

# Natural Gas Monthly

## November 2004

**Energy Information Administration**  
Office of Oil and Gas  
U.S. Department of Energy  
Washington, DC 20585

## Natural Gas Publications and Databases Available Electronically

All of the natural gas publications are available electronically on the EIA website. Certain natural gas data are also provided in database formats on the web site. The table below is a guide to the major natural gas products.

<b>Product</b>	<b>Format</b>	<b>Contents</b>
<b><u>Publications</u></b>		
<i>Weekly Natural Gas Storage Report</i>	HTML	Weekly estimates of natural gas in underground storage for the U.S. and three regions of the U.S.
<i>Natural Gas Weekly Update</i>	PDF	Analysis of current price, supply and storage data
<i>Natural Gas Monthly</i>	PDF, HTML, XLS	Monthly supply, disposition, and price data
<i>Natural Gas Annual</i>	PDF, XLS	Annual supply, disposition, and price data
<i>U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves</i>	PDF, HTML	Proved reserves in the United States
<i>Oil and Gas Field Code Master List</i>	PDF	Listing of U.S. oil and gas field names
<b><u>Databases</u></b>		
Monthly Data	TXT	Tables 1-6, and 9 from the <i>Natural Gas Monthly</i>
Historical Monthly Data	EXE	Consumption and price data, 1984-present
Annual Data	XLS, TXT	Data from the <i>Natural Gas Annual</i>
Historical Annual Data	XLS, TXT	Data from the <i>Historical Natural Gas Annual</i>
Field Codes	EXE	Oil & Gas Field Code Master List
<b><u>Applications</u></b>		
EIA-176 Query System	EXE	Company filings to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

PDF files are image files that can be viewed through Adobe Acrobat.

XLS (Excel) files are in spreadsheet format and are viewable and downloadable to the user's PC.

TXT files are ASCII text. They may be replications of published tables, including table titles, column and row identification, or they may be flat files with a minimum of content description suitable for input to spreadsheets or other programs.

EXE files are executables that can be downloaded then opened. Databases are distributed as self-executing Zipped archives which spawn numerous data files and documentation. Applications are distributed as self-executing Zipped archives which initially generate numerous files and then form an application which is installed on the user's PC.

## Preface

The *Natural Gas Monthly* (NGM) is prepared in the Natural Gas Division, Office of Oil and Gas, Energy Information Administration (EIA), U.S. Department of Energy (DOE), under the direction of Elizabeth Campbell.

General questions and comments regarding the NGM may be referred to Roy Kass (202) 586-4790. Specific technical questions may be referred to the appropriate persons listed in Appendix D.

The 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. From time to time, the NGM features articles designed to assist readers in using and interpreting natural gas information.

The data in this publication are collected on surveys conducted by the EIA to fulfill its responsibilities for gathering and reporting energy data. Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE, which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. Geographic coverage is the 50 States and the District of Columbia.

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

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

## Common Abbreviations Used in the Natural Gas Monthly

AGA	American Gas Association	Mcf	Thousand cubic feet
Bcf	Billion cubic feet	MMBtu	Million British thermal units
DOE	U.S. Department of Energy	MMcf	Million cubic feet
EIA	Energy Information Administration, U.S. Department of Energy	MMS	Minerals Management Service, U.S. Department of the Interior
FERC	Federal Energy Regulatory Commission	OCS	Outer Continental Shelf
IOGCC	Interstate Oil and Gas Compact Commission	Tcf	Trillion cubic feet
LNG	Liquefied natural gas		

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# Highlights

This issue of the *Natural Gas Monthly (NGM)* contains state and national-level estimates of natural gas volume and price data through September 2004, although electric power prices are available through July 2004.

Recent analyses of the natural gas industry are available on the EIA web site, [www.eia.doe.gov](http://www.eia.doe.gov), under "Featured Topics" to the right side of the home page. The first two reports listed below 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 three regions of the United States released each Thursday at 10:30 a.m. at the EIA Web site, except for certain weeks with Federal holidays. The report, first released on May 9, 2002, 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 Survey," 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.
- *Short-Term Energy Outlook* -- projections of energy consumption, supply, and price by type of fuel, including natural gas, for the next 18 months.

Other natural gas data and analyses may be found through the "Natural Gas" section of EIA's web site. In the center section of the home page, the user should place the cursor on "By Fuel," then click on "Natural Gas" in the drop-down menu.

**Table 1. Summary of Natural Gas Production in the United States, 1999-2004**  
(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed <sup>a</sup>	Vented and Flared	Marketed Production (Wet)	Extraction Loss <sup>b</sup>	Dry Gas Production <sup>c</sup>
<b>1999 Total</b> .....	<b>23,823</b>	<b>3,293</b>	<b>615</b>	<b>110</b>	<b>19,805</b>	<b>973</b>	<b>18,832</b>
<b>2000 Total</b> .....	<b>24,174</b>	<b>3,380</b>	<b>505</b>	<b>91</b>	<b>20,198</b>	<b>1,016</b>	<b>19,182</b>
<b>2001 Total</b> .....	<b>24,501</b>	<b>3,371</b>	<b>463</b>	<b>97</b>	<b>20,570</b>	<b>954</b>	<b>19,616</b>
<b>2002</b>							
January .....	2,062	305	43	9	1,705	82	1,623
February .....	1,864	289	39	7	1,528	73	1,455
March .....	2,066	308	44	8	1,706	82	1,624
April .....	1,986	284	43	8	1,652	79	1,573
May .....	2,030	264	44	8	1,713	82	1,631
June .....	1,969	270	43	8	1,648	79	1,569
July .....	2,038	266	44	8	1,720	83	1,638
August .....	2,023	281	44	9	1,688	81	1,607
September .....	1,918	279	43	8	1,588	76	1,511
October .....	1,982	302	37	8	1,636	78	1,558
November .....	1,987	298	39	8	1,642	79	1,563
December .....	2,052	309	40	10	1,693	81	1,612
<b>Total</b> .....	<b>23,977</b>	<b>3,455</b>	<b>502</b>	<b>99</b>	<b>19,921</b>	<b>957</b>	<b>18,964</b>
<b>2003</b>							
January .....	<sup>E</sup> 2,095	<sup>E</sup> 333	<sup>E</sup> 33	<sup>E</sup> 9	<sup>E</sup> 1,721	<sup>E</sup> 83	<sup>E</sup> 1,638
February .....	<sup>E</sup> 1,905	<sup>E</sup> 310	<sup>E</sup> 30	<sup>E</sup> 8	<sup>E</sup> 1,558	<sup>E</sup> 75	<sup>E</sup> 1,483
March .....	<sup>E</sup> 2,115	<sup>E</sup> 331	<sup>E</sup> 32	<sup>E</sup> 9	<sup>E</sup> 1,743	<sup>E</sup> 84	<sup>E</sup> 1,660
April .....	<sup>E</sup> 1,999	<sup>E</sup> 307	<sup>E</sup> 30	<sup>E</sup> 8	<sup>E</sup> 1,654	<sup>E</sup> 79	<sup>E</sup> 1,574
May .....	<sup>E</sup> 2,042	<sup>E</sup> 302	<sup>E</sup> 30	<sup>E</sup> 9	<sup>E</sup> 1,701	<sup>E</sup> 82	<sup>E</sup> 1,620
June .....	<sup>E</sup> 1,973	<sup>E</sup> 297	<sup>E</sup> 31	<sup>E</sup> 7	<sup>E</sup> 1,637	<sup>E</sup> 79	<sup>E</sup> 1,558
July .....	<sup>E</sup> 2,014	<sup>E</sup> 287	<sup>E</sup> 32	<sup>E</sup> 8	<sup>E</sup> 1,687	<sup>E</sup> 81	<sup>E</sup> 1,606
August .....	<sup>E</sup> 2,027	<sup>E</sup> 302	<sup>E</sup> 33	<sup>E</sup> 8	<sup>E</sup> 1,684	<sup>E</sup> 81	<sup>E</sup> 1,604
September .....	<sup>E</sup> 1,981	<sup>E</sup> 294	<sup>E</sup> 32	<sup>E</sup> 8	<sup>E</sup> 1,647	<sup>E</sup> 79	<sup>E</sup> 1,568
October .....	<sup>E</sup> 2,044	<sup>E</sup> 316	<sup>E</sup> 34	<sup>E</sup> 8	<sup>E</sup> 1,686	<sup>E</sup> 81	<sup>E</sup> 1,605
November .....	<sup>E</sup> 1,977	<sup>E</sup> 314	<sup>E</sup> 33	<sup>E</sup> 7	<sup>E</sup> 1,622	<sup>E</sup> 78	<sup>E</sup> 1,544
December .....	<sup>E</sup> 2,072	<sup>E</sup> 341	<sup>E</sup> 34	<sup>E</sup> 8	<sup>E</sup> 1,690	<sup>E</sup> 81	<sup>E</sup> 1,609
<b>Total</b> .....	<b><sup>E</sup>24,243</b>	<b><sup>E</sup>3,735</b>	<b><sup>E</sup>384</b>	<b><sup>E</sup>95</b>	<b><sup>E</sup>20,030</b>	<b><sup>E</sup>962</b>	<b><sup>E</sup>19,068</b>
<b>2004</b>							
January .....	<sup>E</sup> 2,095	<sup>E</sup> 344	<sup>E</sup> 34	<sup>E</sup> 8	<sup>E</sup> 1,709	<sup>E</sup> 82	<sup>E</sup> 1,627
February .....	<sup>E</sup> 1,950	<sup>E</sup> 323	<sup>E</sup> 32	<sup>E</sup> 7	<sup>E</sup> 1,588	<sup>E</sup> 76	<sup>E</sup> 1,512
March .....	<sup>E</sup> 2,090	<sup>E</sup> 349	<sup>E</sup> 34	<sup>E</sup> 8	<sup>E</sup> 1,698	<sup>E</sup> 82	<sup>E</sup> 1,617
April .....	<sup>E</sup> 1,999	<sup>E</sup> 325	<sup>E</sup> 33	<sup>E</sup> 8	<sup>E</sup> 1,634	<sup>E</sup> 78	<sup>E</sup> 1,555
May .....	<sup>E</sup> 2,027	<sup>E</sup> 329	<sup>E</sup> 34	<sup>E</sup> 8	<sup>E</sup> 1,656	<sup>E</sup> 80	<sup>RE</sup> 1,577
June .....	<sup>E</sup> 1,934	<sup>E</sup> 292	<sup>E</sup> 33	<sup>E</sup> 8	<sup>RE</sup> 1,601	<sup>E</sup> 77	<sup>RE</sup> 1,524
July .....	<sup>RE</sup> 1,976	<sup>RE</sup> 284	<sup>RE</sup> 32	<sup>E</sup> 8	<sup>RE</sup> 1,652	<sup>RE</sup> 79	<sup>RE</sup> 1,573
August .....	<sup>RE</sup> 2,038	<sup>RE</sup> 311	<sup>E</sup> 34	<sup>E</sup> 8	<sup>E</sup> 1,685	<sup>E</sup> 81	<sup>E</sup> 1,604
September .....	<sup>E</sup> 1,892	<sup>E</sup> 282	<sup>E</sup> 31	<sup>E</sup> 8	<sup>E</sup> 1,571	<sup>E</sup> 75	<sup>E</sup> 1,496
<b>2004 YTD</b> .....	<b><sup>E</sup>18,001</b>	<b><sup>E</sup>2,839</b>	<b><sup>E</sup>297</b>	<b><sup>E</sup>71</b>	<b><sup>E</sup>14,795</b>	<b><sup>E</sup>711</b>	<b><sup>E</sup>14,085</b>
<b>2003 YTD</b> .....	<b><sup>E</sup>18,151</b>	<b><sup>E</sup>2,763</b>	<b><sup>E</sup>283</b>	<b><sup>E</sup>72</b>	<b><sup>E</sup>15,031</b>	<b><sup>E</sup>722</b>	<b><sup>E</sup>14,309</b>
<b>2002 YTD</b> .....	<b>17,956</b>	<b>2,547</b>	<b>386</b>	<b>74</b>	<b>14,950</b>	<b>718</b>	<b>14,231</b>

<sup>a</sup> See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

<sup>b</sup> Extraction loss is collected only on an annual basis. Monthly extraction loss is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

<sup>c</sup> Equal to marketed production (wet) minus extraction loss.

<sup>E</sup> Estimated Data.

<sup>RE</sup> Revised Estimated Data.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary

unless otherwise indicated and contain estimates for selected States (see Table 7). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

**Sources:** 1999-2002: Energy Information Administration (EIA), *Natural Gas Annual 2002*. January 2003 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and EIA estimates. See Appendix A, Explanatory Notes 1, 2, and 3, for discussion of computation and estimation procedures and revision policies.

**Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1999-2004**  
(Billion Cubic Feet)

Year and Month	Dry Gas Production	Supplemental Gaseous Fuels <sup>a</sup>	Net Imports	Net Storage Withdrawals <sup>b</sup>	Balancing Item <sup>c</sup>	Consumption <sup>d</sup>
<b>1999 Total</b> .....	<b>18,832</b>	<b>98</b>	<b>3,422</b>	<b>172</b>	<b>-119</b>	<b>22,405</b>
<b>2000 Total</b> .....	<b>19,182</b>	<b>90</b>	<b>3,538</b>	<b>829</b>	<b>-305</b>	<b>23,333</b>
<b>2001 Total</b> .....	<b>19,616</b>	<b>86</b>	<b>3,604</b>	<b>-1,166</b>	<b>99</b>	<b>22,239</b>
<b>2002</b>						
January .....	1,623	6	309	558	-8	2,488
February .....	1,455	6	276	474	34	2,243
March .....	1,624	6	294	327	9	2,260
April .....	1,573	5	276	-129	156	1,881
May .....	1,631	5	280	-330	26	1,612
June .....	1,569	5	273	-350	94	1,591
July .....	1,638	6	300	-248	54	1,749
August .....	1,607	6	310	-242	44	1,725
September .....	1,511	5	289	-276	13	1,543
October .....	1,558	6	301	-89	-132	1,643
November .....	1,563	6	276	202	-137	1,911
December .....	1,612	7	316	572	-133	2,373
<b>Total</b> .....	<b>18,964</b>	<b>68</b>	<b>3,499</b>	<b>468</b>	<b>19</b>	<b>23,018</b>
<b>2003</b>						
January .....	<sup>E</sup> 1,638	<sup>E</sup> 6	305	841	<sup>R</sup> -118	<sup>R</sup> 2,673
February .....	<sup>E</sup> 1,483	<sup>E</sup> 6	255	676	<sup>R</sup> 65	<sup>R</sup> 2,485
March .....	<sup>E</sup> 1,660	<sup>E</sup> 5	275	136	<sup>R</sup> 101	<sup>R</sup> 2,176
April .....	<sup>E</sup> 1,574	<sup>E</sup> 4	266	-158	<sup>R</sup> 27	<sup>R</sup> 1,713
May .....	<sup>E</sup> 1,620	<sup>E</sup> 6	277	-412	6	1,497
June .....	<sup>E</sup> 1,558	<sup>E</sup> 5	256	-470	-12	1,337
July .....	<sup>E</sup> 1,606	<sup>E</sup> 6	296	-361	28	<sup>R</sup> 1,573
August .....	<sup>E</sup> 1,604	<sup>E</sup> 6	286	-309	<sup>R</sup> 23	<sup>R</sup> 1,609
September .....	<sup>E</sup> 1,568	<sup>E</sup> 5	271	-411	<sup>R</sup> -51	<sup>R</sup> 1,382
October .....	<sup>E</sup> 1,605	<sup>E</sup> 5	275	-284	<sup>R</sup> -74	<sup>R</sup> 1,528
November .....	<sup>E</sup> 1,544	<sup>E</sup> 6	251	86	<sup>R</sup> -160	<sup>R</sup> 1,728
December .....	<sup>E</sup> 1,609	<sup>E</sup> 6	291	473	<sup>R</sup> -129	<sup>R</sup> 2,250
<b>Total</b> .....	<b><sup>E</sup>19,068</b>	<b><sup>E</sup>65</b>	<b>3,305</b>	<b>-193</b>	<b><sup>R</sup>-295</b>	<b><sup>R</sup>21,949</b>
<b>2004</b>						
January .....	<sup>E</sup> 1,627	<sup>E</sup> 6	314	811	-106	2,652
February .....	<sup>E</sup> 1,512	<sup>E</sup> 6	283	600	79	2,480
March .....	<sup>E</sup> 1,617	<sup>E</sup> 5	265	103	82	2,073
April .....	<sup>E</sup> 1,555	<sup>E</sup> 5	265	-198	92	1,719
May .....	<sup>RE</sup> 1,577	<sup>E</sup> 6	269	-379	<sup>R</sup> 59	<sup>R</sup> 1,531
June .....	<sup>RE</sup> 1,524	<sup>E</sup> 1	<sup>E</sup> 280	-397	<sup>R</sup> 30	<sup>R</sup> 1,439
July .....	<sup>RE</sup> 1,573	<sup>E</sup> 2	<sup>RE</sup> 305	-366	<sup>R</sup> 31	<sup>R</sup> 1,545
August .....	<sup>E</sup> 1,604	<sup>E</sup> 5	<sup>RE</sup> 298	-345	<sup>R</sup> -22	<sup>R</sup> 1,540
September .....	<sup>E</sup> 1,496	<sup>E</sup> 5	<sup>E</sup> 266	-325	-14	1,427
<b>2004 YTD</b> .....	<b><sup>E</sup>14,085</b>	<b><sup>E</sup>40</b>	<b><sup>E</sup>2,544</b>	<b>-495</b>	<b>232</b>	<b>16,405</b>
<b>2003 YTD</b> .....	<b><sup>E</sup>14,309</b>	<b><sup>E</sup>47</b>	<b>2,487</b>	<b>-468</b>	<b>68</b>	<b>16,443</b>
<b>2002 YTD</b> .....	<b>14,231</b>	<b>49</b>	<b>2,606</b>	<b>-216</b>	<b>423</b>	<b>17,091</b>

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

<sup>b</sup> Monthly and annual data for 1999 through 2002 include underground storage and liquefied natural gas storage. Data for January 2003 forward include underground storage only. See Appendix A, Explanatory Note 6 for discussion of computation procedures.

<sup>c</sup> Represents quantities lost and imbalances in data due to differences among data sources. Net imports and balancing item for 1999-2002 excludes net intransit deliveries. These net intransit deliveries were (in billion cubic feet): 58 for 2002; -36 for 2001; -65 for 2000; -8 for 1999. See Appendix A, Explanatory Note 8, for full discussion.

<sup>d</sup> Consists of pipeline fuel use, lease and plant fuel use, vehicle fuel, and deliveries to consuming sectors as shown in Table 3.

<sup>R</sup> Revised Data.

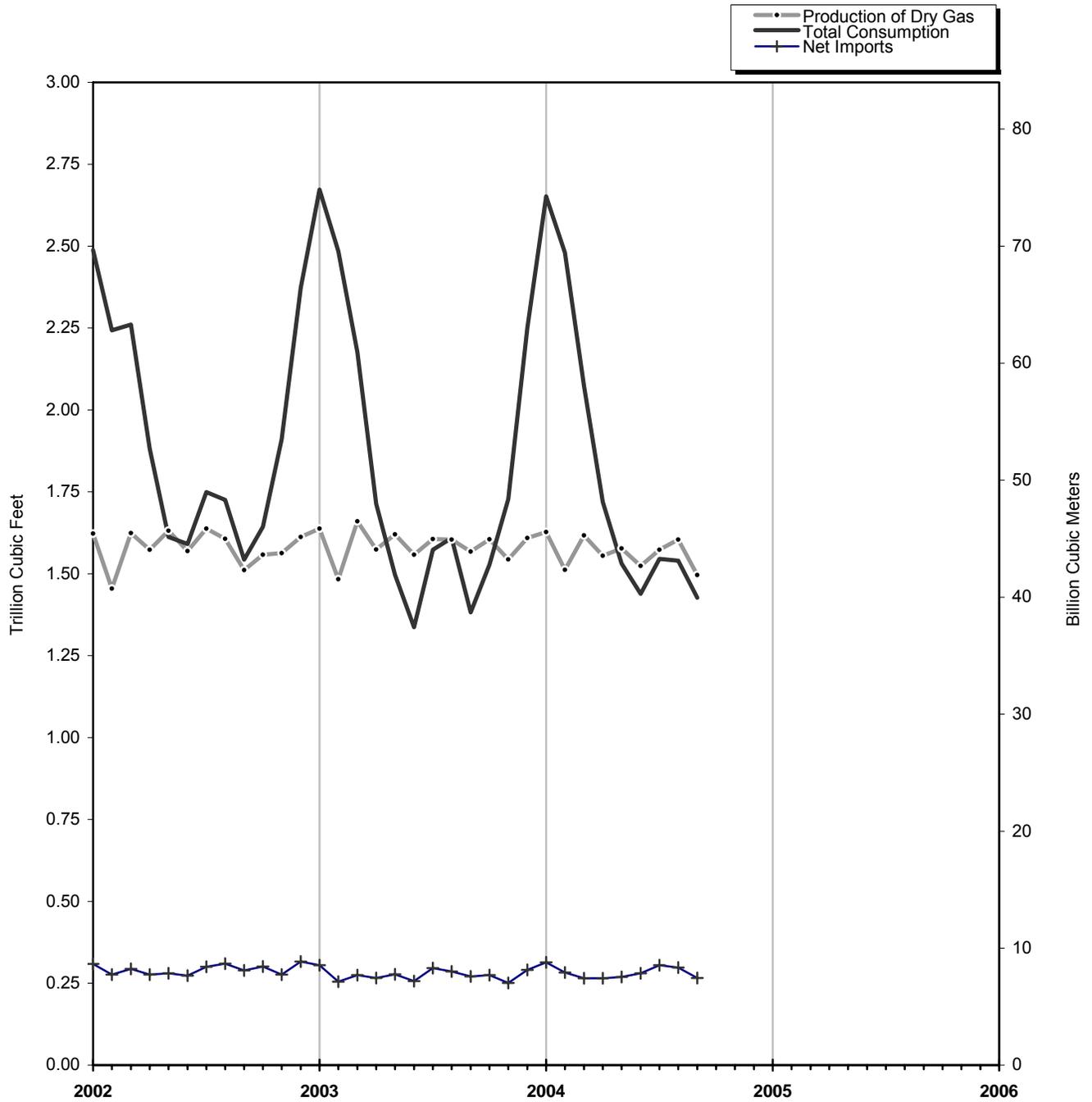
<sup>E</sup> Estimated Data.

<sup>RE</sup> Revised Estimated Data.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

**Sources:** 1999-2002: Energy Information Administration (EIA), *Natural Gas Annual 2002*. January 2003 through current month: EIA, Form EIA-895, Form EIA-857, Form EIA-191, EIA computations and estimates, and Office of Fossil Energy, *"Natural Gas Imports and Exports."* See Appendix A, Notes 4 and 5, for discussion of computation and estimation procedures and revision policies.

Figure 1. Production, Consumption and Net Imports of Natural Gas in the United States, 2002-2004



Source: Table 2.

Table 3. Natural Gas Consumption in the United States, 1999-2004

(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel <sup>a</sup>	Pipeline and Distribution Use <sup>b</sup>	Delivered to Consumers					Total Consumption	
			Residential	Commercial	Industrial	Electric Power	Vehicle Fuel		Total
<b>1999 Total</b> .....	<b>1,079</b>	<b>645</b>	<b>4,726</b>	<b>3,045</b>	<b>8,079</b>	<b>4,820</b>	<b>12</b>	<b>20,681</b>	<b>22,405</b>
<b>2000 Total</b> .....	<b>1,151</b>	<b>642</b>	<b>4,996</b>	<b>3,182</b>	<b>8,142</b>	<b>5,206</b>	<b>13</b>	<b>21,540</b>	<b>23,333</b>
<b>2001 Total</b> .....	<b>1,119</b>	<b>625</b>	<b>4,771</b>	<b>3,023</b>	<b>7,344</b>	<b>5,342</b>	<b>15</b>	<b>20,495</b>	<b>22,239</b>
<b>2002</b>									
January .....	96	73	816	430	691	381	1	2,319	2,488
February .....	86	66	713	397	635	344	1	2,091	2,243
March .....	96	66	661	369	660	407	1	2,098	2,260
April .....	92	54	415	264	649	404	1	1,734	1,881
May .....	95	46	255	190	614	410	1	1,471	1,612
June .....	92	46	160	144	597	551	1	1,453	1,591
July .....	95	50	125	134	610	734	1	1,604	1,749
August .....	94	50	116	133	614	718	1	1,581	1,725
September .....	89	44	124	139	577	569	1	1,409	1,543
October .....	92	47	251	195	615	442	1	1,504	1,643
November .....	92	55	483	295	632	352	1	1,763	1,911
December .....	95	69	771	414	662	360	1	2,209	2,373
<b>Total</b> .....	<b>1,114</b>	<b>667</b>	<b>4,890</b>	<b>3,103</b>	<b>7,557</b>	<b>5,672</b>	<b>15</b>	<b>21,236</b>	<b>23,018</b>
<b>2003</b>									
January .....	<sup>E</sup> 96	<sup>R</sup> 77	947	509	<sup>R</sup> 674	367	1	<sup>R</sup> 2,499	<sup>R</sup> 2,673
February .....	<sup>E</sup> 87	72	888	476	<sup>R</sup> 632	329	1	<sup>R</sup> 2,325	<sup>R</sup> 2,485
March .....	<sup>E</sup> 98	63	678	381	<sup>R</sup> 603	353	1	<sup>R</sup> 2,015	<sup>R</sup> 2,176
April .....	<sup>E</sup> 93	50	416	256	<sup>R</sup> 564	333	1	<sup>R</sup> 1,570	<sup>R</sup> 1,713
May .....	<sup>E</sup> 95	43	250	177	549	381	1	1,358	1,497
June .....	<sup>E</sup> 92	39	158	134	502	411	1	<sup>R</sup> 1,206	1,337
July .....	<sup>E</sup> 94	46	127	129	<sup>R</sup> 567	609	1	<sup>R</sup> 1,433	<sup>R</sup> 1,573
August .....	<sup>E</sup> 94	47	116	127	<sup>R</sup> 570	654	1	<sup>R</sup> 1,468	<sup>R</sup> 1,609
September .....	<sup>E</sup> 92	40	128	133	<sup>R</sup> 553	434	1	<sup>R</sup> 1,250	<sup>R</sup> 1,382
October .....	<sup>E</sup> 94	44	<sup>R</sup> 231	178	<sup>R</sup> 588	391	1	<sup>R</sup> 1,390	<sup>R</sup> 1,528
November .....	<sup>E</sup> 91	50	414	250	<sup>R</sup> 584	338	1	<sup>R</sup> 1,587	<sup>R</sup> 1,728
December .....	<sup>E</sup> 95	65	742	388	<sup>R</sup> 630	329	1	<sup>R</sup> 2,091	<sup>R</sup> 2,250
<b>Total</b> .....	<sup>E</sup> 1,121	<sup>R</sup> 636	<sup>R</sup> 5,095	<b>3,138</b>	<sup>R</sup> 7,016	<b>4,929</b>	<b>15</b>	<sup>R</sup> 20,192	<sup>R</sup> 21,949
<b>2004</b>									
January .....	<sup>E</sup> 96	77	968	492	676	342	1	2,479	2,652
February .....	<sup>E</sup> 89	72	860	462	640	356	1	2,319	2,480
March .....	<sup>E</sup> 95	60	594	345	<sup>R</sup> 622	355	1	<sup>R</sup> 1,918	2,073
April .....	<sup>E</sup> 91	50	384	245	578	369	1	1,578	1,719
May .....	<sup>E</sup> 93	44	214	<sup>R</sup> 165	557	456	1	<sup>R</sup> 1,394	<sup>R</sup> 1,531
June .....	<sup>E</sup> 90	42	145	<sup>R</sup> 132	550	479	1	<sup>R</sup> 1,308	<sup>R</sup> 1,439
July .....	<sup>R</sup> E92	45	<sup>R</sup> 125	<sup>R</sup> 122	<sup>R</sup> 558	601	1	<sup>R</sup> 1,408	<sup>R</sup> 1,545
August .....	<sup>E</sup> 94	45	119	<sup>R</sup> 121	570	<sup>R</sup> 589	1	<sup>R</sup> 1,401	<sup>R</sup> 1,540
September .....	<sup>E</sup> 88	41	125	121	561	<sup>E</sup> 490	1	1,298	1,427
<b>2004 YTD<sup>d</sup></b> .....	<sup>E</sup> 828	<b>475</b>	<b>3,534</b>	<b>2,205</b>	<b>5,311</b>	<sup>E</sup> 4,038	<b>13</b>	<b>15,102</b>	<b>16,405</b>
<b>2003 YTD<sup>d</sup></b> .....	<sup>E</sup> 841	<b>476</b>	<b>3,709</b>	<b>2,321</b>	<b>5,213</b>	<b>3,871</b>	<b>12</b>	<b>15,125</b>	<b>16,443</b>
<b>2002 YTD<sup>d</sup></b> .....	<b>835</b>	<b>495</b>	<b>3,385</b>	<b>2,199</b>	<b>5,647</b>	<b>4,518</b>	<b>11</b>	<b>15,760</b>	<b>17,091</b>

<sup>a</sup> Plant fuel data and lease fuel data are collected only annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

<sup>b</sup> Pipeline and distribution use is collected only on an annual basis. Monthly pipeline and distribution use data are estimated from monthly total consumption (excluding pipeline and distribution use) by assuming that the preceding annual percentage remains constant for the next twelve months.

<sup>d</sup> Year-to-date volume represents months for which volume information is available in the current year.

<sup>R</sup> Revised Data.

