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Administration**

# **Natural Gas Monthly**

**April 2024**



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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° Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

The Office of Energy Production, Conversion, and Delivery prepared the NGM. You can send general questions and comments on the contents of this publication to our [data team](#).

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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 February 2024.

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 “Analysis & Projections” 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	U.S. 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, 2019-2024**

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>2019 total</b>	<b>40,780</b>	<b>36,447</b>	<b>2,548</b>	<b>33,899</b>	<b>61</b>	<b>-1,916</b>	<b>-503</b>	<b>-408</b>	<b>31,132</b>
<b>2020 total</b>	<b>40,730</b>	<b>36,521</b>	<b>2,710</b>	<b>33,811</b>	<b>63</b>	<b>-2,734</b>	<b>-180</b>	<b>-357</b>	<b>30,603</b>
<b>2021 total</b>	<b>41,677</b>	<b>37,338</b>	<b>2,809</b>	<b>34,529</b>	<b>66</b>	<b>-3,845</b>	<b>83</b>	<b>-188</b>	<b>30,646</b>
<b>2022</b>									
January	3,628	3,235	252	2,983	6	-315	1,013	-95	3,593
February	3,266	2,914	227	2,687	5	-288	673	-17	3,059
March	3,663	3,282	256	3,026	6	-380	171	-43	2,781
April	3,568	3,199	250	2,950	6	-342	-220	-33	2,360
May	3,695	3,332	260	3,072	6	-386	-412	-39	2,241
June	3,565	3,232	252	2,980	6	-325	-332	-13	2,317
July	3,736	3,375	263	3,112	6	-303	-187	-46	2,583
August	3,730	3,392	265	3,128	6	-322	-213	-39	2,559
September	3,669	3,330	260	3,071	6	-293	-446	-50	2,288
October	3,814	3,438	268	3,170	6	-315	-432	-66	2,364
November	3,712	3,327	259	3,067	6	-308	78	-77	2,767
December	3,755	3,370	263	3,107	6	-304	588	-21	3,376
<b>Total</b>	<b>43,802</b>	<b>39,428</b>	<b>3,075</b>	<b>36,353</b>	<b>73</b>	<b>-3,880</b>	<b>281</b>	<b>-539</b>	<b>32,288</b>
<b>2023</b>									
January	£3,820	£3,429	270	£3,159	7	-333	456	R15	R3,303
February	£3,456	£3,103	247	£2,856	6	-331	399	R19	R2,949
March	£3,858	£3,475	286	£3,189	6	-401	224	R-4	R3,014
April	£3,729	£3,362	283	£3,079	5	-400	-269	5	2,421
May	£3,869	£3,500	289	£3,210	6	-422	-452	-27	2,315
June	£3,720	£3,375	278	£3,098	4	-376	-344	R-20	R2,363
July	£3,827	£3,495	290	£3,205	6	-378	-134	R-33	2,666
August	£3,850	£3,534	294	£3,240	5	-388	-133	R-51	R2,673
September	£3,761	£3,426	291	£3,135	3	-396	-323	-46	2,373
October	£3,909	£3,537	302	£3,235	3	-421	-321	-58	2,438
November	£3,841	£3,469	292	£3,177	5	-403	65	R-21	2,823
December	RE3,994	RE3,592	292	RE3,300	6	-432	284	R11	3,169
<b>Total</b>	<b>RE45,633</b>	<b>RE41,296</b>	<b>3,413</b>	<b>RE37,883</b>	<b>63</b>	<b>-4,682</b>	<b>-548</b>	<b>R-210</b>	<b>R32,507</b>
<b>2024</b>									
January	RE3,867	RE3,474	269	RE3,205	6	-350	844	R-8	3,696
February	£3,714	£3,340	276	£3,064	5	-385	262	22	2,969
<b>2024 2-month YTD</b>	<b>£7,580</b>	<b>£6,814</b>	<b>545</b>	<b>£6,270</b>	<b>11</b>	<b>-735</b>	<b>1,106</b>	<b>14</b>	<b>6,666</b>
<b>2023 2-month YTD</b>	<b>£7,275</b>	<b>£6,532</b>	<b>517</b>	<b>£6,015</b>	<b>13</b>	<b>-664</b>	<b>855</b>	<b>34</b>	<b>6,252</b>
<b>2022 2-month YTD</b>	<b>6,895</b>	<b>6,150</b>	<b>480</b>	<b>5,670</b>	<b>11</b>	<b>-603</b>	<b>1,686</b>	<b>-112</b>	<b>6,652</b>

<sup>a</sup> We derive monthly natural gas plant liquid (NGPL) production, gaseous equivalent, 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> We only collect supplemental gaseous fuels data on an annual basis except for the Dakota Gasification Co. coal gasification facility, which provides data each month. We calculate the ratio of annual supplemental fuels (excluding Dakota Gasification Co.) to the sum of dry gas production, net imports, and net withdrawals from storage. We apply this ratio to the monthly sum of these three elements. We add the Dakota Gasification Co. monthly value to the result to produce the monthly supplemental fuels estimate.

<sup>d</sup> Monthly and annual data for 2019 through 2022 include underground storage and liquefied natural gas storage. Data for January 2023 forward include underground storage only. Appendix A, Explanatory Note 5, contains a 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 excludes net intransit deliveries. These net intransit deliveries were (in billion cubic feet): 91 for 2022; 184 for 2021; 207 for 2020; and -8 for 2019. Appendix A, Explanatory Note 7, contains a full discussion of balancing item calculations.

<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>RE</sup> Revised estimated data.

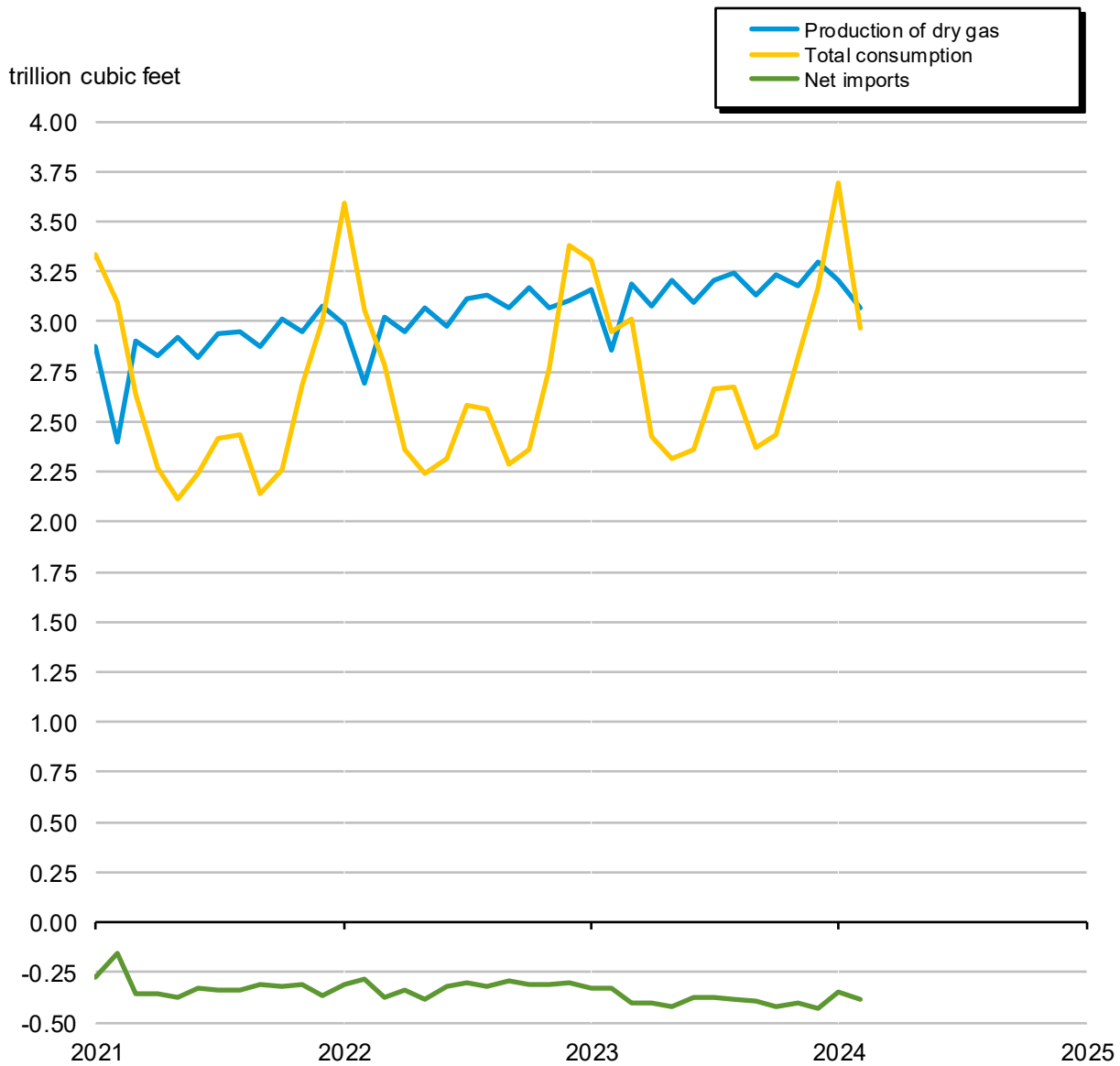
<sup>E</sup> Estimated data.

**Source:** 2019-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*. January 2023 through current month: Form EIA-914, *Monthly Crude Oil and 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 and Carbon Management, *Natural Gas Imports and Exports*. Table 7 includes detailed source notes for Marketed Production. Appendix A, Notes 3 and 4, includes discussion of computation and estimation procedures and revision policies.

**Note:** Data for 2019 through 2022 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.



Figure 1. Production, consumption, and net imports of natural gas in the United States, 2021-2024



Source: 2021-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*. January 2023 through current month: Form EIA-914, *Monthly Crude Oil and 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 and Carbon Management, *Natural Gas Imports and Exports*.

**Table 2. Natural gas consumption in the United States, 2019-2024**

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>2019 total</b>	<b>1,823</b>	<b>1,018</b>	<b>5,019</b>	<b>3,515</b>	<b>8,417</b>	<b>11,288</b>	<b>53</b>	<b>28,291</b>	<b>31,132</b>	<b>1,038</b>
<b>2020 total</b>	<b>1,851</b>	<b>1,020</b>	<b>4,674</b>	<b>3,163</b>	<b>8,213</b>	<b>11,632</b>	<b>49</b>	<b>27,731</b>	<b>30,603</b>	<b>1,037</b>
<b>2021 total</b>	<b>1,851</b>	<b>1,131</b>	<b>4,717</b>	<b>3,289</b>	<b>8,375</b>	<b>11,229</b>	<b>54</b>	<b>27,663</b>	<b>30,646</b>	<b>1,037</b>
<b>2022</b>										
January	154	137	958	551	826	961	6	3,302	3,593	1,038
February	139	116	791	464	729	815	5	2,804	3,059	1,038
March	157	105	588	385	761	779	6	2,519	2,781	1,036
April	153	88	384	276	706	748	5	2,120	2,360	1,035
May	159	83	201	183	684	925	6	1,999	2,241	1,034
June	154	86	124	146	655	1,146	5	2,076	2,317	1,033
July	161	97	110	144	665	1,400	6	2,325	2,583	1,033
August	162	96	103	141	677	1,375	6	2,302	2,559	1,035
September	159	85	114	150	653	1,122	5	2,044	2,288	1,036
October	164	88	242	223	692	950	6	2,112	2,364	1,036
November	159	104	513	353	729	903	5	2,504	2,767	1,036
December	161	128	835	492	761	993	6	3,087	3,376	1,041
<b>Total</b>	<b>1,883</b>	<b>1,212</b>	<b>4,964</b>	<b>3,509</b>	<b>8,537</b>	<b>12,118</b>	<b>65</b>	<b>29,193</b>	<b>32,288</b>	<b>1,036</b>
<b>2023</b>										
January	£164	£124	799	475	£770	967	£5	£3,015	£3,303	1,039
February	£148	£111	£684	£424	708	870	£4	£2,690	£2,949	1,038
March	£166	£113	633	408	£757	932	£5	£2,735	£3,014	1,036
April	£161	£91	338	253	706	869	£4	2,170	2,421	1,035
May	£167	£87	197	183	681	996	£5	2,061	2,315	1,034
June	£161	£89	129	149	£654	1,176	£4	£2,113	£2,363	1,034
July	£167	£100	111	143	669	1,471	£5	2,399	2,666	1,035
August	£169	£100	104	145	£688	1,462	£5	£2,404	£2,673	1,035
September	£164	£89	113	146	665	1,191	£4	2,120	2,373	1,034
October	£169	£92	227	224	706	1,016	£5	2,178	2,438	1,035
November	£166	£106	493	£346	743	965	£4	£2,551	2,823	1,037
December	£172	£119	656	413	791	1,014	£5	2,878	3,169	1,038
<b>Total</b>	<b>£1,972</b>	<b>£1,221</b>	<b>£4,483</b>	<b>£3,310</b>	<b>£8,538</b>	<b>12,930</b>	<b>£53</b>	<b>£29,314</b>	<b>£32,507</b>	<b>1,036</b>
<b>2024</b>										
January	£166	£139	919	535	802	1,131	£5	3,392	3,696	1,039
February	£159	£111	646	416	718	914	£4	2,698	2,969	1,039
<b>2024 2-month YTD</b>	<b>£325</b>	<b>£250</b>	<b>1,565</b>	<b>951</b>	<b>1,520</b>	<b>2,045</b>	<b>£9</b>	<b>6,090</b>	<b>6,666</b>	<b>1,039</b>
<b>2023 2-month YTD</b>	<b>£312</b>	<b>£235</b>	<b>1,483</b>	<b>899</b>	<b>1,478</b>	<b>1,837</b>	<b>£9</b>	<b>5,706</b>	<b>6,252</b>	<b>1,039</b>
<b>2022 2-month YTD</b>	<b>294</b>	<b>254</b>	<b>1,749</b>	<b>1,015</b>	<b>1,555</b>	<b>1,776</b>	<b>11</b>	<b>6,105</b>	<b>6,652</b>	<b>1,038</b>

<sup>a</sup> We only collect plant fuel data and lease fuel data annually. We estimate monthly lease and plant fuel use from monthly marketed production by assuming that the preceding annual percentage remains constant for the next 12 months.

<sup>b</sup> We base published pipeline and distribution use data on reports collected on an annual basis. We estimate monthly pipeline and distribution use data 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 downs, as well as fuel used in liquefaction and regasification.

<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. Appendix A, Explanatory Note 11, contains further information.

<sup>R</sup> Revised data.

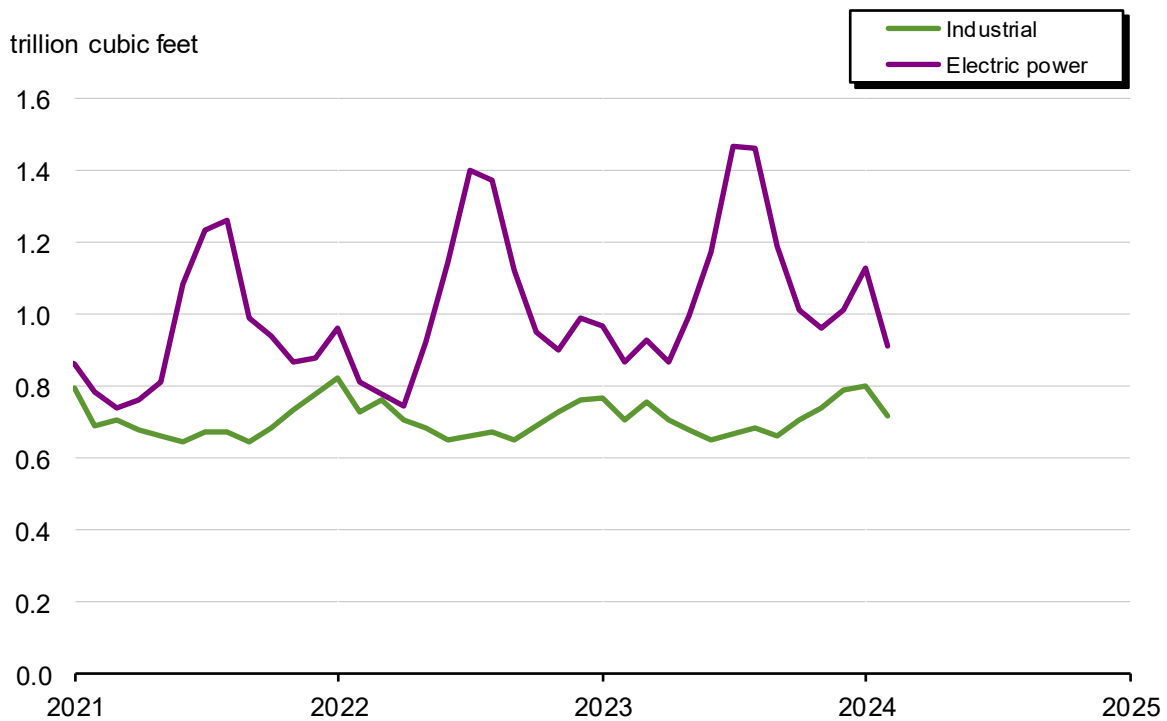
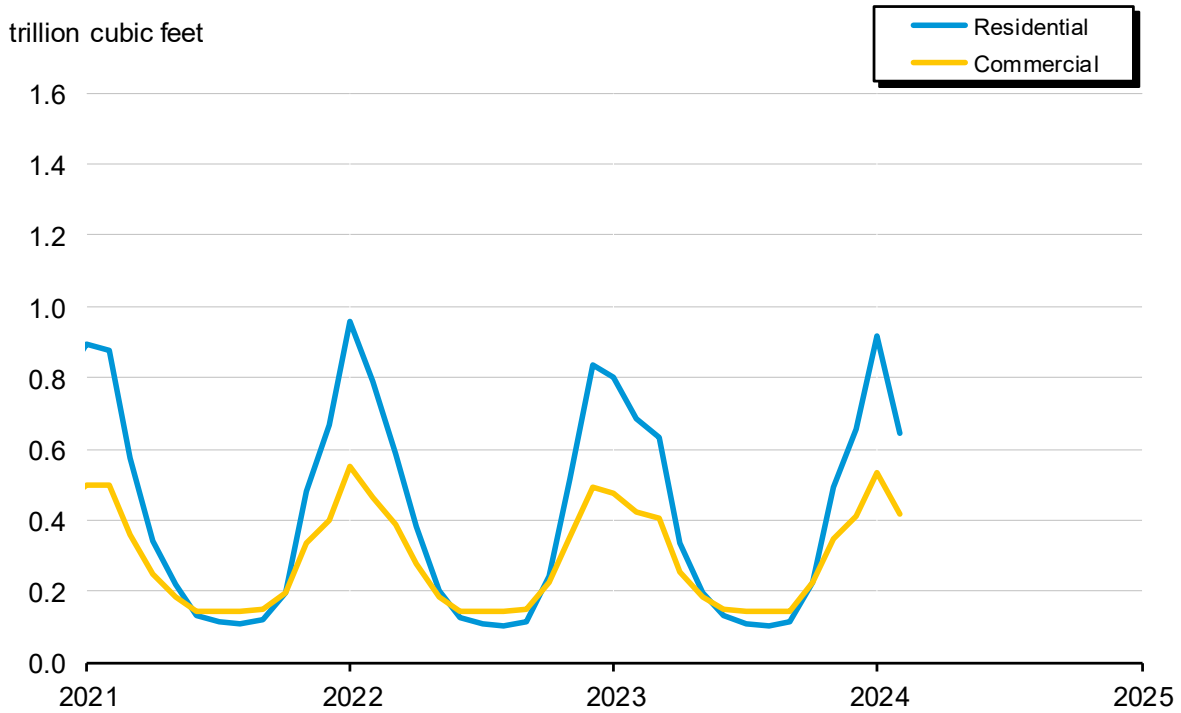
<sup>RE</sup> Revised estimated data.

<sup>E</sup> Estimated data.

**Source:** 2019-2022: U.S. 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 2022*. January 2023 through current month: Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-857; Form EIA-923, *Power Plant Operations Report*. Appendix A, Explanatory Note 6, contains an explanation of computation procedures and revision policy.

**Note:** Data for 2019 through 2022 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. Appendix A, Explanatory Note 6, contains a definition of sectors.

Figure 2. Natural gas deliveries to consumers in the United States, 2021-2024



Source: 2021-2022: U.S. 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 2022*. January 2023 through current month: Form EIA-857 and Form EIA-923.

**Table 3. Selected national average natural gas prices, 2019-2024**

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>2019 annual average</b>	<b>5.49</b>	<b>2.56</b>	<b>3.81</b>	<b>10.51</b>	<b>96.2</b>	<b>7.61</b>	<b>65.5</b>	<b>3.90</b>	<b>13.0</b>	<b>2.99</b>
<b>2020 annual average</b>	<b>4.47</b>	<b>2.03</b>	<b>3.43</b>	<b>10.78</b>	<b>96.3</b>	<b>7.48</b>	<b>64.6</b>	<b>3.32</b>	<b>13.2</b>	<b>2.49</b>
<b>2021 annual average</b>	<b>9.02</b>	<b>3.89</b>	<b>6.02</b>	<b>12.18</b>	<b>96.6</b>	<b>8.79</b>	<b>65.1</b>	<b>5.44</b>	<b>13.4</b>	<b>5.43</b>
<b>2022</b>										
January	10.57	4.38	5.48	12.04	96.9	9.82	71.4	6.47	13.3	6.97
February	11.36	4.69	5.77	12.14	96.7	10.02	69.9	7.32	13.8	6.26
March	12.62	4.90	5.55	12.94	96.5	10.21	68.4	6.18	14.1	5.32
April	12.19	6.60	6.53	13.97	96.2	10.60	65.4	6.68	13.9	6.45
May	12.44	8.14	8.51	17.67	96.0	12.07	60.7	8.08	13.4	7.79
June	12.48	7.70	9.77	22.50	96.2	13.45	57.5	9.30	13.3	8.23
July	11.41	7.28	8.72	24.55	96.6	13.50	55.7	7.85	13.3	7.76
August	11.19	8.80	10.31	25.34	96.8	14.14	55.0	9.40	13.0	9.33
September	9.72	7.88	9.69	24.50	96.8	14.54	55.6	9.58	12.9	8.46
October	8.65	5.66	6.79	18.61	96.9	12.84	60.1	7.16	13.1	6.03
November	8.46	5.45	6.72	15.55	97.2	11.87	66.6	6.74	13.3	5.96
December	7.43	5.53	8.12	14.68	97.1	11.99	70.2	8.04	13.5	9.53
<b>Annual average</b>	<b>10.71</b>	<b>6.45</b>	<b>6.89</b>	<b>14.75</b>	<b>96.7</b>	<b>11.32</b>	<b>65.8</b>	<b>7.66</b>	<b>13.4</b>	<b>7.51</b>
<b>2023</b>										
January	7.96	3.27	7.15	15.25	96.8	12.41	70.2	7.27	13.6	7.50
February	7.90	2.38	6.55	14.98	96.9	11.97	69.6	5.98	13.7	4.64
March	7.21	2.31	5.28	13.76	96.9	10.93	68.7	5.05	13.3	3.51
April	7.13	2.16	4.33	14.40	96.5	10.41	65.1	4.08	12.9	2.81
May	6.09	2.15	4.17	16.70	96.2	10.44	60.7	3.59	13.0	2.63
June	5.69	2.18	4.67	20.11	96.6	10.65	57.5	3.60	12.4	2.67
July	6.81	2.55	5.04	21.98	96.8	10.82	55.6	3.93	12.5	3.07
August	6.96	2.58	4.80	23.23	96.6	11.02	54.9	3.78	13.2	3.02
September	7.47	2.64	5.03	21.86	96.7	10.84	55.9	3.90	12.5	2.95
October	6.85	2.98	4.16	16.71	97.3	10.05	61.2	4.13	13.0	3.02
November	6.53	2.72	4.36	13.37	97.1	9.66	66.1	4.40	13.8	3.52
December	6.63	2.52	4.39	12.94	97.2	9.83	68.7	4.58	13.7	3.42
<b>Annual average</b>	<b>6.92</b>	<b>2.53</b>	<b>5.29</b>	<b>15.23</b>	<b>96.9</b>	<b>10.92</b>	<b>65.3</b>	<b>4.59</b>	<b>13.1</b>	<b>3.49</b>
<b>2024</b>										
January	7.28	3.18	4.76	11.82	96.7	9.43	70.9	4.96	14.1	5.07
February	7.47	1.72	4.52	13.25	97.1	10.06	68.9	4.71	14.4	3.01
<b>2024 2-month YTD</b>	<b>7.37</b>	<b>2.47</b>	<b>4.66</b>	<b>12.46</b>	<b>96.9</b>	<b>9.72</b>	<b>69.9</b>	<b>4.84</b>	<b>14.3</b>	<b>4.15</b>
<b>2023 2-month YTD</b>	<b>7.93</b>	<b>2.84</b>	<b>6.86</b>	<b>15.12</b>	<b>96.9</b>	<b>12.20</b>	<b>69.9</b>	<b>6.65</b>	<b>13.6</b>	<b>6.15</b>
<b>2022 2-month YTD</b>	<b>10.95</b>	<b>4.53</b>	<b>5.61</b>	<b>12.09</b>	<b>96.8</b>	<b>9.92</b>	<b>70.6</b>	<b>6.88</b>	<b>13.6</b>	<b>6.64</b>

<sup>a</sup> We derive the natural gas plant liquid (NGPL) composite spot price, shown in dollars per million Btu (\$/MMBtu), 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*. Appendix A, Explanatory Note 9, contains a full discussion of spot prices.

<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 Refinitiv, an LSEG business. Appendix A, Explanatory Note 9, contains a full discussion of spot prices.

<sup>c</sup> Percentage of total deliveries represented by onsystem sales (as shown in Figure 6). Table 24 contains state data.

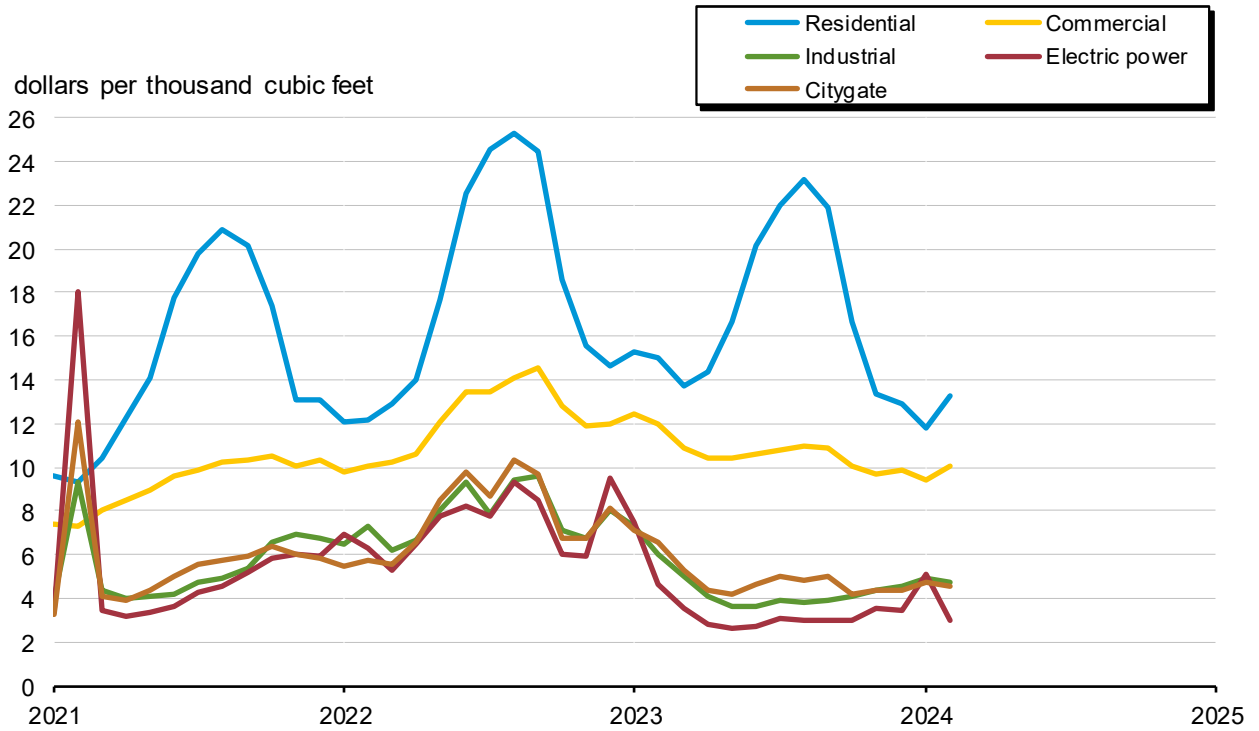
<sup>d</sup> The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Data include nonregulated members of the electric power sector.

<sup>R</sup> Revised data.

**Source:** 2019-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*. January 2023 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; Refinitiv, an LSEG business; and EIA estimates.

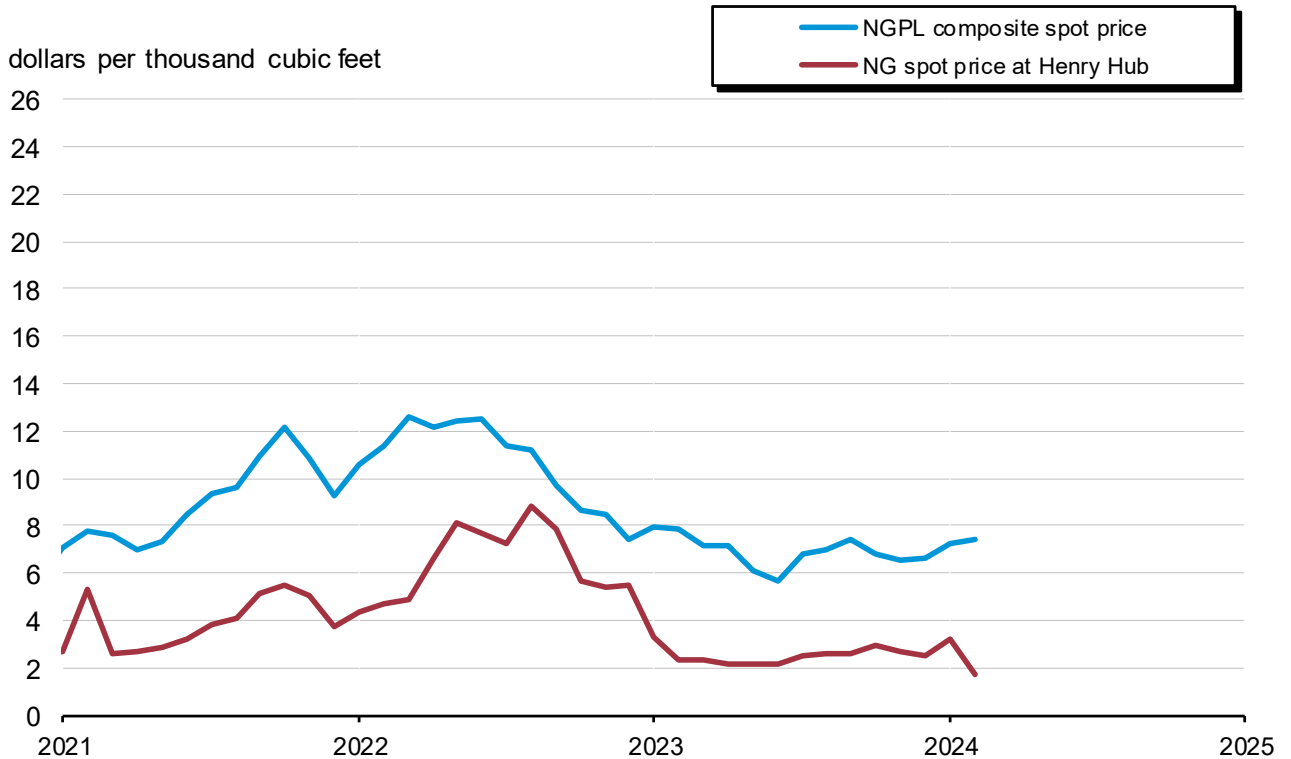
**Note:** Prices are in nominal dollars. U.S. prices represent the weighted average of the states in each sector. Data for 2019 through 2022 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 states and the District of Columbia. Published residential, 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.

**Figure 3. Average citygate and consumer prices of natural gas in the United States, 2021-2024**



Source: 2021-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*. January 2023 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; Refinitiv, an LSEG business; and EIA estimates.  
 Note: Prices are in nominal dollars.

**Figure 4. Spot prices of natural gas and natural gas plant liquids in the United States, 2021-2024**



Source: 2021-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*. January 2023 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; Refinitiv, an LSEG business; and EIA estimates.  
 Note: Prices are in nominal dollars.

**Table 4. U.S. natural gas imports, 2022-2024**

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

	2024	2023	2022	2024		2023	
	2-month YTD	2-month YTD	2-month YTD	February	January	Total	December
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	575,115	511,600	542,950	256,064	319,051	2,912,715	274,666
Mexico	43	764	243	20	<sup>R</sup> 23	<sup>R</sup> 986	22
<b>Total pipeline imports</b>	<b>575,158</b>	<b>512,365</b>	<b>543,193</b>	<b>256,085</b>	<b><sup>R</sup>319,073</b>	<b><sup>R</sup>2,913,701</b>	<b>274,688</b>
<b>LNG</b>							
By truck							
Canada	254	140	130	143	111	2,052	104
By vessel							
Jamaica	0	1,259	0	0	0	1,259	0
Norway	2,937	0	0	0	2,937	0	0
Trinidad/Tobago	3,911	5,321	10,829	2,620	1,291	11,929	2,657
<b>Total LNG imports</b>	<b>7,102</b>	<b>6,720</b>	<b>10,959</b>	<b>2,763</b>	<b>4,339</b>	<b>15,239</b>	<b>2,761</b>
<b>CNG</b>							
Canada	71	76	73	33	39	346	28
<b>Total CNG imports</b>	<b>71</b>	<b>76</b>	<b>73</b>	<b>33</b>	<b>39</b>	<b>346</b>	<b>28</b>
<b>Total imports</b>	<b>582,332</b>	<b>519,160</b>	<b>554,226</b>	<b>258,880</b>	<b><sup>R</sup>323,451</b>	<b><sup>R</sup>2,929,286</b>	<b>277,477</b>
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	3.52	6.61	5.77	2.33	4.48	3.23	2.67
Mexico	1.51	21.11	7.71	1.45	1.56	<sup>R</sup> 16.68	1.67
<b>Total pipeline imports</b>	<b>3.52</b>	<b>6.63</b>	<b>5.77</b>	<b>2.33</b>	<b>4.48</b>	<b>3.23</b>	<b>2.67</b>
<b>LNG</b>							
By truck							
Canada	4.62	8.21	6.12	4.86	4.31	4.74	4.89
By vessel							
Jamaica	--	40.24	--	--	--	40.24	--
Norway	13.42	--	--	--	13.42	--	--
Trinidad/Tobago	13.08	27.62	35.18	13.06	13.12	20.02	16.08
<b>Total LNG imports</b>	<b>12.92</b>	<b>29.57</b>	<b>34.84</b>	<b>12.64</b>	<b>13.10</b>	<b>19.63</b>	<b>15.66</b>
<b>CNG</b>							
Canada	4.68	18.79	19.84	4.45	4.87	6.67	3.85
<b>Total CNG imports</b>	<b>4.68</b>	<b>18.79</b>	<b>19.84</b>	<b>4.45</b>	<b>4.87</b>	<b>6.67</b>	<b>3.85</b>
<b>Total imports</b>	<b>3.64</b>	<b>6.93</b>	<b>6.35</b>	<b>2.44</b>	<b>4.59</b>	<b>3.32</b>	<b>2.80</b>
<b>Net imports - volume</b>	<b>-735,101</b>	<b>-664,218</b>	<b>-603,038</b>	<b>-384,684</b>	<b><sup>R</sup>-350,417</b>	<b><sup>R</sup>-4,681,781</b>	<b>-431,929</b>

See footnotes at end of table.

**Table 4. U.S. natural gas imports, 2022-2024**

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

							2023
	November	October	September	August	July	June	May
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	251,343	230,700	229,786	246,138	254,550	231,243	214,467
Mexico	21	23	21	22	R22	21	23
<b>Total pipeline imports</b>	<b>251,363</b>	<b>230,723</b>	<b>229,808</b>	<b>246,160</b>	<b>R254,572</b>	<b>231,264</b>	<b>214,490</b>
<b>LNG</b>							
By truck							
Canada	152	221	178	261	244	267	251
By vessel							
Jamaica	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	0	0	0	0	1,257	0	1,370
<b>Total LNG imports</b>	<b>152</b>	<b>221</b>	<b>178</b>	<b>261</b>	<b>1,501</b>	<b>267</b>	<b>1,621</b>
<b>CNG</b>							
Canada	21	26	23	14	20	23	34
<b>Total CNG imports</b>	<b>21</b>	<b>26</b>	<b>23</b>	<b>14</b>	<b>20</b>	<b>23</b>	<b>34</b>
<b>Total imports</b>	<b>251,536</b>	<b>230,969</b>	<b>230,008</b>	<b>246,435</b>	<b>R256,093</b>	<b>231,555</b>	<b>216,145</b>
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	3.02	2.36	2.27	2.52	2.39	2.02	1.98
Mexico	1.81	1.62	1.54	1.41	1.68	1.23	1.05
<b>Total pipeline imports</b>	<b>3.02</b>	<b>2.36</b>	<b>2.27</b>	<b>2.52</b>	<b>2.39</b>	<b>2.01</b>	<b>1.98</b>
<b>LNG</b>							
By truck							
Canada	4.97	4.62	5.14	4.20	4.25	4.24	4.03
By vessel							
Jamaica	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	--	--	--	--	11.51	--	6.60
<b>Total LNG imports</b>	<b>4.97</b>	<b>4.62</b>	<b>5.14</b>	<b>4.20</b>	<b>10.33</b>	<b>4.24</b>	<b>6.20</b>
<b>CNG</b>							
Canada	2.91	2.12	1.79	2.02	2.28	3.14	2.70
<b>Total CNG imports</b>	<b>2.91</b>	<b>2.12</b>	<b>1.79</b>	<b>2.02</b>	<b>2.28</b>	<b>3.14</b>	<b>2.70</b>
<b>Total imports</b>	<b>3.02</b>	<b>2.36</b>	<b>2.28</b>	<b>2.52</b>	<b>2.44</b>	<b>2.02</b>	<b>2.01</b>
<b>Net imports - volume</b>	<b>-403,173</b>	<b>-420,836</b>	<b>-395,616</b>	<b>-388,064</b>	<b>R-378,392</b>	<b>-375,753</b>	<b>-422,237</b>

See footnotes at end of table.

**Table 4. U.S. natural gas imports, 2022-2024**

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

	2023				2022		
	April	March	February	January	Total	December	November
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	220,126	248,095	239,221	272,379	2,997,452	289,780	244,755
Mexico	23	24	617	<sup>R</sup> 147	1,064	146	22
<b>Total pipeline imports</b>	<b>220,149</b>	<b>248,119</b>	<b>239,838</b>	<b><sup>R</sup>272,526</b>	<b>2,998,515</b>	<b>289,926</b>	<b>244,777</b>
<b>LNG</b>							
By truck							
Canada	200	34	64	76	1,732	173	180
By vessel							
Jamaica	0	0	0	1,259	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	0	1,324	3,992	1,329	23,535	2,810	1,216
<b>Total LNG imports</b>	<b>200</b>	<b>1,358</b>	<b>4,057</b>	<b>2,663</b>	<b>25,268</b>	<b>2,983</b>	<b>1,395</b>
<b>CNG</b>							
Canada	39	42	36	40	377	31	29
<b>Total CNG imports</b>	<b>39</b>	<b>42</b>	<b>36</b>	<b>40</b>	<b>377</b>	<b>31</b>	<b>29</b>
<b>Total imports</b>	<b>220,387</b>	<b>249,519</b>	<b>243,931</b>	<b><sup>R</sup>275,230</b>	<b>3,024,160</b>	<b>292,940</b>	<b>246,201</b>
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.50	3.19	4.83	8.17	6.14	9.46	5.61
Mexico	0.88	1.40	19.86	<sup>R</sup> 26.36	14.72	23.62	3.63
<b>Total pipeline imports</b>	<b>2.50</b>	<b>3.19</b>	<b>4.87</b>	<b>8.18</b>	<b>6.15</b>	<b>9.46</b>	<b>5.61</b>
<b>LNG</b>							
By truck							
Canada	4.61	4.98	6.93	9.29	8.09	9.28	7.29
By vessel							
Jamaica	--	--	--	40.24	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	--	19.39	23.26	40.71	30.01	38.97	43.69
<b>Total LNG imports</b>	<b>4.61</b>	<b>19.02</b>	<b>23.00</b>	<b>39.59</b>	<b>28.51</b>	<b>37.25</b>	<b>39.01</b>
<b>CNG</b>							
Canada	3.20	5.95	12.97	24.00	11.50	23.74	7.13
<b>Total CNG imports</b>	<b>3.20</b>	<b>5.95</b>	<b>12.97</b>	<b>24.00</b>	<b>11.50</b>	<b>23.74</b>	<b>7.13</b>
<b>Total imports</b>	<b>2.50</b>	<b>3.28</b>	<b>5.17</b>	<b>8.49</b>	<b>6.33</b>	<b>9.75</b>	<b>5.80</b>
<b>Net imports - volume</b>	<b>-400,309</b>	<b>-401,254</b>	<b>-330,842</b>	<b><sup>R</sup>-333,376</b>	<b>-3,879,742</b>	<b>-304,375</b>	<b>-307,572</b>

See footnotes at end of table.



**Table 4. U.S. natural gas imports, 2022-2024**

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

	2022						
	October	September	August	July	June	May	April
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	239,239	233,605	232,632	254,087	228,653	230,195	244,792
Mexico	24	133	176	196	24	24	24
<b>Total pipeline imports</b>	<b>239,263</b>	<b>233,738</b>	<b>232,808</b>	<b>254,283</b>	<b>228,677</b>	<b>230,218</b>	<b>244,816</b>
<b>LNG</b>							
By truck							
Canada	208	160	190	150	178	163	151
By vessel							
Jamaica	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	0	0	2,862	2,736	0	482	0
<b>Total LNG imports</b>	<b>208</b>	<b>160</b>	<b>3,052</b>	<b>2,886</b>	<b>178</b>	<b>645</b>	<b>151</b>
<b>CNG</b>							
Canada	36	29	24	27	27	36	31
<b>Total CNG imports</b>	<b>36</b>	<b>29</b>	<b>24</b>	<b>27</b>	<b>27</b>	<b>36</b>	<b>31</b>
<b>Total imports</b>	<b>239,507</b>	<b>233,927</b>	<b>235,884</b>	<b>257,197</b>	<b>228,882</b>	<b>230,899</b>	<b>244,998</b>
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	4.67	5.99	6.50	5.93	7.03	6.70	5.49
Mexico	4.59	23.67	22.00	12.62	7.81	6.16	4.20
<b>Total pipeline imports</b>	<b>4.67</b>	<b>6.00</b>	<b>6.51</b>	<b>5.93</b>	<b>7.03</b>	<b>6.70</b>	<b>5.49</b>
<b>LNG</b>							
By truck							
Canada	8.51	8.61	7.96	8.91	9.16	7.65	7.36
By vessel							
Jamaica	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	--	--	15.36	11.96	--	12.83	--
<b>Total LNG imports</b>	<b>8.51</b>	<b>8.61</b>	<b>14.89</b>	<b>11.80</b>	<b>9.16</b>	<b>11.52</b>	<b>7.36</b>
<b>CNG</b>							
Canada	6.22	9.23	9.46	7.27	8.94	7.48	6.07
<b>Total CNG imports</b>	<b>6.22</b>	<b>9.23</b>	<b>9.46</b>	<b>7.27</b>	<b>8.94</b>	<b>7.48</b>	<b>6.07</b>
<b>Total imports</b>	<b>4.67</b>	<b>6.00</b>	<b>6.62</b>	<b>6.00</b>	<b>7.03</b>	<b>6.72</b>	<b>5.49</b>
<b>Net imports - volume</b>	<b>-314,822</b>	<b>-292,538</b>	<b>-322,147</b>	<b>-302,645</b>	<b>-324,877</b>	<b>-385,766</b>	<b>-342,387</b>

See footnotes at end of table.

**Table 4. U.S. natural gas imports, 2022-2024**

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

	2022		
	March	February	January
<b>Imports</b>			
Volume (million cubic feet)			
<b>Pipeline</b>			
Canada <sup>a</sup>	256,763	253,247	289,703
Mexico	53	189	54
<b>Total pipeline imports</b>	<b>256,816</b>	<b>253,436</b>	<b>289,757</b>
<b>LNG</b>			
By truck			
Canada	49	55	75
By vessel			
Jamaica	0	0	0
Norway	0	0	0
Trinidad/Tobago	2,600	4,448	6,381
<b>Total LNG imports</b>	<b>2,649</b>	<b>4,503</b>	<b>6,456</b>
<b>CNG</b>			
Canada	34	38	35
<b>Total CNG imports</b>	<b>34</b>	<b>38</b>	<b>35</b>
<b>Total imports</b>	<b>259,499</b>	<b>257,977</b>	<b>296,248</b>
Average Price (dollars per thousand cubic feet)			
<b>Pipeline</b>			
Canada	4.44	5.25	6.23
Mexico	4.42	7.95	6.87
<b>Total pipeline imports</b>	<b>4.44</b>	<b>5.25</b>	<b>6.23</b>
<b>LNG</b>			
By truck			
Canada	6.31	5.96	6.24
By vessel			
Jamaica	--	--	--
Norway	--	--	--
Trinidad/Tobago	30.70	29.59	39.08
<b>Total LNG imports</b>	<b>30.24</b>	<b>29.30</b>	<b>38.70</b>
<b>CNG</b>			
Canada	9.80	20.64	18.96
<b>Total CNG imports</b>	<b>9.80</b>	<b>20.64</b>	<b>18.96</b>
<b>Total imports</b>	<b>4.70</b>	<b>5.67</b>	<b>6.94</b>
<b>Net imports - volume</b>	<b>-379,575</b>	<b>-288,450</b>	<b>-314,587</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 and Carbon Management.

-- Not applicable.

<sup>R</sup> Revised data.

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

**Note:** In the case of missing import or export reports on Form FE-746R, *Import and Export of Natural Gas*, we estimate 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. The "LNG Monthly" (<https://www.energy.gov/fecm/listings/natural-gas-imports-and-exports-monthly-reports>) from the Office of Fossil Energy and Carbon Management, U.S. Department of Energy, provides more information on what is included in the individual LNG prices. Totals may not equal sum of components because of independent rounding and/or withheld data.

