544	R-47	R-11.9	38	92	53
<b>Total</b>	--	--	--	--	--	<b>593</b>	<b>R624</b>	<b>32</b>
<b>2017</b>								
January	R195	R338	533	26	R8.3	57	68	11
February	R195	R328	522	33	R11.0	37	47	10
March	R196	R292	487	R-31	R-9.5	43	79	36
April	R197	R326	523	-32	R-9.0	68	32	-36
May	R197	R343	539	-25	R-6.8	58	42	-16
June	196	339	535	-9	-2.7	49	53	4
<b>2017 6-Month YTD</b>	--	--	--	--	--	<b>313</b>	<b>321</b>	<b>8</b>
<b>2016 6-Month YTD</b>	--	--	--	--	--	<b>275</b>	<b>310</b>	<b>35</b>
<b>2015 6-Month YTD</b>	--	--	--	--	--	<b>317</b>	<b>350</b>	<b>33</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.

<sup>R</sup> Revised data.

-- Not applicable.

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

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

**Table 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	R225	R77
April	4,172	R2,287	R6,460	R715	R45.5	229	103	-126
May	4,174	R2,599	R6,773	R595	R29.7	357	R39	R-318
June	4,176	R2,838	R7,014	R489	20.8	291	49	-241
July	4,176	2,999	R7,176	R372	R14.2	251	88	-163
August	4,177	R3,160	R7,337	219	R7.5	253	92	-160
September	4,175	3,410	R7,585	R129	3.9	299	51	-248
October	4,177	R3,630	R7,807	63	1.8	271	52	-220
November	4,177	3,574	7,751	R37	1.0	131	185	55
December	4,185	R2,948	R7,133	R-331	-10.1	48	R670	R622
<b>Total</b>	--	--	--	--	--	<b>2,384</b>	<b>R2,700</b>	<b>R316</b>
<b>2017</b>								
January	4,184	2,284	6,468	-342	-13.0	44	707	664
February	4,183	2,010	6,193	-230	-10.3	94	369	275
March	4,183	1,771	5,954	-393	-18.2	124	364	239
April	4,183	1,965	6,148	R-322	R-14.1	273	79	-194
May	4,189	2,284	6,473	R-315	-12.1	365	40	-325
June	4,159	2,568	6,727	-270	-9.5	338	53	-285
<b>2017 6-Month YTD</b>	--	--	--	--	--	<b>1,238</b>	<b>1,613</b>	<b>375</b>
<b>2016 6-Month YTD</b>	--	--	--	--	--	<b>1,131</b>	<b>1,561</b>	<b>430</b>
<b>2015 6-Month YTD</b>	--	--	--	--	--	<b>1,373</b>	<b>1,820</b>	<b>447</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.

<sup>R</sup> Revised data.

– Not applicable.

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

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

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

State	2017						2016
	June	May	April	March	February	January	Total
Alabama	498	169	-1,292	1,420	-1,005	-254	1,019
Alaska <sup>a</sup>	-2,108	-1,525	-1,076	1,572	1,409	2,213	-8,322
Arkansas	-581	-595	-272	772	66	418	<sup>R</sup> -1,666
California	-13,932	-23,443	-16,166	-17,257	4,304	50,405	39,603
Colorado	-5,660	-4,519	-1,374	1,199	4,859	10,983	-4,606
Illinois	-32,389	-17,012	4,438	35,264	42,917	59,371	5,282
Indiana	-2,960	-1,664	-501	2,040	3,067	5,972	3,478
Iowa	-1,917	-1,579	1,288	5,165	8,052	15,571	6,414
Kansas	-4,611	-14,016	-10,252	5,246	2,192	18,823	8,377
Kentucky	1,693	-8,818	-12,511	5,772	7,787	16,622	9,205
Louisiana	-5,268	-19,430	-21,998	23,900	11,892	22,369	39,572
Maryland	-2,241	-3,128	-280	3,170	2,048	3,915	2,916
Michigan	-57,334	-55,198	-39,909	63,573	47,176	108,702	57,601
Minnesota	-190	-63	36	342	450	321	38
Mississippi	-476	-3,259	-8,395	6,585	1,802	10,041	<sup>R</sup> 26,635
Missouri	*	0	*	100	-20	163	-156
Montana	-4,182	-4,160	-2,002	1,137	4,042	7,075	-7,364
Nebraska	182	-1,017	-979	-287	1,408	2,844	785
New Mexico	68	-1,257	-1,704	-2,779	1,321	4,466	669
New York	-12,765	-7,272	-5,894	17,047	12,369	20,857	19,233
Ohio	-26,200	-18,721	-5,818	27,859	22,619	36,350	17,390
Oklahoma	-10,437	-13,581	-4,742	-5,893	3,193	35,389	<sup>R</sup> 11,957
Oregon	-1,472	-3,170	-336	-2,364	606	4,500	<sup>R</sup> 1,381
Pennsylvania	-46,732	-51,111	-33,170	70,898	54,306	82,560	<sup>R</sup> 68,344
Tennessee	-38	-32	-29	-5	14	31	-66
Texas	-15,267	-37,200	-30,805	1,147	6,329	78,122	38,656
Utah	-5,162	-7,294	-2,628	-518	5,334	11,889	-1,208
Virginia	45	-513	-310	689	685	180	189
Washington	-2,739	-5,577	-2,596	1,556	4,022	6,908	-2,216
West Virginia	-26,525	-33,816	-30,225	27,754	29,885	49,846	<sup>R</sup> 22,407
Wyoming	-2,290	-1,936	-632	234	1,737	8,000	-7,349
<b>Regions</b>							
East Region	-114,418	-114,561	-75,698	147,418	121,912	193,707	<sup>R</sup> 130,479
South Central Region	-36,143	-87,911	-77,757	33,177	24,469	164,908	<sup>R</sup> 124,549
Midwest Region	-93,136	-84,366	-47,188	112,250	109,443	206,754	81,797
Mountain Region	-17,044	-20,183	-9,318	-1,014	18,701	45,258	-19,074
Pacific Region	-18,142	-32,191	-19,098	-18,066	8,931	61,813	<sup>R</sup> 38,769
<b>Total Lower 48 States</b>	<b>-278,883</b>	<b>-339,211</b>	<b>-229,059</b>	<b>273,766</b>	<b>283,456</b>	<b>672,439</b>	<b><sup>R</sup>356,520</b>
<b>U.S. Total</b>	<b>-280,991</b>	<b>-340,736</b>	<b>-230,135</b>	<b>275,338</b>	<b>284,865</b>	<b>674,653</b>	<b><sup>R</sup>348,198</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016						
	December	November	October	September	August	July	June
Alabama	3,462	-2,161	-5,368	-597	2,250	3,115	1,486
Alaska <sup>a</sup>	1,789	872	139	-1,321	-1,997	-1,976	-1,468
Arkansas	739	<sup>R</sup> -86	-152	-318	-564	-517	-724
California	43,736	1,937	-8,590	-3,383	4,248	769	-7,766
Colorado	11,693	-1,452	-7,324	-5,111	-3,745	-4,892	-5,512
Illinois	53,639	623	-37,807	-41,363	-33,535	-28,440	-32,072
Indiana	4,712	-1,533	-2,257	-2,199	-1,850	-1,850	-2,226
Iowa	22,217	5,150	-18,715	-18,041	-14,078	-1,925	-2,856
Kansas	21,467	876	-5,573	-8,157	-2,098	-7,378	-4,701
Kentucky	16,756	51	-4,545	-4,548	-128	-2,707	-2,776
Louisiana	42,587	-3,970	-51,370	-11,031	18,506	16,049	-2,585
Maryland	2,604	893	133	-150	-1,397	-1,133	-3,022
Michigan	108,495	17,034	-27,683	-54,745	-36,754	-35,799	-52,688
Minnesota	44	14	-104	-197	-228	-205	-174
Mississippi	24,501	1,560	-24,918	-3,355	2,651	7,130	1,758
Missouri	365	-210	-405	-290	*	0	0
Montana	8,305	2,401	-782	-2,191	-3,465	-3,260	-4,908
Nebraska	2,171	721	-1,221	-1,132	-90	-151	-16
New Mexico	4,345	-1,195	-1,530	75	167	659	-391
New York	20,132	4,697	-7,006	-12,209	-3,017	-3,467	-6,284
Ohio	41,276	14,460	-10,323	-22,602	-23,658	-25,774	-26,258
Oklahoma	<sup>R</sup> 30,817	-5,705	-11,783	-2,082	1,055	-3,398	-3,069
Oregon	5,032	406	-1,086	-266	-16	-887	-511
Pennsylvania	70,114	10,492	-16,859	-43,300	-18,752	-21,094	-36,463
Tennessee	71	-14	-34	2	2	3	-38
Texas	65,863	-17,919	-50,646	112	21,348	18,530	7,624
Utah	12,286	-466	-1,542	-3,455	-2,871	-2,671	-4,887
Virginia	212	-211	-163	-185	-504	73	-46
Washington	3,465	448	-109	-3,266	-2,091	-788	-1,834
West Virginia	<sup>R</sup> 44,092	<sup>R</sup> 10,686	-7,057	-15,425	-22,388	<sup>R</sup> -29,308	<sup>R</sup> -25,938
Wyoming	8,555	-3,105	-3,717	-1,656	-769	-1,773	-3,980
<b>Regions</b>							
East Region	<sup>R</sup> 178,429	<sup>R</sup> 41,017	-41,275	-93,871	-69,715	<sup>R</sup> -80,704	<sup>R</sup> -98,011
South Central Region	<sup>R</sup> 189,436	<sup>R</sup> -27,405	-149,809	-25,428	43,149	33,529	-212
Midwest Region	206,299	21,114	-91,550	-121,381	-86,571	-70,923	-92,831
Mountain Region	47,355	-3,096	-16,117	-13,469	-10,773	-12,088	-19,694
Pacific Region	52,233	2,790	-9,785	-6,916	2,142	-906	-10,112
<b>Total Lower 48 States</b>	<sup>R</sup> 673,752	<sup>R</sup> 34,420	-308,536	-261,066	-121,769	<sup>R</sup> -131,091	<sup>R</sup> -220,859
<b>U.S. Total</b>	<sup>R</sup> 675,541	<sup>R</sup> 35,292	-308,397	-262,387	-123,765	<sup>R</sup> -133,067	<sup>R</sup> -222,328

See footnotes at end of table.

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

(million cubic feet) – continued

State	2016					2015	
	May	April	March	February	January	Total	December
Alabama	-1,536	-3,383	-323	-713	4,787	-3,817	-249
Alaska <sup>a</sup>	-1,957	-1,441	-451	-459	-50	782	140
Arkansas	-801	-444	438	328	434	-1,046	-127
California	-16,700	-17,261	-4,805	7,203	40,217	-2,698	44,087
Colorado	-5,498	1,334	3,688	2,412	9,800	-5,930	9,420
Illinois	-26,284	4,551	26,092	50,274	69,604	-10,603	45,715
Indiana	-2,905	527	1,694	5,259	6,106	-4,411	1,569
Iowa	-2,349	2,150	4,762	10,674	19,427	-4,955	16,556
Kansas	-13,272	-7,171	-4,070	11,913	26,541	-11,154	11,377
Kentucky	-8,262	-16,117	2,150	9,656	19,675	-17,554	7,953
Louisiana	-11,540	-20,296	-14,011	21,175	56,058	-88,237	8,860
Maryland	-1,671	716	-342	2,294	3,991	-1,304	517
Michigan	-65,480	-13,874	30,025	80,654	108,415	-87,722	30,889
Minnesota	-76	7	515	127	315	-78	10
Mississippi	R-7,184	-6,394	-12,187	6,944	36,129	-27,879	-723
Missouri	0	0	119	-168	433	-586	28
Montana	-5,202	-3,943	-770	2,057	4,394	-3,197	3,620
Nebraska	-1,099	-630	-103	549	1,788	-786	979
New Mexico	-1,615	-1,170	-1,658	1,413	1,568	-19,897	-616
New York	-11,257	-1,560	2,483	14,571	22,150	-15,923	2,020
Ohio	-21,537	-5,040	17,603	32,160	47,082	-33,025	19,441
Oklahoma	-15,348	-9,402	-5,923	10,070	26,725	-32,397	8,250
Oregon	R-2,228	-1,027	-362	481	1,845	474	2,338
Pennsylvania	-32,012	-5,601	R11,919	62,426	87,473	-41,111	11,466
Tennessee	-27	-17	-32	-6	25	-453	-54
Texas	-29,546	-38,115	-19,445	24,128	56,721	-91,530	6,424
Utah	-7,374	-814	-1,928	3,685	8,830	-8,073	6,185
Virginia	-242	-508	135	17	1,612	-468	48
Washington	-4,392	-2,918	1,935	5,854	1,480	4,545	2,710
West Virginia	R-27,301	R-14,249	11,571	35,666	62,059	-28,151	23,857
Wyoming	-3,858	-2,386	-139	2,448	3,031	-1,237	1,646
<b>Regions</b>							
East Region	R-94,019	R-26,242	R43,370	147,134	224,367	-119,981	57,349
South Central Region	R-79,227	-85,205	-55,521	73,846	207,396	-256,060	33,813
Midwest Region	-105,382	-22,774	65,327	156,470	224,000	-126,362	102,665
Mountain Region	-24,646	-7,610	-910	12,562	29,411	-39,121	21,235
Pacific Region	R-23,319	-21,206	-3,232	13,538	43,542	2,322	49,135
<b>Total Lower 48 States</b>	<b>R-326,593</b>	<b>R-163,038</b>	<b>R49,034</b>	<b>403,550</b>	<b>728,716</b>	<b>-539,203</b>	<b>264,197</b>
<b>U.S. Total</b>	<b>R-328,551</b>	<b>R-164,479</b>	<b>R48,583</b>	<b>403,091</b>	<b>728,666</b>	<b>-538,421</b>	<b>264,337</b>

See footnotes at end of table.

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

(million cubic feet) – continued

State	2015						
	November	October	September	August	July	June	May
Alabama	-1,217	-415	-2,416	1,057	-971	-734	-5,684
Alaska <sup>a</sup>	197	-52	92	-108	-171	-78	-71
Arkansas	-283	-212	-141	-403	-437	-357	-411
California	5,699	-18,709	-6,577	1,758	-8,522	-10,336	-25,451
Colorado	1,802	-4,141	-5,250	-5,181	-5,048	-6,817	-5,045
Illinois	-1,164	-36,756	-37,238	-34,172	-32,685	-29,520	-28,714
Indiana	-1,236	-2,047	-3,878	-3,494	-2,687	-2,942	-2,903
Iowa	4,637	-14,124	-16,136	-13,614	-2,563	-6,962	-5,355
Kansas	7,836	-5,912	-14,045	-9,249	-16,737	-11,868	-13,935
Kentucky	-1,730	-9,465	-7,783	-6,294	-5,729	-5,537	-9,947
Louisiana	-15,244	-40,257	-33,722	-20,717	-17,892	-16,431	-36,612
Maryland	490	-262	-372	-2,786	-2,440	-2,577	-2,522
Michigan	3,499	-60,050	-75,170	-81,284	-74,938	-82,493	-82,150
Minnesota	-149	-262	-219	-202	-176	-37	6
Mississippi	-4,892	-14,206	-16,234	-4,313	-1,700	-11,013	-21,243
Missouri	-212	-268	-581	0	0	*	0
Montana	2,456	-1,050	-2,101	-3,445	-3,385	-3,128	-2,545
Nebraska	212	-1,193	-1,296	-965	-77	-1,343	-1,121
New Mexico	-2,132	-2,258	-1,275	-1,429	-1,726	-1,306	-2,874
New York	7	-6,129	-8,376	-8,289	-9,553	-15,297	-12,852
Ohio	7,717	-11,308	-22,886	-27,651	-25,160	-26,651	-31,413
Oklahoma	3,951	-13,483	-8,189	-6,183	-8,740	-17,758	-30,908
Oregon	1,139	-1,330	-1,482	-685	2	-374	-2,416
Pennsylvania	-6,135	-31,589	-38,785	-35,179	-24,593	-51,105	-62,659
Tennessee	-102	-93	-64	-59	-60	-49	-53
Texas	-2,086	-41,913	-35,276	-6,397	-1,462	-23,854	-64,583
Utah	3,131	-1,402	-4,323	-3,183	-5,792	-5,110	-6,367
Virginia	-270	-545	-623	-508	-87	-509	-600
Washington	3,788	-792	-2,976	-4,747	278	122	-4,285
West Virginia	2,855	-9,191	-22,829	-30,326	-28,865	-25,786	-33,369
Wyoming	-255	-1,419	-1,866	-1,115	-1,186	-1,715	-1,151
<b>Regions</b>							
East Region	4,664	-59,024	-93,873	-104,740	-90,699	-121,926	-143,415
South Central Region	-11,936	-116,399	-110,024	-46,205	-47,939	-82,015	-173,376
Midwest Region	3,543	-123,064	-141,069	-139,118	-118,838	-127,539	-129,116
Mountain Region	5,213	-11,462	-16,112	-15,317	-17,214	-19,419	-19,103
Pacific Region	10,625	-20,831	-11,035	-3,674	-8,243	-10,588	-32,152
<b>Total Lower 48 States</b>	<b>12,109</b>	<b>-330,780</b>	<b>-372,112</b>	<b>-309,054</b>	<b>-282,933</b>	<b>-361,486</b>	<b>-497,162</b>
<b>U.S. Total</b>	<b>12,306</b>	<b>-330,832</b>	<b>-372,021</b>	<b>-309,162</b>	<b>-283,104</b>	<b>-361,564</b>	<b>-497,234</b>

See footnotes at end of table.

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

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

\* Volume is less than 500,000 cubic feet.

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

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

Table 13. Activities of underground natural gas storage operators, by state, June 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	23,385	33,835	-230	-1.0	1,899	2,397
Alaska <sup>a</sup>	5	83,592	67,915	14,197	32,118	46,315	2,010	6.7	2,154	46
Arkansas	2	21,853	12,178	12,880	2,334	15,214	1,064	83.8	581	0
California	14	603,808	373,236	230,605	254,961	485,566	-27,418	-9.7	18,868	4,936
Colorado	11	139,486	68,174	62,866	35,701	98,567	1,109	3.2	7,136	1,476
Illinois	28	1,004,710	303,613	704,110	110,601	814,711	-5,845	-5.0	32,777	389
Indiana	21	111,721	33,674	77,212	17,072	94,284	-1,202	-6.6	2,972	12
Iowa	4	288,210	90,313	197,897	25,077	222,973	-1,187	-4.5	2,268	351
Kansas	16	282,986	122,982	164,048	89,750	253,799	3,428	4.0	7,442	2,831
Kentucky	23	221,723	107,572	112,935	77,597	190,531	-15,326	-16.5	2,667	4,360
Louisiana	19	748,173	457,202	281,116	326,031	607,147	-25,890	-7.4	35,799	30,531
Maryland	1	64,000	18,300	45,677	8,995	54,672	-4,435	-33.0	2,442	201
Michigan	44	1,071,608	685,709	386,921	462,894	849,814	-37,694	-7.5	57,797	463
Minnesota	1	7,000	2,000	4,848	1,190	6,038	-221	-15.6	190	0
Mississippi	12	334,792	204,713	124,910	126,974	251,884	-13,951	-9.9	12,509	12,033
Missouri	1	13,845	6,000	7,845	6,108	13,953	105	1.8	1	1
Montana	4	376,225	197,477	178,501	25,201	203,701	-3,061	-10.8	4,260	78
Nebraska	1	34,850	12,653	22,197	7,387	29,584	-2,539	-25.6	388	570
New Mexico	2	89,100	59,738	29,362	44,788	74,150	-2,637	-5.6	1,199	1,266
New York	26	245,779	127,487	114,068	64,467	178,535	-23,377	-26.6	13,960	1,196
Ohio	24	575,794	252,140	321,618	112,238	433,856	-9,244	-7.6	26,760	560
Oklahoma	13	376,528	196,675	179,696	149,510	329,206	-12,154	-7.5	13,882	3,445
Oregon	7	29,565	15,935	11,186	15,454	26,639	-1,003	-6.1	1,472	0
Pennsylvania	49	760,619	427,661	335,550	229,177	564,727	-56,984	-19.9	53,290	6,558
Tennessee	2	2,400	1,800	878	1,253	2,130	0	0.0	38	0
Texas	36	854,688	550,163	297,042	421,138	718,180	-39,782	-8.6	42,525	27,258
Utah	3	124,509	54,942	69,508	38,614	108,122	-2,948	-7.1	5,248	87
Virginia	2	9,500	5,400	4,100	4,239	8,339	4	0.1	937	982
Washington	1	46,900	24,600	22,300	17,768	40,068	813	4.8	2,998	259
West Virginia	31	530,837	268,894	262,612	142,931	405,543	1,759	1.2	30,156	3,631
Wyoming	9	157,744	73,705	67,629	32,150	99,779	-2,096	-6.1	2,647	357
<b>Regions</b>										
East Region	133	2,186,529	1,099,882	1,083,625	562,046	1,645,672	-92,279	-14.1	127,546	13,128
South Central Region	100	2,662,620	1,577,063	1,070,143	1,139,122	2,209,265	-87,515	-7.1	114,637	78,493
Midwest Region	124	2,721,215	1,230,680	1,492,644	701,791	2,194,435	-61,370	-8.0	98,711	5,576
Mountain Region	30	921,914	466,689	430,062	183,841	613,904	-12,172	-6.2	20,878	3,834
Pacific Region	22	680,273	413,771	264,091	288,182	552,273	-27,607	-8.7	23,338	5,196
<b>Total Lower 48 States</b>	<b>409</b>	<b>9,172,552</b>	<b>4,788,085</b>	<b>4,340,566</b>	<b>2,874,983</b>	<b>7,215,549</b>	<b>-280,942</b>	<b>-8.9</b>	<b>385,110</b>	<b>106,227</b>
<b>U.S. Total</b>	<b>414</b>	<b>9,256,144</b>	<b>4,856,001</b>	<b>4,354,763</b>	<b>2,907,101</b>	<b>7,261,864</b>	<b>-278,932</b>	<b>-8.8</b>	<b>387,264</b>	<b>106,273</b>