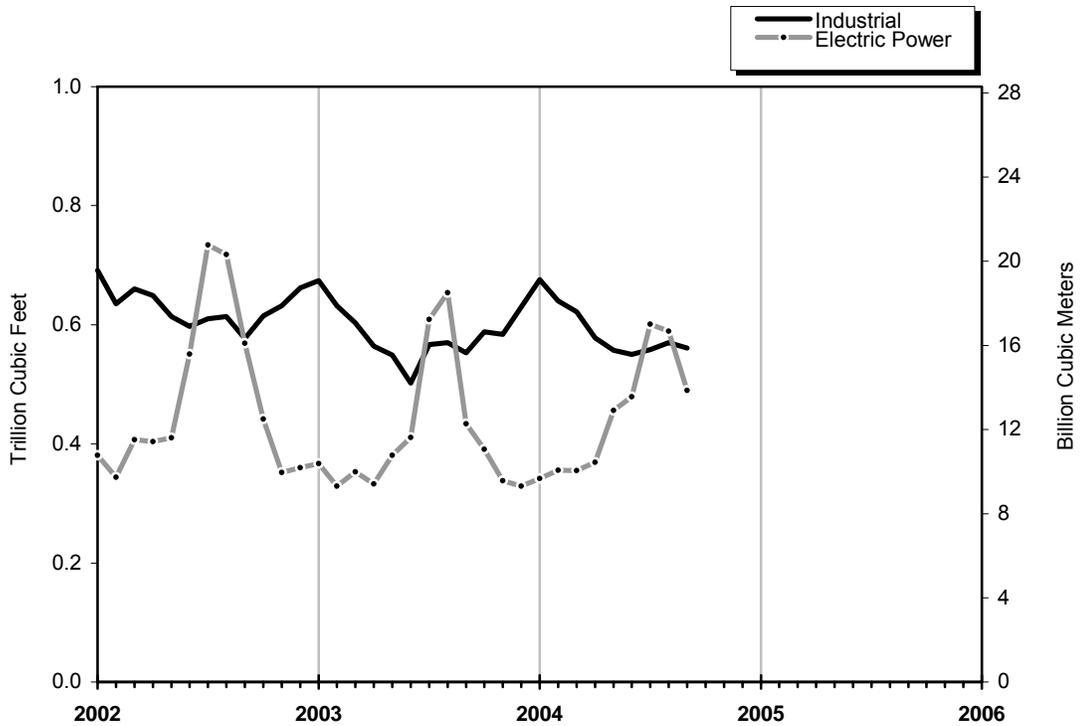
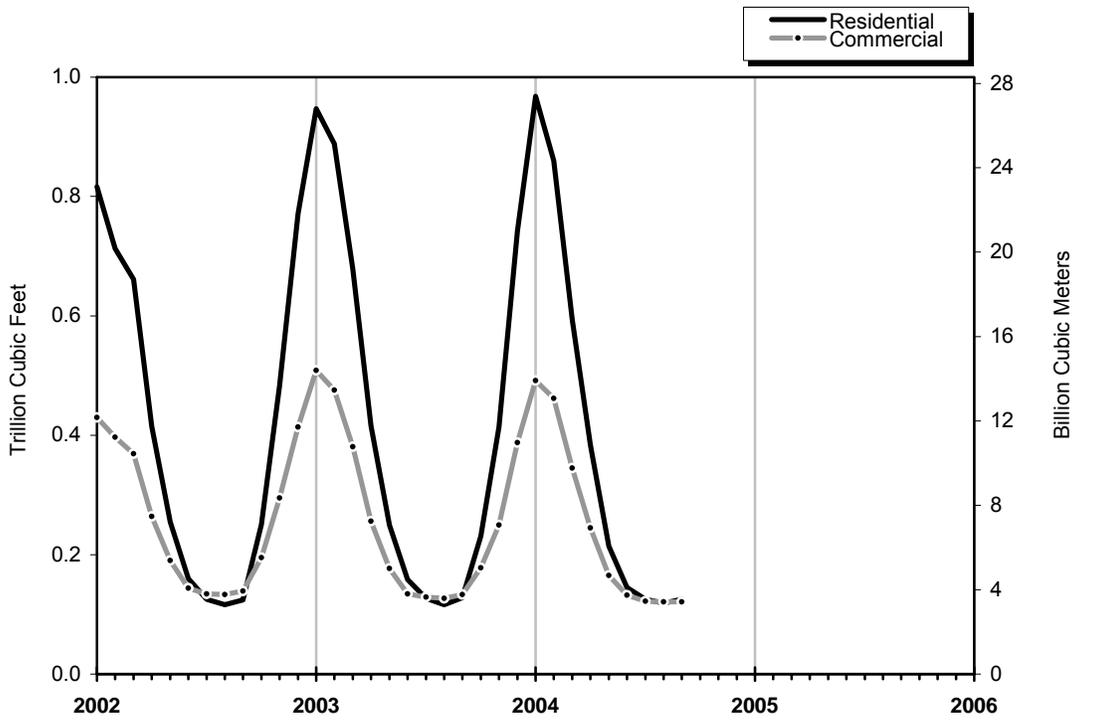
<sup>E</sup> Estimated Data.

<sup>RE</sup> Revised Estimated Data.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. See Explanatory Note 7 for definition of sectors.

**Sources:** 1999-2002: Energy Information Administration (EIA): Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-906, "Power Plant Report," EIA computations, and *Natural Gas Annual 2002*. January 2003 through the current month: EIA: Form EIA-895, Form EIA-857, and Form EIA-906. See Appendix A, Explanatory Note 7, for computation procedures and revision policy.

Figure 2. Natural Gas Deliveries to Consumers in the United States, 2002-2004



Source: Table 3.

Table 4. Selected National Average Natural Gas Prices, 1999-2004

(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price <sup>a</sup>	City Gate Price	Consumer Prices					Electric Power Price <sup>c</sup>
			Residential Price	Commercial		Industrial		
				Price	% of Total <sup>b</sup>	Price	% of Total <sup>b</sup>	
<b>1999 Annual Average</b> .....	<b>2.19</b>	<b>3.10</b>	<b>6.69</b>	<b>5.33</b>	<b>66.1</b>	<b>3.12</b>	<b>18.8</b>	<b>2.62</b>
<b>2000 Annual Average</b> .....	<b>3.68</b>	<b>4.62</b>	<b>7.76</b>	<b>6.59</b>	<b>63.9</b>	<b>4.45</b>	<b>19.8</b>	<b>4.38</b>
<b>2001 Annual Average</b> .....	<b>4.00</b>	<b>5.72</b>	<b>9.63</b>	<b>8.43</b>	<b>66.0</b>	<b>5.24</b>	<b>20.8</b>	<b>4.61</b>
<b>2002</b>								
January .....	2.50	3.79	7.39	6.53	80.8	4.05	20.1	3.10
February .....	2.19	3.76	7.24	6.41	81.2	3.70	20.4	2.86
March .....	2.40	3.84	7.11	6.30	82.3	3.78	20.0	3.37
April .....	2.94	4.21	7.68	6.57	77.8	3.64	26.1	3.80
May .....	2.94	4.07	8.55	6.69	74.1	4.07	23.8	3.78
June .....	2.96	4.15	9.60	6.82	74.4	3.86	25.4	3.61
July .....	2.92	3.95	10.34	6.63	72.7	3.80	23.8	3.49
August .....	2.76	3.67	10.47	6.46	73.3	3.62	22.4	3.42
September .....	2.97	3.99	10.26	6.55	71.0	3.89	22.4	3.71
October .....	3.24	4.32	8.62	6.65	74.7	4.18	21.6	4.19
November .....	3.59	4.65	8.01	6.91	79.5	4.72	21.7	4.35
December .....	3.96	4.74	7.88	7.18	80.7	4.92	23.0	4.72
<b>Annual Average</b> .....	<b>2.95</b>	<b>4.12</b>	<b>7.91</b>	<b>6.64</b>	<b>78.4</b>	<b>4.02</b>	<b>22.5</b>	<b>3.68</b>
<b>2003</b>								
January .....	<sup>E</sup> 4.47	5.32	8.17	7.43	79.0	<sup>R</sup> 5.54	<sup>R</sup> 21.1	5.28
February .....	<sup>E</sup> 5.45	5.86	8.56	7.91	79.6	<sup>R</sup> 6.27	<sup>R</sup> 22.0	6.44
March .....	<sup>E</sup> 6.69	7.60	9.74	9.05	80.2	8.11	21.2	7.16
April .....	<sup>E</sup> 4.71	5.61	10.15	8.80	76.9	<sup>R</sup> 5.89	<sup>R</sup> 21.2	5.36
May .....	<sup>E</sup> 4.97	5.67	10.74	8.64	73.7	<sup>R</sup> 5.60	<sup>R</sup> 20.5	5.69
June .....	<sup>E</sup> 5.35	6.37	12.04	8.90	72.6	<sup>R</sup> 6.37	<sup>R</sup> 20.0	5.97
July .....	<sup>E</sup> 4.91	5.82	12.70	8.69	71.4	5.63	<sup>R</sup> 25.7	5.47
August .....	<sup>E</sup> 4.72	5.50	12.88	8.36	73.6	5.22	<sup>R</sup> 23.7	5.20
September .....	<sup>E</sup> 4.58	<sup>R</sup> 5.59	12.31	8.35	<sup>R</sup> 72.5	5.30	<sup>R</sup> 23.1	5.12
October .....	<sup>E</sup> 4.43	5.30	<sup>R</sup> 10.69	8.28	<sup>R</sup> 72.2	<sup>R</sup> 4.79	<sup>R</sup> 23.4	5.09
November .....	<sup>E</sup> 4.34	5.55	9.77	8.31	77.3	5.16	<sup>R</sup> 22.3	4.78
December .....	<sup>E</sup> 5.08	5.90	9.50	8.52	79.9	5.79	<sup>R</sup> 23.3	5.45
<b>Annual Average</b> .....	<b><sup>E</sup>4.98</b>	<b>5.86</b>	<b>9.62</b>	<b>8.32</b>	<b>77.3</b>	<b>5.79</b>	<b><sup>R</sup>22.3</b>	<b>5.55</b>
<b>2004</b>								
January .....	<sup>E</sup> 5.53	6.39	9.69	8.90	80.7	6.64	22.2	6.38
February .....	<sup>E</sup> 5.15	6.34	9.85	8.97	80.7	6.39	<sup>R</sup> 23.2	5.75
March .....	<sup>E</sup> 4.97	6.24	9.97	8.91	78.4	5.86	<sup>R</sup> 22.4	5.47
April .....	<sup>E</sup> 5.20	6.33	10.52	8.90	76.5	5.95	<sup>R</sup> 23.0	5.76
May .....	<sup>E</sup> 5.63	6.48	11.60	<sup>R</sup> 9.06	<sup>R</sup> 73.1	6.27	22.7	5.81
June .....	<sup>E</sup> 5.85	6.92	13.05	<sup>R</sup> 9.60	<sup>R</sup> 71.5	6.70	24.4	6.52
July .....	<sup>E</sup> 5.60	6.68	<sup>R</sup> 13.43	<sup>R</sup> 9.52	<sup>R</sup> 71.2	6.24	24.6	6.24
August .....	<sup>E</sup> 5.36	<sup>R</sup> 6.46	13.78	<sup>R</sup> 9.55	<sup>R</sup> 70.5	6.19	23.8	NA
September .....	<sup>E</sup> 4.86	6.07	13.28	9.24	70.1	5.55	22.7	NA
<b>2004 YTD<sup>d</sup></b> .....	<b><sup>E</sup>5.35</b>	<b>6.40</b>	<b>10.52</b>	<b>9.05</b>	<b>77.1</b>	<b>6.21</b>	<b>23.2</b>	<b>5.87</b>
<b>2003 YTD<sup>d</sup></b> .....	<b><sup>E</sup>5.09</b>	<b>5.95</b>	<b>9.56</b>	<b>8.29</b>	<b>77.3</b>	<b>5.98</b>	<b>22.0</b>	<b>5.87</b>
<b>2002 YTD<sup>d</sup></b> .....	<b>2.73</b>	<b>3.90</b>	<b>7.85</b>	<b>6.51</b>	<b>78.2</b>	<b>3.82</b>	<b>22.7</b>	<b>3.46</b>

<sup>a</sup> See Appendix A, Explanatory Note 10, for discussion of wellhead prices.

<sup>b</sup> Percentage of total deliveries represented by onsystem sales, see Figure 6. See Table 25 for State data.

<sup>c</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. Through 2001, data are for regulated electric utilities only; beginning in 2002, data also include nonregulated members of the electric power sector.

<sup>d</sup> Year-to-date price represents months for which price information is available in the current year. The electric power year-to-date price is 2 month behind the wellhead, city gate, residential, commercial, and industrial year-to-date prices.

<sup>R</sup> Revised Data.

<sup>E</sup> Estimated Data.

NA Not Available.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

**Sources:** 1999-2002: Energy Information Administration (EIA) *Natural Gas Annual 2002*. January 2003 through current month: EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-910, "Monthly Natural Gas Marketer Survey," Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report," and EIA estimates.