Table 5. U.S. natural gas exports, 2022-2024

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

	2024	2023	2022	2024		2023	
	2-month YTD	2-month YTD	2-month YTD	February	January	Total	December
<b>Exports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada	207,071	201,113	156,207	114,539	92,532	1,026,097	111,869
Mexico	354,549	318,835	330,499	169,473	185,076	2,241,553	174,602
<b>Total pipeline exports</b>	<b>561,620</b>	<b>519,948</b>	<b>486,706</b>	<b>284,012</b>	<b>277,608</b>	<b>3,267,651</b>	<b>286,471</b>
<b>LNG</b>							
Exports							
By vessel							
Antigua and Barbuda	2	5	2	0	2	47	6
Argentina	0	2,287	0	0	0	76,921	0
Bahamas	76	69	65	34	42	499	32
Bangladesh	0	3,369	5,896	0	0	24,147	3,257
Barbados	59	0	59	37	22	11	11
Belgium	23,641	10,963	21,478	9,386	14,255	97,017	14,272
Brazil	14,473	0	27,981	6,180	8,292	38,595	3,708
Chile	7,218	3,307	3,162	3,522	3,696	31,217	0
China	24,256	20,461	3,357	16,312	7,944	173,247	13,949
Colombia	12,566	0	486	6,101	6,465	32,014	7,162
Croatia	12,841	8,919	14,953	3,377	9,464	55,439	3,050
Dominican Republic	14,595	7,157	6,647	7,106	7,489	73,761	3,177
El Salvador	0	0	0	0	0	1	0
Finland	0	0	0	0	0	38,858	2,762
France	77,412	73,581	89,731	49,363	28,049	492,696	40,692
Germany	34,086	22,543	0	16,715	17,371	204,605	19,439
Greece	10,290	9,988	9,896	3,136	7,153	39,426	8,287
Haiti	22	19	36	6	16	113	13
India	24,215	21,021	14,075	13,530	10,685	164,325	17,062
Indonesia	0	805	717	0	0	3,157	0
Italy	36,222	24,480	20,666	11,455	24,767	197,513	21,283
Jamaica	7,164	268	197	588	6,576	9,048	480
Japan	42,167	31,755	31,741	22,827	19,340	310,190	27,461
Jordan	0	0	0	0	0	3,282	0
Kuwait	3,175	0	5,277	3,175	0	35,185	0
Lithuania	8,257	6,713	6,649	7,174	1,083	55,332	3,409
Malta	0	2,592	2,345	0	0	2,592	0
Mexico	87	3,219	0	87	0	13,661	3,660
Netherlands	87,375	75,754	47,869	45,501	41,873	588,557	48,658
Pakistan	0	0	0	0	0	3,141	3,141
Panama	3,677	2,718	6,324	0	3,677	19,565	328
Philippines	0	0	0	0	0	6,823	0
Poland	16,448	21,885	11,170	10,702	5,746	139,635	10,862
Portugal	18,887	12,953	6,571	9,384	9,503	73,158	2,945
Singapore	10,045	0	0	6,851	3,194	23,320	0
South Korea	36,832	47,180	49,313	16,193	20,640	275,779	35,187
Spain	52,473	46,125	88,738	13,660	38,812	269,202	15,629
Taiwan	19,705	10,028	12,326	13,151	6,555	104,075	6,655
Thailand	16,713	5,567	8,370	8,809	7,904	59,477	3,818
Turkiye	63,147	52,727	88,778	20,454	42,693	156,403	42,304
United Kingdom	77,046	134,734	85,361	34,117	42,928	450,694	60,209
By truck							
Canada	0	0	17	0	0	85	7
Mexico	35	239	304	14	21	604	20
Re-exports							
By vessel							
United Kingdom	607	0	0	607	0	0	0
<b>Total LNG exports</b>	<b>755,813</b>	<b>663,430</b>	<b>670,557</b>	<b>359,553</b>	<b>396,260</b>	<b>4,343,415</b>	<b>422,935</b>
<b>CNG</b>							
Canada	0	*	0	0	0	1	0
<b>Total CNG exports</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>Total exports</b>	<b>1,317,433</b>	<b>1,183,378</b>	<b>1,157,263</b>	<b>643,565</b>	<b>673,868</b>	<b>7,611,067</b>	<b>709,406</b>

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

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

							2023
	November	October	September	August	July	June	May
<b>Exports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada	89,446	66,936	76,619	68,390	76,567	75,320	77,984
Mexico	179,002	200,466	202,402	213,050	208,625	204,115	193,623
<b>Total pipeline exports</b>	<b>268,448</b>	<b>267,402</b>	<b>279,021</b>	<b>281,440</b>	<b>285,193</b>	<b>279,435</b>	<b>271,608</b>
<b>LNG</b>							
Exports							
By vessel							
Antigua and Barbuda	4	7	7	5	4	3	3
Argentina	0	0	0	0	11,162	22,663	26,930
Bahamas	34	34	51	47	47	45	45
Bangladesh	3,240	0	0	7,095	0	3,624	3,561
Barbados	0	0	0	0	0	0	0
Belgium	10,288	20,775	13,697	3,363	0	6,953	3,809
Brazil	3,563	3,720	6,561	3,287	0	8,628	4,196
Chile	0	0	0	3,065	7,144	4,011	6,419
China	25,601	18,013	10,222	14,252	35,337	20,261	6,593
Colombia	1,844	6,689	10,322	3,149	0	0	2,847
Croatia	9,995	0	10,542	3,023	10,121	0	2,932
Dominican Republic	8,647	8,826	6,734	10,055	6,076	7,443	7,871
El Salvador	0	0	0	0	1	0	0
Finland	3,335	0	7,057	6,630	3,666	1,622	6,935
France	58,907	53,559	32,016	34,332	20,589	45,569	51,658
Germany	14,382	17,901	17,228	20,709	17,245	15,769	16,002
Greece	0	0	1,968	4,700	0	2,924	4,498
Haiti	8	8	10	9	8	6	12
India	7,441	13,698	24,452	13,713	20,494	14,488	7,140
Indonesia	0	0	489	766	1,097	0	0
Italy	23,786	6,850	22,094	21,519	13,923	13,959	18,542
Jamaica	122	1,831	4,038	3	1,443	3	289
Japan	24,896	24,357	33,375	31,302	44,016	28,031	31,208
Jordan	0	0	0	0	3,282	0	0
Kuwait	0	0	6,636	3,289	7,081	10,670	3,802
Lithuania	0	6,476	10,666	7,005	3,375	3,629	7,048
Malta	0	0	0	0	0	0	0
Mexico	0	1,776	0	0	1,954	0	0
Netherlands	36,150	49,701	39,745	53,596	53,296	45,866	64,538
Pakistan	0	0	0	0	0	0	0
Panama	3,530	0	3,196	0	3,295	0	3,289
Philippines	3,445	3,378	0	0	0	0	0
Poland	14,500	14,213	14,121	10,550	3,635	18,046	17,422
Portugal	3,204	7,125	6,437	6,660	9,845	3,194	10,424
Singapore	0	3,279	6,649	3,384	0	10,009	0
South Korea	26,140	28,224	24,112	34,932	16,462	17,044	10,958
Spain	17,280	49,792	9,933	20,023	34,106	12,274	12,266
Taiwan	3,104	6,686	13,201	14,117	13,090	6,848	10,262
Thailand	7,581	7,538	0	14,793	7,463	4,242	0
Turkiye	27,560	4,507	3,531	0	0	0	0
United Kingdom	47,642	25,414	7,464	3,655	0	0	25,242
By truck							
Canada	7	0	16	8	8	17	7
Mexico	26	27	35	19	25	34	26
Re-exports							
By vessel							
United Kingdom	0	0	0	0	0	0	0
<b>Total LNG exports</b>	<b>386,262</b>	<b>384,403</b>	<b>346,604</b>	<b>353,059</b>	<b>349,292</b>	<b>327,872</b>	<b>366,774</b>
<b>CNG</b>							
Canada	0	0	0	0	0	0	0
<b>Total CNG exports</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total exports</b>	<b>654,710</b>	<b>651,805</b>	<b>625,625</b>	<b>634,499</b>	<b>634,485</b>	<b>607,307</b>	<b>638,382</b>

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

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

	2023				2022		
	April	March	February	January	Total	December	November
<b>Exports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada	75,674	106,178	95,691	105,422	959,630	98,718	90,179
Mexico	169,179	177,653	152,807	166,028	2,078,627	158,638	160,986
<b>Total pipeline exports</b>	<b>244,853</b>	<b>283,832</b>	<b>248,498</b>	<b>271,450</b>	<b>3,038,257</b>	<b>257,355</b>	<b>251,165</b>
<b>LNG</b>							
Exports							
By vessel							
Antigua and Barbuda	3	2	2	4	22	1	2
Argentina	11,536	2,343	2,287	0	66,939	0	0
Bahamas	43	53	27	42	489	42	35
Bangladesh	0	0	0	3,369	12,663	0	0
Barbados	0	0	0	0	93	0	1
Belgium	4,844	8,053	7,322	3,640	80,245	3,274	0
Brazil	3,598	1,334	0	0	71,998	0	0
Chile	0	7,271	0	3,307	30,131	0	0
China	3,426	5,132	2,565	17,896	96,659	6,992	17,308
Colombia	0	0	0	0	5,703	0	0
Croatia	3,163	3,694	6,006	2,913	77,286	6,204	5,122
Dominican Republic	6,901	876	3,514	3,643	50,824	6,644	0
El Salvador	0	0	0	0	0	0	0
Finland	0	6,850	0	0	329	329	0
France	53,211	28,581	39,457	34,124	571,399	38,311	50,655
Germany	18,546	24,841	8,229	14,314	7,113	7,112	1
Greece	3,905	3,156	6,781	3,207	69,031	2,869	421
Haiti	11	8	11	8	115	9	0
India	14,585	10,230	14,064	6,956	122,518	14,139	10,138
Indonesia	0	0	0	805	6,579	3,256	505
Italy	17,378	13,699	17,555	6,925	116,034	6,992	3,205
Jamaica	31	540	161	107	1,516	147	137
Japan	13,687	20,102	14,058	17,696	209,220	20,535	24,396
Jordan	0	0	0	0	0	0	0
Kuwait	3,707	0	0	0	57,018	0	0
Lithuania	3,412	3,599	0	6,713	77,212	3,281	3,708
Malta	0	0	0	2,592	5,273	0	2,928
Mexico	0	3,051	0	3,219	3,832	539	0
Netherlands	60,234	61,017	39,301	36,453	378,329	39,893	20,645
Pakistan	0	0	0	0	3,074	0	0
Panama	0	3,209	0	2,718	13,759	249	3,833
Philippines	0	0	0	0	0	0	0
Poland	7,165	7,236	10,347	11,538	127,404	13,885	3,453
Portugal	4,237	6,133	6,138	6,816	69,583	10,025	3,732
Singapore	0	0	0	0	22,980	0	0
South Korea	24,734	10,807	22,672	24,507	292,732	24,700	14,069
Spain	13,680	38,096	32,138	13,987	426,657	33,847	26,445
Taiwan	9,774	10,311	6,557	3,471	106,738	9,203	3,592
Thailand	4,225	4,249	1,829	3,738	25,988	0	0
Turkiye	13,908	11,866	13,444	39,283	192,067	17,979	31,430
United Kingdom	75,836	70,499	71,702	63,032	464,462	69,332	76,693
By truck							
Canada	7	7	0	0	76	8	0
Mexico	58	96	106	133	1,552	160	153
Re-exports							
By vessel							
United Kingdom	0	0	0	0	0	0	0
<b>Total LNG exports</b>	<b>375,843</b>	<b>366,941</b>	<b>326,275</b>	<b>337,155</b>	<b>3,865,643</b>	<b>339,960</b>	<b>302,608</b>
<b>CNG</b>							
Canada	0	*	*	*	2	0	*
<b>Total CNG exports</b>	<b>0</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>2</b>	<b>0</b>	<b>*</b>
<b>Total exports</b>	<b>620,697</b>	<b>650,773</b>	<b>574,773</b>	<b>608,605</b>	<b>6,903,902</b>	<b>597,316</b>	<b>553,774</b>

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

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

	2022						
	October	September	August	July	June	May	April
<b>Exports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada	72,738	61,926	75,220	69,774	70,105	79,214	80,475
Mexico	171,766	169,159	182,596	189,652	182,995	186,003	176,447
<b>Total pipeline exports</b>	<b>244,505</b>	<b>231,086</b>	<b>257,816</b>	<b>259,426</b>	<b>253,100</b>	<b>265,217</b>	<b>256,922</b>
<b>LNG</b>							
Exports							
By vessel							
Antigua and Barbuda	2	3	2	2	3	2	3
Argentina	0	0	2,202	9,448	25,246	20,111	9,933
Bahamas	40	43	53	45	47	42	34
Bangladesh	0	0	0	0	0	3,346	0
Barbados	0	0	0	0	0	0	0
Belgium	7,190	9,165	3,589	0	7,023	3,441	7,341
Brazil	3,439	0	10,542	5,192	3,857	15,303	3,448
Chile	0	3,365	0	6,917	0	9,943	3,530
China	22,598	10,275	10,272	784	7,329	0	10,217
Colombia	3,699	0	606	0	912	0	0
Croatia	2,922	9,073	7,824	4,600	7,925	8,543	6,763
Dominican Republic	3,469	3,196	3,357	6,532	5,838	4,964	3,645
El Salvador	0	0	0	0	0	0	0
Finland	0	0	0	0	0	0	0
France	41,959	57,943	33,885	53,443	37,564	47,150	56,343
Germany	0	0	0	0	0	0	0
Greece	4,424	0	10,763	12,922	9,633	12,650	1,336
Haiti	0	8	11	8	13	9	11
India	7,005	10,528	10,265	13,902	10,653	7,152	14,223
Indonesia	625	509	967	0	0	0	0
Italy	0	8,355	15,462	9,914	7,137	21,696	15,519
Jamaica	144	240	110	121	48	144	135
Japan	10,684	7,005	20,156	18,189	21,561	24,024	13,231
Jordan	0	0	0	0	0	0	0
Kuwait	3,299	7,038	6,415	5,382	8,105	14,204	7,298
Lithuania	7,072	3,541	7,579	7,947	6,729	11,237	13,770
Malta	0	0	0	0	0	0	0
Mexico	0	0	0	0	3,292	0	0
Netherlands	39,703	30,924	50,020	32,637	34,420	28,902	28,395
Pakistan	0	0	0	0	0	0	3,074
Panama	0	0	0	0	623	1,192	1,536
Philippines	0	0	0	0	0	0	0
Poland	7,095	16,917	6,885	17,780	14,282	18,224	13,882
Portugal	7,005	5,806	3,202	6,412	5,582	3,888	6,632
Singapore	6,628	0	0	6,275	3,352	0	0
South Korea	38,844	19,736	36,033	34,342	25,054	17,538	13,813
Spain	26,369	21,263	26,140	34,396	29,639	40,337	40,259
Taiwan	9,041	9,753	8,901	9,353	6,892	15,975	9,541
Thailand	0	3,673	3,607	0	6,920	3,419	0
Turkiye	10,333	5,458	0	0	7,542	7,281	6,637
United Kingdom	46,040	51,467	21,263	3,797	3,326	10,608	39,775
By truck							
Canada	19	0	0	0	8	8	15
Mexico	175	94	103	76	105	115	122
Re-exports							
By vessel							
United Kingdom	0	0	0	0	0	0	0
<b>Total LNG exports</b>	<b>309,823</b>	<b>295,379</b>	<b>300,215</b>	<b>300,415</b>	<b>300,659</b>	<b>351,448</b>	<b>330,463</b>
<b>CNG</b>							
Canada	1	*	*	1	*	0	0
<b>Total CNG exports</b>	<b>1</b>	<b>*</b>	<b>*</b>	<b>1</b>	<b>*</b>	<b>0</b>	<b>0</b>
<b>Total exports</b>	<b>554,328</b>	<b>526,465</b>	<b>558,031</b>	<b>559,842</b>	<b>553,760</b>	<b>616,665</b>	<b>587,385</b>

See footnotes at end of table.

**Table 5. U.S. natural gas exports, 2022-2024**

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

	2022		
	March	February	January
<b>Exports</b>			
Volume (million cubic feet)			
<b>Pipeline</b>			
Canada	105,074	74,630	81,577
Mexico	169,885	155,032	175,467
<b>Total pipeline exports</b>	<b>274,958</b>	<b>229,662</b>	<b>257,045</b>
<b>LNG</b>			
Exports			
By vessel			
Antigua and Barbuda	2	0	2
Argentina	0	0	0
Bahamas	43	31	34
Bangladesh	3,421	5,896	0
Barbados	34	31	28
Belgium	17,743	7,691	13,786
Brazil	2,236	10,660	17,322
Chile	3,214	0	3,162
China	7,527	3,357	0
Colombia	0	0	486
Croatia	3,358	5,870	9,084
Dominican Republic	6,530	0	6,647
El Salvador	0	0	0
Finland	0	0	0
France	64,415	39,646	50,084
Germany	0	0	0
Greece	4,116	8,094	1,802
Haiti	10	16	20
India	10,438	7,210	6,866
Indonesia	0	717	0
Italy	7,088	13,629	7,037
Jamaica	92	111	86
Japan	17,697	10,214	21,527
Jordan	0	0	0
Kuwait	0	5,277	0
Lithuania	5,700	3,131	3,518
Malta	0	2,345	0
Mexico	0	0	0
Netherlands	24,922	31,591	16,279
Pakistan	0	0	0
Panama	0	3,069	3,255
Philippines	0	0	0
Poland	3,831	7,475	3,695
Portugal	10,728	3,703	2,868
Singapore	6,725	0	0
South Korea	19,289	27,489	21,824
Spain	59,224	39,359	49,379
Taiwan	12,161	6,115	6,211
Thailand	0	4,880	3,490
Turkiye	16,629	43,697	45,081
United Kingdom	56,799	25,301	60,060
By truck			
Canada	0	4	13
Mexico	144	157	148
Re-exports			
By vessel			
United Kingdom	0	0	0
<b>Total LNG exports</b>	<b>364,116</b>	<b>316,766</b>	<b>353,791</b>
<b>CNG</b>			
Canada	*	0	0
<b>Total CNG exports</b>	<b>*</b>	<b>0</b>	<b>0</b>
<b>Total exports</b>	<b>639,074</b>	<b>546,428</b>	<b>610,836</b>

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

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

	2024 2-month YTD	2023 2-month YTD	2022 2-month YTD	2024		2023	
				February	January	Total	December
<b>Exports</b>							
Average price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.68	3.89	5.87	2.18	3.29	2.64	2.57
Mexico	2.74	3.24	4.92	2.16	3.27	2.49	2.43
<b>Total pipeline exports</b>	<b>2.72</b>	<b>3.49</b>	<b>5.23</b>	<b>2.17</b>	<b>3.28</b>	<b>2.54</b>	<b>2.48</b>
<b>LNG</b>							
Exports							
By vessel							
Antigua and Barbuda	10.80	10.80	10.80	--	10.80	10.80	10.80
Argentina	--	17.21	--	--	--	11.57	--
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	--	40.44	9.37	--	--	10.72	9.98
Barbados	10.39	--	10.41	10.39	10.39	10.39	10.39
Belgium	6.34	8.23	9.61	5.89	6.63	6.68	6.14
Brazil	5.82	--	8.59	4.52	6.78	9.25	5.87
Chile	5.30	6.96	7.17	4.73	5.85	6.75	--
China	5.49	12.51	10.15	5.61	5.26	8.42	7.12
Colombia	6.13	--	6.75	6.20	6.06	6.82	6.62
Croatia	7.24	7.84	8.82	4.73	8.14	6.65	5.47
Dominican Republic	7.31	17.45	8.37	5.53	9.00	10.36	11.91
El Salvador	--	--	--	--	--	5.85	--
Finland	--	--	--	--	--	10.24	11.91
France	6.89	12.05	9.20	7.44	5.93	7.58	6.91
Germany	8.04	14.51	--	7.73	8.34	9.19	8.14
Greece	6.53	6.25	8.52	5.63	6.93	5.84	6.53
Haiti	10.39	10.39	10.39	10.39	10.39	10.39	10.39
India	6.19	8.65	8.58	5.90	6.57	6.39	6.11
Indonesia	--	6.96	10.64	--	--	6.91	--
Italy	6.46	12.55	9.24	6.37	6.51	7.50	6.13
Jamaica	5.64	10.39	10.40	3.97	5.79	7.22	6.98
Japan	6.37	7.88	8.98	6.24	6.51	6.97	6.84
Jordan	--	--	--	--	--	6.31	--
Kuwait	6.24	--	9.32	6.24	--	5.85	--
Lithuania	5.97	8.53	9.22	5.98	5.85	6.54	6.96
Malta	--	8.23	9.24	--	--	8.23	--
Mexico	3.97	8.67	--	3.97	--	8.61	10.19
Netherlands	7.41	12.10	9.05	6.81	8.06	7.61	7.59
Pakistan	--	--	--	--	--	12.22	12.22
Panama	10.00	9.32	9.63	--	10.00	6.70	12.22
Philippines	--	--	--	--	--	10.89	--
Poland	7.14	7.52	9.89	6.57	8.21	6.41	5.43
Portugal	5.91	7.08	8.63	5.87	5.96	5.87	6.97
Singapore	5.97	--	--	5.94	6.04	6.68	--
South Korea	6.73	11.56	10.76	7.01	6.51	7.21	6.26
Spain	6.44	8.35	9.14	6.20	6.52	7.55	6.49
Taiwan	5.82	6.75	8.49	5.84	5.80	6.46	5.78
Thailand	6.37	8.15	9.07	6.93	5.75	6.42	10.99
Turkiye	6.62	9.26	10.18	6.67	6.59	7.71	5.96
United Kingdom	7.33	9.21	8.86	7.23	7.41	7.66	7.18
By truck							
Canada	--	--	14.30	--	--	14.54	15.29
Mexico	6.82	8.70	12.55	6.71	6.89	8.53	7.21
Re-exports							
By vessel							
United Kingdom	6.83	--	--	6.83	--	--	--
<b>Total LNG exports</b>	<b>6.73</b>	<b>10.32</b>	<b>9.32</b>	<b>6.56</b>	<b>6.89</b>	<b>7.57</b>	<b>6.94</b>
<b>CNG</b>							
Canada	--	4.34	--	--	--	4.01	--
<b>Total CNG exports</b>	<b>--</b>	<b>4.34</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>4.01</b>	<b>--</b>
<b>Total exports</b>	<b>5.02</b>	<b>7.32</b>	<b>7.60</b>	<b>4.62</b>	<b>5.40</b>	<b>5.41</b>	<b>5.14</b>

See footnotes at end of table.



Table 5. U.S. natural gas exports, 2022-2024

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

							2023
	November	October	September	August	July	June	May
<b>Exports</b>							
Average price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.79	2.30	2.15	2.10	2.28	2.06	1.97
Mexico	2.48	2.48	2.54	2.62	2.63	2.25	1.98
<b>Total pipeline exports</b>	<b>2.58</b>	<b>2.44</b>	<b>2.43</b>	<b>2.50</b>	<b>2.54</b>	<b>2.20</b>	<b>1.97</b>
<b>LNG</b>							
Exports							
By vessel							
Antigua and Barbuda	10.80	10.80	10.80	10.80	10.80	10.80	10.80
Argentina	--	--	--	--	5.62	14.09	13.09
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	5.08	--	--	5.89	--	5.80	3.04
Barbados	--	--	--	--	--	--	--
Belgium	7.16	6.25	5.53	2.98	--	5.20	4.57
Brazil	6.51	12.34	6.19	6.17	--	11.42	19.45
Chile	--	--	--	6.10	5.95	5.40	5.70
China	7.39	5.84	5.84	5.57	6.56	16.29	5.87
Colombia	6.71	5.45	7.72	8.00	--	--	5.98
Croatia	8.50	--	5.71	6.71	5.98	--	5.47
Dominican Republic	7.18	8.01	6.29	6.84	6.20	2.89	23.38
El Salvador	--	--	--	--	5.85	--	--
Finland	5.08	--	7.62	6.03	7.08	5.35	14.11
France	7.60	6.99	6.60	6.04	6.38	5.59	5.85
Germany	8.38	8.32	8.47	7.21	10.22	5.80	9.85
Greece	--	--	5.31	6.06	--	5.35	5.00
Haiti	10.39	10.39	10.39	10.39	10.39	10.39	10.39
India	6.38	5.97	6.26	6.43	6.46	5.82	5.60
Indonesia	--	--	11.16	5.53	5.95	--	--
Italy	8.61	8.48	6.51	7.28	6.20	6.24	5.78
Jamaica	6.57	12.56	5.27	10.52	5.86	10.14	6.06
Japan	8.40	6.59	6.89	6.95	6.77	6.70	6.51
Jordan	--	--	--	--	6.31	--	--
Kuwait	--	--	6.20	5.92	7.19	5.43	4.57
Lithuania	--	9.27	6.07	5.77	6.31	5.31	5.81
Malta	--	--	--	--	--	--	--
Mexico	--	12.56	--	--	5.85	--	--
Netherlands	8.58	6.98	6.81	6.75	6.71	6.06	6.27
Pakistan	--	--	--	--	--	--	--
Panama	5.93	--	6.78	--	5.85	--	5.64
Philippines	12.15	9.61	--	--	--	--	--
Poland	6.75	7.34	5.66	7.38	4.65	6.01	5.01
Portugal	5.86	5.68	5.45	5.36	5.95	4.69	5.70
Singapore	--	6.49	8.86	6.17	--	5.46	--
South Korea	6.54	7.41	6.61	6.14	6.13	5.79	5.68
Spain	7.18	7.00	6.13	7.15	6.51	11.16	7.87
Taiwan	6.90	10.04	5.54	6.41	5.53	7.03	6.53
Thailand	6.82	6.65	--	5.05	8.05	4.65	--
Turkiye	7.85	6.52	6.27	--	--	--	--
United Kingdom	6.66	6.07	7.14	6.19	--	--	5.80
By truck							
Canada	16.31	--	14.36	14.32	14.34	13.86	14.60
Mexico	7.33	7.19	8.31	6.72	9.22	8.83	7.70
Re-exports							
By vessel							
United Kingdom	--	--	--	--	--	--	--
<b>Total LNG exports</b>	<b>7.51</b>	<b>7.08</b>	<b>6.57</b>	<b>6.45</b>	<b>6.62</b>	<b>7.37</b>	<b>7.33</b>
<b>CNG</b>							
Canada	--	--	--	--	--	--	--
<b>Total CNG exports</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
<b>Total exports</b>	<b>5.49</b>	<b>5.18</b>	<b>4.72</b>	<b>4.70</b>	<b>4.79</b>	<b>4.99</b>	<b>5.05</b>

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

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

	2023				2022		
	April	March	February	January	Total	December	November
<b>Exports</b>							
Average price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.11	2.64	3.34	4.38	6.49	6.73	5.43
Mexico	1.87	2.30	2.63	3.81	6.26	6.00	4.67
<b>Total pipeline exports</b>	<b>1.94</b>	<b>2.43</b>	<b>2.90</b>	<b>4.03</b>	<b>6.34</b>	<b>6.28</b>	<b>4.94</b>
<b>LNG</b>							
Exports							
By vessel							
Antigua and Barbuda	10.80	10.80	10.80	10.80	10.80	10.80	10.80
Argentina	9.07	4.87	17.21	--	13.89	--	--
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	--	--	--	40.44	10.05	--	--
Barbados	--	--	--	--	10.48	--	17.98
Belgium	5.34	12.64	8.16	8.36	12.59	9.35	--
Brazil	5.16	4.87	--	--	11.64	--	--
Chile	--	9.40	--	6.96	10.53	--	--
China	11.12	5.98	6.90	13.31	11.74	11.69	13.35
Colombia	--	--	--	--	12.72	--	--
Croatia	6.15	5.63	7.61	8.30	11.75	10.40	9.67
Dominican Republic	15.81	6.12	27.88	7.40	12.56	10.25	--
El Salvador	--	--	--	--	--	--	--
Finland	--	17.76	--	--	10.68	10.68	--
France	8.65	6.17	11.71	12.44	12.48	11.90	13.37
Germany	5.71	12.06	16.33	13.46	20.02	20.02	10.79
Greece	4.54	6.07	5.09	8.69	14.52	11.14	9.31
Haiti	10.39	10.39	10.39	10.39	10.39	10.39	--
India	5.17	5.96	8.87	8.20	10.86	10.20	8.91
Indonesia	--	--	--	6.96	11.40	11.16	9.21
Italy	6.80	5.93	13.92	9.09	11.46	9.96	9.89
Jamaica	10.44	6.65	10.39	10.39	10.74	10.40	10.39
Japan	5.65	6.92	7.28	8.36	10.73	10.78	8.99
Jordan	--	--	--	--	--	--	--
Kuwait	5.12	--	--	--	13.33	--	--
Lithuania	4.84	4.98	--	8.53	11.14	10.68	9.08
Malta	--	--	--	8.23	8.87	--	8.58
Mexico	--	6.12	--	8.67	13.43	11.01	--
Netherlands	6.03	8.15	12.24	11.95	12.50	10.66	12.37
Pakistan	--	--	--	--	9.53	--	--
Panama	--	6.66	--	9.32	10.90	8.89	9.21
Philippines	--	--	--	--	--	--	--
Poland	4.99	8.63	6.14	8.76	19.74	23.11	29.15
Portugal	5.20	5.29	6.08	7.99	10.35	10.08	9.89
Singapore	--	--	--	--	14.95	--	--
South Korea	5.65	6.12	6.67	16.08	12.45	10.59	9.19
Spain	8.18	7.90	7.88	9.44	11.46	16.77	9.46
Taiwan	7.40	5.29	6.26	7.68	10.90	10.30	9.31
Thailand	4.22	4.77	6.93	8.75	15.94	--	--
Turkiye	5.23	10.50	7.75	9.77	11.09	12.91	10.65
United Kingdom	6.93	7.95	7.58	11.07	12.06	13.05	12.90
By truck							
Canada	14.54	14.36	--	--	16.95	17.10	--
Mexico	8.57	9.44	9.27	8.24	13.27	12.06	11.91
Re-exports							
By vessel							
United Kingdom	--	--	--	--	--	--	--
<b>Total LNG exports</b>	<b>6.83</b>	<b>7.97</b>	<b>9.36</b>	<b>11.24</b>	<b>12.24</b>	<b>12.67</b>	<b>11.68</b>
<b>CNG</b>							
Canada	--	3.36	4.33	4.34	3.09	--	6.29
<b>Total CNG exports</b>	<b>--</b>	<b>3.36</b>	<b>4.33</b>	<b>4.34</b>	<b>3.09</b>	<b>--</b>	<b>6.29</b>
<b>Total exports</b>	<b>4.91</b>	<b>5.55</b>	<b>6.57</b>	<b>8.03</b>	<b>9.64</b>	<b>9.91</b>	<b>8.63</b>

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2022-2024

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

	2022						
	October	September	August	July	June	May	April
<b>Exports</b>							
Average price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	5.42	7.91	8.42	6.75	8.02	7.60	6.05
Mexico	4.86	7.73	8.45	6.80	7.95	7.63	6.03
<b>Total pipeline exports</b>	<b>5.03</b>	<b>7.78</b>	<b>8.44</b>	<b>6.78</b>	<b>7.97</b>	<b>7.62</b>	<b>6.04</b>
<b>LNG</b>							
Exports							
By vessel							
Antigua and Barbuda	10.79	10.80	10.80	10.80	10.80	10.80	10.80
Argentina	--	--	18.69	16.37	16.38	11.30	9.36
Bahamas	10.39	10.39	10.39	10.39	10.39	10.39	10.39
Bangladesh	--	--	--	--	--	12.71	--
Barbados	--	--	--	--	--	--	--
Belgium	22.74	13.42	13.94	--	12.81	11.83	8.29
Brazil	9.59	--	14.14	11.39	16.02	15.93	9.71
Chile	--	14.86	--	11.21	--	10.88	8.37
China	11.09	13.86	12.48	10.94	13.58	--	9.64
Colombia	11.33	--	13.54	--	21.03	--	--
Croatia	9.52	13.51	20.92	11.26	13.12	11.59	9.55
Dominican Republic	33.52	14.86	13.94	10.95	14.01	12.17	9.53
El Salvador	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--
France	14.62	18.50	14.63	11.44	14.12	12.14	10.26
Germany	--	--	--	--	--	--	--
Greece	32.92	--	23.35	11.25	13.50	12.82	9.53
Haiti	--	10.39	10.39	10.39	10.39	10.39	10.39
India	10.52	13.52	13.13	11.53	15.89	11.41	9.09
Indonesia	11.36	12.22	13.54	--	--	--	--
Italy	--	13.70	12.34	11.65	13.59	11.60	13.47
Jamaica	10.40	12.51	10.40	10.40	10.44	10.40	10.41
Japan	10.89	13.80	13.21	11.13	12.71	11.81	9.78
Jordan	--	--	--	--	--	--	--
Kuwait	11.20	28.22	13.75	10.94	12.55	11.23	9.15
Lithuania	11.04	13.84	14.98	10.50	13.96	12.05	9.27
Malta	--	--	--	--	--	--	--
Mexico	--	--	--	--	13.83	--	--
Netherlands	12.75	16.84	17.25	13.87	13.13	12.24	9.35
Pakistan	--	--	--	--	--	--	9.53
Panama	--	--	--	--	14.33	11.80	18.60
Philippines	--	--	--	--	--	--	--
Poland	24.75	23.90	27.78	19.81	19.40	16.94	17.68
Portugal	10.54	13.89	13.02	10.69	12.49	11.58	9.34
Singapore	24.54	--	--	11.07	13.31	--	--
South Korea	15.91	14.19	14.68	13.16	13.32	11.80	9.58
Spain	14.67	14.04	13.16	14.29	13.15	11.65	9.09
Taiwan	11.33	13.64	12.31	10.94	13.56	13.32	8.70
Thailand	--	14.30	13.05	--	28.89	11.35	--
Turkiye	11.06	15.48	--	--	11.70	11.26	21.41
United Kingdom	12.75	17.75	17.43	11.18	13.53	12.21	9.75
By truck							
Canada	17.12	--	--	--	19.57	18.68	17.19
Mexico	13.53	16.14	16.90	14.21	16.10	13.78	12.11
Re-exports							
By vessel							
United Kingdom	--	--	--	--	--	--	--
<b>Total LNG exports</b>	<b>14.32</b>	<b>16.72</b>	<b>15.45</b>	<b>12.76</b>	<b>14.36</b>	<b>12.33</b>	<b>10.33</b>
<b>CNG</b>							
Canada	4.81	1.93	2.01	2.07	2.05	--	--
<b>Total CNG exports</b>	<b>4.81</b>	<b>1.93</b>	<b>2.01</b>	<b>2.07</b>	<b>2.05</b>	<b>--</b>	<b>--</b>
<b>Total exports</b>	<b>10.22</b>	<b>12.79</b>	<b>12.22</b>	<b>9.99</b>	<b>11.44</b>	<b>10.31</b>	<b>8.45</b>

See footnotes at end of table.

**Table 5. U.S. natural gas exports, 2022-2024**

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

	2022		
	March	February	January
<b>Exports</b>			
Average price (dollars per thousand cubic feet)			
<b>Pipeline</b>			
Canada	4.93	6.16	5.61
Mexico	4.58	5.23	4.65
<b>Total pipeline exports</b>	<b>4.71</b>	<b>5.53</b>	<b>4.96</b>
<b>LNG</b>			
Exports			
By vessel			
Antigua and Barbuda	10.80	--	10.80
Argentina	--	--	--
Bahamas	10.39	10.39	10.39
Bangladesh	8.61	9.37	--
Barbados	10.39	10.39	10.42
Belgium	13.83	10.13	9.33
Brazil	7.78	9.84	7.83
Chile	9.14	--	7.17
China	8.03	10.15	--
Colombia	--	--	6.75
Croatia	8.64	10.64	7.65
Dominican Republic	8.48	--	8.37
El Salvador	--	--	--
Finland	--	--	--
France	10.88	10.92	7.84
Germany	--	--	--
Greece	8.55	8.69	7.77
Haiti	10.39	10.39	10.39
India	8.08	9.39	7.74
Indonesia	--	10.64	--
Italy	8.32	9.96	7.83
Jamaica	10.42	10.40	10.40
Japan	8.54	10.79	8.12
Jordan	--	--	--
Kuwait	--	9.32	--
Lithuania	8.60	11.18	7.48
Malta	--	9.24	--
Mexico	--	--	--
Netherlands	8.02	9.60	7.98
Pakistan	--	--	--
Panama	--	11.17	8.17
Philippines	--	--	--
Poland	7.45	10.85	7.96
Portugal	7.83	9.56	7.43
Singapore	9.92	--	--
South Korea	8.82	9.88	11.88
Spain	8.71	10.28	8.23
Taiwan	7.76	9.49	7.51
Thailand	--	9.49	8.49
Turkiye	8.91	10.46	9.91
United Kingdom	8.38	10.31	8.25
By truck			
Canada	--	14.38	14.28
Mexico	10.80	12.25	12.86
Re-exports			
By vessel			
United Kingdom	--	--	--
<b>Total LNG exports</b>	<b>9.15</b>	<b>10.17</b>	<b>8.56</b>
<b>CNG</b>			
Canada	2.53	--	--
<b>Total CNG exports</b>	<b>2.53</b>	--	--
<b>Total exports</b>	<b>7.24</b>	<b>8.22</b>	<b>7.04</b>

-- Not applicable.

\* Volume is less than 500 Mcf.

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

**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. 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. The "LNG Monthly" (<https://www.energy.gov/fecm/listings/natural-gas-imports-and-exports-monthly-reports>) from the Office of Fossil Energy and Carbon Management, U.S. Department of Energy, contains more information on what is included in the individual LNG prices. Totals may not equal sum of components because of independent rounding and/or withheld data.

**Table 6. Gross withdrawals of natural gas in selected states and the Federal Gulf of Mexico, 2019-2024**

million cubic feet

Year and month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
<b>2019 total</b>	<b>3,250,353</b>	<b>524,757</b>	<b>196,823</b>	<b>1,991,195</b>	<b>183,087</b>	<b>3,218,949</b>	<b>48,616</b>	<b>1,818,227</b>	<b>1,061,091</b>	<b>2,651,631</b>
<b>2020 total</b>	<b>3,430,322</b>	<b>481,205</b>	<b>157,534</b>	<b>1,999,784</b>	<b>163,362</b>	<b>3,211,491</b>	<b>42,067</b>	<b>2,005,518</b>	<b>986,977</b>	<b>2,389,629</b>
<b>2021 total</b>	<b>3,486,056</b>	<b>448,283</b>	<b>137,540</b>	<b>1,891,913</b>	<b>152,986</b>	<b>3,448,542</b>	<b>41,849</b>	<b>2,277,035</b>	<b>1,075,553</b>	<b>2,278,731</b>
<b>2022</b>										
January	323,315	36,087	11,467	155,910	12,478	319,232	3,361	202,104	88,081	190,930
February	295,371	32,336	9,933	141,670	11,122	290,440	3,136	186,871	80,501	172,453
March	317,649	36,319	11,745	159,228	12,465	319,999	3,564	220,106	93,353	190,930
April	299,777	35,043	11,499	153,938	12,347	324,948	3,417	218,172	73,606	181,993
May	299,293	35,781	11,710	154,436	12,826	348,748	3,451	225,245	86,452	188,060
June	269,010	34,299	11,422	149,200	12,302	336,631	3,564	216,799	91,783	181,993
July	283,777	35,096	11,870	153,978	12,659	348,783	3,627	229,575	96,204	193,328
August	273,965	35,394	12,298	155,264	12,814	352,223	3,792	231,176	95,609	193,328
September	282,388	34,211	11,408	151,635	11,854	349,257	3,693	232,952	95,299	187,092
October	297,901	35,112	11,673	157,117	13,008	366,190	3,731	252,211	97,788	190,335
November	312,304	33,568	11,213	151,425	12,206	357,468	3,527	241,451	91,122	184,195
December	332,133	32,951	11,518	150,678	11,764	356,167	2,834	253,767	81,908	190,335
<b>Total</b>	<b>3,586,882</b>	<b>416,196</b>	<b>137,754</b>	<b>1,834,478</b>	<b>147,846</b>	<b>4,070,087</b>	<b>41,697</b>	<b>2,710,427</b>	<b>1,071,706</b>	<b>2,244,971</b>
<b>2023</b>										
January	326,517	€34,788	€11,182	€151,970	€11,783	€364,337	€3,811	€257,105	€88,687	€198,189
February	295,708	€31,085	€10,157	€135,346	€10,528	€352,923	€3,482	€235,426	€85,903	€174,917
March	316,126	€34,429	€11,025	€150,257	€11,441	€370,640	€3,840	€270,908	€94,380	€199,571
April	302,177	€32,911	€10,774	€146,973	€11,228	€364,011	€3,744	€261,755	€93,667	€187,566
May	298,735	€33,689	€11,372	€152,812	€11,555	€380,043	€3,854	€265,901	€98,198	€191,104
June	274,102	€32,280	€10,919	€149,257	€10,817	€346,197	€3,737	€254,831	€97,989	€179,766
July	260,962	€33,094	€11,345	€155,708	€10,985	€364,056	€3,825	€267,196	€103,070	€189,040
August	239,768	€32,973	€11,345	€158,090	€11,293	€365,822	€3,936	€273,271	€103,865	€195,216
September	263,282	€31,874	€10,951	€152,299	€10,902	€352,178	€3,808	€267,345	€104,500	€188,594
October	298,628	€32,602	€11,033	€157,541	€11,305	€361,148	€3,855	€273,826	€106,583	€186,975
November	299,779	€31,377	€10,390	€154,367	€10,869	€344,274	€3,637	€273,324	€104,577	€185,717
December	328,293	RE32,093	RE10,741	RE161,062	RE10,952	RE345,966	RE3,900	RE290,835	RE110,066	RE186,819
<b>Total</b>	<b>3,504,078</b>	<b>RE393,193</b>	<b>RE131,235</b>	<b>RE1,825,682</b>	<b>RE133,657</b>	<b>RE4,311,597</b>	<b>RE45,430</b>	<b>RE3,191,723</b>	<b>RE1,191,485</b>	<b>RE2,263,473</b>
<b>2024</b>										
January	324,104	RE29,151	RE10,577	RE155,582	RE10,098	RE340,079	RE3,726	RE278,063	RE95,356	RE180,625
February	306,576	€29,664	€9,832	€150,337	€10,107	€330,069	€3,575	€275,656	€100,101	€180,927
<b>2024 2-month YTD</b>	<b>630,680</b>	<b>€58,815</b>	<b>€20,409</b>	<b>€305,918</b>	<b>€20,205</b>	<b>€670,148</b>	<b>€7,301</b>	<b>€553,719</b>	<b>€195,457</b>	<b>€361,552</b>
<b>2023 2-month YTD</b>	<b>622,225</b>	<b>€65,872</b>	<b>€21,340</b>	<b>€287,316</b>	<b>€22,311</b>	<b>€717,260</b>	<b>€7,294</b>	<b>€492,531</b>	<b>€174,590</b>	<b>€373,106</b>
<b>2022 2-month YTD</b>	<b>618,686</b>	<b>68,423</b>	<b>21,400</b>	<b>297,580</b>	<b>23,600</b>	<b>609,672</b>	<b>6,497</b>	<b>388,974</b>	<b>168,582</b>	<b>363,382</b>

See footnotes at end of table.

**Table 6. Gross withdrawals of natural gas in selected states and the Federal Gulf of Mexico, 2019-2024**

million cubic feet – continued

Year and month	Oklahoma	Pennsylvania	Texas	Utah	West Virginia	Wyoming	Other states	Federal Gulf of Mexico	U.S. total
<b>2019 total</b>	<b>3,036,052</b>	<b>6,896,792</b>	<b>10,432,505</b>	<b>272,752</b>	<b>2,155,214</b>	<b>1,547,504</b>	<b>460,623</b>	<b>1,034,038</b>	<b>40,780,210</b>
<b>2020 total</b>	<b>2,673,207</b>	<b>7,168,902</b>	<b>10,489,727</b>	<b>242,560</b>	<b>2,567,990</b>	<b>1,472,873</b>	<b>440,442</b>	<b>806,336</b>	<b>40,729,927</b>
<b>2021 total</b>	<b>2,555,430</b>	<b>7,647,068</b>	<b>10,743,106</b>	<b>239,951</b>	<b>2,675,145</b>	<b>1,375,454</b>	<b>409,998</b>	<b>792,102</b>	<b>41,676,743</b>
<b>2022</b>									
January	216,347	657,613	947,251	20,848	234,795	111,691	31,416	65,420	3,628,346
February	196,621	577,251	850,501	18,658	209,707	99,976	31,840	57,832	3,266,220
March	225,203	634,328	966,474	21,563	239,344	110,151	34,988	65,440	3,662,848
April	226,464	614,569	950,317	21,311	235,580	106,959	32,106	66,292	3,568,334
May	235,497	638,527	982,040	22,380	247,179	107,992	32,800	62,991	3,695,408
June	231,202	616,619	945,643	21,862	240,568	104,837	31,939	65,130	3,564,801
July	239,209	644,039	993,914	22,705	251,625	112,528	35,419	67,456	3,735,794
August	238,619	635,404	1,000,545	23,639	255,603	107,569	34,071	69,090	3,730,403
September	238,112	618,364	979,541	21,903	245,734	106,511	33,278	66,095	3,669,326
October	245,755	637,050	1,017,003	22,214	251,647	113,719	33,934	67,409	3,813,798
November	234,562	613,000	981,071	21,374	255,298	109,370	33,530	65,505	3,712,188
December	236,429	624,415	988,224	22,739	253,533	106,194	33,309	65,907	3,754,805
<b>Total</b>	<b>2,764,019</b>	<b>7,511,179</b>	<b>11,602,524</b>	<b>261,196</b>	<b>2,920,613</b>	<b>1,297,497</b>	<b>398,630</b>	<b>784,567</b>	<b>43,802,269</b>
<b>2023</b>									
January	£241,437	£646,645	£1,002,863	£22,396	£256,931	£99,938	£32,144	£68,910	£3,819,633
February	£217,813	£572,742	£903,156	£19,043	£231,585	£87,317	£27,899	£60,583	£3,455,613
March	£240,498	£642,354	£1,029,880	£22,840	£266,638	£98,660	£28,459	£66,064	£3,858,010
April	£232,276	£619,656	£999,326	£22,680	£256,029	£94,374	£30,690	£59,529	£3,729,365
May	£237,558	£648,124	£1,052,613	£24,124	£268,279	£102,882	£31,298	£57,325	£3,869,465
June	£233,220	£627,912	£1,017,301	£24,432	£266,083	£100,991	£31,827	£58,126	£3,719,787
July	£238,429	£643,265	£1,055,615	£24,258	£279,996	£88,979	£33,175	£64,202	£3,827,200
August	£236,507	£648,577	£1,067,621	£25,251	£282,678	£99,441	£32,895	£61,088	£3,849,638
September	£234,235	£616,784	£1,035,879	£24,682	£268,946	£98,982	£31,981	£63,956	£3,761,177
October	£239,892	£640,992	£1,071,450	£25,842	£284,310	£106,963	£32,878	£62,841	£3,908,666
November	£229,910	£643,405	£1,044,489	£25,682	£282,583	£106,588	£31,471	£58,087	£3,840,525
December	£235,522	£669,263	£1,084,629	£26,519	£295,117	£109,868	£31,990	£60,188	£3,993,824
<b>Total</b>	<b>£2,817,297</b>	<b>£7,619,721</b>	<b>£12,364,823</b>	<b>£287,748</b>	<b>£3,239,174</b>	<b>£1,194,983</b>	<b>£376,707</b>	<b>£740,898</b>	<b>£45,632,904</b>
<b>2024</b>									
January	RE225,771	RE659,337	RE1,041,393	RE26,426	RE288,005	RE106,731	RE31,596	RE59,896	RE3,866,515
February	£220,219	£611,661	£1,004,526	£24,223	£269,694	£101,439	£29,447	£55,621	£3,713,672
<b>2024 2-month YTD</b>	<b>£445,990</b>	<b>£1,270,998</b>	<b>£2,045,919</b>	<b>£50,649</b>	<b>£557,699</b>	<b>£208,170</b>	<b>£61,042</b>	<b>£115,516</b>	<b>£7,580,187</b>
<b>2023 2-month YTD</b>	<b>£459,250</b>	<b>£1,219,388</b>	<b>£1,906,019</b>	<b>£41,439</b>	<b>£488,515</b>	<b>£187,255</b>	<b>£60,043</b>	<b>£129,493</b>	<b>£7,275,247</b>
<b>2022 2-month YTD</b>	<b>412,967</b>	<b>1,234,865</b>	<b>1,797,752</b>	<b>39,506</b>	<b>444,503</b>	<b>211,667</b>	<b>63,256</b>	<b>123,253</b>	<b>6,894,566</b>

RE Revised estimated data.

E Estimated data.

Source: 2019-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*, Bureau of Safety and Environmental Enforcement (BSEE), IHS Markit, and Enverus. January 2023 through current month: Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; and EIA computations.

Note: We collect data for Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and Federal Offshore Gulf of Mexico individually on the EIA-914 report. The "other states" category comprises states/areas not individually collected on the EIA-914 report (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia). Before 2023, Federal Offshore Pacific is included in California. All data for Alaska are obtained directly from the state. Monthly preliminary state-level data for all states not collected individually on the EIA-914 report 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 because of independent rounding.

**Table 7. Marketed production of natural gas in selected states and the Federal Gulf of Mexico, 2019-2024**

million cubic feet

Year and month	Alaska	Arkansas	California	Colorado	Kansas	Louisiana	Montana	New Mexico	North Dakota	Ohio
<b>2019 total</b>	<b>329,361</b>	<b>524,757</b>	<b>196,823</b>	<b>1,986,916</b>	<b>183,087</b>	<b>3,212,318</b>	<b>43,534</b>	<b>1,769,086</b>	<b>850,826</b>	<b>2,651,631</b>
<b>2020 total</b>	<b>339,337</b>	<b>481,205</b>	<b>155,979</b>	<b>1,996,740</b>	<b>163,362</b>	<b>3,205,574</b>	<b>38,191</b>	<b>1,965,533</b>	<b>887,445</b>	<b>2,389,629</b>
<b>2021 total</b>	<b>354,660</b>	<b>448,283</b>	<b>136,034</b>	<b>1,890,260</b>	<b>152,986</b>	<b>3,443,767</b>	<b>38,719</b>	<b>2,237,165</b>	<b>999,094</b>	<b>2,278,731</b>
<b>2022</b>										
January	32,865	36,087	11,347	155,786	12,478	318,772	3,119	199,405	81,490	190,930
February	30,014	32,336	9,814	141,557	11,122	290,031	2,977	184,452	75,867	172,453
March	32,473	36,319	11,603	159,101	12,465	319,562	3,370	218,272	88,106	190,930
April	30,910	35,043	11,384	153,816	12,347	324,537	3,175	216,047	68,665	181,993
May	31,677	35,781	11,593	154,313	12,826	348,337	3,170	222,902	81,340	188,060
June	28,644	34,299	11,296	149,081	12,302	336,152	3,208	215,334	86,437	181,993
July	29,654	35,096	11,734	153,856	12,659	348,334	3,367	228,003	90,288	193,328
August	29,380	35,394	12,177	155,140	12,814	351,777	3,544	229,728	89,688	193,328
September	29,288	34,211	11,260	151,515	11,854	348,817	3,491	231,482	90,550	187,092
October	31,122	35,112	11,520	156,992	13,008	365,742	3,560	250,312	93,103	190,335
November	30,934	33,568	11,095	151,304	12,206	357,021	3,266	239,821	85,482	184,195
December	36,181	32,951	11,396	150,558	11,764	355,708	2,461	251,472	76,605	190,335
<b>Total</b>	<b>373,141</b>	<b>416,196</b>	<b>136,220</b>	<b>1,833,019</b>	<b>147,846</b>	<b>4,064,791</b>	<b>38,709</b>	<b>2,687,231</b>	<b>1,007,621</b>	<b>2,244,971</b>
<b>2023</b>										
January	33,391	£34,788	£11,055	£151,849	£11,783	£363,863	£3,538	£254,905	£83,384	£198,189
February	30,726	£31,085	£10,042	£135,238	£10,528	£352,464	£3,233	£233,411	£80,766	£174,917
March	32,676	£34,429	£10,900	£150,138	£11,441	£370,158	£3,565	£268,590	£88,736	£199,571
April	31,313	£32,911	£10,652	£146,856	£11,228	£363,538	£3,475	£259,515	£88,066	£187,566
May	31,288	£33,689	£11,243	£152,690	£11,555	£379,548	£3,577	£263,626	£92,326	£191,104
June	28,991	£32,280	£10,795	£149,138	£10,817	£345,747	£3,469	£252,650	£92,129	£179,766
July	28,478	£33,094	£11,217	£155,584	£10,985	£363,583	£3,551	£264,909	£96,906	£189,040
August	26,756	£32,973	£11,217	£157,964	£11,293	£365,347	£3,654	£270,933	£97,655	£195,216
September	28,784	£31,874	£10,827	£152,177	£10,902	£351,720	£3,535	£265,057	£98,252	£188,594
October	31,535	£32,602	£10,908	£157,416	£11,305	£360,678	£3,579	£271,482	£100,209	£186,975
November	30,734	£31,377	£10,272	£154,244	£10,869	£343,826	£3,376	£270,985	£98,324	£185,717
December	33,356	RE32,093	RE10,619	RE160,934	RE10,952	RE345,516	RE3,621	RE288,346	RE103,484	RE186,819
<b>Total</b>	<b>368,027</b>	<b>RE393,193</b>	<b>RE129,747</b>	<b>RE1,824,228</b>	<b>RE133,657</b>	<b>RE4,305,988</b>	<b>RE42,174</b>	<b>RE3,164,408</b>	<b>RE1,120,237</b>	<b>RE2,263,473</b>
<b>2024</b>										
January	34,077	RE29,151	RE10,457	RE155,458	RE10,098	RE339,637	RE3,459	RE275,684	RE89,654	RE180,625
February	31,472	£29,664	£9,721	£150,217	£10,107	£329,639	£3,319	£273,297	£94,115	£180,927
<b>2024 2-month YTD</b>	<b>65,549</b>	<b>£58,815</b>	<b>£20,178</b>	<b>£305,675</b>	<b>£20,205</b>	<b>£669,276</b>	<b>£6,778</b>	<b>£548,981</b>	<b>£183,769</b>	<b>£361,552</b>
<b>2023 2-month YTD</b>	<b>64,117</b>	<b>£65,872</b>	<b>£21,098</b>	<b>£287,087</b>	<b>£22,311</b>	<b>£716,327</b>	<b>£6,771</b>	<b>£488,316</b>	<b>£164,150</b>	<b>£373,106</b>
<b>2022 2-month YTD</b>	<b>62,878</b>	<b>68,423</b>	<b>21,161</b>	<b>297,343</b>	<b>23,600</b>	<b>608,804</b>	<b>6,096</b>	<b>383,857</b>	<b>157,357</b>	<b>363,382</b>

See footnotes at end of table.