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

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

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

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

State	2017	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	NA	19,302	24,047	NA	NA	NA	3,238
Alaska	11,495	8,944	10,074	657	984	1,473	2,667
Arizona	NA	22,931	20,240	1,327	1,786	2,364	3,714
Arkansas	13,915	16,261	23,849	584	896	1,098	2,771
California	NA	226,240	211,126	20,754	27,080	29,519	40,350
Colorado	68,392	73,959	69,871	3,003	6,370	8,987	12,021
Connecticut	31,274	30,072	37,272	1,405	2,271	3,592	7,982
Delaware	6,149	6,627	8,512	205	347	606	1,674
District of Columbia	NA	7,495	9,675	310	473	562	1,621
Florida	8,530	9,985	9,266	861	1,044	1,369	1,604
Georgia	58,366	71,009	78,701	4,118	4,953	5,731	12,905
Hawaii	303	289	309	49	44	49	52
Idaho	16,205	12,989	12,407	590	1,098	1,987	2,630
Illinois	221,182	237,439	271,768	9,178	16,978	23,302	52,121
Indiana	70,854	77,564	92,178	2,417	5,336	7,079	17,164
Iowa	36,235	38,006	42,253	1,295	2,472	4,106	8,177
Kansas	31,303	33,729	36,869	1,286	1,860	3,210	6,245
Kentucky	23,601	29,287	35,092	780	1,193	2,041	5,670
Louisiana	15,854	20,827	24,762	1,357	1,507	1,798	2,845
Maine	1,756	1,658	1,848	82	139	240	431
Maryland	44,087	48,632	59,587	1,774	3,004	3,395	10,988
Massachusetts	74,811	71,943	91,115	3,324	5,995	8,735	20,438
Michigan	176,331	185,113	214,361	6,208	14,040	19,350	44,047
Minnesota	73,749	74,313	76,832	3,030	5,100	8,401	16,843
Mississippi	9,997	NA	16,196	542	750	798	2,216
Missouri	51,096	56,033	66,766	1,945	3,390	4,587	10,510
Montana	12,569	10,576	10,599	480	914	1,629	2,262
Nebraska	21,283	20,383	22,855	910	1,592	2,419	4,245
Nevada	25,286	23,245	20,481	1,578	1,994	2,755	4,336
New Hampshire	4,599	4,408	5,578	183	352	498	1,235
New Jersey	135,846	139,082	175,278	5,701	9,519	15,232	34,249
New Mexico	17,854	19,899	19,439	967	1,433	2,075	3,001
New York	268,902	264,942	322,622	13,970	20,784	31,157	68,611
North Carolina	31,952	40,731	45,460	1,044	1,515	2,298	8,121
North Dakota	6,471	5,924	6,711	190	348	739	1,480
Ohio	144,995	162,384	205,907	5,268	9,861	13,811	36,946
Oklahoma	27,970	30,592	38,868	1,258	1,818	2,649	4,598
Oregon	28,244	20,739	19,910	1,323	2,142	3,757	5,123
Pennsylvania	135,795	140,524	168,366	5,351	9,758	14,171	34,347
Rhode Island	11,415	10,922	14,162	476	823	1,229	3,224
South Carolina	13,522	17,537	19,427	578	667	1,138	3,318
South Dakota	7,109	7,161	7,446	260	508	797	1,585
Tennessee	31,839	40,300	49,635	1,214	1,802	2,457	7,163
Texas	NA	113,994	149,223	5,809	7,731	9,391	15,962
Utah	36,473	36,510	31,338	2,183	2,834	4,878	5,592
Vermont	2,312	2,159	2,725	134	191	318	582
Virginia	43,218	50,246	62,413	1,561	2,489	3,674	10,989
Washington	52,549	40,640	38,097	2,205	4,008	6,966	10,334
West Virginia	13,064	15,159	18,039	323	755	1,363	3,467
Wisconsin	76,222	77,467	85,947	2,786	5,933	8,391	18,555
Wyoming	8,063	6,668	6,630	383	805	1,036	1,553
<b>Total</b>	<b>2,604,013</b>	<b>2,695,533</b>	<b>3,092,131</b>	<b>123,942</b>	<b>200,678</b>	<b>280,699</b>	<b>581,801</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			
	February	January	Total	December	November	October	September
Alabama	3,289	4,925	28,980	4,979	1,826	893	633
Alaska	2,523	3,191	17,781	2,970	2,314	1,711	828
Arizona	NA	6,674	34,815	4,941	2,295	1,421	1,134
Arkansas	3,179	5,388	26,132	5,723	1,761	706	587
California	53,637	NA	409,429	66,085	37,269	22,105	19,803
Colorado	14,910	23,100	122,273	22,187	11,580	5,970	3,231
Connecticut	7,326	8,700	47,856	8,119	4,606	2,050	1,000
Delaware	1,384	1,933	10,020	1,775	824	292	171
District of Columbia	NA	2,120	11,658	2,185	964	345	207
Florida	1,724	1,928	15,742	1,632	1,113	843	747
Georgia	12,462	18,196	117,092	19,653	10,235	4,850	3,821
Hawaii	52	58	571	52	47	45	49
Idaho	3,773	6,127	24,561	5,819	2,626	1,437	681
Illinois	47,520	72,082	384,290	76,626	32,672	14,594	7,759
Indiana	15,357	23,502	126,270	26,258	11,452	4,336	2,369
Iowa	8,502	11,684	60,664	12,573	4,563	1,996	1,317
Kansas	7,008	11,693	56,010	12,424	4,929	1,598	1,182
Kentucky	5,619	8,298	46,286	9,482	3,929	1,305	778
Louisiana	3,153	5,195	33,472	5,143	2,119	1,480	1,303
Maine	408	457	2,633	452	231	138	58
Maryland	10,924	14,002	76,147	13,865	6,773	2,638	1,421
Massachusetts	16,656	19,663	115,739	19,827	10,970	5,604	2,520
Michigan	39,390	53,296	300,843	55,042	28,110	15,262	6,804
Minnesota	16,691	23,684	119,491	22,005	10,006	5,645	2,641
Mississippi	2,173	3,519	NA	3,772	1,348	624	571
Missouri	11,344	19,320	92,157	21,067	7,285	2,607	1,663
Montana	3,017	4,268	19,815	4,120	2,195	1,434	655
Nebraska	5,128	6,989	32,644	6,839	2,344	1,019	698
Nevada	6,167	8,457	38,271	6,637	2,832	1,772	1,359
New Hampshire	1,042	1,288	7,084	1,289	723	239	158
New Jersey	31,185	39,961	219,410	37,077	19,022	9,042	4,785
New Mexico	4,251	6,126	32,662	5,918	3,074	1,217	937
New York	60,832	73,548	419,700	67,377	38,700	18,644	9,617
North Carolina	7,080	11,894	65,037	13,017	6,352	1,732	1,096
North Dakota	1,581	2,133	10,155	2,160	875	635	220
Ohio	32,795	46,315	256,158	46,063	23,488	10,407	4,734
Oklahoma	6,247	11,400	51,819	11,843	3,903	1,774	1,334
Oregon	6,390	9,510	38,865	8,606	4,096	2,719	1,091
Pennsylvania	31,514	40,654	223,477	39,761	21,335	9,168	4,331
Rhode Island	2,609	3,054	17,700	3,153	1,804	932	370
South Carolina	2,976	4,844	27,754	5,410	2,633	733	504
South Dakota	1,477	2,482	11,787	2,541	908	526	242
Tennessee	7,505	11,697	62,836	13,220	4,681	1,503	1,088
Texas	22,929	NA	175,286	29,021	9,101	6,502	5,346
Utah	7,281	13,705	63,797	13,113	6,350	2,973	1,778
Vermont	518	568	3,396	534	313	143	84
Virginia	9,939	14,567	77,191	13,321	6,535	2,887	1,452
Washington	12,341	16,695	76,179	15,993	7,828	5,538	2,548
West Virginia	3,098	4,057	23,559	4,146	2,299	896	366
Wisconsin	17,155	23,402	124,213	24,126	10,265	5,535	2,379
Wyoming	1,868	2,420	11,675	2,366	1,109	707	343
<b>Total</b>	<b>583,307</b>	<b>833,587</b>	<b>4,391,507</b>	<b>802,304</b>	<b>384,609</b>	<b>189,171</b>	<b>110,792</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						
	August	July	June	May	April	March	February
Alabama	659	689	849	997	1,678	2,811	5,627
Alaska	534	479	534	864	1,233	1,886	2,068
Arizona	1,021	1,072	1,314	1,750	2,402	3,064	5,763
Arkansas	529	564	665	902	1,457	2,654	4,770
California	18,507	19,421	21,129	24,628	28,039	39,564	43,489
Colorado	2,751	2,597	2,956	6,531	10,396	14,346	17,334
Connecticut	933	1,075	1,365	2,385	4,229	5,562	7,947
Delaware	160	171	231	475	823	1,135	1,879
District of Columbia	216	246	287	501	791	1,107	2,285
Florida	702	720	821	996	1,256	1,742	2,399
Georgia	3,854	3,670	3,801	4,678	6,530	9,664	19,992
Hawaii	45	45	45	44	51	49	47
Idaho	492	518	580	881	1,290	2,532	3,241
Illinois	7,419	7,782	9,472	15,751	30,185	41,109	62,368
Indiana	2,238	2,053	2,253	4,786	9,433	11,771	21,582
Iowa	1,042	1,167	1,173	2,228	4,620	6,723	10,123
Kansas	1,030	1,118	1,426	2,159	2,692	5,285	8,935
Kentucky	780	725	817	1,509	2,673	4,737	8,694
Louisiana	1,330	1,270	1,321	1,579	2,028	2,782	5,204
Maine	45	51	62	141	264	341	401
Maryland	1,339	1,479	1,778	3,331	5,405	7,528	13,550
Massachusetts	2,356	2,519	2,893	5,800	10,379	14,183	18,657
Michigan	5,010	5,503	5,714	12,468	27,877	33,887	48,719
Minnesota	2,537	2,343	2,991	4,321	10,032	12,742	20,031
Mississippi	553	567	NA	815	NA	1,730	3,307
Missouri	1,739	1,763	1,942	2,934	5,008	8,781	15,238
Montana	420	415	534	969	1,336	2,084	2,377
Nebraska	657	704	894	1,354	2,295	3,457	5,397
Nevada	1,183	1,243	1,486	1,952	2,449	3,452	5,542
New Hampshire	133	134	173	307	626	831	1,136
New Jersey	4,501	5,901	6,524	10,990	18,208	24,355	35,568
New Mexico	776	841	1,087	1,549	2,184	3,349	4,976
New York	9,441	10,979	13,039	22,528	37,670	48,649	67,663
North Carolina	1,054	1,055	1,231	1,670	3,327	5,172	13,015
North Dakota	177	164	183	378	778	1,086	1,524
Ohio	4,832	4,251	4,876	10,529	21,466	26,937	44,213
Oklahoma	1,214	1,160	1,409	1,811	2,441	4,745	7,832
Oregon	610	1,005	1,104	1,518	2,197	4,431	4,802
Pennsylvania	4,094	4,264	5,242	9,866	17,384	23,082	38,618
Rhode Island	242	276	335	767	1,541	1,991	2,872
South Carolina	487	450	502	723	1,408	2,293	5,713
South Dakota	212	198	232	529	983	1,317	1,785
Tennessee	974	1,070	1,234	1,772	3,312	5,827	12,089
Texas	5,374	5,948	7,068	7,366	11,575	16,582	30,037
Utah	1,363	1,710	1,460	2,988	4,442	6,215	9,011
Vermont	74	89	109	196	357	380	541
Virginia	1,346	1,403	2,054	3,072	5,427	8,183	14,331
Washington	1,779	1,853	2,296	3,165	4,151	8,883	9,250
West Virginia	326	367	375	735	1,808	2,668	4,221
Wisconsin	2,103	2,338	2,581	5,006	11,130	14,251	19,744
Wyoming	253	228	290	754	953	1,270	1,490
<b>Total</b>	<b>101,445</b>	<b>107,654</b>	<b>123,478</b>	<b>195,951</b>	<b>331,164</b>	<b>459,199</b>	<b>697,398</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
	January	Total	December	November	October	September	August
Alabama	7,340	32,709	3,492	2,079	956	710	705
Alaska	2,359	18,574	2,683	2,317	1,429	1,040	531
Arizona	8,638	34,507	6,665	3,133	1,345	1,080	978
Arkansas	5,813	32,998	4,259	2,357	794	585	556
California	69,390	401,172	73,056	44,392	19,235	17,032	17,399
Colorado	22,396	122,364	22,545	16,187	5,800	2,924	2,403
Connecticut	8,584	50,975	4,749	3,846	2,101	948	970
Delaware	2,084	11,260	1,049	772	406	168	178
District of Columbia	2,524	13,494	1,456	994	567	276	262
Florida	2,772	15,044	1,425	1,204	1,070	626	628
Georgia	26,344	118,025	11,963	10,264	5,883	3,800	3,751
Hawaii	52	572	47	44	44	41	43
Idaho	4,466	23,482	4,842	3,704	1,017	652	367
Illinois	78,554	400,876	50,976	36,127	18,138	8,118	7,790
Indiana	27,740	133,045	16,792	11,707	5,768	2,419	2,008
Iowa	13,139	62,739	9,058	5,499	2,408	1,280	1,052
Kansas	13,233	57,408	8,784	5,493	2,143	1,569	1,418
Kentucky	10,856	49,426	5,853	4,167	1,640	885	889
Louisiana	7,912	36,046	3,679	2,331	1,503	1,326	1,178
Maine	450	2,700	315	246	145	48	48
Maryland	17,039	82,858	8,376	6,235	3,881	1,542	1,580
Massachusetts	20,032	126,662	12,658	9,466	5,833	2,486	2,463
Michigan	56,448	312,098	35,475	28,390	16,422	6,006	5,872
Minnesota	24,196	117,586	17,835	10,603	5,140	2,331	2,553
Mississippi	5,159	23,248	2,448	1,833	833	728	589
Missouri	22,130	95,503	12,940	7,731	3,096	1,646	1,729
Montana	3,276	18,796	3,263	2,636	1,042	494	379
Nebraska	6,986	34,663	5,620	2,921	1,081	683	695
Nevada	8,364	37,029	7,344	4,218	1,449	1,228	1,189
New Hampshire	1,334	7,842	884	680	251	153	146
New Jersey	43,438	237,104	22,176	16,145	8,928	4,507	4,589
New Mexico	6,754	33,130	6,207	3,759	1,247	829	840
New York	75,393	452,148	44,300	33,879	20,673	10,201	10,144
North Carolina	16,316	64,523	6,836	6,169	2,737	1,092	1,214
North Dakota	1,975	10,552	1,698	1,060	509	199	209
Ohio	54,362	285,306	30,726	22,078	12,188	4,677	4,717
Oklahoma	12,354	59,387	9,335	5,700	1,814	1,240	1,227
Oregon	6,686	37,257	6,962	5,748	1,772	1,195	825
Pennsylvania	46,333	235,635	24,488	18,219	11,556	4,796	4,062
Rhode Island	3,416	20,042	1,952	1,632	1,063	391	404
South Carolina	6,899	27,417	3,019	2,374	1,032	549	513
South Dakota	2,314	11,751	2,016	1,174	478	228	219
Tennessee	16,067	67,301	7,707	4,810	1,967	1,155	995
Texas	41,366	211,370	28,032	11,027	6,334	5,401	4,874
Utah	12,393	58,562	12,346	8,345	2,015	1,329	1,555
Vermont	576	3,833	402	294	168	81	74
Virginia	17,179	85,464	8,151	6,455	3,540	1,903	1,475
Washington	12,895	71,952	12,477	11,223	4,202	2,615	1,638
West Virginia	5,352	24,807	2,449	2,120	1,235	385	337
Wisconsin	24,754	126,854	16,449	11,077	6,091	2,502	2,310
Wyoming	1,912	11,576	2,277	1,489	437	300	199
<b>Total</b>	<b>888,342</b>	<b>4,609,670</b>	<b>590,535</b>	<b>406,355</b>	<b>201,405</b>	<b>108,401</b>	<b>102,770</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	720	765	1,111	1,694	3,858	8,542	8,077
Alaska	499	589	883	1,473	2,174	2,212	2,743
Arizona	1,065	1,320	1,820	2,191	3,200	4,275	7,435
Arkansas	598	666	941	1,631	4,838	7,706	8,067
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	824	859	924	1,217	1,364	2,443	2,459
Georgia	3,663	3,679	4,354	5,538	12,196	26,722	26,213
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	7,953	13,543	13,094
Kansas	1,132	1,357	1,823	2,487	7,202	11,373	12,628
Kentucky	899	900	1,217	2,309	7,078	12,025	11,564
Louisiana	1,266	1,260	1,642	1,842	4,242	7,405	8,372
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	8,177	15,010	23,783	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	382	401	903	1,448	1,947	2,604	3,296
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	13,068	18,250	36,469	74,728	91,104	89,003
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	1,327	1,936	2,647	6,954	12,791	13,212
Oregon	844	968	1,703	3,258	3,543	4,187	6,251
Pennsylvania	4,148	5,380	7,625	17,156	37,960	51,850	48,396
Rhode Island	437	498	577	1,426	3,296	4,154	4,211
South Carolina	502	496	687	1,066	3,183	7,065	6,930
South Dakota	190	278	508	783	1,358	2,162	2,357
Tennessee	1,033	1,201	1,606	3,087	9,120	18,019	16,601
Texas	6,479	6,360	6,857	10,986	34,512	36,889	53,619
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	1,701	1,916	3,105	5,975	7,229	8,084	11,788
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>108,073</b>	<b>123,975</b>	<b>177,453</b>	<b>319,134</b>	<b>632,699</b>	<b>901,656</b>	<b>937,215</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	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	NA	13,465	15,204	NA	NA	NA	2,332
Alaska	9,804	8,210	10,001	669	1,002	1,311	2,229
Arizona	17,183	17,146	16,349	1,971	2,290	2,542	2,951
Arkansas	NA	24,355	27,977	2,675	NA	3,023	4,374
California	119,462	117,619	116,869	14,636	16,080	17,095	19,777
Colorado	29,979	32,267	30,803	1,757	3,095	4,077	5,262
Connecticut	30,274	28,622	33,147	2,356	2,782	3,888	7,156
Delaware	7,082	6,937	7,254	559	717	747	1,685
District of Columbia	7,905	8,863	10,430	784	933	1,005	1,695
Florida	31,528	32,361	33,448	4,503	4,777	5,152	5,684
Georgia	25,586	30,662	33,799	2,223	2,603	2,827	5,435
Hawaii	NA	939	974	NA	157	164	173
Idaho	10,896	9,062	8,705	708	944	1,329	1,738
Illinois	119,729	121,460	137,284	7,565	12,879	13,523	25,916
Indiana	40,783	43,003	50,850	2,439	3,575	4,422	9,273
Iowa	27,544	27,944	30,663	1,783	2,322	3,333	5,900
Kansas	16,807	17,756	17,447	1,361	1,540	2,243	3,110
Kentucky	17,321	19,907	23,247	1,108	1,348	1,673	3,915
Louisiana	NA	16,117	16,298	NA	2,126	2,160	2,718
Maine	5,337	5,219	6,374	325	472	712	1,310
Maryland	38,441	40,002	44,046	2,966	4,092	4,182	9,098
Massachusetts	58,077	55,914	67,142	3,839	5,477	6,961	14,836
Michigan	96,514	98,818	112,735	6,088	8,970	11,447	22,291
Minnesota	58,107	56,659	58,947	3,145	4,896	7,534	12,420
Mississippi	8,902	10,283	11,682	908	1,107	1,001	1,786
Missouri	NA	33,747	39,248	2,196	2,785	3,319	6,388
Montana	13,242	11,374	10,796	758	1,102	1,721	2,491
Nebraska	17,176	15,349	17,741	1,251	1,566	2,214	3,301
Nevada	17,674	16,784	15,730	1,891	2,169	2,573	3,061
New Hampshire	5,537	5,286	6,639	251	446	592	1,509
New Jersey	NA	88,615	108,278	6,216	7,843	9,544	21,049
New Mexico	12,363	13,279	13,075	1,010	1,275	1,715	1,952
New York	175,617	172,397	195,410	14,759	18,316	21,667	41,604
North Carolina	27,030	31,986	33,433	2,349	2,956	2,955	6,129
North Dakota	7,456	6,799	7,709	325	496	903	1,667
Ohio	84,346	91,413	114,779	4,943	7,052	8,294	20,490
Oklahoma	21,071	21,828	25,865	1,637	1,954	2,422	3,537
Oregon	18,522	14,093	13,697	1,188	1,664	2,452	3,299
Pennsylvania	85,244	86,795	100,282	5,313	7,427	9,279	20,680
Rhode Island	6,971	6,815	8,455	305	550	769	1,932
South Carolina	11,882	13,416	13,704	1,422	1,520	1,501	2,505
South Dakota	6,076	6,012	6,283	337	504	696	1,321
Tennessee	25,378	29,870	33,864	2,180	2,641	2,574	5,373
Texas	NA	NA	104,023	10,361	11,385	12,319	14,777
Utah	22,078	22,029	19,184	1,682	1,908	3,089	3,331
Vermont	NA	NA	3,271	NA	336	379	782
Virginia	34,921	38,940	42,909	3,037	3,619	4,160	7,851
Washington	33,813	27,028	26,434	2,431	3,459	4,724	6,357
West Virginia	11,720	12,840	14,156	993	1,183	1,508	2,647
Wisconsin	51,086	52,165	58,463	3,053	4,471	6,280	11,180
Wyoming	8,664	7,143	7,079	530	944	1,119	1,718
<b>Total</b>	<b>1,738,202</b>	<b>1,765,656</b>	<b>1,962,182</b>	<b>138,276</b>	<b>178,074</b>	<b>212,430</b>	<b>369,995</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			2016			
	February	January	Total	December	November	October	September
Alabama	2,130	3,049	23,711	3,336	2,290	1,515	1,036
Alaska	2,053	2,540	15,948	2,277	1,985	1,403	864
Arizona	3,414	4,015	30,725	3,630	2,643	1,985	1,792
Arkansas	4,501	6,273	45,267	6,208	4,004	3,056	2,639
California	22,196	29,678	235,267	28,663	22,150	17,177	16,573
Colorado	6,262	9,526	54,176	9,058	5,136	2,751	1,815
Connecticut	6,449	7,643	51,828	7,325	4,997	3,279	2,543
Delaware	1,497	1,877	12,832	1,939	1,309	898	620
District of Columbia	1,512	1,976	15,240	1,958	1,536	875	657
Florida	5,299	6,113	61,039	5,757	5,137	4,604	4,452
Georgia	5,207	7,290	51,896	7,729	4,656	2,608	2,113
Hawaii	164	185	1,926	170	165	162	171
Idaho	2,454	3,722	17,316	3,221	1,632	1,245	798
Illinois	24,483	35,362	209,624	34,525	17,156	12,531	8,174
Indiana	8,358	12,716	74,400	13,339	6,390	4,343	2,729
Iowa	6,107	8,099	48,628	8,277	4,136	2,937	1,790
Kansas	3,252	5,302	31,546	5,369	2,432	1,786	1,402
Kentucky	3,848	5,429	34,104	6,038	3,045	1,720	1,187
Louisiana	2,436	3,326	30,340	3,542	2,572	2,192	1,964
Maine	1,184	1,334	8,735	1,327	776	536	299
Maryland	7,919	10,185	69,367	9,575	6,787	4,106	3,179
Massachusetts	12,447	14,517	99,142	14,636	9,770	6,940	4,187
Michigan	21,159	26,560	161,569	25,089	13,434	8,386	5,464
Minnesota	13,013	17,100	93,812	14,977	8,140	5,463	2,987
Mississippi	1,713	2,387	18,341	2,400	1,632	1,111	1,001
Missouri	NA	10,356	59,444	10,500	5,711	3,079	2,067
Montana	3,046	4,122	21,711	4,021	2,279	1,585	951
Nebraska	3,989	4,856	26,475	4,802	2,296	1,236	937
Nevada	3,493	4,488	30,730	3,952	2,606	2,126	1,813
New Hampshire	1,222	1,517	8,766	1,530	918	376	241
New Jersey	18,731	NA	157,393	24,251	12,040	8,115	7,542
New Mexico	2,471	3,939	25,745	4,108	3,440	1,583	1,208
New York	36,941	42,331	310,064	40,704	27,805	21,085	15,423
North Carolina	5,111	7,530	56,592	7,565	5,369	3,403	2,826
North Dakota	1,725	2,339	12,023	2,387	1,051	810	363
Ohio	18,409	25,158	152,943	24,229	14,644	8,588	4,917
Oklahoma	4,423	7,097	38,626	6,979	3,002	1,991	1,684
Oregon	4,087	5,831	26,132	4,930	2,458	1,901	1,045
Pennsylvania	19,185	23,360	148,756	23,834	14,846	8,847	5,067
Rhode Island	1,529	1,887	10,869	1,864	1,031	578	236
South Carolina	2,125	2,810	24,191	2,895	2,470	1,619	1,309
South Dakota	1,242	1,975	10,510	1,982	970	594	351
Tennessee	5,281	7,329	52,082	8,391	4,929	2,663	2,141
Texas	NA	NA	NA	20,140	13,071	10,754	10,095
Utah	4,490	7,579	38,760	6,977	4,188	1,955	1,347
Vermont	685	822	NA	834	567	489	348
Virginia	6,929	9,325	67,366	8,352	7,385	4,444	2,936
Washington	7,402	9,440	51,139	8,615	4,767	3,790	2,494
West Virginia	2,438	2,950	22,390	3,109	2,051	1,336	994
Wisconsin	10,810	15,292	87,802	14,479	7,348	4,834	3,110
Wyoming	1,922	2,431	12,641	2,136	1,185	801	522
<b>Total</b>	<b>360,878</b>	<b>478,549</b>	<b>3,123,367</b>	<b>463,930</b>	<b>282,337</b>	<b>192,191</b>	<b>142,405</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						
	August	July	June	May	April	March	February
Alabama	1,053	1,015	1,180	1,244	1,497	1,825	3,106
Alaska	642	566	664	825	1,195	1,664	1,752
Arizona	1,759	1,771	1,910	2,165	2,460	2,770	3,398
Arkansas	2,571	2,433	2,529	2,837	3,099	4,174	5,497
California	17,531	15,553	15,889	16,362	17,097	20,403	21,311
Colorado	1,503	1,647	1,838	3,121	4,598	6,179	7,263
Connecticut	2,541	2,521	2,175	2,917	3,862	5,272	7,021
Delaware	588	540	535	695	934	1,113	1,658
District of Columbia	681	670	623	854	1,190	1,264	2,405
Florida	4,189	4,538	4,450	4,774	5,164	5,543	6,001
Georgia	2,083	2,045	2,078	2,465	3,237	4,427	7,996
Hawaii	163	155	154	151	162	157	155
Idaho	701	657	653	851	993	1,706	2,077
Illinois	7,896	7,882	7,251	10,496	15,803	21,382	30,584
Indiana	2,502	2,095	2,183	3,288	5,180	6,513	11,450
Iowa	1,806	1,738	1,586	2,110	3,493	4,879	7,054
Kansas	1,429	1,371	1,476	1,777	1,906	2,653	4,212
Kentucky	1,137	1,069	1,023	1,545	1,827	3,238	5,517
Louisiana	2,071	1,882	1,909	2,219	2,247	2,364	2,921
Maine	287	292	319	483	809	1,044	1,198
Maryland	2,896	2,823	3,188	4,081	5,411	6,392	9,509
Massachusetts	3,980	3,715	3,621	5,404	8,350	10,080	13,214
Michigan	5,284	5,093	5,515	8,703	14,623	18,781	24,800
Minnesota	2,877	2,709	3,116	4,634	7,387	10,400	14,300
Mississippi	985	930	1,173	1,207	1,032	1,453	2,237
Missouri	2,211	2,128	2,122	2,782	3,376	5,431	8,887
Montana	756	745	778	1,158	1,488	2,272	2,434
Nebraska	913	942	1,029	1,243	1,783	2,518	3,775
Nevada	1,701	1,748	1,760	2,155	2,390	2,766	3,365
New Hampshire	209	206	255	398	738	991	1,320
New Jersey	8,440	8,390	8,184	9,176	11,773	15,436	20,511
New Mexico	1,086	1,041	1,152	1,288	1,607	2,265	2,902
New York	16,633	16,016	15,142	17,114	23,655	29,003	40,326
North Carolina	2,826	2,617	2,615	2,915	3,791	4,335	8,013
North Dakota	305	308	302	430	1,044	1,211	1,659
Ohio	4,931	4,220	4,182	6,674	12,115	14,966	23,559
Oklahoma	1,646	1,495	1,565	2,092	2,215	3,442	5,075
Oregon	679	1,026	1,020	1,285	1,752	2,849	3,087
Pennsylvania	4,814	4,553	4,967	7,146	11,041	13,699	22,320
Rhode Island	169	176	237	555	988	1,261	1,767
South Carolina	1,325	1,157	1,279	1,422	1,885	1,881	3,039
South Dakota	300	301	304	485	826	1,061	1,405
Tennessee	2,052	2,035	2,032	2,652	2,983	4,369	7,608
Texas	10,092	10,294	NA	10,611	13,184	14,740	19,038
Utah	1,028	1,235	1,075	2,010	2,773	3,970	5,319
Vermont	350	345	306	286	NA	516	714
Virginia	2,664	2,646	3,132	3,556	5,145	6,289	9,234
Washington	2,176	2,268	2,441	2,828	3,094	5,496	5,807
West Virginia	1,001	1,059	984	1,208	1,633	2,302	3,018
Wisconsin	3,029	2,838	3,132	4,532	7,133	9,172	13,078
Wyoming	442	413	406	810	1,043	1,403	1,539
<b>Total</b>	<b>140,935</b>	<b>135,912</b>	<b>138,840</b>	<b>172,019</b>	<b>233,538</b>	<b>299,321</b>	<b>415,435</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
	January	Total	December	November	October	September	August
Alabama	4,613	24,915	2,398	2,348	1,534	1,190	1,136
Alaska	2,110	18,472	2,469	2,028	1,393	1,202	717
Arizona	4,443	30,528	4,130	3,014	1,918	1,708	1,650
Arkansas	6,220	47,651	4,918	4,033	3,163	2,654	2,517
California	26,558	235,787	29,483	26,091	16,134	15,078	16,351
Colorado	9,269	54,004	9,189	6,639	2,795	1,647	1,409
Connecticut	7,376	52,453	4,915	4,024	3,080	2,515	2,451
Delaware	2,003	11,731	1,234	1,117	852	453	429
District of Columbia	2,528	17,113	1,611	1,563	1,230	798	770
Florida	6,429	62,754	5,584	5,144	4,936	4,382	4,589
Georgia	10,458	53,712	5,192	4,701	3,163	2,420	2,275
Hawaii	159	1,908	167	148	152	153	156
Idaho	2,782	16,708	2,812	2,140	1,102	718	603
Illinois	35,945	215,218	24,423	18,019	12,469	7,827	7,840
Indiana	14,389	77,526	8,323	6,374	4,687	2,765	2,171
Iowa	8,822	49,269	6,378	4,268	3,109	1,752	1,499
Kansas	5,732	30,959	4,058	2,487	2,132	1,610	1,796
Kentucky	6,758	35,435	3,735	3,061	1,788	1,208	1,205
Louisiana	4,457	29,805	2,872	2,697	2,213	2,141	1,839
Maine	1,367	10,072	1,006	816	597	435	428
Maryland	11,422	70,199	6,638	5,903	4,720	2,962	2,986
Massachusetts	15,244	105,397	10,010	9,181	7,315	3,981	3,877
Michigan	26,396	168,360	17,807	13,062	9,169	5,182	5,372
Minnesota	16,822	93,004	12,435	8,304	5,158	2,760	2,884
Mississippi	3,179	19,697	1,800	1,741	1,302	1,167	1,045
Missouri	11,150	61,388	7,357	5,298	3,331	2,112	2,161
Montana	3,244	19,364	3,082	2,486	1,149	682	577
Nebraska	5,001	29,464	4,117	2,718	1,616	964	1,044
Nevada	4,348	29,873	4,045	3,114	1,977	1,674	1,722
New Hampshire	1,584	9,630	1,050	850	389	240	233
New Jersey	23,535	163,223	13,604	11,164	8,406	7,123	7,173
New Mexico	4,065	25,038	4,115	3,137	1,608	1,053	1,068
New York	47,157	311,203	28,986	24,516	19,000	14,007	14,826
North Carolina	10,316	55,114	4,403	5,334	4,116	2,889	2,452
North Dakota	2,153	12,317	1,799	1,208	664	320	310
Ohio	29,917	166,602	16,202	12,682	9,078	4,465	4,716
Oklahoma	7,439	41,977	5,631	3,757	2,030	1,599	1,565
Oregon	4,099	25,797	4,191	3,351	1,510	1,184	923
Pennsylvania	27,622	152,079	14,838	12,872	9,859	5,196	4,641
Rhode Island	2,006	12,016	1,132	1,030	638	247	253
South Carolina	3,910	23,494	1,873	2,099	1,795	1,356	1,365
South Dakota	1,931	10,434	1,546	1,114	565	312	310
Tennessee	10,226	53,041	5,191	4,634	3,032	2,225	2,057
Texas	23,837	177,594	19,098	13,847	10,634	9,727	9,512
Utah	6,883	35,772	6,958	4,785	1,491	1,003	1,170
Vermont	899	5,918	583	554	520	334	316
Virginia	11,584	69,107	6,201	6,155	4,889	3,592	2,646
Washington	7,362	49,967	7,685	6,044	3,220	2,521	1,995
West Virginia	3,696	22,598	2,014	1,928	1,551	1,110	853
Wisconsin	15,118	90,175	10,348	7,772	4,983	2,866	2,963
Wyoming	1,941	12,937	2,395	1,637	604	503	298
<b>Total</b>	<b>506,503</b>	<b>3,198,797</b>	<b>352,031</b>	<b>282,990</b>	<b>194,764</b>	<b>138,010</b>	<b>135,142</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	1,106	1,103	1,405	1,432	2,127	4,665	4,471
Alaska	662	574	1,147	1,548	2,268	1,992	2,473
Arizona	1,758	1,878	2,203	2,422	2,785	3,082	3,980
Arkansas	2,388	2,405	2,654	3,183	5,328	7,068	7,338
California	15,782	16,147	19,132	18,079	18,893	19,598	25,020
Colorado	1,522	1,954	3,510	3,872	5,458	7,069	8,940
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	4,671	4,863	4,762	5,286	5,629	6,332	6,575
Georgia	2,161	2,093	2,624	3,296	5,476	10,128	10,181
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	2,356	2,308	2,725	5,093	9,951	15,388	15,385
Iowa	1,600	1,807	2,113	3,165	5,812	9,123	8,643
Kansas	1,428	1,076	1,439	1,588	3,180	4,868	5,296
Kentucky	1,192	1,125	1,202	1,739	4,345	7,562	7,275
Louisiana	1,745	1,840	2,037	2,001	2,514	3,680	4,226
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	3,892	4,042	4,417	7,679	14,537	18,252	18,214
Michigan	5,034	5,423	7,299	13,744	23,965	31,717	30,587
Minnesota	2,516	2,609	3,970	6,599	11,399	17,900	16,471
Mississippi	960	1,013	1,066	1,129	2,144	3,003	3,327
Missouri	1,881	1,840	2,368	4,330	8,620	11,594	10,496
Montana	590	579	981	1,394	2,045	2,568	3,229
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	41,823	50,725	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	1,940	2,349	4,767	7,445	7,823
Oregon	942	981	1,551	2,209	2,391	2,791	3,774
Pennsylvania	4,390	5,154	5,766	10,552	21,189	29,766	27,856
Rhode Island	262	309	385	872	1,949	2,477	2,463
South Carolina	1,301	1,285	1,500	1,568	2,129	3,650	3,572
South Dakota	305	323	498	672	1,103	1,771	1,916
Tennessee	2,039	2,141	2,453	2,928	5,637	10,805	9,900
Texas	10,752	10,723	10,314	12,752	20,618	21,963	27,654
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	2,068	2,407	2,942	4,172	4,779	5,305	6,829
West Virginia	984	798	1,107	1,707	3,122	3,798	3,624
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>133,678</b>	<b>135,477</b>	<b>160,452</b>	<b>232,156</b>	<b>385,467</b>	<b>516,680</b>	<b>531,951</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	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	96,884	98,959	94,552	15,538	16,030	15,566	17,067
Alaska	1,485	1,767	2,555	200	221	237	281
Arizona	10,153	10,243	10,457	1,358	1,571	1,593	1,761
Arkansas	42,457	40,935	44,650	6,557	6,949	6,668	7,114
California	365,512	372,187	375,109	60,042	62,090	60,091	62,688
Colorado	43,749	42,449	41,249	5,218	6,480	6,888	7,565
Connecticut	12,767	12,805	14,273	1,688	1,753	1,845	2,629
Delaware	NA	15,446	17,061	2,424	2,316	NA	2,353
District of Columbia	0	0	0	0	0	0	0
Florida	51,437	52,591	49,413	7,665	8,344	8,287	9,164