Figure 3. Average Consumer Price of Natural Gas in the U.S., 2002-2004

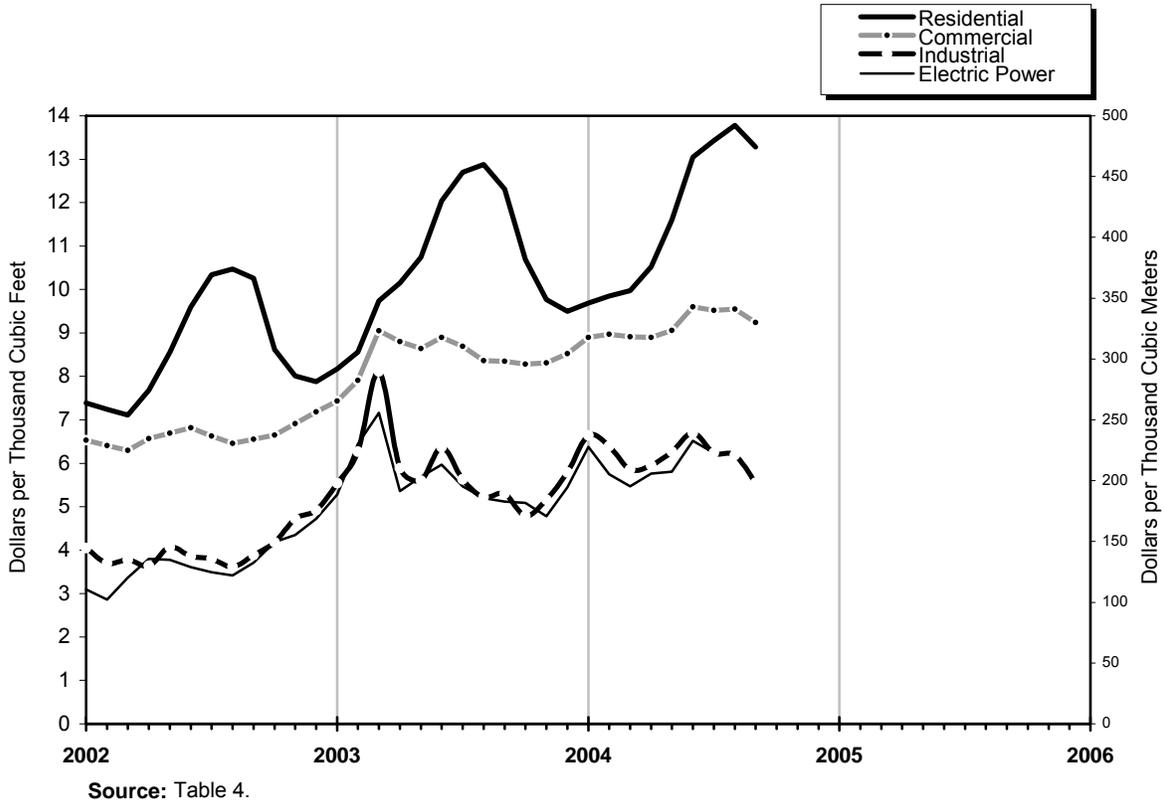


Figure 4. Average Price of Natural Gas in the United States, 2002-2004

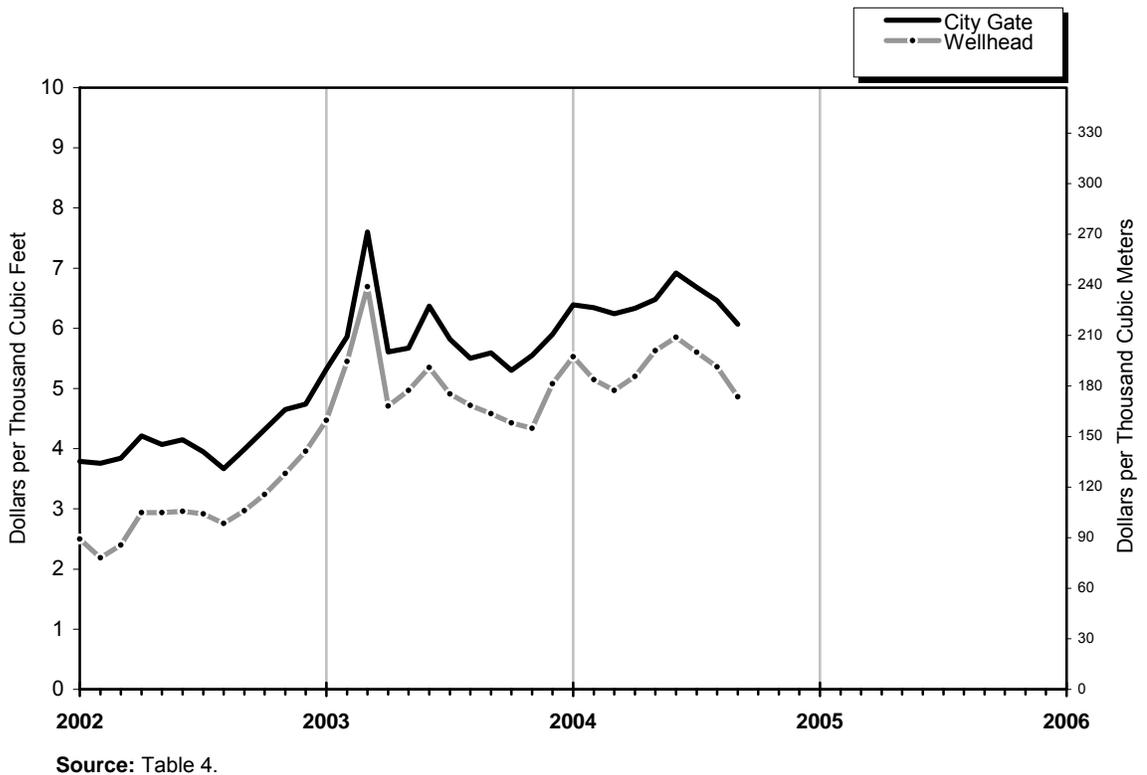


Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

	YTD 2004	YTD 2003	YTD 2002	2004		
				September	August	July
<b>Imports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada <sup>a</sup> .....	€2,579,836	2,609,008	2,809,652	€268,038	€290,613	288,896
Mexico .....	0	0	1,755	0	0	0
<b>Total Pipeline Imports</b> .....	<b>€2,579,836</b>	<b>2,609,008</b>	<b>2,811,407</b>	<b>€268,038</b>	<b>€290,613</b>	<b>288,896</b>
<b>LNG</b>						
Algeria .....	€95,140	37,071	21,313	€7,418	€21,788	€10,803
Australia .....	€11,847	0	0	0	0	€5,984
Brunei .....	0	0	2,401	0	0	0
Indonesia .....	0	0	0	0	0	0
Malaysia .....	€19,999	2,704	2,423	5,996	0	RE11,336
Nigeria .....	€8,831	44,280	2,720	2,917	0	€2,931
Oman .....	€9,412	4,968	3,013	0	0	€3,167
Qatar .....	€8,850	10,624	35,081	0	0	€2,926
Trinidad/Tobago .....	€337,627	262,533	92,405	€39,523	€37,981	€32,617
United Arab Emirates .....	0	0	0	0	0	0
Other <sup>b</sup> .....	1,500	0	0	0	0	0
<b>Total LNG Imports</b> .....	<b>€493,205</b>	<b>362,181</b>	<b>159,357</b>	<b>€55,853</b>	<b>€59,769</b>	<b>RE69,765</b>
<b>Total Imports</b> .....	<b>€3,073,042</b>	<b>2,971,189</b>	<b>2,970,763</b>	<b>€323,891</b>	<b>RE350,382</b>	<b>RE358,660</b>
Average Price (dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	NA	5.39	2.85	NA	NA	NA
Mexico .....	-	-	2.36	-	-	-
<b>Total Pipeline Imports</b> .....	<b>NA</b>	<b>5.39</b>	<b>2.85</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>LNG</b>						
Algeria .....	NA	5.62	3.48	NA	NA	NA
Australia .....	NA	-	-	-	-	NA
Brunei .....	-	-	3.25	-	-	-
Indonesia .....	-	-	-	-	-	-
Malaysia .....	NA	4.97	3.43	NA	-	NA
Nigeria .....	NA	4.68	3.61	NA	-	NA
Oman .....	NA	3.52	3.34	-	-	NA
Qatar .....	NA	5.40	3.39	-	-	NA
Trinidad/Tobago .....	NA	4.87	3.11	NA	NA	NA
United Arab Emirates .....	-	-	-	-	-	-
Other .....	-	-	-	-	-	-
<b>Total LNG Imports</b> .....	<b>NA</b>	<b>4.92</b>	<b>3.24</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Total Imports</b> .....	<b>NA</b>	<b>5.33</b>	<b>2.87</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Exports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada .....	€216,120	203,852	125,448	€18,332	€14,650	€15,629
Mexico .....	€267,076	234,661	192,387	€32,281	€32,281	€32,281
<b>Total Pipeline Exports</b> .....	<b>€483,197</b>	<b>438,513</b>	<b>317,836</b>	<b>€50,613</b>	<b>€46,931</b>	<b>€47,910</b>
<b>LNG</b>						
Japan .....	45,667	45,501	46,599	7,445	5,588	5,611
Mexico .....	NA	269	279	NA	NA	NA
<b>Total LNG Exports</b> .....	<b>45,873</b>	<b>45,770</b>	<b>46,878</b>	<b>7,445</b>	<b>5,588</b>	<b>5,611</b>
<b>Total Exports</b> .....	<b>€529,070</b>	<b>484,283</b>	<b>364,714</b>	<b>€58,059</b>	<b>€52,520</b>	<b>€53,521</b>
Average Price dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	NA	6.49	2.89	NA	NA	NA
Mexico .....	NA	5.57	3.06	NA	NA	NA
<b>Total Pipeline Exports</b> .....	<b>NA</b>	<b>6.00</b>	<b>2.99</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>LNG</b>						
Japan .....	NA	4.48	3.99	NA	NA	NA
Mexico .....	NA	5.82	5.82	NA	NA	NA
<b>Total LNG Exports</b> .....	<b>NA</b>	<b>4.49</b>	<b>4.00</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Total Exports</b> .....	<b>NA</b>	<b>5.86</b>	<b>3.12</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Net Imports - Volume</b> .....	<b>€2,543,972</b>	<b>2,486,906</b>	<b>2,606,050</b>	<b>€265,832</b>	<b>RE297,862</b>	<b>RE305,139</b>

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2004					
	June	May	April	March	February	January
<b>Imports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada <sup>a</sup> .....	278,066	267,478	272,591	298,733	296,691	318,730
Mexico .....	0	0	0	0	0	0
<b>Total Pipeline Imports</b> .....	<b>278,066</b>	<b>267,478</b>	<b>272,591</b>	<b>298,733</b>	<b>296,691</b>	<b>318,730</b>
<b>LNG</b>						
Algeria .....	15,559	5,367	7,998	10,909	8,075	7,223
Australia .....	2,918	2,945	0	0	0	0
Brunei .....	0	0	0	0	0	0
Indonesia .....	0	0	0	0	0	0
Malaysia .....	0	2,667	0	0	0	0
Nigeria .....	2,983	0	0	0	0	0
Oman .....	0	3,203	0	0	0	3,041
Qatar .....	0	2,999	2,925	0	0	0
Trinidad/Tobago .....	34,230	35,980	35,138	38,124	40,884	43,148
United Arab Emirates .....	0	0	0	0	0	0
Other <sup>b</sup> .....	1,500	0	0	0	0	0
<b>Total LNG Imports</b> .....	<b>57,190</b>	<b>53,162</b>	<b>46,061</b>	<b>49,033</b>	<b>48,959</b>	<b>53,413</b>
<b>Total Imports</b> .....	<b>335,256</b>	<b>320,640</b>	<b>318,652</b>	<b>347,766</b>	<b>345,651</b>	<b>372,143</b>
Average Price (dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	6.06	5.65	5.21	5.13	5.66	6.02
Mexico .....	-	-	-	-	-	-
<b>Total Pipeline Imports</b> .....	<b>6.06</b>	<b>5.65</b>	<b>5.21</b>	<b>5.13</b>	<b>5.66</b>	<b>6.02</b>
<b>LNG</b>						
Algeria .....	5.78	5.54	5.32	5.96	6.16	5.53
Australia .....	6.64	5.90	-	-	-	-
Brunei .....	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-
Malaysia .....	-	4.91	-	-	-	-
Nigeria .....	6.38	-	-	-	-	-
Oman .....	-	5.76	-	-	-	5.60
Qatar .....	-	6.35	5.12	-	-	-
Trinidad/Tobago .....	6.20	5.59	5.26	5.02	5.70	5.74
United Arab Emirates .....	-	-	-	-	-	-
Other .....	-	-	-	-	-	-
<b>Total LNG Imports</b> .....	<b>6.10</b>	<b>5.62</b>	<b>5.26</b>	<b>5.23</b>	<b>5.78</b>	<b>5.70</b>
<b>Total Imports</b> .....	<b>6.07</b>	<b>5.65</b>	<b>5.22</b>	<b>5.14</b>	<b>5.68</b>	<b>5.97</b>
<b>Exports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada .....	17,357	19,897	25,979	48,700	31,404	24,171
Mexico .....	34,545	30,226	22,361	28,446	25,599	29,057
<b>Total Pipeline Exports</b> .....	<b>51,902</b>	<b>50,123</b>	<b>48,340</b>	<b>77,146</b>	<b>57,003</b>	<b>53,228</b>
<b>LNG</b>						
Japan .....	3,767	1,883	5,607	5,564	5,130	5,071
Mexico .....	21	26	32	42	41	45
<b>Total LNG Exports</b> .....	<b>3,788</b>	<b>1,909</b>	<b>5,639</b>	<b>5,606</b>	<b>5,171</b>	<b>5,116</b>
<b>Total Exports</b> .....	<b>55,690</b>	<b>52,032</b>	<b>53,979</b>	<b>82,752</b>	<b>62,173</b>	<b>58,344</b>
Average Price dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	6.81	6.14	5.71	5.50	6.07	6.36
Mexico .....	6.39	6.14	5.51	5.19	5.37	5.86
<b>Total Pipeline Exports</b> .....	<b>6.53</b>	<b>6.14</b>	<b>5.62</b>	<b>5.39</b>	<b>5.76</b>	<b>6.09</b>
<b>LNG</b>						
Japan .....	4.81	4.84	4.77	4.59	4.52	4.41
Mexico .....	8.47	8.26	8.19	5.82	5.82	5.82
<b>Total LNG Exports</b> .....	<b>4.83</b>	<b>4.89</b>	<b>4.79</b>	<b>4.60</b>	<b>4.53</b>	<b>4.42</b>
<b>Total Exports</b> .....	<b>6.41</b>	<b>6.09</b>	<b>5.53</b>	<b>5.33</b>	<b>5.65</b>	<b>5.94</b>
<b>Net Imports - Volume</b> .....	<b>279,566</b>	<b>268,608</b>	<b>264,673</b>	<b>265,014</b>	<b>283,478</b>	<b>313,800</b>