**Table 7. Marketed production of natural gas in selected states and the Federal Gulf of Mexico, 2019-2024**

million cubic feet – continued

Year and month	Oklahoma	Pennsylvania	Texas	Utah	West Virginia	Wyoming	Other states	Federal Gulf of Mexico	U.S. total
<b>2019 total</b>	<b>3,036,052</b>	<b>6,896,792</b>	<b>9,378,489</b>	<b>271,808</b>	<b>2,155,214</b>	<b>1,488,854</b>	<b>456,024</b>	<b>1,015,343</b>	<b>36,446,918</b>
<b>2020 total</b>	<b>2,673,207</b>	<b>7,168,902</b>	<b>9,813,035</b>	<b>241,965</b>	<b>2,567,990</b>	<b>1,206,122</b>	<b>435,117</b>	<b>791,491</b>	<b>36,520,826</b>
<b>2021 total</b>	<b>2,555,430</b>	<b>7,647,068</b>	<b>9,949,156</b>	<b>239,422</b>	<b>2,675,145</b>	<b>1,109,416</b>	<b>401,892</b>	<b>780,632</b>	<b>37,337,860</b>
<b>2022</b>									
January	216,347	657,613	878,743	20,719	234,795	89,680	30,986	64,105	3,235,266
February	196,621	577,251	795,295	18,516	209,707	78,589	31,234	56,642	2,914,480
March	225,203	634,328	903,364	21,502	239,344	87,991	34,249	64,273	3,282,454
April	226,464	614,569	880,176	21,243	235,580	86,485	31,383	65,402	3,199,218
May	235,497	638,527	918,979	22,306	247,179	85,606	32,053	61,895	3,332,041
June	231,202	616,619	881,753	21,786	240,568	85,970	31,592	64,090	3,232,326
July	239,209	644,039	920,414	22,646	251,625	89,886	34,763	66,176	3,375,077
August	238,619	635,404	937,041	23,549	255,603	87,801	33,420	67,976	3,392,383
September	238,112	618,364	925,985	21,849	245,734	83,339	32,595	64,875	3,330,414
October	245,755	637,050	941,968	22,103	251,647	88,939	33,226	66,250	3,437,743
November	234,562	613,000	910,587	21,297	255,298	85,621	32,901	64,414	3,326,572
December	236,429	624,415	934,211	22,675	253,533	82,730	32,644	64,307	3,370,376
<b>Total</b>	<b>2,764,019</b>	<b>7,511,179</b>	<b>10,828,515</b>	<b>260,192</b>	<b>2,920,613</b>	<b>1,032,634</b>	<b>391,046</b>	<b>770,406</b>	<b>39,428,350</b>
<b>2023</b>									
January	£241,437	£646,645	£935,962	£22,310	£256,931	£79,538	£31,536	£67,666	£3,428,769
February	£217,813	£572,742	£842,907	£18,969	£231,585	£69,492	£27,372	£59,490	£3,102,781
March	£240,498	£642,354	£961,177	£22,752	£266,638	£78,520	£27,921	£64,871	£3,474,934
April	£232,276	£619,656	£932,661	£22,593	£256,029	£75,109	£30,110	£58,454	£3,362,007
May	£237,558	£648,124	£982,394	£24,031	£268,279	£81,880	£30,706	£56,290	£3,499,909
June	£233,220	£627,912	£949,437	£24,338	£266,083	£80,375	£31,225	£57,076	£3,375,450
July	£238,429	£643,265	£985,195	£24,165	£279,996	£70,816	£32,548	£63,043	£3,494,802
August	£236,507	£648,577	£996,400	£25,154	£282,678	£79,142	£32,273	£59,986	£3,533,722
September	£234,235	£616,784	£966,776	£24,587	£268,946	£78,776	£31,376	£62,802	£3,426,002
October	£239,892	£640,992	£999,974	£25,742	£284,310	£85,128	£32,256	£61,707	£3,536,693
November	£229,910	£643,405	£974,811	£25,583	£282,583	£84,830	£30,876	£57,038	£3,468,760
December	RE235,522	RE669,263	RE1,012,273	RE26,418	RE295,117	RE87,440	£31,385	RE59,102	RE3,592,260
<b>Total</b>	<b>RE2,817,297</b>	<b>RE7,619,721</b>	<b>RE11,539,966</b>	<b>RE286,642</b>	<b>RE3,239,174</b>	<b>RE951,046</b>	<b>£369,584</b>	<b>RE727,526</b>	<b>RE41,296,088</b>
<b>2024</b>									
January	RE225,771	RE659,337	RE971,921	RE26,324	RE288,005	RE84,943	RE30,998	RE58,815	RE3,474,414
February	£220,219	£611,661	£937,514	£24,130	£269,694	£80,732	£28,890	£54,617	£3,339,934
<b>2024 2-month YTD</b>	<b>£445,990</b>	<b>£1,270,998</b>	<b>£1,909,435</b>	<b>£50,454</b>	<b>£557,699</b>	<b>£165,675</b>	<b>£59,888</b>	<b>£113,431</b>	<b>£6,814,348</b>
<b>2023 2-month YTD</b>	<b>£459,250</b>	<b>£1,219,388</b>	<b>£1,778,869</b>	<b>£41,279</b>	<b>£488,515</b>	<b>£149,030</b>	<b>£58,908</b>	<b>£127,156</b>	<b>£6,531,549</b>
<b>2022 2-month YTD</b>	<b>412,967</b>	<b>1,234,865</b>	<b>1,674,038</b>	<b>39,235</b>	<b>444,503</b>	<b>168,269</b>	<b>62,220</b>	<b>120,747</b>	<b>6,149,747</b>

RE Revised estimated data.

E Estimated data.

**Source:** 2019-2022: U.S. Energy Information Administration (EIA), *Natural Gas Annual 2022*, Bureau of Safety and Environmental Enforcement (BSEE), IHS Markit, and Enverus. January 2023 through current month: Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; and EIA computations.

**Note:** For 2023 forward, we estimate state monthly marketed production from gross withdrawals using historical relationships between the two. We collect data for Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and federal offshore Gulf of Mexico individually on the EIA-914 report. The "other states" category comprises states/areas not individually collected on the EIA-914 report (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia). Before 2023, Federal Offshore Pacific is included in California. We obtain all data for Alaska directly from the state. Monthly preliminary state-level data for all states not collected individually on the EIA-914 report 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 because of independent rounding.



**Table 8. Underground natural gas storage – all operators, 2019-2024**

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>2019 total</b>	--	--	--	--	--	<b>4,153</b>	<b>3,653</b>	<b>-500</b>
<b>2020 total</b>	--	--	--	--	--	<b>3,590</b>	<b>3,412</b>	<b>-178</b>
<b>2021 total</b>	--	--	--	--	--	<b>3,678</b>	<b>3,761</b>	<b>83</b>
<b>2022</b>								
January	4,437	2,216	6,653	-419	-15.9	76	1,069	994
February	4,434	1,562	5,997	-297	-16.0	102	761	658
March	4,434	1,401	5,835	-400	-22.2	231	394	163
April	4,440	1,612	6,052	-363	-18.4	354	140	-214
May	4,442	2,002	6,444	-388	-16.2	485	81	-403
June	4,443	2,325	6,768	-260	-10.0	438	114	-324
July	4,444	2,505	6,950	-250	-9.1	362	182	-180
August	4,446	2,709	7,155	-208	-7.1	382	176	-206
September	4,445	3,146	7,590	-160	-4.8	536	100	-436
October	4,443	3,569	8,012	-96	-2.6	511	89	-422
November	4,442	3,501	7,943	-32	-0.9	261	333	72
December	4,451	2,925	7,376	-285	-8.9	160	735	574
<b>Total</b>	--	--	--	--	--	<b>3,898</b>	<b>4,175</b>	<b>277</b>
<b>2023</b>								
January	4,452	2,470	6,922	254	11.5	153	609	456
February	4,451	2,072	6,523	510	32.7	130	529	399
March	4,450	1,850	6,300	448	32.0	171	395	224
April	4,452	2,116	6,569	505	31.3	395	126	-269
May	4,466	2,576	7,042	575	28.7	534	82	-452
June	4,464	2,902	7,365	576	24.8	448	105	-344
July	4,465	3,035	7,500	530	21.2	320	186	-134
August	4,464	3,168	7,632	459	16.9	365	233	-133
September	4,463	3,490	7,952	344	10.9	478	155	-323
October	4,463	3,809	8,273	240	6.7	442	121	-321
November	4,464	3,742	8,206	241	6.9	233	298	65
December	4,468	3,457	7,925	532	18.2	170	454	284
<b>Total</b>	--	--	--	--	--	<b>3,840</b>	<b>3,292</b>	<b>-548</b>
<b>2024</b>								
January	4,468	2,612	7,080	142	5.8	107	950	844
February	4,468	2,350	6,818	278	13.4	195	457	262

<sup>a</sup> Total underground storage capacity at the end of each calendar year (in billion cubic feet): 2019 – 9,231; 2020 – 9,259; 2021 – 9,265; and 2022 – 9,269. 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.

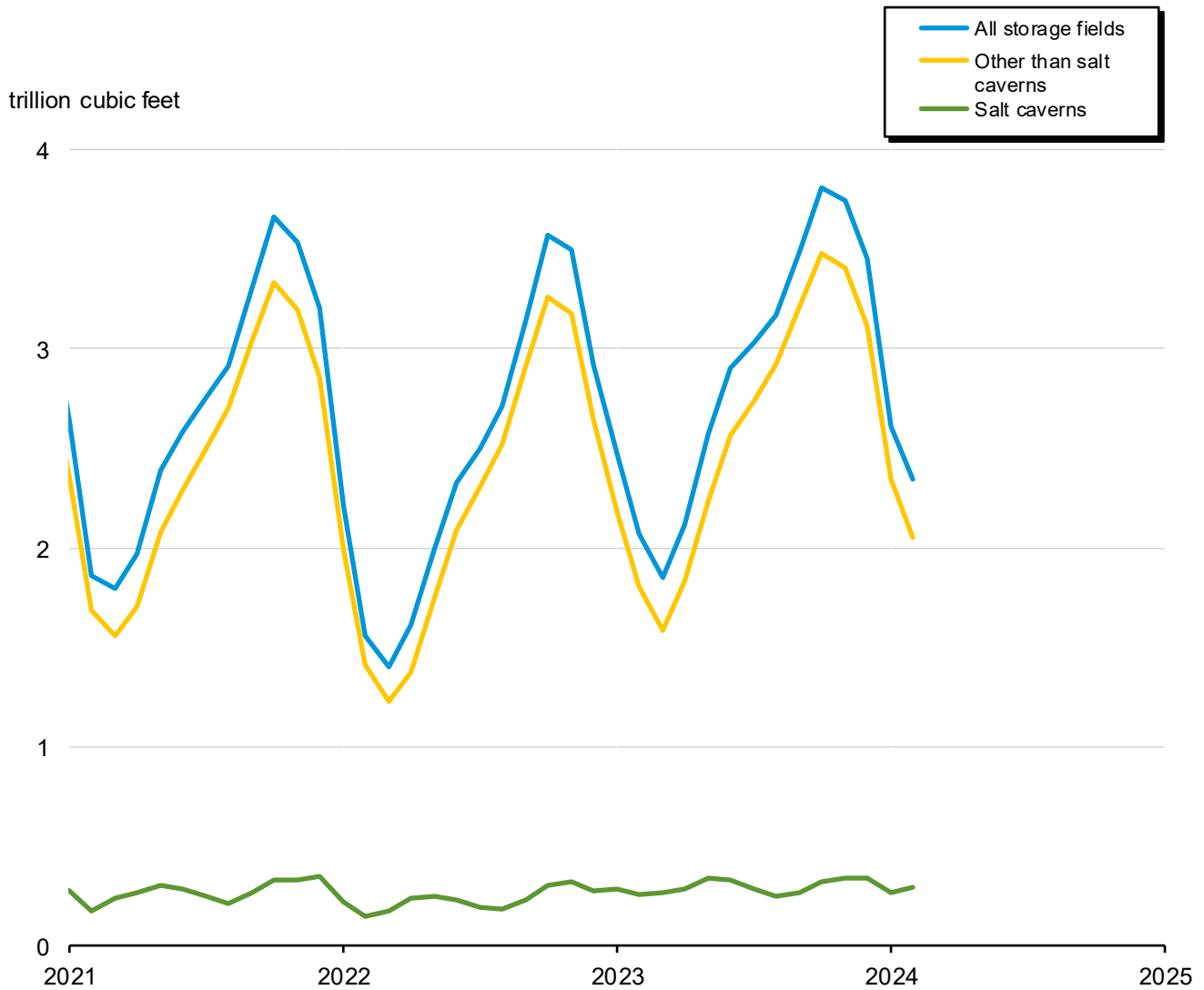
<sup>–</sup> Not applicable.

<sup>R</sup> Revised data.

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

**Note:** Data for 2019 through 2022 are final. All other data are preliminary unless otherwise noted. Appendix A, Explanatory Note 5, contains a 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.

Figure 5. Working gas in underground natural gas storage in the United States, 2021-2024



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

**Table 9. Underground natural gas storage – by season, 2022-2024**

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>2022 heating season</b>								
November	4,439	3,533	7,971	-399	-10.1	189	321	132
December	4,438	3,210	7,648	-131	-3.9	190	513	323
January	4,437	2,216	6,653	-419	-15.9	76	1,069	994
February	4,434	1,562	5,997	-297	-16.0	102	761	658
March	4,434	1,401	5,835	-400	-22.2	231	394	163
<b>Total</b>	--	--	--	--	--	<b>788</b>	<b>3,058</b>	<b>2,270</b>
<b>2022 refill season</b>								
April	4,440	1,612	6,052	-363	-18.4	354	140	-214
May	4,442	2,002	6,444	-388	-16.2	485	81	-403
June	4,443	2,325	6,768	-260	-10.0	438	114	-324
July	4,444	2,505	6,950	-250	-9.1	362	182	-180
August	4,446	2,709	7,155	-208	-7.1	382	176	-206
September	4,445	3,146	7,590	-160	-4.8	536	100	-436
October	4,443	3,569	8,012	-96	-2.6	511	89	-422
<b>Total</b>	--	--	--	--	--	<b>3,068</b>	<b>883</b>	<b>-2,185</b>
<b>2023 heating season</b>								
November	4,442	3,501	7,943	-32	-0.9	261	333	72
December	4,451	2,925	7,376	-285	-8.9	160	735	574
January	4,452	2,470	6,922	254	11.5	153	609	456
February	4,451	2,072	6,523	510	32.7	130	529	399
March	4,450	1,850	6,300	448	32.0	171	395	224
<b>Total</b>	--	--	--	--	--	<b>876</b>	<b>2,600</b>	<b>1,725</b>
<b>2023 refill season</b>								
April	4,452	2,116	6,569	505	31.3	395	126	-269
May	4,466	2,576	7,042	575	28.7	534	82	-452
June	4,464	2,902	7,365	576	24.8	448	105	-344
July	4,465	3,035	7,500	530	21.2	320	186	-134
August	4,464	3,168	7,632	459	16.9	365	233	-133
September	4,463	3,490	7,952	344	10.9	478	155	-323
October	4,463	3,809	8,273	240	6.7	442	121	-321
<b>Total</b>	--	--	--	--	--	<b>2,982</b>	<b>1,007</b>	<b>-1,975</b>
<b>2024 heating season</b>								
November	4,464	3,742	8,206	241	6.9	233	298	65
December	4,468	3,457	7,925	532	18.2	170	454	284
January	4,468	<sup>R</sup> 2,612	<sup>R</sup> 7,080	<sup>R</sup> 142	5.8	107	950	844
February	4,468	2,350	6,818	278	13.4	195	457	262

<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.

-- Not applicable.

<sup>R</sup> Revised data.

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

Note: Data for 2022 are final. All other data are preliminary unless otherwise noted. Appendix A, Explanatory Note 5, contains a 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.

**Table 10. Underground natural gas storage – salt cavern storage fields, 2019-2024**

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>2019 total</b>	--	--	--	--	--	<b>839</b>	<b>815</b>	<b>-24</b>
<b>2020 total</b>	--	--	--	--	--	<b>715</b>	<b>701</b>	<b>-14</b>
<b>2021 total</b>	--	--	--	--	--	<b>804</b>	<b>792</b>	<b>-12</b>
<b>2022</b>								
January	198	220	418	-59	-21.1	38	172	134
February	197	150	346	-27	-15.1	48	120	72
March	198	175	372	-66	-27.4	83	58	-26
April	198	239	437	-28	-10.4	95	31	-65
May	197	254	452	-54	-17.5	58	44	-15
June	196	234	430	-58	-19.8	44	65	21
July	198	200	398	-52	-20.6	50	83	33
August	199	187	386	-25	-11.9	52	65	12
September	197	232	430	-33	-12.4	86	41	-44
October	197	308	505	-26	-7.9	109	33	-76
November	197	322	520	-11	-3.2	72	58	-14
December	201	280	480	-75	-21.1	71	113	43
<b>Total</b>	--	--	--	--	--	<b>806</b>	<b>883</b>	<b>76</b>
<b>2023</b>								
January	202	289	491	69	31.2	75	66	-9
February	202	263	465	113	75.6	49	75	26
March	202	266	468	91	51.8	64	62	-2
April	202	286	488	47	19.4	68	48	-20
May	202	342	545	88	34.6	79	43	-36
June	202	333	535	99	42.4	62	52	-11
July	203	292	495	92	46.2	41	81	40
August	202	249	451	62	33.2	39	82	43
September	201	272	473	40	17.0	82	58	-24
October	202	325	527	17	5.7	106	51	-55
November	203	339	541	16	5.1	75	59	-15
December	207	345	552	66	23.4	73	66	-7
<b>Total</b>	--	--	--	--	--	<b>812</b>	<b>741</b>	<b>-71</b>
<b>2024</b>								
January	207	265	472	-23	-8.1	65	145	80
February	207	293	500	30	11.6	90	62	-28
<b>2024 2-month YTD</b>	--	--	--	--	--	<b>156</b>	<b>207</b>	<b>52</b>
<b>2023 2-month YTD</b>	--	--	--	--	--	<b>124</b>	<b>141</b>	<b>17</b>
<b>2022 2-month YTD</b>	--	--	--	--	--	<b>86</b>	<b>292</b>	<b>206</b>

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

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

-- Not applicable.

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

**Note:** Data for 2019 through 2022 are final. All other data are preliminary unless otherwise noted. Appendix A, Explanatory Note 5, contains a 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.

**Table 11. Underground natural gas storage – storage fields other than salt caverns, 2019-2024**

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>2019 total</b>	--	--	--	--	--	<b>3,314</b>	<b>2,838</b>	<b>-476</b>
<b>2020 total</b>	--	--	--	--	--	<b>2,875</b>	<b>2,711</b>	<b>-164</b>
<b>2021 total</b>	--	--	--	--	--	<b>2,874</b>	<b>2,969</b>	<b>95</b>
<b>2022</b>								
January	4,239	1,996	6,235	-360	-15.3	38	898	859
February	4,238	1,412	5,650	-271	-16.1	54	641	587
March	4,236	1,227	5,463	-334	-21.4	148	337	189
April	4,242	1,373	5,615	-335	-19.6	259	110	-149
May	4,244	1,747	5,992	-334	-16.1	426	38	-388
June	4,246	2,091	6,338	-202	-8.8	394	49	-345
July	4,246	2,305	6,551	-198	-7.9	312	99	-213
August	4,247	2,523	6,769	-183	-6.8	330	111	-219
September	4,247	2,913	7,161	-128	-4.2	450	59	-392
October	4,246	3,262	7,507	-70	-2.1	402	56	-346
November	4,245	3,179	7,424	-21	-0.7	189	275	85
December	4,250	2,646	6,896	-210	-7.4	89	621	532
<b>Total</b>	--	--	--	--	--	<b>3,092</b>	<b>3,292</b>	<b>200</b>
<b>2023</b>								
January	4,249	2,181	6,431	185	9.3	78	543	465
February	4,248	1,809	6,058	397	28.1	81	454	373
March	4,248	1,584	5,832	358	29.2	107	333	226
April	4,250	1,831	6,081	458	33.4	327	79	-248
May	4,263	2,234	6,497	487	27.8	455	39	-416
June	4,262	2,569	6,830	477	22.8	386	53	-333
July	4,262	2,743	7,005	438	19.0	279	105	-174
August	4,262	2,919	7,181	397	15.7	326	150	-176
September	4,261	3,218	7,479	305	10.5	396	97	-299
October	4,261	3,484	7,745	223	6.8	336	70	-266
November	4,261	3,403	7,665	225	7.1	158	239	80
December	4,261	3,112	7,374	467	17.6	98	389	291
<b>Total</b>	--	--	--	--	--	<b>3,028</b>	<b>2,551</b>	<b>-477</b>
<b>2024</b>								
January	4,261	R2,347	R6,608	R165	7.6	41	805	764
February	4,261	2,057	6,318	248	13.7	105	395	290
<b>2024 2-month YTD</b>	--	--	--	--	--	<b>146</b>	<b>1,200</b>	<b>1,054</b>
<b>2023 2-month YTD</b>	--	--	--	--	--	<b>159</b>	<b>997</b>	<b>838</b>
<b>2022 2-month YTD</b>	--	--	--	--	--	<b>92</b>	<b>1,538</b>	<b>1,446</b>

<sup>a</sup> Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.<sup>b</sup> Total as of December 31.

-- Not applicable.

<sup>R</sup> Revised data.**Source:** U.S. Energy Information Administration (EIA): Form EIA-191, *Monthly Underground Gas Storage Report*.**Note:** Data for 2019 through 2022 are final. All other data are preliminary unless otherwise noted. Appendix A, Explanatory Note 5, contains a 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.

**Table 12. Net withdrawals from underground storage, by state, 2022-2024**

million cubic feet

State	2024			2023		
	February	January	Total	December	November	October
Alabama	-5,618	5,760	-6,555	1,668	-1,078	-3,850
Alaska <sup>a</sup>	1,810	2,882	-317	2,648	1,802	316
Arkansas	648	1,621	-478	1,217	660	-441
California	1,951	43,248	-103,170	9,751	-7,093	-6,131
Colorado	7,514	10,310	-6,465	3,224	967	-2,280
Illinois	47,797	65,597	-13,992	41,607	-7,035	-46,091
Indiana	4,021	6,755	-2,948	2,374	-1,513	-3,644
Iowa	12,210	19,788	-1,961	17,950	-6,298	-15,628
Kansas	-243	17,261	-16,180	5,068	3,751	-2,291
Kentucky	3,394	21,097	1,440	11,882	3,146	-7,532
Louisiana	-14,817	82,545	-50,067	7,844	-14,050	-37,579
Maryland	1,210	4,068	-1,470	598	588	-593
Michigan	49,838	144,956	-99,120	53,715	32,781	-32,888
Minnesota	58	408	-4	17	-138	-339
Mississippi	-4,413	30,247	-17,081	5,480	7,539	-16,684
Missouri	-373	818	-688	112	-231	-479
Montana	5,325	7,257	-5,223	4,982	2,487	-904
Nebraska	728	2,158	-2,454	1,306	335	-757
New Mexico	-1,089	3,542	-17,502	-868	-1,855	-3,336
New York	14,635	22,232	-15,036	7,191	3,740	-6,869
Ohio	30,539	43,745	-12,669	22,287	17,303	-17,159
Oklahoma	5,827	39,306	-16,720	12,038	2,245	-10,503
Oregon	2,413	5,672	-5,515	763	165	-638
Pennsylvania	65,411	90,132	-37,976	20,743	16,706	-36,959
Tennessee	9	30	-260	-24	4	*
Texas	-11,799	93,407	-47,701	2,763	-11,057	-47,981
Utah	567	12,489	-15,436	6,469	2,276	-2,300
Virginia	-61	800	-683	-232	578	-437
Washington	3,668	4,443	-6,681	-1,229	-312	2,668
West Virginia	37,670	54,309	-21,349	38,633	17,454	-17,254
Wyoming	3,229	6,756	-23,338	3,895	1,118	-2,783
<b>Regions</b>						
East region	149,405	215,285	-89,182	89,220	56,369	-79,272
South central region	-30,417	270,147	-154,782	36,080	-11,990	-119,327
Midwest region	116,954	259,449	-117,533	127,633	20,716	-106,600
Mountain region	16,274	42,511	-70,418	19,006	5,330	-12,360
Pacific region	8,033	53,364	-115,366	9,285	-7,241	-4,101
<b>Total lower 48 states</b>	<b>260,250</b>	<b>840,756</b>	<b>-547,281</b>	<b>281,224</b>	<b>63,184</b>	<b>-321,660</b>
<b>U.S. total</b>	<b>262,060</b>	<b>843,638</b>	<b>-547,598</b>	<b>283,872</b>	<b>64,986</b>	<b>-321,344</b>

See footnotes at end of table.

**Table 12. Net withdrawals from underground storage, by state, 2022-2024**

million cubic feet – continued

State	2023					
	September	August	July	June	May	April
Alabama	-3,531	4,087	2,868	243	-1,303	-3,731
Alaska <sup>a</sup>	-1,087	-1,642	-1,974	-1,876	-1,117	-198
Arkansas	-764	-1,006	-964	-929	-846	-319
California	-24,345	-16,003	-16,579	-45,318	-41,501	-27,136
Colorado	-6,360	-5,815	-2,524	-7,118	-8,269	-2,572
Illinois	-39,880	-33,745	-28,118	-27,140	-15,376	6,481
Indiana	-4,074	-3,454	-1,226	-802	-824	-359
Iowa	-16,991	-11,625	-843	-4,012	-2,360	938
Kansas	-9,754	-2,357	-7,498	-7,987	-11,800	-6,853
Kentucky	-5,710	-396	1,126	-4,056	-12,122	-10,941
Louisiana	-16,912	21,907	10,465	-14,060	-30,838	-8,275
Maryland	-616	-1,962	924	-694	429	-835
Michigan	-55,069	-40,865	-49,651	-70,222	-78,513	-64,570
Minnesota	-325	-285	-210	-17	6	207
Mississippi	-13,930	12,508	13,541	1,448	-13,647	-16,614
Missouri	-235	8	9	8	10	-47
Montana	-2,631	-3,685	-5,960	-5,958	-5,467	-2,587
Nebraska	-911	-88	-971	-1,712	-2,119	-1,320
New Mexico	-1,850	-2,255	-2,032	-2,638	-2,932	-3,470
New York	-9,078	-5,907	-6,134	-13,340	-14,987	-9,356
Ohio	-23,656	-24,015	-19,261	-19,989	-23,993	-9,289
Oklahoma	-9,176	-1,738	-6,601	-17,890	-20,955	-5,934
Oregon	-1,789	-1,550	-1,510	-4,965	-4,794	-2,750
Pennsylvania	-29,000	-16,812	-4,497	-31,646	-61,587	-37,288
Tennessee	-13	-88	-96	-93	-86	-20
Texas	-7,312	43,004	17,484	-10,724	-34,464	-22,389
Utah	-5,608	-8,249	-7,701	-9,803	-10,289	-3,669
Virginia	-970	-562	1,002	-494	-465	-24
Washington	-767	-2,408	2,303	-3,940	-9,928	-2,677
West Virginia	-24,820	-23,520	-17,370	-29,799	-32,845	-27,666
Wyoming	-5,697	-4,331	-1,529	-8,004	-9,227	-5,341
<b>Regions</b>						
East region	-88,140	-72,778	-45,335	-95,962	-133,447	-84,458
South central region	-61,378	76,405	29,294	-49,899	-113,853	-64,114
Midwest region	-122,299	-90,450	-79,007	-106,335	-109,266	-68,312
Mountain region	-23,056	-24,424	-20,717	-35,233	-38,303	-18,960
Pacific region	-26,902	-19,961	-15,786	-54,224	-56,223	-32,563
<b>Total lower 48 states</b>	<b>-321,775</b>	<b>-131,208</b>	<b>-131,552</b>	<b>-341,653</b>	<b>-451,091</b>	<b>-268,406</b>
<b>U.S. total</b>	<b>-322,862</b>	<b>-132,850</b>	<b>-133,525</b>	<b>-343,529</b>	<b>-452,208</b>	<b>-268,605</b>

See footnotes at end of table.

**Table 12. Net withdrawals from underground storage, by state, 2022-2024**

million cubic feet – continued

State	2023			Total	2022	
	March	February	January		December	November
Alabama	-468	-392	-1,070	6,278	3,098	-377
Alaska <sup>a</sup>	794	1,160	857	-3,982	1,866	1,171
Arkansas	1,129	627	1,157	776	1,265	708
California	8,985	32,422	29,781	48,440	46,261	22,453
Colorado	5,341	8,002	10,938	1,105	7,525	-630
Illinois	36,124	51,258	47,923	10,416	46,078	4,926
Indiana	2,668	3,799	4,108	3,865	5,101	-1,026
Iowa	6,790	10,810	19,307	3,696	20,131	-5,160
Kansas	7,709	5,876	9,956	14,368	16,854	5,969
Kentucky	3,102	9,168	13,773	909	13,981	-280
Louisiana	2,255	17,546	11,630	29,121	43,710	-13,211
Maryland	-260	178	773	1,023	1,330	303
Michigan	53,935	66,642	85,584	35,531	113,169	25,525
Minnesota	549	286	244	89	157	-149
Mississippi	-4,196	7,387	87	26,496	23,459	-3,190
Missouri	31	32	96	665	279	-545
Montana	4,136	5,624	4,739	-1,731	7,089	5,123
Nebraska	1,173	1,473	1,139	1,894	1,157	572
New Mexico	-258	1,656	2,336	2,615	-1,425	-2,002
New York	9,418	14,364	15,923	5,122	13,641	-1,500
Ohio	25,849	26,071	33,182	6,984	27,818	5,261
Oklahoma	10,984	13,444	17,364	6,980	20,697	6,589
Oregon	2,355	5,032	4,166	1,228	5,728	1,013
Pennsylvania	33,302	53,733	55,330	13,664	57,227	-1,035
Tennessee	46	47	64	110	64	51
Texas	-16,136	16,095	23,014	17,656	27,534	-4,110
Utah	3,316	8,586	11,536	8,512	15,858	7,519
Virginia	823	454	-355	660	378	460
Washington	3,248	4,095	2,266	2,724	4,225	2,705
West Virginia	20,020	29,910	45,908	28,196	43,497	13,280
Wyoming	894	3,795	3,873	3,410	6,658	1,339
<b>Regions</b>						
East region	89,152	124,708	150,761	55,648	143,891	16,769
South central region	1,277	60,584	62,139	101,675	136,617	-7,622
Midwest region	103,245	142,043	171,099	55,280	198,961	23,342
Mountain region	14,602	29,135	34,562	15,877	36,940	11,935
Pacific region	14,588	41,548	36,212	52,392	56,214	26,170
<b>Total lower 48 states</b>	<b>222,864</b>	<b>398,019</b>	<b>454,773</b>	<b>280,800</b>	<b>572,543</b>	<b>70,581</b>
<b>U.S. total</b>	<b>223,658</b>	<b>399,179</b>	<b>455,630</b>	<b>276,818</b>	<b>574,409</b>	<b>71,752</b>

See footnotes at end of table.



**Table 12. Net withdrawals from underground storage, by state, 2022-2024**

million cubic feet – continued

State	2022					
	October	September	August	July	June	May
Alabama	-4,933	-3,282	526	1,553	4,241	-242
Alaska <sup>a</sup>	-473	-2,320	-2,328	-2,322	-2,552	-1,700
Arkansas	-588	-629	-1,067	-1,074	-882	-947
California	1,537	-2,702	11,338	-8,374	-21,321	-19,244
Colorado	-5,458	-9,362	-5,347	-1,462	-4,454	-5,572
Illinois	-45,403	-38,908	-34,626	-30,481	-26,677	-19,121
Indiana	-3,115	-4,135	-3,784	-2,836	-2,048	-1,275
Iowa	-17,640	-17,235	-11,183	-3,052	-3,110	-777
Kansas	-4,401	-16,415	-6,891	-8,414	-16,307	-8,999
Kentucky	-16,736	-11,081	-1,399	3,227	-2,542	-13,410
Louisiana	-50,665	-21,002	5,161	12,496	-18,485	-38,230
Maryland	-896	-2,574	-2,716	-2,057	-1,302	-1,231
Michigan	-53,640	-78,072	-67,560	-57,950	-78,579	-80,140
Minnesota	-337	-279	-275	-223	-52	6
Mississippi	-29,841	-21,162	49	10,491	23,069	-8,855
Missouri	11	11	11	19	19	-221
Montana	-2,126	-4,934	-5,495	-5,308	-5,861	-5,205
Nebraska	-1,424	-1,524	764	-283	-1,946	-1,335
New Mexico	-2,381	69	217	1,887	935	441
New York	-15,253	-12,521	-3,885	-3,787	-10,404	-11,430
Ohio	-17,214	-27,394	-21,670	-20,888	-24,892	-24,494
Oklahoma	-11,346	-14,731	-11,709	-7,923	-15,279	-21,435
Oregon	-2,843	-1,426	-135	-2,813	-4,567	-5,311
Pennsylvania	-41,303	-62,085	-29,303	-22,422	-42,583	-51,337
Tennessee	-49	-46	-49	-56	-51	-1
Texas	-62,435	-43,934	378	5,761	-20,141	-30,876
Utah	-3,593	-6,047	-2,000	-4,744	-7,114	-8,295
Virginia	-503	-1,195	-58	38	-865	90
Washington	987	-3,168	1,591	-2,202	-6,395	-5,357
West Virginia	-23,522	-24,699	-14,718	-26,273	-31,235	-34,789
Wyoming	-6,646	-3,191	-63	-562	-2,233	-3,846
<b>Regions</b>						
East region	-98,691	-130,468	-72,349	-75,389	-111,281	-123,191
South central region	-164,208	-121,155	-13,552	12,890	-43,784	-109,585
Midwest region	-136,908	-149,745	-118,866	-91,354	-113,041	-114,937
Mountain region	-21,620	-25,034	-11,910	-10,460	-20,661	-23,929
Pacific region	-318	-7,295	12,794	-13,390	-32,284	-29,912
<b>Total lower 48 states</b>	<b>-421,751</b>	<b>-433,651</b>	<b>-203,896</b>	<b>-177,716</b>	<b>-321,061</b>	<b>-401,436</b>
<b>U.S. total</b>	<b>-422,224</b>	<b>-435,970</b>	<b>-206,224</b>	<b>-180,038</b>	<b>-323,613</b>	<b>-403,136</b>

See footnotes at end of table.

**Table 12. Net withdrawals from underground storage, by state, 2022-2024**

million cubic feet – continued

State	2022			
	April	March	February	January
Alabama	-2,894	-134	1,367	7,356
Alaska <sup>a</sup>	-123	779	1,410	2,610
Arkansas	-177	899	1,541	1,726
California	-15,824	-4,812	18,689	20,438
Colorado	2,765	2,102	8,829	12,169
Illinois	4,813	30,379	46,075	73,361
Indiana	310	3,220	5,855	7,596
Iowa	1,911	6,555	12,336	20,920
Kansas	-2,851	12,483	19,617	23,723
Kentucky	-12,920	-1,582	18,029	25,623
Louisiana	-54,036	-9,625	69,040	103,968
Maryland	867	2,099	2,803	4,398
Michigan	-29,583	39,077	120,965	182,318
Minnesota	97	204	317	623
Mississippi	-26,366	-13,800	12,383	60,259
Missouri	-445	184	261	1,080
Montana	-1,723	3,249	6,105	7,353
Nebraska	-329	1,154	1,986	3,102
New Mexico	54	-514	2,628	2,706
New York	-1,883	11,001	15,943	25,200
Ohio	-1,317	23,642	36,952	51,179
Oklahoma	-13,344	3,403	29,223	42,836
Oregon	365	582	4,697	5,938
Pennsylvania	-8,613	27,667	73,244	114,206
Tennessee	26	44	62	115
Texas	-44,712	-221	82,357	108,055
Utah	-874	-3,335	9,578	11,559
Virginia	1,049	211	50	1,006
Washington	2,281	655	7,379	24
West Virginia	-7,529	25,541	42,836	65,806
Wyoming	-2,750	2,279	5,921	6,503
<b>Regions</b>				
East region	-17,426	90,161	171,828	261,794
South central region	-144,381	-6,997	215,528	347,924
Midwest region	-35,790	78,082	203,900	311,636
Mountain region	-2,899	4,961	35,088	43,465
Pacific region	-13,178	-3,575	30,765	26,400
<b>Total lower 48 states</b>	<b>-213,632</b>	<b>162,605</b>	<b>657,068</b>	<b>991,146</b>
<b>U.S. total</b>	<b>-213,755</b>	<b>163,384</b>	<b>658,478</b>	<b>993,756</b>

<sup>a</sup> Alaska data are not included in the regions' totals or the lower 48 states total.<sup>R</sup> Revised data.<sup>\*</sup> Volume is less than 500 Mcf.**Source:** U.S. Energy Information Administration (EIA): Form EIA-191, *Monthly Underground Gas Storage Report*.**Note:** 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. Explanatory Note 5 in Appendix A contains a list of the five regions shown in this table and the states included in each.

**Table 13. Activities of underground natural gas storage operators, by state, February 2024**

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	20,776	31,226	4,967	31.4	6,545	926
Alaska <sup>a</sup>	5	83,592	67,915	14,197	25,251	39,448	-2,242	-8.2	383	2,193
Arkansas	2	21,972	8,894	13,078	1,725	14,803	-7	-0.4	113	761
California	14	604,048	322,368	281,703	194,413	476,116	117,319	152.2	10,354	12,305
Colorado	10	141,407	72,959	60,978	40,177	101,155	7,636	23.5	1,677	9,190
Illinois	28	1,019,173	303,813	716,820	101,565	818,385	-630	-0.6	1,738	49,535
Indiana	23	113,549	32,285	81,264	14,521	95,785	-372	-2.5	190	4,211
Iowa	4	288,210	90,313	197,881	29,159	227,040	81	0.3	4	12,213
Kansas	16	282,986	122,982	163,793	80,671	244,464	15,149	23.1	9,855	9,612
Kentucky	22	221,695	107,596	111,838	57,207	169,044	-1,995	-3.4	3,952	7,346
Louisiana	19	741,937	456,291	289,628	258,723	548,351	-4,052	-1.5	45,807	30,990
Maryland	1	64,000	18,300	45,677	10,953	56,630	-2,858	-20.7	1,005	2,215
Michigan	44	1,076,066	688,390	389,136	364,962	754,098	56,778	18.4	8,399	58,237
Minnesota	1	7,000	2,000	4,848	1,648	6,496	69	4.4	0	58
Mississippi	11	330,033	201,164	120,528	92,624	213,152	-1,307	-1.4	19,144	14,731
Missouri	1	13,845	3,656	10,189	2,366	12,555	317	15.5	485	112
Montana	4	376,225	197,477	181,143	13,441	194,584	3,005	28.8	8	5,333
Nebraska	1	34,850	12,653	22,197	7,055	29,252	2,054	41.1	207	935
New Mexico	2	89,100	59,738	29,362	36,835	66,197	19,041	107.0	1,899	810
New York	26	242,791	125,198	116,766	55,269	172,035	8,663	18.6	796	15,431
Ohio	24	575,109	241,824	333,274	83,391	416,665	-2,461	-2.9	881	31,421
Oklahoma	12	372,655	201,921	169,387	108,382	277,769	6,537	6.4	7,234	13,061
Oregon	8	36,459	21,550	14,909	10,655	25,564	6,234	141.0	443	2,856
Pennsylvania	49	763,296	426,326	336,747	189,003	525,750	-7,944	-4.0	9,724	75,134
Tennessee	2	2,400	1,800	878	1,376	2,254	328	31.2	2	11
Texas	37	863,134	554,019	307,071	379,979	687,050	1,872	0.5	58,231	46,432
Utah	3	124,509	54,942	69,507	31,220	100,728	22,344	251.7	1,729	2,297
Virginia	2	8,960	4,930	4,030	3,676	7,706	42	1.1	1,116	1,055
Washington	1	46,900	24,600	22,300	13,634	35,934	4,924	56.5	1,259	4,927
West Virginia	31	533,175	267,503	265,880	79,664	345,544	3,680	4.8	1,266	38,936
Wyoming	8	155,995	74,297	82,354	40,013	122,366	20,977	110.2	439	3,669
<b>Regions</b>										
East region	133	2,187,330	1,084,080	1,102,374	421,956	1,524,330	-879	-0.2	14,787	164,193
South central region	99	2,656,317	1,578,420	1,073,934	942,879	2,016,813	23,158	2.5	146,929	116,512
Midwest region	125	2,741,938	1,229,853	1,512,854	572,804	2,085,657	54,576	10.5	14,769	131,723
Mountain region	28	922,086	472,066	445,541	168,740	614,281	75,057	80.1	5,960	22,234
Pacific region	23	687,407	368,518	318,912	218,702	537,615	128,477	142.4	12,055	20,088
<b>Total lower 48 states</b>	<b>408</b>	<b>9,195,078</b>	<b>4,732,938</b>	<b>4,453,616</b>	<b>2,325,081</b>	<b>6,778,697</b>	<b>280,390</b>	<b>13.7</b>	<b>194,501</b>	<b>454,750</b>
<b>U.S. total</b>	<b>413</b>	<b>9,278,670</b>	<b>4,800,853</b>	<b>4,467,813</b>	<b>2,350,332</b>	<b>6,818,144</b>	<b>278,148</b>	<b>13.4</b>	<b>194,883</b>	<b>456,943</b>

<sup>a</sup> Alaska data are not included in the regions' totals or the lower 48 states total.**Source:** U.S. Energy Information Administration (EIA): Form EIA-191, *Monthly Underground Gas Storage Report*.

**Note:** 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. Explanatory Note 5 in Appendix A contains a list of the five regions shown in this table and the states included in each.

**Table 14. Natural gas deliveries to residential consumers, by state, 2022-2024**

million cubic feet

State or district	2024	2023	2022	2024		2023	
	2-month YTD	2-month YTD	2-month YTD	February	January	Total December	
Alabama	12,391	9,073	12,440	4,500	7,891	26,331	5,174
Alaska	6,071	5,156	5,509	2,692	3,379	20,647	3,068
Arizona	15,082	16,880	14,937	6,697	8,385	NA	4,850
Arkansas	12,086	10,173	13,495	5,202	6,884	R25,388	3,848
California	NA	137,339	121,157	53,923	NA	455,599	49,550
Colorado	43,336	46,687	46,153	18,306	25,030	R140,991	20,562
Connecticut	17,036	14,920	18,197	7,737	9,299	46,474	6,729
Delaware	4,209	3,592	4,686	1,942	2,267	10,493	1,725
District of Columbia	3,830	3,299	4,680	1,655	2,175	10,208	1,649
Florida	5,727	4,977	5,375	2,642	3,085	18,526	2,196
Georgia	47,142	34,676	45,854	18,273	28,869	122,024	21,263
Hawaii	112	108	110	53	59	597	52
Idaho	10,759	11,314	11,289	4,319	6,440	35,553	5,348
Illinois	NA	124,480	153,463	47,499	NA	R363,517	51,694
Indiana	45,267	41,556	54,500	17,655	27,612	NA	18,593
Iowa	20,328	21,176	26,629	7,691	12,637	R57,818	8,451
Kansas	22,750	21,604	24,041	7,523	15,227	NA	9,365
Kentucky	17,136	13,490	19,799	6,385	10,750	39,858	7,127
Louisiana	11,726	9,935	13,033	4,261	7,465	31,025	5,275
Maine	1,049	980	1,170	478	571	NA	437
Maryland	27,439	22,120	31,360	11,985	15,455	68,802	11,299
Massachusetts	36,576	34,022	48,518	16,019	20,557	R102,585	14,942
Michigan	99,633	95,136	118,084	40,857	58,775	295,281	39,064
Minnesota	41,277	46,449	55,854	16,411	24,866	131,823	17,713
Mississippi	8,299	6,948	8,467	2,934	5,365	R19,726	3,456
Missouri	31,873	33,167	40,860	12,122	19,751	R90,927	14,821
Montana	6,988	7,206	6,872	3,058	3,930	21,221	2,881
Nebraska	12,298	12,731	13,558	4,497	7,800	34,603	4,921
Nevada	15,079	16,734	16,395	6,809	8,271	49,028	5,986
New Hampshire	2,547	2,348	2,922	1,146	1,401	6,637	1,016
New Jersey	80,166	67,287	85,128	35,232	44,934	215,104	32,514
New Mexico	12,234	13,442	12,424	5,260	6,974	NA	6,084
New York	141,078	127,957	152,600	62,436	78,643	403,158	56,778
North Carolina	28,899	20,558	30,573	10,961	17,938	63,168	13,672
North Dakota	4,024	4,591	4,965	1,815	2,209	12,952	1,582
Ohio	90,300	87,048	105,402	38,764	51,536	R253,999	37,788
Oklahoma	23,995	20,969	24,875	8,038	15,958	54,541	9,270
Oregon	14,288	14,813	13,942	5,998	8,290	R47,187	6,434
Pennsylvania	80,959	68,682	85,428	35,292	45,667	208,639	33,130
Rhode Island	6,427	5,827	7,720	2,861	3,566	17,582	2,545
South Carolina	13,840	10,474	13,606	5,623	8,217	30,025	6,274
South Dakota	4,607	4,852	5,163	1,940	2,666	13,342	1,736
Tennessee	NA	24,801	30,339	NA	NA	NA	NA
Texas	83,570	71,738	86,625	30,665	52,904	R198,199	31,337
Utah	22,390	25,881	22,387	9,413	12,978	79,163	12,418
Vermont	1,197	1,175	1,460	578	620	3,562	489
Virginia	27,775	22,951	32,955	11,837	15,938	70,694	12,361
Washington	25,027	26,276	27,102	10,989	14,038	87,756	12,737
West Virginia	NA	7,269	9,522	NA	NA	NA	NA
Wisconsin	42,250	42,965	53,491	17,328	24,922	129,038	18,384
Wyoming	4,788	5,114	4,000	2,092	2,696	15,493	2,273
<b>Total</b>	<b>1,565,105</b>	<b>1,482,947</b>	<b>1,749,113</b>	<b>646,108</b>	<b>918,996</b>	<b>R4,483,095</b>	<b>655,796</b>

See footnotes at end of table.

**Table 14. Natural gas deliveries to residential consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2023						
	November	October	September	August	July	June	May
Alabama	2,585	1,020	656	669	681	740	1,087
Alaska	2,360	1,859	1,007	572	567	723	1,108
Arizona	2,728	NA	1,269	1,152	1,098	1,484	2,053
Arkansas	1,838	739	500	560	555	617	1,066
California	36,402	23,354	18,360	17,412	20,443	24,033	29,110
Colorado	16,193	9,522	3,142	2,833	2,748	3,897	5,040
Connecticut	5,564	2,181	1,080	1,058	1,082	1,384	2,245
Delaware	1,213	381	191	186	186	225	410
District of Columbia	1,311	387	245	218	250	376	441
Florida	1,482	1,175	927	846	953	1,132	1,379
Georgia	14,142	7,130	4,515	4,475	4,361	4,627	5,867
Hawaii	45	46	49	46	44	55	48
Idaho	4,269	2,503	852	618	666	853	1,258
Illinois	40,817	18,612	7,880	7,168	7,515	8,587	15,648
Indiana	13,201	7,659	NA	2,346	2,345	2,109	4,518
Iowa	5,889	2,753	1,110	822	1,032	1,146	1,969
Kansas	7,091	2,900	1,524	1,214	1,239	1,244	NA
Kentucky	4,855	1,825	755	772	721	829	1,303
Louisiana	3,116	1,504	1,103	1,066	1,206	1,188	1,468
Maine	NA	NA	NA	NA	NA	81	128
Maryland	9,074	3,302	1,612	1,725	1,702	2,024	2,703
Massachusetts	12,896	4,536	2,601	2,111	2,405	2,747	4,869
Michigan	37,446	18,736	6,276	5,923	5,954	6,300	13,644
Minnesota	14,782	7,407	2,410	2,430	1,999	2,536	4,364
Mississippi	2,321	860	470	501	538	688	540
Missouri	10,229	4,476	1,862	1,650	1,422	1,765	2,746
Montana	2,251	1,150	392	360	187	375	910
Nebraska	3,249	1,475	636	688	711	850	1,322
Nevada	3,533	1,962	1,484	1,340	1,275	1,718	2,606
New Hampshire	537	334	172	131	158	172	272
New Jersey	24,199	10,441	5,237	4,842	5,187	6,667	9,146
New Mexico	3,634	NA	890	910	916	1,085	1,437
New York	45,821	18,656	11,130	9,277	11,787	13,141	18,349
North Carolina	8,791	2,630	1,138	1,091	1,069	894	2,237
North Dakota	1,094	426	187	187	179	263	747
Ohio	29,062	9,783	4,372	4,408	4,761	5,479	12,168
Oklahoma	4,712	2,110	998	1,119	1,211	1,360	1,885
Oregon	5,663	2,980	1,214	945	928	1,235	1,600
Pennsylvania	25,797	10,575	4,636	4,168	3,672	4,286	8,457
Rhode Island	2,314	769	490	367	400	594	681
South Carolina	3,617	1,070	635	570	621	687	1,024
South Dakota	1,133	462	218	199	192	281	546
Tennessee	NA	NA	1,303	1,293	1,342	1,322	2,139
Texas	20,777	9,806	5,244	5,770	6,406	6,709	7,202
Utah	9,324	3,491	1,753	1,884	2,121	1,985	2,663
Vermont	367	139	85	76	84	112	180
Virginia	9,046	3,180	1,707	1,466	1,533	2,042	2,694
Washington	10,969	6,275	2,862	1,897	1,676	2,429	3,679
West Virginia	2,328	1,070	421	319	305	377	698
Wisconsin	14,159	6,863	2,871	2,217	2,525	2,799	6,075
Wyoming	1,490	631	320	212	269	383	892
<b>Total</b>	<b>493,042</b>	<b>226,763</b>	<b>113,354</b>	<b>104,162</b>	<b>111,283</b>	<b>128,634</b>	<b>196,716</b>

See footnotes at end of table.