Georgia	77,500	78,814	79,446	12,788	12,577	11,956	13,984
Hawaii	269	262	210	45	46	42	47
Idaho <sup>a</sup>	18,375	17,261	14,862	2,455	2,741	2,819	3,183
Illinois	129,027	NA	140,252	17,200	<sup>R</sup> 19,024	19,816	23,439
Indiana	185,481	196,367	197,403	26,248	27,859	29,610	33,772
Iowa	111,593	90,592	91,404	17,606	18,141	18,120	19,988
Kansas	56,916	56,200	54,087	9,406	8,440	8,971	9,738
Kentucky	58,696	60,197	61,685	8,513	<sup>R</sup> 9,236	9,072	10,486
Louisiana	NA	515,711	467,129	NA	88,664	87,407	89,796
Maine	8,518	NA	11,530	1,133	1,171	1,375	1,595
Maryland	7,779	7,730	7,733	1,244	1,197	1,019	1,540
Massachusetts	25,900	25,116	26,364	2,646	<sup>R</sup> 3,117	<sup>R</sup> 4,187	<sup>R</sup> 5,424
Michigan	89,673	92,172	94,395	10,877	12,465	13,101	17,606
Minnesota	84,876	85,419	82,816	12,562	12,793	13,663	14,831
Mississippi	64,371	59,241	60,470	10,206	10,846	<sup>R</sup> 10,553	11,140
Missouri	32,966	34,078	35,369	4,371	4,727	5,024	5,926
Montana	8,900	NA	10,354	1,382	1,089	1,261	1,628
Nebraska	42,819	39,610	41,922	6,224	6,880	7,022	7,358
Nevada	9,488	9,054	8,929	1,481	1,469	1,525	1,673
New Hampshire	4,288	NA	4,538	578	651	733	781
New Jersey	NA	30,587	30,091	NA	4,358	NA	NA
New Mexico	NA	8,205	9,118	1,253	1,309	NA	NA
New York	42,127	42,144	46,784	5,517	5,589	6,469	8,343
North Carolina	52,694	54,569	54,113	8,115	8,317	8,294	9,643
North Dakota	17,080	15,372	16,161	2,792	2,885	2,938	3,089
Ohio	145,343	146,887	152,966	18,926	21,430	22,640	26,995
Oklahoma	101,351	99,077	92,912	16,008	16,732	17,206	17,894
Oregon	29,452	27,683	28,196	4,300	4,643	4,675	5,092
Pennsylvania	109,606	107,264	129,114	15,800	16,557	16,851	20,727
Rhode Island	NA	4,360	4,528	660	666	799	716
South Carolina	44,703	44,118	41,845	7,045	7,336	7,140	7,985
South Dakota	23,115	22,341	22,515	3,624	3,595	3,777	3,809
Tennessee	68,147	61,769	60,312	10,592	10,957	10,600	11,878
Texas	NA	807,935	789,991	140,470	133,509	130,659	140,415
Utah	20,819	20,225	19,380	3,112	3,248	3,481	3,390
Vermont	1,115	1,137	1,028	158	158	167	215
Virginia	47,001	45,060	43,636	7,629	7,687	7,825	8,260
Washington	40,189	39,152	38,285	5,927	6,039	6,250	6,991
West Virginia	17,751	15,240	14,137	2,800	2,743	2,567	3,225
Wisconsin	77,720	74,756	73,563	9,880	10,957	11,632	14,930
Wyoming	26,120	24,767	23,704	3,791	4,142	4,341	4,675
<b>Total</b>	<b>3,910,853</b>	<b>3,864,508</b>	<b>3,832,596</b>	<b>607,775</b>	<b><sup>R</sup>621,745</b>	<b><sup>R</sup>622,931</b>	<b><sup>R</sup>689,294</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			
	February	January	Total	December	November	October	September
Alabama	15,193	17,491	189,066	16,700	15,247	14,849	13,993
Alaska	259	286	4,268	466	493	538	436
Arizona	1,793	2,078	19,762	1,914	1,647	1,664	1,576
Arkansas	7,110	8,059	80,896	7,842	6,984	6,496	6,142
California	56,613	63,988	772,366	66,309	62,744	63,617	68,647
Colorado	7,647	9,951	81,068	9,511	7,271	6,154	5,217
Connecticut	2,213	2,640	24,743	2,724	2,256	1,779	1,695
Delaware	2,657	2,888	NA	2,777	NA	2,742	2,659
District of Columbia	0	0	0	0	0	0	0
Florida	8,160	9,817	103,528	9,128	8,608	8,357	8,142
Georgia	12,526	13,668	152,916	13,563	12,720	12,805	11,364
Hawaii	42	48	542	42	41	43	44
Idaho	3,276	3,901	34,782	3,790	3,173	3,119	2,661
Illinois	22,641	26,907	NA	27,278	22,336	20,481	18,672
Indiana	31,544	36,448	370,734	37,397	28,273	24,643	27,073
Iowa	18,125	19,614	187,987	20,033	18,342	16,267	14,106
Kansas	9,017	11,343	114,795	11,764	9,145	8,448	7,741
Kentucky	9,904	11,485	115,334	11,102	10,040	9,012	8,211
Louisiana	82,009	NA	1,039,701	93,159	87,364	84,902	83,892
Maine	1,534	1,709	NA	1,460	1,350	1,634	1,522
Maryland	1,280	1,497	NA	NA	1,124	1,256	978
Massachusetts	4,995	5,531	44,896	5,115	4,138	3,271	2,450
Michigan	16,457	19,166	173,140	18,529	14,628	13,284	12,206
Minnesota	14,655	16,372	161,967	15,909	13,695	11,955	10,822
Mississippi	10,396	11,231	116,053	10,723	9,927	8,328	8,686
Missouri	5,838	7,079	NA	6,789	5,300	NA	4,666
Montana	1,620	1,920	NA	1,927	2,209	NA	NA
Nebraska	7,608	7,728	87,938	8,105	8,026	7,797	7,380
Nevada	1,519	1,820	NA	NA	1,523	1,635	NA
New Hampshire	782	763	NA	728	685	616	586
New Jersey	4,997	5,436	63,578	5,587	4,674	5,614	5,377
New Mexico	1,243	1,547	16,165	1,529	1,398	1,325	1,237
New York	7,634	8,576	81,684	8,814	7,179	6,491	5,650
North Carolina	8,674	9,650	105,636	9,641	8,950	8,636	7,710
North Dakota	2,402	2,973	31,340	2,625	3,068	3,185	2,853
Ohio	26,065	29,288	277,927	27,932	23,646	21,566	19,514
Oklahoma	15,546	17,966	192,349	17,580	15,453	14,985	13,805
Oregon	4,978	5,764	54,533	5,387	4,489	4,645	4,219
Pennsylvania	18,755	20,916	209,336	20,384	19,228	17,129	14,675
Rhode Island	NA	806	8,474	734	677	694	742
South Carolina	7,162	8,036	87,105	7,864	7,759	7,074	6,780
South Dakota	4,066	4,244	44,559	4,107	3,952	3,564	3,535
Tennessee	11,608	12,512	122,540	12,126	10,505	9,963	9,315
Texas	131,076	NA	NA	156,777	142,307	139,331	139,062
Utah	3,810	3,779	38,568	3,460	3,201	3,130	2,995
Vermont	196	222	2,172	217	199	185	153
Virginia	7,861	7,740	89,149	7,677	7,555	6,462	7,536
Washington	6,836	8,145	79,274	7,906	6,688	7,137	6,413
West Virginia	3,013	3,403	33,710	3,519	3,406	3,159	2,847
Wisconsin	13,681	16,639	143,209	15,836	12,337	11,267	9,824
Wyoming	4,363	4,809	51,372	5,032	4,803	4,522	3,904
<b>Total</b>	<b>642,163</b>	<b>726,945</b>	<b>7,719,088</b>	<b>732,985</b>	<b>653,337</b>	<b>622,196</b>	<b>603,137</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						
	August	July	June	May	April	March	February
Alabama	14,623	14,695	15,147	16,613	15,753	16,568	16,396
Alaska	261	307	363	261	183	237	243
Arizona	1,384	1,335	1,542	1,591	1,577	1,709	1,793
Arkansas	6,469	6,029	6,028	6,420	6,512	6,968	7,081
California	72,567	66,296	62,499	63,054	61,348	62,467	58,716
Colorado	5,298	5,168	5,034	6,193	6,680	7,599	7,760
Connecticut	1,766	1,718	1,633	1,747	1,958	2,083	2,566
Delaware	2,573	2,691	2,333	2,643	2,464	2,666	2,517
District of Columbia	0	0	0	0	0	0	0
Florida	8,409	8,293	7,650	8,617	9,093	9,148	8,667
Georgia	11,760	11,890	11,941	12,721	12,435	13,481	13,859
Hawaii	56	54	41	47	42	41	44
Idaho	2,253	2,525	2,137	2,463	2,494	3,186	3,335
Illinois	17,648	NA	NA	18,796	20,311	23,292	25,696
Indiana	27,950	29,030	29,040	31,227	31,464	33,813	34,110
Iowa	14,383	14,264	14,033	14,229	13,908	15,725	15,766
Kansas	11,262	10,236	8,637	8,540	8,657	9,567	9,884
Kentucky	8,590	8,181	8,249	9,181	9,458	10,363	10,922
Louisiana	86,726	87,948	84,591	87,285	85,108	87,558	81,450
Maine	1,530	1,511	NA	NA	NA	NA	NA
Maryland	1,183	1,196	1,042	1,179	1,239	1,519	1,428
Massachusetts	2,376	2,431	2,790	3,111	4,072	4,478	5,187
Michigan	11,525	10,796	11,431	12,111	14,685	16,587	18,218
Minnesota	12,027	12,140	11,660	12,443	13,275	15,479	15,288
Mississippi	9,565	9,583	9,833	9,766	9,641	9,093	10,101
Missouri	4,336	4,489	4,421	4,993	4,977	5,597	7,176
Montana	NA	NA	NA	1,723	NA	NA	1,918
Nebraska	8,856	8,163	6,885	6,557	6,363	6,496	6,311
Nevada	NA	NA	1,433	1,483	1,518	1,562	1,448
New Hampshire	551	558	NA	NA	NA	NA	NA
New Jersey	5,733	6,005	5,472	4,533	5,007	4,351	4,929
New Mexico	1,214	1,257	1,225	1,302	1,234	1,443	1,454
New York	5,897	5,510	5,441	5,215	7,067	7,901	8,332
North Carolina	8,381	7,751	7,678	8,450	8,646	9,211	10,069
North Dakota	2,040	2,197	2,773	2,800	2,094	2,668	2,278
Ohio	19,074	19,309	19,851	21,570	23,038	25,038	27,438
Oklahoma	15,640	15,809	15,702	17,335	16,366	16,456	15,430
Oregon	4,095	4,016	4,047	4,334	4,365	4,815	4,718
Pennsylvania	16,036	14,622	14,377	15,523	17,350	18,968	20,231
Rhode Island	662	605	652	691	728	760	799
South Carolina	6,820	6,691	6,927	7,360	7,376	7,449	7,198
South Dakota	3,660	3,400	3,385	3,479	3,644	3,785	3,932
Tennessee	9,598	9,264	9,467	9,340	9,521	10,126	11,145
Texas	NA	NA	130,406	130,670	128,883	139,966	133,542
Utah	2,735	2,822	3,036	3,073	3,569	3,376	3,600
Vermont	140	140	151	167	192	204	204
Virginia	7,461	7,398	7,196	7,382	7,181	7,482	7,185
Washington	5,965	6,014	5,732	5,760	6,305	6,605	6,792
West Virginia	2,706	2,832	2,530	2,205	2,306	2,677	2,718
Wisconsin	9,963	9,224	9,691	10,100	11,833	12,944	14,219
Wyoming	4,187	4,158	3,930	4,045	3,943	4,285	4,147
<b>Total</b>	<b>626,828</b>	<b>616,097</b>	<b>590,019</b>	<b>612,485</b>	<b>619,606</b>	<b>662,043</b>	<b>660,547</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
	January	Total	December	November	October	September	August
Alabama	18,481	186,954	15,730	15,157	15,350	14,954	15,369
Alaska	479	4,864	422	381	369	345	402
Arizona	2,031	20,402	2,029	1,882	1,604	1,446	1,487
Arkansas	7,925	85,287	7,301	7,201	6,903	6,342	6,455
California	64,102	777,104	66,909	63,511	64,415	65,899	71,454
Colorado	9,184	78,694	8,998	7,697	5,866	4,823	5,029
Connecticut	2,817	25,612	2,194	2,010	1,883	1,712	1,804
Delaware	2,821	33,126	3,040	2,682	2,590	2,448	2,636
District of Columbia	0	0	0	0	0	0	0
Florida	9,416	96,124	8,855	7,706	7,928	7,320	7,298
Georgia	14,377	157,936	13,423	13,324	13,742	12,274	12,720
Hawaii	47	442	36	36	43	37	41
Idaho	3,647	31,664	3,399	3,311	3,028	2,561	2,412
Illinois	27,930	265,900	24,502	23,724	20,369	18,722	18,717
Indiana	36,713	372,537	33,407	29,891	28,801	26,669	28,121
Iowa	16,930	178,772	15,802	15,136	15,213	13,428	13,991
Kansas	10,916	111,016	11,367	9,144	8,368	7,999	9,938
Kentucky	12,025	115,956	9,951	9,766	8,847	8,471	8,798
Louisiana	89,718	948,918	85,177	81,583	79,536	77,834	80,573
Maine	NA	20,972	1,526	1,510	1,670	1,590	1,555
Maryland	1,322	14,765	1,312	1,277	1,252	1,140	927
Massachusetts	5,478	44,554	4,043	4,042	3,051	2,574	2,215
Michigan	19,140	171,196	15,555	14,100	13,319	11,478	11,210
Minnesota	17,274	157,400	15,545	13,674	13,346	11,362	10,324
Mississippi	10,807	121,866	10,513	10,323	11,293	9,900	9,648
Missouri	6,914	65,691	6,158	5,560	4,912	4,551	4,399
Montana	2,136	21,152	2,102	1,939	1,812	1,654	1,901
Nebraska	6,998	85,604	7,161	7,848	7,320	6,508	7,106
Nevada	1,609	17,724	1,467	1,507	1,463	1,470	1,463
New Hampshire	826	8,386	743	709	619	605	566
New Jersey	6,294	55,368	4,211	4,575	4,156	4,079	4,039
New Mexico	1,547	17,937	1,571	1,613	1,476	1,345	1,434
New York	8,187	83,055	6,684	6,657	6,256	5,594	5,803
North Carolina	10,515	105,103	9,050	8,912	9,045	7,975	8,155
North Dakota	2,759	31,660	2,377	2,951	2,948	2,706	2,519
Ohio	29,952	276,004	23,373	22,474	20,128	18,521	19,080
Oklahoma	17,788	184,627	17,940	17,208	15,900	14,979	13,433
Oregon	5,404	54,931	5,261	4,834	4,377	4,087	4,163
Pennsylvania	20,816	241,287	20,844	19,346	19,056	17,342	17,482
Rhode Island	730	8,624	742	669	675	686	673
South Carolina	7,808	84,405	7,892	7,360	7,255	6,632	6,762
South Dakota	4,116	44,094	3,872	3,815	3,422	3,438	3,534
Tennessee	12,169	114,673	9,842	9,275	9,189	8,715	8,767
Texas	144,468	1,599,279	144,705	137,006	131,492	127,538	135,406
Utah	3,571	37,189	3,568	3,083	2,933	2,724	2,755
Vermont	220	2,040	188	178	188	150	153
Virginia	8,633	86,817	7,186	7,338	7,260	6,752	7,360
Washington	7,958	76,600	7,527	6,991	6,754	6,029	5,638
West Virginia	2,804	25,901	2,430	2,061	1,893	1,717	1,877
Wisconsin	15,970	136,709	12,901	12,329	10,777	9,133	9,153
Wyoming	4,416	47,667	4,626	4,196	3,906	3,644	3,765
<b>Total</b>	<b>719,808</b>	<b>7,534,589</b>	<b>675,456</b>	<b>639,499</b>	<b>613,999</b>	<b>579,903</b>	<b>600,508</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	15,841	14,675	15,522	14,200	15,980	16,318	17,857
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	69,807	62,545	63,541	63,109	62,086	57,365	66,464
Colorado	5,033	4,904	6,015	6,100	7,182	8,094	8,953
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	10,113	8,377	7,763	8,285	8,435	10,152	11,073
Kentucky	8,438	8,571	8,729	9,650	11,399	11,377	11,960
Louisiana	77,087	75,647	79,939	76,095	76,843	74,907	83,698
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	11,132	13,355	15,419	15,370	16,822
Mississippi	9,720	9,896	9,645	9,620	9,986	10,330	10,994
Missouri	4,742	4,629	4,657	5,116	6,733	7,055	7,179
Montana	1,391	1,500	1,613	1,612	1,729	1,796	2,105
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	5,278	5,363	5,775	7,332	9,508	9,426	9,378
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	12,256	12,777	15,918	15,178	15,925	15,213	17,901
Oregon	4,014	4,194	4,411	4,784	4,824	4,648	5,335
Pennsylvania	18,103	18,132	19,273	20,078	24,188	23,656	23,787
Rhode Island	650	666	701	848	760	826	728
South Carolina	6,658	6,661	6,852	7,080	7,602	6,083	7,567
South Dakota	3,499	3,571	3,524	3,706	3,722	3,967	4,025
Tennessee	8,573	8,800	8,581	9,194	10,716	11,509	11,512
Texas	133,141	129,478	134,316	129,221	132,504	124,812	139,660
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	5,375	5,703	6,000	6,193	6,880	6,255	7,253
West Virginia	1,787	1,948	1,905	2,282	2,716	2,713	2,572
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>592,628</b>	<b>575,588</b>	<b>603,928</b>	<b>609,100</b>	<b>663,251</b>	<b>661,083</b>	<b>719,645</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	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	172,414	193,182	191,672	33,358	30,762	29,599	30,229
Alaska	7,235	10,791	14,782	1,103	859	960	1,294
Arizona	82,903	111,900	86,551	27,445	18,958	14,145	7,550
Arkansas	53,754	67,266	58,557	11,929	<sup>R</sup> 11,709	10,484	9,547
California	232,459	286,490	341,928	49,459	35,019	27,565	32,709
Colorado	43,534	48,064	37,266	8,937	7,183	7,343	6,140
Connecticut	48,508	60,029	53,768	7,945	6,658	7,129	8,124
Delaware	17,876	22,997	21,405	3,951	4,209	2,306	3,394
District of Columbia	--	--	--	--	--	--	--
Florida	543,290	578,548	548,073	107,558	108,093	92,091	88,623
Georgia	169,772	187,064	164,590	33,621	29,897	24,055	26,609
Hawaii	--	--	--	--	--	--	--
Idaho	10,188	11,086	10,406	1,756	1,310	1,441	1,735
Illinois	43,373	61,820	34,384	9,923	<sup>R</sup> 8,306	4,653	8,467
Indiana	59,299	76,161	65,344	10,051	6,931	8,499	12,870
Iowa	9,229	9,964	7,270	2,111	1,595	1,667	1,417
Kansas	8,567	8,030	6,738	2,520	1,566	1,700	1,289
Kentucky	22,753	31,469	21,341	5,018	4,323	4,336	4,750
Louisiana	126,529	169,993	154,451	26,900	24,258	21,508	21,645
Maine	W	10,054	7,215	1,422	W	W	W
Maryland	21,248	18,968	15,349	4,593	3,395	3,772	4,687
Massachusetts	87,099	74,674	62,937	16,374	14,369	14,727	14,894
Michigan	91,615	119,296	81,053	17,294	15,628	13,406	18,453
Minnesota	23,595	33,960	21,811	4,432	3,538	3,334	4,257
Mississippi	154,569	177,497	162,394	29,405	29,297	24,478	28,521
Missouri	16,925	23,260	W	3,618	3,192	2,286	3,215
Montana	W	W	W	W	352	359	369
Nebraska	W	2,509	W	W	W	W	W
Nevada	88,053	101,169	91,906	19,276	14,558	11,948	12,922
New Hampshire	11,313	13,563	20,043	2,505	1,776	3,572	1,464
New Jersey	110,482	147,615	128,659	21,426	<sup>R</sup> 19,018	16,692	22,311
New Mexico	35,343	39,188	35,296	8,090	6,054	4,537	5,244
New York	188,558	214,187	212,640	38,452	29,629	26,293	34,603
North Carolina	131,349	146,097	130,652	23,697	21,506	18,053	24,324
North Dakota	W	W	W	W	W	517	538
Ohio	86,368	102,279	105,542	16,063	14,985	11,330	15,458
Oklahoma	94,520	129,763	116,422	24,071	17,865	16,318	12,121
Oregon	29,610	41,309	44,869	3,502	2,289	2,696	3,648
Pennsylvania	186,912	221,572	194,260	37,926	27,869	25,348	32,350
Rhode Island	20,687	22,170	21,386	4,142	3,614	3,378	3,346
South Carolina	61,426	56,742	56,532	11,525	12,569	11,110	9,774
South Dakota	W	3,591	W	W	W	W	W
Tennessee	34,043	40,235	33,912	6,592	3,286	6,053	8,415
Texas	612,000	749,187	763,604	142,230	<sup>R</sup> 111,204	98,684	94,308
Utah	17,959	29,694	24,655	3,624	2,458	2,166	2,239
Vermont	7	3	16	1	2	*	2
Virginia	150,113	130,453	114,624	33,966	23,632	19,876	26,635
Washington	34,170	35,540	32,217	4,632	4,131	5,248	5,404
West Virginia	W	5,584	4,692	946	<sup>R</sup> 533	279	W
Wisconsin	40,868	64,731	47,075	8,499	5,955	5,929	8,181
Wyoming	W	W	W	W	W	W	W
<b>Total</b>	<b>4,001,680</b>	<b>4,698,208</b>	<b>4,374,619</b>	<b>834,144</b>	<b><sup>R</sup>697,129</b>	<b>613,895</b>	<b>667,123</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			2016			
	February	January	Total	December	November	October	September
Alabama	22,970	25,496	415,162	30,859	30,500	31,962	40,587
Alaska	976	2,044	22,236	1,753	1,763	1,732	1,952
Arizona	5,346	9,459	255,593	9,577	12,145	20,806	28,593
Arkansas	6,362	3,723	136,368	7,172	10,868	9,109	9,207
California	36,916	50,791	671,152	52,512	51,615	62,951	64,501
Colorado	5,661	8,269	95,419	7,245	5,669	5,848	6,793
Connecticut	8,279	10,373	122,240	9,470	9,797	9,514	9,817
Delaware	2,097	1,919	53,926	2,262	3,572	5,346	5,237
District of Columbia	--	--	--	--	--	--	--
Florida	71,285	75,640	1,180,649	76,560	76,861	96,936	108,803
Georgia	27,229	28,361	379,202	25,859	23,972	26,061	31,785
Hawaii	--	--	--	--	--	--	--
Idaho	1,536	2,410	23,971	1,766	834	1,366	2,671
Illinois	6,213	5,811	146,175	8,363	8,308	11,710	12,872
Indiana	9,760	11,188	158,414	13,562	13,587	11,299	11,936
Iowa	906	1,533	20,233	713	575	942	1,249
Kansas	600	891	20,324	931	1,262	1,356	2,735
Kentucky	1,869	2,457	66,907	5,420	4,211	4,730	5,454
Louisiana	16,448	15,770	330,642	18,790	19,777	22,889	28,503
Maine	W	W	22,408	815	1,122	1,770	1,834
Maryland	2,716	2,084	49,059	822	570	3,308	5,414
Massachusetts	12,824	13,910	160,044	10,717	8,180	9,495	14,211
Michigan	11,625	15,208	243,612	15,356	16,947	16,857	17,992
Minnesota	3,078	4,957	65,606	2,906	3,268	3,282	3,332
Mississippi	18,076	24,792	367,456	27,475	21,372	27,273	36,326
Missouri	2,085	2,529	51,135	3,601	2,189	3,153	4,845
Montana	302	418	7,306	W	W	W	618
Nebraska	W	W	6,358	196	674	469	291
Nevada	13,168	16,181	209,610	15,951	15,667	15,257	17,112
New Hampshire	893	1,104	33,841	2,200	3,078	2,362	3,909
New Jersey	14,037	16,998	327,628	21,684	19,960	27,481	30,078
New Mexico	4,969	6,449	82,929	6,174	5,270	7,211	7,250
New York	27,617	31,964	477,867	33,326	28,853	32,503	45,082
North Carolina	21,817	21,952	293,669	21,708	23,813	18,622	24,204
North Dakota	504	671	9,347	W	607	691	828
Ohio	13,768	14,763	211,732	15,615	15,568	14,289	18,191
Oklahoma	10,375	13,769	274,388	16,442	20,889	18,559	25,575
Oregon	6,185	11,290	107,069	12,339	7,788	7,767	13,139
Pennsylvania	30,087	33,332	500,656	38,553	38,967	39,512	47,277
Rhode Island	2,964	3,244	46,974	2,844	2,903	2,968	4,439
South Carolina	8,753	7,695	133,130	7,370	13,620	10,992	13,848
South Dakota	321	552	7,574	272	512	473	556
Tennessee	4,911	4,785	87,680	7,931	3,688	6,423	8,879
Texas	77,504	88,069	1,538,663	90,872	96,452	111,658	144,557
Utah	2,636	4,836	58,008	4,215	3,313	4,019	4,423
Vermont	1	2	14	2	2	2	3
Virginia	22,805	23,199	292,826	20,812	20,785	18,007	27,967
Washington	5,229	9,526	85,403	7,455	4,674	5,017	10,717
West Virginia	W	W	10,311	164	386	1,662	1,150
Wisconsin	5,385	6,919	120,764	6,991	6,628	5,218	8,027
Wyoming	W	114	1,844	W	W	W	W
<b>Total</b>	<b>550,276</b>	<b>639,113</b>	<b>9,983,526</b>	<b>668,757</b>	<b>663,538</b>	<b>741,360</b>	<b>914,908</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						
	August	July	June	May	April	March	February
Alabama	43,505	44,566	39,282	33,335	26,636	30,764	29,216
Alaska	2,200	2,044	1,756	1,755	1,645	1,745	1,810
Arizona	36,059	36,512	31,063	20,260	18,623	14,134	12,550
Arkansas	16,405	16,341	17,250	12,184	10,509	12,760	5,899
California	79,709	73,374	63,255	40,618	37,567	37,493	47,121
Colorado	10,126	11,675	10,289	7,741	8,614	7,331	6,294
Connecticut	12,137	11,476	9,275	10,263	11,348	8,938	9,698
Delaware	7,089	7,425	6,001	3,953	4,602	3,856	2,385
District of Columbia	--	--	--	--	--	--	--
Florida	120,587	122,353	114,263	106,961	100,187	90,908	79,470
Georgia	41,363	43,098	39,628	33,268	30,528	29,405	25,637
Hawaii	--	--	--	--	--	--	--
Idaho	3,698	2,549	2,006	1,407	628	1,760	2,412
Illinois	20,063	23,039	13,253	9,676	9,615	12,110	8,898
Indiana	16,077	15,793	13,958	13,693	9,428	13,879	11,811
Iowa	3,628	3,162	2,131	2,456	801	1,453	1,485
Kansas	2,847	3,163	3,117	1,685	1,104	947	510
Kentucky	7,597	8,026	6,732	4,992	4,493	6,026	3,711
Louisiana	31,968	38,721	33,611	30,795	25,600	27,286	24,777
Maine	3,562	3,252	1,770	1,920	1,409	607	1,896
Maryland	10,307	9,671	3,730	3,879	3,569	4,203	2,295
Massachusetts	21,417	21,351	17,569	15,482	11,546	10,627	9,811
Michigan	31,130	26,034	21,500	22,478	23,125	18,916	16,885
Minnesota	10,302	8,556	6,111	6,207	5,853	5,173	5,230
Mississippi	37,854	39,659	36,139	31,831	22,528	26,509	29,688
Missouri	6,815	7,273	6,992	4,019	4,780	2,543	2,547
Montana	1,051	885	670	W	W	553	578
Nebraska	1,119	1,100	1,389	318	463	150	101
Nevada	21,887	22,567	21,319	17,106	14,939	15,241	14,624
New Hampshire	4,582	4,147	2,854	3,009	3,609	749	1,145
New Jersey	41,217	39,592	30,423	24,014	23,970	24,419	21,012
New Mexico	8,608	9,227	7,704	6,387	6,358	6,092	5,806
New York	64,329	59,588	44,619	39,743	33,273	32,185	30,295
North Carolina	30,092	29,132	23,889	21,936	23,986	28,153	24,825
North Dakota	1,315	1,155	898	688	W	664	726
Ohio	23,086	22,704	17,398	11,353	16,437	18,110	19,207
Oklahoma	29,527	33,632	31,430	22,843	20,250	17,666	16,020
Oregon	14,263	10,464	7,950	3,346	3,089	7,255	9,330
Pennsylvania	57,598	57,177	47,121	35,691	33,444	36,647	33,433
Rhode Island	5,686	5,963	4,761	5,004	2,937	4,496	2,530
South Carolina	14,771	15,788	12,229	10,143	6,915	9,925	7,877
South Dakota	1,139	1,031	745	605	687	528	570
Tennessee	10,415	10,109	9,257	6,235	5,147	6,915	6,325
Texas	174,935	171,002	151,685	132,544	117,577	119,869	105,021
Utah	6,023	6,322	6,069	5,071	5,259	4,411	4,107
Vermont	3	1	--	2	*	1	--
Virginia	38,099	36,703	29,100	21,704	13,489	20,289	22,753
Washington	12,266	9,735	6,145	5,028	2,787	4,468	7,351
West Virginia	686	680	1,309	1,666	1,100	1,074	226
Wisconsin	15,103	14,065	11,524	9,688	9,693	13,267	10,324
Wyoming	W	W	W	W	W	W	W
<b>Total</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>	<b>686,335</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
	January	Total	December	November	October	September	August
Alabama	33,949	397,961	33,249	31,034	31,534	33,356	37,742
Alaska	2,080	27,722	2,336	2,164	2,096	1,863	2,116
Arizona	15,271	249,477	17,515	17,672	24,561	31,091	38,244
Arkansas	8,663	108,755	6,754	5,434	4,130	8,552	12,523
California	60,436	816,787	63,111	59,484	84,917	89,295	91,733
Colorado	7,795	92,757	8,346	9,658	8,172	9,582	10,114
Connecticut	10,507	119,305	11,119	9,814	10,291	10,504	12,188
Delaware	2,200	44,725	2,190	2,330	3,068	4,903	5,119
District of Columbia	--	--	--	--	--	--	--
Florida	86,759	1,160,140	89,587	91,782	100,028	105,993	113,372
Georgia	28,597	354,090	25,887	27,527	29,598	30,621	35,927
Hawaii	--	--	--	--	--	--	--
Idaho	2,873	27,790	2,840	2,240	2,500	2,930	3,645
Illinois	8,269	83,570	7,753	7,008	6,560	8,788	7,957
Indiana	13,392	127,365	13,305	11,439	8,711	7,942	10,138
Iowa	1,639	17,518	1,623	530	918	1,750	2,364
Kansas	667	16,614	804	W	W	1,662	2,353
Kentucky	5,514	52,015	3,312	5,312	6,074	4,867	4,798
Louisiana	27,924	342,742	31,279	29,353	29,252	27,504	33,927
Maine	2,451	17,447	1,427	1,813	2,483	1,538	1,839
Maryland	1,292	39,632	2,457	3,188	2,959	4,162	4,947
Massachusetts	9,641	156,492	9,618	8,375	13,391	16,586	23,001
Michigan	16,392	174,770	16,664	14,519	15,441	14,817	14,732
Minnesota	5,386	54,054	5,725	3,113	3,400	6,416	6,314
Mississippi	30,803	331,496	25,574	25,741	23,923	26,810	32,206
Missouri	2,379	40,109	2,899	2,409	1,850	3,641	5,682
Montana	636	7,847	777	666	714	770	803
Nebraska	87	4,634	137	160	W	505	890
Nevada	17,941	207,145	18,135	15,282	18,088	20,109	22,904
New Hampshire	2,196	42,673	2,706	3,795	3,375	3,922	4,622
New Jersey	23,777	290,843	23,354	24,504	24,677	29,675	29,355
New Mexico	6,840	77,947	6,933	5,581	6,330	6,895	8,798
New York	34,071	475,658	31,355	33,652	39,937	49,022	54,763
North Carolina	23,308	268,925	22,474	22,200	19,195	23,579	24,881
North Dakota	729	3,671	W	W	W	433	492
Ohio	19,773	210,460	17,199	15,918	13,838	17,928	19,618
Oklahoma	21,555	254,706	23,024	20,482	16,289	20,143	27,950
Oregon	10,340	113,988	11,609	11,382	10,746	11,754	11,616
Pennsylvania	35,235	439,248	35,621	36,071	38,145	39,738	47,480
Rhode Island	2,442	50,110	3,081	4,334	3,864	3,507	7,037
South Carolina	9,654	135,239	11,601	13,955	12,777	11,768	13,664
South Dakota	455	7,083	656	521	396	519	943
Tennessee	6,355	69,830	6,156	5,458	4,574	6,133	6,002
Texas	122,491	1,646,330	123,103	110,207	131,222	151,139	185,654
Utah	4,778	55,797	5,002	4,575	4,387	5,171	6,238
Vermont	*	19	1	1	*	1	*
Virginia	23,118	243,116	22,839	16,558	11,752	22,109	26,163
Washington	9,761	97,300	9,481	10,383	11,239	10,914	10,802
West Virginia	208	13,277	522	765	1,541	1,742	1,873
Wisconsin	10,235	101,211	9,879	7,700	7,455	9,104	8,982
Wyoming	W	706	W	W	W	W	W
<b>Total</b>	<b>770,962</b>	<b>9,671,095</b>	<b>771,355</b>	<b>737,310</b>	<b>797,631</b>	<b>901,839</b>	<b>1,034,595</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	39,373	36,860	32,480	24,780	30,436	31,501	35,616
Alaska	2,365	2,311	1,781	2,907	2,470	2,367	2,945
Arizona	33,842	30,537	13,238	13,368	9,409	8,635	11,365
Arkansas	12,805	9,865	7,343	8,745	10,498	12,257	9,850
California	86,319	74,951	51,799	52,877	53,804	46,614	61,882
Colorado	9,620	8,089	5,015	5,970	6,214	5,508	6,471
Connecticut	11,619	9,406	8,748	8,839	8,474	7,570	10,731
Delaware	5,710	4,509	4,886	5,269	2,110	1,594	3,037
District of Columbia	--	--	--	--	--	--	--
Florida	111,305	105,902	101,485	98,620	86,390	74,272	81,404
Georgia	39,940	33,576	27,974	22,117	25,712	25,962	29,248
Hawaii	--	--	--	--	--	--	--
Idaho	3,230	3,481	2,082	1,276	857	438	2,272
Illinois	11,120	7,075	4,727	5,221	5,789	5,612	5,960
Indiana	10,486	9,343	9,238	9,110	12,997	13,294	11,362
Iowa	3,063	1,746	875	728	1,257	1,309	1,354
Kansas	3,425	1,970	1,189	1,027	1,124	947	483
Kentucky	6,310	3,656	3,415	3,307	3,123	5,559	2,282
Louisiana	36,977	33,989	27,800	24,960	23,525	22,235	21,942
Maine	1,132	573	745	947	1,787	1,294	1,871
Maryland	6,571	4,315	4,383	2,652	1,497	1,389	1,114
Massachusetts	22,583	14,822	15,056	11,249	7,951	6,635	7,223
Michigan	17,544	14,362	12,526	10,626	14,651	14,668	14,221
Minnesota	7,274	4,664	2,150	4,395	4,687	3,496	2,419
Mississippi	34,848	32,210	26,239	20,086	26,796	30,519	26,543
Missouri	6,523	4,316	1,856	2,444	W	2,992	2,715
Montana	918	705	482	498	535	W	557
Nebraska	1,257	686	201	242	164	W	185
Nevada	20,722	21,244	15,320	15,970	13,336	13,116	12,919
New Hampshire	4,211	3,618	3,865	3,308	3,393	2,236	3,622
New Jersey	30,618	24,861	24,474	18,160	22,976	18,435	19,752
New Mexico	8,114	6,787	4,441	5,744	6,183	5,514	6,628
New York	54,290	40,290	38,846	29,269	39,410	29,469	35,355
North Carolina	25,946	26,406	23,825	19,201	19,153	20,073	21,994
North Dakota	497	W	W	W	W	W	W
Ohio	20,417	18,226	15,180	13,132	19,948	19,594	19,461
Oklahoma	30,396	22,126	17,107	16,903	18,885	20,710	20,692
Oregon	12,013	10,573	8,295	8,202	6,047	3,597	8,155
Pennsylvania	47,934	38,101	31,222	31,691	34,488	26,179	32,578
Rhode Island	6,902	6,135	5,728	2,475	3,176	1,716	2,157
South Carolina	14,943	14,514	9,903	9,540	8,308	7,075	7,192
South Dakota	1,216	769	572	332	W	495	516
Tennessee	7,594	7,026	6,508	4,485	4,226	6,914	4,753
Texas	181,401	147,288	124,315	118,966	128,933	115,697	128,404
Utah	5,768	5,443	4,572	3,905	3,298	3,411	4,026
Vermont	*	1	6	*	1	2	5
Virginia	29,071	26,215	22,115	12,719	18,261	17,633	17,681
Washington	12,265	9,569	6,016	4,616	4,762	2,245	5,010
West Virginia	2,142	1,614	1,213	806	362	436	260
Wisconsin	11,015	8,205	7,133	6,523	8,768	8,652	7,795
Wyoming	W	W	W	W	W	W	W
<b>Total</b>	<b>1,053,747</b>	<b>893,343</b>	<b>738,628</b>	<b>668,471</b>	<b>709,358</b>	<b>650,586</b>	<b>714,235</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>R</sup> Revised data.