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2003					
	Total	December	November	October	September	August
<b>Imports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada <sup>a</sup> .....	3,489,928	327,080	275,179	278,661	271,746	287,651
Mexico .....	0	0	0	0	0	0
<b>Total Pipeline Imports</b> .....	<b>3,489,928</b>	<b>327,080</b>	<b>275,179</b>	<b>278,661</b>	<b>271,746</b>	<b>287,651</b>
<b>LNG</b>						
Algeria .....	53,423	2,659	2,784	10,910	8,191	2,768
Australia .....	0	0	0	0	0	0
Brunei .....	0	0	0	0	0	0
Indonesia .....	0	0	0	0	0	0
Malaysia .....	2,704	0	0	0	0	0
Nigeria .....	50,067	0	0	5,787	8,250	8,132
Oman .....	8,632	0	3,664	0	2,322	2,646
Qatar .....	13,623	0	0	2,999	5,760	0
Trinidad/Tobago .....	378,069	37,414	40,295	37,828	29,312	35,466
United Arab Emirates .....	0	0	0	0	0	0
Other <sup>b</sup> .....	0	0	0	0	0	0
<b>Total LNG Imports</b> .....	<b>506,519</b>	<b>40,072</b>	<b>46,743</b>	<b>57,523</b>	<b>53,835</b>	<b>49,012</b>
<b>Total Imports</b> .....	<b>3,996,447</b>	<b>367,153</b>	<b>321,922</b>	<b>336,183</b>	<b>325,581</b>	<b>336,663</b>
Average Price (dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	5.23	5.12	4.54	4.52	4.69	4.56
Mexico .....	-	-	-	-	-	-
<b>Total Pipeline Imports</b> .....	<b>5.23</b>	<b>5.12</b>	<b>4.54</b>	<b>4.52</b>	<b>4.69</b>	<b>4.56</b>
<b>LNG</b>						
Algeria .....	5.32	4.79	4.24	4.69	4.99	4.47
Australia .....	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-
Malaysia .....	4.97	-	-	-	-	-
Nigeria .....	4.66	-	-	4.47	4.56	4.50
Oman .....	3.76	-	4.08	-	3.52	3.52
Qatar .....	4.99	-	-	3.54	4.79	-
Trinidad/Tobago .....	4.74	4.78	4.38	4.24	4.55	4.44
United Arab Emirates .....	-	-	-	-	-	-
Other .....	-	-	-	-	-	-
<b>Total LNG Imports</b> .....	<b>4.79</b>	<b>4.78</b>	<b>4.34</b>	<b>4.31</b>	<b>4.60</b>	<b>4.40</b>
<b>Total Imports</b> .....	<b>5.17</b>	<b>5.08</b>	<b>4.51</b>	<b>4.48</b>	<b>4.67</b>	<b>4.54</b>
<b>Exports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada .....	294,285	37,899	32,282	20,252	21,249	16,213
Mexico .....	332,829	32,281	32,934	32,953	27,760	29,764
<b>Total Pipeline Exports</b> .....	<b>627,115</b>	<b>70,180</b>	<b>65,216</b>	<b>53,205</b>	<b>49,009</b>	<b>45,977</b>
<b>LNG</b>						
Japan .....	64,389	5,663	5,659	7,566	5,475	5,145
Mexico .....	376	38	37	32	28	21
<b>Total LNG Exports</b> .....	<b>64,765</b>	<b>5,701</b>	<b>5,696</b>	<b>7,598</b>	<b>5,503</b>	<b>5,166</b>
<b>Total Exports</b> .....	<b>691,880</b>	<b>75,882</b>	<b>70,912</b>	<b>60,804</b>	<b>54,512</b>	<b>51,142</b>
Average Price dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	6.05	5.26	4.92	4.81	5.31	4.95
Mexico .....	5.36	5.56	4.47	4.58	4.89	4.96
<b>Total Pipeline Exports</b> .....	<b>5.68</b>	<b>5.39</b>	<b>4.69</b>	<b>4.67</b>	<b>5.08</b>	<b>4.96</b>
<b>LNG</b>						
Japan .....	4.47	4.50	4.44	4.39	4.39	4.42
Mexico .....	5.82	5.82	5.82	5.82	5.82	5.82
<b>Total LNG Exports</b> .....	<b>4.48</b>	<b>4.51</b>	<b>4.45</b>	<b>4.40</b>	<b>4.40</b>	<b>4.43</b>
<b>Total Exports</b> .....	<b>5.57</b>	<b>5.33</b>	<b>4.67</b>	<b>4.63</b>	<b>5.01</b>	<b>4.90</b>
<b>Net Imports - Volume</b> .....	<b>3,304,567</b>	<b>291,271</b>	<b>251,010</b>	<b>275,380</b>	<b>271,069</b>	<b>285,521</b>

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2003					
	July	June	May	April	March	February
<b>Imports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada <sup>a</sup> .....	287,683	261,917	281,847	284,557	298,482	293,163
Mexico .....	0	0	0	0	0	0
<b>Total Pipeline Imports</b> .....	<b>287,683</b>	<b>261,917</b>	<b>281,847</b>	<b>284,557</b>	<b>298,482</b>	<b>293,163</b>
<b>LNG</b>						
Algeria .....	5,462	2,788	4,190	10,893	2,778	0
Australia .....	0	0	0	0	0	0
Brunei .....	0	0	0	0	0	0
Indonesia .....	0	0	0	0	0	0
Malaysia .....	2,704	0	0	0	0	0
Nigeria .....	2,770	11,237	11,288	2,604	0	0
Oman .....	0	0	0	0	0	0
Qatar .....	2,993	0	0	0	1,871	0
Trinidad/Tobago .....	43,874	33,889	30,336	19,184	26,353	21,007
United Arab Emirates .....	0	0	0	0	0	0
Other <sup>b</sup> .....	0	0	0	0	0	0
<b>Total LNG Imports</b> .....	<b>57,803</b>	<b>47,914</b>	<b>45,814</b>	<b>32,682</b>	<b>31,002</b>	<b>21,007</b>
<b>Total Imports</b> .....	<b>345,486</b>	<b>309,831</b>	<b>327,661</b>	<b>317,239</b>	<b>329,484</b>	<b>314,170</b>
Average Price (dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	5.08	5.62	5.07	4.95	7.84	5.77
Mexico .....	-	-	-	-	-	-
<b>Total Pipeline Imports</b> .....	<b>5.08</b>	<b>5.62</b>	<b>5.07</b>	<b>4.95</b>	<b>7.84</b>	<b>5.77</b>
<b>LNG</b>						
Algeria .....	6.47	5.36	4.60	5.93	7.54	-
Australia .....	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-
Malaysia .....	4.97	-	-	-	-	-
Nigeria .....	5.26	4.63	4.74	5.02	-	-
Oman .....	-	-	-	-	-	-
Qatar .....	6.22	-	-	-	5.94	-
Trinidad/Tobago .....	5.07	5.13	4.84	5.16	5.14	4.83
United Arab Emirates .....	-	-	-	-	-	-
Other .....	-	-	-	-	-	-
<b>Total LNG Imports</b> .....	<b>5.27</b>	<b>5.02</b>	<b>4.79</b>	<b>5.40</b>	<b>5.41</b>	<b>4.83</b>
<b>Total Imports</b> .....	<b>5.11</b>	<b>5.53</b>	<b>5.03</b>	<b>5.00</b>	<b>7.61</b>	<b>5.71</b>
<b>Exports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada .....	15,845	20,164	17,646	25,684	31,742	27,892
Mexico .....	27,381	30,124	28,919	20,217	17,298	25,177
<b>Total Pipeline Exports</b> .....	<b>43,226</b>	<b>50,288</b>	<b>46,565</b>	<b>45,900</b>	<b>49,040</b>	<b>53,070</b>
<b>LNG</b>						
Japan .....	6,546	3,498	3,798	5,605	5,565	5,569
Mexico .....	18	19	27	33	40	40
<b>Total LNG Exports</b> .....	<b>6,564</b>	<b>3,518</b>	<b>3,825</b>	<b>5,637</b>	<b>5,604</b>	<b>5,609</b>
<b>Total Exports</b> .....	<b>49,790</b>	<b>53,805</b>	<b>50,390</b>	<b>51,537</b>	<b>54,644</b>	<b>58,678</b>
Average Price dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	5.64	6.17	5.54	5.51	9.29	7.44
Mexico .....	5.29	5.95	5.60	5.15	8.46	5.78
<b>Total Pipeline Exports</b> .....	<b>5.42</b>	<b>6.04</b>	<b>5.58</b>	<b>5.35</b>	<b>8.99</b>	<b>6.65</b>
<b>LNG</b>						
Japan .....	4.67	4.75	4.61	4.43	4.29	4.43
Mexico .....	5.82	5.82	5.82	5.82	5.82	5.82
<b>Total LNG Exports</b> .....	<b>4.67</b>	<b>4.76</b>	<b>4.62</b>	<b>4.44</b>	<b>4.30</b>	<b>4.44</b>
<b>Total Exports</b> .....	<b>5.32</b>	<b>5.95</b>	<b>5.50</b>	<b>5.25</b>	<b>8.51</b>	<b>6.44</b>
<b>Net Imports - Volume</b> .....	<b>295,696</b>	<b>256,026</b>	<b>277,270</b>	<b>265,701</b>	<b>274,840</b>	<b>255,492</b>

<sup>a</sup> EIA is reducing 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> The point of origin for volumes of imported LNG was unassigned in the reports to the Office of Fossil Energy.

<sup>R</sup> Revised Data.

<sup>E</sup> Estimated Data.

<sup>RE</sup> Revised Estimated Data.

<sup>NA</sup> Not Available.

— Not Applicable.

**Sources:** Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports," and EIA estimates of dry natural gas imports. Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

**Table 6. Summary of U.S. Natural Gas Imports and Exports, 1999-2003**  
(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

	1999	2000	2001	2002	2003
<b>Imports</b>					
Volume (million cubic feet)					
<b>Pipeline</b>					
Canada .....	3,367,545	3,543,966	<sup>a</sup> 3,728,537	3,784,978	3,489,928
Mexico .....	54,530	11,601	10,276	1,755	0
<b>Total Pipeline Imports .....</b>	<b>3,422,075</b>	<b>3,555,567</b>	<b>3,738,814</b>	<b>3,786,733</b>	<b>3,489,928</b>
<b>LNG</b>					
Algeria .....	75,763	46,947	64,945	26,584	53,423
Australia .....	11,904	5,945	2,394	0	0
Brunei .....	0	0	0	2,401	0
Indonesia .....	0	2,760	0	0	0
Malaysia .....	2,576	0	0	2,423	2,704
Nigeria .....	0	12,654	37,966	8,123	50,067
Oman .....	0	9,998	12,055	3,013	8,632
Qatar .....	19,697	46,057	22,758	35,081	13,623
Trinidad/Tobago .....	50,777	98,949	98,009	151,104	378,069
United Arab Emirates .....	2,713	2,725	0	0	0
<b>Total LNG Imports .....</b>	<b>163,430</b>	<b>226,036</b>	<b>238,126</b>	<b>228,730</b>	<b>506,519</b>
<b>Total Imports .....</b>	<b>3,585,505</b>	<b>3,781,603</b>	<b>3,976,939</b>	<b>4,015,463</b>	<b>3,996,447</b>
Average Price (dollars per thousand cubic feet)					
<b>Pipeline</b>					
Canada .....	2.23	3.97	4.43	3.13	5.23
Mexico .....	2.14	5.43	5.00	2.36	-
<b>Total Pipeline Imports .....</b>	<b>2.23</b>	<b>3.98</b>	<b>4.44</b>	<b>3.13</b>	<b>5.23</b>
<b>LNG</b>					
Algeria .....	2.41	3.48	3.73	3.61	5.32
Australia .....	2.70	3.25	3.86	-	-
Brunei .....	-	-	-	3.25	-
Indonesia .....	-	3.99	-	-	-
Malaysia .....	2.36	-	-	3.43	4.97
Nigeria .....	-	4.37	5.56	3.21	4.66
Oman .....	-	3.36	5.56	3.34	3.76
Qatar .....	2.71	3.44	4.37	3.39	4.99
Trinidad/Tobago .....	2.39	3.43	4.14	3.40	4.74
United Arab Emirates .....	3.03	3.53	-	-	-
<b>Total LNG Imports .....</b>	<b>2.47</b>	<b>3.50</b>	<b>4.35</b>	<b>3.41</b>	<b>4.79</b>
<b>Total Imports .....</b>	<b>2.24</b>	<b>3.95</b>	<b>4.43</b>	<b>3.15</b>	<b>5.17</b>
<b>Exports</b>					
Volume (million cubic feet)					
<b>Pipeline</b>					
Canada .....	38,508	72,586	166,690	189,313	294,285
Mexico .....	61,025	105,102	140,370	263,078	332,829
<b>Total Pipeline Exports .....</b>	<b>99,533</b>	<b>177,688</b>	<b>307,060</b>	<b>452,391</b>	<b>627,115</b>
<b>LNG</b>					
Japan .....	63,607	65,610	65,753	63,439	64,389
Mexico .....	275	418	465	403	376
<b>Total LNG Exports .....</b>	<b>63,882</b>	<b>66,028</b>	<b>66,218</b>	<b>63,842</b>	<b>64,765</b>
<b>Total Exports .....</b>	<b>163,415</b>	<b>243,716</b>	<b>373,278</b>	<b>516,233</b>	<b>691,880</b>
Average Price dollars per thousand cubic feet)					
<b>Pipeline</b>					
Canada .....	2.35	3.66	3.97	3.35	6.05
Mexico .....	2.27	4.26	4.34	3.30	5.36
<b>Total Pipeline Exports .....</b>	<b>2.30</b>	<b>4.01</b>	<b>4.14</b>	<b>3.32</b>	<b>5.68</b>
<b>LNG</b>					
Japan .....	3.08	4.31	4.39	4.07	4.47
Mexico .....	6.95	5.82	5.82	5.82	5.82
<b>Total LNG Exports .....</b>	<b>3.10</b>	<b>4.31</b>	<b>4.40</b>	<b>4.08</b>	<b>4.48</b>
<b>Total Exports .....</b>	<b>2.61</b>	<b>4.10</b>	<b>4.19</b>	<b>3.41</b>	<b>5.57</b>
<b>Net Imports - Volume .....</b>	<b>3,422,090</b>	<b>3,537,887</b>	<b>3,603,661</b>	<b>3,499,230</b>	<b>3,304,567</b>

<sup>a</sup> Beginning with data for January 2001, EIA is reducing 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.

— Not Applicable.

**Sources:** Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports," and EIA estimates of dry natural gas imports. LNG data: Industry reports.

**Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004**  
(Million Cubic Feet)

Year and Month	Alabama	Alaska	Arizona	California	Colorado	Florida	Kansas
<b>1999 Total</b> .....	<b>381,701</b>	<b>462,967</b>	<b>474</b>	<b>382,715</b>	<b>722,738</b>	<b>5,933</b>	<b>553,419</b>
<b>2000 Total</b> .....	<b>363,467</b>	<b>458,995</b>	<b>368</b>	<b>376,580</b>	<b>752,985</b>	<b>6,491</b>	<b>525,729</b>
<b>2001 Total</b> .....	<b>356,810</b>	<b>471,440</b>	<b>307</b>	<b>377,824</b>	<b>817,206</b>	<b>5,710</b>	<b>480,145</b>
<b>2002</b>							
January .....	29,824	42,581	26	30,406	74,313	283	39,756
February .....	27,219	38,689	23	26,460	67,101	284	35,447
March .....	29,303	43,240	26	29,035	75,614	328	39,467
April .....	28,624	37,260	23	27,670	71,202	306	38,367
May .....	28,908	33,128	23	29,771	71,555	297	39,455
June .....	28,600	36,367	24	29,129	68,970	241	38,787
July .....	29,707	35,925	29	31,437	70,861	284	39,030
August .....	31,095	36,326	28	31,498	71,988	281	38,810
September .....	30,166	37,770	28	30,881	64,981	289	36,242
October .....	31,594	39,890	25	32,190	72,442	248	37,093
November .....	30,465	39,339	23	30,925	64,602	244	35,767
December .....	30,556	42,787	23	30,804	67,893	269	36,679
<b>Total</b> .....	<b>356,061</b>	<b>463,301</b>	<b>301</b>	<b>360,205</b>	<b>841,521</b>	<b>3,353</b>	<b>454,901</b>
<b>2003</b>							
January .....	30,763	42,229	22	29,894	83,130	236	36,158
February .....	28,063	38,442	21	27,119	75,511	<sup>£</sup> 200	32,308
March .....	31,401	52,604	21	29,442	82,932	<sup>£</sup> 234	35,429
April .....	29,782	39,481	21	<sup>£</sup> 28,574	78,817	<sup>£</sup> 210	34,533
May .....	29,933	36,457	24	29,536	81,900	210	38,050
June .....	29,136	36,077	23	28,445	78,820	280	33,991
July .....	29,643	35,809	24	29,568	78,272	275	35,848
August .....	30,317	35,327	22	28,101	77,726	236	36,294
September .....	28,868	36,478	21	27,467	80,855	272	34,554
October .....	29,525	40,135	21	27,391	79,555	294	34,781
November .....	28,276	40,580	20	26,745	80,731	<sup>£</sup> 266	33,706
December .....	28,387	42,616	22	27,491	77,478	288	34,262
<b>Total</b> .....	<b>354,096</b>	<b>476,236</b>	<b>262</b>	<sup>£</sup> <b>339,773</b>	<b>955,727</b>	<sup>£</sup> <b>3,000</b>	<b>419,913</b>
<b>2004</b>							
January .....	27,875	43,810	46	27,837	87,867	284	34,154
February .....	25,595	39,611	45	25,625	76,934	191	31,125
March .....	27,723	42,977	49	26,765	86,744	271	33,804
April .....	26,544	40,151	21	26,477	84,155	278	32,888
May .....	27,502	35,048	22	26,523	87,507	264	34,030
June .....	<sup>£</sup> 26,168	36,110	22	26,250	79,480	276	32,754
July .....	<sup>£</sup> 27,132	36,562	22	26,858	<sup>£</sup> 79,816	328	33,626
<b>2004 YTD</b> .....	<sup>£</sup> <b>188,538</b>	<b>274,268</b>	<b>229</b>	<b>186,334</b>	<sup>£</sup> <b>582,502</b>	<b>1,892</b>	<b>232,382</b>
<b>2003 YTD</b> .....	<b>208,722</b>	<b>281,100</b>	<b>156</b>	<sup>£</sup> <b>202,578</b>	<b>559,382</b>	<sup>£</sup> <b>1,645</b>	<b>246,317</b>
<b>2002 YTD</b> .....	<b>202,185</b>	<b>267,189</b>	<b>175</b>	<b>203,907</b>	<b>499,615</b>	<b>2,022</b>	<b>270,308</b>

See footnotes at end of table.

**Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004**

(Million Cubic Feet) — Continued

Year and Month	Louisiana	Michigan	Mississippi	Montana	New Mexico	North Dakota	Oklahoma
<b>1999 Total</b> .....	<b>1,566,916</b>	<b>277,364</b>	<b>111,021</b>	<b>61,163</b>	<b>1,511,671</b>	<b>52,862</b>	<b>1,594,002</b>
<b>2000 Total</b> .....	<b>1,455,014</b>	<b>296,556</b>	<b>88,558</b>	<b>69,936</b>	<b>1,695,295</b>	<b>52,426</b>	<b>1,612,890</b>
<b>2001 Total</b> .....	<b>1,502,086</b>	<b>275,036</b>	<b>107,541</b>	<b>81,397</b>	<b>1,689,125</b>	<b>54,732</b>	<b>1,615,384</b>
<b>2002</b>							
January .....	117,669	34,721	9,510	7,390	141,440	4,760	135,000
February .....	108,552	13,117	8,855	6,749	128,689	4,282	118,023
March .....	117,930	31,181	9,016	7,406	141,104	4,712	131,581
April .....	114,112	17,397	8,706	6,913	133,596	4,621	130,803
May .....	119,354	29,161	9,321	7,157	139,328	4,907	132,939
June .....	117,417	17,542	9,065	6,614	130,375	4,627	123,978
July .....	118,644	34,609	9,067	7,251	137,861	4,768	131,546
August .....	115,392	13,770	9,443	7,171	136,832	4,874	131,156
September .....	107,291	18,666	10,110	7,037	133,572	5,270	127,487
October .....	102,774	29,863	10,172	7,429	139,159	4,865	134,834
November .....	110,156	15,889	9,464	7,070	133,847	4,629	127,526
December .....	112,458	18,560	10,250	7,888	136,276	4,733	126,397
<b>Total</b> .....	<b>1,361,751</b>	<b>274,476</b>	<b>112,980</b>	<b>86,075</b>	<b>1,632,080</b>	<b>57,048</b>	<b>1,551,272</b>
<b>2003</b>							
January .....	<sup>E</sup> 113,923	30,488	10,990	6,902	129,805	4,607	<sup>E</sup> 141,591
February .....	<sup>E</sup> 106,400	15,229	9,530	6,546	118,977	4,132	<sup>E</sup> 128,156
March .....	<sup>E</sup> 118,513	22,663	10,566	7,116	133,383	4,557	<sup>E</sup> 140,777
April .....	<sup>E</sup> 116,731	15,026	10,924	6,817	126,853	4,311	<sup>E</sup> 134,043
May .....	<sup>E</sup> 119,816	22,584	11,317	6,767	130,740	4,470	<sup>E</sup> 140,654
June .....	<sup>E</sup> 111,791	17,416	11,065	6,788	124,507	4,595	<sup>E</sup> 136,475
July .....	<sup>E</sup> 115,349	21,166	11,099	6,971	130,915	4,714	<sup>E</sup> 143,336
August .....	<sup>E</sup> 118,792	18,469	11,643	6,597	128,559	4,739	<sup>E</sup> 143,367
September .....	<sup>E</sup> 112,109	28,238	11,746	6,987	129,390	4,781	<sup>E</sup> 137,758
October .....	<sup>E</sup> 112,441	19,122	12,271	7,362	132,421	4,804	<sup>E</sup> 142,165
November .....	<sup>E</sup> 111,678	9,571	11,435	<sup>E</sup> 7,317	128,554	4,868	<sup>E</sup> 137,698
December .....	<sup>E</sup> 114,684	18,542	13,458	<sup>E</sup> 8,171	131,138	4,983	<sup>E</sup> 142,843
<b>Total</b> .....	<sup>E</sup> <b>1,372,227</b>	<b>238,513</b>	<b>136,043</b>	<sup>E</sup> <b>84,344</b>	<b>1,545,243</b>	<b>55,561</b>	<sup>E</sup> <b>1,668,863</b>
<b>2004</b>							
January .....	<sup>E</sup> 114,433	24,888	12,308	7,844	131,268	5,072	<sup>E</sup> 144,322
February .....	<sup>E</sup> 106,498	10,202	12,149	7,245	121,355	5,238	<sup>E</sup> 135,444
March .....	<sup>E</sup> 113,718	27,599	12,799	7,864	117,863	4,890	<sup>E</sup> 145,710
April .....	<sup>E</sup> 114,571	21,616	12,593	7,521	123,662	4,542	<sup>E</sup> 141,517
May .....	<sup>E</sup> 117,705	12,493	13,233	<sup>E</sup> 8,029	111,417	4,353	<sup>E</sup> 145,587
June .....	<sup>E</sup> 112,765	26,914	12,565	<sup>E</sup> 7,158	106,005	4,220	<sup>E</sup> 139,966
July .....	<sup>E</sup> 117,830	22,400	13,860	<sup>E</sup> 7,683	<sup>E</sup> 112,752	4,334	<sup>E</sup> 145,125
<b>2004 YTD</b> .....	<sup>E</sup> <b>797,520</b>	<b>146,112</b>	<b>89,506</b>	<sup>E</sup> <b>53,344</b>	<sup>E</sup> <b>824,322</b>	<b>32,649</b>	<sup>E</sup> <b>997,671</b>
<b>2003 YTD</b> .....	<sup>E</sup> <b>802,523</b>	<b>144,571</b>	<b>75,491</b>	<b>47,908</b>	<b>895,181</b>	<b>31,386</b>	<sup>E</sup> <b>965,032</b>
<b>2002 YTD</b> .....	<b>813,681</b>	<b>177,728</b>	<b>63,542</b>	<b>49,480</b>	<b>952,394</b>	<b>32,677</b>	<b>903,871</b>

See footnotes at end of table.

**Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004**  
(Million Cubic Feet) — Continued

Year and Month	Oregon	Texas	Utah	Wyoming	Other <sup>a</sup> States	Federal Gulf of Mexico	U.S. Total
<b>1999 Total</b> .....	<b>1,291</b>	<b>5,054,486</b>	<b>262,614</b>	<b>971,230</b>	<b>800,579</b>	<b>5,029,704</b>	<b>19,804,848</b>
<b>2000 Total</b> .....	<b>1,214</b>	<b>5,282,104</b>	<b>269,285</b>	<b>1,088,328</b>	<b>866,902</b>	<b>4,934,387</b>	<b>20,197,511</b>
<b>2001 Total</b> .....	<b>1,110</b>	<b>5,282,723</b>	<b>283,913</b>	<b>1,363,879</b>	<b>776,303</b>	<b>5,027,623</b>	<b>20,570,295</b>
<b>2002</b>							
January .....	75	438,365	23,711	119,588	69,088	386,488	1,704,995
February .....	69	395,589	21,659	110,642	65,072	351,663	1,528,184
March .....	71	437,880	23,756	118,889	71,191	393,909	1,705,641
April .....	74	424,705	22,507	117,690	66,003	401,856	1,652,435
May .....	73	437,461	23,348	123,154	66,851	417,287	1,713,477
June .....	73	424,759	22,313	117,021	68,153	404,334	1,648,390
July .....	71	438,307	22,564	122,163	65,435	420,912	1,720,471
August .....	68	434,699	23,058	110,766	67,880	423,333	1,688,469
September .....	63	418,082	21,574	118,447	65,604	354,217	1,587,778
October .....	70	437,424	23,330	129,180	70,392	332,977	1,635,953
November .....	65	420,265	23,074	130,736	70,060	387,666	1,641,812
December .....	64	433,539	23,845	135,681	75,773	398,713	1,693,187
<b>Total</b> .....	<b>837</b>	<b>5,141,075</b>	<b>274,739</b>	<b>1,453,957</b>	<b>821,503</b>	<b>4,673,355</b>	<b>19,920,790</b>
<b>2003</b>							
January .....	70	<sup>£</sup> 447,039	23,759	132,547	<sup>£</sup> 71,375	<sup>£</sup> 385,124	<sup>£</sup> 1,720,652
February .....	64	<sup>£</sup> 405,902	21,511	118,544	<sup>£</sup> 67,669	<sup>£</sup> 353,487	<sup>£</sup> 1,557,812
March .....	<sup>£</sup> 70	<sup>£</sup> 448,607	23,993	130,518	<sup>£</sup> 73,575	<sup>£</sup> 396,999	<sup>£</sup> 1,743,400
April .....	66	<sup>£</sup> 425,355	22,719	123,604	<sup>£</sup> 69,024	<sup>£</sup> 386,800	<sup>£</sup> 1,653,690
May .....	68	<sup>£</sup> 448,495	<sup>£</sup> 23,450	116,924	<sup>£</sup> 67,756	<sup>£</sup> 392,155	<sup>£</sup> 1,701,305
June .....	61	<sup>£</sup> 433,918	22,139	120,000	<sup>£</sup> 70,961	<sup>£</sup> 370,049	<sup>£</sup> 1,636,538
July .....	61	<sup>£</sup> 451,986	21,673	122,714	<sup>£</sup> 67,236	<sup>£</sup> 380,073	<sup>£</sup> 1,686,733
August .....	62	<sup>£</sup> 451,930	22,253	122,837	<sup>£</sup> 70,298	<sup>£</sup> 376,874	<sup>£</sup> 1,684,444
September .....	54	<sup>£</sup> 435,111	21,729	124,132	<sup>£</sup> 68,911	<sup>£</sup> 357,357	<sup>£</sup> 1,646,818
October .....	49	<sup>£</sup> 446,319	22,621	131,349	<sup>£</sup> 73,530	<sup>£</sup> 370,262	<sup>£</sup> 1,686,417
November .....	50	<sup>£</sup> 432,782	21,865	127,995	<sup>£</sup> 71,406	<sup>£</sup> 346,876	<sup>£</sup> 1,622,420
December .....	56	<sup>£</sup> 450,460	22,889	134,288	<sup>£</sup> 77,639	<sup>£</sup> 360,009	<sup>£</sup> 1,689,704
<b>Total</b> .....	<b><sup>£</sup>731</b>	<b><sup>£</sup>5,277,904</b>	<b><sup>£</sup>270,600</b>	<b>1,505,452</b>	<b><sup>£</sup>849,381</b>	<b><sup>£</sup>4,476,065</b>	<b><sup>£</sup>20,029,934</b>
<b>2004</b>							
January .....	49	<sup>£</sup> 453,985	21,237	132,555	<sup>£</sup> 71,291	<sup>£</sup> 368,343	<sup>£</sup> 1,709,468
February .....	42	<sup>£</sup> 425,427	21,567	124,765	<sup>£</sup> 67,687	<sup>£</sup> 351,387	<sup>£</sup> 1,588,132
March .....	43	<sup>£</sup> 458,324	22,991	133,991	<sup>£</sup> 74,826	<sup>£</sup> 359,476	<sup>£</sup> 1,698,428
April .....	39	<sup>£</sup> 445,476	22,429	129,444	<sup>£</sup> 68,574	<sup>£</sup> 331,173	<sup>£</sup> 1,633,672
May .....	37	<sup>£</sup> 457,852	23,376	133,697	<sup>£</sup> 69,085	<sup>£</sup> 348,524	<sup>RE</sup> 1,656,282
June .....	32	<sup>£</sup> 438,779	<sup>R</sup> 22,841	129,075	<sup>£</sup> 71,430	<sup>£</sup> 328,521	<sup>RE</sup> 1,601,330
July .....	<sup>£</sup> 34	<sup>£</sup> 451,488	<sup>£</sup> 22,704	133,734	<sup>£</sup> 67,949	<sup>£</sup> 347,693	<sup>RE</sup> 1,651,930
<b>2004 YTD</b> .....	<b><sup>£</sup>276</b>	<b><sup>£</sup>3,131,331</b>	<b><sup>£</sup>157,144</b>	<b>917,262</b>	<b><sup>£</sup>490,842</b>	<b><sup>£</sup>2,435,117</b>	<b><sup>£</sup>11,539,242</b>
<b>2003 YTD</b> .....	<b><sup>£</sup>459</b>	<b><sup>£</sup>3,061,302</b>	<b><sup>£</sup>159,244</b>	<b>864,851</b>	<b><sup>£</sup>487,596</b>	<b><sup>£</sup>2,664,687</b>	<b><sup>£</sup>11,700,131</b>
<b>2002 YTD</b> .....	<b>506</b>	<b>2,997,066</b>	<b>159,858</b>	<b>829,147</b>	<b>471,793</b>	<b>2,776,449</b>	<b>11,673,592</b>

<sup>a</sup> Includes Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Pennsylvania, South Dakota, Tennessee, Virginia, and West Virginia. The 2003 monthly values for these States are estimated.

<sup>R</sup> Revised Data.

<sup>E</sup> Estimated Data.

<sup>RE</sup> Revised Estimated Data.

**Notes:** Data for 1998 through 2002 are final. All other data are preliminary

unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 2 for discussion of computation procedures and revision policy.

**Sources:** 1998-2002: Energy Information Administration (EIA), *Natural Gas Annual 2002* and Minerals Management Service reports. January 2003 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Minerals Management Service reports, and EIA computations.