**Table 14. Natural gas deliveries to residential consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2023				Total	2022	
	April	March	February	January		December	November
Alabama	1,651	2,995	3,757	5,316	30,420	5,085	2,956
Alaska	1,787	2,441	2,485	2,671	20,200	3,233	2,521
Arizona	3,600	6,965	8,102	8,777	42,164	6,583	3,677
Arkansas	2,151	3,340	4,834	5,340	31,369	4,538	2,087
California	36,635	62,960	63,278	74,061	432,636	66,984	47,923
Colorado	10,863	19,504	19,827	26,860	142,366	23,549	18,683
Connecticut	3,542	6,688	7,401	7,519	50,745	7,964	4,557
Delaware	821	1,564	1,673	1,919	11,941	2,130	990
District of Columbia	629	1,404	1,487	1,812	11,884	1,960	1,081
Florida	1,652	1,808	2,152	2,825	18,919	1,986	1,398
Georgia	8,041	12,927	14,195	20,481	134,256	23,009	13,761
Hawaii	50	54	54	54	599	54	46
Idaho	3,093	4,778	5,484	5,830	35,976	6,184	5,449
Illinois	28,495	52,619	57,601	66,879	424,291	70,872	42,475
Indiana	9,809	18,211	18,611	22,945	143,573	24,082	14,970
Iowa	4,731	8,739	9,630	11,546	70,902	12,646	7,287
Kansas	3,529	7,667	9,764	11,840	65,343	12,615	7,539
Kentucky	2,414	5,766	5,746	7,743	49,821	9,321	5,493
Louisiana	1,754	3,410	3,959	5,976	35,485	5,109	3,554
Maine	231	414	489	492	3,058	466	266
Maryland	3,709	9,531	10,422	11,698	82,532	14,458	7,810
Massachusetts	7,158	14,299	16,322	17,699	131,543	20,339	11,211
Michigan	22,898	43,904	45,193	49,943	328,712	53,122	33,856
Minnesota	11,577	20,157	21,129	25,320	150,660	23,930	15,088
Mississippi	1,169	2,235	2,742	4,205	22,398	3,555	2,515
Missouri	5,224	13,568	14,152	19,015	103,642	19,076	11,727
Montana	2,050	3,459	3,278	3,928	23,261	4,277	3,202
Nebraska	2,726	5,294	5,626	7,105	39,407	7,455	3,967
Nevada	4,536	7,855	7,972	8,762	47,112	5,094	4,100
New Hampshire	507	988	1,182	1,166	7,426	1,280	466
New Jersey	17,761	31,824	31,240	36,047	238,448	41,018	20,931
New Mexico	2,736	5,589	6,175	7,267	36,622	6,303	5,038
New York	29,117	61,147	60,315	67,642	449,772	72,986	38,515
North Carolina	3,466	7,621	8,243	12,315	71,983	16,198	7,537
North Dakota	1,499	2,197	2,036	2,555	13,979	2,191	1,110
Ohio	21,572	37,557	39,616	47,432	292,734	53,277	32,492
Oklahoma	3,463	7,443	9,585	11,383	61,185	10,906	6,687
Oregon	4,625	6,750	7,296	7,518	49,034	8,519	7,377
Pennsylvania	14,122	31,112	34,126	34,557	237,370	43,089	21,169
Rhode Island	1,086	2,511	2,674	3,153	18,224	2,169	1,120
South Carolina	1,868	3,184	4,082	6,392	33,460	6,992	3,344
South Dakota	1,435	2,288	2,127	2,725	14,579	2,960	1,064
Tennessee	4,122	8,213	11,393	13,408	72,863	12,903	7,949
Texas	11,915	21,296	34,659	37,079	232,684	36,200	25,487
Utah	6,087	11,556	11,964	13,917	78,791	14,470	12,018
Vermont	319	534	592	583	3,915	527	291
Virginia	4,040	9,676	10,174	12,777	84,255	15,715	8,399
Washington	7,536	11,420	12,797	13,479	93,930	16,085	13,391
West Virginia	1,595	3,450	3,299	3,970	25,049	4,324	2,446
Wisconsin	10,553	19,626	20,625	22,341	149,214	24,574	14,716
Wyoming	1,704	2,205	2,181	2,933	13,434	2,437	1,583
<b>Total</b>	<b>337,656</b>	<b>632,743</b>	<b>683,745</b>	<b>799,202</b>	<b>4,964,165</b>	<b>834,803</b>	<b>513,322</b>

See footnotes at end of table.

**Table 14. Natural gas deliveries to residential consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2022						
	October	September	August	July	June	May	April
Alabama	1,194	657	646	610	672	931	2,033
Alaska	1,746	951	660	513	508	950	1,508
Arizona	1,539	1,101	1,140	1,087	1,531	1,850	2,928
Arkansas	816	512	429	376	567	776	2,619
California	21,646	17,269	17,087	19,621	20,968	26,591	30,743
Colorado	7,602	3,383	2,869	2,689	3,126	5,385	11,971
Connecticut	2,645	1,192	1,017	1,072	1,234	2,287	4,088
Delaware	492	184	166	185	224	453	941
District of Columbia	406	264	206	242	271	419	911
Florida	1,240	929	921	885	1,108	1,348	1,637
Georgia	8,067	4,597	4,390	4,292	4,377	5,177	8,160
Hawaii	43	49	45	47	50	49	54
Idaho	1,638	758	1,046	597	866	1,795	2,957
Illinois	21,579	8,942	7,564	7,257	8,532	16,590	36,462
Indiana	7,516	3,043	2,554	2,056	2,469	4,763	11,150
Iowa	3,322	1,191	980	1,088	1,193	2,305	5,952
Kansas	2,807	1,195	1,019	1,173	1,101	1,976	4,115
Kentucky	2,329	775	681	730	859	1,247	3,248
Louisiana	1,713	1,081	1,221	1,075	1,076	1,278	2,168
Maine	148	62	48	50	66	122	249
Maryland	3,868	1,598	1,145	1,570	1,805	2,833	7,066
Massachusetts	6,125	2,817	2,548	2,693	3,423	6,137	9,500
Michigan	20,000	6,837	4,988	5,899	6,970	9,926	28,660
Minnesota	7,204	2,753	2,730	2,234	2,774	5,395	13,695
Mississippi	955	515	489	462	503	609	1,522
Missouri	5,001	1,759	1,579	1,552	1,672	2,955	6,645
Montana	710	406	362	503	605	1,272	2,159
Nebraska	1,343	697	599	676	1,051	1,883	3,108
Nevada	2,313	1,492	1,413	1,585	2,016	2,845	3,525
New Hampshire	246	192	164	158	160	246	607
New Jersey	11,005	5,110	4,200	4,987	5,647	11,955	19,509
New Mexico	1,679	810	957	897	1,038	1,303	2,000
New York	21,801	9,847	9,746	12,558	12,625	20,966	37,864
North Carolina	3,702	1,299	1,103	1,008	1,080	1,194	2,898
North Dakota	436	193	220	141	361	875	1,338
Ohio	13,224	5,161	4,343	4,463	5,381	10,393	23,971
Oklahoma	2,036	1,159	1,047	1,040	1,174	1,871	3,210
Oregon	2,199	1,027	861	958	1,527	2,976	4,716
Pennsylvania	11,568	4,551	3,862	3,715	4,289	8,806	19,020
Rhode Island	574	422	387	468	572	757	1,467
South Carolina	1,440	699	598	619	614	772	1,794
South Dakota	431	215	206	216	347	627	1,352
Tennessee	2,829	1,303	1,093	1,035	1,099	1,899	4,506
Texas	9,166	5,664	5,362	6,132	6,237	7,306	13,667
Utah	3,958	1,629	1,834	2,101	2,104	3,986	5,927
Vermont	178	91	76	86	106	182	373
Virginia	4,359	1,760	1,408	1,487	1,815	2,909	4,457
Washington	4,750	2,190	1,932	1,847	2,738	5,636	8,904
West Virginia	1,571	552	277	338	319	563	1,972
Wisconsin	8,228	2,938	2,452	2,876	2,616	5,211	13,837
Wyoming	496	234	217	210	442	719	1,273
<b>Total</b>	<b>241,880</b>	<b>114,053</b>	<b>102,885</b>	<b>110,163</b>	<b>123,907</b>	<b>201,302</b>	<b>384,436</b>

See footnotes at end of table.



**Table 14. Natural gas deliveries to residential consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2022		
	March	February	January
Alabama	3,197	5,261	7,179
Alaska	2,101	2,243	3,266
Arizona	5,791	7,101	7,835
Arkansas	5,152	6,598	6,896
California	42,647	53,971	67,186
Colorado	16,955	21,984	24,169
Connecticut	6,492	8,131	10,066
Delaware	1,489	1,989	2,697
District of Columbia	1,445	2,080	2,600
Florida	2,091	2,738	2,637
Georgia	12,573	17,972	27,882
Hawaii	51	50	60
Idaho	3,397	4,986	6,303
Illinois	50,554	69,565	83,898
Indiana	16,470	23,779	30,721
Iowa	8,308	11,536	15,094
Kansas	7,762	11,433	12,607
Kentucky	5,339	8,308	11,491
Louisiana	4,178	5,040	7,994
Maine	412	513	657
Maryland	9,020	13,040	18,319
Massachusetts	18,233	22,200	26,318
Michigan	40,369	51,368	66,717
Minnesota	19,002	26,138	29,716
Mississippi	2,808	3,843	4,624
Missouri	10,815	18,203	22,657
Montana	2,894	3,331	3,540
Nebraska	5,070	6,308	7,250
Nevada	6,332	6,944	9,451
New Hampshire	985	1,284	1,638
New Jersey	28,957	39,028	46,100
New Mexico	4,173	5,884	6,541
New York	60,264	72,501	80,099
North Carolina	5,393	12,102	18,470
North Dakota	2,147	2,335	2,631
Ohio	34,627	48,561	56,841
Oklahoma	7,178	11,682	13,194
Oregon	4,932	6,263	7,679
Pennsylvania	31,873	37,702	47,726
Rhode Island	2,569	3,303	4,416
South Carolina	2,981	5,685	7,921
South Dakota	1,999	2,244	2,919
Tennessee	7,908	13,320	17,019
Texas	30,838	46,065	40,561
Utah	8,379	9,841	12,546
Vermont	544	675	784
Virginia	8,991	13,591	19,364
Washington	9,354	12,313	14,789
West Virginia	3,164	4,340	5,182
Wisconsin	18,276	23,706	29,785
Wyoming	1,823	1,927	2,073
<b>Total</b>	<b>588,299</b>	<b>791,006</b>	<b>958,107</b>

<sup>R</sup> Revised data.<sup>NA</sup> Not available.**Source:** U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.**Note:** Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding and/or withheld data. Appendix A, Explanatory Note 6, contains a discussion of computations and revision policy.



**Table 15. Natural gas deliveries to commercial consumers, by state, 2022-2024**

million cubic feet

State or district	2024	2023	2022	2024		2023	
	2-month YTD	2-month YTD	2-month YTD	February	January	Total December	
Alabama	7,273	5,581	7,906	2,646	4,628	R23,479	3,686
Alaska	4,460	3,946	4,313	1,984	2,476	16,300	2,206
Arizona	8,795	8,858	8,619	4,147	4,648	35,478	3,832
Arkansas	14,133	12,615	14,816	6,377	7,756	R50,033	5,454
California	48,889	55,485	50,326	23,895	24,995	252,301	24,338
Colorado	18,287	20,072	18,447	7,973	10,314	63,554	8,571
Connecticut	15,375	13,969	15,651	7,240	8,135	54,572	6,820
Delaware	2,984	2,556	3,364	1,335	1,649	10,040	1,338
District of Columbia	3,887	3,521	4,464	1,682	2,205	14,519	1,846
Florida	13,629	12,204	12,581	6,500	7,129	62,496	6,522
Georgia	18,528	13,560	17,179	7,328	11,199	R51,386	8,228
Hawaii	405	386	365	193	213	2,310	191
Idaho	7,112	6,448	6,477	2,971	4,142	23,193	3,025
Illinois	64,781	65,476	75,896	28,802	35,980	219,146	27,464
Indiana	28,055	25,277	32,924	11,038	17,017	86,291	11,375
Iowa	14,919	15,431	18,640	5,939	8,980	50,454	6,189
Kansas	12,165	12,631	12,887	4,531	7,634	42,799	5,099
Kentucky	12,179	9,997	13,469	4,783	7,396	33,236	4,946
Louisiana	6,645	6,668	7,019	2,979	3,666	R30,776	3,649
Maine	2,778	2,622	3,152	1,266	1,512	NA	1,194
Maryland	19,535	17,261	20,922	8,669	10,866	67,616	8,047
Massachusetts	30,810	29,145	35,187	14,012	16,798	R98,957	11,638
Michigan	51,680	50,851	58,474	22,784	28,896	R168,767	21,186
Minnesota	30,925	35,299	40,203	13,663	17,262	108,120	13,301
Mississippi	5,959	5,195	5,709	2,413	3,547	19,850	2,638
Missouri	18,360	19,282	21,422	7,470	10,890	63,267	8,136
Montana	7,450	7,509	7,195	3,312	4,137	26,206	3,220
Nebraska	9,322	9,440	9,783	3,494	5,828	31,249	4,041
Nevada	8,033	8,509	8,251	3,761	4,272	33,604	3,605
New Hampshire	3,122	2,815	3,552	1,389	1,733	8,714	1,292
New Jersey	44,573	38,551	44,902	20,320	24,253	146,012	19,429
New Mexico	8,061	7,843	7,697	3,395	4,666	29,293	4,421
New York	84,046	73,081	83,979	37,805	46,241	289,370	36,488
North Carolina	18,464	13,245	18,506	7,449	11,016	53,687	8,260
North Dakota	4,687	5,237	5,612	2,165	2,522	16,281	1,921
Ohio	51,896	49,044	59,976	22,608	29,288	160,803	21,035
Oklahoma	14,874	13,060	15,429	5,500	9,374	41,718	5,851
Oregon	8,801	9,338	8,678	3,895	4,906	32,207	3,932
Pennsylvania	51,415	40,734	49,729	23,066	28,349	152,028	21,496
Rhode Island	3,796	3,440	4,471	1,794	2,002	10,542	1,497
South Carolina	7,027	5,423	6,393	3,152	3,876	24,333	3,055
South Dakota	3,922	4,044	4,248	1,651	2,271	12,458	1,578
Tennessee	NA	15,867	19,213	NA	NA	NA	NA
Texas	49,692	45,186	48,201	21,523	28,169	R191,472	21,891
Utah	12,668	14,402	12,338	5,616	7,052	47,529	6,938
Vermont	1,770	1,644	2,042	808	962	6,774	832
Virginia	18,628	17,573	20,511	8,084	10,544	72,897	8,759
Washington	15,547	16,399	16,527	6,930	8,617	60,369	7,702
West Virginia	NA	5,578	6,996	NA	NA	NA	NA
Wisconsin	31,409	31,893	36,353	13,567	17,841	R109,565	12,443
Wyoming	4,405	4,551	3,513	1,893	2,513	15,746	2,112
<b>Total</b>	<b>950,921</b>	<b>898,743</b>	<b>1,014,506</b>	<b>415,508</b>	<b>535,413</b>	<b>R3,309,581</b>	<b>413,220</b>

See footnotes at end of table.

**Table 15. Natural gas deliveries to commercial consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2023						
	November	October	September	August	July	June	May
Alabama	2,820	1,716	1,154	1,146	1,093	1,123	1,340
Alaska	1,781	1,378	886	609	531	608	1,008
Arizona	2,890	2,172	2,081	2,076	1,798	2,111	2,420
Arkansas	4,122	3,595	2,929	2,979	2,791	2,829	3,218
California	22,130	20,901	16,006	15,735	16,059	16,917	17,998
Colorado	6,729	4,355	1,729	1,870	1,623	2,139	2,763
Connecticut	6,040	3,721	2,793	2,572	2,700	2,632	3,003
Delaware	1,335	714	464	437	419	413	516
District of Columbia	1,824	1,080	687	692	689	762	862
Florida	5,277	4,771	4,638	4,321	4,471	4,727	5,000
Georgia	5,718	3,372	2,246	2,266	2,141	2,342	2,740
Hawaii	183	196	196	192	194	204	186
Idaho	2,380	2,083	1,018	736	701	859	1,014
Illinois	21,512	14,755	8,122	8,062	8,250	8,271	11,220
Indiana	9,383	7,157	3,261	2,956	2,768	2,636	3,897
Iowa	4,897	3,327	1,862	1,891	1,913	2,050	2,162
Kansas	4,136	2,711	1,767	2,200	2,037	2,022	2,030
Kentucky	3,648	1,886	1,264	1,247	1,090	1,159	1,638
Louisiana	3,021	2,321	1,932	1,876	1,864	1,857	2,225
Maine	1,028	NA	NA	320	320	352	445
Maryland	7,960	4,909	3,308	3,426	3,424	3,307	3,717
Massachusetts	11,684	5,789	4,072	4,034	3,555	4,226	5,067
Michigan	18,232	10,564	5,343	5,323	4,991	5,511	9,024
Minnesota	10,605	7,049	3,065	3,111	2,635	3,149	4,520
Mississippi	2,081	1,403	992	903	976	1,127	1,176
Missouri	6,366	4,213	2,505	2,453	2,303	2,531	3,188
Montana	2,409	1,752	1,068	988	992	1,048	1,336
Nebraska	2,922	2,100	1,148	1,077	1,255	1,364	1,540
Nevada	3,047	2,221	1,781	1,661	1,556	1,795	2,238
New Hampshire	775	537	278	206	244	288	386
New Jersey	15,299	8,739	5,979	6,281	5,326	5,292	7,663
New Mexico	3,741	1,718	1,233	1,352	1,221	1,227	1,334
New York	31,633	19,229	13,523	13,804	15,750	14,807	16,230
North Carolina	6,352	3,965	2,574	2,446	2,158	2,013	3,214
North Dakota	1,497	690	405	362	379	450	984
Ohio	17,610	7,379	5,062	5,152	5,255	5,852	8,830
Oklahoma	3,800	2,499	1,579	1,627	1,552	1,628	1,986
Oregon	3,476	2,214	1,172	1,013	936	1,206	1,443
Pennsylvania	19,916	10,436	6,329	5,778	5,010	5,216	8,159
Rhode Island	1,303	458	307	265	239	363	469
South Carolina	2,648	1,842	1,340	1,355	1,378	1,432	1,621
South Dakota	1,105	584	354	303	329	391	591
Tennessee	NA	NA	NA	2,717	2,461	2,648	2,908
Texas	18,115	14,246	11,160	11,725	12,467	12,073	12,631
Utah	5,542	2,443	1,311	1,549	1,608	1,458	1,907
Vermont	766	519	400	392	385	266	323
Virginia	8,351	5,233	3,699	3,597	3,278	3,963	4,346
Washington	6,697	4,487	2,759	2,459	2,002	2,519	2,771
West Virginia	2,157	1,417	1,029	970	919	1,021	1,058
Wisconsin	11,903	7,381	3,914	4,225	4,313	4,316	5,529
Wyoming	1,530	918	559	393	470	568	995
<b>Total</b>	<b>346,475</b>	<b>223,607</b>	<b>146,498</b>	<b>145,127</b>	<b>142,819</b>	<b>149,065</b>	<b>182,871</b>

See footnotes at end of table.

**Table 15. Natural gas deliveries to commercial consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2023				Total	2022	
	April	March	February	January		December	November
Alabama	1,420	2,401	2,405	3,176	25,776	3,745	2,769
Alaska	1,479	1,868	1,991	1,955	16,051	2,332	1,901
Arizona	3,030	4,210	4,255	4,603	35,636	4,269	3,276
Arkansas	R4,190	5,310	R6,276	R6,339	55,316	6,017	4,142
California	19,607	27,124	26,518	28,968	246,624	28,319	26,188
Colorado	5,141	8,563	8,537	11,535	61,795	9,827	7,532
Connecticut	3,732	6,589	6,777	7,192	55,112	7,391	5,360
Delaware	621	1,227	1,196	1,360	10,902	1,609	1,170
District of Columbia	883	1,674	1,605	1,916	15,489	2,062	1,499
Florida	5,261	5,304	5,732	6,471	63,404	6,031	5,199
Georgia	3,432	5,341	5,622	7,938	55,326	8,496	5,519
Hawaii	182	201	159	226	2,304	195	203
Idaho	1,939	2,990	3,112	3,336	23,158	3,562	2,905
Illinois	17,066	28,949	30,651	34,825	244,499	34,835	23,935
Indiana	5,565	12,016	11,432	13,845	95,815	14,531	10,184
Iowa	4,069	6,663	7,116	8,316	58,074	8,702	6,048
Kansas	2,952	5,215	5,678	6,953	45,969	6,768	4,528
Kentucky	2,080	4,282	4,531	5,467	38,492	6,154	3,929
Louisiana	2,425	2,936	3,025	3,643	31,790	3,504	3,278
Maine	689	1,142	R1,296	1,326	9,342	1,283	874
Maryland	4,158	8,100	7,929	9,332	73,916	10,078	7,015
Massachusetts	6,798	12,950	R14,129	15,015	116,725	16,382	11,211
Michigan	R13,835	23,907	24,182	26,669	179,274	25,129	17,309
Minnesota	9,977	15,410	16,696	18,603	119,447	17,589	11,526
Mississippi	1,341	2,017	2,219	2,976	20,103	2,509	2,074
Missouri	3,794	8,497	8,489	10,792	65,972	10,294	7,020
Montana	2,387	3,497	3,495	4,014	27,067	4,340	3,213
Nebraska	2,387	3,976	4,399	5,041	32,708	5,271	3,295
Nevada	2,903	4,287	3,931	4,578	32,766	3,263	3,030
New Hampshire	649	1,246	1,460	1,355	9,346	1,288	701
New Jersey	14,474	18,978	19,170	19,382	153,826	22,880	13,917
New Mexico	1,725	3,480	3,725	4,118	27,723	3,304	2,825
New York	19,828	34,998	35,258	37,822	303,870	41,467	28,508
North Carolina	3,465	5,993	5,675	7,570	58,844	9,385	5,722
North Dakota	1,824	2,533	2,371	2,867	17,118	2,545	1,452
Ohio	13,478	22,106	22,990	26,054	181,627	29,184	19,762
Oklahoma	2,970	5,166	6,082	R6,978	45,316	6,834	4,615
Oregon	3,168	4,310	4,629	4,709	32,634	5,203	4,259
Pennsylvania	9,721	19,233	20,644	20,091	166,769	28,240	15,050
Rhode Island	700	1,503	1,700	1,740	11,127	1,304	704
South Carolina	1,664	2,575	2,341	3,081	25,986	3,324	2,568
South Dakota	1,237	1,942	1,793	2,251	13,168	2,360	1,074
Tennessee	3,848	6,438	7,326	8,542	60,494	8,442	6,573
Texas	13,222	18,756	22,026	23,160	196,649	22,907	20,977
Utah	3,648	6,724	6,781	7,622	47,600	7,989	6,648
Vermont	484	766	793	850	7,353	863	691
Virginia	5,170	8,928	8,810	8,763	74,390	9,603	7,510
Washington	5,601	6,972	7,869	8,530	63,093	9,166	7,977
West Virginia	1,615	2,734	2,548	3,030	23,664	3,245	2,175
Wisconsin	9,695	13,954	14,526	17,367	116,649	15,945	11,526
Wyoming	1,592	2,058	1,977	2,574	12,977	2,163	1,533
<b>Total</b>	<b>R253,117</b>	<b>R408,039</b>	<b>R423,877</b>	<b>R474,867</b>	<b>3,509,075</b>	<b>492,127</b>	<b>352,898</b>

See footnotes at end of table.

**Table 15. Natural gas deliveries to commercial consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2022						
	October	September	August	July	June	May	April
Alabama	1,819	1,204	1,160	1,063	1,086	1,152	1,656
Alaska	1,308	802	595	490	504	836	1,303
Arizona	2,131	1,874	2,030	1,890	2,278	2,464	2,838
Arkansas	3,611	3,216	3,084	2,945	3,091	3,277	4,552
California	19,461	16,776	15,680	16,738	15,611	17,374	18,577
Colorado	3,613	1,869	1,747	1,657	1,807	2,810	5,065
Connecticut	3,679	2,574	2,572	2,444	2,304	2,748	4,178
Delaware	781	440	408	429	406	465	742
District of Columbia	778	712	787	802	600	808	1,117
Florida	5,136	4,557	4,507	4,307	4,930	4,941	5,227
Georgia	3,643	2,339	2,197	2,183	2,258	2,559	3,636
Hawaii	191	199	188	191	204	191	195
Idaho	1,560	960	983	626	828	1,265	1,796
Illinois	15,611	9,226	7,914	8,086	7,856	11,808	21,306
Indiana	6,051	3,158	3,109	2,730	2,946	3,308	6,882
Iowa	4,018	1,846	1,877	1,807	1,766	2,385	4,794
Kansas	2,675	1,838	2,157	2,109	2,130	2,597	3,299
Kentucky	2,241	1,207	1,136	1,119	1,259	1,501	2,555
Louisiana	2,376	2,137	2,028	1,964	1,985	1,958	2,417
Maine	492	324	278	269	310	430	758
Maryland	4,950	3,114	3,032	3,449	3,314	3,843	6,709
Massachusetts	6,909	6,263	4,881	4,024	4,274	5,654	8,725
Michigan	10,049	5,664	4,925	5,270	5,984	8,032	16,307
Minnesota	6,562	3,288	3,133	2,670	3,130	5,444	11,182
Mississippi	1,309	935	961	877	924	1,050	1,458
Missouri	4,197	2,276	2,191	2,032	1,997	2,954	4,380
Montana	1,398	876	896	1,077	1,092	1,659	2,467
Nebraska	1,694	972	1,015	1,157	1,386	1,788	2,563
Nevada	2,382	1,752	1,657	1,702	1,872	2,438	2,708
New Hampshire	405	310	261	241	267	323	761
New Jersey	9,562	6,449	4,245	7,145	5,676	9,223	12,423
New Mexico	2,939	1,571	1,345	1,209	1,235	1,372	1,423
New York	18,246	12,824	13,944	15,735	13,819	16,734	23,318
North Carolina	4,264	2,695	2,467	2,193	2,047	2,871	3,529
North Dakota	701	374	421	378	547	1,027	1,638
Ohio	9,140	5,360	4,822	5,057	6,746	6,860	13,926
Oklahoma	2,277	1,600	1,544	1,476	1,549	2,053	2,861
Oregon	1,771	1,077	916	944	1,336	2,133	3,049
Pennsylvania	10,302	5,642	5,598	4,924	5,446	7,312	13,353
Rhode Island	364	261	259	290	430	506	921
South Carolina	2,043	1,564	1,459	1,453	1,499	1,570	1,817
South Dakota	575	350	333	333	430	589	1,208
Tennessee	4,175	2,660	2,439	2,244	2,390	2,604	3,964
Texas	13,437	11,271	11,256	11,817	11,312	12,145	13,631
Utah	2,987	1,281	1,598	1,690	1,609	2,712	3,816
Vermont	511	415	408	379	393	288	582
Virginia	5,616	3,645	3,584	3,072	3,394	3,761	5,795
Washington	3,793	2,415	2,178	2,315	2,808	4,028	5,632
West Virginia	1,752	1,172	910	911	893	1,050	1,854
Wisconsin	7,102	4,183	3,988	4,130	3,874	5,511	9,712
Wyoming	645	375	376	344	520	734	1,153
<b>Total</b>	<b>223,230</b>	<b>149,894</b>	<b>141,479</b>	<b>144,386</b>	<b>146,355</b>	<b>183,146</b>	<b>275,754</b>

See footnotes at end of table.

**Table 15. Natural gas deliveries to commercial consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2022		
	March	February	January
Alabama	2,216	2,931	4,975
Alaska	1,668	1,852	2,462
Arizona	3,966	4,127	4,493
Arkansas	6,565	7,331	7,484
California	21,573	24,046	26,280
Colorado	7,420	8,867	9,579
Connecticut	6,212	7,124	8,527
Delaware	1,087	1,336	2,028
District of Columbia	1,860	2,017	2,447
Florida	5,987	5,993	6,588
Georgia	5,317	6,827	10,352
Hawaii	182	169	196
Idaho	2,196	2,970	3,507
Illinois	28,027	35,903	39,993
Indiana	9,991	14,453	18,472
Iowa	6,191	8,362	10,277
Kansas	4,982	6,112	6,775
Kentucky	3,922	5,873	7,596
Louisiana	3,124	2,831	4,187
Maine	1,172	1,380	1,772
Maryland	7,490	8,899	12,023
Massachusetts	13,214	16,646	18,541
Michigan	22,131	27,122	31,353
Minnesota	14,719	19,491	20,713
Mississippi	2,298	2,676	3,032
Missouri	7,209	9,877	11,545
Montana	2,853	3,450	3,745
Nebraska	3,785	4,491	5,292
Nevada	3,711	3,687	4,563
New Hampshire	1,238	1,533	2,019
New Jersey	17,405	21,011	23,890
New Mexico	2,804	3,648	4,049
New York	35,296	36,922	47,057
North Carolina	5,164	7,043	11,463
North Dakota	2,422	2,657	2,955
Ohio	20,794	26,649	33,327
Oklahoma	5,078	7,431	7,998
Oregon	3,269	3,967	4,711
Pennsylvania	21,173	22,051	27,678
Rhode Island	1,617	1,924	2,547
South Carolina	2,296	2,363	4,030
South Dakota	1,669	1,865	2,383
Tennessee	5,791	8,113	11,100
Texas	19,694	24,960	23,240
Utah	4,933	5,773	6,565
Vermont	780	900	1,143
Virginia	7,900	8,905	11,606
Washington	6,254	7,604	8,923
West Virginia	2,707	3,173	3,823
Wisconsin	14,326	16,728	19,625
Wyoming	1,621	1,724	1,788
<b>Total</b>	<b>385,301</b>	<b>463,787</b>	<b>550,719</b>

<sup>R</sup> Revised data.<sup>NA</sup> Not available.**Source:** U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.**Note:** Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding and/or withheld data. Appendix A, Explanatory Note 6, contains a discussion of computations and revision policy.

**Table 16. Natural gas deliveries to industrial consumers, by state, 2022-2024**

million cubic feet

State or district	2024	2023	2022	2024		2023	
	2-month YTD	2-month YTD	2-month YTD	February	January	Total December	
Alabama	39,848	35,949	37,874	18,864	20,983	R219,729	19,626
Alaska	14,409	13,049	12,291	6,850	7,559	NA	NA
Arizona	3,871	3,934	3,668	1,864	2,007	R19,954	1,907
Arkansas	19,284	18,679	19,372	9,185	10,099	R105,657	9,866
California	98,513	95,983	106,012	47,407	51,107	625,372	52,592
Colorado	19,177	19,419	19,309	8,913	10,263	89,478	9,477
Connecticut	4,411	3,970	4,688	2,108	2,302	20,471	2,106
Delaware	5,405	5,441	5,637	2,512	2,893	32,651	2,849
District of Columbia	0	0	--	0	0	0	0
Florida	NA	20,340	22,847	10,891	NA	126,310	11,445
Georgia	27,823	26,566	28,218	13,826	13,998	R157,755	14,728
Hawaii	13	15	15	7	7	77	5
Idaho	7,273	7,520	7,851	3,383	3,890	39,199	3,908
Illinois	49,783	52,795	56,496	23,427	26,356	R261,170	25,232
Indiana	75,338	73,490	77,574	35,466	39,872	401,931	37,814
Iowa	44,099	44,526	45,393	20,863	23,236	254,821	23,123
Kansas	23,413	23,979	24,575	10,338	13,075	R132,511	11,975
Kentucky	25,924	23,957	25,258	11,908	14,016	129,139	12,014
Louisiana	185,332	189,775	200,485	85,865	99,467	1,171,009	109,986
Maine	4,225	4,170	4,219	1,996	2,229	NA	1,983
Maryland	2,842	2,760	2,955	1,338	1,504	15,426	1,472
Massachusetts	10,308	9,897	12,593	5,306	5,001	R43,147	4,308
Michigan	33,682	32,609	35,678	15,361	18,322	R163,057	15,321
Minnesota	29,707	30,593	31,881	13,702	16,005	NA	15,512
Mississippi	25,661	21,761	22,856	12,006	13,655	R136,684	12,428
Missouri	12,040	11,881	13,638	5,410	6,630	R59,231	5,307
Montana	4,909	4,594	4,613	2,436	2,473	27,119	2,508
Nebraska	14,923	NA	17,190	6,716	8,207	NA	7,774
Nevada	NA	3,113	3,129	1,596	NA	NA	1,725
New Hampshire	NA	2,013	1,882	NA	NA	NA	NA
New Jersey	NA	NA	12,274	NA	7,983	NA	8,118
New Mexico	1,890	1,151	2,323	939	951	NA	1,019
New York	17,345	16,839	18,688	8,834	8,512	R84,348	6,737
North Carolina	22,413	21,800	22,927	10,831	11,582	117,785	11,133
North Dakota	7,203	7,368	7,100	3,437	3,766	42,103	4,137
Ohio	64,522	60,715	64,539	29,486	35,036	318,825	31,107
Oklahoma	37,405	38,174	37,417	18,614	18,791	R225,471	20,497
Oregon	10,062	9,819	10,443	4,985	5,076	54,757	4,893
Pennsylvania	46,802	46,960	50,275	21,082	25,721	NA	24,491
Rhode Island	1,502	1,623	1,609	784	719	8,161	737
South Carolina	16,113	16,481	16,704	7,921	8,192	93,669	7,689
South Dakota	9,418	9,120	9,594	4,591	4,826	50,626	4,747
Tennessee	NA	28,117	29,166	NA	NA	NA	NA
Texas	341,988	322,303	328,267	162,289	179,698	R1,982,440	179,990
Utah	6,998	6,763	7,768	3,585	3,412	34,810	3,399
Vermont	395	399	457	186	209	1,994	184
Virginia	14,509	19,301	21,570	7,683	6,826	NA	11,366
Washington	NA	12,851	14,614	7,049	NA	NA	NA
West Virginia	NA	7,659	6,972	NA	NA	NA	NA
Wisconsin	29,836	29,721	34,065	13,628	16,208	R141,686	13,856
Wyoming	12,509	NA	10,202	5,875	6,633	NA	6,984
<b>Total</b>	<b>1,519,678</b>	<b>1,477,813</b>	<b>1,555,171</b>	<b>717,812</b>	<b>801,867</b>	<b>R8,537,902</b>	<b>791,007</b>

See footnotes at end of table.

**Table 16. Natural gas deliveries to industrial consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2023						
	November	October	September	August	July	June	May
Alabama	18,747	R17,900	17,351	18,336	17,917	17,881	18,846
Alaska	6,022	4,593	3,901	3,911	4,155	3,949	3,898
Arizona	1,753	R1,431	1,376	1,474	1,465	1,489	1,633
Arkansas	9,474	8,829	8,010	R7,976	7,758	R8,350	8,556
California	48,464	56,151	56,478	57,950	52,898	49,512	53,091
Colorado	8,819	7,245	5,740	5,598	5,371	5,080	6,111
Connecticut	2,180	1,534	1,532	1,480	1,455	1,283	1,542
Delaware	2,805	2,724	2,443	2,384	2,613	2,655	3,237
District of Columbia	0	0	0	0	0	0	0
Florida	10,243	10,792	10,185	10,447	10,423	10,451	10,012
Georgia	R13,232	R13,290	R12,366	12,607	12,271	12,294	12,900
Hawaii	6	6	6	7	6	6	7
Idaho	3,689	3,703	3,123	2,736	2,543	2,558	2,657
Illinois	26,151	22,537	18,683	17,847	R17,278	18,001	17,206
Indiana	35,852	29,615	30,091	31,280	30,430	30,231	31,591
Iowa	22,647	21,832	20,039	19,995	19,438	19,131	20,531
Kansas	11,505	10,639	9,511	11,305	10,948	9,390	10,303
Kentucky	11,423	10,683	9,401	9,631	9,362	9,652	10,165
Louisiana	99,546	100,282	90,257	97,579	96,474	92,983	96,189
Maine	1,926	1,392	1,062	1,094	1,056	986	1,279
Maryland	1,371	1,321	1,167	1,163	1,120	1,174	1,152
Massachusetts	3,609	R2,853	2,544	R2,575	R2,476	2,874	3,138
Michigan	14,573	12,941	R11,200	R11,610	10,580	R11,634	R11,383
Minnesota	12,193	11,340	10,735	R11,133	R11,818	R13,055	NA
Mississippi	R10,520	R11,566	11,305	11,874	11,450	10,923	11,391
Missouri	5,169	4,674	3,889	4,256	4,530	4,239	R4,116
Montana	2,455	2,512	2,017	2,260	2,346	2,152	2,069
Nebraska	7,499	7,865	7,411	8,542	8,034	6,776	6,212
Nevada	NA	NA	NA	NA	1,360	1,468	NA
New Hampshire	NA	NA	NA	NA	NA	NA	NA
New Jersey	8,431	6,451	6,203	8,051	6,764	NA	NA
New Mexico	NA	1,021	903	862	894	883	929
New York	7,590	R6,493	6,216	6,085	6,245	6,182	6,424
North Carolina	10,143	9,687	8,628	8,764	8,490	8,596	9,691
North Dakota	4,047	3,244	2,666	3,187	3,676	3,185	3,523
Ohio	29,041	25,616	21,463	23,781	22,622	21,522	25,977
Oklahoma	18,158	17,100	R18,176	R18,884	17,624	18,149	19,292
Oregon	4,777	4,703	4,170	4,069	3,939	4,022	4,376
Pennsylvania	23,909	21,170	19,490	20,828	20,509	20,070	18,382
Rhode Island	626	611	608	600	598	619	646
South Carolina	7,800	7,977	7,357	7,562	7,222	7,566	8,020
South Dakota	4,482	3,955	3,907	3,906	3,870	3,913	3,930
Tennessee	NA	NA	11,992	10,502	NA	NA	11,392
Texas	170,734	R166,681	R161,758	R167,008	R163,849	R158,633	163,401
Utah	2,951	2,625	2,446	2,420	2,455	2,574	2,913
Vermont	192	155	125	120	141	143	171
Virginia	11,031	6,882	11,916	9,055	NA	7,812	7,869
Washington	6,753	6,679	5,670	5,357	5,741	NA	5,693
West Virginia	3,897	3,658	3,220	3,141	3,399	3,599	3,138
Wisconsin	R13,695	R11,622	R8,992	R9,681	8,628	R8,890	R9,869
Wyoming	6,617	6,468	5,355	4,756	4,482	4,341	NA
<b>Total</b>	<b>R742,525</b>	<b>R706,327</b>	<b>R665,146</b>	<b>R687,840</b>	<b>R669,066</b>	<b>R654,143</b>	<b>R680,886</b>

See footnotes at end of table.



**Table 16. Natural gas deliveries to industrial consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2023				2022		
	April	March	February	January	Total	December	November
Alabama	18,165	19,010	17,198	18,751	212,943	17,899	17,948
Alaska	4,060	5,798	5,903	7,146	57,799	6,959	5,596
Arizona	1,633	1,860	1,878	2,055	19,489	1,998	1,853
Arkansas	8,415	9,743	8,892	9,788	105,072	9,439	9,528
California	50,822	51,429	47,155	48,829	651,305	49,715	54,323
Colorado	7,478	9,141	8,951	10,468	91,392	10,238	9,371
Connecticut	1,515	1,874	1,886	2,084	21,640	2,219	1,856
Delaware	2,574	2,925	2,639	2,802	31,367	2,706	2,606
District of Columbia	0	0	0	0	--	--	--
Florida	10,176	11,797	9,928	10,412	123,938	10,247	9,242
Georgia	13,109	14,393	12,430	14,136	154,697	13,971	12,907
Hawaii	6	7	9	6	91	6	7
Idaho	3,097	3,664	3,661	3,859	39,071	3,972	4,016
Illinois	20,968	24,472	24,473	28,322	265,085	28,180	24,699
Indiana	33,413	38,123	35,241	38,249	388,827	37,351	33,378
Iowa	20,760	22,797	21,209	23,317	246,115	22,768	22,044
Kansas	11,169	11,787	11,171	12,808	142,391	12,868	11,958
Kentucky	10,551	12,300	11,151	12,806	128,981	12,215	11,902
Louisiana	97,639	100,298	92,051	97,724	1,169,168	100,572	99,968
Maine	NA	2,066	2,093	2,077	20,668	1,909	1,852
Maryland	1,177	1,549	1,365	1,395	16,190	1,829	1,428
Massachusetts	4,015	4,858	4,972	4,924	47,687	4,552	3,401
Michigan	14,893	16,313	15,303	17,306	167,907	16,682	14,753
Minnesota	14,130	15,437	14,194	16,399	153,419	14,938	11,366
Mississippi	11,771	11,693	9,953	11,808	143,486	12,826	11,464
Missouri	5,540	5,630	5,694	6,186	64,874	6,674	5,567
Montana	1,875	2,331	2,194	2,400	25,655	2,632	2,526
Nebraska	6,037	NA	NA	NA	98,156	8,324	8,736
Nevada	1,506	1,634	1,613	1,500	18,403	1,620	1,521
New Hampshire	NA	NA	903	1,110	9,267	1,014	595
New Jersey	NA	NA	NA	NA	76,610	7,504	6,213
New Mexico	1,190	1,012	593	557	13,507	2,027	1,667
New York	7,505	8,032	8,301	8,538	88,541	8,009	8,076
North Carolina	10,012	10,841	10,315	11,485	122,860	11,348	10,442
North Dakota	3,550	3,520	3,569	3,800	39,492	3,147	2,955
Ohio	26,861	30,120	29,884	30,831	311,998	31,029	27,664
Oklahoma	19,075	20,341	18,295	19,879	212,415	19,251	19,018
Oregon	4,629	5,359	4,768	5,050	56,406	4,935	4,987
Pennsylvania	NA	24,737	21,749	25,211	253,189	23,475	21,054
Rhode Island	784	710	803	819	8,370	757	654
South Carolina	7,846	8,148	8,012	8,469	99,186	7,711	7,907
South Dakota	4,421	4,376	4,544	4,576	50,199	4,658	4,360
Tennessee	12,302	12,945	13,578	14,539	152,133	13,148	12,658
Texas	162,394	165,691	153,093	169,210	1,962,995	161,975	163,860
Utah	3,124	3,140	3,367	3,396	38,179	3,122	3,055
Vermont	164	200	188	211	2,170	201	184
Virginia	9,582	NA	11,870	7,431	108,304	10,015	8,453
Washington	6,224	6,838	5,944	6,907	80,040	7,208	7,081
West Virginia	3,567	3,926	3,803	3,856	37,198	3,759	3,365
Wisconsin	11,892	14,839	13,934	15,787	150,232	15,456	13,365
Wyoming	NA	NA	NA	NA	57,776	5,879	6,004
<b>Total</b>	<b>705,857</b>	<b>757,291</b>	<b>708,230</b>	<b>769,583</b>	<b>8,536,882</b>	<b>760,941</b>	<b>729,435</b>

See footnotes at end of table.



**Table 16. Natural gas deliveries to industrial consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2022						
	October	September	August	July	June	May	April
Alabama	17,520	16,213	17,308	17,071	16,839	17,713	17,980
Alaska	4,893	3,508	3,267	3,441	3,507	3,974	4,608
Arizona	1,622	1,432	1,517	1,331	1,291	1,444	1,492
Arkansas	8,744	7,932	7,915	7,339	7,996	8,768	8,576
California	55,494	55,454	59,165	55,748	52,772	55,399	53,050
Colorado	7,231	5,385	5,680	5,710	5,715	6,892	7,293
Connecticut	1,566	1,535	1,579	1,443	1,599	1,540	1,763
Delaware	2,608	2,525	2,321	2,089	2,396	2,809	2,877
District of Columbia	--	--	--	--	--	--	--
Florida	9,940	9,047	10,095	10,053	10,001	10,312	10,288
Georgia	11,117	11,481	13,113	12,534	12,291	12,591	12,686
Hawaii	7	7	7	7	8	9	8
Idaho <sup>a</sup>	3,631	2,908	2,494	2,346	2,644	2,854	2,996
Illinois	22,155	17,696	16,870	17,905	18,284	19,715	18,979
Indiana	28,246	26,660	27,123	29,155	29,291	30,767	32,524
Iowa	21,094	18,457	18,067	18,449	18,405	19,774	19,675
Kansas	10,616	10,239	12,863	13,330	11,077	11,738	11,462
Kentucky	10,693	9,665	9,453	8,936	9,075	9,326	10,771
Louisiana	91,540	95,685	95,433	94,470	92,040	97,544	98,764
Maine	1,710	1,511	1,553	1,480	1,455	1,480	1,619
Maryland	1,372	1,184	1,210	1,168	1,370	959	1,278
Massachusetts	2,974	2,914	2,680	2,929	2,966	3,272	3,602
Michigan	12,923	11,268	12,475	10,783	9,661	11,834	14,610
Minnesota	12,068	10,254	10,788	10,385	10,232	12,641	14,619
Mississippi	12,412	12,226	11,408	12,214	12,006	11,383	12,237
Missouri	3,642	4,600	4,489	4,119	4,636	4,637	6,035
Montana	2,051	1,787	1,867	2,052	1,974	1,758	2,099
Nebraska	8,222	9,011	9,318	8,547	7,193	7,437	6,924
Nevada	1,570	1,410	1,509	1,513	1,481	1,546	1,474
New Hampshire	485	670	650	625	710	860	841
New Jersey	4,593	7,009	8,272	7,631	6,626	6,144	5,298
New Mexico	2,146	1,562	741	702	558	560	559
New York	6,530	6,433	6,083	5,877	5,928	6,320	8,169
North Carolina	10,485	9,198	9,585	9,119	9,092	9,560	9,991
North Dakota	3,271	3,156	2,979	3,182	3,103	3,436	3,552
Ohio	25,542	22,458	21,644	20,405	20,407	22,644	26,054
Oklahoma	16,849	16,668	16,992	16,990	15,516	17,703	17,444
Oregon	4,550	4,065	4,096	4,020	4,386	4,770	4,991
Pennsylvania	20,687	18,477	19,291	16,481	18,966	19,945	21,176
Rhode Island	568	633	624	635	640	697	784
South Carolina	8,435	7,500	8,246	8,157	8,127	8,656	8,786
South Dakota	3,705	3,818	3,855	3,722	4,007	3,782	4,393
Tennessee	12,236	11,943	11,743	11,420	12,159	12,129	12,741
Texas	163,306	154,745	164,532	165,915	162,047	163,683	163,742
Utah	2,667	2,711	2,637	2,819	3,070	3,294	3,585
Vermont	177	143	153	144	153	167	183
Virginia	11,435	7,260	9,663	8,880	8,956	5,486	6,702
Washington	6,065	5,644	6,037	5,643	6,049	6,887	7,141
West Virginia	3,406	3,269	3,022	2,502	2,182	2,750	2,650
Wisconsin	11,779	9,473	9,619	9,483	9,604	10,101	12,210
Wyoming	4,964	4,247	4,577	4,118	4,213	4,132	4,443
<b>Total</b>	<b>691,544</b>	<b>653,077</b>	<b>676,612</b>	<b>665,016</b>	<b>654,704</b>	<b>683,821</b>	<b>705,724</b>

See footnotes at end of table.

**Table 16. Natural gas deliveries to industrial consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2022		
	March	February	January
Alabama	18,579	17,498	20,376
Alaska	5,755	5,922	6,368
Arizona	1,840	1,727	1,941
Arkansas	9,462	9,103	10,269
California	54,173	50,359	55,653
Colorado	8,568	9,048	10,261
Connecticut	1,853	2,156	2,532
Delaware	2,793	2,543	3,094
District of Columbia	--	--	--
Florida	11,866	10,814	12,033
Georgia	13,788	13,172	15,046
Hawaii	9	8	8
Idaho <sup>a</sup>	3,358	3,598	4,253
Illinois	24,106	25,902	30,594
Indiana	36,756	37,041	40,533
Iowa	21,989	20,750	24,643
Kansas	11,666	11,444	13,131
Kentucky	11,686	11,817	13,442
Louisiana	102,666	92,965	107,521
Maine	1,880	2,008	2,211
Maryland	1,437	1,314	1,641
Massachusetts	5,802	6,197	6,396
Michigan	17,240	17,167	18,511
Minnesota	14,246	14,902	16,979
Mississippi	12,453	10,881	11,975
Missouri	6,836	6,200	7,437
Montana	2,295	2,253	2,359
Nebraska	7,253	7,982	9,208
Nevada	1,629	1,472	1,658
New Hampshire	935	917	965
New Jersey	5,045	6,977	5,297
New Mexico	661	819	1,504
New York	8,427	9,335	9,353
North Carolina	11,113	10,875	12,052
North Dakota	3,610	3,420	3,680
Ohio	29,613	30,791	33,748
Oklahoma	18,567	17,766	19,651
Oregon	5,163	4,884	5,558
Pennsylvania	23,361	23,131	27,144
Rhode Island	768	810	800
South Carolina	8,957	8,214	8,490
South Dakota	4,305	4,746	4,848
Tennessee	12,790	12,347	16,818
Texas	170,922	154,704	173,563
Utah	3,450	3,892	3,876
Vermont	208	216	241
Virginia	9,884	8,273	13,297
Washington	7,672	6,798	7,816
West Virginia	3,323	3,237	3,734
Wisconsin	15,077	15,710	18,355
Wyoming	4,997	4,989	5,213
<b>Total</b>	<b>760,835</b>	<b>729,095</b>	<b>826,076</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.

-- Not applicable.

<sup>R</sup> Revised data.<sup>NA</sup> Not available.Source: U.S. Energy Information Administration (EIA): Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.

Note: Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding and/or withheld data. Appendix A, Explanatory Note 6, contains a discussion of computations and revision policy.