– Not applicable.

<sup>W</sup> Withheld.

\* Volume is less than 500,000 cubic feet.

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

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

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

(million cubic feet)

State	2017	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	NA	325,060	325,684	NA	NA	NA	52,906
Alaska	30,024	29,717	37,416	2,629	3,067	3,982	6,472
Arizona	NA	163,367	134,805	32,301	24,832	20,864	16,204
Arkansas	NA	148,835	155,051	21,747	NA	21,276	23,810
California	NA	1,011,439	1,053,517	146,538	141,868	135,817	157,123
Colorado	185,852	196,915	179,370	18,948	23,162	27,329	31,022
Connecticut	122,835	131,551	138,471	13,394	13,465	16,456	25,893
Delaware	NA	52,007	54,232	7,140	7,589	NA	9,106
District of Columbia	NA	16,876	20,550	1,167	1,489	1,648	3,399
Florida	634,962	673,614	640,361	120,617	R122,288	106,928	105,105
Georgia	331,918	368,178	357,136	52,896	50,142	44,678	59,047
Hawaii	NA	1,493	1,493	NA	248	255	272
Idaho	55,753	50,483	46,462	5,522	6,109	7,591	9,303
Illinois	513,553	NA	583,912	43,902	R57,229	61,335	109,986
Indiana	356,467	393,120	405,819	41,164	43,709	49,618	73,088
Iowa	184,616	166,517	171,603	22,797	24,533	27,228	35,484
Kansas	113,610	115,723	115,149	14,583	13,408	16,126	20,384
Kentucky	122,402	140,879	141,388	15,429	R16,103	17,125	24,827
Louisiana	NA	722,678	662,670	NA	116,560	112,878	117,010
Maine	22,641	NA	26,968	2,962	2,954	3,381	4,657
Maryland	111,695	115,462	126,845	10,598	11,714	12,392	26,338
Massachusetts	246,326	228,081	247,957	26,257	R29,034	R34,682	R55,667
Michigan	454,385	495,630	502,789	40,494	51,149	57,349	102,444
Minnesota	240,365	250,381	240,440	23,175	26,334	32,938	48,357
Mississippi	237,881	NA	250,781	41,067	42,007	R36,837	43,671
Missouri	NA	147,156	158,548	12,137	R14,105	15,228	26,050
Montana	36,862	NA	34,949	2,972	3,457	4,970	6,750
Nebraska	84,443	77,881	84,095	9,201	10,747	12,101	15,552
Nevada	141,097	150,689	137,585	24,326	20,292	18,900	22,094
New Hampshire	25,778	NA	36,837	3,524	3,232	5,401	4,997
New Jersey	NA	406,023	442,424	NA	40,760	NA	NA
New Mexico	NA	80,667	77,014	11,335	10,087	NA	NA
New York	677,378	695,774	779,490	73,005	R74,701	85,957	153,544
North Carolina	243,099	273,436	263,725	35,218	34,307	31,613	48,230
North Dakota	33,884	32,300	31,965	3,647	4,035	5,098	6,774
Ohio	461,353	503,184	579,472	45,246	53,380	56,126	99,941
Oklahoma	245,193	281,496	274,327	43,016	38,418	38,643	38,200
Oregon	105,929	103,920	106,762	10,331	10,755	13,597	17,179
Pennsylvania	517,805	556,362	592,239	64,438	R61,653	65,688	108,145
Rhode Island	NA	44,315	48,580	5,592	5,661	6,183	9,227
South Carolina	131,558	131,828	131,532	20,573	22,097	20,893	23,586
South Dakota	39,324	39,105	39,074	4,845	5,121	5,710	7,289
Tennessee	159,541	172,253	177,844	20,603	18,709	21,707	32,851
Texas	NA	NA	1,809,144	299,267	R264,264	251,473	265,896
Utah	97,488	108,603	94,700	10,630	10,473	13,640	14,579
Vermont	NA	NA	7,041	NA	686	864	1,582
Virginia	275,382	264,827	263,696	46,218	37,448	R35,555	53,756
Washington	161,006	142,629	135,300	15,235	17,687	23,237	29,136
West Virginia	44,976	48,827	51,029	5,066	5,215	5,719	9,794
Wisconsin	245,973	269,187	265,121	24,229	27,330	32,246	52,859
Wyoming	43,378	39,389	37,692	4,832	5,991	6,586	8,002
<b>Total</b>	<b>12,276,229</b>	<b>13,043,343</b>	<b>13,281,057</b>	<b>1,707,697</b>	<b>R1,701,305</b>	<b>R1,733,516</b>	<b>R2,311,892</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			2016			
	February	January	Total	December	November	October	September
Alabama	43,619	51,000	657,303	55,914	49,901	49,258	56,287
Alaska	5,812	8,062	60,244	7,467	6,557	5,385	4,082
Arizona	NA	22,454	343,385	20,288	18,949	26,102	33,314
Arkansas	21,156	23,446	288,700	26,948	23,620	19,371	18,578
California	170,805	NA	2,106,564	215,161	175,318	167,442	171,064
Colorado	34,511	50,880	353,314	48,034	29,688	20,757	17,089
Connecticut	24,268	29,358	246,701	27,640	21,659	16,623	15,057
Delaware	7,634	8,616	NA	8,753	NA	9,278	8,687
District of Columbia	NA	4,180	27,910	4,226	2,580	1,303	945
Florida	86,496	93,529	1,361,266	93,107	91,749	110,771	122,173
Georgia	57,526	67,628	702,401	66,916	51,691	46,436	49,191
Hawaii	258	291	3,043	263	253	250	264
Idaho	11,052	16,176	100,808	14,611	8,280	7,184	6,826
Illinois	100,895	140,205	NA	146,835	80,513	59,358	47,517
Indiana	65,027	83,862	729,893	90,565	59,710	44,629	44,115
Iowa	33,642	40,932	317,537	41,599	27,618	22,144	18,464
Kansas	19,879	29,231	222,692	30,489	17,770	13,190	13,061
Kentucky	21,245	27,673	262,674	32,047	21,229	16,771	15,634
Louisiana	104,051	NA	1,434,219	120,640	111,838	111,469	115,667
Maine	4,052	4,636	NA	4,054	3,479	4,077	3,713
Maryland	22,861	27,793	NA	NA	15,278	11,332	11,015
Massachusetts	46,990	53,695	420,697	50,370	33,129	25,385	23,440
Michigan	88,673	114,276	879,667	114,061	73,164	53,835	42,511
Minnesota	47,443	62,118	440,943	55,804	35,116	26,351	19,788
Mississippi	32,364	41,936	NA	44,377	34,286	37,342	46,592
Missouri	NA	39,296	NA	41,967	20,497	NA	13,253
Montana	7,985	10,729	NA	10,554	7,082	NA	NA
Nebraska	16,913	19,929	153,475	19,947	13,346	10,525	9,311
Nevada	24,438	31,047	NA	NA	22,726	20,892	NA
New Hampshire	3,946	4,679	NA	5,754	5,411	3,599	4,901
New Jersey	68,971	NA	768,264	88,622	55,717	50,275	47,803
New Mexico	12,949	18,078	157,692	17,744	13,198	11,353	10,648
New York	133,369	156,802	1,293,686	150,602	102,906	79,105	76,142
North Carolina	42,694	51,038	521,061	51,943	44,497	32,404	35,849
North Dakota	6,212	8,117	62,865	7,719	5,600	5,321	4,264
Ohio	91,084	115,576	899,290	113,891	77,396	54,902	47,406
Oklahoma	36,636	50,280	557,708	52,893	43,295	37,357	42,447
Oregon	21,656	32,412	226,798	31,279	18,846	17,048	19,511
Pennsylvania	99,578	118,303	1,082,675	122,572	94,415	74,697	71,389
Rhode Island	NA	9,000	84,118	8,604	6,423	5,182	5,796
South Carolina	21,020	23,389	272,222	23,544	26,486	20,423	22,445
South Dakota	7,106	9,253	74,430	8,903	6,342	5,157	4,683
Tennessee	29,326	36,346	325,351	41,691	23,825	20,575	21,445
Texas	NA	NA	NA	297,242	261,348	268,677	299,478
Utah	18,241	29,925	199,436	27,791	17,077	12,104	10,568
Vermont	1,400	1,614	NA	1,587	1,082	819	588
Virginia	47,554	54,852	526,788	50,183	42,281	31,822	39,911
Washington	31,854	43,856	292,561	40,019	24,006	21,532	22,220
West Virginia	8,592	10,590	89,981	10,939	8,144	7,053	5,358
Wisconsin	47,044	62,266	476,137	61,446	36,591	26,868	23,355
Wyoming	8,190	9,776	77,563	9,641	7,178	6,127	4,912
<b>Total</b>	<b>2,139,947</b>	<b>2,681,873</b>	<b>25,258,666</b>	<b>2,671,638</b>	<b>1,987,366</b>	<b>1,748,581</b>	<b>1,774,786</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						
	August	July	June	May	April	March	February
Alabama	59,879	61,004	56,493	52,226	45,585	51,989	54,364
Alaska	3,638	3,397	3,318	3,707	4,257	5,533	5,874
Arizona	40,449	40,916	36,028	25,972	25,247	21,868	23,678
Arkansas	25,978	25,370	26,475	22,346	21,580	26,559	23,250
California	189,906	176,235	164,171	146,108	145,566	161,492	172,051
Colorado	19,711	21,121	20,147	23,617	30,317	35,484	38,677
Connecticut	17,380	16,791	14,450	17,313	21,402	21,860	27,237
Delaware	10,410	10,827	9,101	7,766	8,823	8,771	8,440
District of Columbia	981	999	983	1,430	2,074	2,466	4,776
Florida	133,917	135,935	127,210	121,375	115,719	107,360	96,555
Georgia	59,172	60,816	57,546	53,234	52,837	57,089	67,585
Hawaii	264	255	240	243	256	248	247
Idaho	7,159	6,264	5,389	5,617	5,420	9,198	11,078
Illinois	53,068	NA	NA	54,757	75,944	97,925	127,574
Indiana	48,776	48,979	47,441	53,002	55,507	65,979	78,955
Iowa	20,861	20,333	18,925	21,026	22,823	28,782	34,429
Kansas	16,569	15,890	14,657	14,163	14,361	18,452	23,541
Kentucky	18,108	18,006	16,824	17,231	18,454	24,366	28,846
Louisiana	122,101	129,827	121,437	121,883	114,988	119,996	114,357
Maine	5,424	5,106	NA	NA	NA	NA	NA
Maryland	15,749	15,193	9,761	12,492	15,646	19,664	26,802
Massachusetts	30,203	30,090	26,938	29,865	34,421	39,445	46,939
Michigan	52,993	47,473	44,200	55,803	80,347	88,209	108,657
Minnesota	27,749	25,754	23,884	27,611	36,552	43,798	54,853
Mississippi	48,964	50,747	NA	43,626	NA	38,789	45,335
Missouri	15,112	15,665	15,487	14,738	18,145	22,356	33,852
Montana	NA	NA	NA	4,414	NA	NA	7,307
Nebraska	11,550	10,915	10,202	9,477	10,910	12,626	15,590
Nevada	NA	NA	26,088	22,788	21,360	23,087	25,038
New Hampshire	5,482	5,053	NA	NA	NA	NA	NA
New Jersey	59,913	59,911	50,622	48,734	58,979	68,583	82,039
New Mexico	11,701	12,382	11,183	10,541	11,400	13,166	15,153
New York	96,682	92,474	78,577	84,948	102,021	118,106	146,947
North Carolina	42,365	40,568	35,425	34,982	39,758	46,879	55,929
North Dakota	3,838	3,825	4,155	4,296	4,417	5,628	6,186
Ohio	51,975	50,536	46,353	50,174	73,089	85,084	114,448
Oklahoma	48,076	52,144	50,148	44,126	41,309	42,348	44,391
Oregon	19,664	16,529	14,136	10,499	11,420	19,367	21,953
Pennsylvania	82,582	80,657	71,743	68,263	79,252	92,430	114,634
Rhode Island	6,769	7,030	5,993	7,025	6,203	8,516	7,975
South Carolina	23,406	24,089	20,940	19,652	17,586	21,550	23,829
South Dakota	5,311	4,930	4,666	5,098	6,141	6,691	7,692
Tennessee	23,062	22,501	22,010	20,020	20,972	27,247	37,176
Texas	NA	NA	NA	281,584	271,540	291,489	287,939
Utah	11,175	12,116	11,664	13,165	16,067	17,998	22,060
Vermont	567	576	566	652	NA	1,101	1,459
Virginia	49,592	48,172	41,502	35,734	31,264	42,267	53,524
Washington	22,236	19,919	16,658	16,826	16,382	25,498	29,243
West Virginia	4,721	4,939	5,199	5,815	6,848	8,721	10,183
Wisconsin	30,213	28,478	26,941	29,338	39,801	49,645	57,375
Wyoming	5,234	5,082	4,802	5,766	6,095	7,065	7,291
<b>Total</b>	<b>2,027,464</b>	<b>2,005,487</b>	<b>1,826,900</b>	<b>1,789,486</b>	<b>1,908,792</b>	<b>2,166,499</b>	<b>2,462,722</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
	January	Total	December	November	October	September	August
Alabama	64,403	642,961	54,905	50,654	49,410	50,245	54,988
Alaska	7,029	69,642	7,912	6,892	5,288	4,451	3,768
Arizona	30,575	337,347	30,546	25,902	29,635	35,525	42,566
Arkansas	28,625	274,727	23,235	19,028	14,993	18,137	22,054
California	222,051	2,247,961	234,012	194,884	186,153	188,710	198,391
Colorado	48,673	348,183	49,108	40,211	22,665	19,007	18,985
Connecticut	29,289	248,366	22,980	19,695	17,358	15,681	17,414
Delaware	9,107	100,842	7,513	6,900	6,916	7,972	8,362
District of Columbia	5,148	31,502	3,143	2,631	1,872	1,147	1,108
Florida	105,395	1,334,385	105,479	105,863	113,989	118,347	125,914
Georgia	79,886	684,971	56,568	55,916	52,489	49,214	54,775
Hawaii	259	2,922	250	227	239	232	239
Idaho	13,782	99,811	13,907	11,409	7,662	6,873	7,042
Illinois	150,729	966,018	107,693	84,914	57,574	43,492	42,342
Indiana	92,236	710,564	71,835	59,417	47,975	39,803	42,445
Iowa	40,532	308,324	32,862	25,435	21,652	18,212	18,908
Kansas	30,549	216,014	25,014	18,027	13,375	12,842	15,507
Kentucky	35,157	252,877	22,855	22,310	18,353	15,435	15,694
Louisiana	130,017	1,357,572	123,012	115,968	112,509	108,810	117,522
Maine	NA	51,191	4,275	4,385	4,894	3,611	3,870
Maryland	31,097	207,716	18,805	16,625	12,834	9,828	10,463
Massachusetts	50,473	433,907	36,397	31,129	29,657	25,693	31,624
Michigan	118,415	826,917	85,543	70,111	54,392	37,523	37,227
Minnesota	63,683	422,112	51,546	35,699	27,050	22,875	22,081
Mississippi	49,951	496,388	40,342	39,644	37,359	38,613	43,495
Missouri	42,578	262,812	29,364	21,008	13,199	11,960	13,981
Montana	9,292	67,159	9,224	7,727	4,718	3,600	3,660
Nebraska	19,075	154,420	17,040	13,653	10,155	8,664	9,740
Nevada	32,328	292,860	31,083	24,211	23,070	24,570	27,370
New Hampshire	5,947	68,609	5,390	6,040	4,641	4,926	5,573
New Jersey	97,065	746,777	63,365	56,408	46,188	45,403	45,176
New Mexico	19,224	154,224	18,841	14,104	10,676	10,137	12,154
New York	165,176	1,326,168	111,673	99,041	86,215	79,161	85,884
North Carolina	60,463	493,801	42,774	42,625	35,105	35,545	36,713
North Dakota	7,617	58,201	6,170	5,478	4,432	3,657	3,529
Ohio	134,036	938,930	87,546	73,198	55,280	45,637	48,179
Oklahoma	59,174	541,224	55,974	47,190	36,076	38,004	44,220
Oregon	26,546	232,158	28,039	25,331	18,420	18,235	17,542
Pennsylvania	130,040	1,068,687	95,829	86,544	78,652	67,108	73,702
Rhode Island	8,602	90,891	6,915	7,674	6,249	4,840	8,375
South Carolina	28,273	270,601	24,390	25,792	22,864	20,308	22,307
South Dakota	8,816	73,362	8,090	6,624	4,860	4,497	5,007
Tennessee	44,827	305,092	28,917	24,198	18,784	18,247	17,841
Texas	332,495	3,639,217	315,333	272,469	280,076	294,187	335,841
Utah	27,650	187,605	27,899	20,811	10,851	10,250	11,742
Vermont	1,695	11,814	1,173	1,028	876	566	544
Virginia	60,537	484,734	44,396	36,526	27,460	34,375	37,663
Washington	38,022	296,358	37,216	34,685	25,461	22,122	20,118
West Virginia	12,061	86,593	7,416	6,876	6,220	4,954	4,941
Wisconsin	66,088	455,096	49,589	38,889	29,319	23,616	23,421
Wyoming	8,370	72,916	9,340	7,384	5,006	4,538	4,349
<b>Total</b>	<b>2,888,944</b>	<b>25,053,530</b>	<b>2,392,722</b>	<b>2,069,390</b>	<b>1,811,143</b>	<b>1,731,389</b>	<b>1,876,359</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	57,075	53,437	50,554	42,142	52,437	61,057	66,057
Alaska	3,915	3,850	4,209	6,324	7,352	7,022	8,659
Arizona	38,370	35,446	19,112	19,839	17,432	17,874	25,102
Arkansas	22,228	19,318	17,712	20,592	28,589	35,096	33,744
California	192,293	175,938	163,283	165,093	168,376	165,790	215,036
Colorado	18,838	18,092	21,914	24,475	31,756	37,147	45,986
Connecticut	16,767	14,710	15,290	20,133	27,483	28,851	32,004
Delaware	8,947	7,692	8,416	9,831	8,862	8,719	10,713
District of Columbia	1,051	1,150	1,257	1,949	4,306	5,602	6,285
Florida	124,432	119,224	115,263	113,144	101,972	91,489	99,269
Georgia	58,873	52,157	48,145	43,166	57,023	76,097	80,548
Hawaii	242	244	228	254	252	237	278
Idaho	6,456	7,059	6,443	6,583	6,971	7,480	11,926
Illinois	46,090	42,029	46,909	67,759	112,117	158,479	156,620
Indiana	43,269	41,485	45,278	51,908	77,530	95,657	93,962
Iowa	19,651	18,577	19,581	21,913	30,517	40,554	40,462
Kansas	16,099	12,782	12,215	13,388	19,942	27,342	29,481
Kentucky	16,842	14,254	14,566	17,009	25,949	36,526	33,084
Louisiana	117,081	112,740	111,422	104,903	107,129	108,232	118,244
Maine	3,189	2,680	2,947	3,956	5,781	5,330	6,273
Maryland	12,316	10,128	10,703	13,739	25,620	33,717	32,940
Massachusetts	31,449	24,430	26,713	33,166	48,863	57,377	57,408
Michigan	39,331	37,128	41,913	60,901	98,836	133,963	130,049
Minnesota	22,421	20,431	21,217	32,533	46,520	60,554	59,185
Mississippi	46,155	43,778	37,675	31,901	41,991	48,766	46,670
Missouri	14,752	12,603	11,404	18,106	33,925	42,379	40,131
Montana	3,282	3,185	3,979	4,952	6,256	7,389	9,188
Nebraska	11,073	9,402	9,805	10,966	13,910	19,668	20,344
Nevada	24,970	26,056	20,870	22,395	21,001	21,764	25,499
New Hampshire	5,203	4,694	5,020	5,348	6,982	6,674	8,119
New Jersey	47,812	41,731	44,949	59,327	92,127	102,840	101,451
New Mexico	11,297	10,533	8,933	10,762	13,356	15,127	18,302
New York	84,705	72,085	78,894	95,756	165,819	181,039	185,897
North Carolina	37,315	38,201	35,765	33,993	41,817	56,931	57,019
North Dakota	2,971	3,307	4,064	4,298	5,925	7,170	7,202
Ohio	49,618	48,997	51,954	71,113	120,132	144,972	142,304
Oklahoma	45,431	37,815	36,946	37,119	46,576	56,199	59,672
Oregon	17,829	16,730	15,976	18,469	16,821	15,236	23,530
Pennsylvania	74,612	66,802	63,923	79,513	117,862	131,484	132,655
Rhode Island	8,259	7,616	7,400	5,628	9,189	9,181	9,567
South Carolina	23,409	22,960	18,946	19,258	21,226	23,878	25,264
South Dakota	5,209	4,942	5,102	5,493	6,329	8,394	8,814
Tennessee	19,261	19,189	19,168	19,714	29,720	47,266	42,787
Texas	332,168	294,230	276,196	272,306	316,962	299,718	349,733
Utah	11,351	11,805	12,967	14,563	14,589	17,343	23,432
Vermont	587	569	500	895	1,493	1,748	1,836
Virginia	40,618	37,847	34,819	29,214	47,088	58,044	56,684
Washington	21,456	19,639	18,108	21,000	23,696	21,931	30,926
West Virginia	5,157	4,777	4,894	6,427	10,765	12,588	11,578
Wisconsin	25,140	22,377	24,878	33,060	50,438	68,283	66,086
Wyoming	4,606	4,767	5,383	5,822	6,510	6,824	8,387
<b>Total</b>	<b>1,891,471</b>	<b>1,731,619</b>	<b>1,683,806</b>	<b>1,832,097</b>	<b>2,394,119</b>	<b>2,733,026</b>	<b>2,906,390</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	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	3.93	3.12	4.03	3.96	3.92	3.65	3.58
Alaska	NA	6.60	6.82	5.69	6.02	6.96	7.42
Arizona	4.40	3.82	4.61	4.14	3.75	3.98	4.95
Arkansas	4.68	4.01	4.73	6.85	5.73	5.83	4.35
California	3.53	2.52	3.30	3.55	3.38	3.31	3.15
Colorado	3.88	3.21	4.20	4.68	3.98	3.66	3.65
Connecticut	4.53	3.41	4.16	6.58	5.85	4.97	3.53
Delaware	NA	4.56	5.50	9.94	7.65	NA	4.26
District of Columbia	--	--	--	--	--	--	--
Florida	NA	3.68	5.16	NA	NA	NA	NA
Georgia	4.28	3.30	3.84	4.28	4.22	4.29	3.72
Hawaii	16.09	13.66	19.52	15.06	16.46	16.05	17.38
Idaho	3.12	NA	4.29	3.29	3.04	2.71	3.31
Illinois	NA	NA	3.90	NA	3.48	4.15	4.06
Indiana	3.92	3.33	4.14	4.87	4.28	4.25	3.72
Iowa	NA	3.65	4.47	4.34	NA	NA	4.08
Kansas	4.44	3.71	4.67	6.24	5.86	4.91	3.99
Kentucky	NA	3.18	4.18	3.73	NA	4.46	NA
Louisiana	3.41	3.32	3.58	2.94	3.08	3.12	3.31
Maine	6.42	6.92	9.83	5.46	5.00	5.36	5.53
Maryland	NA	3.81	4.95	NA	6.23	6.06	4.05
Massachusetts	4.89	4.08	5.84	9.04	6.38	5.46	4.06
Michigan	3.67	3.60	4.40	3.35	3.43	3.78	3.48
Minnesota	4.05	3.46	4.65	4.49	3.80	3.51	3.77
Mississippi	4.44	NA	4.21	4.78	4.59	3.97	3.88
Missouri	4.57	3.79	4.64	7.15	5.86	5.15	4.07
Montana	3.39	3.00	4.18	3.30	3.61	3.47	3.54
Nebraska	NA	3.66	4.63	NA	NA	NA	NA
Nevada	4.33	3.37	4.42	4.52	4.13	4.40	4.01
New Hampshire	NA	5.51	8.61	NA	5.50	4.64	4.37
New Jersey	4.44	3.89	5.04	4.73	4.56	4.26	4.32
New Mexico	NA	2.68	3.58	3.61	3.43	3.31	NA
New York	4.02	3.08	3.95	7.27	5.61	4.16	3.37
North Carolina	4.03	3.10	3.94	5.87	5.28	4.91	3.36
North Dakota	4.31	3.53	4.64	4.35	3.99	4.11	3.88
Ohio	NA	3.25	4.66	NA	NA	NA	NA
Oklahoma	4.52	3.70	4.62	5.90	5.44	4.64	4.22
Oregon	3.80	3.99	4.86	5.29	4.56	3.90	3.59
Pennsylvania	4.38	3.43	4.35	6.94	5.41	5.12	4.06
Rhode Island	2.21	2.20	3.49	2.41	2.36	2.30	2.20
South Carolina	NA	3.33	4.11	4.23	4.27	4.49	3.96
South Dakota	4.15	3.28	4.13	4.60	3.77	3.90	3.79
Tennessee	4.16	3.13	4.25	4.28	4.18	4.36	3.91
Texas	4.87	3.60	4.30	4.28	4.59	4.43	4.85
Utah	NA	5.47	6.17	NA	4.79	4.78	5.94
Vermont	NA	5.58	6.83	4.74	4.69	5.26	4.98
Virginia	NA	3.68	4.86	NA	NA	5.59	3.98
Washington	NA	NA	4.81	4.43	4.26	3.64	3.04
West Virginia	3.82	3.31	4.04	6.40	4.87	4.26	3.32
Wisconsin	4.27	3.69	4.83	5.26	4.24	4.08	3.82
Wyoming	NA	3.41	4.77	3.79	NA	3.71	3.88
<b>Total</b>	<b>4.16</b>	<b>3.46</b>	<b>4.40</b>	<b>4.76</b>	<b>4.38</b>	<b>4.18</b>	<b>3.86</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			
	February	January	Total	December	November	October	September
Alabama	4.23	4.13	3.44	3.78	3.85	4.20	3.89
Alaska	7.54	NA	6.75	7.29	6.82	7.10	6.32
Arizona	4.71	4.37	4.07	4.74	4.91	4.09	3.92
Arkansas	4.37	4.17	4.29	3.83	4.37	6.02	5.69
California	3.59	3.87	2.96	3.64	3.30	3.51	3.56
Colorado	3.91	3.92	3.56	3.61	3.88	4.73	5.27
Connecticut	4.45	4.45	3.57	3.90	3.31	3.13	4.29
Delaware	4.62	4.34	4.91	4.28	4.17	6.15	8.20
District of Columbia	--	--	--	--	--	--	--
Florida	NA	NA	NA	NA	NA	NA	4.13
Georgia	4.43	4.69	3.67	4.08	4.09	4.34	4.24
Hawaii	16.20	15.34	13.81	14.75	12.93	15.07	14.06
Idaho	3.14	3.17	NA	3.16	3.29	3.18	3.29
Illinois	3.56	3.95	NA	3.63	3.38	4.25	5.19
Indiana	3.89	3.81	3.60	3.81	3.60	4.24	4.77
Iowa	4.16	4.55	NA	4.07	4.16	4.34	4.76
Kansas	4.08	4.22	4.08	3.74	4.40	6.60	6.84
Kentucky	4.19	NA	3.35	3.77	3.53	3.63	3.45
Louisiana	3.66	3.91	NA	NA	4.23	3.98	4.07
Maine	7.58	7.36	6.41	6.22	6.25	4.24	5.33
Maryland	4.69	4.43	NA	3.96	4.20	5.42	NA
Massachusetts	4.53	4.66	4.49	4.61	4.16	5.36	8.26
Michigan	3.71	3.84	NA	3.54	3.65	3.53	NA
Minnesota	4.23	4.30	3.71	4.05	4.17	3.71	4.38
Mississippi	4.20	5.02	NA	4.77	4.14	4.17	3.90
Missouri	4.37	4.21	4.22	3.96	4.31	6.21	6.64
Montana	3.56	3.14	3.04	2.87	3.17	3.33	3.45
Nebraska	NA	4.36	NA	3.67	3.99	NA	3.65
Nevada	4.34	4.46	NA	NA	3.70	4.10	4.45
New Hampshire	NA	NA	NA	5.32	4.60	3.80	5.34
New Jersey	4.48	4.52	3.93	4.14	3.94	3.75	4.02
New Mexico	3.83	3.93	NA	NA	3.22	3.62	3.47
New York	3.64	3.85	3.57	3.85	3.40	3.57	6.47
North Carolina	3.72	3.87	3.44	3.72	3.33	4.43	4.76
North Dakota	4.53	4.58	3.88	4.10	4.64	4.51	4.52
Ohio	4.41	4.02	3.27	3.62	3.43	3.09	2.38
Oklahoma	4.26	4.46	3.98	4.04	4.00	5.03	5.29
Oregon	3.59	3.59	4.15	3.77	4.03	4.40	5.96
Pennsylvania	4.20	4.08	3.73	3.72	4.13	3.98	5.92
Rhode Island	2.18	2.12	2.12	1.99	1.96	1.96	2.01
South Carolina	4.40	NA	3.64	4.44	3.66	4.01	3.94
South Dakota	4.38	4.35	3.65	3.92	4.25	4.20	4.73
Tennessee	4.16	4.24	3.42	3.73	3.90	4.26	3.99
Texas	5.14	5.28	4.09	5.36	5.10	4.93	4.16
Utah	5.97	5.37	5.15	5.35	5.00	4.82	3.86
Vermont	5.69	NA	5.13	5.11	4.74	4.08	4.21
Virginia	4.07	3.90	4.00	3.74	3.87	5.37	6.50
Washington	3.47	NA	NA	3.58	4.14	NA	NA
West Virginia	3.68	3.63	3.47	3.30	3.45	3.73	5.14
Wisconsin	4.39	4.46	3.91	3.88	4.24	4.36	5.18
Wyoming	4.23	4.27	3.53	4.00	3.48	3.76	3.46
<b>Total</b>	<b>4.11</b>	<b>4.21</b>	<b>3.73</b>	<b>3.96</b>	<b>3.90</b>	<b>4.19</b>	<b>4.61</b>

See footnotes at end of table.