**Table 8. Gross Withdrawals and Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, July 2004**

(Million Cubic Feet)

State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed <sup>a</sup>	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama .....	<sup>E</sup> 28,580	<sup>E</sup> 450	<sup>E</sup> 29,029	<sup>E</sup> 140	<sup>E</sup> 1,578	<sup>E</sup> 180	<sup>E</sup> 27,132
Alaska .....	16,212	249,393	265,604	228,531	0	512	36,562
Arizona .....	22	0	22	0	0	0	22
California .....	6,490	22,968	29,459	2,188	278	135	26,858
Colorado .....	<sup>E</sup> 69,423	<sup>E</sup> 11,301	<sup>E</sup> 80,725	<sup>E</sup> 807	<sup>E</sup> 0	<sup>E</sup> 101	<sup>E</sup> 79,816
Florida .....	0	370	370	0	<sup>E</sup> 42	0	328
Kansas .....	33,717	0	33,717	57	0	34	33,626
Louisiana .....	<sup>E</sup> 101,050	<sup>E</sup> 18,603	<sup>E</sup> 119,653	<sup>E</sup> 1,006	<sup>E</sup> 0	<sup>E</sup> 817	<sup>E</sup> 117,830
Michigan .....	18,230	4,558	22,788	161	0	228	22,400
Mississippi .....	15,213	328	15,541	851	508	322	13,860
Montana .....	<sup>E</sup> 6,928	<sup>E</sup> 828	<sup>E</sup> 7,756	<sup>E</sup> 0	0	<sup>E</sup> 73	<sup>E</sup> 7,683
New Mexico .....	<sup>E</sup> 96,781	<sup>E</sup> 16,927	<sup>E</sup> 113,708	<sup>E</sup> 680	<sup>E</sup> 0	<sup>E</sup> 276	<sup>E</sup> 112,752
North Dakota .....	954	3,792	4,746	0	14	398	4,334
Oklahoma .....	<sup>E</sup> 131,197	<sup>E</sup> 13,928	<sup>E</sup> 145,125	<sup>E</sup> 0	<sup>E</sup> 0	<sup>E</sup> 0	<sup>E</sup> 145,125
Oregon .....	<sup>E</sup> 34	<sup>E</sup> 0	<sup>E</sup> 34	<sup>E</sup> 0	<sup>E</sup> 0	<sup>E</sup> 0	<sup>E</sup> 34
Texas .....	<sup>E</sup> 404,910	<sup>E</sup> 97,976	<sup>E</sup> 502,886	<sup>E</sup> 37,879	<sup>E</sup> 11,427	<sup>E</sup> 2,092	<sup>E</sup> 451,488
Utah .....	<sup>E</sup> 21,114	<sup>E</sup> 2,618	<sup>E</sup> 23,732	<sup>E</sup> 113	<sup>E</sup> 873	<sup>E</sup> 42	<sup>E</sup> 22,704
Wyoming .....	145,590	<sup>E</sup> 16,634	162,224	9,993	17,281	1,216	133,734
Other States .....	<sup>E</sup> 66,014	<sup>E</sup> 2,507	<sup>E</sup> 68,520	<sup>E</sup> 0	<sup>E</sup> 451	<sup>E</sup> 120	<sup>E</sup> 67,949
Federal Gulf of Mexico .....	<sup>E</sup> 282,292	<sup>E</sup> 68,056	<sup>E</sup> 350,348	<sup>E</sup> 1,160	0	<sup>E</sup> 1,495	<sup>E</sup> 347,693
<b>Total .....</b>	<b><sup>RE</sup>1,444,751</b>	<b><sup>RE</sup>531,237</b>	<b><sup>RE</sup>1,975,988</b>	<b><sup>RE</sup>283,566</b>	<b><sup>RE</sup>32,452</b>	<b><sup>RE</sup>8,041</b>	<b><sup>RE</sup>1,651,930</b>

<sup>a</sup> See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

<sup>E</sup> Estimated Data.

<sup>RE</sup> Revised Estimated Data.

**Notes:** All monthly data are considered preliminary until publication of the

*Natural Gas Annual* for that year. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 2 for discussion of computation procedures and revision policy.

**Source:** Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" and EIA estimates.

**Table 9. Underground Natural Gas Storage - All Operators, 1999-2004**  
(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>b</sup>	Volume	Percent	Injections	Withdrawals	Net Withdrawals <sup>c</sup>
<b>1999 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>2,598</b>	<b>2,772</b>	<b>174</b>
<b>2000 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>2,684</b>	<b>3,498</b>	<b>814</b>
<b>2001 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>3,464</b>	<b>2,309</b>	<b>-1,156</b>
<b>2002</b>								
January .....	4,313	2,344	6,657	1,078	85.2	59	606	546
February .....	4,356	1,838	6,194	925	101.4	55	520	464
March .....	4,355	1,518	5,873	776	104.7	108	428	320
April .....	4,355	1,659	6,014	666	67.1	238	112	-126
May .....	4,361	1,968	6,329	528	36.7	381	60	-322
June .....	4,355	2,308	6,663	426	22.6	397	56	-341
July .....	4,358	2,539	6,896	278	12.3	343	101	-242
August .....	4,357	2,773	7,130	198	7.7	325	90	-236
September .....	4,342	3,042	7,384	97	3.3	340	71	-269
October .....	4,342	3,116	7,458	-28	-0.9	232	145	-87
November .....	4,344	2,929	7,273	-325	-10.0	124	322	198
December .....	4,340	2,375	6,715	-528	-18.2	66	627	560
<b>Total</b> .....	—	—	—	—	—	<b>2,670</b>	<b>3,138</b>	<b>468</b>
<b>2003</b>								
January .....	4,342	1,534	5,876	-810	-34.5	44	886	841
February .....	4,334	864	5,198	-974	-53.0	48	723	676
March .....	4,324	730	5,054	-788	-51.9	169	305	136
April .....	4,315	896	5,211	-763	-46.0	277	118	-158
May .....	4,322	1,300	5,622	-668	-33.9	453	41	-412
June .....	4,323	1,768	6,091	-540	-23.4	506	36	-470
July .....	4,323	2,129	6,451	-410	-16.1	426	64	-361
August .....	4,324	2,435	6,760	-338	-12.2	371	62	-309
September .....	4,328	2,843	7,171	-199	-6.5	441	31	-411
October .....	4,327	3,130	7,457	14	0.5	343	59	-284
November .....	4,305	3,038	7,343	110	3.7	142	228	86
December .....	4,305	2,565	6,869	189	8.0	70	543	473
<b>Total</b> .....	—	—	—	—	—	<b>3,288</b>	<b>3,095</b>	<b>-193</b>
<b>2004</b>								
January .....	4,301	1,751	6,052	217	14.1	59	869	811
February .....	4,297	1,156	5,452	292	33.8	47	646	600
March .....	4,283	1,058	5,342	328	45.0	165	269	103
April .....	4,283	1,252	5,535	357	39.8	293	95	-198
May .....	4,287	1,624	5,911	323	24.9	421	43	-379
June .....	4,284	2,023	6,307	255	14.4	428	31	-397
July .....	4,287	2,395	6,681	266	12.5	422	56	-366
August .....	4,262	2,743	7,005	307	12.6	402	57	-345
September .....	4,254	3,057	7,310	214	7.5	390	65	-325

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

<sup>b</sup> Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1999 - 8,229; 2000 - 8,241; 2001 - 8,415; and 2002 - 8,207.

<sup>c</sup> Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

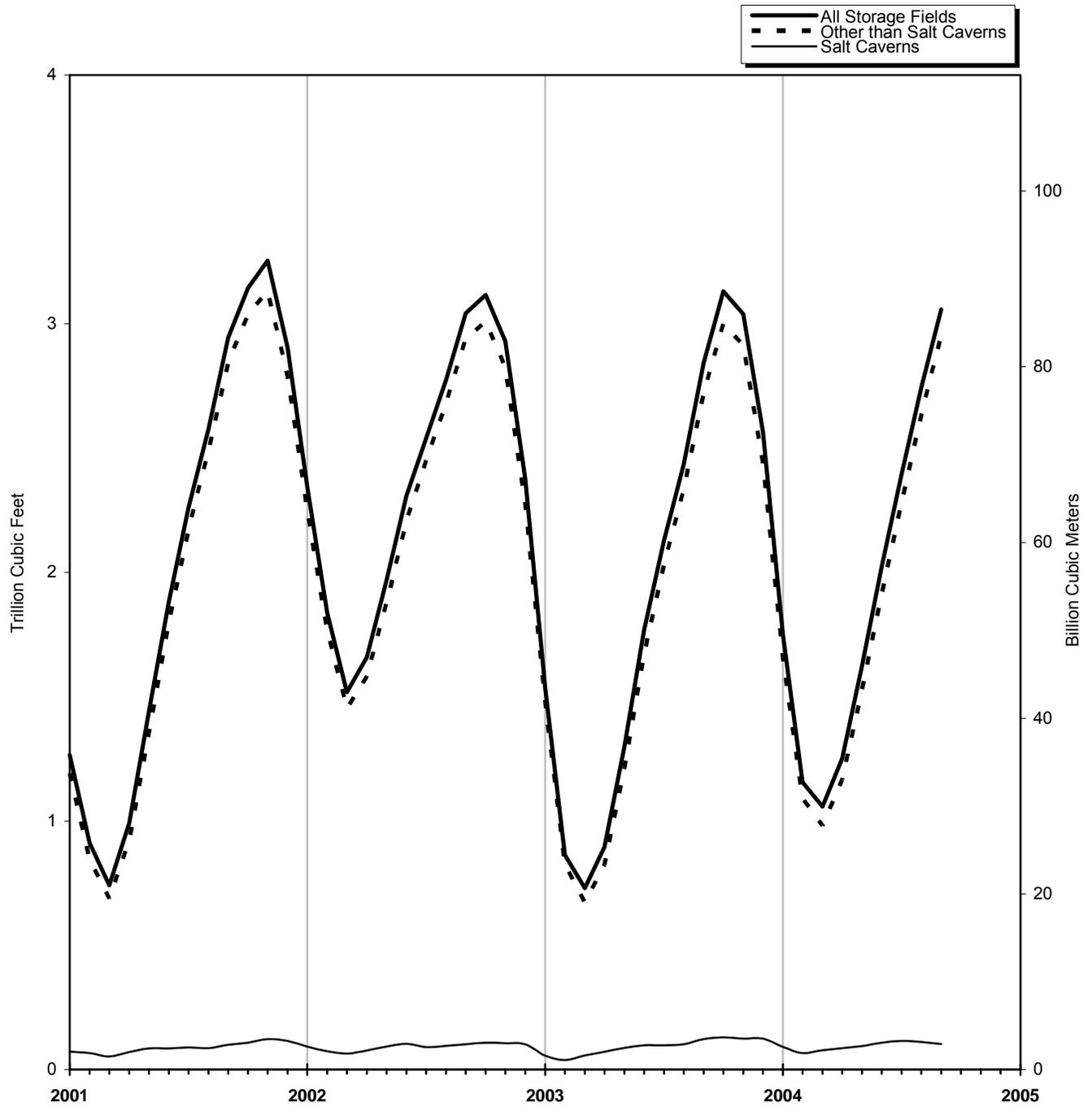
**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion

of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

**Sources:** Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Figure 5

Figure 5. Working Gas in Underground Natural Gas Storage in the U.S., 2001-2004



Sources: Tables 10, 11 and 12.

Table 10. Underground Natural Gas Storage - by Season, 2002-2004

(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>
March 2002 .....	4,355	1,518	5,873	776	104.7	108	428	320
<b>2002 Refill Season</b>								
April .....	4,355	1,659	6,014	666	67.1	238	112	-126
May .....	4,361	1,968	6,329	528	36.7	381	60	-322
June .....	4,355	2,308	6,663	426	22.6	397	56	-341
July .....	4,358	2,539	6,896	278	12.3	343	101	-242
August .....	4,357	2,773	7,130	198	7.7	325	90	-236
September .....	4,342	3,042	7,384	97	3.3	340	71	-269
October .....	4,342	3,116	7,458	-28	-0.9	232	145	-87
<b>Total .....</b>	—	—	—	—	—	<b>2,257</b>	<b>635</b>	<b>-1,621</b>
<b>2002-2003 Heating Season</b>								
November .....	4,344	2,929	7,273	-325	-10.0	124	322	198
December .....	4,340	2,375	6,715	-528	-18.2	66	627	560
January .....	4,342	1,534	5,876	-810	-34.5	44	886	841
February .....	4,334	864	5,198	-974	-53.0	48	723	676
March .....	4,324	730	5,054	-788	-51.9	169	305	136
<b>Total .....</b>	—	—	—	—	—	<b>451</b>	<b>2,862</b>	<b>2,411</b>
<b>2003 Refill Season</b>								
April .....	4,315	896	5,211	-763	-46.0	277	118	-158
May .....	4,322	1,300	5,622	-668	-33.9	453	41	-412
June .....	4,323	1,768	6,091	-540	-23.4	506	36	-470
July .....	4,323	2,129	6,451	-410	-16.1	426	64	-361
August .....	4,324	2,435	6,760	-338	-12.2	371	62	-309
September .....	4,328	2,843	7,171	-199	-6.5	441	31	-411
October .....	4,327	3,130	7,457	14	0.5	343	59	-284
<b>Total .....</b>	—	—	—	—	—	<b>2,816</b>	<b>411</b>	<b>-2,405</b>
<b>2003-2004 Heating Season</b>								
November .....	4,305	3,038	7,343	110	3.7	142	228	86
December .....	4,305	2,565	6,869	189	8.0	70	543	473
January .....	4,301	1,751	6,052	217	14.1	59	869	811
February .....	4,297	1,156	5,452	292	33.8	47	646	600
March .....	4,283	1,058	5,342	328	45.0	165	269	103
<b>Total .....</b>	—	—	—	—	—	<b>482</b>	<b>2,556</b>	<b>2,074</b>
<b>2004 Refill Season</b>								
April .....	4,283	1,252	5,535	357	39.8	293	95	-198
May .....	4,287	1,624	5,911	323	24.9	421	43	-379
June .....	4,284	2,023	6,307	255	14.4	428	31	-397
July .....	4,287	2,395	6,681	266	12.5	422	56	-366
August .....	4,262	2,743	7,005	307	12.6	402	57	-345
September .....	4,254	3,057	7,310	214	7.5	390	65	-325
<b>Total .....</b>	—	—	—	—	—	<b>2,356</b>	<b>347</b>	<b>-2,009</b>

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

— Not Applicable.