**Table 17. Natural gas deliveries to electric power<sup>a</sup> consumers, by state, 2022-2024**

million cubic feet

State or district	2024	2023	2022	2024		2023	
	2-month YTD	2-month YTD	2-month YTD	February	January	Total December	
Alabama	66,872	64,270	64,953	27,929	38,944	444,879	38,178
Alaska	6,031	5,027	4,753	2,789	3,242	32,460	2,861
Arizona	50,833	45,068	38,587	23,323	27,510	401,056	30,755
Arkansas	21,080	28,309	23,477	6,659	14,421	185,309	15,114
California	107,962	103,339	83,446	42,941	65,021	635,259	65,397
Colorado	24,049	24,062	19,151	10,476	13,572	133,188	11,703
Connecticut	25,488	24,853	25,448	11,747	13,741	163,844	13,992
Delaware	3,606	2,801	3,147	1,853	1,753	27,665	479
District of Columbia	--	--	--	--	--	--	--
Florida	194,624	185,629	190,969	88,751	105,873	1,414,480	97,932
Georgia	69,755	67,668	61,282	31,256	38,499	443,550	33,616
Hawaii	--	--	--	--	--	--	--
Idaho	7,875	6,787	6,778	3,682	4,193	39,126	3,878
Illinois	30,673	26,726	27,284	14,641	16,032	208,334	13,448
Indiana	45,029	41,735	40,543	21,907	23,122	256,346	20,558
Iowa	11,831	10,270	7,224	5,446	6,385	73,879	5,867
Kansas	6,384	3,811	2,786	2,986	3,398	44,076	2,192
Kentucky	19,053	15,684	24,711	6,814	12,239	108,294	8,670
Louisiana	52,749	44,568	53,109	21,909	30,841	382,352	25,984
Maine	4,638	2,846	3,940	1,850	2,788	24,673	2,131
Maryland	12,739	12,784	9,214	5,372	7,367	110,336	7,270
Massachusetts	22,070	18,028	19,837	9,195	12,875	109,583	10,157
Michigan	70,425	58,998	48,990	36,027	34,398	425,868	36,268
Minnesota	18,330	10,905	15,728	8,243	10,087	100,949	8,690
Mississippi	69,496	60,641	61,709	30,051	39,445	411,002	33,919
Missouri	12,710	8,694	8,883	4,916	7,794	86,436	6,158
Montana	1,825	2,377	781	752	1,073	10,081	1,007
Nebraska	2,964	W	1,476	1,340	1,624	20,409	1,193
Nevada	31,259	27,910	26,799	13,889	17,370	178,250	15,518
New Hampshire	4,021	2,739	3,027	1,447	2,574	30,849	1,636
New Jersey	38,585	29,453	30,203	16,600	21,985	250,848	18,996
New Mexico	16,980	16,885	10,642	8,163	8,817	113,087	9,569
New York	81,234	68,106	71,040	38,905	42,329	484,670	38,320
North Carolina	69,329	73,663	72,805	34,415	34,914	414,871	30,684
North Dakota	3,785	2,788	2,581	1,785	2,000	20,696	1,822
Ohio	100,088	80,073	80,521	47,909	52,179	537,657	49,073
Oklahoma	55,685	41,433	37,772	20,247	35,439	350,890	24,587
Oregon	30,329	27,740	25,091	14,439	15,890	157,087	14,245
Pennsylvania	154,663	159,630	147,816	76,044	78,620	947,409	76,915
Rhode Island	7,296	7,893	9,019	3,442	3,853	58,648	3,717
South Carolina	26,375	26,871	27,333	13,154	13,221	188,465	13,226
South Dakota	3,346	1,762	1,505	1,486	1,860	18,130	1,273
Tennessee	19,719	14,569	20,557	8,069	11,649	108,843	7,955
Texas	285,225	249,714	246,659	115,635	169,590	1,951,685	136,083
Utah	16,272	14,216	13,170	7,714	8,558	87,661	7,922
Vermont	2	1	1	1	1	3	--
Virginia	77,426	58,393	53,828	38,211	39,215	364,193	32,973
Washington	24,312	18,204	16,324	11,762	12,550	123,283	10,660
West Virginia	3,167	2,484	1,933	1,338	1,830	31,073	2,750
Wisconsin	33,745	33,096	28,601	15,280	18,465	203,689	16,986
Wyoming	3,459	2,363	W	1,619	1,841	14,856	1,575
<b>Total</b>	<b>2,045,394</b>	<b>1,837,458</b>	<b>1,775,936</b>	<b>914,409</b>	<b>1,130,985</b>	<b>12,930,278</b>	<b>1,013,898</b>

See footnotes at end of table.

**Table 17. Natural gas deliveries to electric power<sup>a</sup> consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2023						
	November	October	September	August	July	June	May
Alabama	38,064	30,691	36,969	48,799	47,432	42,282	36,467
Alaska	2,503	2,662	2,738	3,456	3,546	2,731	1,969
Arizona	30,250	39,114	40,377	47,485	47,217	32,704	30,973
Arkansas	10,473	9,553	17,307	21,366	21,123	18,514	17,091
California	58,840	65,147	51,286	77,742	78,082	30,119	22,332
Colorado	10,539	9,077	10,022	14,466	14,877	9,620	8,723
Connecticut	13,910	11,944	14,231	15,176	17,380	16,448	10,010
Delaware	1,463	2,520	2,328	3,696	5,884	2,397	1,518
District of Columbia	--	--	--	--	--	--	--
Florida	98,907	120,096	134,771	158,543	150,883	133,755	123,848
Georgia	30,361	31,644	41,001	48,102	44,680	43,169	40,625
Hawaii	--	--	--	--	--	--	--
Idaho	3,538	2,834	3,483	4,324	4,556	3,072	1,717
Illinois	15,167	18,321	19,083	27,528	34,134	21,852	12,551
Indiana	19,585	19,154	19,600	22,466	27,844	25,557	19,867
Iowa	4,398	5,230	6,586	9,008	9,489	7,736	6,666
Kansas	2,888	3,461	4,254	6,916	5,770	5,438	4,373
Kentucky	9,233	9,044	9,155	11,242	13,472	9,370	10,093
Louisiana	31,298	29,646	34,592	44,887	41,957	40,017	34,663
Maine	2,519	1,966	2,216	2,426	3,110	2,397	2,117
Maryland	8,950	10,855	8,749	11,782	12,750	8,999	6,931
Massachusetts	8,264	8,347	9,218	10,286	13,891	8,303	8,021
Michigan	31,810	35,701	38,197	44,430	45,595	36,231	32,172
Minnesota	6,941	7,666	7,929	13,017	13,020	11,114	7,600
Mississippi	26,165	33,947	36,537	45,108	43,971	38,053	31,119
Missouri	5,495	7,088	8,683	11,284	12,771	9,215	6,496
Montana	892	1,047	593	759	864	510	W
Nebraska	979	1,885	1,732	3,249	3,145	2,500	1,759
Nevada	12,083	15,973	15,372	18,120	21,613	11,809	13,303
New Hampshire	1,497	2,837	3,155	3,292	4,634	3,643	1,874
New Jersey	22,294	21,276	21,633	28,403	33,768	21,472	20,257
New Mexico	9,067	8,281	10,059	12,462	10,599	9,731	9,441
New York	41,340	36,902	44,863	50,960	65,858	44,353	33,230
North Carolina	32,307	30,787	36,337	45,082	44,875	33,618	30,651
North Dakota	1,736	1,909	1,807	2,185	2,218	1,830	1,267
Ohio	43,648	38,926	50,381	51,536	56,280	47,680	43,670
Oklahoma	20,935	22,495	36,785	47,808	46,230	38,461	32,305
Oregon	12,662	14,056	14,889	16,236	14,942	11,456	5,278
Pennsylvania	64,777	67,108	85,401	95,219	100,078	84,202	68,414
Rhode Island	4,894	5,613	6,124	5,802	6,251	5,486	4,716
South Carolina	14,342	14,581	16,707	20,899	18,740	15,662	17,247
South Dakota	1,089	1,553	1,458	2,529	2,630	2,024	1,562
Tennessee	8,825	7,478	10,052	11,606	10,851	10,750	10,382
Texas	136,570	147,443	201,044	249,428	221,816	200,158	168,652
Utah	6,900	6,303	8,484	8,981	8,350	6,513	6,199
Vermont	2	--	--	*	--	--	1
Virginia	25,236	22,248	33,580	44,961	44,400	34,986	23,272
Washington	10,487	11,829	12,134	13,207	13,211	7,152	3,731
West Virginia	4,169	2,818	2,032	3,561	3,617	4,117	3,113
Wisconsin	15,194	15,938	16,224	21,025	21,374	18,012	15,811
Wyoming	1,495	1,380	968	1,624	1,565	1,198	1,211
<b>Total</b>	<b>964,981</b>	<b>1,016,374</b>	<b>1,191,126</b>	<b>1,462,470</b>	<b>1,471,338</b>	<b>1,176,416</b>	<b>995,707</b>

See footnotes at end of table.

**Table 17. Natural gas deliveries to electric power<sup>a</sup> consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2023				Total	2022	
	April	March	February	January		December	November
Alabama	28,337	33,391	31,731	32,539	457,264	35,685	31,877
Alaska	2,234	2,733	2,309	2,718	26,476	2,461	1,923
Arizona	34,096	23,017	21,442	23,626	339,145	26,197	23,658
Arkansas	12,443	14,016	13,511	14,797	187,603	16,703	14,472
California	37,231	45,744	47,442	55,897	642,745	63,792	57,609
Colorado	8,763	11,336	10,037	14,025	127,017	12,370	10,438
Connecticut	11,946	13,953	11,299	13,554	163,623	11,335	13,318
Delaware	3,007	1,572	765	2,036	30,729	1,610	2,596
District of Columbia	--	--	--	--	--	--	--
Florida	108,539	101,577	88,008	97,621	1,392,662	99,840	100,702
Georgia	29,857	32,827	33,607	34,061	427,672	32,465	31,645
Hawaii	--	--	--	--	--	--	--
Idaho	1,881	3,055	3,088	3,699	34,112	3,727	3,102
Illinois	8,116	11,408	12,713	14,012	198,792	16,178	14,101
Indiana	18,416	21,565	19,632	22,103	233,990	22,050	19,130
Iowa	3,035	5,593	4,317	5,953	48,152	4,244	2,809
Kansas	2,449	2,524	1,969	1,842	29,566	1,709	2,416
Kentucky	4,378	7,951	7,644	8,039	137,415	12,961	10,964
Louisiana	27,102	27,639	25,179	19,389	365,456	26,098	23,652
Maine	1,281	1,665	1,112	1,734	24,042	1,669	1,476
Maryland	11,115	10,151	7,076	5,708	99,108	6,289	6,585
Massachusetts	7,625	7,442	9,164	8,864	119,079	10,958	8,643
Michigan	33,136	33,331	28,424	30,573	313,362	28,124	23,471
Minnesota	6,818	7,250	4,455	6,450	83,188	7,110	5,367
Mississippi	29,299	32,243	28,431	32,211	376,374	32,567	27,254
Missouri	5,808	4,744	3,832	4,861	67,379	5,173	4,068
Montana	730	886	1,009	1,369	7,106	1,372	775
Nebraska	W	946	625	W	11,171	883	595
Nevada	11,951	14,598	13,064	14,846	187,758	15,288	14,366
New Hampshire	3,724	1,818	1,127	1,611	31,983	1,465	885
New Jersey	18,505	14,790	12,235	17,219	250,494	16,865	18,393
New Mexico	8,112	8,881	7,258	9,627	88,248	9,610	8,161
New York	29,737	31,000	31,968	36,138	472,210	34,992	35,455
North Carolina	26,679	30,188	32,693	40,970	458,736	40,643	38,212
North Dakota	1,469	1,666	1,332	1,455	14,210	1,355	1,049
Ohio	32,934	43,454	39,445	40,628	466,353	39,387	38,358
Oklahoma	19,564	20,286	19,982	21,451	290,403	23,194	18,274
Oregon	11,796	13,788	13,264	14,476	132,356	15,158	12,218
Pennsylvania	65,210	80,457	76,380	83,250	878,261	74,045	64,992
Rhode Island	3,864	4,290	3,554	4,339	57,636	3,936	4,946
South Carolina	15,816	14,375	13,222	13,649	189,598	10,834	12,228
South Dakota	1,217	1,034	674	1,087	9,492	904	643
Tennessee	9,523	6,851	6,605	7,964	122,371	11,186	7,500
Texas	118,945	121,832	121,082	128,633	1,797,397	142,708	128,524
Utah	6,024	7,770	6,956	7,260	79,666	7,519	7,157
Vermont	--	--	--	1	8	1	2
Virginia	18,409	25,735	25,401	32,992	359,975	32,207	28,088
Washington	10,042	12,626	8,038	10,166	100,384	11,594	9,951
West Virginia	1,583	830	942	1,542	17,677	1,567	1,712
Wisconsin	13,860	16,168	15,296	17,799	159,125	13,966	8,386
Wyoming	518	959	1,031	1,332	10,408	1,348	964
<b>Total</b>	<b>868,551</b>	<b>931,959</b>	<b>870,374</b>	<b>967,085</b>	<b>12,117,975</b>	<b>993,345</b>	<b>903,112</b>

See footnotes at end of table.

**Table 17. Natural gas deliveries to electric power<sup>a</sup> consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2022						
	October	September	August	July	June	May	April
Alabama	34,387	40,749	48,316	51,547	49,476	40,260	29,814
Alaska	2,133	2,463	3,071	2,842	1,929	1,487	1,759
Arizona	33,206	36,794	39,560	38,904	30,358	25,841	24,935
Arkansas	13,150	18,127	21,125	21,622	18,928	13,313	12,790
California	63,847	75,320	80,333	64,917	48,126	32,962	36,975
Colorado	9,789	11,577	14,218	13,951	10,624	8,858	7,113
Connecticut	12,159	15,229	18,091	18,118	14,843	11,249	10,654
Delaware	2,828	2,289	5,344	5,468	2,624	1,712	2,021
District of Columbia	--	--	--	--	--	--	--
Florida	109,848	131,363	148,530	149,933	138,143	124,495	100,035
Georgia	30,715	39,796	47,564	49,464	44,759	36,361	27,085
Hawaii	--	--	--	--	--	--	--
Idaho	2,428	3,430	4,071	3,829	1,957	1,423	1,510
Illinois	14,652	18,930	26,263	27,599	20,760	14,513	8,451
Indiana	20,363	16,526	21,149	22,417	20,086	18,317	17,732
Iowa	3,229	4,808	7,098	6,527	4,922	3,401	1,407
Kansas	2,754	2,431	4,088	4,915	3,423	2,397	1,242
Kentucky	8,366	9,550	14,044	17,152	16,753	10,102	7,130
Louisiana	25,227	28,964	38,758	46,746	40,401	34,310	27,435
Maine	1,204	2,621	2,652	2,774	2,196	2,357	1,211
Maryland	10,016	9,524	11,677	11,121	10,879	8,320	7,851
Massachusetts	5,662	7,840	15,189	16,011	9,097	9,695	8,107
Michigan	27,260	28,738	34,664	36,199	27,770	18,112	19,053
Minnesota	6,524	7,911	9,664	9,508	6,570	4,935	5,049
Mississippi	24,471	30,693	40,720	43,045	36,719	27,811	25,006
Missouri	4,787	5,712	9,437	11,202	7,311	4,713	3,297
Montana	820	792	832	526	W	287	313
Nebraska	743	1,280	1,699	1,800	1,012	821	515
Nevada	16,046	19,043	20,843	21,462	15,992	13,231	12,312
New Hampshire	2,535	3,007	4,687	4,199	3,752	3,597	2,936
New Jersey	18,614	22,812	33,158	34,203	24,464	19,362	16,729
New Mexico	8,221	8,713	10,132	10,096	6,911	6,448	4,364
New York	34,073	36,143	57,591	61,301	42,364	38,107	30,924
North Carolina	37,034	37,958	51,325	52,898	44,403	31,827	20,996
North Dakota	1,113	1,246	1,541	1,455	W	922	1,062
Ohio	31,473	39,730	45,348	47,377	41,136	36,212	28,997
Oklahoma	23,121	28,112	39,123	43,966	29,354	23,376	12,966
Oregon	11,595	13,979	14,512	9,761	4,311	5,784	10,236
Pennsylvania	71,052	77,407	87,933	88,956	74,491	63,189	56,660
Rhode Island	3,984	5,035	6,650	6,783	5,259	4,720	3,088
South Carolina	15,760	18,675	22,977	23,101	21,005	16,680	9,735
South Dakota	681	971	1,276	1,252	W	616	W
Tennessee	5,882	9,447	12,990	14,437	13,365	7,519	8,096
Texas	138,409	178,998	215,090	219,242	184,017	151,154	99,596
Utah	7,059	7,619	7,917	7,464	5,977	5,264	5,287
Vermont	--	--	1	--	1	1	--
Virginia	26,673	33,450	41,740	42,272	35,244	22,825	15,048
Washington	11,848	11,992	11,779	9,430	3,174	2,447	6,808
West Virginia	1,240	1,308	1,755	2,635	2,173	1,586	1,064
Wisconsin	11,478	11,645	17,333	18,314	15,802	11,544	11,798
Wyoming	1,212	944	1,394	1,275	876	1,005	691
<b>Total</b>	<b>949,669</b>	<b>1,121,693</b>	<b>1,375,253</b>	<b>1,400,013</b>	<b>1,145,902</b>	<b>925,471</b>	<b>748,335</b>

See footnotes at end of table.

**Table 17. Natural gas deliveries to electric power<sup>a</sup> consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2022		
	March	February	January
Alabama	30,200	27,085	37,868
Alaska	1,656	2,156	2,597
Arizona	21,103	18,898	19,690
Arkansas	13,895	7,881	15,597
California	35,419	37,608	45,838
Colorado	8,928	9,318	9,832
Connecticut	13,179	12,274	13,174
Delaware	1,090	1,626	1,521
District of Columbia	--	--	--
Florida	98,804	85,874	105,094
Georgia	26,536	28,022	33,260
Hawaii	--	--	--
Idaho	1,857	3,167	3,611
Illinois	10,061	10,372	16,911
Indiana	15,677	18,034	22,509
Iowa	2,483	3,297	3,927
Kansas	1,404	1,401	1,385
Kentucky	5,681	9,326	15,385
Louisiana	20,756	24,142	28,966
Maine	1,941	1,744	2,196
Maryland	7,631	4,427	4,786
Massachusetts	8,040	8,909	10,929
Michigan	20,981	21,555	27,436
Minnesota	4,823	6,483	9,245
Mississippi	26,380	26,870	34,839
Missouri	2,797	3,245	5,638
Montana	292	346	435
Nebraska	W	627	849
Nevada	12,375	12,583	14,216
New Hampshire	1,893	1,464	1,562
New Jersey	15,690	16,038	14,165
New Mexico	4,948	5,100	5,542
New York	30,220	33,983	37,057
North Carolina	30,636	36,990	35,815
North Dakota	876	1,217	1,364
Ohio	37,814	36,354	44,167
Oklahoma	11,145	17,726	20,045
Oregon	9,708	11,556	13,535
Pennsylvania	71,720	69,606	78,210
Rhode Island	4,216	4,380	4,639
South Carolina	11,269	13,101	14,231
South Dakota	W	601	904
Tennessee	11,391	9,156	11,401
Texas	92,999	116,909	129,750
Utah	5,233	6,125	7,045
Vermont	2	--	1
Virginia	28,599	25,611	28,217
Washington	5,038	7,551	8,773
West Virginia	704	590	1,343
Wisconsin	10,258	13,168	15,433
Wyoming	194	W	335
<b>Total</b>	<b>779,245</b>	<b>814,667</b>	<b>961,269</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.

\* Volume is less than 500 Mcf.

W Withheld.

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

Note: Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding and/or withheld data. Appendix A, Explanatory Note 6, contains a discussion of computations and revision policy.



**Table 18. Natural gas deliveries to all consumers, by state, 2022-2024**

million cubic feet

State or district	2024	2023	2022	2024		2023	
	2-month YTD	2-month YTD	2-month YTD	February	January	Total	
Alabama	126,397	114,886	123,188	53,945	72,452	¥714,495	66,670
Alaska	30,971	27,178	26,867	14,316	16,656	NA	NA
Arizona	78,866	75,018	66,153	36,169	42,697	NA	41,490
Arkansas	66,595	69,789	71,174	27,428	39,167	¥366,459	34,288
California	NA	395,917	365,551	170,018	NA	1,991,855	193,858
Colorado	104,964	110,354	103,198	45,724	59,240	¥427,913	50,372
Connecticut	62,340	57,742	64,020	28,848	33,492	285,545	29,663
Delaware	16,203	14,391	16,835	7,642	8,561	80,849	6,390
District of Columbia	7,756	6,858	9,190	3,356	4,400	24,965	3,514
Florida	NA	223,992	232,803	109,199	NA	1,627,026	118,539
Georgia	163,442	142,661	152,767	70,778	92,665	¥775,897	77,935
Hawaii	531	509	490	253	278	2,985	248
Idaho	33,028	32,078	32,407	14,358	18,670	137,128	16,164
Illinois	NA	269,488	313,150	114,374	NA	¥1,052,228	117,844
Indiana	193,907	182,272	205,804	86,172	107,735	NA	88,452
Iowa	91,178	91,405	97,888	39,939	51,239	¥436,981	43,632
Kansas	64,887	62,198	64,500	25,463	39,424	NA	28,722
Kentucky	74,294	63,130	83,240	29,892	44,403	310,541	32,759
Louisiana	256,499	250,992	273,702	115,036	141,463	¥1,615,445	144,917
Maine	12,690	10,619	12,481	5,590	7,100	NA	5,744
Maryland	62,598	54,968	64,502	27,384	35,214	262,441	28,109
Massachusetts	99,779	91,106	116,154	44,540	55,239	¥354,365	41,053
Michigan	255,564	237,735	261,399	115,099	140,465	¥1,053,849	111,914
Minnesota	120,315	123,320	143,757	52,056	68,259	NA	55,254
Mississippi	109,417	94,547	98,743	47,405	62,012	¥587,274	52,443
Missouri	75,002	73,042	84,826	29,927	45,075	¥299,981	34,432
Montana	21,172	21,686	19,460	9,558	11,614	84,627	9,615
Nebraska	39,576	NA	42,091	16,081	23,495	NA	17,964
Nevada	NA	56,423	54,766	26,132	NA	NA	26,917
New Hampshire	NA	9,916	11,384	NA	NA	NA	NA
New Jersey	NA	NA	172,607	NA	99,199	NA	79,100
New Mexico	39,219	39,374	33,152	17,784	21,435	NA	21,120
New York	324,019	286,293	326,687	148,132	175,887	¥1,263,465	138,486
North Carolina	139,332	129,489	145,083	63,765	75,567	650,891	63,868
North Dakota	19,698	19,984	20,258	9,202	10,497	92,033	9,461
Ohio	307,145	277,213	310,846	138,931	168,214	¥1,273,346	139,179
Oklahoma	132,267	113,937	115,861	52,547	79,720	¥674,485	60,364
Oregon	63,481	61,712	58,155	29,318	34,163	¥291,251	29,505
Pennsylvania	334,254	316,415	333,747	155,683	178,571	NA	156,247
Rhode Island	19,035	18,795	22,835	8,888	10,147	95,016	8,501
South Carolina	63,368	59,262	64,051	29,856	33,513	336,572	30,251
South Dakota	21,293	19,778	20,511	9,669	11,624	94,557	9,333
Tennessee	NA	83,547	99,510	NA	NA	NA	NA
Texas	760,646	689,110	709,958	330,196	430,450	¥4,324,838	369,389
Utah	58,371	61,304	55,716	26,349	32,022	249,429	30,700
Vermont	3,368	3,223	3,965	1,574	1,794	12,361	1,507
Virginia	138,429	118,308	128,973	65,859	72,570	NA	65,504
Washington	NA	73,760	74,604	36,745	NA	NA	NA
West Virginia	NA	22,991	25,423	NA	NA	NA	NA
Wisconsin	137,296	137,731	152,578	59,830	77,466	¥584,322	61,698
Wyoming	25,163	NA	18,222	11,480	13,683	NA	12,944
<b>Total</b>	<b>6,089,835</b>	<b>5,705,552</b>	<b>6,105,232</b>	<b>2,698,060</b>	<b>3,391,775</b>	<b>¥29,314,005</b>	<b>2,878,435</b>

See footnotes at end of table.



**Table 18. Natural gas deliveries to all consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2023						
	November	October	September	August	July	June	May
Alabama	62,222	51,333	56,136	68,956	67,131	62,032	57,747
Alaska	12,666	10,492	8,532	8,548	8,798	8,012	7,984
Arizona	37,763	NA	45,245	52,334	51,724	37,929	37,226
Arkansas	25,913	22,722	28,752	32,887	32,233	30,317	29,938
California	167,754	167,534	144,047	170,821	169,463	122,498	124,512
Colorado	42,337	30,258	20,691	24,827	24,679	20,793	22,696
Connecticut	27,709	19,396	19,651	20,302	22,633	21,762	16,816
Delaware	6,816	6,339	5,425	6,704	9,101	5,690	5,681
District of Columbia	3,155	1,488	951	930	959	1,158	1,324
Florida	116,338	137,277	150,949	174,599	167,172	150,493	140,682
Georgia	63,550	55,537	60,225	67,550	63,554	62,529	62,233
Hawaii	234	248	251	245	243	266	241
Idaho	13,881	11,129	8,481	8,420	8,470	7,348	6,651
Illinois	103,653	74,230	53,772	60,610	67,182	56,716	56,630
Indiana	78,131	63,698	NA	59,161	63,500	60,641	59,986
Iowa	37,833	33,143	29,598	31,717	31,873	30,063	31,329
Kansas	25,708	19,801	17,144	21,726	20,085	18,182	NA
Kentucky	29,160	23,439	20,576	22,893	24,646	21,010	23,201
Louisiana	137,004	133,777	127,908	145,433	141,526	136,068	134,569
Maine	NA	NA	NA	NA	NA	3,816	3,970
Maryland	27,376	20,409	14,858	18,118	19,018	15,525	14,525
Massachusetts	36,461	21,534	18,443	19,014	22,335	18,157	21,103
Michigan	102,133	78,016	61,087	67,360	67,194	59,748	66,297
Minnesota	44,558	33,500	24,176	29,729	29,511	29,891	NA
Mississippi	41,088	47,778	49,305	58,387	56,936	50,791	44,228
Missouri	27,269	20,461	16,948	19,652	21,036	17,759	16,558
Montana	8,007	6,461	4,070	4,367	4,389	4,085	4,731
Nebraska	14,684	13,360	10,961	13,591	13,180	11,525	10,869
Nevada	NA	NA	NA	NA	25,886	16,871	NA
New Hampshire	NA	NA	NA	NA	NA	NA	NA
New Jersey	70,265	46,950	39,094	47,619	51,088	NA	NA
New Mexico	NA	NA	13,113	15,613	13,657	12,953	13,168
New York	126,541	81,444	75,889	80,288	99,804	78,640	74,395
North Carolina	57,707	47,186	48,791	57,501	56,710	45,234	45,910
North Dakota	8,374	6,269	5,065	5,921	6,451	5,728	6,521
Ohio	119,530	81,880	81,448	85,053	89,093	80,703	90,821
Oklahoma	47,759	44,363	57,692	69,596	66,776	59,751	55,627
Oregon	26,579	23,954	21,446	22,265	20,746	17,920	12,698
Pennsylvania	134,607	109,503	116,063	126,208	129,483	113,981	103,627
Rhode Island	9,143	7,457	7,536	7,041	7,495	7,068	6,519
South Carolina	28,414	25,477	26,046	30,393	27,967	25,353	27,919
South Dakota	7,809	6,554	5,938	6,937	7,020	6,610	6,629
Tennessee	NA	NA	NA	26,220	NA	NA	26,923
Texas	346,283	338,264	379,291	434,019	404,626	377,658	351,974
Utah	24,738	14,884	14,016	14,856	14,557	12,551	13,705
Vermont	1,329	815	612	591	612	523	678
Virginia	53,710	37,590	50,947	59,127	NA	48,848	38,228
Washington	34,922	29,286	23,441	22,935	22,646	NA	15,889
West Virginia	12,552	8,964	6,703	7,992	8,239	9,115	8,009
Wisconsin	54,979	41,834	32,030	37,177	36,868	34,046	37,315
Wyoming	11,133	9,397	7,203	6,987	6,788	6,491	NA
<b>Total</b>	<b>2,551,391</b>	<b>2,177,585</b>	<b>2,120,492</b>	<b>2,404,112</b>	<b>2,399,020</b>	<b>2,112,626</b>	<b>2,060,693</b>

See footnotes at end of table.

**Table 18. Natural gas deliveries to all consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2023				Total	2022	
	April	March	February	January		December	November
Alabama	49,578	57,804	55,098	59,788	726,497	62,421	55,558
Alaska	9,560	12,840	12,688	14,491	120,531	14,986	11,942
Arizona	42,501	36,199	35,810	39,208	438,548	39,227	32,638
Arkansas	27,205	32,415	R33,518	36,270	379,448	36,705	30,237
California	146,212	189,238	186,182	209,734	2,001,832	211,233	188,387
Colorado	32,302	48,604	47,406	62,948	423,428	56,056	46,096
Connecticut	20,751	29,120	27,377	30,365	291,344	28,928	25,109
Delaware	7,023	7,289	6,273	8,118	84,940	8,056	7,362
District of Columbia	1,531	3,098	3,110	3,748	27,663	4,047	2,604
Florida	126,056	120,929	106,220	117,772	1,605,299	118,645	117,065
Georgia	54,535	65,589	65,944	76,716	773,395	78,064	63,950
Hawaii	238	262	222	287	2,993	254	256
Idaho	10,015	14,493	15,349	16,729	132,388	17,452	15,479
Illinois	74,650	117,453	125,443	R144,044	1,132,741	150,072	105,216
Indiana	67,312	90,028	85,017	97,255	863,829	98,152	77,795
Iowa	32,596	43,793	42,272	49,133	423,253	48,361	38,190
Kansas	20,187	R27,284	28,664	33,535	284,575	34,071	26,548
Kentucky	19,425	30,301	29,073	34,057	354,727	40,654	32,289
Louisiana	128,944	134,307	124,235	126,757	1,602,245	135,312	130,481
Maine	NA	5,287	R4,991	5,628	57,110	5,328	4,468
Maryland	20,181	29,353	26,812	28,156	272,064	32,681	22,864
Massachusetts	25,604	39,556	R44,595	46,511	415,148	52,240	34,476
Michigan	R84,834	117,529	113,169	124,566	990,324	123,148	89,476
Minnesota	R42,539	R58,294	56,509	66,810	507,275	63,614	43,393
Mississippi	43,581	48,190	43,346	51,201	562,376	51,459	43,307
Missouri	20,375	32,449	32,177	40,865	302,012	41,230	28,394
Montana	7,042	10,172	9,975	11,711	83,090	12,622	9,716
Nebraska	12,613	NA	NA	NA	181,956	21,977	16,635
Nevada	20,976	28,457	26,654	29,769	287,223	25,366	23,116
New Hampshire	NA	NA	4,673	5,244	58,034	5,047	2,647
New Jersey	NA	NA	NA	NA	719,998	88,319	59,505
New Mexico	13,790	18,990	17,776	R21,599	166,503	21,279	17,724
New York	86,344	135,340	135,989	150,303	1,316,741	157,653	110,747
North Carolina	43,735	54,760	57,032	72,457	714,110	77,718	62,051
North Dakota	8,342	9,916	9,308	10,676	84,798	9,239	6,566
Ohio	95,014	133,412	132,093	R145,120	1,255,234	153,092	118,483
Oklahoma	R45,225	R53,394	54,087	59,850	611,600	60,379	48,782
Oregon	24,219	30,208	29,958	31,754	270,445	33,817	28,842
Pennsylvania	NA	155,755	153,093	163,323	1,538,680	169,113	122,519
Rhode Island	6,440	9,020	8,738	10,058	95,458	8,174	7,433
South Carolina	27,200	28,289	27,663	31,599	348,327	28,870	26,056
South Dakota	8,310	9,639	9,139	10,640	87,438	10,883	7,141
Tennessee	29,894	34,548	38,993	44,554	409,318	45,803	34,800
Texas	306,560	327,663	330,939	R358,171	4,190,996	363,898	338,953
Utah	18,906	29,213	29,088	32,216	244,561	33,127	28,904
Vermont	969	1,502	1,575	1,648	13,479	1,595	1,171
Virginia	37,245	NA	56,298	62,010	627,600	67,598	52,506
Washington	29,418	37,872	34,663	39,097	337,672	44,072	38,418
West Virginia	8,360	10,941	10,592	12,399	103,593	12,895	9,699
Wisconsin	46,027	64,617	64,408	73,323	575,640	69,976	48,027
Wyoming	NA	NA	NA	NA	94,611	11,829	10,085
<b>Total</b>	<b>R2,169,551</b>	<b>R2,734,547</b>	<b>R2,690,302</b>	<b>R3,015,250</b>	<b>29,193,090</b>	<b>3,086,737</b>	<b>2,504,109</b>

See footnotes at end of table.

**Table 18. Natural gas deliveries to all consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2022						
	October	September	August	July	June	May	April
Alabama	54,929	58,830	67,438	70,299	68,080	60,063	51,491
Alaska	10,080	7,724	7,594	7,286	6,448	7,247	9,177
Arizona	38,678	41,375	44,427	43,391	35,632	31,780	32,367
Arkansas	26,329	29,794	32,560	32,290	30,589	26,142	28,545
California	162,871	167,163	174,687	159,447	139,822	134,747	141,689
Colorado	28,307	22,286	24,587	24,080	21,343	24,019	31,513
Connecticut	20,068	20,547	23,278	23,095	19,998	17,843	20,701
Delaware	6,709	5,438	8,240	8,171	5,651	5,439	6,581
District of Columbia	1,209	1,000	1,018	1,069	895	1,251	2,052
Florida	126,705	146,421	164,595	165,720	154,706	141,638	117,711
Georgia	53,665	58,332	67,387	68,595	63,804	56,810	51,686
Hawaii	241	255	241	245	262	249	257
Idaho	9,263	8,061	8,600	7,404	6,301	7,343	9,265
Illinois	74,003	54,801	58,618	60,854	55,438	62,632	85,204
Indiana	62,314	49,521	54,074	56,496	54,925	57,294	68,421
Iowa	31,663	26,303	28,024	27,872	26,286	27,866	31,828
Kansas	18,963	15,810	20,238	21,638	17,839	18,819	20,226
Kentucky	23,631	21,200	25,316	27,938	27,947	22,178	23,705
Louisiana	120,885	127,895	137,469	144,284	135,531	135,120	130,812
Maine	3,554	4,518	4,531	4,573	4,027	4,389	3,836
Maryland	20,232	15,446	17,092	17,335	17,394	15,983	22,930
Massachusetts	21,680	19,844	25,308	25,667	19,770	24,769	29,943
Michigan	70,322	52,595	57,142	58,242	50,475	47,995	78,719
Minnesota	32,406	24,253	26,362	24,844	22,752	28,464	44,592
Mississippi	39,148	44,370	53,579	56,599	50,153	40,854	40,224
Missouri	17,640	14,358	17,709	18,918	15,627	15,272	20,369
Montana	4,979	3,861	3,957	4,157	3,988	4,977	7,038
Nebraska	12,046	12,002	12,675	12,223	10,685	11,972	13,153
Nevada	22,411	23,794	25,524	26,362	21,459	20,162	20,117
New Hampshire	3,672	4,180	5,763	5,225	4,890	5,027	5,146
New Jersey	43,827	41,432	49,928	54,020	42,464	46,736	54,010
New Mexico	15,019	12,689	13,208	12,939	9,775	9,718	8,379
New York	80,849	65,440	87,562	95,671	74,931	82,327	100,469
North Carolina	55,628	51,288	64,623	65,361	56,760	45,595	37,553
North Dakota	5,520	4,968	5,163	5,156	5,019	6,261	7,591
Ohio	79,593	72,916	76,371	77,516	73,878	76,322	93,155
Oklahoma	44,478	47,727	58,901	63,666	47,781	45,196	36,668
Oregon	20,116	20,150	20,388	15,684	11,561	15,664	22,994
Pennsylvania	113,872	106,331	116,946	114,338	103,445	99,515	110,463
Rhode Island	5,499	6,359	7,928	8,184	6,909	6,689	6,268
South Carolina	27,686	28,446	33,288	33,338	31,254	27,686	22,140
South Dakota	5,391	5,354	5,670	5,523	5,622	5,612	7,403
Tennessee	25,245	25,473	28,389	29,259	29,132	24,275	29,427
Texas	324,427	350,782	396,349	403,215	363,717	334,396	290,740
Utah	16,698	13,266	14,014	14,101	12,787	15,284	18,641
Vermont	868	653	642	612	655	641	1,140
Virginia	48,139	46,171	56,452	55,769	49,464	35,039	32,058
Washington	26,476	22,259	21,945	19,255	14,787	19,017	28,502
West Virginia	7,969	6,302	5,963	6,387	5,567	5,949	7,540
Wisconsin	38,622	28,274	33,427	34,839	31,931	32,403	47,592
Wyoming	7,319	5,801	6,564	5,949	6,052	6,590	7,561
<b>Total</b>	<b>2,111,844</b>	<b>2,044,059</b>	<b>2,301,750</b>	<b>2,325,099</b>	<b>2,076,209</b>	<b>1,999,260</b>	<b>2,119,591</b>

See footnotes at end of table.

**Table 18. Natural gas deliveries to all consumers, by state, 2022-2024**

million cubic feet – continued

State or district	2022		
	March	February	January
Alabama	54,200	52,782	70,406
Alaska	11,180	12,173	14,693
Arizona	32,880	32,015	34,138
Arkansas	35,083	30,920	40,254
California	156,234	168,172	197,379
Colorado	41,944	49,283	53,915
Connecticut	27,755	29,702	34,318
Delaware	6,459	7,495	9,340
District of Columbia	3,330	4,119	5,071
Florida	119,289	105,909	126,894
Georgia	58,336	66,103	86,663
Hawaii	243	227	263
Idaho	10,815	14,726	17,680
Illinois	112,755	141,748	171,402
Indiana	79,031	93,432	112,372
Iowa	38,972	43,946	53,942
Kansas	25,925	30,491	34,008
Kentucky	26,629	35,325	47,915
Louisiana	130,754	125,005	148,698
Maine	5,405	5,645	6,836
Maryland	25,605	27,705	36,797
Massachusetts	45,298	53,961	62,193
Michigan	100,811	117,292	144,107
Minnesota	52,838	67,057	76,700
Mississippi	43,940	44,271	54,472
Missouri	27,669	37,536	47,290
Montana	8,335	9,381	10,080
Nebraska	16,498	19,448	22,642
Nevada	24,148	24,777	29,989
New Hampshire	5,053	5,199	6,185
New Jersey	67,150	83,102	89,505
New Mexico	12,620	15,482	17,670
New York	134,407	152,922	173,765
North Carolina	52,450	67,140	77,943
North Dakota	9,056	9,629	10,629
Ohio	123,062	142,548	168,298
Oklahoma	42,162	54,780	61,082
Oregon	23,074	26,671	31,484
Pennsylvania	148,390	152,726	181,020
Rhode Island	9,178	10,424	12,411
South Carolina	25,511	29,370	34,681
South Dakota	8,329	9,456	11,055
Tennessee	38,004	43,047	56,462
Texas	314,561	342,736	367,222
Utah	22,022	25,656	30,060
Vermont	1,537	1,793	2,172
Virginia	55,431	56,432	72,541
Washington	28,337	34,284	40,320
West Virginia	9,899	11,341	14,082
Wisconsin	57,972	69,344	83,234
Wyoming	8,637	8,812	9,411
<b>Total</b>	<b>2,519,200</b>	<b>2,803,540</b>	<b>3,301,692</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.

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

**Note:** Geographic coverage is the 50 states and the District of Columbia. Totals may not equal sum of components because of independent rounding and/or withheld data.

Appendix A, Explanatory Note 6, contains a discussion of computations and revision policy.

**Table 19. Average citygate price, by state, 2022-2024**

dollars per thousand cubic feet

State or district	2024	2023	2022	2024		2023	
	2-month YTD	2-month YTD	2-month YTD	February	January	Total	December
Alabama	3.69	4.82	4.95	3.27	3.96	4.04	3.70
Alaska	8.65	8.16	7.87	9.06	8.32	8.33	8.32
Arizona	5.10	8.92	5.92	4.31	5.66	5.01	4.12
Arkansas	4.40	6.83	7.35	4.68	4.11	5.94	4.08
California	NA	NA	7.10	NA	3.78	NA	6.96
Colorado	4.74	8.38	5.36	4.23	5.09	5.55	3.90
Connecticut	4.63	6.23	5.37	4.41	4.82	5.82	4.75
Delaware	4.80	7.49	5.30	4.52	5.01	NA	4.95
District of Columbia	--	--	--	--	--	--	--
Florida	5.80	8.07	7.50	5.33	6.21	7.31	6.61
Georgia	NA	5.65	4.97	3.39	NA	NA	NA
Hawaii	22.90	26.10	26.23	23.79	22.03	28.22	22.59
Idaho	3.34	NA	3.37	2.98	3.61	NA	3.21
Illinois	4.81	4.78	5.09	3.66	5.67	4.04	3.74
Indiana	4.76	5.81	4.93	3.82	5.35	4.45	3.68
Iowa	NA	6.96	5.99	4.83	NA	NA	4.21
Kansas	5.52	8.00	6.24	5.35	5.60	NA	4.79
Kentucky	3.71	5.09	4.86	3.31	3.96	4.05	3.38
Louisiana	4.25	5.43	4.81	4.10	4.35	NA	3.97
Maine	NA	11.47	10.78	NA	9.64	NA	6.73
Maryland	4.75	7.97	5.67	4.54	4.89	6.53	4.95
Massachusetts	5.87	7.61	6.69	5.33	6.31	7.42	5.83
Michigan	4.04	5.28	4.09	4.14	3.96	4.20	3.95
Minnesota	NA	7.83	6.05	NA	4.61	NA	4.16
Mississippi	4.56	6.35	5.12	4.52	4.59	5.04	4.37
Missouri	3.74	5.90	5.33	3.73	3.74	4.63	3.59
Montana	4.22	5.70	4.84	4.03	4.36	4.34	3.53
Nebraska	4.69	7.80	6.50	5.39	4.38	NA	3.81
Nevada	5.39	NA	6.46	4.41	6.16	NA	5.29
New Hampshire	5.28	NA	10.06	6.70	4.10	NA	4.25
New Jersey	5.27	7.09	5.44	5.61	5.00	NA	5.28
New Mexico	4.58	NA	5.79	4.42	4.69	NA	4.12
New York	3.83	5.66	5.31	3.37	4.23	4.81	3.71
North Carolina	3.27	3.83	5.04	2.43	3.78	3.55	2.94
North Dakota	5.02	6.51	5.91	4.39	5.52	NA	3.18
Ohio	NA	6.03	5.60	3.75	NA	NA	3.89
Oklahoma	6.72	9.12	7.40	7.07	6.52	7.07	5.35
Oregon	5.55	5.98	4.31	5.51	5.58	5.62	5.55
Pennsylvania	4.36	6.28	5.95	4.02	4.61	5.25	4.23
Rhode Island	7.35	9.81	7.23	6.95	7.69	8.82	6.59
South Carolina	4.60	5.53	6.01	4.02	5.00	4.78	4.41
South Dakota	5.56	6.68	5.74	5.18	5.83	5.30	4.33
Tennessee	NA	NA	5.16	NA	NA	NA	NA
Texas	NA	5.88	5.30	4.00	NA	4.32	3.90
Utah	6.29	8.36	7.22	5.55	6.86	6.59	5.34
Vermont	4.94	6.41	5.39	4.89	4.98	5.41	5.08
Virginia	4.50	6.62	5.60	4.21	4.73	NA	4.50
Washington	4.77	NA	5.61	5.11	4.50	NA	5.41
West Virginia	NA	6.86	4.32	NA	NA	NA	NA
Wisconsin	4.49	7.45	5.93	4.84	4.24	NA	4.74
Wyoming	4.49	7.51	3.48	3.29	5.93	NA	3.18
<b>Total</b>	<b>4.66</b>	<b>6.86</b>	<b>5.61</b>	<b>4.52</b>	<b>4.76</b>	<b>5.29</b>	<b>4.39</b>

See footnotes at end of table.

**Table 19. Average citygate price, by state, 2022-2024**

dollars per thousand cubic feet – continued

State or district	2023						
	November	October	September	August	July	June	May
Alabama	4.08	4.17	3.93	3.84	4.06	3.65	3.30
Alaska	8.36	8.35	8.55	8.87	8.92	8.73	8.46
Arizona	3.85	2.81	2.94	2.84	3.38	2.78	2.27
Arkansas	4.64	4.70	5.43	5.55	6.30	5.03	5.88
California	6.57	3.13	5.02	5.58	5.26	NA	4.29
Colorado	3.83	3.76	4.58	4.21	4.43	3.55	3.96
Connecticut	4.51	5.60	7.03	7.19	7.37	7.60	6.87
Delaware	5.02	7.75	11.67	12.17	12.55	12.27	9.42
District of Columbia	--	--	--	--	--	--	--
Florida	7.81	7.18	7.02	6.72	8.63	6.51	6.47
Georgia	NA	NA	NA	NA	5.11	4.40	NA
Hawaii	25.00	25.98	33.01	32.85	29.30	36.01	27.42
Idaho	3.24	3.38	2.89	2.88	2.68	3.34	3.31
Illinois	3.57	3.70	4.64	4.70	4.25	4.45	2.91
Indiana	3.26	3.27	3.55	3.87	4.26	3.93	3.26
Iowa	4.62	3.96	4.37	4.51	4.24	4.16	NA
Kansas	4.56	5.29	7.51	6.26	7.23	7.43	NA
Kentucky	3.62	3.49	3.56	3.62	3.66	3.05	2.91
Louisiana	4.31	4.00	NA	NA	3.17	2.71	3.13
Maine	6.24	5.89	7.62	7.74	8.12	5.71	4.30
Maryland	4.45	5.72	7.09	6.37	9.02	7.36	5.81
Massachusetts	5.99	8.14	12.08	13.30	13.43	11.73	8.49
Michigan	3.28	3.06	3.15	3.13	3.19	3.03	3.20
Minnesota	3.06	2.51	4.33	4.75	4.71	4.70	NA
Mississippi	4.67	4.20	4.23	4.04	4.03	3.87	3.69
Missouri	3.84	3.74	4.59	4.23	4.22	4.05	4.07
Montana	4.20	3.97	4.18	4.20	4.23	2.93	2.72
Nebraska	3.96	3.62	4.67	3.74	3.90	3.74	4.04
Nevada	5.40	4.33	4.57	4.99	4.65	3.80	2.81
New Hampshire	5.10	7.14	5.72	8.09	8.21	6.52	4.90
New Jersey	5.28	4.96	4.53	4.57	4.38	4.42	4.24
New Mexico	3.88	3.85	2.99	3.50	3.29	2.73	2.33
New York	3.81	4.28	6.13	5.81	6.85	5.98	4.34
North Carolina	3.04	3.95	4.23	4.30	4.52	4.77	3.48
North Dakota	5.24	6.09	4.99	4.71	4.55	NA	NA
Ohio	4.57	4.58	3.69	NA	5.27	5.15	4.72
Oklahoma	6.09	5.14	5.72	R5.45	R5.82	R5.06	R4.34
Oregon	5.35	5.18	6.16	6.13	6.18	6.26	6.02
Pennsylvania	4.85	3.99	6.31	4.68	5.92	4.89	4.56
Rhode Island	5.28	9.35	11.73	9.91	14.57	9.47	9.05
South Carolina	4.39	4.81	5.13	4.87	5.00	4.81	4.32
South Dakota	5.69	5.02	5.78	4.78	4.34	3.56	2.56
Tennessee	NA	NA	3.31	3.37	NA	NA	3.98
Texas	3.97	3.78	3.71	3.52	3.61	3.34	3.14
Utah	4.90	4.78	6.22	6.73	5.14	6.37	3.91
Vermont	4.97	4.40	5.32	4.56	4.49	4.74	4.97
Virginia	4.21	4.78	5.19	5.19	4.62	4.64	5.00
Washington	5.28	4.60	5.66	5.41	4.68	5.23	4.79
West Virginia	NA	NA	5.28	7.60	5.61	NA	4.85
Wisconsin	4.25	3.86	4.44	4.47	4.74	NA	NA
Wyoming	4.64	3.76	4.89	NA	4.03	3.13	2.80
<b>Total</b>	<b>4.36</b>	<b>4.16</b>	<b>5.03</b>	<b>R4.80</b>	<b>5.04</b>	<b>4.67</b>	<b>4.17</b>

See footnotes at end of table.

**Table 19. Average citygate price, by state, 2022-2024**

dollars per thousand cubic feet – continued

State or district	2023				2022		
	April	March	February	January	Total	December	November
Alabama	3.19	4.09	4.22	5.30	6.74	7.25	5.90
Alaska	8.22	8.13	8.15	8.16	8.12	8.14	8.18
Arizona	2.10	3.11	5.43	11.86	6.87	9.98	5.94
Arkansas	7.07	5.87	6.47	7.12	8.17	7.97	6.20
California	4.97	NA	11.10	NA	8.02	11.83	7.08
Colorado	3.88	4.96	6.57	9.83	6.61	8.65	6.45
Connecticut	4.54	5.79	5.85	6.61	7.93	7.95	7.48
Delaware	NA	7.32	7.64	7.36	7.36	8.02	8.29
District of Columbia	--	--	--	--	--	--	--
Florida	7.07	7.52	7.66	8.35	9.57	9.75	9.26
Georgia	3.74	4.83	5.40	5.83	7.26	9.14	6.60
Hawaii	28.70	27.89	26.27	25.94	32.23	23.50	28.56
Idaho	3.05	3.89	4.15	NA	4.82	9.69	5.15
Illinois	3.34	3.52	4.36	5.12	6.24	6.81	6.04
Indiana	3.34	4.94	5.74	5.88	6.02	7.14	6.66
Iowa	5.48	6.05	6.86	7.04	6.94	8.23	6.98
Kansas	4.97	6.17	7.49	8.40	7.58	8.68	7.16
Kentucky	3.20	4.69	4.88	5.24	6.31	6.88	6.16
Louisiana	4.67	4.23	5.16	5.66	5.62	6.57	5.56
Maine	NA	7.26	11.27	11.66	10.00	11.34	8.82
Maryland	5.26	7.45	7.90	8.03	7.54	9.07	7.62
Massachusetts	5.64	5.89	7.81	7.40	9.05	8.98	9.11
Michigan	2.92	4.92	5.07	5.47	5.09	5.69	5.41
Minnesota	6.78	7.02	7.49	8.12	6.96	8.81	7.10
Mississippi	4.37	6.03	6.00	6.65	6.73	7.21	6.42
Missouri	4.40	4.53	5.51	6.19	5.84	6.55	5.39
Montana	3.09	4.11	5.60	5.79	5.87	6.58	6.61
Nebraska	NA	5.12	7.42	8.09	7.07	7.84	5.94
Nevada	5.20	5.78	9.23	NA	9.10	18.15	8.29
New Hampshire	NA	5.06	9.90	NA	9.44	10.88	7.64
New Jersey	NA	6.88	6.62	7.54	6.42	6.67	7.05
New Mexico	2.57	NA	NA	9.50	6.85	9.74	6.58
New York	3.38	4.76	5.53	5.80	6.89	7.95	7.19
North Carolina	3.69	3.04	3.22	4.26	6.48	6.51	5.03
North Dakota	2.80	3.91	6.15	6.79	7.11	8.80	9.69
Ohio	NA	4.95	5.49	6.47	6.59	7.58	6.58
Oklahoma	R4.57	R7.93	R8.93	R9.28	8.13	8.91	8.70
Oregon	5.06	5.06	5.63	6.32	5.51	7.75	4.99
Pennsylvania	3.93	5.76	6.10	6.43	7.27	8.04	8.06
Rhode Island	3.73	12.00	13.36	6.32	7.71	7.26	6.08
South Carolina	4.28	4.36	5.02	5.91	8.32	9.76	6.78
South Dakota	3.49	5.40	6.29	6.99	6.97	8.49	7.81
Tennessee	NA	4.03	NA	5.18	6.03	6.17	5.98
Texas	3.78	4.29	5.29	6.43	6.82	6.79	6.05
Utah	6.15	7.07	8.27	8.44	7.12	8.23	7.79
Vermont	5.04	5.93	6.15	6.67	6.26	7.42	6.82
Virginia	4.25	NA	6.07	7.06	7.42	8.28	7.53
Washington	4.45	4.83	6.72	NA	6.46	7.88	6.21
West Virginia	4.49	6.32	6.46	7.18	6.25	7.60	7.00
Wisconsin	NA	5.42	6.94	7.89	7.17	8.96	7.20
Wyoming	4.24	5.12	7.05	7.98	5.97	8.97	7.88
<b>Total</b>	<b>4.33</b>	<b>5.28</b>	<b>6.55</b>	<b>7.15</b>	<b>6.89</b>	<b>8.12</b>	<b>6.72</b>

See footnotes at end of table.