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

State	2016						
	August	July	June	May	April	March	February
Alabama	3.89	3.89	3.34	2.99	2.90	3.00	3.18
Alaska	6.19	6.12	6.03	6.21	6.37	6.45	6.85
Arizona	3.86	4.05	3.31	2.77	3.03	4.85	4.60
Arkansas	6.22	6.68	6.16	4.79	4.60	4.53	3.76
California	3.29	3.34	2.52	2.49	2.25	2.30	2.65
Colorado	4.81	5.16	4.22	3.25	2.78	3.43	3.23
Connecticut	4.20	4.69	4.58	3.85	3.20	3.09	3.45
Delaware	8.50	8.77	8.53	6.24	5.03	4.70	3.84
District of Columbia	--	--	--	--	--	--	--
Florida	3.87	3.69	3.46	3.50	3.37	3.83	3.95
Georgia	4.01	4.32	3.44	3.37	3.19	3.21	3.25
Hawaii	13.33	13.54	17.26	16.20	14.19	13.19	10.52
Idaho	2.69	NA	NA	3.22	2.79	3.67	3.47
Illinois	4.66	4.25	NA	3.10	3.39	3.33	2.79
Indiana	4.89	5.21	4.35	3.25	2.91	3.45	3.25
Iowa	NA	4.64	4.16	3.43	3.41	3.83	3.62
Kansas	5.55	5.33	5.64	4.57	4.41	3.56	3.41
Kentucky	3.26	3.47	2.85	2.93	2.97	3.26	3.26
Louisiana	3.85	4.00	3.16	2.99	3.03	3.32	3.49
Maine	4.67	5.29	5.37	3.81	3.58	7.53	8.85
Maryland	NA	8.80	7.14	4.57	3.89	4.34	3.52
Massachusetts	6.95	7.49	5.90	4.86	3.94	3.40	4.30
Michigan	3.08	3.21	2.74	2.87	2.91	3.90	3.84
Minnesota	4.28	3.88	3.49	2.98	2.94	3.77	3.65
Mississippi	3.79	4.04	3.46	3.19	3.36	NA	3.85
Missouri	6.96	7.08	5.58	5.21	4.50	3.86	3.45
Montana	3.34	3.12	2.50	2.28	2.42	3.03	3.43
Nebraska	3.90	4.44	3.17	3.00	3.14	4.16	3.80
Nevada	4.76	4.50	3.74	3.19	3.16	3.18	3.56
New Hampshire	NA	6.79	5.79	3.87	2.72	3.57	7.03
New Jersey	3.75	3.92	3.91	3.80	3.81	3.98	3.94
New Mexico	3.39	3.50	2.89	2.43	2.23	2.75	2.80
New York	6.94	6.69	5.52	4.26	3.03	2.84	2.92
North Carolina	4.83	5.28	4.38	3.71	3.21	3.10	2.87
North Dakota	4.19	4.36	2.83	2.71	2.97	3.65	3.84
Ohio	2.53	2.69	2.46	2.61	2.41	3.09	3.55
Oklahoma	5.39	5.51	4.77	3.83	3.73	3.58	3.69
Oregon	5.33	5.85	5.18	4.65	4.15	3.63	3.96
Pennsylvania	5.57	6.55	6.36	4.35	3.28	3.98	3.18
Rhode Island	2.03	2.06	2.05	2.09	2.14	2.22	2.24
South Carolina	3.75	3.87	3.43	3.08	3.37	3.41	3.27
South Dakota	4.82	4.47	3.06	2.28	2.47	3.40	3.49
Tennessee	3.64	3.88	3.19	3.02	2.97	3.09	3.14
Texas	4.00	3.94	3.41	3.20	3.20	3.60	3.87
Utah	3.24	3.37	3.58	4.60	4.63	6.06	6.05
Vermont	4.22	4.01	4.24	4.96	4.85	6.93	5.98
Virginia	7.04	6.25	6.42	4.38	3.92	3.72	3.31
Washington	4.35	4.56	3.57	3.85	3.43	NA	3.63
West Virginia	5.08	5.59	4.62	3.43	3.22	3.27	3.38
Wisconsin	4.80	5.08	4.12	3.67	3.16	3.73	3.92
Wyoming	3.38	3.19	2.56	3.07	3.10	3.47	3.75
<b>Total</b>	<b>4.37</b>	<b>4.45</b>	<b>3.99</b>	<b>3.46</b>	<b>3.22</b>	<b>3.49</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
	January	Total	December	November	October	September	August
Alabama	3.22	3.91	3.27	3.61	3.83	3.81	4.04
Alaska	6.93	6.57	6.53	6.56	6.11	5.90	5.80
Arizona	3.64	4.38	3.65	4.42	4.25	4.48	4.53
Arkansas	3.43	4.77	4.00	4.16	5.63	5.58	6.92
California	2.72	3.27	3.02	3.08	3.32	3.42	3.55
Colorado	3.09	3.98	3.07	3.24	4.60	5.60	5.59
Connecticut	3.27	4.07	3.80	3.36	3.58	4.59	4.45
Delaware	3.81	5.87	4.98	5.14	6.54	10.35	10.03
District of Columbia	--	--	--	--	--	--	--
Florida	3.86	4.75	4.65	3.92	4.17	4.53	4.44
Georgia	3.35	3.83	3.51	3.37	3.80	4.14	4.16
Hawaii	10.93	18.11	14.81	14.92	14.59	15.38	17.72
Idaho	3.20	3.95	3.34	3.52	3.75	3.67	4.50
Illinois	3.12	3.82	3.43	3.17	3.61	4.91	4.75
Indiana	3.42	4.03	3.52	3.62	3.68	4.58	4.82
Iowa	3.65	4.29	3.79	3.81	3.58	4.62	4.61
Kansas	3.38	4.59	3.55	3.94	5.53	6.43	5.66
Kentucky	3.24	3.96	3.85	3.21	3.41	3.34	3.41
Louisiana	3.51	3.32	2.95	2.62	2.95	3.08	3.28
Maine	7.79	8.76	8.01	7.52	4.38	5.52	5.39
Maryland	3.30	5.01	5.19	4.26	4.07	7.19	8.89
Massachusetts	3.93	5.72	5.42	4.42	4.62	7.59	7.15
Michigan	3.80	4.23	3.95	3.87	3.65	3.60	3.82
Minnesota	3.43	4.39	3.65	4.06	3.51	4.49	4.52
Mississippi	3.28	4.05	4.29	3.02	3.68	3.64	3.82
Missouri	3.34	4.64	3.48	3.86	5.33	6.73	7.26
Montana	3.23	3.71	3.25	2.87	3.28	3.10	3.36
Nebraska	3.65	4.32	3.23	3.83	4.04	4.68	4.16
Nevada	3.38	4.06	3.15	3.57	4.40	4.38	4.64
New Hampshire	7.02	7.64	6.40	4.34	3.59	5.90	7.17
New Jersey	3.84	4.87	4.27	4.30	4.37	5.00	4.84
New Mexico	2.72	3.32	2.76	2.80	3.34	3.57	3.74
New York	2.62	4.15	3.56	3.54	4.57	7.12	7.07
North Carolina	2.98	3.81	3.10	2.79	3.88	4.43	4.68
North Dakota	3.76	4.46	3.94	4.16	4.58	5.00	4.32
Ohio	3.60	4.49	3.75	3.45	3.02	2.34	3.04
Oklahoma	3.62	4.59	3.86	4.22	5.28	5.45	5.43
Oregon	3.71	4.65	3.72	3.92	5.15	5.19	5.84
Pennsylvania	3.04	4.38	4.10	4.24	3.79	6.30	6.22
Rhode Island	2.23	3.14	2.21	2.22	2.24	2.31	2.41
South Carolina	3.42	3.90	3.48	3.20	3.56	4.01	3.96
South Dakota	3.65	4.16	4.01	4.19	4.60	4.72	4.44
Tennessee	3.21	4.06	3.45	3.49	3.80	4.03	4.00
Texas	3.79	4.19	4.37	3.90	4.17	3.73	3.86
Utah	5.61	5.70	5.96	4.84	5.49	4.18	3.96
Vermont	5.52	6.33	5.93	5.08	4.59	5.96	6.34
Virginia	3.40	4.87	4.36	4.07	4.75	5.61	7.36
Washington	3.21	4.42	3.46	3.51	4.25	5.08	5.84
West Virginia	3.14	4.00	3.63	3.57	3.60	4.77	4.72
Wisconsin	3.67	4.71	3.96	4.21	4.25	5.61	5.95
Wyoming	3.62	4.36	3.89	3.88	4.09	3.89	3.50
<b>Total</b>	<b>3.40</b>	<b>4.26</b>	<b>3.75</b>	<b>3.68</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	3.85	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	6.03	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>4.24</b>	<b>3.93</b>	<b>4.36</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	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	15.28	12.69	13.12	21.42	20.85	16.46	14.71
Alaska	9.95	9.40	9.87	12.81	11.02	10.24	9.59
Arizona	NA	14.58	17.43	20.28	18.01	16.66	15.18
Arkansas	12.39	10.28	10.95	18.53	15.90	14.24	12.72
California	12.88	11.20	11.45	13.21	13.04	12.58	12.48
Colorado	7.83	6.77	8.38	12.68	9.18	8.04	7.93
Connecticut	13.42	11.96	11.86	18.84	16.63	13.82	12.31
Delaware	11.89	10.77	11.91	18.79	15.97	12.03	11.55
District of Columbia	12.49	10.54	11.71	17.71	16.99	12.85	12.22
Florida	20.06	17.87	17.83	24.44	22.59	20.13	19.77
Georgia	15.94	13.03	12.91	26.45	23.49	18.10	14.49
Hawaii	37.97	37.08	41.05	37.63	39.21	38.06	38.69
Idaho	7.70	8.44	8.89	10.41	8.28	7.98	8.04
Illinois	8.63	6.99	7.60	15.19	11.01	10.13	7.88
Indiana	8.94	7.20	8.88	19.04	11.62	11.61	7.70
Iowa	8.40	NA	7.86	15.04	10.89	8.99	7.75
Kansas	NA	8.94	9.97	19.78	NA	13.06	10.18
Kentucky	11.36	8.94	10.08	24.08	18.15	13.76	10.43
Louisiana	12.90	10.22	9.87	15.85	15.30	13.94	13.06
Maine	13.74	13.25	17.48	17.86	14.97	12.87	13.03
Maryland	NA	10.65	11.25	NA	NA	NA	11.15
Massachusetts	13.19	12.04	13.27	13.57	13.73	13.31	13.00
Michigan	8.23	7.86	8.74	13.15	9.83	9.16	7.72
Minnesota	8.34	7.56	8.92	12.55	9.75	8.48	7.67
Mississippi	11.59	9.32	8.86	16.51	15.39	13.24	10.90
Missouri	10.38	9.53	10.49	21.51	15.45	12.33	10.48
Montana	7.32	6.97	8.36	9.58	8.07	7.50	7.37
Nebraska	8.31	7.13	8.47	14.17	10.38	8.72	7.88
Nevada	7.95	10.25	11.91	11.62	10.63	8.99	7.76
New Hampshire	13.30	13.09	16.00	16.35	14.31	12.22	12.75
New Jersey	8.60	7.71	7.89	10.31	9.68	8.33	8.67
New Mexico	8.37	7.06	8.21	12.41	10.17	8.85	7.91
New York	11.19	10.16	10.38	16.11	14.34	11.01	10.72
North Carolina	NA	10.36	10.38	22.67	19.51	NA	NA
North Dakota	NA	6.57	8.06	19.64	NA	7.61	6.48
Ohio	NA	7.65	8.57	23.77	NA	10.32	7.78
Oklahoma	9.90	8.63	8.99	21.83	15.90	13.16	10.28
Oregon	10.44	12.42	12.34	14.60	12.41	11.15	10.83
Pennsylvania	NA	9.43	10.69	16.82	13.22	11.71	10.35
Rhode Island	13.18	13.11	13.58	16.38	15.11	13.18	12.79
South Carolina	14.81	11.35	10.94	24.56	22.19	17.57	11.90
South Dakota	7.71	6.90	8.10	12.11	9.13	7.79	7.52
Tennessee	9.89	8.12	8.87	17.02	14.26	11.05	9.69
Texas	12.18	NA	9.23	18.81	17.34	15.82	12.36
Utah	8.79	8.93	9.85	9.56	8.36	9.15	9.18
Vermont	13.05	13.30	13.78	17.88	14.90	12.83	12.42
Virginia	NA	10.03	10.78	19.25	NA	14.04	NA
Washington	10.45	NA	12.25	14.67	12.05	10.68	10.26
West Virginia	8.90	8.90	10.23	17.67	11.59	9.57	8.48
Wisconsin	8.17	7.62	8.40	12.92	9.00	9.04	7.50
Wyoming	8.56	7.93	9.18	12.39	10.06	9.31	8.50
<b>Total</b>	<b>10.52</b>	<b>9.22</b>	<b>9.87</b>	<b>15.98</b>	<b>13.18</b>	<b>11.38</b>	<b>9.91</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			
	February	January	Total	December	November	October	September
Alabama	14.63	13.43	14.05	14.27	19.09	21.22	21.13
Alaska	9.63	9.46	9.81	9.51	9.73	10.07	11.36
Arizona	NA	12.57	15.19	12.63	15.60	18.61	20.69
Arkansas	12.00	10.56	11.35	10.83	17.74	18.42	19.07
California	12.73	13.17	11.91	13.16	12.40	13.39	13.34
Colorado	7.45	6.87	7.38	6.48	7.42	9.75	12.12
Connecticut	13.19	12.39	12.91	11.73	13.28	16.63	22.18
Delaware	11.25	10.85	11.88	11.53	13.74	19.78	22.48
District of Columbia	11.43	11.44	11.38	11.10	13.87	13.09	19.45
Florida	18.71	18.03	19.84	18.62	22.96	25.86	25.11
Georgia	14.36	12.82	NA	12.31	16.53	25.30	NA
Hawaii	37.91	36.66	36.40	37.48	34.09	37.47	35.35
Idaho	7.50	7.20	8.11	7.19	7.34	8.21	9.46
Illinois	8.32	7.51	7.88	6.75	8.71	12.17	16.73
Indiana	8.59	7.63	7.88	6.38	8.44	11.87	17.57
Iowa	8.02	7.66	NA	6.93	10.22	NA	16.31
Kansas	10.00	8.64	9.85	8.61	9.38	18.32	19.93
Kentucky	10.92	9.27	10.12	8.63	11.42	19.41	22.87
Louisiana	12.64	11.19	11.56	11.23	15.24	16.56	16.17
Maine	13.70	13.71	13.84	12.89	13.32	15.77	21.35
Maryland	12.59	11.65	11.71	11.00	13.43	17.66	20.58
Massachusetts	13.21	13.00	12.57	13.27	13.38	13.82	15.10
Michigan	7.92	7.54	8.17	7.32	7.95	9.34	12.80
Minnesota	8.11	8.10	7.98	7.28	7.95	9.47	13.15
Mississippi	10.94	10.27	10.23	9.01	13.66	16.14	15.44
Missouri	9.23	8.27	10.93	9.07	15.24	21.68	23.99
Montana	7.28	6.73	7.26	6.72	7.35	7.91	10.04
Nebraska	7.94	7.39	7.98	7.03	10.04	13.26	15.67
Nevada	7.10	6.96	10.23	7.57	9.70	11.49	13.81
New Hampshire	13.60	13.26	NA	NA	14.97	19.46	24.66
New Jersey	8.23	8.42	8.32	8.50	9.11	10.38	11.90
New Mexico	7.94	7.66	8.04	7.60	10.06	12.57	14.34
New York	10.96	9.80	10.83	9.59	10.91	14.83	17.32
North Carolina	13.88	11.81	NA	10.62	11.90	18.56	NA
North Dakota	6.81	5.94	7.21	5.69	6.97	8.50	16.30
Ohio	NA	7.19	9.13	7.91	10.14	18.80	26.09
Oklahoma	8.77	7.12	10.58	8.38	18.87	24.83	26.11
Oregon	10.04	9.30	NA	9.58	NA	12.12	14.69
Pennsylvania	10.35	NA	10.13	9.16	10.56	13.51	18.78
Rhode Island	12.72	12.58	13.80	13.03	14.27	17.92	20.26
South Carolina	15.19	13.63	12.68	11.67	13.61	22.25	25.36
South Dakota	7.87	6.94	7.62	6.76	9.62	10.49	13.40
Tennessee	9.36	8.62	NA	8.75	12.14	NA	17.53
Texas	10.76	9.67	NA	10.73	18.47	20.14	21.01
Utah	8.79	8.40	9.12	8.99	9.90	9.23	10.12
Vermont	12.37	12.69	14.15	13.13	14.31	18.75	22.57
Virginia	12.20	10.52	11.10	10.42	12.99	16.38	21.29
Washington	10.06	9.77	NA	9.69	10.65	11.11	13.41
West Virginia	8.41	8.21	9.26	8.22	8.92	11.65	16.69
Wisconsin	7.57	8.06	8.08	7.41	8.26	9.20	14.30
Wyoming	8.08	7.50	NA	7.31	8.76	10.24	15.66
<b>Total</b>	<b>10.05</b>	<b>9.38</b>	<b>10.06</b>	<b>9.07</b>	<b>10.77</b>	<b>13.76</b>	<b>16.82</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						
	August	July	June	May	April	March	February
Alabama	21.26	20.57	19.30	17.16	14.45	12.15	11.26
Alaska	12.66	12.98	12.14	10.41	9.63	9.09	8.99
Arizona	22.29	21.49	19.48	17.44	16.54	18.06	13.83
Arkansas	18.86	17.01	15.57	13.88	11.01	10.44	9.16
California	12.90	11.97	11.37	11.52	10.50	10.60	11.53
Colorado	14.28	14.02	12.51	7.09	6.87	6.71	6.48
Connecticut	24.07	21.75	19.19	15.03	12.87	11.74	10.67
Delaware	24.20	21.34	17.54	13.44	11.47	10.24	9.71
District of Columbia	20.11	18.38	15.35	12.56	10.55	10.72	9.53
Florida	26.13	25.52	22.76	21.17	19.78	17.43	14.92
Georgia	25.99	25.97	24.64	20.07	16.27	12.90	10.90
Hawaii	34.86	34.76	42.55	39.90	36.85	36.99	33.65
Idaho	10.13	9.85	9.77	9.18	8.91	8.76	8.20
Illinois	17.33	16.50	12.62	10.49	7.53	7.08	6.30
Indiana	18.38	18.80	16.40	10.04	7.73	8.03	6.38
Iowa	17.63	16.05	13.28	8.74	NA	7.33	6.52
Kansas	21.71	20.10	18.90	13.40	11.06	9.41	7.89
Kentucky	24.40	23.01	20.11	14.80	10.30	8.73	7.60
Louisiana	16.97	16.27	14.16	13.40	11.33	10.51	8.70
Maine	22.82	21.90	18.01	13.48	12.57	12.99	13.08
Maryland	21.29	20.13	16.04	12.63	11.48	11.02	9.44
Massachusetts	15.35	14.55	12.84	12.46	12.02	11.70	12.08
Michigan	14.59	13.45	12.96	9.61	7.81	7.79	7.58
Minnesota	13.32	13.45	11.67	9.83	7.59	7.63	7.10
Mississippi	16.26	15.93	14.15	13.16	10.94	9.17	8.09
Missouri	26.38	24.82	19.70	15.58	11.31	9.30	8.12
Montana	11.09	10.30	8.34	7.18	6.75	7.00	6.88
Nebraska	16.07	14.98	12.33	9.22	7.60	6.99	6.49
Nevada	14.42	14.63	12.99	11.92	11.25	10.84	9.75
New Hampshire	24.61	23.02	18.19	13.97	12.22	11.76	12.70
New Jersey	12.27	11.49	10.78	9.49	8.99	8.24	6.86
New Mexico	15.18	13.85	11.38	8.73	7.48	7.06	6.44
New York	17.86	16.65	14.69	10.98	9.87	9.63	9.43
North Carolina	NA	22.54	19.64	16.44	13.13	12.63	9.07
North Dakota	20.07	20.52	19.22	9.53	6.91	6.31	5.61
Ohio	27.29	25.47	19.24	11.70	8.02	7.14	6.43
Oklahoma	29.01	24.73	19.82	16.74	10.97	8.93	6.82
Oregon	17.04	NA	16.31	15.69	14.17	12.40	12.29
Pennsylvania	19.38	18.24	15.54	11.32	9.86	9.46	8.60
Rhode Island	20.37	19.20	16.89	14.49	13.42	12.64	12.35
South Carolina	25.66	26.97	24.19	18.70	15.24	13.53	9.79
South Dakota	14.20	13.53	11.38	7.76	6.89	7.16	6.61
Tennessee	18.91	17.06	14.76	12.45	9.50	7.86	7.25
Texas	22.75	19.33	NA	16.33	11.63	10.02	7.79
Utah	10.75	10.67	9.81	8.89	8.96	9.50	8.79
Vermont	23.02	21.11	18.40	14.26	13.30	12.66	12.53
Virginia	21.37	19.95	15.54	12.71	10.65	10.21	8.78
Washington	15.55	NA	NA	9.90	9.45	9.96	10.22
West Virginia	18.41	17.03	15.58	11.73	9.36	8.82	8.31
Wisconsin	15.05	14.32	10.57	8.64	7.58	7.40	7.25
Wyoming	16.52	NA	11.00	8.49	8.23	7.60	7.61
<b>Total</b>	<b>17.65</b>	<b>16.59</b>	<b>14.49</b>	<b>11.63</b>	<b>9.66</b>	<b>9.21</b>	<b>8.39</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
	January	Total	December	November	October	September	August
Alabama	12.14	14.13	14.48	17.89	19.36	20.73	20.86
Alaska	8.87	9.64	8.76	8.86	9.40	9.81	11.41
Arizona	11.99	17.04	12.75	14.57	20.78	23.02	24.02
Arkansas	9.65	11.58	10.48	13.97	17.62	18.98	19.43
California	11.46	11.39	11.38	10.31	11.54	11.92	11.86
Colorado	6.10	8.27	6.48	6.92	9.31	13.17	13.68
Connecticut	10.34	12.50	11.84	12.53	15.33	21.54	19.36
Delaware	10.09	12.62	11.09	14.03	18.50	23.22	23.75
District of Columbia	9.96	11.98	10.25	12.06	15.52	17.40	17.38
Florida	16.92	19.55	19.43	21.87	23.71	24.76	24.94
Georgia	10.74	14.62	13.97	14.73	19.81	24.96	24.03
Hawaii	33.36	40.08	38.28	38.53	37.46	36.41	37.50
Idaho	7.97	8.59	7.87	7.71	8.90	9.53	10.93
Illinois	5.84	7.97	6.30	7.13	9.70	15.39	16.41
Indiana	5.99	8.92	6.93	7.34	9.29	15.25	17.74
Iowa	6.52	8.51	7.31	8.43	13.18	16.44	17.39
Kansas	7.26	10.17	7.79	7.97	14.33	19.63	20.74
Kentucky	7.83	10.87	9.35	10.99	16.11	21.00	22.21
Louisiana	9.43	10.91	10.90	13.82	15.07	15.86	16.50
Maine	13.21	16.79	13.17	12.75	15.03	21.77	22.85
Maryland	9.93	12.03	13.09	12.69	13.48	19.36	19.04
Massachusetts	11.99	13.02	12.69	11.18	10.75	13.26	13.82
Michigan	7.26	8.81	7.57	7.91	8.96	13.26	13.57
Minnesota	7.02	8.79	7.12	7.67	9.27	12.68	12.93
Mississippi	8.57	9.70	9.70	12.11	13.94	15.36	15.79
Missouri	7.98	11.60	9.51	13.97	20.52	23.90	25.52
Montana	6.80	8.26	6.85	7.39	9.07	11.11	11.86
Nebraska	6.43	8.86	6.83	9.43	13.81	15.57	15.66
Nevada	9.12	11.82	8.96	10.80	14.95	16.14	16.41
New Hampshire	14.05	16.18	15.06	14.11	17.88	22.91	22.68
New Jersey	6.55	8.32	7.80	9.03	10.24	12.30	12.42
New Mexico	6.35	8.63	6.76	8.27	13.08	14.85	14.92
New York	10.28	11.20	11.43	12.26	14.24	17.50	17.30
North Carolina	8.77	11.57	12.87	12.15	14.61	21.77	21.94
North Dakota	5.50	8.15	5.60	6.56	9.57	16.93	19.37
Ohio	6.46	9.51	7.40	9.68	15.37	24.33	25.48
Oklahoma	6.54	10.24	7.34	14.37	23.34	25.17	26.60
Oregon	10.63	12.43	10.84	12.69	13.54	14.45	17.09
Pennsylvania	8.70	11.04	9.82	10.53	12.23	18.26	18.56
Rhode Island	12.73	14.24	13.49	15.48	19.04	21.00	20.94
South Carolina	9.07	12.65	15.36	14.91	16.37	23.95	22.77
South Dakota	6.31	8.30	6.63	8.04	10.43	14.36	14.99
Tennessee	7.38	9.62	9.22	11.74	14.40	17.34	19.64
Texas	7.77	10.62	9.31	15.49	19.18	20.90	21.08
Utah	8.58	9.72	8.75	9.22	10.85	10.89	10.84
Vermont	13.24	14.56	13.84	14.89	18.41	23.16	23.04
Virginia	9.47	11.64	12.14	11.77	15.88	19.54	21.20
Washington	9.18	11.80	9.74	9.87	13.00	14.48	17.17
West Virginia	8.31	10.48	8.86	9.62	12.22	17.56	19.08
Wisconsin	7.46	8.54	7.46	7.98	8.51	12.94	14.20
Wyoming	7.32	9.33	7.05	8.44	12.66	15.66	16.07
<b>Total</b>	<b>8.30</b>	<b>10.38</b>	<b>9.27</b>	<b>10.02</b>	<b>12.60</b>	<b>16.40</b>	<b>16.89</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	19.61	17.89	15.37	12.15	12.21	12.80
Alaska	11.66	11.29	10.87	10.03	9.68	9.64	9.51
Arizona	23.60	21.54	19.21	18.94	18.94	18.88	14.36
Arkansas	17.76	16.16	13.91	11.66	9.99	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	24.67	22.91	21.53	19.02	16.40	16.15	16.83
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	15.13	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	13.02	10.07	8.50	7.75	7.14	7.52
Kansas	19.33	17.65	14.49	13.64	9.74	8.59	9.20
Kentucky	23.11	21.52	17.11	12.94	8.96	8.92	9.48
Louisiana	15.46	14.98	13.55	11.26	8.83	9.21	9.34
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	20.79	17.02	12.66	9.26	9.63	9.45
Montana	11.75	10.06	8.48	8.25	8.06	8.21	8.39
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	13.50	9.15	7.76	7.54	7.91
Oklahoma	23.07	19.17	15.76	12.21	7.52	8.07	7.83
Oregon	16.20	15.54	14.00	11.78	13.23	12.37	11.18
Pennsylvania	17.76	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	24.65	24.58	21.23	16.92	10.67	8.83	10.20
South Dakota	14.53	12.35	9.18	8.46	8.04	7.58	7.71
Tennessee	17.59	16.13	14.17	10.41	7.57	8.47	8.72
Texas	18.26	16.56	15.76	11.59	7.93	7.94	8.63
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	16.98	16.72	14.22	12.22	12.05	11.82	11.45
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>10.44</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	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	11.99	10.24	11.07	13.07	13.00	12.57	11.72
Alaska	8.79	7.93	8.31	9.39	8.83	8.70	8.74
Arizona	8.60	9.11	11.07	8.92	8.85	8.99	8.84
Arkansas	8.32	7.11	8.62	9.34	8.96	8.73	8.42
California	9.22	7.84	8.21	8.77	8.71	8.84	9.50
Colorado	7.00	6.04	7.77	9.00	7.27	6.97	7.09
Connecticut	9.21	NA	8.35	10.71	10.76	9.26	8.34
Delaware	10.12	9.04	10.46	11.92	11.18	10.15	10.00
District of Columbia	11.27	9.90	11.30	12.88	12.15	11.60	11.58
Florida	11.53	10.46	10.89	11.70	11.63	11.48	11.56
Georgia	8.72	7.21	8.37	9.84	9.65	9.11	8.44
Hawaii	28.99	27.64	32.42	28.42	29.16	29.15	29.62
Idaho	6.70	7.36	7.82	7.44	7.11	7.15	6.93
Illinois	7.88	6.44	7.01	12.56	10.24	9.17	7.27
Indiana	7.78	6.08	7.89	11.46	9.04	9.60	6.87
Iowa	6.66	5.58	6.43	9.03	7.82	6.88	6.15
Kansas	NA	7.79	8.95	13.19	NA	10.23	9.36
Kentucky	8.99	7.16	8.59	12.62	11.35	10.36	8.67
Louisiana	NA	7.64	8.22	8.97	8.95	8.80	NA
Maine	11.13	10.78	15.58	11.41	10.93	10.69	10.82
Maryland	NA	8.47	9.65	12.59	NA	NA	9.29
Massachusetts	NA	9.29	11.40	9.10	NA	NA	9.76
Michigan	6.97	6.66	7.57	8.96	7.88	7.28	6.77
Minnesota	6.89	6.27	7.73	8.10	7.03	6.79	6.36
Mississippi	9.18	7.75	7.88	8.76	9.29	9.01	8.98
Missouri	7.89	7.41	8.90	9.79	9.00	8.35	8.12
Montana	7.19	6.87	8.32	8.84	7.81	7.26	7.20
Nebraska	6.37	5.30	6.75	6.56	6.61	5.95	6.31
Nevada	5.28	7.34	9.01	5.90	5.85	5.38	5.14
New Hampshire	11.09	10.62	13.93	12.45	11.49	10.15	10.63
New Jersey	NA	7.50	8.54	NA	8.84	7.83	8.95
New Mexico	6.26	5.28	6.26	6.97	6.46	5.99	6.00
New York	NA	6.33	7.17	6.79	6.81	NA	7.04
North Carolina	NA	7.38	7.89	NA	10.62	10.11	NA
North Dakota	5.96	5.18	6.98	7.56	6.51	5.66	5.66
Ohio	NA	5.43	6.41	7.85	6.87	6.26	NA
Oklahoma	7.67	6.56	7.49	13.47	11.55	9.68	8.01
Oregon	8.80	9.97	10.45	10.35	9.51	9.18	9.03
Pennsylvania	NA	7.75	9.43	11.64	10.22	NA	9.18
Rhode Island	10.64	10.64	11.53	13.10	12.02	10.63	10.42
South Carolina	9.54	8.02	8.35	9.02	8.72	9.46	8.66
South Dakota	6.08	5.27	6.45	7.47	6.31	5.87	5.81
Tennessee	8.69	7.18	8.26	9.48	9.20	8.83	8.57
Texas	NA	6.15	6.75	7.84	NA	7.76	7.32
Utah	7.34	7.46	8.27	6.83	6.51	7.47	7.71
Vermont	NA	6.64	8.69	NA	6.94	7.57	7.35
Virginia	NA	7.02	8.13	9.62	NA	8.08	NA
Washington	NA	NA	10.26	NA	NA	8.20	8.14
West Virginia	7.49	7.61	9.15	9.72	8.49	7.91	7.26
Wisconsin	6.67	6.20	7.05	6.65	6.06	6.93	6.37
Wyoming	6.91	6.42	7.77	7.41	7.13	7.10	6.96
<b>Total</b>	<b>7.89</b>	<b>6.96</b>	<b>8.00</b>	<b>8.77</b>	<b>8.32</b>	<b>8.04</b>	<b>7.68</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		
	February	January	Total	December	November	October	September
Alabama	11.61	11.38	NA	11.25	NA	11.95	11.82
Alaska	8.69	8.78	8.34	8.75	8.68	8.85	8.76
Arizona	8.23	8.19	8.80	8.00	8.19	8.49	8.61
Arkansas	8.29	7.74	NA	NA	NA	7.00	6.87
California	9.37	9.64	8.44	9.98	9.29	9.09	9.17
Colorado	6.91	6.56	6.44	6.19	6.63	8.03	8.45
Connecticut	9.53	8.62	NA	7.93	8.61	10.00	10.65
Delaware	9.85	9.68	9.58	9.88	10.37	11.42	11.86
District of Columbia	11.16	9.92	10.29	10.26	12.08	9.76	11.67
Florida	11.67	11.19	10.58	11.04	10.77	10.79	10.72
Georgia	8.68	8.10	7.66	7.32	8.50	8.99	9.22
Hawaii	29.34	28.33	27.02	27.61	25.04	27.71	27.32
Idaho	6.60	6.34	7.10	6.48	6.48	6.97	7.67
Illinois	7.62	6.93	NA	6.44	8.08	9.03	12.30
Indiana	7.72	7.07	6.51	5.70	7.34	7.29	9.55
Iowa	6.44	6.45	NA	5.95	6.47	6.85	NA
Kansas	9.21	8.41	8.36	7.60	8.48	11.26	13.52
Kentucky	8.86	7.76	7.85	7.45	8.89	10.76	11.27
Louisiana	NA	NA	NA	8.90	8.30	8.55	8.37
Maine	11.34	11.54	10.74	10.73	10.33	10.57	11.27
Maryland	10.05	9.62	9.06	8.96	10.21	11.04	11.95
Massachusetts	9.92	9.77	9.47	10.06	9.97	9.53	9.72
Michigan	6.83	6.62	6.86	6.57	6.92	7.56	9.00
Minnesota	6.93	7.08	6.42	6.29	6.26	6.71	7.86
Mississippi	9.41	9.34	7.85	8.15	8.62	8.15	7.60
Missouri	7.53	7.24	7.91	7.72	9.22	9.61	9.89
Montana	7.23	6.70	7.09	6.69	7.25	7.62	8.95
Nebraska	6.62	6.30	5.47	5.81	5.89	5.79	5.95
Nevada	5.02	5.09	6.84	5.37	5.78	6.24	6.87
New Hampshire	11.68	11.26	11.36	11.91	11.98	13.58	16.21
New Jersey	8.97	9.58	7.94	8.61	9.24	8.79	8.74
New Mexico	6.41	6.18	5.76	6.13	6.68	6.94	7.44
New York	7.43	6.78	6.09	6.43	5.62	5.57	5.27
North Carolina	9.97	8.79	NA	8.38	8.07	7.98	8.21
North Dakota	6.30	5.73	5.45	5.43	5.60	5.82	6.74
Ohio	6.18	6.07	5.79	5.73	6.07	7.23	7.30
Oklahoma	6.96	6.01	NA	6.88	NA	14.50	14.80
Oregon	8.57	8.22	NA	8.16	9.57	9.57	10.28
Pennsylvania	8.62	8.35	8.09	7.88	8.24	9.09	10.94
Rhode Island	10.45	10.02	11.16	10.27	11.48	14.53	16.35
South Carolina	10.25	10.47	8.45	9.51	9.05	9.06	8.59
South Dakota	6.48	5.82	5.65	5.73	5.98	6.31	7.17
Tennessee	8.62	8.40	NA	8.21	9.04	NA	9.07
Texas	7.65	7.54	6.87	7.58	8.22	8.49	8.13
Utah	7.48	7.29	7.43	7.65	7.50	6.71	6.84
Vermont	7.61	8.07	6.63	7.48	7.07	6.19	6.33
Virginia	8.85	7.81	7.38	7.75	7.73	7.89	8.84
Washington	8.15	7.96	NA	7.87	8.31	8.49	9.14
West Virginia	7.20	7.15	7.76	7.11	7.52	8.73	10.01
Wisconsin	6.47	7.05	6.29	6.50	6.48	5.87	6.56
Wyoming	6.97	6.56	6.52	6.51	6.74	6.83	7.11
<b>Total</b>	<b>7.89</b>	<b>7.58</b>	<b>7.25</b>	<b>7.25</b>	<b>7.61</b>	<b>7.94</b>	<b>8.28</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						
	August	July	June	May	April	March	February
Alabama	11.88	11.74	11.31	10.62	10.63	10.20	9.85
Alaska	8.78	9.07	8.41	8.00	7.90	7.87	7.87
Arizona	8.62	8.72	8.70	8.78	9.07	9.74	9.32
Arkansas	7.28	7.02	7.35	7.23	6.97	7.23	6.86
California	8.76	8.08	7.44	7.35	7.19	8.18	8.49
Colorado	9.30	8.39	7.65	6.16	5.98	5.94	5.97
Connecticut	11.75	11.16	11.82	9.87	9.37	7.93	7.29
Delaware	12.11	11.51	10.87	10.03	9.33	8.79	8.58
District of Columbia	12.32	12.12	11.31	10.24	10.24	10.21	9.30
Florida	10.49	10.46	10.40	10.18	10.27	10.48	10.61
Georgia	9.27	9.05	8.44	8.11	7.89	7.33	6.98
Hawaii	25.57	25.24	32.82	30.04	28.09	27.26	23.66
Idaho	7.62	7.70	7.79	7.69	7.80	7.59	7.20
Illinois	NA	12.25	10.92	9.47	6.99	6.50	5.88
Indiana	10.00	11.05	9.49	7.16	6.37	6.99	5.63
Iowa	8.13	7.81	7.11	5.81	5.54	5.80	5.40
Kansas	13.72	12.86	12.41	10.11	8.34	8.91	7.22
Kentucky	11.97	10.99	10.72	9.14	7.96	7.07	6.36
Louisiana	8.35	NA	7.26	7.33	7.19	7.77	7.77
Maine	10.83	10.47	10.04	9.54	10.25	10.79	11.19
Maryland	11.65	11.50	9.79	8.22	8.32	8.82	8.14
Massachusetts	9.79	9.34	8.48	9.21	9.44	9.13	9.49
Michigan	9.22	8.71	8.17	7.04	6.54	6.54	6.61
Minnesota	7.77	7.88	7.06	6.38	6.15	6.41	6.23
Mississippi	7.53	7.65	7.08	7.56	8.09	7.87	7.59
Missouri	10.48	10.40	9.41	8.56	7.93	7.23	6.96
Montana	9.08	8.59	7.74	6.93	6.64	6.92	6.87
Nebraska	6.02	5.32	5.08	4.73	5.00	5.39	5.47
Nevada	6.89	7.22	7.08	7.04	7.25	7.59	7.48
New Hampshire	16.40	16.48	13.28	11.22	9.96	9.55	10.47
New Jersey	8.72	8.68	7.72	7.15	6.80	7.50	7.66
New Mexico	7.25	6.94	6.14	5.54	5.33	5.27	5.09
New York	5.26	5.54	5.72	5.98	6.16	6.39	6.58
North Carolina	NA	8.79	8.54	8.04	7.80	8.56	6.99
North Dakota	7.30	7.01	6.69	5.37	4.62	5.21	5.16
Ohio	8.13	7.56	6.96	6.10	5.30	5.27	5.25
Oklahoma	15.07	13.84	12.34	10.91	8.11	6.80	5.43
Oregon	10.75	NA	12.20	11.58	10.38	9.85	9.72
Pennsylvania	10.76	10.99	10.56	8.85	8.06	8.16	7.31
Rhode Island	15.78	15.43	13.58	11.51	10.79	10.32	10.10
South Carolina	8.52	8.74	7.82	7.46	8.39	8.39	8.16
South Dakota	7.91	6.99	6.47	5.08	4.95	5.60	5.36
Tennessee	9.49	8.68	8.28	7.60	7.59	7.01	7.00
Texas	8.24	7.50	6.70	6.82	6.12	6.15	5.83
Utah	7.10	7.01	6.84	6.77	7.37	7.91	7.55
Vermont	5.59	5.87	5.51	6.71	6.60	6.22	7.00
Virginia	8.57	8.36	7.81	7.32	6.72	7.26	6.75
Washington	9.54	9.06	NA	7.82	7.73	7.76	8.35
West Virginia	10.29	10.16	9.80	9.02	7.90	7.58	7.31
Wisconsin	6.55	6.98	5.26	5.30	5.98	6.07	6.36
Wyoming	6.80	6.90	7.01	6.45	6.46	6.47	6.35
<b>Total</b>	<b>8.26</b>	<b>8.10</b>	<b>7.70</b>	<b>7.29</b>	<b>6.95</b>	<b>7.05</b>	<b>6.83</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
	January	Total	December	November	October	September	August
Alabama	9.97	11.26	10.95	11.70	11.63	11.99	12.17
Alaska	7.88	8.01	7.54	7.59	7.86	7.21	8.23
Arizona	8.94	10.53	9.17	9.36	10.15	10.41	10.53
Arkansas	7.28	8.43	7.43	8.01	7.86	8.44	8.64
California	8.04	8.04	8.29	7.25	7.75	7.90	7.93
Colorado	5.81	7.47	6.10	6.40	7.73	9.17	9.33
Connecticut	NA	8.60	8.22	8.51	9.57	10.58	9.56
Delaware	8.75	10.70	9.15	10.82	12.54	13.93	13.86
District of Columbia	9.50	11.07	9.59	10.81	11.19	11.02	10.71
Florida	10.69	10.92	11.05	10.83	10.74	11.27	11.02
Georgia	6.58	8.58	7.88	9.81	8.74	9.47	9.16
Hawaii	24.18	31.17	28.72	28.13	27.06	28.60	30.45
Idaho	7.08	7.59	7.10	6.91	7.63	7.98	8.10
Illinois	5.54	7.29	6.03	6.66	8.26	12.57	12.77
Indiana	5.30	7.61	6.19	6.07	6.21	8.06	10.80
Iowa	5.35	6.50	5.70	6.43	6.50	8.10	8.91
Kansas	6.72	8.87	7.11	7.28	9.43	12.52	12.03
Kentucky	6.70	8.75	7.69	8.58	9.37	10.49	11.27
Louisiana	8.10	8.07	8.01	7.80	7.77	7.74	7.85
Maine	11.38	14.16	11.11	10.30	8.48	11.27	12.08
Maryland	8.37	9.80	10.23	9.37	9.78	10.88	11.37
Massachusetts	9.33	10.81	9.99	8.56	7.35	8.52	8.99
Michigan	6.54	7.51	6.61	6.85	7.48	9.06	9.19
Minnesota	6.13	7.31	6.12	6.21	6.44	7.74	8.05
Mississippi	7.98	7.86	7.76	8.02	7.85	7.88	7.71
Missouri	7.10	9.14	7.87	9.85	11.05	10.74	11.89
Montana	6.76	8.13	6.85	7.32	8.54	9.73	9.81
Nebraska	5.42	6.40	5.23	5.55	5.78	6.29	6.11
Nevada	7.34	8.66	7.37	7.82	8.58	9.10	9.07
New Hampshire	11.46	13.63	12.39	11.15	12.30	14.76	14.78
New Jersey	7.76	8.50	8.22	8.64	8.08	8.21	8.76
New Mexico	5.14	6.32	5.28	6.09	7.67	7.65	7.65
New York	6.57	6.86	6.78	6.32	6.24	5.96	5.72
North Carolina	6.65	8.27	9.83	8.40	7.96	9.38	9.04
North Dakota	5.20	6.62	5.17	5.61	6.11	7.82	8.76
Ohio	5.26	6.39	5.33	5.81	6.55	7.71	7.73
Oklahoma	5.40	8.12	6.07	10.65	14.04	14.68	15.00
Oregon	9.05	10.09	9.36	8.64	10.49	10.43	11.45
Pennsylvania	7.14	9.32	8.07	8.21	8.80	11.00	11.14
Rhode Island	10.37	11.99	10.97	12.89	15.76	17.13	17.02
South Carolina	7.83	8.49	10.21	8.47	8.08	8.40	8.16
South Dakota	5.05	6.22	5.38	5.37	5.78	7.20	7.28
Tennessee	6.93	8.46	8.32	8.71	8.92	9.36	9.85
Texas	5.97	6.95	6.56	7.29	7.71	7.75	7.67
Utah	7.46	7.97	7.53	7.33	7.33	7.29	7.30
Vermont	7.14	7.89	7.37	6.65	6.20	6.97	6.91
Virginia	6.95	8.13	7.94	7.59	8.04	8.93	8.60
Washington	7.82	9.77	8.08	8.33	10.28	10.55	11.44
West Virginia	7.25	9.14	7.64	7.93	9.95	11.47	11.89
Wisconsin	6.59	6.78	6.25	6.47	5.49	6.32	6.58
Wyoming	6.26	7.43	6.22	6.67	7.18	7.84	7.58
<b>Total</b>	<b>6.72</b>	<b>7.91</b>	<b>7.22</b>	<b>7.39</b>	<b>7.78</b>	<b>8.42</b>	<b>8.45</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	12.13	12.07	11.76	11.78	10.69	10.81	10.95
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	11.76	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	10.86	11.03	10.56	10.62	10.73	11.07	11.19
Georgia	9.20	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	6.83
Indiana	10.94	11.19	10.32	8.89	8.53	6.87	7.49
Iowa	8.42	7.30	6.48	6.23	6.44	6.22	6.55
Kansas	12.47	12.49	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	7.87	7.83	7.65	7.76	8.07	8.55	8.76
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	8.35	7.17	7.88
Mississippi	7.82	7.86	7.86	8.00	7.66	7.88	8.04
Missouri	11.91	11.17	10.38	9.34	8.18	8.70	8.84
Montana	9.79	9.16	8.28	8.24	8.04	8.25	8.45
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	7.85	7.53	7.03	6.41	6.22	6.21	6.45
Oklahoma	13.46	12.61	11.23	9.20	6.60	7.01	6.95
Oregon	11.07	11.27	11.09	10.00	10.74	10.45	10.07
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	8.45	8.50	8.06	8.38	7.86	8.15	8.96
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	7.54	6.57	6.89	6.66	6.41	6.54	7.25
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	11.05	10.64	10.16	10.12	10.14	10.11
West Virginia	11.48	12.44	10.70	9.54	8.97	8.88	8.87
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>8.02</b>	<b>7.84</b>	<b>7.81</b>	<b>8.14</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	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	4.47	3.35	4.39	4.31	4.28	4.31	4.11
Alaska	6.87	5.30	6.90	6.72	6.68	6.81	6.96
Arizona	6.25	5.77	7.06	6.89	6.34	6.20	5.98
Arkansas	6.68	5.69	7.36	6.70	6.53	6.81	6.63
California	7.68	6.37	6.59	7.07	7.11	7.25	7.77
Colorado	5.48	4.56	5.94	6.07	5.64	5.17	5.59
Connecticut	NA	6.15	6.58	5.84	6.45	NA	NA
Delaware	9.34	8.19	9.91	10.21	9.80	9.06	9.56
District of Columbia	--	--	--	--	--	--	--
Florida	6.19	5.79	6.62	6.05	6.07	5.96	6.49
Georgia	4.76	3.66	4.70	4.61	4.70	4.68	4.24
Hawaii	17.37	15.14	19.65	17.29	17.75	17.06	17.41
Idaho	4.58	5.45	6.01	4.63	4.48	4.61	4.56
Illinois	6.19	NA	5.65	6.71	R6.79	6.32	5.88
Indiana	NA	4.57	7.07	NA	6.29	7.00	5.67
Iowa	NA	NA	5.47	5.32	5.13	4.89	NA
Kansas	4.60	3.66	4.73	3.99	4.66	4.58	4.85
Kentucky	4.45	3.36	4.92	4.42	R4.31	4.36	4.11
Louisiana	NA	2.65	3.43	3.69	3.27	R3.10	NA
Maine	8.74	7.86	11.76	6.51	6.61	9.28	9.27
Maryland	NA	8.36	9.45	NA	NA	NA	8.68
Massachusetts	NA	7.97	10.13	7.59	NA	8.86	8.74
Michigan	6.02	5.78	6.81	6.52	6.48	6.16	5.94
Minnesota	4.54	3.93	5.33	4.33	4.12	4.28	4.31
Mississippi	NA	4.22	5.18	5.03	5.10	4.80	NA
Missouri	NA	5.81	7.75	5.96	6.28	6.34	6.99
Montana	6.22	5.72	6.95	6.13	6.17	5.67	6.43
Nebraska	NA	3.90	4.74	4.40	4.30	4.30	NA
Nevada	4.62	6.41	8.45	5.46	5.14	4.60	4.46
New Hampshire	9.25	8.43	11.54	7.14	7.98	8.88	9.13
New Jersey	NA	6.83	8.21	9.13	7.67	7.43	NA
New Mexico	4.50	3.68	4.71	4.35	4.28	4.11	4.47
New York	NA	6.11	7.05	NA	7.10	7.74	7.39
North Carolina	6.41	5.36	6.66	6.00	6.09	6.37	6.37
North Dakota	3.06	2.19	3.41	2.93	2.80	2.87	2.65
Ohio	NA	NA	5.40	7.16	NA	NA	NA
Oklahoma	6.77	NA	7.35	10.49	7.65	8.79	7.30
Oregon	5.46	5.79	6.49	5.51	5.40	5.41	5.56
Pennsylvania	NA	NA	8.57	9.09	NA	8.78	8.11
Rhode Island	8.39	8.62	9.17	8.43	8.55	8.67	8.39
South Carolina	5.07	4.05	4.95	4.91	4.78	4.71	4.54
South Dakota	5.23	4.53	5.55	5.36	5.30	4.66	5.09
Tennessee	5.31	4.19	5.45	5.03	4.95	5.02	5.13
Texas	3.39	2.19	3.03	3.51	3.37	3.34	2.81
Utah	5.62	5.75	6.35	5.03	5.14	5.70	5.87
Vermont	5.31	5.05	5.66	4.68	4.78	5.04	5.34
Virginia	4.87	4.09	5.35	5.14	4.79	4.63	4.44
Washington	7.41	7.45	9.36	7.39	7.52	7.52	7.36
West Virginia	NA	NA	3.38	2.02	NA	1.99	2.17
Wisconsin	5.60	5.03	6.08	4.74	4.68	5.82	5.33
Wyoming	NA	3.76	5.66	4.24	3.96	4.24	4.37
<b>Total</b>	<b>4.33</b>	<b>3.20</b>	<b>4.24</b>	<b>4.09</b>	<b>R4.07</b>	<b>R4.15</b>	<b>4.02</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			
	February	January	Total	December	November	October	September
Alabama	4.67	5.08	NA	NA	4.32	4.24	NA
Alaska	6.99	6.99	5.06	5.21	4.83	4.53	4.45
Arizona	6.07	6.21	5.75	5.89	5.77	5.56	5.51
Arkansas	6.70	6.73	5.75	6.61	6.32	5.13	5.12
California	8.03	8.45	6.90	8.58	7.59	7.38	7.47
Colorado	5.47	5.35	NA	4.79	5.17	NA	NA
Connecticut	7.99	7.25	6.09	6.09	5.63	5.98	6.08
Delaware	9.10	8.93	NA	9.10	NA	NA	11.94
District of Columbia	--	--	--	--	--	--	--
Florida	6.44	6.11	5.71	5.54	5.71	6.07	5.29
Georgia	4.95	5.41	4.01	4.76	4.28	4.33	4.42
Hawaii	17.83	16.90	15.70	16.57	16.80	15.85	15.65
Idaho	4.63	4.56	5.19	4.51	4.61	4.62	5.40
Illinois	6.16	6.13	NA	5.16	5.76	5.66	NA
Indiana	6.05	5.80	4.87	5.15	5.23	4.91	5.72
Iowa	5.04	5.05	NA	4.97	4.51	4.76	4.78
Kansas	6.45	6.27	3.64	5.21	4.49	3.59	3.65
Kentucky	4.62	4.87	3.67	4.38	4.17	4.05	3.87
Louisiana	NA	4.45	NA	NA	NA	3.50	3.33
Maine	9.35	9.33	7.69	9.45	8.83	5.99	6.13
Maryland	10.00	9.67	8.87	9.04	9.55	10.78	10.05
Massachusetts	9.02	8.80	7.94	9.03	8.76	7.46	6.51
Michigan	6.05	5.82	NA	5.71	5.62	6.20	NA
Minnesota	4.73	5.01	4.09	4.54	4.25	4.19	4.11
Mississippi	NA	5.67	4.38	4.74	4.85	4.63	4.54
Missouri	NA	7.45	6.02	6.68	6.42	5.79	5.87
Montana	6.52	6.17	5.65	5.76	5.54	5.45	5.67
Nebraska	5.20	4.69	3.95	4.42	4.17	3.92	3.99
Nevada	4.37	4.35	5.89	4.59	5.06	5.20	5.87
New Hampshire	10.27	10.13	8.59	10.11	9.06	7.58	8.06
New Jersey	NA	NA	NA	7.94	7.89	7.00	7.57
New Mexico	5.27	4.96	4.17	4.85	4.28	4.71	4.53
New York	7.35	6.81	5.97	6.17	5.71	5.58	5.30
North Carolina	6.68	6.69	5.39	6.07	5.42	5.23	5.23
North Dakota	3.43	3.93	2.57	3.38	2.80	2.86	2.82
Ohio	5.10	5.34	NA	5.14	5.66	6.30	6.67
Oklahoma	6.45	5.53	NA	6.11	9.58	8.10	8.82
Oregon	5.52	5.37	5.73	5.50	5.82	5.74	5.65
Pennsylvania	8.01	7.88	NA	7.72	8.32	8.43	8.62
Rhode Island	8.35	8.06	8.70	8.00	8.83	9.01	9.16
South Carolina	5.22	6.20	4.46	5.63	5.06	4.75	4.63
South Dakota	5.43	5.36	4.78	4.78	4.94	5.09	6.12
Tennessee	5.71	5.86	4.40	5.27	4.76	4.67	4.46
Texas	3.44	3.84	2.65	3.35	2.94	3.22	3.16
Utah	5.97	6.02	5.51	5.88	5.17	4.96	4.93
Vermont	5.67	6.02	5.20	5.68	5.20	5.13	5.14
Virginia	5.33	5.11	4.16	4.51	4.20	4.15	4.20
Washington	7.59	7.19	7.39	7.30	7.17	7.12	7.26
West Virginia	2.37	2.14	NA	2.22	2.12	2.21	2.06
Wisconsin	5.54	6.31	5.03	5.64	5.33	4.63	4.60
Wyoming	4.52	NA	3.96	4.58	4.64	4.27	3.93
<b>Total</b>	<b>4.62</b>	<b>4.90</b>	<b>3.51</b>	<b>4.31</b>	<b>3.86</b>	<b>3.87</b>	<b>3.73</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						
	August	July	June	May	April	March	February
Alabama	3.81	3.98	3.34	2.97	3.22	3.21	3.66
Alaska	5.64	5.17	4.58	3.69	6.36	6.75	6.74
Arizona	6.02	5.76	4.93	5.59	5.72	5.86	6.17
Arkansas	5.96	5.35	5.46	5.29	5.35	5.85	5.86
California	7.02	6.40	5.89	5.93	5.79	6.77	7.01
Colorado	7.03	6.21	5.50	4.28	4.39	4.99	4.53
Connecticut	6.17	6.19	6.05	6.58	6.84	5.84	5.71
Delaware	10.31	8.99	8.77	8.62	7.85	8.29	7.98
District of Columbia	--	--	--	--	--	--	--
Florida	5.71	5.39	5.25	5.14	5.66	6.22	6.05
Georgia	4.25	4.14	3.54	3.50	3.45	3.46	3.95
Hawaii	16.03	16.51	16.92	15.05	14.45	13.73	14.45
Idaho	5.46	5.43	5.46	5.44	5.50	5.46	5.46
Illinois	7.08	NA	5.43	NA	4.89	4.69	4.50
Indiana	5.93	5.70	4.96	4.10	4.39	4.67	4.85
Iowa	4.18	4.49	4.28	3.92	4.28	4.68	NA
Kansas	3.51	3.44	3.27	3.34	3.40	4.24	6.18
Kentucky	3.59	3.89	2.91	3.26	2.87	3.38	3.71
Louisiana	3.15	3.37	2.47	2.55	2.48	2.39	2.92
Maine	5.99	5.58	5.55	5.78	8.46	8.51	8.52
Maryland	12.61	13.92	9.88	7.42	7.63	8.62	8.52
Massachusetts	6.80	6.76	6.59	7.79	8.04	7.98	8.36
Michigan	6.06	6.39	6.00	5.76	5.59	5.61	5.96
Minnesota	4.09	4.31	3.61	3.51	3.42	3.80	4.25
Mississippi	4.52	3.89	3.88	3.75	4.03	4.31	4.55
Missouri	6.09	6.70	5.78	5.29	5.77	5.84	6.02
Montana	6.32	4.84	6.18	4.82	5.40	5.52	6.27
Nebraska	3.89	3.60	3.29	3.20	3.69	4.23	4.23
Nevada	5.79	6.51	6.10	5.99	6.21	6.73	6.65
New Hampshire	8.21	8.24	7.14	7.48	7.90	7.98	8.96
New Jersey	NA	NA	7.12	6.12	5.60	7.52	6.81
New Mexico	4.27	3.91	3.49	3.38	3.45	3.75	4.05
New York	5.75	5.61	5.60	5.77	5.93	6.25	6.29
North Carolina	5.16	5.11	5.05	5.07	5.29	5.66	5.57
North Dakota	3.68	2.98	2.09	1.91	2.09	2.10	2.83
Ohio	6.71	NA	NA	5.53	NA	4.20	4.29
Oklahoma	NA	NA	NA	9.14	8.07	5.61	5.42
Oregon	5.72	5.58	6.81	5.40	5.50	5.84	5.78
Pennsylvania	5.77	9.13	NA	NA	6.72	7.21	6.81
Rhode Island	9.22	8.91	8.76	8.91	8.77	8.40	8.44
South Carolina	4.50	4.73	3.80	3.78	3.41	3.79	4.46
South Dakota	6.01	5.20	4.78	4.33	4.10	4.50	4.51
Tennessee	4.31	4.38	3.65	3.75	3.80	4.24	4.73
Texas	3.01	2.98	2.16	2.14	2.08	1.88	2.39
Utah	5.00	5.02	5.10	5.14	5.68	5.97	6.44
Vermont	5.31	5.61	4.97	5.13	4.93	4.96	5.17
Virginia	4.28	3.91	4.06	3.84	3.56	4.13	4.22
Washington	7.69	7.67	8.07	7.25	7.31	7.39	7.64
West Virginia	2.00	2.03	2.11	2.02	2.76	NA	2.35
Wisconsin	4.28	4.63	3.44	3.97	5.05	4.94	5.45
Wyoming	3.93	3.60	3.65	3.70	3.65	3.68	3.82
<b>Total</b>	<b>3.58</b>	<b>3.57</b>	<b>2.89</b>	<b>2.90</b>	<b>2.99</b>	<b>3.04</b>	<b>3.63</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
	January	Total	December	November	October	September	August
Alabama	3.65	4.08	3.61	3.45	3.61	3.82	4.05
Alaska	4.88	6.86	6.84	6.77	6.85	6.83	6.82
Arizona	6.46	6.78	6.39	6.30	6.32	6.58	6.55
Arkansas	5.96	6.91	5.64	5.99	6.43	6.44	6.59
California	6.66	6.41	6.99	5.83	5.94	6.15	6.12
Colorado	4.24	5.74	4.52	5.20	6.03	6.22	6.65
Connecticut	6.10	6.35	6.58	5.85	5.75	6.58	5.64
Delaware	8.14	10.11	8.32	9.62	11.15	11.40	11.38
District of Columbia	--	--	--	--	--	--	--
Florida	6.30	6.43	6.10	6.22	6.30	6.09	6.04
Georgia	4.02	4.42	3.86	3.76	4.14	4.28	4.38
Hawaii	16.17	19.03	15.06	17.68	17.99	19.09	19.29
Idaho	5.41	5.83	5.40	4.93	5.77	5.93	6.09
Illinois	4.24	5.47	4.65	4.59	5.39	6.19	5.96
Indiana	4.44	6.36	4.79	4.42	4.27	5.21	5.85
Iowa	5.30	5.28	4.61	5.26	4.56	6.17	5.11
Kansas	6.67	4.24	5.61	4.62	4.18	3.90	3.95
Kentucky	3.86	4.45	3.65	3.51	3.86	3.94	4.13
Louisiana	3.06	3.31	2.98	2.74	3.14	3.29	3.47
Maine	8.46	8.95	8.50	8.20	4.56	4.72	4.81
Maryland	8.37	9.70	10.84	10.90	9.52	8.76	9.99
Massachusetts	8.21	9.22	8.90	7.31	5.51	6.26	6.91
Michigan	5.82	6.60	5.78	5.76	6.33	6.75	7.02
Minnesota	4.30	4.87	4.24	4.13	4.24	4.17	4.68
Mississippi	4.62	4.75	4.18	4.31	4.27	4.52	4.00
Missouri	5.80	7.58	6.91	6.97	7.17	7.96	7.29
Montana	5.88	6.53	5.54	6.16	5.87	7.00	5.93
Nebraska	4.32	4.56	4.79	4.08	4.12	4.27	4.33
Nevada	6.49	8.07	6.61	7.12	7.72	8.58	8.16
New Hampshire	9.60	10.33	9.87	7.53	5.48	5.10	6.05
New Jersey	7.02	8.09	7.52	7.09	7.34	8.31	8.75
New Mexico	4.24	4.62	4.26	4.60	4.69	4.70	4.60
New York	6.28	6.62	6.27	6.01	5.57	5.83	5.33
North Carolina	5.30	6.34	5.87	5.73	6.04	6.14	5.87
North Dakota	2.43	3.13	2.88	2.58	2.76	2.81	2.95
Ohio	4.46	5.35	4.65	4.74	5.61	6.64	6.09
Oklahoma	9.95	7.51	6.18	7.90	9.90	12.85	8.77
Oregon	5.61	6.28	5.50	5.58	6.41	6.38	6.39
Pennsylvania	7.07	8.59	7.62	8.47	8.93	10.37	10.35
Rhode Island	8.61	9.26	8.22	9.48	9.92	9.79	10.09
South Carolina	5.12	4.64	4.25	4.09	4.26	4.37	4.59
South Dakota	4.83	5.34	4.56	4.56	5.13	6.04	5.73
Tennessee	4.65	5.06	4.58	4.47	4.45	4.63	4.79
Texas	2.45	2.89	2.38	2.28	2.77	2.95	3.13
Utah	6.07	5.93	6.01	5.35	5.24	5.30	5.32
Vermont	5.14	5.50	5.81	5.42	5.58	4.65	4.53
Virginia	4.51	5.02	4.48	3.95	4.69	4.86	4.56
Washington	7.30	8.91	7.30	7.89	8.70	9.23	9.33
West Virginia	2.17	3.17	2.58	2.13	3.21	3.19	3.23
Wisconsin	5.74	5.65	5.43	5.37	4.69	4.56	4.91
Wyoming	3.95	5.07	4.01	4.63	4.56	4.75	4.75
<b>Total</b>	<b>3.62</b>	<b>3.91</b>	<b>3.45</b>	<b>3.26</b>	<b>3.52</b>	<b>3.63</b>	<b>3.77</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	3.96	4.08	3.69	4.13	4.69	4.95	4.66
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	7.68
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	6.10	5.85	5.86	5.93	6.01	6.14	6.16
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	5.45	4.77	4.76	4.47	5.67	5.63	6.40
Kansas	4.00	4.08	4.17	4.43	5.75	5.82	6.98
Kentucky	4.43	4.60	4.27	4.51	5.22	5.21	5.37
Louisiana	3.44	3.39	2.93	3.22	3.48	3.66	3.87
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	4.55	5.82	5.83	5.89
Mississippi	4.54	4.36	4.46	4.75	5.75	5.49	6.16
Missouri	7.88	7.52	7.33	7.95	7.79	7.65	7.92
Montana	6.41	4.89	6.49	7.00	7.25	7.38	8.18
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	7.05	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	6.30	6.25	6.29	6.25	6.65	6.72	6.69
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	4.56	4.19	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	4.83	4.99	5.69	5.75	6.18
Texas	3.07	3.04	2.82	2.88	3.00	3.10	3.37
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	10.04	9.45	9.21	9.55	8.91	9.40	9.63
West Virginia	3.22	3.18	3.16	3.29	3.49	3.37	3.79
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>3.73</b>	<b>3.74</b>	<b>3.56</b>	<b>3.94</b>	<b>4.43</b>	<b>4.71</b>	<b>4.87</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	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	W	W	W	W	W	W	W
Alaska	8.09	6.54	5.43	8.09	8.09	8.09	8.09
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	W	W	3.57	W	W	W	W
Colorado	W	W	W	W	W	W	W
Connecticut	W	3.96	5.89	W	W	W	W
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	4.33	W	3.59	4.02
Georgia	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	--	2.96	4.07	--	--	--	--
Illinois	W	W	W	3.06	W	W	W
Indiana	W	W	W	W	W	W	W
Iowa	3.67	2.48	3.79	2.67	2.84	2.85	4.71
Kansas	3.91	3.24	4.18	3.43	4.10	3.88	3.52
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	W	W	W	W	--	W	W
Maryland	4.01	3.08	W	3.25	3.37	3.40	4.90
Massachusetts	W	2.80	6.03	2.65	3.36	3.24	4.37
Michigan	3.35	2.41	3.51	3.24	3.44	3.45	3.16
Minnesota	3.72	W	W	3.69	3.60	3.40	3.35
Mississippi	W	W	W	W	W	W	W
Missouri	3.12	W	W	3.22	3.40	3.03	2.59
Montana	2.25	--	--	2.10	2.49	2.22	2.09
Nebraska	4.50	3.02	3.86	3.51	4.03	4.37	5.17
Nevada	3.75	2.60	3.48	3.48	3.49	3.74	3.60
New Hampshire	W	W	W	W	W	W	W
New Jersey	3.32	2.20	4.20	2.42	3.24	3.34	3.45
New Mexico	3.66	2.69	3.32	3.51	3.69	3.85	3.27
New York	3.96	2.67	4.65	2.96	3.29	3.39	4.26
North Carolina	W	W	W	W	W	W	W
North Dakota	5.12	2.25	2.75	4.36	4.37	4.42	5.52
Ohio	3.26	2.03	2.67	3.06	3.22	3.28	2.93
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	3.09	1.93	3.39	2.39	3.00	3.00	2.86
Rhode Island	W	W	W	W	W	W	W
South Carolina	W	W	W	W	W	W	W
South Dakota	--	2.20	3.20	--	--	--	--
Tennessee	3.15	2.23	2.95	3.07	2.96	3.04	3.00
Texas	3.21	2.28	3.03	3.17	3.29	3.22	3.02
Utah	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--
Virginia	W	W	W	3.10	3.59	3.67	W
Washington	4.55	W	W	5.16	3.85	3.67	3.74
West Virginia	W	2.03	W	W	W	3.36	W
Wisconsin	W	W	W	W	W	W	W
Wyoming	W	10.62	6.34	W	W	W	10.87
<b>Total</b>	<b>3.67</b>	<b>2.69</b>	<b>3.75</b>	<b>3.41</b>	<b>3.62</b>	<b>3.49</b>	<b>3.52</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			
	February	January	Total	December	November	October	September
Alabama	W	W	W	W	W	W	W
Alaska	8.09	8.09	6.65	7.21	6.91	6.86	6.52
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	W	W	3.22	4.05	3.27	3.43	3.59
Colorado	W	W	W	W	W	W	W
Connecticut	5.84	8.10	3.67	5.49	3.34	2.45	2.92
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	4.38	4.92	3.86	W	W	W	W
Georgia	W	W	3.08	W	3.15	3.59	3.59
Hawaii	--	--	--	--	--	--	--
Idaho	--	--	2.92	4.05	4.66	4.78	3.38
Illinois	W	W	2.88	W	W	3.18	3.29
Indiana	W	W	W	W	W	W	W
Iowa	4.85	5.12	2.81	3.83	3.02	3.00	3.00
Kansas	4.82	4.92	3.48	5.05	3.28	3.96	3.52
Kentucky	5.96	W	W	W	W	W	W
Louisiana	W	W	2.76	W	W	W	W
Maine	W	W	W	W	--	W	W
Maryland	4.25	5.50	2.97	4.98	3.67	2.75	2.47
Massachusetts	W	W	3.22	7.03	4.59	3.36	2.97
Michigan	3.18	3.63	2.81	3.93	2.77	3.19	3.32
Minnesota	3.49	4.49	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	3.05	3.43	W	W	W	W	W
Montana	2.25	2.36	--	--	--	--	--
Nebraska	6.48	5.61	3.31	4.75	3.17	3.54	3.70
Nevada	3.80	4.37	3.02	3.77	3.35	3.46	3.39
New Hampshire	W	W	W	W	W	W	W
New Jersey	3.64	4.06	2.20	4.01	2.45	1.86	1.70
New Mexico	3.65	4.02	3.07	4.21	3.06	3.30	3.43
New York	4.54	5.41	2.76	5.47	2.95	1.98	2.18
North Carolina	W	W	W	W	W	W	W
North Dakota	4.80	6.31	2.74	3.58	2.74	3.10	3.07
Ohio	3.26	3.84	2.36	3.41	2.32	2.30	2.59
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	3.21	4.12	1.95	3.52	2.10	1.29	1.51
Rhode Island	W	W	W	W	W	W	W
South Carolina	W	W	W	W	W	W	W
South Dakota	--	--	2.62	3.92	2.50	3.38	3.39
Tennessee	3.09	3.82	2.61	3.44	2.84	3.15	2.91
Texas	3.12	3.47	2.67	3.44	2.71	3.24	3.13
Utah	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--
Virginia	W	W	W	W	W	W	W
Washington	5.57	4.95	W	W	W	W	W
West Virginia	W	W	W	5.87	2.83	1.69	1.97
Wisconsin	W	W	W	W	W	W	W
Wyoming	W	4.04	8.29	8.65	12.43	4,893.63	10.24
<b>Total</b>	<b>3.74</b>	<b>4.32</b>	<b>2.99</b>	<b>4.16</b>	<b>3.14</b>	<b>3.24</b>	<b>3.19</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						
	August	July	June	May	April	March	February
Alabama	W	W	W	W	W	W	W
Alaska	6.49	6.81	7.10	6.43	6.47	6.34	6.43
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	3.45	3.48	2.98	W	2.47	2.59	2.85
Colorado	W	W	W	W	W	W	W
Connecticut	3.09	3.13	2.33	2.39	2.74	4.63	5.63
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	3.95	3.72	3.43	W	W	W	W
Georgia	3.33	3.30	3.03	2.44	2.40	2.23	W
Hawaii	--	--	--	--	--	--	--
Idaho	2.89	2.83	2.47	2.41	11.72	2.26	2.25
Illinois	3.07	3.05	W	2.25	2.24	2.31	W
Indiana	W	W	W	W	W	W	W
Iowa	2.94	2.83	2.63	2.10	2.61	2.23	2.57
Kansas	3.53	3.26	3.07	3.15	3.16	2.84	4.22
Kentucky	W	W	W	W	W	W	3.35
Louisiana	W	3.08	2.63	W	W	W	W
Maine	W	W	W	W	W	W	W
Maryland	2.97	2.94	3.01	2.50	2.40	2.69	5.64
Massachusetts	3.18	2.86	2.34	2.11	2.99	1.99	3.46
Michigan	3.12	3.04	2.75	2.28	2.31	2.14	2.37
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	--	--	--	--	--	--	--
Nebraska	3.48	3.41	3.32	2.77	2.44	2.34	2.81
Nevada	3.23	3.38	2.57	2.54	2.40	2.30	2.78
New Hampshire	W	W	W	W	W	W	W
New Jersey	1.92	2.09	2.13	1.95	1.76	1.62	2.83
New Mexico	3.30	3.31	2.87	2.47	2.69	2.56	2.57
New York	2.54	2.75	2.38	2.12	2.36	2.22	3.41
North Carolina	W	W	W	W	W	W	W
North Dakota	2.98	2.88	2.63	2.04	2.09	1.90	2.22
Ohio	2.55	2.80	2.32	2.03	2.01	1.63	2.00
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	1.68	1.86	1.90	1.65	1.61	1.43	2.33
Rhode Island	W	2.92	W	2.23	W	W	W
South Carolina	W	W	W	W	W	W	W
South Dakota	2.94	2.87	2.53	2.10	2.07	1.82	2.08
Tennessee	2.69	2.74	2.37	1.96	1.96	2.05	2.33
Texas	2.94	2.95	2.62	2.17	2.14	1.91	2.19
Utah	W	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--
Virginia	W	W	W	W	W	W	W
Washington	W	W	W	W	W	W	W
West Virginia	W	3.21	2.00	2.03	2.12	1.92	2.07
Wisconsin	W	W	W	W	W	W	W
Wyoming	5.57	--	17.60	12.15	5.88	4.39	7.69
<b>Total</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>	<b>2.83</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
	January	Total	December	November	October	September	August
Alabama	W	3.06	W	W	2.78	3.07	3.13
Alaska	6.47	5.40	5.44	5.48	5.45	5.48	5.21
Arizona	W	3.43	W	W	W	W	3.47
Arkansas	W	W	W	W	W	W	W
California	3.08	3.39	2.95	2.94	3.18	3.29	3.52
Colorado	W	3.81	W	W	W	W	W
Connecticut	6.12	4.73	5.06	5.14	3.17	3.08	2.69
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	4.41	3.98	3.90	4.31	4.46	4.45
Georgia	W	3.27	W	2.64	2.85	3.31	3.36
Hawaii	--	--	--	--	--	--	--
Idaho	2.67	2.89	2.41	2.72	2.92	3.01	2.92
Illinois	W	W	W	W	W	3.12	W
Indiana	W	W	W	W	W	W	W
Iowa	2.96	3.23	2.60	5.06	2.89	2.98	3.12
Kansas	4.26	3.95	4.66	4.03	4.88	3.68	3.70
Kentucky	W	W	W	2.50	W	W	W
Louisiana	W	W	W	W	W	W	3.20
Maine	W	W	W	W	W	W	W
Maryland	3.59	4.06	3.13	3.11	3.05	3.18	4.07
Massachusetts	4.73	4.38	2.53	3.62	4.31	4.14	3.08
Michigan	2.66	3.21	2.17	2.56	2.91	3.32	3.40
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	--	--	--	--	--	--	--
Nebraska	3.52	3.97	3.63	3.37	3.22	3.38	5.08
Nevada	2.98	3.34	3.00	2.85	3.24	3.30	3.38
New Hampshire	W	W	W	W	W	W	W
New Jersey	3.02	2.96	1.71	1.80	2.00	2.08	2.20
New Mexico	2.91	3.21	2.46	2.64	3.11	3.13	3.28
New York	3.76	3.51	2.96	2.69	2.60	2.51	2.61
North Carolina	W	W	W	W	W	W	W
North Dakota	2.45	2.89	2.07	2.08	2.67	3.09	3.03
Ohio	2.20	2.42	1.91	2.09	2.17	2.26	2.25
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	2.70	2.52	1.55	1.59	1.71	2.00	1.80
Rhode Island	W	W	W	3.50	3.74	2.78	2.42
South Carolina	W	W	W	W	W	W	W
South Dakota	2.57	3.31	2.25	2.92	2.90	3.31	4.23
Tennessee	2.58	2.74	2.33	2.31	2.47	2.61	2.71
Texas	2.53	2.88	2.23	2.30	2.66	2.88	3.01
Utah	2.81	W	W	W	W	W	W
Vermont	--	--	--	--	--	--	--
Virginia	W	3.55	W	W	W	W	W
Washington	W	W	W	W	W	W	W
West Virginia	2.22	W	1.52	1.90	W	W	1.94
Wisconsin	W	W	W	W	W	W	W
Wyoming	13.31	5.18	7.01	4.13	5.08	4.46	6.95
<b>Total</b>	<b>3.17</b>	<b>3.37</b>	<b>2.71</b>	<b>2.78</b>	<b>3.03</b>	<b>3.19</b>	<b>3.22</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	3.25	3.17	3.26	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	3.53	3.51	3.44	3.34	3.50	3.73	3.91
Colorado	W	W	W	W	W	W	4.72
Connecticut	2.48	2.19	2.30	2.99	6.91	12.82	8.77
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	4.43	4.52	4.39	W	W	4.78	W
Georgia	3.40	3.38	3.57	3.28	3.42	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	3.06	3.07	3.18	2.98	3.43	4.70	4.98
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	W	W	W	W	W	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	12.21
Michigan	3.30	3.18	3.25	3.24	3.57	4.11	3.61
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	--	--	--	--	--	--	--
Nebraska	3.81	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	2.07	2.34	2.32	2.43	3.67	9.88	5.80
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	2.87	2.70	2.71	2.75	2.73	2.93	2.74
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	2.66	2.85	3.12	3.24
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	W	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	3.09	3.26
Utah	W	W	W	W	W	3.37	W
Vermont	--	--	--	--	--	--	--
Virginia	W	W	2.82	W	W	W	W
Washington	W	W	W	3.50	4.41	3.46	4.63
West Virginia	2.07	2.48	2.41	W	2.64	W	2.95
Wisconsin	W	W	W	W	W	W	W
Wyoming	5.28	4.77	3.80	15.03	5.54	9.15	5.89
<b>Total</b>	<b>3.23</b>	<b>3.24</b>	<b>3.28</b>	<b>3.23</b>	<b>3.71</b>	<b>4.99</b>	<b>4.29</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.