**Table 19. Average citygate price, by state, 2022-2024**

dollars per thousand cubic feet – continued

State or district	2022						
	October	September	August	July	June	May	April
Alabama	6.81	9.56	10.84	8.92	9.44	8.43	6.33
Alaska	8.22	8.32	8.33	8.75	8.73	8.34	8.13
Arizona	5.00	8.22	8.65	6.91	8.38	7.00	5.75
Arkansas	9.33	12.93	13.09	10.78	11.83	11.71	8.37
California	6.38	9.20	10.38	7.31	10.07	7.47	6.32
Colorado	6.87	9.45	9.34	7.96	9.25	7.51	5.56
Connecticut	11.09	13.85	14.20	12.14	14.24	9.48	8.43
Delaware	8.46	11.87	13.53	13.55	11.67	9.99	7.45
District of Columbia	--	--	--	--	--	--	--
Florida	9.08	11.27	12.74	10.59	11.00	10.56	9.70
Georgia	8.08	10.52	12.54	8.25	9.45	7.89	6.36
Hawaii	33.60	35.00	33.48	36.67	41.71	37.91	32.16
Idaho	3.02	3.06	2.25	4.03	4.50	5.09	4.34
Illinois	5.08	7.45	10.26	4.05	3.58	12.03	8.32
Indiana	6.05	8.31	9.08	8.52	8.58	7.13	6.16
Iowa	6.80	7.68	7.47	7.29	8.54	8.06	6.32
Kansas	8.14	13.46	11.62	8.69	10.64	9.39	7.44
Kentucky	6.72	9.67	9.52	7.41	10.49	9.32	5.70
Louisiana	6.25	7.03	6.71	5.44	6.33	5.59	5.13
Maine	6.78	10.64	13.27	11.16	12.62	10.49	7.38
Maryland	9.08	13.49	12.73	9.97	12.26	10.45	7.05
Massachusetts	11.13	17.49	19.89	18.96	17.30	14.29	8.42
Michigan	5.18	8.35	8.53	7.56	9.02	7.92	5.15
Minnesota	6.35	9.88	9.71	8.16	10.37	7.84	6.14
Mississippi	7.54	10.11	9.29	8.13	10.30	7.64	6.86
Missouri	5.78	7.79	7.86	7.02	7.90	6.45	5.13
Montana	5.31	7.00	9.42	8.01	7.97	6.32	6.19
Nebraska	6.08	9.81	9.74	7.64	10.31	8.74	7.38
Nevada	6.43	9.28	9.79	8.19	10.07	8.34	7.43
New Hampshire	7.56	12.99	12.89	10.36	13.88	10.69	6.82
New Jersey	7.70	7.87	6.47	6.40	8.03	7.57	6.91
New Mexico	6.38	7.90	8.66	7.28	8.27	7.57	6.11
New York	7.65	13.25	13.71	11.48	12.73	9.24	6.42
North Carolina	7.52	11.99	12.80	10.22	11.96	9.33	6.81
North Dakota	9.70	10.52	14.53	10.17	10.33	5.65	5.91
Ohio	6.33	8.80	9.61	9.55	7.94	7.45	5.82
Oklahoma	7.91	11.94	11.52	10.88	10.82	10.35	6.99
Oregon	5.14	5.52	6.31	6.65	6.58	6.66	5.41
Pennsylvania	6.80	10.35	9.63	9.84	10.77	9.06	6.63
Rhode Island	7.94	11.73	16.44	14.54	10.05	12.08	8.65
South Carolina	8.38	11.31	12.51	10.30	10.02	9.11	7.39
South Dakota	6.93	9.64	11.39	10.46	10.41	8.38	5.89
Tennessee	6.72	8.62	9.52	6.87	8.31	7.36	6.14
Texas	6.27	9.27	10.09	10.43	9.70	8.58	6.89
Utah	5.96	7.42	7.43	5.72	6.08	6.59	6.05
Vermont	6.91	7.37	7.65	6.54	6.99	6.39	5.72
Virginia	8.55	10.91	11.89	9.60	9.83	8.97	6.89
Washington	5.44	5.96	5.40	8.03	10.48	8.32	5.90
West Virginia	7.02	11.83	14.02	9.73	15.23	10.04	4.37
Wisconsin	7.42	11.28	11.03	8.56	10.53	8.72	6.18
Wyoming	6.40	8.63	11.76	6.96	8.11	5.67	5.93
<b>Total</b>	<b>6.79</b>	<b>9.69</b>	<b>10.31</b>	<b>8.72</b>	<b>9.77</b>	<b>8.51</b>	<b>6.53</b>

See footnotes at end of table.



**Table 19. Average citygate price, by state, 2022-2024**

dollars per thousand cubic feet – continued

State or district	2022		
	March	February	January
Alabama	5.02	5.66	4.42
Alaska	8.02	8.02	7.75
Arizona	5.24	5.86	5.97
Arkansas	6.83	7.77	6.96
California	5.86	6.04	7.92
Colorado	5.20	5.27	5.45
Connecticut	6.17	5.96	4.91
Delaware	6.02	5.61	5.09
District of Columbia	--	--	--
Florida	8.41	8.62	6.66
Georgia	5.25	4.96	4.98
Hawaii	31.73	27.31	25.27
Idaho	2.92	3.41	3.34
Illinois	6.22	5.35	4.89
Indiana	5.07	5.17	4.75
Iowa	6.60	6.11	5.89
Kansas	6.00	6.66	5.89
Kentucky	5.53	5.60	4.33
Louisiana	4.69	5.06	4.57
Maine	8.27	10.61	10.90
Maryland	6.14	6.29	5.26
Massachusetts	6.48	6.31	6.98
Michigan	4.15	4.58	3.70
Minnesota	5.59	6.21	5.90
Mississippi	6.14	5.49	4.77
Missouri	4.79	5.60	5.11
Montana	4.42	5.02	4.70
Nebraska	5.80	7.21	6.00
Nevada	5.50	6.03	6.84
New Hampshire	6.84	10.28	9.89
New Jersey	6.67	6.11	4.95
New Mexico	5.11	5.63	5.93
New York	4.80	5.10	5.49
North Carolina	5.28	5.74	4.59
North Dakota	4.45	5.87	5.94
Ohio	5.85	6.11	5.17
Oklahoma	7.00	7.59	7.24
Oregon	4.35	4.42	4.21
Pennsylvania	6.67	6.65	5.45
Rhode Island	5.23	7.53	7.01
South Carolina	6.30	6.97	5.36
South Dakota	5.23	5.87	5.64
Tennessee	4.81	5.80	4.70
Texas	5.28	5.48	5.10
Utah	6.28	6.98	7.43
Vermont	5.40	5.74	5.10
Virginia	5.62	6.24	5.16
Washington	5.42	5.08	6.05
West Virginia	4.42	4.95	3.85
Wisconsin	5.10	6.36	5.58
Wyoming	5.24	1.71	6.07
<b>Total</b>	<b>5.55</b>	<b>5.77</b>	<b>5.48</b>

-- Not applicable.

R Revised data.

NA Not available.

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

Note: 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. Appendix A, Explanatory Note 8, contains a discussion of computations and revision policy.

**Table 20. Average price of natural gas sold to residential consumers, by state, 2022-2024**

dollars per thousand cubic feet

State or district	2024	2023	2022	2024		2023	
	2-month YTD	2-month YTD	2-month YTD	February	January	Total	December
Alabama	16.70	18.53	14.70	16.71	16.69	20.45	18.32
Alaska	10.90	10.75	10.41	11.00	10.82	11.35	10.89
Arizona	19.57	16.40	15.12	19.76	19.41	19.53	19.41
Arkansas	12.46	17.33	14.61	12.66	12.28	17.16	13.79
California	NA	NA	19.38	20.43	NA	NA	19.37
Colorado	9.57	12.72	9.71	9.75	9.44	11.84	9.89
Connecticut	14.81	18.63	15.40	15.24	14.39	18.85	15.35
Delaware	12.26	16.58	12.09	12.26	12.26	17.69	12.98
District of Columbia	14.85	17.55	13.66	14.82	14.88	16.79	13.62
Florida	21.11	21.31	21.62	20.79	21.39	24.72	21.20
Georgia	13.55	16.15	12.88	14.09	13.20	20.15	14.65
Hawaii	47.18	52.30	52.05	49.26	45.30	53.10	49.24
Idaho	8.14	9.37	6.85	8.29	8.03	9.74	8.13
Illinois	8.16	10.94	10.13	10.55	6.54	11.54	9.58
Indiana	8.55	11.61	9.44	9.06	8.20	NA	9.24
Iowa	8.65	12.79	11.76	10.30	7.60	11.64	8.04
Kansas	9.54	13.66	11.34	10.64	8.94	NA	NA
Kentucky	10.71	16.06	11.04	11.68	10.10	15.68	11.71
Louisiana	12.45	14.69	11.90	13.24	11.87	16.30	14.09
Maine	NA	20.19	17.78	16.33	NA	NA	16.48
Maryland	14.84	18.83	13.86	15.20	14.52	17.29	14.46
Massachusetts	21.25	23.11	18.51	21.76	20.74	21.28	22.16
Michigan	9.75	11.61	9.07	10.08	9.52	11.54	10.17
Minnesota	9.97	13.20	10.27	11.85	8.66	NA	8.69
Mississippi	11.23	15.53	11.00	12.08	10.63	NA	12.97
Missouri	14.47	14.78	11.96	14.57	14.38	17.19	15.40
Montana	7.90	10.63	9.14	7.74	8.05	10.16	8.61
Nebraska	8.83	13.36	10.77	9.03	8.66	13.04	9.65
Nevada	19.61	13.64	10.07	19.61	19.62	16.97	19.55
New Hampshire	18.40	23.01	17.37	18.04	18.83	NA	18.59
New Jersey	12.27	13.91	10.92	12.22	12.32	13.55	12.39
New Mexico	8.76	12.68	10.29	8.85	8.67	10.84	9.35
New York	14.65	16.90	13.42	14.75	14.55	16.90	14.69
North Carolina	13.99	18.37	14.01	14.82	13.44	17.53	14.45
North Dakota	6.82	9.87	8.67	7.19	6.51	9.76	6.75
Ohio	9.39	11.06	9.24	9.90	8.98	13.75	10.00
Oklahoma	8.89	12.45	10.85	9.17	8.62	14.91	10.04
Oregon	14.01	14.11	11.05	13.85	14.13	15.77	16.05
Pennsylvania	11.90	16.28	12.72	12.13	11.71	15.42	11.69
Rhode Island	18.57	19.47	16.43	18.49	18.66	20.52	18.91
South Carolina	14.98	18.74	13.24	16.42	13.92	17.55	14.55
South Dakota	8.34	11.27	11.15	9.02	7.78	10.31	8.09
Tennessee	NA	10.56	10.30	NA	NA	NA	NA
Texas	12.87	14.74	12.67	13.53	12.39	17.60	15.01
Utah	14.41	12.34	9.82	14.59	14.26	13.45	14.39
Vermont	15.08	15.49	12.91	14.86	15.32	17.13	15.67
Virginia	13.62	18.79	12.97	13.49	13.74	NA	13.67
Washington	15.32	14.06	11.71	15.45	15.22	15.58	15.54
West Virginia	NA	13.60	10.66	NA	NA	NA	NA
Wisconsin	9.47	12.39	10.06	9.96	9.14	10.93	8.95
Wyoming	10.42	12.94	10.98	10.75	10.08	13.65	11.07
<b>Total</b>	<b>12.46</b>	<b>15.12</b>	<b>12.09</b>	<b>13.25</b>	<b>11.82</b>	<b>15.23</b>	<b>12.94</b>

See footnotes at end of table.

**Table 20. Average price of natural gas sold to residential consumers, by state, 2022-2024**

dollars per thousand cubic feet – continued

State or district	2023						
	November	October	September	August	July	June	May
Alabama	21.18	25.78	27.89	27.87	27.03	25.95	23.08
Alaska	11.12	11.38	12.44	14.26	14.28	13.38	12.00
Arizona	21.33	25.71	28.92	29.64	27.64	25.55	23.45
Arkansas	16.09	20.56	22.25	19.85	20.79	19.63	16.18
California	19.63	17.83	17.71	18.17	17.16	16.67	16.62
Colorado	10.48	11.96	14.65	15.48	15.29	14.22	12.83
Connecticut	15.73	20.58	26.76	25.93	25.42	23.86	22.08
Delaware	16.46	25.36	30.67	32.43	30.04	26.14	20.94
District of Columbia	16.43	21.19	23.32	24.71	23.00	19.84	18.13
Florida	25.37	29.23	31.28	32.57	30.81	28.26	25.97
Georgia	17.58	27.67	36.00	36.63	35.02	32.21	24.02
Hawaii	49.15	49.98	56.20	58.43	55.09	55.02	52.42
Idaho	8.69	9.43	14.44	14.47	13.71	14.80	11.63
Illinois	9.48	14.02	22.70	24.86	22.57	19.06	13.87
Indiana	9.86	11.89	NA	23.52	20.72	22.56	14.02
Iowa	8.48	10.32	16.69	22.08	17.72	17.07	13.47
Kansas	10.21	14.30	21.28	27.08	26.86	27.34	NA
Kentucky	11.63	16.78	27.87	28.96	27.65	26.04	21.59
Louisiana	16.01	20.92	23.11	23.44	21.68	19.66	17.90
Maine	NA	NA	NA	NA	NA	NA	19.20
Maryland	13.99	19.01	23.67	24.70	23.66	21.05	17.41
Massachusetts	17.10	16.44	19.13	20.11	18.88	18.19	20.04
Michigan	10.20	11.55	15.74	16.17	16.34	15.34	12.84
Minnesota	7.69	NA	15.75	15.39	18.11	18.12	18.31
Mississippi	13.96	20.51	25.33	26.75	24.43	22.99	NA
Missouri	17.97	24.92	29.78	31.25	30.55	27.16	20.99
Montana	8.74	10.77	13.61	14.03	11.91	11.24	9.82
Nebraska	11.29	18.48	22.19	22.27	21.07	19.24	13.78
Nevada	21.56	24.63	26.55	27.38	23.81	20.40	18.85
New Hampshire	21.96	27.18	29.86	32.96	31.68	NA	18.72
New Jersey	13.16	14.83	16.44	17.22	16.40	15.26	14.28
New Mexico	11.58	16.27	16.50	16.14	14.92	12.92	9.05
New York	16.28	19.97	20.97	22.69	21.74	19.70	16.70
North Carolina	15.27	22.15	26.03	25.88	28.20	25.97	18.34
North Dakota	7.47	13.63	23.58	25.15	25.35	19.12	9.94
Ohio	11.63	19.77	35.91	37.88	35.50	31.98	17.89
Oklahoma	16.00	29.22	32.53	34.13	30.28	24.15	16.45
Oregon	15.63	16.37	20.55	22.60	23.03	20.74	21.56
Pennsylvania	12.29	15.50	22.06	24.21	23.26	21.39	16.86
Rhode Island	21.09	24.59	26.94	27.18	25.90	23.90	21.94
South Carolina	14.18	19.47	23.94	26.67	25.92	23.88	20.17
South Dakota	7.44	9.57	15.41	17.86	16.04	14.06	10.98
Tennessee	NA	NA	NA	18.31	17.78	15.42	11.90
Texas	17.07	24.50	29.72	31.68	28.44	25.18	24.04
Utah	14.28	15.59	16.10	16.89	15.85	15.98	14.15
Vermont	17.34	22.67	27.18	27.75	26.78	22.12	18.31
Virginia	14.05	15.47	NA	25.99	24.55	22.24	20.99
Washington	15.25	16.91	19.06	22.25	22.72	19.93	18.49
West Virginia	13.76	19.47	30.85	36.60	NA	NA	21.17
Wisconsin	8.82	9.65	14.31	16.72	16.38	14.26	9.19
Wyoming	12.39	17.45	23.86	25.04	21.26	19.05	14.58
<b>Total</b>	<b>13.37</b>	<b>16.71</b>	<b>21.86</b>	<b>23.23</b>	<b>21.98</b>	<b>20.11</b>	<b>16.70</b>

See footnotes at end of table.

**Table 20. Average price of natural gas sold to residential consumers, by state, 2022-2024**

dollars per thousand cubic feet – continued

State or district	2023				Total	2022	
	April	March	February	January		December	November
Alabama	20.45	20.27	19.09	18.06	17.36	18.23	19.75
Alaska	11.16	10.81	10.78	10.72	11.08	10.57	10.78
Arizona	19.72	17.77	16.68	16.10	17.81	16.40	17.44
Arkansas	14.14	20.02	16.26	18.33	16.78	18.53	18.91
California	18.02	17.56	24.68	NA	20.15	22.65	20.24
Colorado	11.28	10.74	12.05	13.24	12.72	13.02	15.54
Connecticut	19.40	18.19	17.83	19.43	18.36	18.79	20.15
Delaware	17.65	17.29	16.84	16.35	15.00	16.99	18.89
District of Columbia	15.29	13.53	17.64	17.47	16.68	16.53	17.62
Florida	22.84	23.04	22.20	20.63	26.21	23.80	26.75
Georgia	17.68	17.88	16.47	15.93	18.06	13.96	16.21
Hawaii	54.71	52.44	56.13	48.51	57.46	45.96	55.14
Idaho	10.17	9.71	9.91	8.89	7.97	8.67	8.34
Illinois	10.51	9.16	10.69	11.16	13.80	12.23	16.29
Indiana	9.92	10.23	11.77	11.48	11.60	11.37	11.47
Iowa	11.01	11.45	13.07	12.56	13.04	11.07	9.81
Kansas	17.26	15.10	13.40	13.89	14.37	13.70	13.77
Kentucky	16.87	14.08	15.47	16.49	14.58	14.47	15.61
Louisiana	16.34	13.86	14.16	15.18	15.84	14.47	16.52
Maine	19.40	19.21	19.95	20.45	20.73	20.75	21.29
Maryland	15.98	15.40	18.96	18.72	16.97	17.59	18.42
Massachusetts	21.27	21.77	23.23	23.00	20.45	22.64	21.59
Michigan	11.31	10.79	11.51	11.70	11.31	12.03	12.42
Minnesota	12.49	11.70	13.62	12.84	12.12	13.55	11.19
Mississippi	16.78	15.08	15.42	15.63	14.59	14.02	15.58
Missouri	16.96	15.98	15.36	14.27	14.29	13.62	15.18
Montana	9.75	10.21	10.74	10.53	10.42	10.64	11.66
Nebraska	11.44	11.55	13.39	13.33	12.83	12.46	13.68
Nevada	15.32	13.71	13.66	13.62	12.72	13.10	14.95
New Hampshire	15.48	16.76	22.19	23.83	20.51	24.85	26.93
New Jersey	13.23	11.91	13.56	14.23	12.53	14.41	15.11
New Mexico	5.14	8.93	11.32	14.05	12.51	11.39	13.15
New York	15.81	16.04	16.57	17.20	16.34	16.73	19.26
North Carolina	17.71	15.68	17.51	18.97	17.20	16.52	20.67
North Dakota	8.07	8.37	9.69	10.00	10.90	10.50	11.07
Ohio	12.81	11.01	10.82	11.28	13.07	11.56	13.66
Oklahoma	15.48	13.72	12.90	12.04	14.76	12.11	20.93
Oregon	15.91	13.87	13.59	14.61	12.83	13.51	13.18
Pennsylvania	15.09	15.24	16.36	16.20	14.94	15.61	16.99
Rhode Island	20.10	19.39	19.41	19.53	18.17	20.03	20.16
South Carolina	17.43	15.47	19.31	18.33	15.67	12.72	16.41
South Dakota	9.32	9.81	11.55	11.05	10.99	9.01	9.35
Tennessee	9.14	8.80	10.41	10.68	12.46	11.65	14.54
Texas	17.65	14.18	13.72	15.75	16.52	15.73	16.80
Utah	12.98	12.66	12.19	12.48	10.48	11.78	11.07
Vermont	16.08	15.23	15.05	15.95	15.51	16.35	18.85
Virginia	18.09	15.63	18.94	18.66	16.10	15.65	17.00
Washington	15.41	14.09	14.03	14.09	12.83	13.15	12.85
West Virginia	16.57	13.87	13.93	13.35	12.08	12.71	11.70
Wisconsin	7.43	11.66	12.01	12.76	11.34	12.37	11.11
Wyoming	13.09	12.71	12.95	12.93	13.40	13.64	15.80
<b>Total</b>	<b>14.40</b>	<b>13.76</b>	<b>14.98</b>	<b>15.25</b>	<b>14.75</b>	<b>14.68</b>	<b>15.55</b>

See footnotes at end of table.

**Table 20. Average price of natural gas sold to residential consumers, by state, 2022-2024**  
dollars per thousand cubic feet – continued

State or district	2022						
	October	September	August	July	June	May	April
Alabama	23.51	26.11	25.49	25.05	24.10	20.56	17.17
Alaska	11.18	12.26	13.31	14.27	14.25	11.99	11.09
Arizona	22.55	26.37	26.86	26.23	24.17	21.75	18.40
Arkansas	24.23	26.75	27.70	26.38	22.95	19.69	15.26
California	20.47	21.56	21.53	20.17	21.60	19.45	18.25
Colorado	17.64	21.76	22.23	22.26	16.07	13.71	11.80
Connecticut	22.83	28.94	31.68	28.63	26.33	20.84	17.66
Delaware	20.91	28.53	29.66	27.37	23.55	16.63	13.75
District of Columbia	23.56	28.04	29.96	27.16	24.66	19.42	16.80
Florida	32.32	36.00	36.28	32.44	29.99	26.63	24.72
Georgia	25.43	37.27	32.16	39.71	33.34	24.80	16.91
Hawaii	62.05	59.66	58.45	63.79	65.60	64.54	55.30
Idaho	9.62	11.56	9.81	10.66	9.59	8.02	7.43
Illinois	20.71	27.96	31.29	31.73	25.68	19.13	12.55
Indiana	13.62	18.43	23.05	23.66	23.21	14.00	11.87
Iowa	12.66	20.30	21.58	20.40	22.99	20.06	14.06
Kansas	18.79	30.75	32.02	30.47	31.53	21.76	14.22
Kentucky	19.70	30.04	33.74	31.34	28.19	23.21	13.38
Louisiana	21.51	26.75	28.53	25.63	25.85	22.66	17.29
Maine	23.73	33.71	40.80	36.92	30.94	23.80	20.13
Maryland	20.50	28.99	30.93	30.16	26.79	20.34	16.61
Massachusetts	21.26	24.18	25.26	24.77	21.90	21.06	22.18
Michigan	13.64	17.26	19.40	17.23	16.20	15.04	11.35
Minnesota	13.29	20.59	22.41	19.31	20.77	16.20	11.25
Mississippi	20.37	27.01	27.82	25.76	25.41	24.41	15.21
Missouri	21.15	27.51	29.76	28.04	24.40	17.16	13.55
Montana	14.23	16.37	17.29	15.59	12.81	10.56	9.53
Nebraska	20.29	27.32	26.90	26.55	21.64	14.31	11.30
Nevada	17.67	18.63	18.83	17.47	15.71	14.29	12.85
New Hampshire	29.67	35.10	31.44	27.55	23.59	21.37	19.58
New Jersey	15.38	15.65	16.44	16.31	14.53	12.37	11.50
New Mexico	20.20	23.47	23.38	23.30	22.08	15.67	10.90
New York	21.90	28.19	26.13	26.17	24.55	17.58	14.82
North Carolina	21.95	25.98	27.11	30.29	27.06	26.34	17.77
North Dakota	19.15	30.62	33.34	30.38	20.23	11.75	9.24
Ohio	18.80	32.13	36.77	36.92	33.69	19.36	12.27
Oklahoma	34.12	37.01	36.57	30.45	26.58	21.82	15.43
Oregon	14.53	17.78	18.98	18.57	15.44	13.41	11.99
Pennsylvania	18.33	24.54	26.88	23.38	21.64	16.25	13.80
Rhode Island	21.40	23.93	24.76	23.31	21.43	18.55	17.50
South Carolina	18.27	26.51	27.12	28.38	28.91	27.55	18.38
South Dakota	12.65	17.11	18.19	18.38	16.40	12.36	9.75
Tennessee	19.18	22.79	19.97	26.24	24.13	16.09	11.37
Texas	26.07	31.35	33.10	29.17	27.26	24.69	17.12
Utah	13.03	13.06	13.07	11.82	10.33	9.44	9.85
Vermont	20.19	26.52	27.47	24.39	21.82	16.12	14.27
Virginia	19.82	25.95	27.87	26.86	25.06	19.40	21.43
Washington	13.64	17.23	18.46	17.85	15.15	12.84	11.91
West Virginia	12.84	18.26	23.17	22.09	21.00	15.23	11.70
Wisconsin	11.41	19.40	21.23	19.11	19.44	14.59	10.07
Wyoming	21.00	26.58	28.31	24.65	16.54	13.10	12.06
<b>Total</b>	<b>18.61</b>	<b>24.50</b>	<b>25.34</b>	<b>24.55</b>	<b>22.50</b>	<b>17.67</b>	<b>13.97</b>

See footnotes at end of table.

**Table 20. Average price of natural gas sold to residential consumers, by state, 2022-2024**  
dollars per thousand cubic feet – continued

State or district	2022		
	March	February	January
Alabama	15.34	14.40	15.11
Alaska	10.66	10.59	10.28
Arizona	15.93	15.25	15.00
Arkansas	14.78	14.60	14.62
California	18.30	18.77	19.89
Colorado	10.16	9.83	9.59
Connecticut	16.30	15.60	15.20
Delaware	12.59	12.05	12.14
District of Columbia	14.78	13.58	13.75
Florida	23.42	21.13	22.22
Georgia	15.11	12.25	13.31
Hawaii	57.92	53.88	50.50
Idaho	7.36	6.92	6.78
Illinois	11.78	10.04	10.20
Indiana	10.80	9.71	9.22
Iowa	15.36	12.97	10.80
Kansas	13.04	11.62	11.08
Kentucky	13.20	11.43	10.75
Louisiana	12.55	12.91	11.02
Maine	19.06	17.25	18.29
Maryland	14.70	14.46	13.35
Massachusetts	19.60	18.92	18.07
Michigan	10.14	9.49	8.76
Minnesota	10.79	10.62	9.96
Mississippi	12.41	10.89	11.10
Missouri	12.47	11.85	12.07
Montana	9.23	9.09	9.18
Nebraska	10.28	10.84	10.71
Nevada	10.83	10.31	9.87
New Hampshire	16.87	16.39	18.54
New Jersey	11.31	10.80	11.03
New Mexico	10.07	9.88	10.70
New York	14.13	13.07	13.82
North Carolina	18.87	14.66	13.56
North Dakota	8.37	8.65	8.70
Ohio	10.53	9.44	9.06
Oklahoma	11.43	10.57	11.19
Oregon	11.92	10.91	11.16
Pennsylvania	13.37	12.94	12.54
Rhode Island	16.98	16.40	16.48
South Carolina	17.20	16.11	11.15
South Dakota	10.97	11.64	10.79
Tennessee	11.67	10.13	10.49
Texas	12.85	11.77	13.72
Utah	9.68	9.81	9.82
Vermont	13.37	12.99	12.83
Virginia	14.32	13.27	12.71
Washington	12.12	11.77	11.66
West Virginia	11.05	10.65	10.67
Wisconsin	8.64	10.53	9.67
Wyoming	11.08	11.04	10.93
<b>Total</b>	<b>12.94</b>	<b>12.14</b>	<b>12.04</b>

<sup>R</sup> Revised data.

<sup>NA</sup> Not available.

**Source:** U.S. 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*.

**Note:** 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. Appendix A, Explanatory Note 8, contains a discussion of computations and revision policy. Table 24 displays data on onsystem sales expressed as a percentage of total residential, total commercial, and total industrial deliveries.

**Table 21. Average price of natural gas sold to commercial consumers, by state, 2022-2024**

dollars per thousand cubic feet

State or district	2024 2-month YTD	2023 2-month YTD	2022 2-month YTD	2024		Total	2023 December
				February	January		
Alabama	13.93	15.04	12.18	13.92	13.94	15.27	14.28
Alaska	10.19	10.02	9.66	10.22	10.17	10.38	10.26
Arizona	13.45	11.22	9.85	13.41	13.49	12.28	13.27
Arkansas	8.72	13.46	12.22	8.69	8.75	11.65	9.32
California	15.64	NA	16.16	16.56	14.74	NA	15.06
Colorado	8.34	11.42	9.11	8.60	8.13	10.22	8.65
Connecticut	9.51	13.41	10.53	9.57	9.44	12.37	9.53
Delaware	9.94	14.65	10.52	9.96	9.93	14.41	10.37
District of Columbia	13.55	16.41	12.86	13.80	13.30	14.28	12.04
Florida	12.01	13.66	13.49	11.21	12.76	13.43	13.12
Georgia	9.56	12.40	9.64	9.41	9.66	10.88	9.93
Hawaii	35.79	40.04	39.25	37.53	34.21	39.95	37.00
Idaho	7.38	8.86	6.22	7.52	7.29	8.74	7.38
Illinois	6.89	9.87	9.19	8.43	5.83	9.88	8.13
Indiana	6.77	9.95	8.23	7.09	6.55	NA	7.24
Iowa	7.05	11.42	10.60	8.41	6.17	9.17	6.33
Kansas	8.33	12.72	10.25	8.79	8.02	NA	NA
Kentucky	8.65	13.81	9.46	9.03	8.40	12.40	9.42
Louisiana	11.37	12.77	11.31	11.19	11.54	10.99	11.50
Maine	13.27	18.10	15.07	13.67	12.85	NA	13.74
Maryland	12.97	16.84	11.86	13.56	12.48	14.03	12.28
Massachusetts	15.80	17.94	14.15	16.10	15.49	15.52	16.40
Michigan	8.76	10.49	8.21	9.03	8.55	10.05	9.07
Minnesota	8.28	12.05	9.77	9.49	7.28	NA	7.42
Mississippi	10.41	13.64	10.36	10.77	10.11	12.03	11.20
Missouri	11.59	12.32	10.21	11.64	11.54	13.25	12.39
Montana	7.64	10.52	9.05	7.49	7.77	9.81	8.21
Nebraska	7.54	12.11	9.65	7.61	7.47	9.93	7.76
Nevada	16.15	11.47	7.82	16.18	16.13	13.79	16.08
New Hampshire	13.49	17.86	13.68	13.13	13.92	NA	14.29
New Jersey	10.19	12.33	12.07	10.04	10.34	NA	10.42
New Mexico	7.02	11.04	9.24	7.00	7.04	7.96	7.73
New York	10.86	11.67	9.73	10.93	10.79	9.72	9.81
North Carolina	9.89	13.70	10.85	10.14	9.71	11.33	10.69
North Dakota	6.28	9.97	8.96	6.53	6.07	7.87	5.78
Ohio	6.52	7.89	6.98	6.59	6.47	NA	6.76
Oklahoma	7.21	10.84	9.19	7.40	7.00	11.44	7.70
Oregon	10.68	11.47	8.84	10.09	11.14	12.22	12.13
Pennsylvania	NA	NA	10.91	NA	9.76	NA	9.39
Rhode Island	15.26	16.77	13.73	15.28	15.24	17.37	15.24
South Carolina	10.49	NA	11.63	10.96	10.10	NA	10.79
South Dakota	6.84	9.89	9.79	7.44	6.37	8.10	6.29
Tennessee	NA	10.30	9.81	NA	NA	NA	NA
Texas	8.99	11.02	9.33	9.02	8.96	9.86	9.30
Utah	12.97	11.06	8.55	13.08	12.88	11.85	12.96
Vermont	7.47	9.16	8.13	7.51	7.42	7.53	7.21
Virginia	9.37	NA	10.04	9.02	9.67	NA	9.77
Washington	13.31	12.27	10.50	13.50	13.17	12.83	13.32
West Virginia	NA	12.21	8.83	NA	NA	NA	NA
Wisconsin	7.93	10.83	9.06	8.22	7.73	8.52	7.44
Wyoming	8.87	11.65	9.55	9.02	8.72	11.16	9.30
<b>Total</b>	<b>9.72</b>	<b>12.20</b>	<b>9.92</b>	<b>10.06</b>	<b>9.43</b>	<b>10.92</b>	<b>9.83</b>

See footnotes at end of table.

**Table 21. Average price of natural gas sold to commercial consumers, by state, 2022-2024**  
dollars per thousand cubic feet – continued

State or district	2023						
	November	October	September	August	July	June	May
Alabama	14.91	15.59	16.16	16.04	16.07	15.84	15.61
Alaska	10.39	10.54	10.92	11.34	11.60	11.36	10.50
Arizona	13.36	12.34	13.70	12.86	12.51	12.57	12.67
Arkansas	9.90	8.49	9.06	9.33	9.87	9.54	10.19
California	14.93	12.42	13.09	13.24	12.16	11.54	11.35
Colorado	9.01	10.12	11.03	10.62	11.01	11.21	10.37
Connecticut	10.12	12.30	12.83	12.49	12.87	13.25	13.96
Delaware	12.65	16.34	17.07	17.68	17.05	16.08	15.21
District of Columbia	16.06	13.30	13.54	13.73	14.05	13.36	13.45
Florida	13.45	13.60	13.50	13.41	13.67	13.50	13.39
Georgia	11.43	10.12	10.16	10.21	10.62	9.77	9.64
Hawaii	35.87	36.40	43.38	43.99	40.31	40.91	39.52
Idaho	7.74	7.84	10.27	10.40	10.31	10.74	10.11
Illinois	8.07	10.72	16.25	16.80	16.30	15.40	12.09
Indiana	7.24	7.07	NA	11.47	10.69	10.90	9.07
Iowa	6.67	6.16	8.12	8.98	8.89	8.26	9.03
Kansas	8.96	11.00	16.36	15.63	15.50	15.66	16.46
Kentucky	9.71	11.32	13.32	14.97	15.10	15.52	13.96
Louisiana	11.28	10.75	10.11	10.10	9.89	9.73	9.55
Maine	12.38	NA	NA	NA	NA	NA	13.75
Maryland	11.15	12.45	13.53	13.92	14.03	12.88	12.23
Massachusetts	12.05	10.11	10.49	11.24	12.29	11.70	14.14
Michigan	9.00	9.44	11.73	12.16	12.08	11.59	10.61
Minnesota	6.47	NA	10.32	10.29	11.62	11.83	15.64
Mississippi	11.01	11.22	11.06	12.29	11.79	11.97	10.54
Missouri	13.50	15.28	15.87	16.41	16.79	15.58	13.97
Montana	8.10	10.33	11.62	11.95	10.45	10.15	9.40
Nebraska	7.78	8.30	8.78	8.93	8.63	8.35	8.02
Nevada	16.74	17.76	18.41	18.95	16.32	14.45	14.17
New Hampshire	16.75	19.33	22.24	24.02	23.54	NA	14.25
New Jersey	11.42	10.74	NA	NA	NA	NA	9.31
New Mexico	8.20	8.91	6.27	6.19	5.61	5.16	4.55
New York	8.76	8.54	7.14	7.25	7.18	7.60	8.21
North Carolina	10.31	10.35	10.33	10.42	9.52	12.31	9.97
North Dakota	5.76	6.31	7.56	7.76	7.86	7.33	6.51
Ohio	6.94	7.45	NA	9.30	9.01	8.84	7.91
Oklahoma	11.29	16.02	17.25	17.27	16.65	14.50	11.37
Oregon	11.62	13.23	13.84	13.80	14.09	13.32	13.49
Pennsylvania	9.44	10.75	12.85	14.17	14.40	13.98	11.76
Rhode Island	17.64	21.56	23.29	23.65	22.77	20.67	18.00
South Carolina	9.66	10.20	10.45	10.61	10.65	10.57	10.07
South Dakota	5.52	5.88	7.65	9.27	7.69	7.45	7.65
Tennessee	NA	NA	NA	9.77	8.96	8.22	7.80
Texas	9.58	9.81	9.96	10.35	9.92	9.05	9.33
Utah	12.51	12.71	12.74	12.99	12.71	12.81	12.18
Vermont	6.97	5.74	6.26	5.91	5.85	7.08	7.56
Virginia	9.22	8.83	NA	10.57	10.83	10.32	10.56
Washington	12.87	13.19	13.46	13.68	14.26	13.29	14.06
West Virginia	11.65	14.81	16.44	16.87	16.44	15.58	15.29
Wisconsin	6.80	6.08	7.62	7.49	7.65	6.90	5.58
Wyoming	9.57	10.57	11.83	11.99	11.65	12.11	11.65
<b>Total</b>	<b>9.66</b>	<b>10.05</b>	<b>10.84</b>	<b>11.02</b>	<b>10.82</b>	<b>10.65</b>	<b>10.44</b>

See footnotes at end of table.



**Table 21. Average price of natural gas sold to commercial consumers, by state, 2022-2024**

dollars per thousand cubic feet – continued

State or district	2023				Total	2022	
	April	March	February	January		December	November
Alabama	15.30	15.58	15.33	14.78	13.52	14.36	15.50
Alaska	10.13	10.03	9.99	10.05	10.13	9.95	10.08
Arizona	11.89	11.85	11.31	11.13	10.81	11.01	11.12
Arkansas	10.22	14.95	12.45	14.60	12.80	13.76	13.70
California	13.52	17.50	22.37	NA	16.13	18.76	15.56
Colorado	9.68	9.47	10.64	12.02	11.38	11.82	13.78
Connecticut	12.92	12.67	13.00	13.80	12.85	13.70	14.02
Delaware	14.63	15.03	14.72	14.58	12.37	14.88	14.38
District of Columbia	13.51	12.16	16.52	16.32	15.05	15.37	15.43
Florida	13.23	13.05	13.60	13.72	14.18	13.62	13.78
Georgia	9.84	10.81	11.40	13.15	11.39	11.31	13.16
Hawaii	42.04	39.73	44.52	36.88	44.12	33.80	39.75
Idaho	9.34	9.10	9.39	8.38	7.10	8.15	7.79
Illinois	9.16	8.28	9.63	10.08	12.20	11.21	14.54
Indiana	8.05	8.08	9.94	9.96	9.50	9.87	9.59
Iowa	8.80	9.81	11.59	11.28	11.09	10.18	8.62
Kansas	14.13	13.01	12.45	12.97	12.33	12.65	12.39
Kentucky	13.27	12.11	13.14	14.35	12.17	12.88	13.53
Louisiana	11.34	9.82	12.42	13.15	13.02	13.11	13.09
Maine	15.99	16.88	17.92	18.29	16.57	18.42	17.40
Maryland	12.54	13.74	16.93	16.77	14.12	15.37	15.31
Massachusetts	16.02	16.10	18.05	17.84	15.56	17.72	16.94
Michigan	9.94	9.70	10.20	10.77	10.00	11.04	11.32
Minnesota	10.86	10.73	12.24	11.89	10.59	11.76	9.44
Mississippi	11.76	11.93	13.13	14.10	12.20	12.98	13.21
Missouri	12.96	13.02	12.60	12.06	11.25	11.59	12.12
Montana	9.53	10.05	10.58	10.48	10.22	10.47	11.34
Nebraska	8.56	10.12	11.95	12.25	10.31	11.07	10.52
Nevada	12.29	10.76	11.89	11.08	9.39	10.61	11.23
New Hampshire	10.83	12.65	17.27	18.47	16.24	19.75	21.27
New Jersey	8.68	10.08	11.16	13.46	13.08	14.13	14.32
New Mexico	3.33	7.82	13.24	8.74	10.34	9.92	11.41
New York	9.81	11.22	11.39	11.95	10.31	11.51	10.52
North Carolina	11.23	10.34	12.45	14.64	12.35	13.14	15.39
North Dakota	6.98	8.12	9.69	10.19	9.62	10.51	9.90
Ohio	7.39	7.25	7.68	8.08	8.39	8.44	8.65
Oklahoma	12.11	11.52	11.25	10.45	11.66	10.22	15.80
Oregon	12.06	12.14	10.27	12.65	10.33	12.07	11.80
Pennsylvania	NA	13.01	NA	14.06	12.27	13.23	13.75
Rhode Island	16.59	16.48	16.85	16.70	15.29	16.87	16.99
South Carolina	11.26	10.52	13.06	NA	12.15	10.79	12.12
South Dakota	7.75	8.29	10.01	9.79	9.25	8.15	8.11
Tennessee	7.63	8.02	10.09	10.49	11.53	11.58	13.11
Texas	9.17	8.68	10.38	11.62	11.56	12.21	11.80
Utah	11.90	11.46	11.03	11.09	8.92	10.58	9.61
Vermont	7.61	8.33	8.76	9.54	8.73	10.09	8.94
Virginia	10.69	10.09	13.52	NA	11.54	12.61	12.98
Washington	12.09	12.58	12.17	12.36	10.63	11.72	11.05
West Virginia	13.69	12.37	12.32	12.12	9.69	11.43	9.30
Wisconsin	5.29	10.02	10.40	11.18	9.55	11.30	9.39
Wyoming	11.48	11.38	11.62	11.68	11.07	12.29	13.28
<b>Total</b>	<b>10.41</b>	<b>10.93</b>	<b>11.97</b>	<b>12.41</b>	<b>11.32</b>	<b>11.99</b>	<b>11.87</b>

See footnotes at end of table.

**Table 21. Average price of natural gas sold to commercial consumers, by state, 2022-2024**  
dollars per thousand cubic feet – continued

State or district	2022						
	October	September	August	July	June	May	April
Alabama	15.92	15.13	14.78	14.46	14.31	13.63	13.14
Alaska	10.33	10.76	11.33	11.68	11.50	10.47	9.98
Arizona	11.91	11.87	11.68	11.61	11.48	11.07	10.57
Arkansas	13.62	14.01	14.82	14.15	13.25	12.97	12.25
California	15.46	17.24	17.03	15.61	17.21	14.72	14.12
Colorado	15.26	16.70	15.45	16.40	12.42	11.29	10.57
Connecticut	16.03	16.95	16.99	16.16	15.43	13.99	11.68
Delaware	14.20	15.20	15.99	15.50	14.70	13.04	11.65
District of Columbia	18.32	19.15	18.81	18.05	18.44	16.21	15.36
Florida	16.10	16.35	15.91	14.24	13.93	13.57	13.37
Georgia	12.87	14.88	13.33	14.30	12.86	11.50	10.74
Hawaii	46.32	45.90	44.71	49.43	51.66	50.06	43.94
Idaho	7.82	8.35	7.77	7.55	7.28	6.80	6.54
Illinois	17.48	21.70	24.48	24.50	21.91	16.82	11.76
Indiana	10.30	11.41	14.41	13.76	12.09	10.46	9.68
Iowa	9.62	12.94	11.49	11.96	15.31	15.29	12.00
Kansas	15.82	21.22	17.97	20.62	17.95	15.08	11.34
Kentucky	15.62	17.98	19.87	18.59	16.81	15.67	10.77
Louisiana	14.26	15.14	16.71	14.64	15.22	14.49	12.18
Maine	16.80	20.59	21.91	20.14	19.47	17.72	16.00
Maryland	15.78	19.04	19.89	19.01	17.58	15.79	13.70
Massachusetts	16.20	15.57	14.42	16.91	15.61	16.26	17.22
Michigan	12.22	14.37	14.44	13.38	13.40	12.12	9.66
Minnesota	10.93	15.14	15.92	13.55	15.13	13.13	9.45
Mississippi	14.18	15.34	14.39	13.52	14.07	14.51	12.21
Missouri	13.38	14.49	14.91	14.75	13.58	11.83	10.69
Montana	13.32	14.26	14.53	14.43	12.15	10.37	9.35
Nebraska	12.80	15.03	13.66	14.32	12.85	9.84	8.81
Nevada	10.96	10.71	10.84	10.55	10.15	9.56	9.15
New Hampshire	23.05	25.84	23.01	20.64	17.51	18.23	15.81
New Jersey	14.76	15.38	15.14	14.85	16.67	13.50	11.60
New Mexico	13.75	13.90	13.80	14.34	13.61	10.61	8.75
New York	11.20	12.75	10.71	10.34	10.97	9.97	9.48
North Carolina	14.49	12.79	13.05	12.86	14.94	10.61	10.68
North Dakota	11.46	13.95	14.45	11.28	12.27	9.40	8.30
Ohio	10.64	12.47	12.49	11.20	9.97	10.21	8.19
Oklahoma	21.49	22.33	22.69	20.60	17.29	13.97	12.34
Oregon	10.45	11.17	11.62	11.74	11.00	10.22	9.64
Pennsylvania	12.89	17.34	16.06	14.47	15.38	12.12	11.78
Rhode Island	18.48	20.66	21.14	20.20	18.18	15.37	14.32
South Carolina	12.00	14.79	13.54	13.08	14.55	12.50	11.73
South Dakota	9.38	10.46	11.07	11.81	11.17	9.88	7.97
Tennessee	14.50	14.93	13.13	16.58	14.62	12.57	9.78
Texas	13.82	14.94	14.73	13.16	13.27	12.85	11.26
Utah	9.64	9.63	9.23	8.58	8.04	7.75	8.38
Vermont	8.75	9.63	9.56	8.40	9.42	8.99	8.22
Virginia	13.34	13.76	13.59	13.79	13.19	11.93	10.28
Washington	10.25	11.23	10.90	11.12	10.18	10.02	9.87
West Virginia	9.64	10.92	11.74	11.46	11.57	10.48	9.25
Wisconsin	8.77	13.03	13.10	12.53	12.19	10.85	8.72
Wyoming	14.43	14.96	15.28	14.36	11.83	10.44	10.07
<b>Total</b>	<b>12.84</b>	<b>14.54</b>	<b>14.14</b>	<b>13.50</b>	<b>13.45</b>	<b>12.07</b>	<b>10.60</b>

See footnotes at end of table.

**Table 21. Average price of natural gas sold to commercial consumers, by state, 2022-2024**  
dollars per thousand cubic feet – continued

State or district	2022		
	March	February	January
Alabama	12.58	12.28	12.07
Alaska	9.83	9.74	9.61
Arizona	10.13	9.87	9.83
Arkansas	11.87	11.80	12.82
California	14.97	15.14	17.13
Colorado	9.36	9.18	9.06
Connecticut	11.01	10.58	10.49
Delaware	10.71	10.52	10.52
District of Columbia	13.69	12.81	12.91
Florida	13.48	13.48	13.50
Georgia	10.57	9.85	9.49
Hawaii	44.83	41.08	37.67
Idaho	6.53	6.21	6.22
Illinois	10.35	9.10	9.27
Indiana	9.11	8.53	8.01
Iowa	13.40	11.52	9.82
Kansas	11.41	10.42	10.10
Kentucky	10.76	9.70	9.27
Louisiana	10.64	11.99	10.75
Maine	15.61	14.59	15.53
Maryland	12.25	12.52	11.30
Massachusetts	14.97	14.20	14.09
Michigan	9.09	8.52	7.94
Minnesota	9.16	9.19	10.31
Mississippi	10.22	10.50	10.23
Missouri	10.02	10.10	10.33
Montana	9.12	8.96	9.12
Nebraska	8.99	9.72	9.58
Nevada	7.99	7.96	7.71
New Hampshire	13.13	12.80	14.68
New Jersey	12.54	12.36	11.77
New Mexico	8.69	8.89	9.61
New York	9.61	9.75	9.70
North Carolina	12.05	11.60	10.38
North Dakota	8.28	8.95	8.96
Ohio	7.43	7.05	6.91
Oklahoma	9.60	9.04	9.39
Oregon	8.97	8.66	9.00
Pennsylvania	11.20	11.30	10.60
Rhode Island	14.17	13.71	13.77
South Carolina	11.60	15.70	9.31
South Dakota	9.32	10.15	9.52
Tennessee	10.45	9.58	10.03
Texas	9.97	9.49	9.16
Utah	8.48	8.56	8.53
Vermont	8.04	8.60	7.64
Virginia	9.95	10.46	9.66
Washington	9.89	9.90	10.98
West Virginia	9.05	8.81	8.86
Wisconsin	7.29	9.53	8.67
Wyoming	9.61	9.54	9.56
<b>Total</b>	<b>10.21</b>	<b>10.02</b>	<b>9.82</b>

<sup>R</sup> Revised data.

<sup>NA</sup> Not available.

**Source:** U.S. 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*.

**Note:** 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. Appendix A, Explanatory Note 8, contains a discussion of computations and revision policy. Table 24 displays data on onsystem sales expressed as a percentage of total residential, total commercial, and total industrial deliveries.

**Table 22. Average price of natural gas sold to industrial consumers, by state, 2022-2024**

dollars per thousand cubic feet

State or district	2024	2023	2022	2024		2023	
	2-month YTD	2-month YTD	2-month YTD	February	January	Total	December
Alabama	4.60	5.27	5.95	4.03	5.11	4.20	4.18
Alaska	6.87	6.73	6.90	6.77	6.96	NA	NA
Arizona	7.46	7.83	8.09	7.50	7.43	NA	NA
Arkansas	9.35	12.45	10.13	9.19	9.51	9.70	9.18
California	13.85	NA	13.62	14.35	13.29	NA	12.95
Colorado	7.75	9.83	6.88	9.34	6.35	8.48	6.97
Connecticut	7.41	11.42	8.98	6.76	8.07	8.71	7.22
Delaware	10.09	12.51	10.29	9.99	10.18	NA	10.88
District of Columbia	--	--	--	--	--	--	--
Florida	NA	8.01	7.21	NA	5.91	5.92	7.18
Georgia	4.93	7.07	7.25	4.87	4.98	5.41	4.99
Hawaii	28.78	24.11	29.37	29.36	28.19	28.48	29.44
Idaho	5.51	6.77	4.26	5.50	5.51	6.65	5.39
Illinois	NA	8.80	7.57	NA	5.04	7.41	6.26
Indiana	5.77	9.88	7.65	5.85	5.72	8.05	6.04
Iowa	6.10	10.28	8.58	6.78	5.54	6.83	5.79
Kansas	NA	NA	8.01	NA	NA	NA	4.73
Kentucky	3.97	6.35	6.42	3.93	4.01	4.27	4.06
Louisiana	3.67	4.87	5.32	3.76	3.59	NA	3.64
Maine	10.90	14.76	12.25	10.87	10.93	10.47	11.37
Maryland	13.15	NA	11.00	14.57	12.07	NA	12.16
Massachusetts	14.91	16.50	12.97	15.46	14.41	13.38	15.78
Michigan	7.70	9.90	7.65	7.88	7.52	8.86	7.58
Minnesota	5.15	9.10	7.66	5.15	5.14	5.90	5.01
Mississippi	4.71	6.97	7.16	4.60	4.82	5.01	4.79
Missouri	9.16	10.69	9.07	9.37	8.95	9.26	8.62
Montana	6.72	9.58	8.26	6.64	6.80	7.90	6.83
Nebraska	5.13	8.96	7.28	4.92	5.34	5.67	5.15
Nevada	12.83	10.15	6.96	12.77	12.89	11.74	12.93
New Hampshire	11.27	16.28	12.48	10.69	11.92	NA	11.85
New Jersey	7.97	11.22	11.01	7.28	8.63	9.10	8.43
New Mexico	6.46	NA	8.41	6.06	6.89	NA	6.40
New York	13.72	13.48	10.85	14.27	13.20	10.89	11.61
North Carolina	6.21	9.42	8.46	6.00	6.40	6.66	6.25
North Dakota	3.60	6.53	6.26	3.43	3.74	3.34	2.92
Ohio	NA	8.72	8.00	NA	NA	7.72	7.67
Oklahoma	4.26	5.64	8.43	4.49	4.04	3.17	3.37
Oregon	NA	7.34	4.49	NA	7.55	7.98	7.48
Pennsylvania	9.00	12.86	10.31	9.09	8.93	NA	9.52
Rhode Island	11.21	12.91	10.48	10.97	11.47	12.76	11.10
South Carolina	5.61	6.44	7.41	5.26	5.93	5.13	5.72
South Dakota	4.61	7.67	8.43	4.71	4.48	5.30	3.80
Tennessee	NA	6.43	6.65	NA	NA	NA	NA
Texas	2.80	3.71	5.55	2.48	3.10	2.72	2.66
Utah	9.27	11.66	7.72	9.65	8.94	9.99	9.97
Vermont	5.01	7.09	5.92	4.97	5.06	5.69	5.02
Virginia	4.55	7.72	6.08	4.20	4.91	5.31	4.45
Washington	11.49	11.40	9.45	11.62	11.38	11.41	11.31
West Virginia	NA	5.88	5.93	NA	NA	NA	NA
Wisconsin	6.62	10.21	8.10	7.01	6.33	NA	6.12
Wyoming	6.09	9.70	7.56	6.09	6.09	NA	6.18
<b>Total</b>	<b>4.84</b>	<b>6.65</b>	<b>6.88</b>	<b>4.71</b>	<b>4.96</b>	<b>4.59</b>	<b>4.58</b>

See footnotes at end of table.