-- Not applicable.

W Withheld.

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

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

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

State	2017 6-Month YTD			2016 6-Month YTD			2015 6-Month YTD		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	NA	NA	26.4	100.0	79.1	23.7	100.0	80.9	23.8
Alaska	100.0	98.9	100.0	100.0	98.7	100.0	100.0	97.7	100.0
Arizona	NA	83.3	14.0	100.0	84.3	15.2	100.0	84.9	16.0
Arkansas	90.9	NA	1.6	100.0	42.9	1.5	100.0	49.9	1.9
California	NA	55.0	4.3	95.0	52.9	4.2	94.6	51.2	4.0
Colorado	100.0	93.6	7.6	100.0	94.4	8.3	100.0	94.6	8.3
Connecticut	96.3	77.4	NA	96.3	NA	48.8	96.5	77.8	47.3
Delaware	100.0	41.0	NA	100.0	43.1	0.3	100.0	51.8	0.4
District of Columbia	NA	19.6	0.0	73.8	20.6	--	74.0	23.2	0.0
Florida	90.8	29.5	3.6	92.8	30.8	3.4	97.8	31.5	3.4
Georgia	100.0	100.0	26.3	100.0	100.0	22.0	100.0	100.0	21.3
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	78.7	2.7	100.0	75.9	2.4	100.0	75.6	2.7
Illinois	85.4	35.1	6.8	86.0	36.1	NA	86.0	38.5	7.5
Indiana	95.7	65.5	NA	95.7	67.3	2.0	95.8	69.1	2.4
Iowa	100.0	70.0	NA	100.0	71.8	NA	100.0	72.2	3.6
Kansas	NA	NA	4.4	100.0	57.9	5.2	100.0	63.7	5.7
Kentucky	96.5	78.8	19.5	96.5	80.0	17.8	96.1	81.5	16.4
Louisiana	100.0	NA	NA	100.0	79.2	3.3	100.0	80.5	3.3
Maine	100.0	62.4	9.9	100.0	59.4	NA	100.0	56.7	4.5
Maryland	NA	NA	NA	73.8	27.7	8.3	72.7	29.7	10.4
Massachusetts	98.4	NA	NA	99.0	45.0	24.8	99.5	49.9	30.4
Michigan	93.2	57.5	7.4	92.6	57.5	7.4	92.8	58.7	9.0
Minnesota	100.0	89.3	16.4	100.0	85.1	15.7	100.0	85.3	16.4
Mississippi	87.6	84.1	NA	NA	85.5	9.6	99.7	87.4	9.6
Missouri	100.0	NA	NA	100.0	74.5	12.7	100.0	74.2	15.0
Montana	99.4	52.9	2.0	99.6	50.8	NA	99.7	54.7	1.6
Nebraska	87.6	57.3	NA	87.8	60.3	7.2	88.2	58.5	8.1
Nevada	100.0	62.3	15.7	100.0	61.5	13.9	100.0	60.5	13.3
New Hampshire	100.0	55.3	6.5	100.0	55.0	NA	100.0	60.3	12.9
New Jersey	94.5	NA	NA	94.3	41.7	7.2	93.2	47.1	9.5
New Mexico	100.0	58.3	NA	100.0	59.1	6.4	100.0	60.0	5.5
New York	100.0	NA	NA	100.0	100.0	6.7	100.0	100.0	7.0
North Carolina	100.0	NA	11.7	100.0	84.9	11.5	100.0	86.1	11.6
North Dakota	100.0	93.4	36.7	100.0	93.4	31.5	100.0	93.8	41.5
Ohio	NA	NA	NA	100.0	100.0	NA	100.0	100.0	2.5
Oklahoma	100.0	46.7	0.7	100.0	46.1	NA	100.0	50.0	0.9
Oregon	100.0	94.8	16.2	100.0	94.4	15.5	100.0	95.5	16.8
Pennsylvania	NA	NA	NA	87.3	38.3	NA	86.1	42.6	1.5
Rhode Island	100.0	52.5	NA	100.0	52.4	3.6	100.0	54.4	6.6
South Carolina	100.0	91.4	41.1	100.0	92.2	41.7	100.0	92.5	42.7
South Dakota	100.0	82.2	4.7	100.0	81.5	5.2	100.0	82.2	5.2
Tennessee	100.0	88.7	23.4	100.0	89.3	28.4	100.0	91.1	29.9
Texas	NA	NA	NA	NA	NA	40.7	99.8	74.4	40.6
Utah	100.0	75.0	4.5	100.0	78.3	6.1	100.0	78.5	8.0
Vermont	100.0	NA	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	NA	NA	11.0	89.9	54.1	10.3	89.6	57.0	11.8
Washington	100.0	NA	7.2	NA	NA	6.8	100.0	85.2	6.5
West Virginia	100.0	53.0	NA	100.0	54.8	NA	100.0	59.5	16.7
Wisconsin	100.0	73.7	16.5	100.0	73.6	16.8	100.0	74.8	18.4
Wyoming	71.4	50.4	NA	72.0	50.6	2.0	71.8	51.0	1.9
<b>Total</b>	<b>95.7</b>	<b>66.9</b>	<b>14.7</b>	<b>95.8</b>	<b>66.8</b>	<b>15.0</b>	<b>95.6</b>	<b>68.2</b>	<b>15.2</b>

See footnotes at end of table.

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

State	2017								
	June			May			April		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	NA	NA	26.2	100.0	NA	25.4	100.0	NA	26.6
Alaska	100.0	97.4	100.0	100.0	98.0	100.0	100.0	98.8	100.0
Arizona	100.0	81.3	12.6	100.0	80.3	14.6	100.0	81.9	15.1
Arkansas	30.2	25.1	1.3	100.0	NA	1.4	100.0	35.8	1.3
California	94.7	51.7	3.6	95.2	55.1	3.7	94.7	54.0	3.8
Colorado	100.0	90.4	5.3	100.0	92.2	6.2	100.0	92.6	7.5
Connecticut	95.4	72.4	47.8	95.1	72.7	49.4	96.1	76.9	NA
Delaware	100.0	29.3	0.2	100.0	32.5	0.5	100.0	43.7	NA
District of Columbia	69.8	16.0	0.0	72.0	17.5	0.0	74.7	14.7	0.0
Florida	91.7	29.0	3.5	90.8	28.5	3.5	90.2	29.4	3.9
Georgia	100.0	100.0	27.2	100.0	100.0	25.1	100.0	100.0	25.6
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	58.7	2.9	100.0	62.2	2.6	100.0	74.2	2.4
Illinois	83.8	22.9	3.0	82.4	26.3	3.8	82.9	30.0	5.0
Indiana	95.5	54.6	NA	95.5	58.7	1.2	95.2	59.6	1.4
Iowa	100.0	52.8	1.9	100.0	61.1	2.0	100.0	64.9	2.4
Kansas	100.0	36.5	12.1	NA	NA	3.2	100.0	51.5	3.9
Kentucky	96.9	67.3	20.3	96.7	70.6	19.1	95.4	73.6	18.7
Louisiana	100.0	NA	NA	100.0	78.0	3.0	100.0	81.1	3.3
Maine	100.0	53.2	6.4	100.0	56.2	8.7	100.0	64.6	10.3
Maryland	NA	20.1	NA	NA	NA	NA	NA	NA	NA
Massachusetts	98.0	31.2	21.5	98.0	NA	NA	98.2	NA	25.2
Michigan	93.4	38.4	2.8	92.5	45.9	3.7	93.2	58.4	6.8
Minnesota	100.0	73.9	11.2	100.0	82.4	13.7	100.0	86.7	15.6
Mississippi	100.0	78.4	8.5	100.0	80.6	8.6	43.4	81.8	8.1
Missouri	100.0	62.5	9.3	100.0	65.2	9.9	100.0	70.5	12.6
Montana	99.3	43.6	1.0	99.4	49.3	1.4	99.4	50.5	2.0
Nebraska	87.8	45.2	6.6	86.9	49.2	5.3	88.1	56.0	6.9
Nevada	100.0	52.8	10.2	100.0	52.0	12.5	100.0	56.9	15.7
New Hampshire	100.0	47.7	3.7	100.0	50.8	4.3	100.0	54.9	6.2
New Jersey	94.7	NA	NA	94.7	34.2	3.4	94.6	45.0	NA
New Mexico	100.0	52.7	9.1	100.0	52.8	7.0	100.0	53.6	NA
New York	100.0	100.0	NA	100.0	100.0	5.5	100.0	NA	6.4
North Carolina	100.0	NA	9.6	100.0	77.8	9.4	100.0	78.0	11.9
North Dakota	100.0	86.1	35.6	100.0	89.5	41.5	100.0	92.5	40.4
Ohio	100.0	100.0	0.6	NA	100.0	NA	100.0	100.0	NA
Oklahoma	100.0	31.9	0.2	100.0	34.8	0.4	100.0	38.5	0.3
Oregon	100.0	92.5	13.8	100.0	93.2	14.5	100.0	93.9	15.7
Pennsylvania	87.3	27.8	0.3	87.9	31.2	NA	87.0	NA	0.9
Rhode Island	100.0	47.9	4.1	100.0	48.5	4.0	100.0	50.5	3.3
South Carolina	100.0	90.3	40.5	100.0	90.0	40.8	100.0	89.9	41.3
South Dakota	100.0	71.1	2.3	100.0	77.9	2.8	100.0	79.5	3.9
Tennessee	100.0	81.8	22.4	100.0	82.3	22.5	100.0	86.6	23.0
Texas	99.8	64.7	38.9	99.8	NA	38.4	99.8	65.4	39.5
Utah	100.0	60.5	5.1	100.0	66.1	4.8	100.0	70.9	4.3
Vermont	100.0	NA	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	86.1	40.3	7.5	NA	NA	10.1	87.4	51.7	11.2
Washington	100.0	NA	4.8	100.0	NA	5.3	100.0	86.0	7.0
West Virginia	100.0	27.1	10.4	100.0	40.2	NA	100.0	44.7	12.7
Wisconsin	100.0	55.7	10.1	100.0	62.1	12.6	100.0	69.9	14.7
Wyoming	71.2	50.4	1.5	71.5	49.2	1.7	72.8	52.6	1.8
<b>Total</b>	<b>94.5</b>	<b>58.0</b>	<b>14.5</b>	<b>95.6</b>	<b>61.1</b>	<b>13.9</b>	<b>95.2</b>	<b>65.0</b>	<b>14.5</b>

See footnotes at end of table.

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

State	2017								
	March			February			January		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	77.8	27.2	100.0	81.8	26.7	100.0	80.5	26.6
Alaska	100.0	99.1	100.0	100.0	99.1	100.0	100.0	99.2	100.0
Arizona	100.0	82.9	13.9	NA	85.7	14.2	100.0	85.2	13.6
Arkansas	100.0	43.1	2.0	100.0	46.7	2.0	100.0	51.8	1.8
California	94.6	54.0	4.5	95.1	57.0	5.0	NA	56.7	4.8
Colorado	100.0	93.5	7.4	100.0	94.2	9.0	100.0	94.6	8.9
Connecticut	96.3	79.7	NA	96.5	76.8	51.8	96.7	79.9	52.0
Delaware	100.0	40.0	0.6	100.0	44.6	0.6	100.0	44.7	0.6
District of Columbia	75.5	22.2	0.0	NA	23.1	0.0	71.1	21.9	0.0
Florida	90.0	30.1	3.4	90.2	30.1	4.0	92.3	29.5	3.2
Georgia	100.0	100.0	26.8	100.0	100.0	27.7	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	77.0	2.5	100.0	82.5	3.2	100.0	87.0	2.7
Illinois	86.4	38.2	8.6	85.4	37.0	8.4	86.4	39.4	9.8
Indiana	95.7	68.3	2.1	95.7	66.8	2.5	95.9	68.8	2.7
Iowa	100.0	71.5	NA	100.0	73.3	3.5	100.0	74.7	4.5
Kansas	100.0	55.9	4.7	100.0	63.6	1.7	100.0	67.6	1.5
Kentucky	96.8	79.4	20.8	96.3	80.7	19.3	96.7	83.2	18.7
Louisiana	100.0	NA	NA	100.0	NA	NA	100.0	NA	NA
Maine	100.0	62.8	11.3	100.0	64.6	10.6	100.0	63.4	10.9
Maryland	75.5	28.0	11.6	75.2	32.3	12.8	73.6	30.5	13.5
Massachusetts	98.5	49.3	26.4	98.5	46.2	24.9	98.5	48.1	27.4
Michigan	93.5	58.4	8.3	93.0	59.7	9.0	93.3	62.8	10.7
Minnesota	100.0	91.9	17.1	100.0	92.2	17.6	100.0	91.1	21.4
Mississippi	100.0	85.2	NA	100.0	84.9	NA	100.0	87.7	9.7
Missouri	100.0	72.6	12.5	100.0	NA	NA	100.0	79.0	15.2
Montana	99.4	51.4	1.6	99.3	55.5	2.7	99.4	55.9	2.7
Nebraska	87.6	59.5	NA	87.6	59.4	8.2	87.7	60.4	8.2
Nevada	100.0	62.5	16.3	100.0	69.3	20.0	100.0	69.1	18.7
New Hampshire	100.0	56.9	9.1	100.0	56.3	7.2	100.0	57.0	7.4
New Jersey	94.6	48.4	NA	94.5	49.5	NA	94.4	NA	NA
New Mexico	100.0	61.2	NA	100.0	64.1	4.4	100.0	57.7	5.6
New York	100.0	100.0	7.4	100.0	100.0	7.9	100.0	100.0	7.6
North Carolina	100.0	NA	12.0	100.0	84.4	12.6	100.0	87.4	14.1
North Dakota	100.0	94.1	37.9	100.0	94.1	27.4	100.0	94.5	35.6
Ohio	100.0	NA	NA	NA	100.0	2.6	100.0	100.0	2.3
Oklahoma	100.0	44.8	0.6	100.0	52.3	1.1	100.0	53.4	1.4
Oregon	100.0	94.8	17.0	100.0	95.1	17.5	100.0	95.7	17.9
Pennsylvania	88.1	38.9	1.6	87.4	39.7	1.6	NA	41.0	1.9
Rhode Island	100.0	54.1	4.0	100.0	53.4	NA	100.0	54.6	4.0
South Carolina	100.0	91.7	40.8	100.0	92.0	42.9	100.0	92.9	40.5
South Dakota	100.0	82.8	5.5	100.0	83.6	6.6	100.0	85.0	6.6
Tennessee	100.0	89.3	24.1	100.0	91.0	23.8	100.0	91.6	24.4
Texas	99.8	72.0	39.1	99.8	NA	38.7	NA	NA	NA
Utah	100.0	76.9	4.6	100.0	77.1	4.1	100.0	80.8	4.2
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	NA	NA	13.9	89.5	53.4	9.3	89.3	59.9	13.5
Washington	100.0	87.7	7.9	100.0	88.0	8.5	100.0	89.5	9.0
West Virginia	100.0	59.3	8.8	100.0	59.3	10.3	100.0	60.6	9.0
Wisconsin	100.0	75.2	17.5	100.0	76.8	18.6	100.0	79.0	21.5
Wyoming	70.6	49.2	1.7	71.0	49.5	2.0	71.7	51.3	NA
<b>Total</b>	<b>95.7</b>	<b>67.8</b>	<b>15.0</b>	<b>95.9</b>	<b>69.0</b>	<b>15.0</b>	<b>96.0</b>	<b>70.4</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, 2015-2017 – continued**

State	2016								
	Total			December			November		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	NA	NA	100.0	76.2	NA	100.0	NA	24.6
Alaska	100.0	98.4	100.0	100.0	99.1	100.0	100.0	98.9	100.0
Arizona	100.0	82.7	15.9	100.0	83.6	14.1	100.0	80.4	15.2
Arkansas	100.0	NA	1.5	100.0	NA	1.4	100.0	NA	1.9
California	95.1	51.2	3.9	95.4	54.1	4.1	95.7	52.2	4.5
Colorado	100.0	94.1	NA	100.0	95.6	9.4	100.0	94.6	7.6
Connecticut	96.2	NA	49.4	96.4	77.6	52.9	95.9	75.7	49.6
Delaware	100.0	37.2	NA	100.0	36.1	0.5	100.0	29.5	NA
District of Columbia	74.1	20.0	0.0	79.3	27.0	0.0	70.3	17.4	0.0
Florida	92.2	29.9	3.3	90.4	29.3	3.3	89.4	29.6	3.4
Georgia	NA	100.0	22.5	100.0	100.0	24.4	100.0	100.0	23.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	75.0	2.4	100.0	85.4	2.6	100.0	75.5	2.4
Illinois	86.7	NA	NA	88.2	40.1	9.7	88.1	33.7	5.6
Indiana	95.7	66.3	1.8	95.9	70.9	2.3	95.9	66.6	1.6
Iowa	100.0	NA	NA	100.0	74.0	4.2	100.0	69.2	5.8
Kansas	100.0	53.5	8.2	100.0	64.4	1.8	100.0	50.4	4.6
Kentucky	96.9	78.0	17.6	97.5	82.4	18.1	98.1	73.8	16.6
Louisiana	100.0	NA	NA	100.0	76.8	NA	100.0	75.0	NA
Maine	100.0	57.7	NA	100.0	60.4	12.0	100.0	54.3	11.8
Maryland	74.6	26.1	NA	78.3	31.6	NA	75.9	24.0	7.2
Massachusetts	98.9	41.6	23.0	98.7	46.4	23.5	98.7	38.9	19.7
Michigan	92.8	55.3	NA	93.3	60.8	9.0	93.2	54.8	5.6
Minnesota	100.0	84.9	15.4	100.0	89.6	18.3	100.0	87.8	18.2
Mississippi	NA	84.2	9.6	100.0	86.5	9.2	100.0	80.7	9.4
Missouri	100.0	71.8	NA	100.0	75.6	13.9	100.0	64.1	10.5
Montana	99.6	47.7	NA	99.5	49.3	2.2	99.5	41.7	1.3
Nebraska	87.5	58.3	6.1	86.0	56.9	6.4	85.2	47.5	5.6
Nevada	100.0	58.5	NA	100.0	65.4	NA	100.0	55.7	13.6
New Hampshire	100.0	53.7	NA	100.0	54.5	6.7	100.0	51.0	4.6
New Jersey	94.3	37.3	NA	94.4	39.2	9.1	94.4	38.9	5.3
New Mexico	100.0	54.2	9.2	100.0	52.4	10.1	99.9	40.4	14.2
New York	100.0	100.0	5.8	100.0	100.0	5.9	100.0	100.0	4.6
North Carolina	100.0	NA	10.9	100.0	85.6	12.3	100.0	83.3	10.6
North Dakota	100.0	92.8	30.3	100.0	94.2	26.9	100.0	92.8	34.9
Ohio	100.0	100.0	NA	100.0	100.0	2.2	100.0	100.0	1.3
Oklahoma	100.0	NA	NA	100.0	38.0	0.7	100.0	NA	0.2
Oregon	100.0	NA	15.3	100.0	95.6	16.9	100.0	94.3	16.0
Pennsylvania	87.6	37.3	NA	88.0	40.3	1.6	88.9	38.2	0.8
Rhode Island	100.0	52.8	3.3	100.0	54.5	3.6	100.0	51.7	2.7
South Carolina	100.0	91.6	41.2	100.0	92.6	39.1	100.0	91.6	40.9
South Dakota	100.0	80.5	4.5	100.0	83.3	6.7	100.0	80.8	6.7
Tennessee	100.0	NA	26.6	100.0	89.6	24.6	100.0	85.0	24.0
Texas	NA	NA	NA	99.7	74.9	37.1	99.5	64.4	37.8
Utah	100.0	76.1	5.5	100.0	80.8	5.0	100.0	67.9	4.4
Vermont	100.0	NA	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	90.3	52.3	10.3	92.2	63.7	14.3	91.7	46.5	11.1
Washington	NA	NA	6.3	100.0	90.3	8.0	100.0	86.5	6.7
West Virginia	100.0	50.8	NA	100.0	60.6	10.8	100.0	50.8	8.0
Wisconsin	100.0	70.9	16.0	100.0	77.5	19.7	100.0	70.1	17.0
Wyoming	NA	52.3	1.8	74.6	58.6	2.1	74.0	53.4	1.6
<b>Total</b>	<b>95.8</b>	<b>64.9</b>	<b>14.8</b>	<b>96.0</b>	<b>68.2</b>	<b>14.7</b>	<b>96.0</b>	<b>63.6</b>	<b>14.5</b>

See footnotes at end of table.

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

State	2016								
	October			September			August		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	69.7	25.3	100.0	73.8	NA	100.0	72.1	24.5
Alaska	100.0	97.5	100.0	100.0	96.5	100.0	100.0	96.6	100.0
Arizona	100.0	78.2	18.5	100.0	79.5	19.8	100.0	79.6	14.3
Arkansas	100.0	25.8	1.5	100.0	28.4	1.6	100.0	26.9	1.1
California	95.0	49.7	4.3	94.8	47.0	3.1	94.4	43.3	3.2
Colorado	100.0	92.3	NA	100.0	90.6	NA	100.0	89.1	4.3
Connecticut	95.1	72.7	47.9	95.6	71.8	48.8	95.6	69.6	49.8
Delaware	100.0	22.8	NA	100.0	23.4	0.2	100.0	24.2	0.2
District of Columbia	69.9	16.0	0.0	68.7	13.6	0.0	69.4	14.8	0.0
Florida	91.5	29.2	3.1	92.4	28.0	3.2	92.5	29.6	3.2
Georgia	100.0	100.0	22.2	NA	100.0	21.0	100.0	100.0	23.9
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	67.2	2.2	100.0	59.6	2.2	100.0	61.4	2.5
Illinois	87.1	28.9	4.1	86.1	22.1	NA	86.0	NA	2.2
Indiana	95.0	63.8	1.5	95.6	56.3	1.0	95.6	50.9	1.0
Iowa	100.0	65.9	4.3	100.0	NA	3.0	100.0	49.1	2.6
Kansas	100.0	37.6	5.7	100.0	30.4	12.8	100.0	29.6	21.4
Kentucky	98.0	69.3	16.9	97.6	66.8	17.3	97.6	64.7	17.6
Louisiana	100.0	73.6	3.2	100.0	76.0	3.1	100.0	75.4	3.1
Maine	100.0	49.8	6.9	100.0	53.7	5.1	100.0	46.7	5.7
Maryland	74.4	21.2	2.7	73.5	16.8	2.5	71.7	18.4	1.7
Massachusetts	98.6	31.5	19.3	98.7	24.2	19.5	98.6	23.7	18.4
Michigan	93.1	48.7	3.5	93.6	38.9	NA	92.1	32.8	2.5
Minnesota	100.0	83.3	16.7	100.0	74.3	12.4	100.0	73.8	12.1
Mississippi	100.0	81.0	10.9	100.0	80.3	10.9	100.0	81.2	9.0
Missouri	100.0	61.3	NA	100.0	60.8	9.2	100.0	59.7	8.4
Montana	99.6	40.6	NA	99.5	37.2	NA	99.5	37.6	NA
Nebraska	88.1	57.0	5.2	88.0	54.1	5.1	90.0	55.8	4.5
Nevada	100.0	50.0	11.9	100.0	48.5	NA	100.0	47.4	NA
New Hampshire	100.0	47.2	2.7	100.0	47.2	1.9	100.0	47.4	2.4
New Jersey	94.6	30.5	3.2	94.2	19.4	2.2	94.2	16.5	NA
New Mexico	100.0	43.2	13.6	100.0	45.7	10.2	99.9	46.0	13.1
New York	100.0	100.0	4.6	100.0	100.0	4.2	100.0	100.0	4.0
North Carolina	100.0	77.7	9.2	100.0	76.5	10.1	100.0	NA	9.0
North Dakota	100.0	90.7	38.0	100.0	88.8	39.1	100.0	86.1	9.7
Ohio	100.0	100.0	0.8	100.0	100.0	0.7	100.0	100.0	0.7
Oklahoma	100.0	25.5	0.2	100.0	27.5	0.4	100.0	26.9	NA
Oregon	100.0	94.2	14.8	100.0	92.7	14.9	100.0	92.7	13.7
Pennsylvania	88.1	33.0	0.5	88.1	27.2	0.4	87.8	28.0	0.4
Rhode Island	100.0	54.0	3.5	100.0	54.2	2.7	100.0	55.6	2.3
South Carolina	100.0	90.1	41.4	100.0	89.2	42.1	100.0	90.0	40.3
South Dakota	100.0	76.4	3.1	100.0	72.1	1.9	100.0	69.1	1.9
Tennessee	100.0	NA	23.1	100.0	79.1	24.6	100.0	77.7	26.8
Texas	99.7	62.8	38.2	99.8	62.5	40.0	99.8	61.3	NA
Utah	100.0	66.7	4.5	100.0	62.4	5.1	100.0	60.4	4.9
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.9	45.9	10.9	87.8	37.3	8.5	87.5	42.8	7.8
Washington	100.0	85.4	5.4	100.0	81.4	5.0	100.0	78.5	4.5
West Virginia	100.0	39.0	14.6	100.0	29.7	13.7	100.0	27.0	11.8
Wisconsin	100.0	61.9	14.9	100.0	51.7	11.9	100.0	49.4	12.2
Wyoming	77.6	55.8	1.5	72.1	51.8	1.7	75.6	53.2	1.4
<b>Total</b>	<b>95.9</b>	<b>60.0</b>	<b>14.5</b>	<b>96.0</b>	<b>56.2</b>	<b>14.6</b>	<b>95.8</b>	<b>54.9</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, 2015-2017 – continued**

State	2016								
	July			June			May		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	72.5	24.2	100.0	73.4	21.8	100.0	73.2	24.3
Alaska	100.0	96.2	100.0	100.0	97.0	100.0	100.0	98.0	100.0
Arizona	100.0	80.6	18.5	100.0	81.6	20.3	100.0	81.5	15.2
Arkansas	100.0	26.4	1.2	100.0	26.3	1.1	100.0	27.7	1.1
California	94.9	47.4	3.3	94.6	48.4	3.8	95.1	53.3	3.7
Colorado	100.0	90.9	4.6	100.0	91.4	5.3	100.0	93.3	7.1
Connecticut	96.0	71.0	50.0	95.3	71.1	44.5	95.4	73.2	46.4
Delaware	100.0	26.5	0.1	100.0	31.2	0.1	100.0	35.9	0.1
District of Columbia	70.2	15.3	--	70.3	15.8	--	70.6	17.0	--
Florida	92.5	27.0	3.1	92.1	28.3	3.5	91.1	30.3	3.2
Georgia	100.0	100.0	22.9	100.0	100.0	23.2	100.0	100.0	21.6
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	58.9	2.4	100.0	59.8	2.5	100.0	62.4	2.3
Illinois	85.7	22.0	NA	86.3	23.8	NA	82.9	24.9	NA
Indiana	95.1	53.9	0.9	94.9	54.1	1.0	95.1	59.7	1.3
Iowa	100.0	53.8	2.2	100.0	57.3	2.4	100.0	62.0	3.5
Kansas	100.0	32.1	18.0	100.0	35.3	13.2	100.0	38.9	5.5
Kentucky	97.2	67.3	18.2	96.3	66.9	19.0	96.2	71.0	17.5
Louisiana	100.0	NA	2.9	100.0	78.1	3.0	100.0	75.8	3.0
Maine	100.0	49.9	5.6	100.0	50.8	NA	100.0	56.6	NA
Maryland	71.5	16.0	1.3	72.3	20.0	2.0	71.6	24.3	4.0
Massachusetts	98.6	27.3	20.6	98.5	28.7	20.8	98.7	36.9	21.5
Michigan	92.7	38.4	2.3	91.7	41.1	2.6	91.7	49.5	4.4
Minnesota	100.0	71.9	11.2	100.0	75.9	10.6	100.0	82.2	13.7
Mississippi	100.0	79.6	8.8	NA	79.9	8.8	100.0	80.2	8.3
Missouri	100.0	60.3	8.1	100.0	62.1	8.8	100.0	63.6	8.7
Montana	99.5	39.5	NA	99.5	44.0	NA	99.5	43.9	1.2
Nebraska	88.6	55.9	4.4	87.7	56.6	5.7	85.3	56.4	6.2
Nevada	100.0	49.0	NA	100.0	51.6	9.2	100.0	53.1	10.7
New Hampshire	100.0	44.2	2.7	100.0	46.5	NA	100.0	50.7	NA
New Jersey	94.2	22.4	NA	94.4	24.3	3.0	94.5	31.5	3.3
New Mexico	100.0	47.6	10.7	99.9	51.5	8.9	100.0	55.3	7.5
New York	100.0	100.0	5.3	100.0	100.0	5.0	100.0	100.0	5.6
North Carolina	100.0	75.2	9.1	100.0	77.3	9.2	100.0	77.9	9.5
North Dakota	100.0	86.6	16.3	100.0	85.0	37.8	100.0	90.4	39.8
Ohio	100.0	100.0	NA	100.0	100.0	NA	100.0	100.0	0.9
Oklahoma	100.0	29.3	NA	100.0	31.9	NA	100.0	29.6	0.2
Oregon	100.0	NA	13.4	100.0	92.9	13.5	100.0	93.3	13.6
Pennsylvania	87.6	26.8	0.3	87.1	27.1	NA	86.9	30.2	NA
Rhode Island	100.0	53.9	3.5	100.0	46.6	3.7	100.0	47.1	3.1
South Carolina	100.0	89.4	40.3	100.0	90.7	42.5	100.0	89.4	41.2
South Dakota	100.0	73.0	2.4	100.0	72.3	3.0	100.0	77.0	3.6
Tennessee	100.0	79.8	25.6	100.0	79.9	26.5	100.0	83.7	27.8
Texas	99.8	64.2	NA	NA	NA	41.4	99.8	63.0	42.1
Utah	100.0	66.2	5.6	100.0	67.5	6.2	100.0	69.4	6.4
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.7	39.9	9.3	87.9	43.5	7.6	88.5	47.7	11.0
Washington	100.0	81.1	4.3	NA	NA	4.4	100.0	81.4	5.3
West Virginia	100.0	29.0	10.6	100.0	28.7	11.8	100.0	32.4	13.7
Wisconsin	100.0	48.0	11.5	100.0	57.5	13.0	100.0	58.7	12.1
Wyoming	NA	52.4	1.5	72.6	45.8	1.5	73.2	52.5	1.9
<b>Total</b>	<b>95.9</b>	<b>57.0</b>	<b>14.3</b>	<b>95.7</b>	<b>58.1</b>	<b>14.6</b>	<b>95.4</b>	<b>60.4</b>	<b>14.6</b>

<sup>R</sup> Revised data.

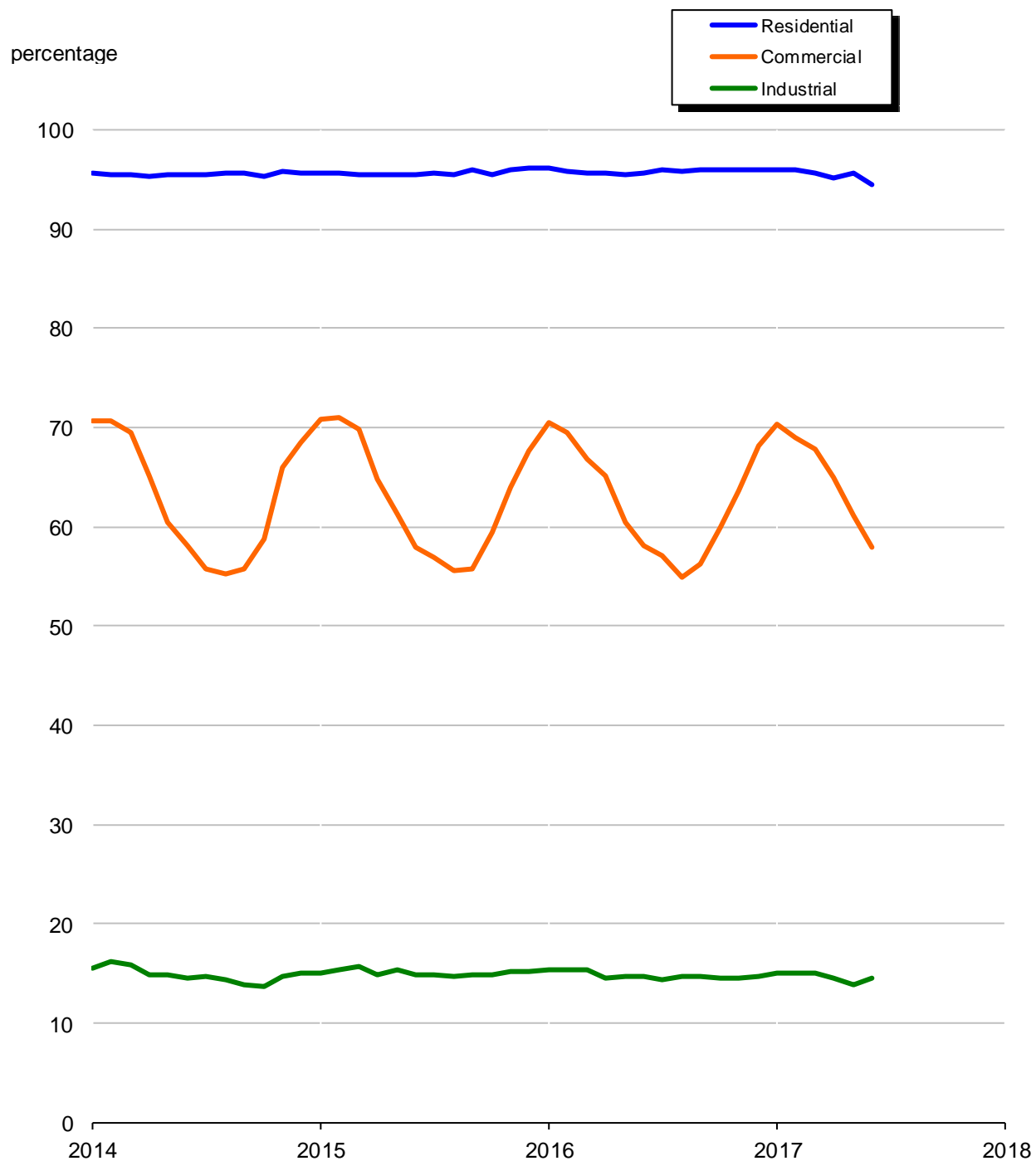
-- Not applicable.

NA Not available.

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

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

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



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

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

State	2017	2016	2015	2017			
	6-Month YTD	6-Month YTD	6-Month YTD	June	May	April	March
Alabama	1,030	1,028	1,030	1,030	1,031	1,030	1,028
Alaska	997	1,001	1,001	988	995	994	996
Arizona	1,039	1,041	1,037	1,037	1,038	1,038	1,040
Arkansas	1,025	1,023	1,029	1,019	1,016	1,022	1,017
California	1,034	1,034	1,033	1,037	1,033	1,033	1,034
Colorado	1,063	1,058	1,052	1,069	1,065	1,063	1,062
Connecticut	1,026	1,026	1,028	1,025	1,025	1,025	1,026
Delaware	1,040	1,043	1,056	1,037	1,037	1,041	1,045
District of Columbia	1,044	1,044	1,045	1,029	1,034	1,035	1,047
Florida	1,023	1,021	1,025	1,023	1,024	1,023	1,023
Georgia	1,032	1,029	1,027	1,032	1,033	1,030	1,029
Hawaii	968	1,010	970	987	984	959	954
Idaho	1,039	1,036	1,028	1,069	1,044	1,051	1,037
Illinois	1,031	1,032	1,029	1,027	1,028	1,030	1,030
Indiana	1,041	1,036	1,032	1,044	1,042	1,036	1,034
Iowa	1,052	1,053	1,048	1,056	1,057	1,055	1,052
Kansas	1,038	1,034	1,036	1,033	1,035	1,041	1,037
Kentucky	1,037	1,027	1,023	1,043	1,028	1,030	1,035
Louisiana	1,032	1,032	1,034	1,020	1,022	1,023	1,022
Maine	1,032	1,028	1,029	1,021	1,022	1,026	1,036
Maryland	1,051	1,053	1,057	1,041	1,046	1,043	1,055
Massachusetts	1,031	1,030	1,031	1,030	1,030	1,029	1,031
Michigan	1,043	1,038	1,028	1,042	1,043	1,039	1,042
Minnesota	1,030	1,041	1,039	1,028	1,034	1,032	1,033
Mississippi	1,035	1,033	1,033	1,035	1,032	1,032	1,035
Missouri	1,022	1,024	1,021	1,020	1,021	1,022	1,021
Montana	1,032	1,028	1,025	1,040	1,026	1,032	1,036
Nebraska	1,056	1,052	1,053	1,066	1,063	1,061	1,058
Nevada	1,040	1,040	1,042	1,044	1,035	1,039	1,039
New Hampshire	1,031	1,032	1,033	1,030	1,029	1,028	1,032
New Jersey	1,041	1,041	1,048	1,036	1,037	1,038	1,043
New Mexico	1,043	1,049	1,037	1,040	1,042	1,040	1,042
New York	1,032	1,032	1,034	1,031	1,031	1,032	1,033
North Carolina	1,037	1,036	1,032	1,038	1,040	1,045	1,033
North Dakota	1,054	1,069	1,046	1,085	1,080	1,080	1,078
Ohio	1,070	1,071	1,065	1,068	1,068	1,069	1,072
Oklahoma	1,044	1,047	1,045	1,044	1,041	1,042	1,041
Oregon	1,047	1,038	1,035	1,086	1,079	1,076	1,035
Pennsylvania	1,039	1,043	1,050	1,038	1,038	1,038	1,040
Rhode Island	1,029	1,029	1,029	1,030	1,029	1,029	1,029
South Carolina	1,030	1,030	1,029	1,030	1,032	1,031	1,030
South Dakota	1,053	1,056	1,048	1,050	1,051	1,049	1,050
Tennessee	1,028	1,031	1,027	1,032	1,032	1,029	1,028
Texas	1,029	1,030	1,031	1,028	1,029	1,030	1,026
Utah	1,043	1,043	1,044	1,041	1,042	1,042	1,043
Vermont	1,031	1,029	1,027	1,026	1,024	1,025	1,033
Virginia	1,052	1,054	1,052	1,052	1,051	1,055	1,057
Washington	1,078	1,076	1,060	1,082	1,077	1,080	1,078
West Virginia	1,087	1,091	1,083	1,105	1,094	1,103	1,086
Wisconsin	1,035	1,039	1,040	1,029	1,036	1,034	1,035
Wyoming	1,065	1,070	1,053	1,053	1,052	1,051	1,055
<b>Total</b>	<b>1,037</b>	<b>1,037</b>	<b>1,036</b>	<b>1,035</b>	<b>1,035</b>	<b>1,036</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	2017			2016			
	February	January	Total	December	November	October	September
Alabama	1,029	1,028	1,030	1,030	1,030	1,031	1,032
Alaska	1,000	1,000	1,001	1,000	1,000	1,001	1,002
Arizona	1,043	1,042	1,037	1,039	1,034	1,031	1,034
Arkansas	1,019	1,018	1,025	1,019	1,021	1,018	1,020
California	1,034	1,036	1,035	1,034	1,032	1,033	1,037
Colorado	1,060	1,060	1,062	1,059	1,063	1,069	1,075
Connecticut	1,026	1,026	1,026	1,026	1,026	1,026	1,026
Delaware	1,045	1,047	1,042	1,047	1,045	1,046	1,046
District of Columbia	1,049	1,051	1,043	1,045	1,040	1,035	1,038
Florida	1,025	1,024	1,023	1,025	1,024	1,023	1,026
Georgia	1,033	1,030	1,030	1,031	1,030	1,032	1,032
Hawaii	972	955	981	954	947	952	945
Idaho	1,036	1,036	1,033	1,033	1,036	1,035	1,035
Illinois	1,031	1,033	1,032	1,033	1,031	1,029	1,028
Indiana	1,034	1,038	1,039	1,035	1,046	1,048	1,042
Iowa	1,052	1,052	1,055	1,056	1,059	1,059	1,059
Kansas	1,036	1,042	1,036	1,038	1,039	1,037	1,038
Kentucky	1,035	1,037	1,032	1,026	1,039	1,027	1,030
Louisiana	1,022	1,023	1,033	1,023	1,022	1,022	1,026
Maine	1,049	1,037	1,025	1,030	1,018	1,016	1,019
Maryland	1,056	1,054	1,051	1,050	1,045	1,042	1,046
Massachusetts	1,031	1,031	1,030	1,030	1,029	1,029	1,029
Michigan	1,045	1,045	1,041	1,044	1,048	1,047	1,047
Minnesota	1,028	1,028	1,039	1,033	1,033	1,037	1,038
Mississippi	1,035	1,034	1,032	1,033	1,037	1,032	1,034
Missouri	1,022	1,022	1,024	1,024	1,024	1,024	1,023
Montana	1,034	1,036	1,031	1,035	1,039	1,029	1,034
Nebraska	1,060	1,057	1,055	1,059	1,063	1,068	1,069
Nevada	1,040	1,041	1,041	1,041	1,038	1,039	1,044
New Hampshire	1,036	1,032	1,029	1,031	1,027	1,028	1,026
New Jersey	1,042	1,043	1,040	1,042	1,040	1,038	1,038
New Mexico	1,043	1,045	1,047	1,041	1,040	1,039	1,048
New York	1,033	1,033	1,032	1,033	1,031	1,030	1,030
North Carolina	1,032	1,033	1,035	1,032	1,034	1,039	1,037
North Dakota	1,083	1,076	1,061	1,092	1,075	1,072	1,061
Ohio	1,071	1,071	1,070	1,073	1,071	1,072	1,068
Oklahoma	1,043	1,046	1,050	1,053	1,050	1,050	1,053
Oregon	1,035	1,036	1,039	1,038	1,035	1,038	1,038
Pennsylvania	1,040	1,041	1,041	1,040	1,039	1,040	1,041
Rhode Island	1,029	1,029	1,029	1,028	1,028	1,030	1,029
South Carolina	1,031	1,030	1,030	1,031	1,029	1,031	1,030
South Dakota	1,051	1,055	1,055	1,052	1,052	1,053	1,056
Tennessee	1,031	1,032	1,028	1,033	1,035	1,028	1,026
Texas	1,029	1,027	1,031	1,029	1,028	1,030	1,034
Utah	1,043	1,043	1,042	1,043	1,042	1,041	1,041
Vermont	1,036	1,034	1,026	1,029	1,022	1,019	1,016
Virginia	1,052	1,057	1,053	1,054	1,055	1,052	1,053
Washington	1,075	1,076	1,080	1,080	1,083	1,081	1,076
West Virginia	1,089	1,084	1,088	1,085	1,083	1,083	1,103
Wisconsin	1,038	1,041	1,035	1,041	1,033	1,036	1,029
Wyoming	1,066	1,060	1,069	1,057	1,056	1,050	1,054
<b>Total</b>	<b>1,038</b>	<b>1,039</b>	<b>1,037</b>	<b>1,039</b>	<b>1,037</b>	<b>1,036</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						
	August	July	June	May	April	March	February
Alabama	1,031	1,029	1,026	1,028	1,028	1,030	1,025
Alaska	1,003	1,003	1,003	1,002	1,001	1,001	1,000
Arizona	1,035	1,031	1,031	1,037	1,042	1,050	1,047
Arkansas	1,022	1,021	1,020	1,018	1,019	1,017	1,015
California	1,038	1,035	1,042	1,021	1,035	1,034	1,036
Colorado	1,074	1,072	1,071	1,066	1,065	1,055	1,052
Connecticut	1,025	1,025	1,026	1,025	1,026	1,026	1,026
Delaware	1,043	1,044	1,042	1,042	1,044	1,043	1,050
District of Columbia	1,038	1,038	1,034	1,035	1,040	1,043	1,049
Florida	1,026	1,023	1,020	1,021	1,023	1,024	1,025
Georgia	1,029	1,028	1,027	1,030	1,028	1,030	1,030
Hawaii	947	967	1,050	1,018	992	1,003	1,004
Idaho	1,035	1,028	1,035	1,044	1,056	1,044	1,038
Illinois	1,030	1,029	1,027	1,032	1,032	1,030	1,031
Indiana	1,047	1,035	1,042	1,038	1,034	1,032	1,033
Iowa	1,061	1,057	1,058	1,057	1,053	1,052	1,052
Kansas	1,039	1,033	1,034	1,032	1,033	1,037	1,036
Kentucky	1,038	1,033	1,025	1,018	1,026	1,023	1,025
Louisiana	1,028	1,022	1,023	1,022	1,021	1,022	1,025
Maine	1,026	1,023	1,023	1,019	1,024	1,030	1,037
Maryland	1,051	1,052	1,046	1,047	1,048	1,050	1,055
Massachusetts	1,028	1,028	1,029	1,029	1,029	1,030	1,032
Michigan	1,052	1,044	1,041	1,038	1,040	1,036	1,038
Minnesota	1,036	1,034	1,044	1,042	1,041	1,039	1,035
Mississippi	1,031	1,022	1,030	1,036	1,033	1,039	1,032
Missouri	1,024	1,022	1,022	1,021	1,024	1,024	1,023
Montana	1,033	1,028	1,029	1,023	1,023	1,027	1,030
Nebraska	1,073	1,070	1,064	1,064	1,062	1,048	1,054
Nevada	1,045	1,044	1,038	1,039	1,042	1,037	1,042
New Hampshire	1,026	1,026	1,028	1,027	1,029	1,031	1,039
New Jersey	1,039	1,038	1,037	1,037	1,039	1,042	1,043
New Mexico	1,055	1,046	1,049	1,052	1,048	1,048	1,048
New York	1,029	1,029	1,030	1,029	1,033	1,033	1,034
North Carolina	1,035	1,033	1,034	1,038	1,038	1,037	1,034
North Dakota	1,090	1,089	1,070	1,091	1,108	1,099	1,095
Ohio	1,067	1,068	1,069	1,070	1,068	1,070	1,072
Oklahoma	1,051	1,049	1,046	1,047	1,044	1,048	1,047
Oregon	1,046	1,045	1,044	1,043	1,038	1,036	1,034
Pennsylvania	1,039	1,040	1,041	1,042	1,042	1,042	1,045
Rhode Island	1,028	1,028	1,028	1,029	1,034	1,025	1,027
South Carolina	1,030	1,029	1,029	1,030	1,031	1,029	1,031
South Dakota	1,057	1,060	1,058	1,054	1,052	1,053	1,058
Tennessee	1,025	1,025	1,024	1,031	1,031	1,034	1,035
Texas	1,035	1,031	1,027	1,029	1,032	1,030	1,028
Utah	1,042	1,042	1,040	1,041	1,042	1,041	1,043
Vermont	1,017	1,016	1,025	1,023	1,028	1,030	1,032
Virginia	1,054	1,054	1,052	1,054	1,052	1,056	1,055
Washington	1,085	1,085	1,080	1,078	1,078	1,077	1,075
West Virginia	1,109	1,108	1,118	1,096	1,096	1,096	1,096
Wisconsin	1,026	1,026	1,033	1,037	1,038	1,038	1,046
Wyoming	1,058	1,053	1,048	1,053	1,055	1,071	1,052
<b>Total</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>	<b>1,038</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
	January	Total	December	November	October	September	August
Alabama	1,029	1,030	1,029	1,029	1,030	1,030	1,030
Alaska	1,000	1,001	1,000	1,001	1,001	1,001	1,002
Arizona	1,046	1,040	1,044	1,041	1,042	1,040	1,038
Arkansas	1,019	1,020	1,015	1,014	1,029	1,019	1,022
California	1,038	1,036	1,037	1,037	1,035	1,037	1,037
Colorado	1,050	1,060	1,051	1,060	1,069	1,076	1,069
Connecticut	1,026	1,027	1,026	1,027	1,028	1,026	1,026
Delaware	1,055	1,050	1,049	1,051	1,051	1,043	1,044
District of Columbia	1,051	1,044	1,044	1,039	1,045	1,035	1,036
Florida	1,015	1,024	1,023	1,023	1,023	1,024	1,024
Georgia	1,029	1,027	1,027	1,026	1,028	1,029	1,028
Hawaii	998	982	997	996	996	989	965
Idaho	1,034	1,030	1,041	1,035	1,033	1,024	1,028
Illinois	1,031	1,029	1,030	1,030	1,028	1,028	1,027
Indiana	1,030	1,027	1,033	1,034	1,039	1,041	1,044
Iowa	1,053	1,053	1,056	1,057	1,058	1,058	1,059
Kansas	1,032	1,036	1,031	1,035	1,037	1,039	1,042
Kentucky	1,027	1,023	1,024	1,021	1,024	1,020	1,015
Louisiana	1,024	1,025	1,023	1,022	1,023	1,023	1,024
Maine	1,035	1,027	1,027	1,025	1,026	1,019	1,018
Maryland	1,061	1,055	1,050	1,049	1,053	1,050	1,049
Massachusetts	1,031	1,029	1,030	1,029	1,028	1,027	1,028
Michigan	1,040	1,033	1,040	1,041	1,034	1,036	1,035
Minnesota	1,043	1,040	1,041	1,045	1,041	1,039	1,041
Mississippi	1,031	1,030	1,030	1,029	1,028	1,031	1,029
Missouri	1,024	1,012	1,023	1,024	1,025	1,026	1,026
Montana	1,033	1,026	1,034	1,034	1,032	1,032	1,033
Nebraska	1,054	1,057	1,053	1,055	1,060	1,068	1,071
Nevada	1,043	1,042	1,042	1,043	1,043	1,044	1,043
New Hampshire	1,035	1,030	1,030	1,029	1,029	1,028	1,028
New Jersey	1,044	1,045	1,044	1,044	1,041	1,041	1,042
New Mexico	1,046	1,038	1,046	1,042	1,048	1,040	1,049
New York	1,033	1,032	1,033	1,032	1,032	1,032	1,031
North Carolina	1,034	1,035	1,034	1,033	1,040	1,038	1,037
North Dakota	1,095	1,086	1,112	1,097	1,093	1,078	1,095
Ohio	1,073	1,068	1,077	1,077	1,071	1,071	1,068
Oklahoma	1,049	1,047	1,050	1,047	1,049	1,049	1,047
Oregon	1,033	1,036	1,036	1,035	1,036	1,038	1,039
Pennsylvania	1,048	1,047	1,046	1,046	1,045	1,044	1,044
Rhode Island	1,032	1,028	1,028	1,028	1,028	1,028	1,028
South Carolina	1,031	1,030	1,030	1,030	1,031	1,031	1,029
South Dakota	1,060	1,054	1,058	1,053	1,053	1,056	1,060
Tennessee	1,035	1,029	1,034	1,031	1,032	1,025	1,023
Texas	1,029	1,034	1,030	1,033	1,036	1,036	1,035
Utah	1,046	1,044	1,046	1,044	1,044	1,042	1,043
Vermont	1,029	1,025	1,027	1,027	1,030	1,020	1,019
Virginia	1,055	1,052	1,057	1,051	1,053	1,055	1,054
Washington	1,070	1,065	1,073	1,069	1,064	1,066	1,065
West Virginia	1,092	1,097	1,090	1,114	1,090	1,102	1,099
Wisconsin	1,045	1,042	1,044	1,043	1,045	1,034	1,040
Wyoming	1,056	1,060	1,054	1,046	1,040	1,041	1,044
<b>Total</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."

## 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 submission by well operators on the monthly Form EIA-914, "Monthly Crude Oil, Lease Condensate and Natural Gas Production Report." For 2014, monthly production volumes are available for only those states/areas that were collected

individually on the EIA-914 survey (Louisiana, New Mexico, Oklahoma, Texas, Wyoming, and the Federal Offshore Gulf of Mexico) and Alaska. Starting in 2015, 10 states (Arkansas, California, Colorado, Kansas, Montana, North Dakota, Ohio, Pennsylvania, Utah, and West Virginia) were added to the EIA-914 data collection and are reported individually. The remaining states/areas (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) are grouped in the "Other States" category. The sum of individual states may not equal total U.S. volumes due to independent rounding. (See the [EIA-914 Methodology](#) for an explanation of the procedure for estimating state gross withdrawals from reported volumes.) Gross withdrawals for the state of Alaska are obtained from summary reports posted by the state of Alaska, Oil and Gas Conservation Commission.

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

### ***Annual Data***

Prior to 2011, natural gas production data were collected from 32 gas-producing states on the voluntary Form EIA-895. The form requested data on gross withdrawals, gas vented and flared, repressuring, nonhydrocarbon gases removed, fuel used on leases, marketed production (wet), and NGPL production (formerly known as extraction loss). Beginning in 2011, EIA has obtained similar data directly from the states. The Bureau of Safety & Environmental Enforcement also supplies data on the quantity and value of natural gas production from the Federal waters of the Gulf of Mexico.

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

### ***Monthly Data***

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

### ***Annual Data***

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

### Note 3. Supplemental Gaseous Fuels

#### *Monthly Data*

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

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

#### *Annual Data*

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

### Note 4. Imports and Exports

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

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

### Note 5. Natural Gas Storage

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

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

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

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

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

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

### **Monthly Data**

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

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

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

### **Annual Data**

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

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

## **Note 6. Consumption**

### **Monthly Data**

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

### **Annual Data**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## **Note 7. Balancing Item**

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

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

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

## Note 8. Average Price of Deliveries to Consumers

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

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

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

### *Monthly Data*

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

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

The NGPL composite spot price is calculated as:

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

where:

$P$  = the NGPL composite spot price in dollars per MMBtu,  
 $p_i$  = the monthly spot price for natural gas liquids product  $i$  in dollars per MMBtu,  
 $V$  = the total volume of natural gas plant liquids produced in the report month,  
 $v_i$  = the monthly production volume for natural gas plant liquids product  $i$ .

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

### **Annual Data**

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

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

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

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

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

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

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

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## Appendix B

### Data Sources

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

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

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

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies; investor and municipally owned natural gas distributors; underground natural gas storage operators; synthetic natural gas plant operators; field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities); and/or companies that transport gas across a state border through field or gathering facilities. Each company is required to file if it meets the survey specifications. The mailing in 2016 for report year 2015 totaled approximately 2,036 questionnaire packages. While final nonresponse rates vary, the rates have averaged about 1 percent in recent years.

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

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

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

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

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

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

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

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

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

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

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

### **Form EIA-914, "Monthly Natural Gas Production Report"**

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

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

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

### **Form EIA-191, "Underground Natural Gas Storage Report"**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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## Appendix C

### Statistical Considerations

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

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

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

#### *Sample Design*

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

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

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

**Sample Universe.** The sample in use for 2016 was selected from a universe of 1,668 companies. These companies were respondents to the Form EIA-176, “Annual Report of Natural and Supplemental Gas Supply and Disposition,” for reporting year 2014, who reported sales or deliveries to consumers in the residential, commercial, or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

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

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

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

## Estimation Procedures

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

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

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

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

or

(1)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

where:

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

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

SO = sendout volume,

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

EP = reported electric power volume,

IN = reported industrial volume,

R = reported residential volume,

C = reported commercial volume.

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

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

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

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

where:

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

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

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

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

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

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

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

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

for Georgia, and,

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

for New York and Ohio, where:

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

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

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

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

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

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

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

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

#### Estimation for Nonrespondents and Edit Failures.

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

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

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

where:

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

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

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

## Final Revisions

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

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

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

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

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

The formula for revising the estimated consumption is:

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

where:

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

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

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

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

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

The formula for revising the estimated revenue is:

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

where:

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

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

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

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

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

### **Reliability of Monthly Data**

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

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

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

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

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

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

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

where:

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

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

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

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

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

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

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

$N$  = frame size.

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

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

where:

$P_j$  = natural gas price in sector j,

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

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

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

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

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

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

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, June 2017

State	Volume Relative Standard Error (Percent)				Price (Dollars per Thousand Cubic Feet)		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	NA	NA	1.3	NA	0.29	0.21	0.13
Alaska	0.8	2.2	0.0	1.0	0.04	0.29	0.00
Arizona	3.3	4.7	4.7	2.6	0.52	0.21	0.03
Arkansas	6.5	0.5	1.8	1.3	0.22	0.09	0.68
California	2.1	1.7	0.5	0.6	0.13	0.29	0.16
Colorado	1.6	1.0	1.3	0.9	0.19	0.11	0.05
Connecticut	0.6	1.2	1.0	0.6	0.04	0.09	0.01
Delaware	0.0	0.0	0.0	0.0	0.00	0.00	0.00
District of Columbia	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Florida	2.2	1.2	0.6	0.6	0.55	0.58	0.51
Georgia	0.0	0.0	2.4	0.0	0.08	0.09	0.23
Hawaii	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Idaho	1.3	1.3	0.0	0.3	0.01	0.05	0.00
Illinois	0.9	1.2	2.1	1.1	0.23	0.43	1.13
Indiana	2.3	2.0	1.3	1.2	0.40	0.18	NA
Iowa	3.5	1.9	3.0	2.5	0.08	0.17	0.49
Kansas	2.3	0.8	2.0	1.6	0.12	0.16	0.21
Kentucky	1.3	1.7	2.0	1.6	0.28	0.23	0.35
Louisiana	3.4	NA	NA	NA	0.39	0.20	0.07
Maine	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Maryland	0.8	1.3	2.7	0.9	NA	0.16	NA
Massachusetts	1.8	1.2	2.1	1.0	0.10	0.17	0.18
Michigan	1.6	1.1	3.9	1.9	0.14	0.13	0.18
Minnesota	2.3	1.2	0.8	0.7	0.30	0.14	0.07
Mississippi	2.4	2.2	1.4	1.2	0.35	0.15	0.13
Missouri	1.7	0.6	2.5	1.3	0.14	0.10	0.16
Montana	0.9	0.4	0.0	0.2	0.12	0.13	0.00
Nebraska	1.0	1.0	0.9	0.7	0.22	0.21	0.39
Nevada	0.0	0.0	0.4	0.1	0.00	0.00	0.33
New Hampshire	0.0	0.0	5.7	3.3	0.00	0.00	0.00
New Jersey	0.0	0.0	3.5	0.8	0.00	NA	0.81
New Mexico	4.0	1.4	5.8	2.6	0.12	0.18	0.53
New York	0.0	0.0	1.3	0.0	0.10	0.06	NA
North Carolina	0.9	0.5	0.4	0.3	0.12	NA	0.08
North Dakota	1.8	1.4	3.3	2.8	0.15	0.12	0.00
Ohio	0.0	0.0	1.1	0.0	0.18	0.05	0.51
Oklahoma	3.4	1.2	1.3	1.2	0.28	0.66	0.50
Oregon	3.3	0.0	0.6	0.7	0.25	0.00	0.00
Pennsylvania	0.7	0.4	2.4	1.4	0.04	0.06	0.35
Rhode Island	0.0	0.0	0.0	0.0	0.00	0.00	0.00
South Carolina	1.8	2.8	1.6	1.4	0.48	0.14	0.17
South Dakota	2.9	1.1	1.0	0.9	0.25	0.20	0.08
Tennessee	1.1	1.3	1.4	1.1	0.22	0.09	0.10
Texas	1.6	1.4	0.8	0.7	0.19	0.09	0.03
Utah	0.5	0.2	0.0	0.2	0.00	0.00	0.00
Vermont	0.0	NA	0.0	NA	0.00	NA	0.00
Virginia	1.1	2.3	1.8	1.3	0.31	0.06	0.62
Washington	2.2	2.0	0.8	0.8	0.18	0.05	0.05
West Virginia	9.0	1.1	1.6	1.3	0.90	0.25	0.21
Wisconsin	1.6	1.1	1.2	0.8	0.16	0.05	0.07
Wyoming	1.2	0.7	2.6	2.1	0.13	0.03	0.02
<b>Total</b>	<b>0.5</b>	<b>0.4</b>	<b>0.3</b>	<b>0.2</b>	<b>0.04</b>	<b>0.04</b>	<b>0.02</b>

NA Not available.

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

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## Glossary

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**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.