**Table 22. Average price of natural gas sold to industrial consumers, by state, 2022-2024**

dollars per thousand cubic feet – continued

State or district	2023						
	November	October	September	August	July	June	May
Alabama	4.33	4.16	4.09	4.00	4.20	3.64	3.53
Alaska	6.92	6.50	6.33	6.40	6.18	6.15	6.40
Arizona	NA	7.42	7.73	5.63	6.97	6.73	6.63
Arkansas	8.77	7.81	7.63	8.16	8.60	8.09	8.83
California	12.52	9.74	10.40	10.71	9.57	9.20	9.21
Colorado	7.50	9.21	8.81	10.58	9.43	9.84	8.34
Connecticut	7.09	7.48	7.96	6.52	6.89	9.16	7.99
Delaware	14.22	15.70	NA	NA	NA	NA	14.51
District of Columbia	--	--	--	--	--	--	--
Florida	5.00	5.58	5.04	5.39	5.27	4.81	4.56
Georgia	5.29	5.08	4.71	4.73	6.17	4.55	4.54
Hawaii	30.00	31.60	31.78	28.82	27.71	27.33	28.71
Idaho	5.32	5.20	7.35	7.30	7.37	7.50	7.58
Illinois	5.70	6.88	9.68	8.38	7.62	8.57	6.77
Indiana	5.43	8.80	7.04	7.50	8.16	7.69	7.65
Iowa	5.49	4.83	5.11	6.05	6.26	5.97	5.93
Kansas	4.31	4.47	4.26	4.32	4.68	4.71	4.20
Kentucky	4.33	3.79	3.58	3.47	3.59	3.14	3.22
Louisiana	3.86	3.73	NA	NA	3.52	2.61	2.87
Maine	11.05	6.29	6.04	6.00	5.55	6.59	7.03
Maryland	10.09	9.64	12.53	13.35	13.17	11.42	10.18
Massachusetts	10.79	8.12	8.43	10.95	8.94	9.32	11.92
Michigan	7.90	8.24	8.61	8.42	8.52	8.68	8.59
Minnesota	4.53	4.36	4.80	4.68	3.70	3.21	5.20
Mississippi	4.64	4.40	4.38	4.61	5.67	4.17	4.24
Missouri	8.30	8.13	7.80	7.67	7.45	7.64	8.32
Montana	6.38	7.28	7.40	6.29	7.44	7.06	7.07
Nebraska	4.40	4.31	4.41	4.38	4.02	3.95	3.87
Nevada	13.53	14.33	13.94	14.03	12.70	12.14	12.06
New Hampshire	13.85	11.41	12.75	15.20	15.84	NA	6.64
New Jersey	8.18	7.39	6.79	6.71	7.09	6.66	7.06
New Mexico	NA	5.50	2.33	2.00	1.76	1.81	1.81
New York	9.50	9.25	8.01	7.05	7.45	8.52	8.77
North Carolina	5.98	5.71	5.65	5.61	5.51	5.67	5.65
North Dakota	2.89	2.86	2.87	2.29	2.30	2.04	1.94
Ohio	8.37	7.66	6.89	6.57	6.97	6.91	7.36
Oklahoma	3.33	2.66	2.49	2.43	2.63	2.00	2.08
Oregon	7.83	8.39	8.21	8.31	8.28	8.22	8.27
Pennsylvania	9.26	9.43	9.97	10.25	10.05	8.85	10.21
Rhode Island	12.37	13.27	13.12	14.52	13.12	12.89	12.77
South Carolina	5.57	5.07	4.80	4.79	4.96	4.20	4.28
South Dakota	3.43	4.11	4.62	5.18	5.10	4.55	4.63
Tennessee	NA	NA	4.15	4.10	NA	NA	3.93
Texas	2.84	2.71	2.67	2.71	2.77	2.35	2.10
Utah	9.45	8.85	9.38	9.64	9.39	8.88	8.75
Vermont	5.01	4.61	6.60	5.49	5.21	4.94	4.93
Virginia	4.44	4.97	3.89	4.02	4.61	3.60	4.80
Washington	11.22	11.78	10.94	11.23	11.14	11.47	11.32
West Virginia	4.64	4.95	NA	4.32	4.32	2.60	4.02
Wisconsin	5.21	4.37	5.96	5.19	4.88	5.69	NA
Wyoming	6.18	6.36	7.91	NA	NA	9.18	9.27
<b>Total</b>	<b>4.40</b>	<b>4.13</b>	<b>3.90</b>	<b>3.78</b>	<b>3.93</b>	<b>3.60</b>	<b>3.59</b>

See footnotes at end of table.

**Table 22. Average price of natural gas sold to industrial consumers, by state, 2022-2024**

dollars per thousand cubic feet – continued

State or district	2023				2022		
	April	March	February	January	Total	December	November
Alabama	3.66	3.93	4.72	5.78	7.87	7.65	6.60
Alaska	6.02	6.53	6.65	6.78	6.72	6.74	6.79
Arizona	6.23	6.59	7.66	8.01	7.48	6.97	6.59
Arkansas	9.10	12.40	12.23	12.67	10.46	11.50	11.21
California	11.52	15.86	21.81	NA	13.73	16.96	13.61
Colorado	7.19	7.11	7.71	11.57	10.12	10.03	12.66
Connecticut	9.06	10.78	11.23	11.58	10.37	11.87	11.17
Delaware	14.51	14.31	13.93	11.98	12.05	14.51	14.72
District of Columbia	--	--	--	--	--	--	--
Florida	5.07	6.97	7.03	9.05	9.38	9.01	9.51
Georgia	4.87	5.44	6.49	7.68	9.02	9.40	8.07
Hawaii	29.54	30.94	20.36	29.64	34.62	31.63	30.07
Idaho	7.32	7.31	7.36	6.24	5.06	6.28	5.75
Illinois	6.59	6.47	7.94	9.52	9.17	9.94	12.45
Indiana	7.30	8.34	10.11	9.70	8.42	10.30	8.65
Iowa	6.17	7.62	9.78	10.84	8.66	9.25	7.80
Kansas	4.56	6.53	NA	10.71	8.36	9.92	8.48
Kentucky	3.72	4.46	5.33	7.28	7.84	8.57	7.36
Louisiana	2.80	3.28	4.20	5.45	6.79	4.91	7.07
Maine	11.58	13.55	14.72	14.80	12.93	15.41	15.35
Maryland	10.41	NA	NA	17.01	12.22	15.23	12.86
Massachusetts	14.82	14.99	16.42	16.57	14.41	17.52	16.19
Michigan	8.86	8.79	9.69	10.09	9.11	10.56	10.54
Minnesota	5.93	6.43	8.69	9.49	8.43	8.75	7.59
Mississippi	4.28	4.61	4.92	8.62	8.38	8.52	7.41
Missouri	9.29	10.69	10.65	10.73	9.81	10.08	9.68
Montana	8.20	8.42	9.46	9.67	9.14	9.62	10.70
Nebraska	4.95	7.18	8.69	9.21	8.02	7.81	7.77
Nevada	10.39	8.50	8.87	12.02	8.23	8.01	8.91
New Hampshire	14.67	11.12	16.04	16.54	13.19	15.20	16.10
New Jersey	7.37	8.63	9.81	12.48	11.46	12.30	12.16
New Mexico	NA	NA	NA	10.89	9.62	8.64	10.61
New York	10.31	12.27	13.42	13.54	11.30	13.03	11.98
North Carolina	6.46	6.71	8.12	10.54	9.27	10.23	10.67
North Dakota	2.36	4.15	5.79	7.16	6.75	8.06	5.74
Ohio	6.48	7.62	8.44	9.00	10.78	11.66	11.04
Oklahoma	2.28	3.01	4.25	6.99	7.38	7.31	4.97
Oregon	8.22	8.27	5.96	8.57	6.34	8.61	8.15
Pennsylvania	NA	12.14	12.98	12.75	11.17	12.94	13.14
Rhode Island	12.87	12.60	12.82	13.00	10.99	12.75	11.32
South Carolina	4.21	4.84	4.74	8.11	8.92	9.37	7.51
South Dakota	4.59	6.29	7.62	7.72	7.49	6.60	6.68
Tennessee	4.32	5.39	6.07	6.78	8.00	8.15	7.31
Texas	2.09	2.47	2.87	4.49	6.57	6.23	4.79
Utah	9.78	11.49	10.56	12.79	7.97	10.65	8.18
Vermont	5.07	6.56	6.83	7.32	6.69	8.19	7.01
Virginia	6.14	6.15	6.49	9.09	7.53	7.40	7.08
Washington	12.14	11.26	11.33	11.47	9.61	11.20	10.28
West Virginia	4.26	4.72	5.26	6.48	6.77	8.10	5.34
Wisconsin	4.92	9.00	10.12	10.28	8.55	10.62	9.75
Wyoming	9.17	9.65	9.67	9.74	8.60	10.95	10.80
<b>Total</b>	<b>4.08</b>	<b>5.05</b>	<b>5.98</b>	<b>7.27</b>	<b>7.66</b>	<b>8.04</b>	<b>6.74</b>

See footnotes at end of table.

**Table 22. Average price of natural gas sold to industrial consumers, by state, 2022-2024**

dollars per thousand cubic feet – continued

State or district	2022						
	October	September	August	July	June	May	April
Alabama	7.36	10.14	12.02	9.67	9.31	8.63	6.95
Alaska	6.52	5.97	6.54	6.66	6.77	6.75	6.69
Arizona	8.38	8.04	7.91	7.71	7.25	6.92	6.64
Arkansas	10.09	10.43	10.61	10.77	9.93	9.86	10.02
California	13.28	14.61	14.36	13.37	14.20	12.27	11.70
Colorado	14.56	14.23	13.84	13.65	11.19	10.08	8.30
Connecticut	11.42	12.28	11.25	10.34	10.92	10.47	9.34
Delaware	12.58	13.75	12.03	15.20	14.93	13.35	11.63
District of Columbia	--	--	--	--	--	--	--
Florida	11.87	11.82	10.76	13.04	9.37	8.87	7.61
Georgia	9.57	12.41	12.93	9.57	10.61	8.66	7.15
Hawaii	38.79	33.91	34.88	39.17	41.31	37.96	35.42
Idaho	5.88	6.00	5.97	4.53	4.39	4.44	4.36
Illinois	13.69	15.00	15.97	14.63	13.45	8.95	7.59
Indiana	9.73	8.61	7.50	8.03	7.82	8.65	8.78
Iowa	8.19	9.53	8.19	7.85	9.19	8.92	8.58
Kansas	9.06	9.67	8.50	8.50	8.85	7.47	6.26
Kentucky	8.38	10.67	10.08	7.83	9.63	8.22	6.30
Louisiana	9.91	9.05	6.67	8.60	7.61	5.76	5.15
Maine	12.31	14.10	11.81	11.56	12.62	10.76	12.30
Maryland	12.46	14.87	15.26	15.44	11.87	12.23	11.29
Massachusetts	14.85	13.35	14.34	15.35	14.24	14.92	14.79
Michigan	11.28	10.64	9.97	10.41	10.19	10.38	8.29
Minnesota	7.86	10.78	10.69	9.00	12.02	9.30	7.36
Mississippi	8.50	10.47	11.01	8.35	9.95	9.08	7.10
Missouri	10.69	11.35	10.57	11.10	10.68	10.11	9.17
Montana	11.17	10.59	11.13	10.71	9.53	8.55	7.95
Nebraska	9.86	10.22	8.37	10.46	8.88	6.67	6.20
Nevada	9.63	9.64	9.43	8.99	8.84	8.58	8.05
New Hampshire	16.36	15.97	12.52	11.54	10.62	13.41	13.13
New Jersey	12.54	13.47	12.31	12.65	13.81	12.42	9.86
New Mexico	11.00	11.06	10.32	11.43	10.88	7.88	6.99
New York	12.11	12.20	11.89	11.27	12.14	10.99	10.43
North Carolina	10.44	9.60	10.52	9.12	9.36	7.89	7.82
North Dakota	5.48	8.34	8.45	6.63	8.36	7.28	5.43
Ohio	12.55	14.25	13.77	11.42	14.01	12.31	11.20
Oklahoma	5.79	9.29	8.41	7.20	9.49	7.58	5.79
Oregon	6.29	7.32	7.22	6.52	6.58	6.36	6.09
Pennsylvania	12.86	12.49	12.49	12.05	10.94	10.27	9.88
Rhode Island	10.36	10.72	11.42	11.22	10.92	10.97	10.87
South Carolina	8.84	12.32	12.22	9.04	10.42	8.36	7.01
South Dakota	8.96	11.12	10.39	10.48	5.21	6.50	5.60
Tennessee	8.30	10.53	9.78	8.63	10.05	8.32	6.81
Texas	5.53	8.81	8.56	6.82	8.90	7.52	5.74
Utah	7.71	8.69	8.27	7.27	7.97	7.40	7.10
Vermont	7.39	6.92	7.21	6.64	7.31	6.73	5.97
Virginia	6.93	9.39	8.31	9.02	10.30	9.11	6.59
Washington	9.06	9.14	8.96	9.26	8.44	8.95	9.61
West Virginia	5.61	8.58	8.70	6.99	8.85	7.24	5.42
Wisconsin	7.00	11.44	12.29	6.54	8.20	10.07	8.04
Wyoming	10.72	10.98	11.10	9.83	8.31	8.33	8.16
<b>Total</b>	<b>7.16</b>	<b>9.58</b>	<b>9.40</b>	<b>7.85</b>	<b>9.30</b>	<b>8.08</b>	<b>6.68</b>

See footnotes at end of table.

**Table 22. Average price of natural gas sold to industrial consumers, by state, 2022-2024**  
dollars per thousand cubic feet – continued

State or district	2022		
	March	February	January
Alabama	5.71	6.58	5.38
Alaska	6.89	6.89	6.92
Arizona	7.39	7.68	8.57
Arkansas	10.36	9.73	10.59
California	12.93	13.04	14.32
Colorado	7.31	7.00	6.80
Connecticut	8.73	9.17	8.78
Delaware	11.00	10.08	10.53
District of Columbia	--	--	--
Florida	8.20	6.64	7.99
Georgia	6.73	7.91	6.59
Hawaii	32.53	30.84	27.90
Idaho	4.44	4.29	4.24
Illinois	7.73	7.13	7.92
Indiana	7.86	7.59	7.71
Iowa	9.42	8.76	8.42
Kansas	6.70	8.25	7.82
Kentucky	5.97	7.28	5.63
Louisiana	6.59	4.77	5.90
Maine	12.34	12.23	12.26
Maryland	10.46	12.00	10.22
Massachusetts	13.57	13.11	12.82
Michigan	8.25	7.88	7.44
Minnesota	7.06	7.89	7.48
Mississippi	6.25	8.02	6.30
Missouri	9.38	9.29	8.86
Montana	8.10	8.05	8.42
Nebraska	7.27	7.43	7.14
Nevada	7.22	6.99	6.92
New Hampshire	11.62	11.67	13.41
New Jersey	10.91	10.88	11.14
New Mexico	7.61	8.22	8.59
New York	10.54	10.65	11.09
North Carolina	8.28	8.66	8.27
North Dakota	5.10	5.98	6.51
Ohio	8.82	8.65	7.36
Oklahoma	6.06	8.89	8.02
Oregon	4.35	4.43	4.54
Pennsylvania	10.39	10.28	10.35
Rhode Island	10.45	10.52	10.44
South Carolina	7.19	7.69	7.10
South Dakota	7.71	8.50	8.37
Tennessee	6.31	7.15	6.19
Texas	4.67	6.30	4.87
Utah	7.03	7.28	8.14
Vermont	5.71	6.32	5.56
Virginia	6.22	6.25	5.90
Washington	9.44	9.96	9.05
West Virginia	5.27	7.14	4.85
Wisconsin	6.27	8.61	7.67
Wyoming	7.59	7.53	7.58
<b>Total</b>	<b>6.18</b>	<b>7.32</b>	<b>6.47</b>

-- Not applicable.

<sup>R</sup> Revised data.

<sup>NA</sup> Not available.

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

**Note:** 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. Appendix A, Explanatory Note 8, contains a discussion of computations and revision policy. Table 24 displays data on onsystem sales expressed as a percentage of total residential, total commercial, and total industrial deliveries.



**Table 23. Average price of natural gas sold to electric power<sup>a</sup> consumers, by state, 2022-2024**  
dollars per thousand cubic feet

State or district	2024	2023	2022	2024		2023	
	2-month YTD	2-month YTD	2-month YTD	February	January	Total	December
Alabama	W	W	W	W	W	3.09	W
Alaska	8.23	6.88	5.71	8.18	8.28	7.97	8.36
Arizona	W	W	W	W	W	4.35	3.53
Arkansas	W	W	W	W	W	W	W
California	5.71	W	6.82	4.58	6.46	7.83	5.37
Colorado	W	W	W	W	W	W	W
Connecticut	W	W	W	W	W	3.78	4.07
Delaware	--	--	W	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	5.00	15.19	5.74	2.88	6.86	6.13	3.76
Illinois	4.35	W	W	1.74	6.74	2.54	W
Indiana	W	4.05	W	2.37	W	3.07	W
Iowa	3.10	4.02	4.71	2.32	3.76	3.10	2.23
Kansas	4.62	5.66	6.80	2.21	6.73	3.06	3.20
Kentucky	W	W	W	3.84	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	W	W	W	--	W	W	W
Maryland	W	W	W	W	W	2.98	W
Massachusetts	11.98	21.83	22.98	10.78	12.83	7.15	8.99
Michigan	3.16	3.51	4.71	2.23	4.14	2.81	2.68
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	2.98	2.80	4.10	1.40	4.09	2.39	1.53
Nebraska	8.25	3.99	7.41	7.40	8.95	3.34	5.63
Nevada	4.73	24.49	6.65	4.89	4.61	7.49	5.85
New Hampshire	W	W	W	--	W	W	W
New Jersey	4.52	4.16	6.78	1.96	6.46	2.12	2.32
New Mexico	3.10	5.02	5.25	2.21	3.93	2.69	2.34
New York	4.49	6.37	8.70	3.09	5.77	3.00	3.28
North Carolina	W	W	W	W	W	W	W
North Dakota	3.12	5.03	31.73	2.62	3.57	3.73	3.57
Ohio	2.98	3.08	4.63	2.13	3.76	2.31	2.34
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	3.07	3.56	5.45	1.91	4.19	2.14	2.23
Rhode Island	W	W	W	W	W	W	W
South Carolina	4.90	5.59	6.48	3.44	6.35	4.07	4.54
South Dakota	3.04	3.46	5.75	2.47	3.49	2.88	2.94
Tennessee	3.43	4.25	4.27	2.78	3.88	2.77	2.91
Texas	3.19	2.99	4.95	1.97	4.03	2.58	2.41
Utah	5.65	27.12	7.20	5.20	6.05	8.21	6.79
Vermont	--	--	--	--	--	--	--
Virginia	4.06	5.34	6.76	2.82	5.26	3.41	3.70
Washington	W	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W	W
Wisconsin	W	W	5.71	3.49	W	W	W
Wyoming	W	W	W	W	W	W	W
<b>Total</b>	<b>4.15</b>	<b>6.15</b>	<b>6.64</b>	<b>3.01</b>	<b>5.07</b>	<b>3.49</b>	<b>3.42</b>

See footnotes at end of table.

**Table 23. Average price of natural gas sold to electric power<sup>a</sup> consumers, by state, 2022-2024**  
dollars per thousand cubic feet – continued

State or district	2023						
	November	October	September	August	July	June	May
Alabama	W	W	W	W	W	W	W
Alaska	8.20	8.14	8.07	8.20	8.28	8.07	8.11
Arizona	W	W	W	W	W	W	W
Arkansas	W	W	W	W	W	W	W
California	6.15	W	4.52	5.95	5.47	W	W
Colorado	W	W	W	W	W	W	W
Connecticut	3.58	1.86	1.88	2.25	3.35	2.59	1.93
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	4.91	4.76	2.84	3.91	3.62	2.58	--
Illinois	W	W	W	2.55	2.53	W	W
Indiana	2.91	2.80	3.54	W	W	2.59	2.66
Iowa	2.40	2.86	3.29	3.57	3.48	2.99	2.29
Kansas	3.77	3.05	2.87	3.01	2.90	2.43	2.02
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	W	W	W	--	W	W	--
Maryland	W	3.28	3.20	W	W	2.34	2.50
Massachusetts	4.62	1.77	1.79	1.79	4.75	2.80	5.47
Michigan	3.12	2.60	2.65	2.64	2.70	2.55	2.54
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	2.33	2.34	2.62	2.60	2.21	2.15	2.09
Nebraska	5.89	3.06	3.12	2.95	3.07	2.67	2.73
Nevada	5.52	3.09	3.84	4.68	4.05	3.03	2.99
New Hampshire	W	W	W	W	W	W	W
New Jersey	2.44	1.49	1.75	1.43	1.83	1.57	1.60
New Mexico	2.15	2.33	2.54	2.71	2.43	2.24	1.74
New York	3.26	1.94	2.02	1.90	2.51	2.02	1.89
North Carolina	W	W	W	W	W	W	W
North Dakota	3.10	3.48	3.43	3.64	3.45	3.30	3.72
Ohio	2.49	2.04	2.02	2.15	2.18	1.94	1.95
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	2.34	1.64	1.62	1.47	1.83	1.58	1.70
Rhode Island	W	W	W	W	W	W	W
South Carolina	4.03	3.48	3.89	3.96	3.95	3.85	3.39
South Dakota	3.18	2.95	2.79	2.90	2.93	2.67	2.45
Tennessee	2.75	2.73	2.53	2.50	2.53	2.24	2.14
Texas	2.64	2.71	2.67	2.67	2.66	2.36	2.22
Utah	5.84	3.47	3.92	4.60	3.72	2.94	2.92
Vermont	--	--	--	--	--	--	--
Virginia	3.94	2.82	2.60	2.31	2.60	2.60	3.15
Washington	W	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W	W
Wisconsin	W	W	W	W	W	W	W
Wyoming	W	W	W	W	W	W	W
<b>Total</b>	<b>3.52</b>	<b>3.02</b>	<b>2.95</b>	<b>3.02</b>	<b>3.07</b>	<b>2.67</b>	<b>2.63</b>

See footnotes at end of table.

**Table 23. Average price of natural gas sold to electric power<sup>a</sup> consumers, by state, 2022-2024**  
dollars per thousand cubic feet – continued

State or district	2023				Total	2022	
	April	March	February	January		December	November
Alabama	W	W	3.01	W	W	W	W
Alaska	8.15	8.05	8.06	5.88	5.59	5.95	6.18
Arizona	2.87	W	W	W	8.68	18.64	W
Arkansas	W	W	W	W	W	W	W
California	W	W	W	28.12	10.22	27.30	9.18
Colorado	W	W	W	W	W	8.48	W
Connecticut	2.07	4.45	W	W	9.11	W	6.51
Delaware	--	--	--	--	W	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	--	5.94	8.75	20.56	10.13	29.67	9.32
Illinois	2.20	W	W	W	6.91	7.89	W
Indiana	W	W	3.65	4.40	6.56	6.54	5.45
Iowa	2.44	2.91	3.53	4.37	6.03	6.10	5.43
Kansas	2.26	2.93	5.15	6.20	7.05	9.32	5.29
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	W	--	--	W	W	W	W
Maryland	2.34	W	W	W	8.57	W	W
Massachusetts	2.50	W	19.17	24.57	W	22.80	W
Michigan	2.71	2.88	3.06	3.93	6.86	6.53	W
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	2.23	2.64	2.35	3.13	4.31	4.94	4.95
Nebraska	2.79	3.71	3.44	4.34	8.35	9.11	6.62
Nevada	4.52	5.76	10.50	36.81	8.26	16.76	7.37
New Hampshire	W	W	W	W	W	W	W
New Jersey	1.90	2.54	5.04	3.53	7.14	11.75	5.13
New Mexico	1.72	2.35	3.37	6.26	6.69	8.27	5.39
New York	2.22	3.77	6.10	6.61	7.58	10.57	6.16
North Carolina	W	W	W	W	W	W	W
North Dakota	3.58	4.12	4.22	5.77	9.14	12.17	7.41
Ohio	2.11	2.52	2.60	3.55	6.34	5.97	4.92
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	1.94	2.40	3.11	3.97	6.29	7.79	4.74
Rhode Island	W	W	W	W	W	W	W
South Carolina	3.25	3.93	5.18	5.99	7.31	10.77	6.16
South Dakota	2.56	2.82	2.84	3.85	7.72	6.92	7.08
Tennessee	2.45	2.89	3.53	4.84	5.84	6.10	4.84
Texas	2.17	2.51	2.63	3.32	6.52	5.34	4.74
Utah	4.71	6.08	11.69	41.91	8.53	14.25	7.26
Vermont	--	--	--	--	W	--	--
Virginia	3.84	4.06	5.53	5.20	7.32	8.89	5.87
Washington	W	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W	W
Wisconsin	W	W	W	W	5.97	6.32	5.33
Wyoming	W	W	W	W	W	13.30	W
<b>Total</b>	<b>2.81</b>	<b>3.51</b>	<b>4.64</b>	<b>7.50</b>	<b>7.51</b>	<b>9.53</b>	<b>5.96</b>

See footnotes at end of table.

**Table 23. Average price of natural gas sold to electric power<sup>a</sup> consumers, by state, 2022-2024**  
dollars per thousand cubic feet – continued

State or district	2022						
	October	September	August	July	June	May	April
Alabama	W	W	W	W	W	W	W
Alaska	5.97	5.22	5.27	5.96	5.74	5.89	5.51
Arizona	6.13	W	W	W	W	8.32	W
Arkansas	W	W	W	W	W	W	W
California	7.40	10.62	10.44	8.21	W	W	7.15
Colorado	W	W	W	W	W	8.16	W
Connecticut	5.81	7.54	8.71	7.82	8.11	7.89	6.81
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	W	W	W	W
Georgia	W	W	W	W	W	W	W
Hawaii	--	--	--	--	--	--	--
Idaho	5.02	8.16	8.36	6.04	7.72	8.29	7.29
Illinois	W	W	8.63	7.13	7.65	8.28	W
Indiana	W	W	8.65	7.49	7.92	8.09	W
Iowa	5.42	6.40	7.39	6.57	6.86	6.69	5.34
Kansas	5.30	7.58	8.40	7.24	7.78	8.04	6.63
Kentucky	W	W	W	W	W	W	W
Louisiana	W	W	W	W	W	W	W
Maine	--	--	W	W	W	W	W
Maryland	W	8.56	9.94	9.72	9.16	8.75	W
Massachusetts	5.59	W	9.84	9.71	8.39	7.82	7.20
Michigan	6.21	7.95	9.01	7.62	8.17	8.38	6.62
Minnesota	W	W	W	W	W	W	W
Mississippi	W	W	W	W	W	W	W
Missouri	W	W	W	W	W	W	W
Montana	2.33	4.13	2.17	5.00	5.30	6.62	6.09
Nebraska	6.03	8.63	9.22	7.95	8.61	8.59	8.44
Nevada	5.94	9.07	8.85	7.36	9.13	7.58	6.43
New Hampshire	W	W	W	W	W	W	W
New Jersey	5.04	7.38	8.61	7.28	7.23	7.80	6.38
New Mexico	4.24	7.55	8.06	6.78	8.24	7.44	6.76
New York	5.25	7.76	8.24	7.30	7.68	7.93	6.55
North Carolina	W	W	W	W	W	W	W
North Dakota	9.61	12.94	14.06	10.94	10.35	8.08	7.65
Ohio	5.26	7.65	8.64	6.96	7.95	7.97	6.48
Oklahoma	W	W	W	W	W	W	W
Oregon	W	W	W	W	W	W	W
Pennsylvania	4.87	7.20	8.15	6.66	7.22	7.17	5.86
Rhode Island	W	W	W	W	W	W	W
South Carolina	5.75	7.66	8.79	8.46	7.67	7.29	5.49
South Dakota	5.88	8.61	9.02	7.44	8.70	8.63	6.89
Tennessee	5.48	7.28	7.71	6.36	7.13	6.49	5.06
Texas	5.24	7.63	8.52	7.12	7.61	7.80	6.30
Utah	5.98	8.97	8.77	12.38	8.80	8.02	6.28
Vermont	--	--	--	--	--	--	--
Virginia	5.98	7.94	8.89	7.41	7.98	8.01	6.60
Washington	W	W	W	W	W	W	W
West Virginia	W	W	W	W	W	W	W
Wisconsin	5.28	6.70	7.04	6.12	6.23	6.34	5.26
Wyoming	W	9.48	W	8.72	W	8.42	W
<b>Total</b>	<b>6.03</b>	<b>8.46</b>	<b>9.33</b>	<b>7.76</b>	<b>8.23</b>	<b>7.79</b>	<b>6.45</b>

See footnotes at end of table.

**Table 23. Average price of natural gas sold to electric power<sup>a</sup> consumers, by state, 2022-2024**  
dollars per thousand cubic feet – continued

State or district	2022		
	March	February	January
Alabama	W	W	W
Alaska	5.51	5.48	5.91
Arizona	W	W	W
Arkansas	W	W	W
California	5.50	6.04	7.46
Colorado	W	W	W
Connecticut	7.60	W	17.10
Delaware	W	W	--
District of Columbia	--	--	--
Florida	W	W	W
Georgia	W	W	W
Hawaii	--	--	--
Idaho	5.19	4.40	6.91
Illinois	W	W	W
Indiana	W	W	W
Iowa	4.21	4.75	4.68
Kansas	5.41	7.63	5.97
Kentucky	W	W	W
Louisiana	W	W	W
Maine	W	--	W
Maryland	5.49	W	W
Massachusetts	W	21.60	24.10
Michigan	5.02	4.97	4.51
Minnesota	W	6.88	W
Mississippi	W	W	W
Missouri	W	W	W
Montana	4.41	4.31	3.93
Nebraska	7.55	7.96	7.00
Nevada	5.34	5.75	7.45
New Hampshire	W	W	W
New Jersey	4.93	5.64	8.07
New Mexico	4.84	5.29	5.21
New York	5.21	7.43	9.86
North Carolina	W	W	W
North Dakota	8.10	4.89	55.69
Ohio	4.73	5.07	4.26
Oklahoma	W	W	W
Oregon	W	W	W
Pennsylvania	4.33	5.28	5.61
Rhode Island	W	W	W
South Carolina	5.09	5.86	7.06
South Dakota	5.37	5.75	5.75
Tennessee	4.06	4.59	4.01
Texas	4.93	5.49	4.47
Utah	5.13	5.79	8.43
Vermont	--	--	--
Virginia	5.30	6.93	6.60
Washington	W	W	W
West Virginia	6.76	W	W
Wisconsin	4.62	5.62	5.78
Wyoming	10.65	-1.45	W
<b>Total</b>	<b>5.32</b>	<b>6.26</b>	<b>6.97</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.

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

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

**Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2022-2024**

State or district	2024 2-month YTD			2023 2-month YTD			2022 2-month YTD		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	84.3	30.6	100.0	83.1	28.6	100.0	83.0	26.5
Alaska	100.0	99.6	88.5	100.0	99.6	87.7	100.0	99.6	85.3
Arizona	100.0	84.1	20.8	100.0	84.6	24.8	100.0	83.7	15.9
Arkansas	100.0	52.6	1.8	100.0	51.3	1.8	100.0	49.2	2.2
California	NA	56.0	5.3	NA	NA	NA	95.9	58.4	6.0
Colorado	100.0	95.5	14.7	100.0	95.3	13.9	100.0	94.9	11.0
Connecticut	97.4	80.8	64.5	97.1	83.1	61.4	96.9	84.6	50.1
Delaware	100.0	55.3	0.4	100.0	57.9	0.8	100.0	56.4	0.5
District of Columbia	74.3	23.0	0.0	76.5	26.5	0.0	76.4	27.1	--
Florida	92.3	32.5	NA	92.8	32.0	3.7	92.7	31.7	3.1
Georgia	100.0	100.0	22.6	100.0	100.0	23.0	100.0	100.0	24.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	75.3	4.7	100.0	84.7	4.3	100.0	84.9	3.9
Illinois	NA	38.1	NA	89.4	38.4	8.7	89.8	41.0	12.9
Indiana	97.0	73.7	2.9	96.6	72.9	3.1	96.5	73.3	3.6
Iowa	100.0	66.7	3.1	100.0	67.9	2.9	100.0	69.6	4.0
Kansas	100.0	66.1	NA	100.0	65.0	NA	100.0	65.4	1.8
Kentucky	98.1	83.6	15.2	97.7	81.7	15.6	97.8	83.7	15.6
Louisiana	100.0	79.0	2.2	100.0	74.7	2.1	100.0	78.2	2.3
Maine	100.0	67.8	12.1	100.0	69.2	13.8	100.0	69.2	12.6
Maryland	82.4	30.2	6.4	80.2	29.1	NA	79.3	32.7	8.3
Massachusetts	98.9	41.4	30.9	98.7	40.4	31.5	98.6	43.0	29.6
Michigan	96.1	67.6	9.5	95.8	66.6	9.6	95.3	67.4	10.5
Minnesota	100.0	89.8	16.6	100.0	90.3	18.5	100.0	91.1	19.8
Mississippi	100.0	82.5	6.7	100.0	80.4	9.1	100.0	83.8	8.4
Missouri	100.0	76.4	15.9	100.0	77.1	15.9	100.0	78.5	15.6
Montana	99.9	54.7	1.9	99.8	55.8	2.2	99.8	55.8	2.4
Nebraska	87.7	57.7	6.4	87.6	59.8	NA	88.3	60.1	6.0
Nevada	100.0	70.1	NA	100.0	71.3	30.7	100.0	71.0	21.4
New Hampshire	100.0	59.6	NA	100.0	62.0	13.3	100.0	62.1	11.9
New Jersey	97.9	51.7	NA	97.7	50.8	NA	97.5	51.5	11.6
New Mexico	100.0	66.8	16.1	100.0	70.3	NA	100.0	60.8	13.5
New York	100.0	100.0	5.9	100.0	100.0	7.0	100.0	100.0	6.8
North Carolina	100.0	91.4	19.1	100.0	88.8	17.0	100.0	91.1	15.1
North Dakota	100.0	94.8	29.7	100.0	94.8	34.7	100.0	95.3	37.6
Ohio	100.0	100.0	NA	100.0	100.0	1.0	100.0	100.0	1.1
Oklahoma	100.0	55.5	6.1	100.0	56.2	6.2	100.0	51.2	5.7
Oregon	100.0	97.1	NA	100.0	96.8	21.3	100.0	96.4	19.6
Pennsylvania	89.1	NA	1.6	88.5	NA	1.8	88.0	40.3	1.9
Rhode Island	100.0	56.5	6.6	100.0	57.8	7.3	100.0	54.7	5.1
South Carolina	100.0	90.0	35.5	100.0	NA	38.0	100.0	93.6	34.3
South Dakota	100.0	81.2	5.7	100.0	78.2	5.6	100.0	79.3	5.1
Tennessee	NA	NA	NA	100.0	91.7	23.5	100.0	91.6	25.9
Texas	99.9	78.0	29.0	99.9	76.4	26.9	99.9	79.0	26.7
Utah	100.0	72.1	3.0	100.0	71.9	2.3	100.0	73.0	2.3
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	91.0	59.2	16.2	89.6	NA	13.0	90.2	58.3	15.3
Washington	100.0	90.4	NA	100.0	91.3	10.0	100.0	89.6	8.2
West Virginia	NA	NA	NA	100.0	62.3	3.0	100.0	65.7	3.2
Wisconsin	100.0	69.9	19.6	98.6	71.6	18.5	100.0	73.9	21.0
Wyoming	65.5	54.7	1.4	66.7	55.8	NA	68.2	57.6	2.0
<b>Total</b>	<b>96.9</b>	<b>69.9</b>	<b>14.3</b>	<b>96.9</b>	<b>69.9</b>	<b>13.6</b>	<b>96.8</b>	<b>70.6</b>	<b>13.6</b>

See footnotes at end of table.

**Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2022-2024 – continued**

State or district	2024						2023		
	February			January			Total		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	85.8	30.1	100.0	82.9	31.0	100.0	76.3	27.6
Alaska	100.0	99.6	88.2	100.0	99.6	88.7	100.0	99.6	NA
Arizona	100.0	84.6	22.2	100.0	83.6	19.4	NA	81.0	NA
Arkansas	100.0	55.1	1.8	100.0	50.3	1.7	100.0	37.4	11.5
California	96.1	56.1	5.8	NA	55.8	4.8	NA	NA	NA
Colorado	100.0	95.2	14.8	100.0	95.7	14.7	100.0	94.5	11.4
Connecticut	97.5	81.0	65.3	97.4	80.5	63.7	96.7	77.6	59.9
Delaware	100.0	56.8	0.4	100.0	53.9	0.4	100.0	49.3	NA
District of Columbia	75.0	22.5	0.0	73.5	23.5	0.0	74.2	22.9	0.0
Florida	92.6	32.3	NA	92.0	32.6	NA	94.0	31.4	3.2
Georgia	100.0	100.0	22.4	100.0	100.0	22.7	100.0	100.0	21.1
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	73.4	4.6	100.0	76.8	4.8	100.0	77.4	3.9
Illinois	90.1	33.5	NA	NA	42.2	9.4	89.5	32.9	5.4
Indiana	97.0	73.4	2.7	97.0	73.9	3.1	NA	NA	1.9
Iowa	100.0	63.9	2.9	100.0	68.6	3.2	100.0	60.6	2.4
Kansas	100.0	64.2	NA	100.0	67.5	NA	NA	NA	NA
Kentucky	97.8	82.2	15.9	98.3	84.6	14.7	98.1	77.4	15.1
Louisiana	100.0	80.2	2.3	100.0	77.8	2.0	100.0	73.0	NA
Maine	100.0	68.2	12.1	100.0	67.3	12.0	NA	NA	NA
Maryland	82.9	29.7	5.9	81.9	30.6	6.9	80.7	25.3	NA
Massachusetts	98.9	39.6	28.4	99.0	43.4	33.5	98.8	37.4	27.2
Michigan	95.8	65.3	10.1	96.3	69.5	9.0	95.9	61.5	6.1
Minnesota	100.0	89.1	16.0	100.0	90.4	17.1	NA	NA	NA
Mississippi	100.0	81.4	7.0	100.0	83.4	6.5	NA	75.7	8.0
Missouri	100.0	79.0	16.8	100.0	74.0	15.2	100.0	68.8	11.0
Montana	99.9	56.2	1.9	99.9	53.3	1.9	99.8	49.1	1.6
Nebraska	88.0	57.0	6.7	87.4	58.3	6.2	87.5	52.4	NA
Nevada	100.0	69.4	28.0	100.0	70.7	NA	100.0	64.7	NA
New Hampshire	100.0	60.3	NA	100.0	58.8	NA	100.0	NA	NA
New Jersey	97.9	50.8	NA	97.9	52.6	8.9	97.8	NA	NA
New Mexico	100.0	68.7	16.7	100.0	65.2	15.5	NA	61.5	NA
New York	100.0	100.0	5.5	100.0	100.0	6.2	100.0	100.0	5.0
North Carolina	100.0	90.6	19.2	100.0	92.1	19.1	100.0	86.5	15.8
North Dakota	100.0	93.6	28.3	100.0	95.7	31.0	100.0	94.0	31.9
Ohio	100.0	100.0	NA	100.0	100.0	NA	100.0	NA	0.9
Oklahoma	100.0	63.3	5.8	100.0	48.9	6.4	100.0	46.2	5.9
Oregon	100.0	97.2	NA	100.0	97.1	19.5	100.0	96.1	19.9
Pennsylvania	89.7	NA	1.6	88.6	39.6	1.6	88.5	NA	NA
Rhode Island	100.0	53.8	6.8	100.0	59.5	6.4	100.0	56.6	6.6
South Carolina	100.0	87.5	34.8	100.0	92.2	36.1	100.0	NA	36.7
South Dakota	100.0	81.8	6.4	100.0	80.8	5.1	100.0	76.6	4.1
Tennessee	NA	NA	NA	NA	NA	NA	NA	NA	NA
Texas	99.9	75.3	29.4	99.9	80.4	28.8	99.7	68.9	28.7
Utah	100.0	70.1	2.7	100.0	73.8	3.3	100.0	66.2	2.6
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	90.6	58.2	15.3	91.3	60.0	17.3	NA	NA	NA
Washington	100.0	89.7	7.4	100.0	90.9	NA	100.0	87.7	NA
West Virginia	NA	NA	NA	NA	NA	NA	NA	NA	NA
Wisconsin	100.0	67.4	18.4	100.0	71.7	20.6	99.5	61.5	NA
Wyoming	65.7	54.9	1.5	65.3	54.5	1.2	67.3	54.0	NA
<b>Total</b>	<b>97.1</b>	<b>68.9</b>	<b>14.4</b>	<b>96.7</b>	<b>70.9</b>	<b>14.1</b>	<b>96.9</b>	<b>65.3</b>	<b>13.1</b>

See footnotes at end of table.

**Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2022-2024 – continued**

State or district	2023								
	December			November			October		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	78.2	29.9	100.0	72.6	28.6	100.0	R68.3	R27.3
Alaska	100.0	99.7	NA	100.0	99.7	86.8	100.0	99.6	82.3
Arizona	100.0	81.8	NA	100.0	79.3	NA	NA	79.3	R23.3
Arkansas	100.0	42.3	1.6	100.0	30.7	1.6	100.0	26.3	1.3
California	95.9	56.5	5.0	96.2	52.3	5.2	95.8	47.6	6.1
Colorado	100.0	95.7	14.1	100.0	94.8	12.1	100.0	94.4	7.6
Connecticut	97.3	79.6	62.8	96.1	76.7	57.8	95.3	71.6	59.4
Delaware	100.0	51.3	0.3	100.0	41.9	0.2	100.0	36.2	0.2
District of Columbia	73.0	24.4	0.0	71.0	22.6	0.0	75.3	18.9	0.0
Florida	94.0	30.6	2.9	93.8	31.7	3.9	94.7	33.0	2.9
Georgia	100.0	100.0	21.4	100.0	100.0	21.2	100.0	100.0	R21.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	83.1	4.3	100.0	77.4	4.2	100.0	76.3	3.4
Illinois	92.3	36.5	7.0	91.0	35.7	5.3	93.2	30.1	4.7
Indiana	97.0	73.2	2.4	96.6	71.0	2.0	96.4	68.9	1.4
Iowa	100.0	65.6	2.8	100.0	60.0	3.1	100.0	57.8	2.8
Kansas	NA	NA	1.6	100.0	54.6	3.3	100.0	39.4	4.2
Kentucky	98.4	82.8	15.0	98.9	79.8	15.3	99.1	72.1	15.0
Louisiana	100.0	75.0	1.7	100.0	71.8	1.8	100.0	69.2	1.7
Maine	100.0	66.4	12.8	100.0	61.4	11.6	100.0	NA	11.2
Maryland	82.9	31.1	4.4	82.3	26.6	4.0	80.7	20.5	0.7
Massachusetts	98.9	45.5	27.1	99.1	R41.1	25.5	98.9	R31.9	23.4
Michigan	95.7	64.4	7.3	96.5	65.9	6.7	96.5	R58.3	4.0
Minnesota	100.0	90.2	16.8	100.0	87.2	22.1	NA	NA	17.7
Mississippi	100.0	80.1	7.0	100.0	76.7	8.1	100.0	74.1	R7.9
Missouri	100.0	66.6	13.5	100.0	63.4	10.1	100.0	53.7	7.9
Montana	99.9	50.8	1.8	99.9	52.0	1.7	99.8	29.1	0.9
Nebraska	86.6	54.6	5.7	86.3	45.3	5.0	87.1	38.2	4.6
Nevada	100.0	68.3	25.2	100.0	59.8	NA	100.0	53.3	NA
New Hampshire	100.0	57.6	NA	100.0	53.4	NA	100.0	49.2	NA
New Jersey	97.9	48.5	5.8	97.9	41.9	3.9	97.9	36.0	1.7
New Mexico	100.0	59.4	20.0	100.0	46.7	NA	NA	54.9	21.8
New York	100.0	100.0	6.3	100.0	100.0	4.0	100.0	100.0	3.2
North Carolina	100.0	90.3	18.7	100.0	89.5	16.7	100.0	85.8	16.0
North Dakota	100.0	95.0	35.5	100.0	94.7	32.9	100.0	93.2	17.5
Ohio	100.0	100.0	1.1	100.0	100.0	1.4	100.0	100.0	1.0
Oklahoma	100.0	44.5	5.8	100.0	33.1	6.1	100.0	24.2	5.8
Oregon	100.0	96.8	20.3	100.0	96.6	20.9	100.0	96.1	18.6
Pennsylvania	88.4	38.0	1.2	89.9	36.2	0.7	88.3	30.8	0.5
Rhode Island	100.0	57.6	7.2	100.0	57.5	6.1	100.0	54.9	5.5
South Carolina	100.0	90.0	35.3	100.0	88.4	37.4	100.0	84.3	37.3
South Dakota	100.0	79.0	6.7	100.0	75.6	6.1	100.0	66.8	2.8
Tennessee	NA	NA	NA	NA	NA	NA	NA	NA	NA
Texas	99.9	74.4	29.6	99.9	70.2	30.4	99.7	66.0	29.0
Utah	100.0	71.8	2.8	100.0	64.9	3.0	100.0	53.7	2.6
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	91.4	58.7	15.6	92.5	59.2	9.9	90.9	54.1	13.0
Washington	100.0	89.8	NA	100.0	89.6	7.3	100.0	85.1	5.5
West Virginia	NA	NA	NA	100.0	54.3	3.0	100.0	43.8	3.3
Wisconsin	100.0	66.1	19.0	100.0	R66.5	R18.1	100.0	R55.8	16.5
Wyoming	66.5	54.7	1.0	66.2	52.4	0.6	66.7	46.6	0.2
<b>Total</b>	<b>97.2</b>	<b>68.7</b>	<b>13.7</b>	<b>97.1</b>	<b>66.1</b>	<b>13.8</b>	<b>97.3</b>	<b>61.2</b>	<b>13.0</b>

See footnotes at end of table.



**Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2022-2024 – continued**

State or district	2023								
	September			August			July		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	68.8	28.6	100.0	68.5	26.6	100.0	69.9	26.1
Alaska	100.0	99.7	80.9	100.0	99.7	82.1	100.0	99.7	81.4
Arizona	100.0	77.5	18.3	100.0	77.1	21.3	100.0	78.4	18.2
Arkansas	100.0	24.4	1.3	100.0	23.7	1.3	100.0	22.3	1.4
California	95.6	45.6	3.5	95.3	46.5	3.7	95.8	47.8	3.9
Colorado	100.0	90.8	8.0	100.0	91.4	6.9	100.0	93.8	7.6
Connecticut	95.9	68.9	57.6	95.5	66.9	62.8	96.1	67.8	59.9
Delaware	100.0	34.8	NA	100.0	35.7	NA	100.0	37.2	NA
District of Columbia	70.6	16.2	0.0	73.6	20.7	0.0	68.4	14.1	0.0
Florida	94.7	29.0	3.2	95.3	29.7	2.9	95.0	31.3	2.7
Georgia	100.0	100.0	20.4	100.0	100.0	20.9	100.0	100.0	19.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	54.7	2.9	100.0	55.0	3.9	100.0	58.1	3.3
Illinois	86.7	20.5	1.9	88.0	20.9	2.4	88.8	19.2	2.5
Indiana	NA	NA	0.9	96.4	57.7	0.9	96.8	59.5	0.9
Iowa	100.0	46.1	1.8	100.0	39.3	1.9	100.0	38.9	1.8
Kansas	100.0	30.8	10.8	100.0	23.6	15.7	100.0	26.7	8.9
Kentucky	98.6	67.7	14.3	98.7	65.3	15.2	98.6	64.6	15.4
Louisiana	100.0	72.0	NA	100.0	73.5	NA	100.0	72.4	1.7
Maine	100.0	NA	13.3	NA	NA	13.6	NA	NA	14.7
Maryland	80.9	18.2	0.8	78.5	17.4	0.8	79.3	17.6	0.8
Massachusetts	98.9	27.5	21.1	98.8	22.5	24.5	98.8	26.9	22.0
Michigan	95.9	44.3	2.5	96.1	40.4	2.7	96.5	45.3	2.6
Minnesota	100.0	74.0	12.3	100.0	75.2	13.3	100.0	69.1	11.4
Mississippi	100.0	70.8	7.4	100.0	66.4	8.2	100.0	67.4	6.8
Missouri	100.0	58.0	9.1	100.0	56.8	6.6	100.0	50.2	6.8
Montana	99.7	27.0	0.8	99.8	26.5	1.1	99.7	27.6	0.6
Nebraska	89.5	37.6	4.4	90.0	42.2	3.7	89.5	37.2	4.3
Nevada	100.0	53.9	NA	100.0	51.6	NA	100.0	55.7	18.2
New Hampshire	100.0	48.4	NA	100.0	52.2	NA	100.0	51.1	NA
New Jersey	97.9	NA	1.5	97.8	NA	0.8	97.8	NA	1.1
New Mexico	100.0	50.2	30.1	100.0	46.8	35.3	100.0	48.7	29.3
New York	100.0	100.0	3.0	100.0	100.0	3.2	100.0	100.0	3.9
North Carolina	100.0	82.6	14.6	100.0	81.6	13.6	100.0	79.9	14.6
North Dakota	100.0	89.5	13.0	100.0	88.6	32.4	100.0	89.0	36.5
Ohio	100.0	NA	0.6	100.0	100.0	0.6	100.0	100.0	0.5
Oklahoma	100.0	29.8	6.1	100.0	29.9	5.9	100.0	30.7	6.4
Oregon	100.0	94.0	21.2	100.0	93.6	17.4	100.0	93.2	17.4
Pennsylvania	88.8	25.9	0.3	88.0	24.5	0.4	87.6	23.7	0.3
Rhode Island	100.0	56.1	5.5	100.0	57.5	3.9	100.0	56.7	6.0
South Carolina	100.0	83.5	35.5	100.0	83.5	38.1	100.0	85.5	36.3
South Dakota	100.0	64.4	1.8	100.0	60.2	1.5	100.0	65.9	1.7
Tennessee	NA	NA	21.5	100.0	81.3	25.7	100.0	79.0	NA
Texas	98.7	60.1	29.4	97.8	59.3	30.2	98.7	60.2	28.9
Utah	100.0	51.3	2.6	100.0	47.6	2.2	100.0	49.1	2.4
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	NA	NA	7.8	88.0	47.4	11.7	86.6	46.3	NA
Washington	100.0	81.6	4.8	100.0	78.7	4.9	100.0	78.0	4.3
West Virginia	100.0	31.3	NA	100.0	28.7	3.7	NA	29.4	3.1
Wisconsin	100.0	32.6	9.1	100.0	36.2	9.8	100.0	38.9	8.3
Wyoming	69.0	44.9	0.3	69.5	46.6	NA	69.7	46.7	NA
<b>Total</b>	<b>96.7</b>	<b>55.9</b>	<b>12.5</b>	<b>96.6</b>	<b>54.9</b>	<b>13.2</b>	<b>96.8</b>	<b>55.6</b>	<b>12.5</b>

See footnotes at end of table.

**Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2022-2024 – continued**

State or district	2023								
	June			May			April		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	71.3	26.3	100.0	73.1	27.1	100.0	77.5	26.2
Alaska	100.0	99.5	80.0	100.0	99.6	74.9	100.0	99.5	79.9
Arizona	100.0	77.7	21.2	100.0	77.9	21.7	100.0	81.2	22.4
Arkansas	100.0	24.1	1.2	100.0	28.2	1.5	100.0	39.7	1.3
California	95.8	53.3	4.7	95.7	56.3	4.6	95.6	56.7	5.3
Colorado	100.0	94.3	8.4	100.0	91.2	12.5	100.0	93.2	10.9
Connecticut	96.0	70.7	55.5	95.8	73.4	56.8	96.1	80.2	63.2
Delaware	100.0	40.7	NA	100.0	44.9	0.2	100.0	55.0	0.2
District of Columbia	73.5	20.1	0.0	69.8	21.8	0.0	73.8	23.2	0.0
Florida	94.8	30.9	3.2	94.3	31.6	3.4	94.3	31.7	3.9
Georgia	100.0	100.0	20.9	100.0	100.0	20.3	100.0	100.0	20.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	100.0	60.1	3.6	100.0	65.7	3.9	100.0	78.5	4.1
Illinois	87.0	18.9	2.2	83.5	24.1	4.3	86.3	30.2	5.4
Indiana	96.6	62.1	0.9	96.6	62.2	1.3	96.8	64.3	2.0
Iowa	100.0	43.8	2.2	100.0	47.9	2.1	100.0	60.1	2.2
Kansas	100.0	31.7	3.6	NA	31.4	7.2	100.0	48.3	8.5
Kentucky	98.3	64.7	14.0	97.1	70.6	15.1	97.1	74.7	15.4
Louisiana	100.0	73.5	2.2	100.0	73.3	1.9	100.0	69.8	2.0
Maine	NA	NA	15.8	100.0	58.5	13.4	100.0	64.4	NA
Maryland	77.9	18.3	1.0	79.6	20.2	2.3	79.6	24.1	4.4
Massachusetts	98.7	27.2	25.4	98.6	36.3	26.1	98.6	38.3	27.6
Michigan	96.0	45.9	3.0	95.8	53.5	4.5	95.5	58.9	6.3
Minnesota	100.0	73.3	9.3	100.0	79.9	NA	100.0	88.6	15.4
Mississippi	100.0	67.3	7.7	NA	72.0	7.7	100.0	73.1	7.6
Missouri	100.0	56.7	7.9	100.0	58.4	10.4	100.0	79.7	10.4
Montana	99.7	33.8	0.9	99.7	51.5	1.4	99.8	56.2	2.3
Nebraska	89.8	38.2	5.2	87.6	46.1	5.6	86.2	52.4	6.9
Nevada	100.0	57.1	16.8	100.0	60.8	NA	100.0	68.7	24.4
New Hampshire	100.0	NA	NA	100.0	54.0	NA	100.0	58.6	NA
New Jersey	97.9	NA	NA	98.1	37.5	NA	97.7	38.6	NA
New Mexico	100.0	50.7	27.6	100.0	56.0	26.2	100.0	70.5	NA
New York	100.0	100.0	3.2	100.0	100.0	3.9	100.0	100.0	5.7
North Carolina	100.0	79.5	15.3	100.0	82.2	14.1	100.0	83.0	15.1
North Dakota	100.0	89.1	36.1	100.0	91.8	40.0	100.0	93.5	36.2
Ohio	100.0	100.0	0.6	100.0	100.0	0.6	100.0	100.0	0.8
Oklahoma	100.0	34.1	5.7	100.0	41.8	5.6	100.0	53.7	5.7
Oregon	100.0	93.9	18.1	100.0	94.2	18.4	100.0	96.0	21.3
Pennsylvania	87.8	25.9	0.5	87.5	35.1	0.8	87.5	NA	NA
Rhode Island	100.0	50.3	5.1	100.0	51.9	8.3	100.0	54.7	7.0
South Carolina	100.0	81.6	33.7	100.0	85.1	37.1	100.0	83.9	37.4
South Dakota	100.0	69.0	2.1	100.0	77.8	3.0	100.0	80.8	4.4
Tennessee	100.0	82.2	NA	100.0	85.4	25.2	100.0	88.9	24.0
Texas	99.6	62.1	28.2	99.5	62.3	29.2	99.5	65.1	27.8
Utah	100.0	51.5	2.6	100.0	55.3	2.5	100.0	68.1	2.6
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.5	48.1	12.8	87.5	53.3	12.8	87.1	54.0	11.7
Washington	100.0	87.1	NA	100.0	86.2	5.5	100.0	84.2	7.7
West Virginia	NA	29.6	2.7	100.0	41.0	3.4	100.0	49.0	2.8
Wisconsin	100.0	38.0	6.9	100.0	43.8	NA	100.0	64.7	15.0
Wyoming	70.0	51.5	0.6	70.1	54.8	NA	67.8	55.5	NA
<b>Total</b>	<b>96.6</b>	<b>57.5</b>	<b>12.4</b>	<b>96.2</b>	<b>60.7</b>	<b>13.0</b>	<b>96.5</b>	<b>65.1</b>	<b>12.9</b>

See footnotes at end of table.

**Table 24. Percentage of total deliveries included in residential, commercial, and industrial prices, by state, 2022-2024 – continued**

State or district	2023								
	March			February			January		
	Residential	Commercial	Industrial	Residential	Commercial	Industrial	Residential	Commercial	Industrial
Alabama	100.0	77.8	27.4	100.0	83.4	28.6	100.0	82.8	28.5
Alaska	100.0	99.6	85.2	100.0	99.6	86.9	100.0	99.6	88.3
Arizona	100.0	82.8	23.5	100.0	85.2	26.3	100.0	84.1	23.4
Arkansas	100.0	44.2	1.3	100.0	53.8	1.8	100.0	48.8	1.8
California	95.9	59.8	5.8	96.2	58.7	6.3	NA	NA	NA
Colorado	100.0	95.1	14.1	100.0	94.8	13.6	100.0	95.8	14.3
Connecticut	97.1	82.8	58.4	97.1	83.0	61.5	97.2	83.3	61.4
Delaware	100.0	54.2	0.3	100.0	58.3	0.4	100.0	57.5	1.1
District of Columbia	74.6	24.7	0.0	76.6	25.3	0.0	76.4	27.6	0.0
Florida	94.3	32.7	2.6	92.7	32.1	3.9	92.8	31.8	3.5
Georgia	100.0	100.0	20.5	100.0	100.0	24.9	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	83.5	4.4	100.0	84.6	4.2	100.0	84.7	4.5
Illinois	89.7	36.8	7.8	89.0	37.9	8.6	89.8	38.9	8.8
Indiana	96.6	73.3	2.6	96.8	72.5	2.9	96.5	73.3	3.4
Iowa	100.0	66.4	2.7	100.0	67.6	3.2	100.0	68.2	2.6
Kansas	100.0	57.9	4.3	100.0	65.6	NA	100.0	64.4	1.7
Kentucky	98.3	79.8	14.9	97.6	81.3	15.9	97.8	82.1	15.2
Louisiana	100.0	73.7	2.1	100.0	75.8	2.0	100.0	73.7	2.2
Maine	100.0	67.8	13.5	100.0	69.9	13.3	100.0	68.5	14.3
Maryland	80.7	28.3	NA	80.5	29.5	NA	80.0	28.7	5.8
Massachusetts	98.7	38.1	30.7	98.7	40.2	31.7	98.8	40.7	31.3
Michigan	96.0	66.8	9.2	95.9	66.9	9.7	95.6	66.3	9.5
Minnesota	100.0	89.7	17.9	100.0	90.0	19.4	100.0	90.5	17.7
Mississippi	100.0	78.8	9.1	100.0	79.5	8.9	100.0	81.2	9.3
Missouri	100.0	72.8	13.3	100.0	78.2	16.4	100.0	76.1	15.5
Montana	99.8	58.5	2.7	99.8	54.4	2.1	99.8	57.0	2.3
Nebraska	88.2	59.5	NA	87.4	59.1	NA	87.7	60.5	NA
Nevada	100.0	71.6	29.0	100.0	71.5	35.1	100.0	71.0	26.0
New Hampshire	100.0	62.1	NA	100.0	61.0	15.8	100.0	63.0	11.3
New Jersey	97.8	52.5	NA	97.7	48.4	NA	97.7	53.4	NA
New Mexico	100.0	67.1	NA	100.0	68.7	NA	100.0	72.0	26.9
New York	100.0	100.0	6.7	100.0	100.0	6.9	100.0	100.0	7.1
North Carolina	100.0	87.8	15.5	100.0	88.0	16.5	100.0	89.4	17.4
North Dakota	100.0	95.7	26.8	100.0	94.5	33.1	100.0	95.1	36.1
Ohio	100.0	100.0	0.9	100.0	100.0	1.0	100.0	100.0	1.0
Oklahoma	100.0	53.9	5.8	100.0	57.0	6.3	100.0	55.4	6.0
Oregon	100.0	96.5	21.3	100.0	96.7	20.7	100.0	96.8	21.8
Pennsylvania	88.8	38.4	1.6	88.7	NA	1.7	88.3	42.0	1.9
Rhode Island	100.0	57.8	8.8	100.0	57.0	7.4	100.0	58.6	7.3
South Carolina	100.0	87.0	36.1	100.0	87.5	38.6	100.0	NA	37.4
South Dakota	100.0	79.5	5.7	100.0	76.9	5.3	100.0	79.2	5.9
Tennessee	100.0	90.0	24.7	100.0	91.9	23.8	100.0	91.5	23.1
Texas	99.8	73.7	27.5	99.9	76.0	27.3	99.9	76.8	26.5
Utah	100.0	70.7	2.9	100.0	71.2	2.4	100.0	72.7	2.3
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.9	60.9	NA	89.3	61.5	12.1	89.9	NA	14.3
Washington	100.0	88.7	9.6	100.0	91.6	10.6	100.0	91.1	9.5
West Virginia	100.0	59.7	2.9	100.0	61.9	2.9	100.0	62.5	3.0
Wisconsin	100.0	67.4	17.7	100.0	70.2	17.4	97.4	72.7	19.4
Wyoming	67.4	56.5	NA	66.6	55.5	NA	66.8	56.1	NA
<b>Total</b>	<b>96.9</b>	<b>68.7</b>	<b>13.3</b>	<b>96.9</b>	<b>69.6</b>	<b>13.7</b>	<b>96.8</b>	<b>70.2</b>	<b>13.6</b>

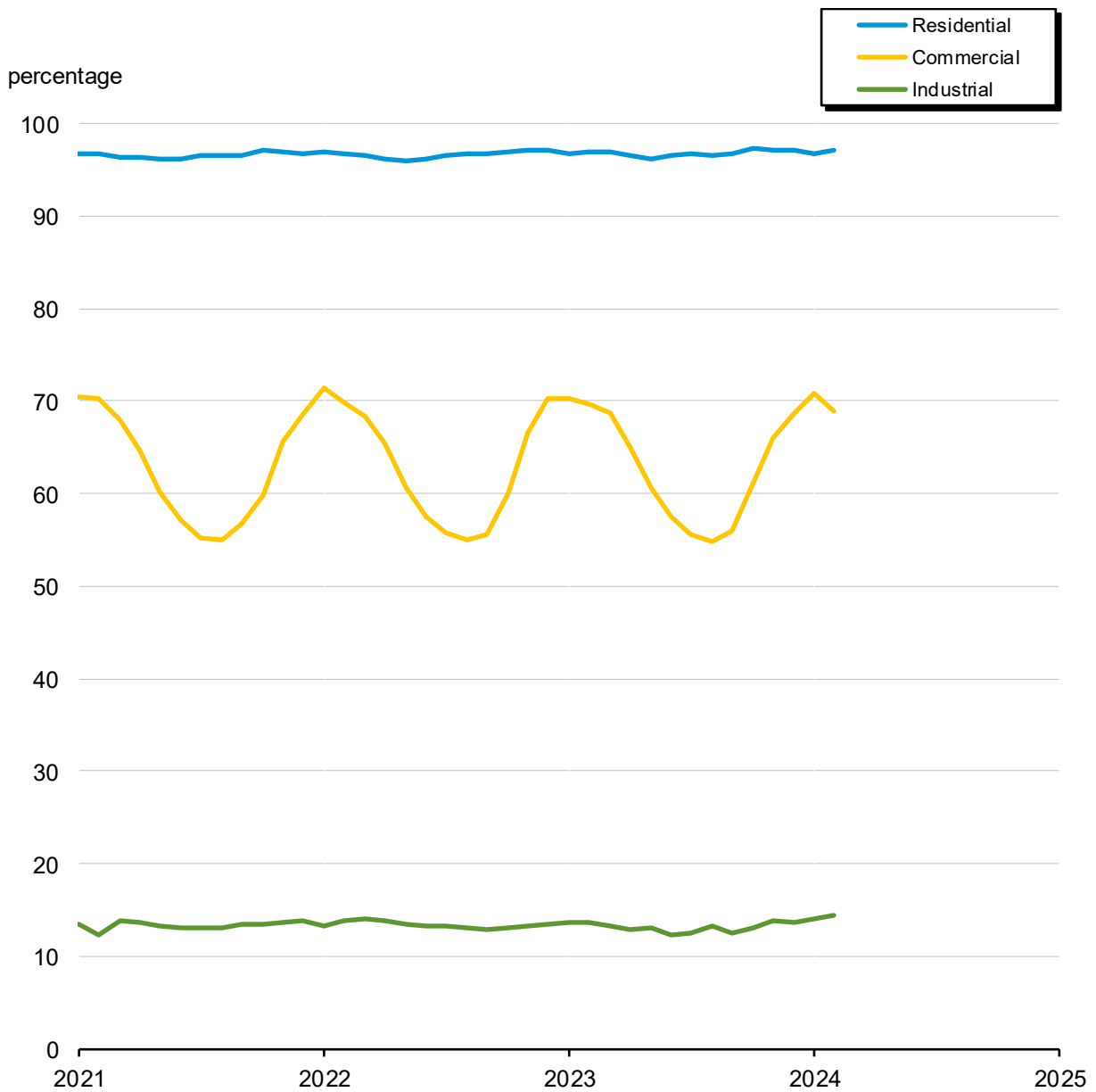
- Not applicable.

<sup>R</sup> Revised data.<sup>NA</sup> Not available.

**Source:** U.S. 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*.

**Note:** 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. Appendix C, *Statistical Considerations*, contains a discussion of the computation of natural gas prices.

Figure 6. Percentage of total deliveries included in residential, commercial, and industrial price estimates, 2021-2024



Sources: U.S. 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, 2022-2024

Btu per cubic foot

State or district	2024	2023	2022	2024		2023	
	2-month YTD	2-month YTD	2-month YTD	February	January	Total	December
Alabama	1,028	1,028	1,028	1,026	¥1,030	1,030	1,032
Alaska	1,005	992	986	1,006	¥1,004	996	1,001
Arizona	1,035	1,028	1,036	1,036	¥1,034	1,027	1,029
Arkansas	1,022	1,021	1,021	1,020	¥1,023	1,022	1,023
California	1,042	1,046	1,036	1,043	¥1,041	1,038	1,040
Colorado	1,046	1,045	1,054	1,047	¥1,045	1,050	1,045
Connecticut	1,030	1,031	1,032	1,031	¥1,030	1,030	1,030
Delaware	1,034	1,034	1,034	1,034	¥1,033	1,034	1,034
District of Columbia	1,035	1,039	1,041	1,034	¥1,036	1,035	1,035
Florida	1,028	1,026	1,025	1,027	¥1,029	1,024	1,028
Georgia	1,029	1,028	1,029	1,028	¥1,029	1,029	1,029
Hawaii	917	918	918	918	¥917	918	917
Idaho	1,021	1,029	1,019	1,018	¥1,024	1,023	1,023
Illinois	1,045	1,044	1,043	1,045	¥1,045	1,043	1,043
Indiana	1,053	1,045	1,052	1,049	¥1,057	1,051	1,056
Iowa	1,068	1,059	1,065	1,072	¥1,064	1,069	1,075
Kansas	1,037	1,036	1,034	1,034	¥1,039	1,033	1,037
Kentucky	1,049	1,045	1,048	1,048	¥1,049	1,046	1,053
Louisiana	1,019	1,016	1,017	1,019	¥1,020	1,017	1,017
Maine	1,048	1,045	1,049	1,045	¥1,050	1,042	1,045
Maryland	1,040	1,042	1,045	1,039	¥1,042	1,039	1,040
Massachusetts	1,033	1,032	1,032	1,033	¥1,032	1,030	1,030
Michigan	1,057	1,055	1,055	1,059	¥1,056	1,057	1,059
Minnesota	1,060	1,053	1,053	1,063	¥1,057	1,060	1,064
Mississippi	1,023	1,029	1,023	1,026	¥1,020	1,027	1,025
Missouri	1,024	1,022	1,021	1,023	¥1,024	1,022	1,023
Montana	1,059	1,058	1,049	1,059	¥1,059	1,057	1,061
Nebraska	1,053	1,044	1,049	1,054	¥1,053	1,053	1,052
Nevada	1,048	1,055	1,042	1,046	¥1,049	1,046	1,049
New Hampshire	1,040	1,035	1,038	1,035	¥1,044	1,032	1,034
New Jersey	1,041	1,041	1,050	1,041	¥1,041	1,038	1,041
New Mexico	1,028	1,028	1,029	1,030	¥1,027	1,026	1,023
New York	1,032	1,033	1,034	1,033	¥1,032	1,032	1,033
North Carolina	1,034	1,035	1,033	1,034	¥1,034	1,033	1,035
North Dakota	1,052	1,049	1,053	1,054	¥1,051	1,048	1,047
Ohio	1,066	1,065	1,069	1,066	¥1,066	1,065	1,067
Oklahoma	1,039	1,041	1,032	1,037	¥1,040	1,034	1,038
Oregon	1,070	1,069	1,065	1,071	¥1,069	1,067	1,066
Pennsylvania	1,037	1,038	1,037	1,037	¥1,037	1,037	1,037
Rhode Island	1,029	1,032	1,031	1,029	¥1,029	1,030	1,030
South Carolina	1,032	1,031	1,031	1,032	¥1,033	1,030	1,032
South Dakota	1,087	1,074	1,073	1,093	¥1,083	1,083	1,088
Tennessee	1,027	1,027	1,026	1,025	¥1,029	1,024	1,034
Texas	1,020	1,018	1,017	1,018	¥1,021	1,018	1,017
Utah	1,049	1,053	1,043	1,049	¥1,049	1,048	1,051
Vermont	1,046	1,045	1,043	1,046	¥1,047	1,043	1,045
Virginia	1,047	1,050	1,055	1,046	¥1,049	1,050	1,051
Washington	1,091	1,096	1,090	1,088	¥1,093	1,091	1,079
West Virginia	1,069	1,077	1,086	1,077	¥1,062	1,077	1,072
Wisconsin	1,048	1,047	1,048	1,046	¥1,050	1,044	1,048
Wyoming	1,067	1,059	1,061	1,070	¥1,064	1,060	1,068
<b>Total</b>	<b>1,039</b>	<b>1,039</b>	<b>1,038</b>	<b>1,039</b>	<b>¥1,039</b>	<b>1,036</b>	<b>1,038</b>

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2022-2024

Btu per cubic foot - continued

State or district	2023						
	November	October	September	August	July	June	May
Alabama	1,033	1,029	1,029	1,030	1,031	1,031	1,030
Alaska	998	997	997	997	998	999	999
Arizona	1,025	1,024	1,027	1,028	1,028	1,029	1,027
Arkansas	1,020	1,021	1,022	1,024	1,024	1,022	1,021
California	1,035	1,031	1,034	1,036	1,035	1,037	1,037
Colorado	1,045	1,042	1,066	1,063	1,068	1,060	1,051
Connecticut	1,030	1,030	1,029	1,029	1,030	1,029	1,029
Delaware	1,035	1,034	1,032	1,034	1,033	1,032	1,033
District of Columbia	1,035	1,032	1,026	1,025	1,025	1,025	1,030
Florida	1,024	1,023	1,022	1,023	1,025	1,025	1,022
Georgia	1,028	1,028	1,030	1,029	1,030	1,030	1,029
Hawaii	917	918	919	919	919	918	918
Idaho	1,023	1,022	1,015	1,013	1,012	1,030	1,049
Illinois	1,043	1,045	1,041	1,043	1,044	1,040	1,042
Indiana	1,058	1,063	1,061	1,061	1,050	1,046	1,051
Iowa	1,072	1,081	1,090	1,085	1,083	1,072	1,060
Kansas	1,032	1,030	1,034	1,035	1,035	1,030	1,025
Kentucky	1,054	1,051	1,044	1,040	1,041	1,042	1,046
Louisiana	1,017	1,018	1,018	1,019	1,018	1,017	1,021
Maine	1,043	1,040	1,040	1,043	1,043	1,039	1,039
Maryland	1,041	1,039	1,037	1,035	1,036	1,035	1,036
Massachusetts	1,030	1,029	1,029	1,029	1,030	1,029	1,029
Michigan	1,059	1,057	1,058	1,058	1,059	1,057	1,056
Minnesota	1,060	1,067	1,067	1,069	1,073	1,067	1,053
Mississippi	1,023	1,029	1,025	1,027	1,028	1,031	1,025
Missouri	1,020	1,023	1,026	1,023	1,023	1,023	1,021
Montana	1,066	1,063	1,062	1,051	1,049	1,049	1,054
Nebraska	1,054	1,061	1,066	1,066	1,071	1,059	1,054
Nevada	1,043	1,035	1,040	1,043	1,042	1,042	1,044
New Hampshire	1,033	1,029	1,030	1,030	1,033	1,030	1,030
New Jersey	1,040	1,038	1,037	1,035	1,034	1,034	1,037
New Mexico	1,023	1,023	1,026	1,027	1,027	1,024	1,027
New York	1,032	1,032	1,031	1,030	1,031	1,030	1,030
North Carolina	1,034	1,034	1,033	1,033	1,030	1,032	1,033
North Dakota	1,046	1,060	1,060	1,047	1,045	1,042	1,044
Ohio	1,067	1,066	1,063	1,061	1,061	1,064	1,065
Oklahoma	1,030	1,023	1,028	1,034	1,035	1,037	1,032
Oregon	1,070	1,061	1,062	1,058	1,060	1,070	1,089
Pennsylvania	1,037	1,037	1,037	1,036	1,036	1,035	1,035
Rhode Island	1,031	1,028	1,028	1,029	1,028	1,029	1,027
South Carolina	1,030	1,029	1,029	1,029	1,030	1,030	1,029
South Dakota	1,090	1,093	1,095	1,094	1,086	1,078	1,077
Tennessee	1,029	1,025	1,022	1,019	1,018	1,018	1,022
Texas	1,016	1,017	1,018	1,021	1,019	1,018	1,018
Utah	1,044	1,043	1,043	1,045	1,045	1,045	1,044
Vermont	1,045	1,039	1,040	1,044	1,042	1,039	1,039
Virginia	1,056	1,047	1,050	1,047	1,045	1,048	1,049
Washington	1,091	1,088	1,089	1,089	1,089	1,080	1,094
West Virginia	1,071	1,080	1,083	1,071	1,076	1,099	1,059
Wisconsin	1,048	1,040	1,039	1,044	1,042	1,040	1,038
Wyoming	1,064	1,059	1,060	1,060	1,061	1,056	1,051
<b>Total</b>	<b>1,037</b>	<b>1,035</b>	<b>1,034</b>	<b>1,035</b>	<b>1,035</b>	<b>1,034</b>	<b>1,034</b>

See footnotes at end of table.

Table 25. Heating value of natural gas consumed, by state, 2022-2024

Btu per cubic foot - continued

State or district	2023				2022		
	April	March	February	January	Total	December	November
Alabama	1,029	1,026	1,028	1,029	1,031	1,030	1,029
Alaska	995	995	992	992	984	993	985
Arizona	1,022	1,026	1,028	1,028	1,031	1,035	1,029
Arkansas	1,021	1,020	1,021	1,022	1,022	1,022	1,020
California	1,035	1,038	1,042	1,049	1,035	1,041	1,038
Colorado	1,049	1,044	1,046	1,044	1,054	1,051	1,046
Connecticut	1,029	1,031	1,031	1,031	1,030	1,031	1,030
Delaware	1,033	1,034	1,034	1,034	1,033	1,035	1,034
District of Columbia	1,036	1,040	1,040	1,038	1,034	1,040	1,034
Florida	1,021	1,023	1,024	1,028	1,025	1,028	1,025
Georgia	1,027	1,027	1,028	1,029	1,029	1,029	1,027
Hawaii	918	918	917	918	917	917	916
Idaho	1,025	1,016	1,025	1,031	1,024	1,033	1,021
Illinois	1,041	1,042	1,043	1,045	1,043	1,045	1,045
Indiana	1,043	1,041	1,043	1,046	1,052	1,048	1,049
Iowa	1,048	1,057	1,058	1,060	1,067	1,060	1,064
Kansas	1,028	1,032	1,034	1,039	1,033	1,038	1,038
Kentucky	1,047	1,041	1,046	1,044	1,048	1,043	1,044
Louisiana	1,015	1,014	1,015	1,016	1,019	1,021	1,016
Maine	1,038	1,044	1,046	1,044	1,043	1,048	1,037
Maryland	1,037	1,040	1,042	1,042	1,039	1,044	1,037
Massachusetts	1,029	1,029	1,032	1,031	1,030	1,031	1,030
Michigan	1,055	1,056	1,055	1,055	1,057	1,054	1,050
Minnesota	1,055	1,059	1,050	1,056	1,054	1,067	1,050
Mississippi	1,027	1,026	1,028	1,030	1,029	1,030	1,027
Missouri	1,021	1,020	1,022	1,022	1,022	1,023	1,024
Montana	1,054	1,053	1,053	1,066	1,051	1,056	1,052
Nebraska	1,045	1,046	1,043	1,046	1,057	1,042	1,049
Nevada	1,047	1,046	1,049	1,061	1,042	1,061	1,049
New Hampshire	1,031	1,032	1,036	1,034	1,034	1,036	1,032
New Jersey	1,036	1,041	1,041	1,042	1,038	1,040	1,038
New Mexico	1,025	1,023	1,027	1,029	1,031	1,032	1,030
New York	1,031	1,033	1,033	1,033	1,032	1,034	1,032
North Carolina	1,032	1,033	1,033	1,035	1,031	1,035	1,032
North Dakota	1,044	1,049	1,048	1,050	1,058	1,054	1,052
Ohio	1,066	1,066	1,064	1,065	1,066	1,066	1,066
Oklahoma	1,036	1,033	1,039	1,042	1,034	1,045	1,039
Oregon	1,069	1,067	1,072	1,067	1,066	1,064	1,061
Pennsylvania	1,037	1,038	1,038	1,038	1,037	1,038	1,036
Rhode Island	1,030	1,031	1,032	1,032	1,030	1,031	1,031
South Carolina	1,028	1,027	1,029	1,032	1,030	1,032	1,029
South Dakota	1,078	1,076	1,075	1,073	1,076	1,072	1,072
Tennessee	1,019	1,024	1,027	1,026	1,029	1,023	1,025
Texas	1,015	1,015	1,019	1,016	1,019	1,019	1,015
Utah	1,050	1,048	1,049	1,057	1,045	1,054	1,047
Vermont	1,039	1,044	1,046	1,044	1,042	1,048	1,040
Virginia	1,054	1,051	1,053	1,048	1,049	1,050	1,048
Washington	1,095	1,099	1,098	1,094	1,088	1,091	1,089
West Virginia	1,089	1,067	1,076	1,078	1,086	1,065	1,106
Wisconsin	1,040	1,039	1,046	1,049	1,046	1,053	1,046
Wyoming	1,061	1,062	1,058	1,060	1,058	1,060	1,059
<b>Total</b>	<b>1,035</b>	<b>1,036</b>	<b>1,038</b>	<b>1,039</b>	<b>1,036</b>	<b>1,041</b>	<b>1,036</b>

See footnotes at end of table.

**Table 25. Heating value of natural gas consumed, by state, 2022-2024**

Btu per cubic foot - continued

State or district	2022						
	October	September	August	July	June	May	April
Alabama	1,033	1,032	1,032	1,033	1,032	1,033	1,029
Alaska	985	975	972	974	979	985	984
Arizona	1,028	1,035	1,032	1,027	1,032	1,026	1,025
Arkansas	1,021	1,024	1,027	1,023	1,023	1,020	1,020
California	1,036	1,043	1,035	1,031	1,032	1,031	1,032
Colorado	1,057	1,068	1,066	1,062	1,062	1,057	1,053
Connecticut	1,029	1,029	1,029	1,029	1,029	1,028	1,030
Delaware	1,033	1,033	1,034	1,033	1,033	1,033	1,035
District of Columbia	1,030	1,030	1,030	1,029	1,027	1,028	1,037
Florida	1,027	1,025	1,027	1,024	1,026	1,026	1,024
Georgia	1,032	1,033	1,031	1,028	1,028	1,029	1,027
Hawaii	916	918	918	919	919	918	915
Idaho	1,018	1,020	1,019	1,025	1,026	1,025	1,030
Illinois	1,048	1,044	1,042	1,042	1,042	1,045	1,042
Indiana	1,056	1,060	1,058	1,059	1,055	1,055	1,052
Iowa	1,067	1,073	1,075	1,076	1,070	1,058	1,061
Kansas	1,035	1,039	1,038	1,033	1,035	1,034	1,031
Kentucky	1,050	1,047	1,044	1,046	1,046	1,046	1,047
Louisiana	1,020	1,024	1,019	1,017	1,017	1,017	1,015
Maine	1,040	1,043	1,040	1,037	1,038	1,045	1,042
Maryland	1,036	1,036	1,036	1,035	1,035	1,034	1,039
Massachusetts	1,031	1,028	1,029	1,029	1,029	1,029	1,028
Michigan	1,057	1,058	1,062	1,060	1,058	1,060	1,056
Minnesota	1,051	1,058	1,059	1,055	1,052	1,059	1,048
Mississippi	1,027	1,034	1,029	1,027	1,027	1,029	1,032
Missouri	1,025	1,026	1,026	1,022	1,023	1,021	1,020
Montana	1,046	1,054	1,053	1,046	1,051	1,052	1,043
Nebraska	1,056	1,059	1,063	1,071	1,069	1,057	1,054
Nevada	1,038	1,047	1,041	1,035	1,037	1,038	1,035
New Hampshire	1,030	1,030	1,031	1,031	1,032	1,034	1,031
New Jersey	1,036	1,036	1,036	1,036	1,038	1,038	1,039
New Mexico	1,029	1,035	1,041	1,033	1,029	1,029	1,033
New York	1,031	1,030	1,032	1,031	1,031	1,031	1,032
North Carolina	1,031	1,031	1,030	1,030	1,030	1,031	1,032
North Dakota	1,046	1,048	1,056	1,058	1,056	1,054	1,049
Ohio	1,066	1,062	1,060	1,060	1,062	1,064	1,066
Oklahoma	1,044	1,033	1,039	1,028	1,028	1,030	1,029
Oregon	1,055	1,069	1,066	1,067	1,064	1,069	1,071
Pennsylvania	1,036	1,035	1,035	1,035	1,035	1,035	1,037
Rhode Island	1,030	1,029	1,030	1,029	1,029	1,028	1,030
South Carolina	1,031	1,032	1,030	1,028	1,029	1,031	1,029
South Dakota	1,073	1,075	1,077	1,075	1,068	1,065	1,070
Tennessee	1,030	1,024	1,020	1,018	1,020	1,026	1,027
Texas	1,016	1,021	1,020	1,018	1,018	1,016	1,015
Utah	1,044	1,047	1,044	1,038	1,041	1,044	1,041
Vermont	1,039	1,043	1,040	1,037	1,038	1,038	1,046
Virginia	1,044	1,046	1,047	1,043	1,049	1,045	1,054
Washington	1,081	1,092	1,091	1,092	1,077	1,083	1,089
West Virginia	1,085	1,087	1,059	1,100	1,112	1,046	1,093
Wisconsin	1,043	1,044	1,042	1,044	1,042	1,043	1,045
Wyoming	1,058	1,061	1,065	1,060	1,061	1,063	1,060
<b>Total</b>	<b>1,036</b>	<b>1,036</b>	<b>1,035</b>	<b>1,033</b>	<b>1,033</b>	<b>1,034</b>	<b>1,035</b>

See footnotes at end of table.



**Table 25. Heating value of natural gas consumed, by state, 2022-2024**

Btu per cubic foot – continued

State or district	2022		
	March	February	January
Alabama	1,029	1,026	1,029
Alaska	990	987	985
Arizona	1,029	1,037	1,035
Arkansas	1,019	1,018	1,022
California	1,031	1,037	1,036
Colorado	1,049	1,052	1,056
Connecticut	1,030	1,032	1,032
Delaware	1,033	1,033	1,034
District of Columbia	1,039	1,041	1,041
Florida	1,025	1,025	1,025
Georgia	1,027	1,028	1,029
Hawaii	915	918	918
Idaho	1,030	1,017	1,020
Illinois	1,042	1,043	1,043
Indiana	1,049	1,052	1,052
Iowa	1,061	1,064	1,065
Kansas	1,029	1,035	1,034
Kentucky	1,056	1,048	1,048
Louisiana	1,018	1,017	1,018
Maine	1,043	1,049	1,050
Maryland	1,041	1,045	1,045
Massachusetts	1,030	1,032	1,033
Michigan	1,055	1,055	1,055
Minnesota	1,047	1,053	1,053
Mississippi	1,029	1,024	1,022
Missouri	1,020	1,021	1,021
Montana	1,048	1,049	1,049
Nebraska	1,050	1,050	1,049
Nevada	1,032	1,039	1,044
New Hampshire	1,032	1,036	1,041
New Jersey	1,046	1,049	1,052
New Mexico	1,029	1,031	1,028
New York	1,033	1,034	1,033
North Carolina	1,033	1,033	1,033
North Dakota	1,061	1,051	1,054
Ohio	1,067	1,068	1,069
Oklahoma	1,026	1,031	1,034
Oregon	1,070	1,069	1,062
Pennsylvania	1,038	1,037	1,036
Rhode Island	1,028	1,031	1,032
South Carolina	1,029	1,030	1,031
South Dakota	1,074	1,074	1,073
Tennessee	1,027	1,027	1,025
Texas	1,015	1,017	1,016
Utah	1,037	1,041	1,044
Vermont	1,044	1,048	1,038
Virginia	1,054	1,052	1,057
Washington	1,090	1,091	1,089
West Virginia	1,089	1,091	1,082
Wisconsin	1,045	1,049	1,047
Wyoming	1,055	1,059	1,062
<b>Total</b>	<b>1,036</b>	<b>1,038</b>	<b>1,038</b>

<sup>R</sup> Revised data.

**Source:** U.S. 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*.

**Note:** 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. Appendix A, Explanatory Note 11, contains further information.

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

Month/year/type of data	New England	Middle Atlantic	East North Central	West North Central	South Atlantic
	CT, ME, MA, NH, RI, VT	NJ, NY, PA	IL, IN, MI, OH, WI	IA, KS, MN, MO, ND, NE, SD	DE, FL, GA, MD, DC, NC, SC, VA, WV
<b>November</b>					
Normal	703	665	758	841	442
2022	606	571	702	846	396
2023	766	689	737	754	455
% Diff (normal to 2023)	9.0	3.6	-2.8	-10.3	2.9
% Diff (2022 to 2023)	26.4	20.7	5.0	-10.9	14.9
<b>December</b>					
Normal	1,044	994	1,136	1,250	700
2022	994	1,040	1,121	1,293	726
2023	856	844	854	920	598
% Diff (normal to 2023)	-18.0	-15.1	-24.8	-26.4	-14.6
% Diff (2022 to 2023)	-13.9	-18.9	-23.8	-28.9	-17.6
<b>January</b>					
Normal	1,209	1,155	1,304	1,392	803
2023	913	846	1,009	1,199	590
2024	1,082	1,053	1,201	1,341	757
% Diff (normal to 2024)	-10.5	-8.8	-7.9	-3.7	-5.7
% Diff (2023 to 2024)	18.5	24.5	19.0	11.8	28.3
<b>February</b>					
Normal	1,064	1,012	1,095	1,113	657
2023	950	841	942	1,102	449
2024	946	895	833	806	549
% Diff (normal to 2024)	-11.1	-11.6	-23.9	-27.6	-16.4
% Diff (2023 to 2024)	-0.4	6.4	-11.6	-26.9	22.3
<b>March</b>					
Normal	888	823	865	859	484
2023	833	784	858	964	448
2024	762	708	712	755	378
% Diff (normal to 2024)	-14.2	-14.0	-17.7	-12.1	-21.9
% Diff (2023 to 2024)	-8.5	-9.7	-17.0	-21.7	-15.6
<b>November to March</b>					
Normal	4,908	4,649	5,158	5,455	3,086
2023	4,296	4,082	4,632	5,404	2,609
2024	4,412	4,189	4,337	4,576	2,737
% Diff (normal to 2024)	-10.1	-9.9	-15.9	-16.1	-11.3
% Diff (2023 to 2024)	2.7	2.6	-6.4	-15.3	4.9

See footnotes at end of table.

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

Month/year/type of data	East South Central	West South Central	Mountain	Pacific <sup>b</sup>	U.S. Average <sup>b</sup>
	AL, KY, MS, TN	AR, LA, OK, TX	AZ, CO, ID, MT, NV, NM, UT, WY	CA, OR, WA	
<b>November</b>					
Normal	454	305	739	366	589
2022	450	358	838	436	579
2023	431	303	674	306	567
% Diff (normal to 2023)	-5.1	-0.7	-8.8	-16.4	-3.7
% Diff (2022 to 2023)	-4.2	-15.4	-19.6	-29.8	-2.1
<b>December</b>					
Normal	722	537	999	531	884
2022	686	519	1,033	584	900
2023	604	437	877	426	707
% Diff (normal to 2023)	-16.3	-18.6	-12.2	-19.8	-20.0
% Diff (2022 to 2023)	-12.0	-15.8	-15.1	-27.1	-21.4
<b>January</b>					
Normal	829	612	1,025	532	991
2023	584	452	1,055	589	811
2024	866	688	1,013	519	944
% Diff (normal to 2024)	4.5	12.4	-1.2	-2.4	-4.7
% Diff (2023 to 2024)	48.3	52.2	-4.0	-11.9	16.4
<b>February</b>					
Normal	650	442	828	427	818
2023	457	407	964	570	753
2024	484	311	795	484	684
% Diff (normal to 2024)	-25.5	-29.6	-4.0	13.4	-16.4
% Diff (2023 to 2024)	5.9	-23.6	-17.5	-15.1	-9.2
<b>March</b>					
Normal	459	275	695	393	649
2023	422	246	871	575	686
2024	354	212	732	458	575
% Diff (normal to 2024)	-22.9	-22.9	5.3	16.5	-11.4
% Diff (2023 to 2024)	-16.1	-13.8	-16.0	-20.4	-16.2
<b>November to March</b>					
Normal	3,114	2,171	4,286	2,249	3,931
2023	2,599	1,982	4,761	2,754	3,729
2024	2,739	1,951	4,091	2,193	3,477
% Diff (normal to 2024)	-12.0	-10.1	-4.6	-2.5	-11.6
% Diff (2023 to 2024)	5.4	-1.6	-14.1	-20.4	-6.8

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

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

Source: National Oceanic and Atmospheric Administration.

Note: Appendix A, Explanatory Note 10, contains a discussion of heating degree days computations.

## Appendix A

### Explanatory Notes

The U.S. 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 and Carbon Management
Additions to storage	Reported on Form EIA-191
Exports	Derived from the Office of Fossil Energy and Carbon Management
Current-month consumption	Reported on Form EIA-857, Form EIA-923, and other sources below
<b>Consumption by sector</b>	
Lease and plant fuel	Derived from marketed production
Pipeline and distribution use	Derived from deliveries to consumers
Residential	Estimated from sample data reported on Form EIA-857
Commercial	Estimated from sample data reported on Form EIA-857
Industrial	Estimated from sample data reported on Form EIA-857
Electric power	Estimated from sample data reported on Form EIA-923
Vehicle fuel	EIA computations

### Note 1. Production

#### *Monthly data*

Estimates of gross withdrawals and marketed production for the Lower 48 states are derived from submissions by well operators on the monthly Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*. For 2022 forward, volumes are available only for those states/areas that were collected

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

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

### ***Annual data***

Natural gas production data (gross withdrawals, gas vented and flared, repressuring, nonhydrocarbon gases removed, fuel used on leases, and marketed production) were obtained directly from the state agencies where available, or, in some cases, from EIA-914 estimates, state sponsored public record databases, or commercial data vendors such as Enverus DrillingInfo or IHS Markit. Production data for the Federal Gulf of Mexico region are provided by the U.S. Bureau of Safety and Environmental Enforcement (BSEE). Federal Offshore Pacific production, currently allocated to California, is also collected from BSEE.

## **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 and Carbon Management, 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 2019 through 2022 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 these five 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 Refinitiv, an LSEG business, 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.

## Appendix B

### Data Sources

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The data in this publication are taken from survey reports collected by the U.S. Energy Information Administration (EIA), the Federal Energy Regulatory Commission (FERC), and the Office of Fossil Energy and Carbon Management 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 and Carbon Management 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 and Carbon Management 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 2024 for report year 2023 totaled approximately 2,140 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 IHS Markit. 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, IHS Markit, 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 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. 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 Crude Oil and Lease Condensate, and 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 Energy Production, Conversion, and Delivery. 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 140 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 and Carbon Management, 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 and Carbon Management 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 and Carbon Management. 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 288 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 176 natural gas marketers currently report to the survey. Final monthly survey response rates are 100 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.



## 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*. (Appendix B, “Data Sources,” describes 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 of 288 respondents in use for 2023 and 2024 was selected from a universe of 2,098 companies. These companies were respondents to the Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*, for reporting year 2022, who reported sales or deliveries to consumers in the residential, commercial, or industrial sectors. (Appendix B contains 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 300 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). Form EIA-910 is described in detail in Appendix B, "Data Sources."

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),

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

$V_{m_s}$  = 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, February 2024

State or district	Volume				Price		
	Relative standard error (percent)				(dollars per thousand cubic feet)		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	0.8	1.3	2.0	1.5	0.20	0.20	0.34
Alaska	0.5	0.6	0.0	0.2	0.03	0.09	0.00
Arizona	1.8	1.1	2.8	1.1	0.48	0.37	0.34
Arkansas	3.7	3.1	0.8	1.4	0.43	0.48	0.45
California	0.5	0.6	1.0	0.5	0.24	0.33	0.49
Colorado	0.7	0.3	0.6	0.4	0.13	0.12	0.05
Connecticut	0.2	0.4	0.8	0.2	0.06	0.02	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	1.8	0.9	9.0	4.9	0.74	0.88	NA
Georgia	0.0	0.0	1.1	0.0	0.04	0.14	0.25
Hawaii	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Idaho	0.2	0.3	0.1	0.1	0.06	0.09	0.00
Illinois	0.5	0.6	1.4	0.5	0.11	0.13	NA
Indiana	1.4	1.3	0.6	0.6	0.13	0.14	0.96
Iowa	1.3	0.3	2.6	1.6	0.22	0.19	0.34
Kansas	6.1	2.5	4.2	2.9	0.74	0.69	NA
Kentucky	0.9	1.0	0.9	0.6	0.21	0.30	0.25
Louisiana	1.0	2.6	1.6	1.5	0.69	0.52	0.38
Maine	3.3	5.3	9.6	5.4	0.21	0.11	0.00
Maryland	0.3	0.6	1.6	0.3	0.32	0.44	0.32
Massachusetts	1.1	0.5	0.8	0.6	0.12	0.11	0.10
Michigan	0.8	1.0	1.3	0.6	0.10	0.12	0.35
Minnesota	0.6	0.9	2.6	0.9	0.20	0.18	0.49
Mississippi	2.3	2.5	3.3	2.3	0.41	0.29	0.50
Missouri	0.7	0.8	5.4	1.2	0.11	0.16	0.43
Montana	0.4	0.5	0.0	0.2	0.04	0.07	0.00
Nebraska	2.3	1.7	8.0	3.8	0.10	0.11	0.44
Nevada	0.0	0.3	9.3	1.2	0.00	0.00	0.00
New Hampshire	0.0	0.0	NA	NA	0.00	0.00	0.00
New Jersey	0.5	0.7	NA	NA	0.03	0.06	0.03
New Mexico	3.7	0.5	7.1	2.1	0.02	0.06	0.78
New York	0.0	0.0	1.6	0.0	0.02	0.07	0.41
North Carolina	0.7	0.6	0.8	0.4	0.07	0.08	0.11
North Dakota	0.5	0.3	2.1	1.0	0.03	0.04	0.18
Ohio	0.0	0.0	2.9	0.0	0.03	0.01	NA
Oklahoma	2.8	3.6	0.8	1.0	0.05	0.04	0.20
Oregon	0.0	0.0	1.4	0.5	0.00	0.00	NA
Pennsylvania	1.0	1.0	6.1	1.7	0.19	NA	0.21
Rhode Island	0.0	0.0	0.0	0.0	0.00	0.00	0.00
South Carolina	2.1	1.9	2.1	1.3	0.36	0.13	0.17
South Dakota	1.5	1.2	1.3	0.8	0.18	0.16	0.17
Tennessee	NA	NA	NA	NA	NA	NA	NA
Texas	1.9	2.3	1.4	1.1	0.45	0.22	0.06
Utah	0.3	0.1	0.1	0.2	0.00	0.00	0.27
Vermont	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Virginia	1.3	1.4	5.6	1.7	0.19	0.07	0.17
Washington	0.6	0.9	1.4	0.5	0.13	0.12	0.13
West Virginia	NA	NA	NA	NA	NA	NA	NA
Wisconsin	2.0	2.4	1.8	1.2	0.27	0.18	0.09
Wyoming	0.9	0.5	4.7	2.8	0.70	0.80	0.11
<b>Total</b>	<b>0.2</b>	<b>0.2</b>	<b>0.5</b>	<b>0.2</b>	<b>0.04</b>	<b>0.03</b>	<b>0.05</b>

NA Not available.

Source: U.S. 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 subsurface 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 natural 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).

**British thermal units per cubic foot:** The total heating value, expressed in British thermal units, produced by the combustion, at constant pressure, of the amount of the gas that would occupy the volume of 1 cubic foot at a temperature of 60°F if saturated with water vapor and under a pressure equivalent to that of 30 inches of mercury at 32°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 natural gas distribution company receives natural gas from a pipeline company or transmission system.

**Commercial consumption:** Natural gas used by local, state, and federal nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, and wholesale and retail stores and other service enterprises; and natural 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 subsurface 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 the volume returned to reservoirs in cycling, repressuring of oil reservoirs, and conservation operations as well as natural gas vented and flared. Processing losses include nonhydrocarbon gases (for example, water vapor, carbon dioxide, helium, hydrogen sulfide, and nitrogen) removed from the natural gas stream as well as natural gas converted to liquid form, such as lease condensate and plant liquids. We do not consider volumes of dry natural gas withdrawn from natural gas storage reservoirs as part of production. Dry natural gas production equals marketed production minus natural gas plant liquids production.

**Electric power consumption:** Natural 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. These facilities are categorized under code 22 according to the North American Industry Classification System.

**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. EIA identifies natural gas wells using a natural gas/oil ratio (GOR) of 6,000 cf/b. Wells with a GOR greater than 6,000 are labeled natural gas wells while a GOR of 6,000 or less are labeled oil wells.

**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 consumers in manufacturing, mining or other mineral extraction, agriculture, forestry, and fisheries. Also included in industrial consumption are generators that produce electricity or useful thermal output primarily to support the previously mentioned industrial activities.

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

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

**Lease and plant fuel:** Natural gas used in well, field, lease operations (such as natural 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°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 natural 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). In recent years, the sale of natural gas and/or delivery arrangements is more commonly handled by other agents, such as producers, brokers, and marketers that are referred to as *non-LDC*.

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

**Native gas:** Natural 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 but mostly methane. EIA measures wet natural gas and its two sources of production (associated, or 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 LDCs, 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 an LDC, 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 an LDC.

**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 natural 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 to compare 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:** Natural gas consumed in the operation of pipelines, primarily in compressors.

**Repressuring:** The injection of natural gas into oil or natural gas formations to enhance ultimate recovery.

**Residential consumption:** Natural 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 natural gas injected or otherwise added to underground natural gas reservoirs or liquefied natural gas storage.

**Storage withdrawals:** Total volume of natural 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, or air injected for British thermal unit stabilization. It also refers to manufactured gas commingled and distributed with natural gas.

**Underground natural 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 natural 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.