**Notes:** Data through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period

to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

**Sources:** Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1999-2004**  
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Salt Cavern 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
<b>1999 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>260</b>	<b>259</b>	<b>-1</b>
<b>2000 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>296</b>	<b>320</b>	<b>24</b>
<b>2001 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>341</b>	<b>294</b>	<b>-47</b>
<b>2002</b>								
January .....	77	93	170	19	26.2	24	46	22
February .....	77	74	151	7	10.9	20	38	18
March .....	77	65	142	12	22.3	27	37	9
April .....	77	77	154	6	8.1	29	17	-12
May .....	77	93	171	8	9.7	35	20	-15
June .....	77	104	181	19	22.2	32	21	-10
July .....	80	91	171	2	2.7	29	36	7
August .....	80	96	176	10	11.3	32	27	-5
September .....	81	102	184	2	2.2	34	27	-7
October .....	82	108	190	0	0.1	38	31	-7
November .....	75	106	181	-18	-14.3	29	28	0
December .....	75	102	177	-13	-10.9	30	35	4
<b>Total</b> .....	—	—	—	—	—	<b>358</b>	<b>363</b>	<b>5</b>
<b>2003</b>								
January .....	76	56	133	-36	-39.1	21	65	43
February .....	76	38	114	-37	-49.3	25	42	18
March .....	75	57	132	-8	-11.7	39	21	-18
April .....	75	72	147	-5	-6.1	34	19	-14
May .....	75	87	162	-6	-6.7	35	20	-15
June .....	75	98	172	-6	-5.7	31	20	-11
July .....	75	98	173	7	7.7	31	30	-1
August .....	75	102	177	7	6.8	27	24	-3
September .....	75	123	198	20	19.7	34	12	-21
October .....	75	130	205	22	20.1	29	21	-7
November .....	76	125	201	19	18.4	25	28	4
December .....	76	125	201	23	22.5	28	27	0
<b>Total</b> .....	—	—	—	—	—	<b>357</b>	<b>330</b>	<b>-27</b>
<b>2004</b>								
January .....	76	92	168	36	63.7	25	58	33
February .....	76	67	143	29	77.8	26	51	25
March .....	75	78	153	20	35.2	32	21	-11
April .....	75	86	161	14	19.3	29	19	-10
May .....	76	95	170	8	8.7	28	19	-9
June .....	75	108	183	10	10.3	31	18	-13
July .....	74	115	189	17	17.0	30	24	-7
August .....	74	111	185	9	8.6	28	31	3
September .....	73	103	176	-20	-16.0	29	37	8

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

— Not Applicable.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due

to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

**Sources:** Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1999-2004**  
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Non-Salt Cavern 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
<b>1999 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>2,338</b>	<b>2,512</b>	<b>175</b>
<b>2000 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>2,388</b>	<b>3,178</b>	<b>790</b>
<b>2001 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>3,123</b>	<b>2,015</b>	<b>-1,108</b>
<b>2002</b>								
January .....	4,236	2,251	6,487	1,059	88.8	36	561	525
February .....	4,279	1,764	6,043	918	108.6	36	481	446
March .....	4,278	1,453	5,731	764	111.0	80	391	311
April .....	4,278	1,582	5,860	661	71.7	209	96	-114
May .....	4,284	1,875	6,159	520	38.4	346	40	-307
June .....	4,278	2,205	6,483	407	22.6	366	35	-331
July .....	4,278	2,448	6,725	275	12.7	314	65	-249
August .....	4,277	2,678	6,954	188	7.5	293	62	-231
September .....	4,261	2,939	7,201	95	3.3	306	44	-262
October .....	4,260	3,008	7,268	-28	-0.9	194	114	-80
November .....	4,269	2,823	7,092	-308	-9.8	95	294	198
December .....	4,265	2,273	6,539	-516	-18.5	36	592	556
<b>Total</b> .....	—	—	—	—	—	<b>2,313</b>	<b>2,775</b>	<b>463</b>
<b>2003</b>								
January .....	4,265	1,478	5,743	-773	-34.3	23	821	798
February .....	4,258	826	5,084	-938	-53.2	23	681	658
March .....	4,249	673	4,922	-780	-53.7	130	284	154
April .....	4,240	824	5,064	-758	-47.9	243	99	-144
May .....	4,247	1,213	5,461	-662	-35.3	418	21	-397
June .....	4,248	1,671	5,919	-534	-24.2	474	15	-459
July .....	4,248	2,031	6,279	-417	-17.0	395	35	-360
August .....	4,250	2,333	6,583	-345	-12.9	343	37	-306
September .....	4,253	2,720	6,973	-219	-7.4	408	19	-389
October .....	4,252	3,000	7,252	-8	-0.2	315	38	-277
November .....	4,228	2,913	7,142	90	3.2	117	200	83
December .....	4,229	2,440	6,668	166	7.3	42	516	474
<b>Total</b> .....	—	—	—	—	—	<b>2,931</b>	<b>2,765</b>	<b>-166</b>
<b>2004</b>								
January .....	4,225	1,659	5,883	181	12.2	34	812	778
February .....	4,221	1,089	5,310	263	31.8	21	595	574
March .....	4,208	981	5,189	308	45.8	134	248	114
April .....	4,207	1,167	5,374	343	41.6	264	76	-188
May .....	4,212	1,529	5,741	316	26.0	393	23	-370
June .....	4,209	1,915	6,125	245	14.6	397	13	-384
July .....	4,212	2,280	6,492	249	12.3	392	32	-359
August .....	4,188	2,632	6,820	299	12.8	373	26	-347
September .....	4,181	2,953	7,134	233	8.6	361	28	-333

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

— Not Applicable.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due

to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

**Sources:** Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004**  
(Volumes in Million Cubic Feet)

State	2004						
	September	August	July	June	May	April	March
Alabama .....	1,183	-111	134	-1,092	-1,087	-477	-229
Arkansas .....	-668	-695	-590	-548	-465	-136	455
California .....	-15,284	-14,688	-9,614	-31,029	-35,502	-26,462	-7,223
Colorado .....	-4,999	-7,453	-4,223	-3,407	302	8,621	395
Illinois .....	-38,976	-34,089	-34,646	-34,451	-27,588	-750	26,768
Indiana .....	-3,544	-3,944	-3,699	-2,922	-2,258	-698	2,637
Iowa .....	-13,986	-13,985	-12,598	-5,414	-3,980	333	7,423
Kansas .....	-13,013	-16,141	-9,852	-10,639	-11,107	-3,901	1,473
Kentucky .....	-7,060	-8,503	-8,814	-8,230	-7,405	-3,128	1,245
Louisiana .....	-17,769	-28,275	-32,851	-24,818	-20,403	-12,252	-5,125
Maryland .....	-900	-823	-2,357	-3,040	-1,535	-337	523
Michigan .....	-71,683	-77,284	-78,219	-69,587	-65,345	-37,847	44,248
Minnesota .....	-271	-251	-321	-245	0	215	484
Mississippi .....	7,009	-2,439	-6,725	-7,881	-6,637	-4,293	-5,067
Missouri .....	-458	13	5	-1,197	22	28	1,108
Montana .....	-5,921	-4,509	-3,917	-2,409	-1,620	53	2,746
Nebraska .....	-1,506	-488	-1,505	-1,329	-968	-472	277
New Mexico .....	-987	13	249	248	-770	1,267	14
New York .....	-10,308	-9,668	-10,597	-12,478	-10,640	-4,618	6,405
Ohio .....	-26,185	-26,077	-30,722	-31,914	-27,981	-8,139	20,210
Oklahoma .....	-9,185	-8,458	-12,753	-20,287	-19,657	-19,278	-100
Oregon .....	-1,044	-2,022	-2,223	-3,386	8	1,477	941
Pennsylvania .....	-37,397	-38,039	-48,132	-53,872	-50,602	-24,471	20,744
Tennessee .....	-6	-55	-63	-46	-32	-32	12
Texas .....	-21,066	-16,003	-10,694	-22,749	-36,463	-39,244	-25,180
Utah .....	-6,608	-4,352	-6,491	-8,192	-8,114	-486	-714
Virginia .....	-454	-794	-258	-327	-732	-121	311
Washington .....	-2,509	-1,980	1,118	242	-4,075	-3,032	-1,019
West Virginia .....	-16,138	-20,409	-32,220	-31,801	-31,726	-17,117	8,687
Wyoming .....	-4,845	-3,402	-3,382	-3,774	-2,484	-2,598	995
<b>AGA Regions</b>							
Producing .....	-54,496	-72,109	-73,081	-87,766	-96,589	-78,313	-33,758
Eastern Consuming .....	-228,602	-234,146	-263,823	-256,609	-230,770	-97,369	140,597
Western Consuming .....	-41,479	-38,658	-29,052	-52,201	-51,486	-22,211	-3,396
<b>Total .....</b>	<b>-324,577</b>	<b>-344,913</b>	<b>-365,955</b>	<b>-396,576</b>	<b>-378,845</b>	<b>-197,893</b>	<b>103,444</b>

See footnotes at end of table.

**Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004**  
(Volumes in Million Cubic Feet) — Continued

State	2004		2003				
	February	January	Total	December	November	October	September
Alabama .....	1,180	2,417	-4,165	323	20	-728	-1,240
Arkansas .....	1,331	1,912	-1	1,212	97	-679	-907
California .....	42,943	53,688	-712	35,860	4,514	-20,167	-21,318
Colorado .....	4,712	3,491	-762	1,931	1,823	-3,062	-4,206
Illinois .....	44,777	67,571	-7,505	43,473	14,742	-32,129	-33,079
Indiana .....	4,296	6,897	224	4,066	-1,204	-3,346	-3,822
Iowa .....	15,287	21,055	-1,774	16,451	2,186	-13,224	-14,850
Kansas .....	17,994	23,978	-9,707	14,208	7,406	-7,672	-15,287
Kentucky .....	12,941	18,860	-2,547	10,377	3,338	-7,149	-8,643
Louisiana .....	56,412	50,936	-21,853	34,617	4,456	-30,130	-41,817
Maryland .....	2,661	5,535	-224	286	421	-1,815	-160
Michigan .....	99,628	153,143	-44,804	79,961	14,611	-52,328	-74,175
Minnesota .....	88	612	523	612	-135	-176	-239
Mississippi .....	5,650	12,798	-702	10,058	4,736	-94	-3,571
Missouri .....	29	982	295	-26	-160	18	-477
Montana .....	4,817	5,639	8,564	3,485	2,704	-1,585	-1,551
Nebraska .....	1,317	797	2,853	652	1,113	-814	-1,291
New Mexico .....	1,276	1,084	2,108	1,750	1,082	-1,726	-30
New York .....	14,634	23,686	-6,368	13,298	1,217	-7,556	-9,733
Ohio .....	37,598	53,518	-2,986	39,469	13,417	-14,886	-25,377
Oklahoma .....	31,718	34,428	-18,492	17,152	-21	-12,579	-28,604
Oregon .....	1,501	2,680	786	902	956	-259	-1,220
Pennsylvania .....	71,541	117,685	-41,630	51,474	3,942	-27,002	-51,734
Tennessee .....	51	103	38	51	0	-46	-2
Texas .....	71,692	66,335	-31,161	33,604	-10,501	-29,757	-33,418
Utah .....	10,077	12,729	4,653	10,044	5,607	-3,807	-4,182
Virginia .....	366	975	-757	545	213	-129	-615
Washington .....	5,119	2,817	-1,736	499	167	1,266	-1,935
West Virginia .....	33,624	58,367	-20,831	42,297	7,466	-9,676	-24,067
Wyoming .....	4,271	5,898	6,155	4,788	2,279	-2,733	-3,016
<b>AGA Regions</b>							
Producing .....	187,253	193,887	-83,973	112,925	7,274	-83,365	-124,874
Eastern Consuming .....	338,749	529,175	-126,017	302,375	61,302	-170,080	-248,025
Western Consuming .....	73,528	87,553	17,469	58,122	17,915	-30,524	-37,667
<b>Total .....</b>	<b>599,531</b>	<b>810,616</b>	<b>-192,521</b>	<b>473,421</b>	<b>86,491</b>	<b>-283,970</b>	<b>-410,566</b>

See footnotes at end of table.

**Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004**  
(Volumes in Million Cubic Feet) — Continued

State	2003					
	August	July	June	May	April	March
Alabama .....	-144	-779	-742	-990	-797	-456
Arkansas .....	-977	-752	-741	-632	-209	341
California .....	-9,889	-12,996	-30,296	-27,859	-13,402	12,130
Colorado .....	-6,122	-3,424	-4,683	638	773	2,924
Illinois .....	-28,871	-32,362	-32,673	-29,399	-8,980	11,028
Indiana .....	-2,907	-2,862	-3,017	-1,609	158	1,946
Iowa .....	-12,884	-10,709	-5,103	-3,694	-80	4,895
Kansas .....	-9,840	-9,728	-18,311	-11,018	-521	-4,997
Kentucky .....	-7,289	-9,214	-13,017	-9,916	-2,675	3,213
Louisiana .....	-20,684	-23,420	-33,846	-28,994	-11,766	7,692
Maryland .....	-110	-1,363	-2,816	-2,534	-750	-124
Michigan .....	-73,438	-92,383	-84,460	-71,124	-20,439	42,692
Minnesota .....	-259	-331	-309	0	0	199
Mississippi .....	-944	-7,197	-8,962	-8,651	-1,746	-8,327
Missouri .....	25	23	27	-1,524	445	170
Montana .....	-1,983	-2,317	-1,720	-1,041	-179	3,666
Nebraska .....	651	1,146	-1,004	-537	-248	504
New Mexico .....	-619	346	-605	45	-471	184
New York .....	-9,714	-11,871	-13,110	-9,786	-4,999	6,003
Ohio .....	-26,603	-31,747	-31,526	-31,723	-9,789	10,463
Oklahoma .....	-10,965	-11,064	-24,846	-23,041	-9,198	13,335
Oregon .....	-2,140	-2,348	-3,529	-113	1,174	2,426
Pennsylvania .....	-37,772	-39,413	-61,273	-69,939	-15,724	8,917
Tennessee .....	-95	-75	0	-35	0	68
Texas .....	-14,729	-20,073	-45,027	-34,335	-32,473	5,851
Utah .....	-2,011	-1,037	-4,308	-4,476	-7,759	1,240
Virginia .....	-823	-412	-475	-447	-268	179
Washington .....	-2,957	-1,140	-2,415	-4,927	-412	-624
West Virginia .....	-22,726	-32,032	-38,730	-32,162	-16,008	5,161
Wyoming .....	-2,016	-1,955	-2,139	-2,151	-2,118	4,899
<b>AGA Regions</b>						
Producing .....	-58,903	-72,668	-133,079	-107,616	-57,180	13,624
Eastern Consuming .....	-222,556	-263,274	-287,177	-264,428	-79,357	95,115
Western Consuming .....	-27,376	-25,547	-49,399	-39,930	-21,924	26,859
<b>Total</b> .....	<b>-308,835</b>	<b>-361,489</b>	<b>-469,656</b>	<b>-411,974</b>	<b>-158,461</b>	<b>135,599</b>

See footnotes at end of table.

**Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004**  
(Volumes in Million Cubic Feet) — Continued

State	2003		2002				
	February	January	Total	December	November	October	September
Alabama .....	-420	1,789	-154	141	-397	-128	-64
Arkansas .....	1,409	1,836	397	877	167	-17	-393
California .....	49,464	33,248	17,023	44,101	-3,132	-8,108	-4,707
Colorado .....	8,432	4,213	1,141	2,057	-219	872	-4,030
Illinois .....	50,338	70,407	19,029	52,510	19,615	-29,718	-38,648
Indiana .....	5,301	7,519	1,840	3,853	-46	-2,803	-3,255
Iowa .....	13,459	21,778	4,251	18,612	-3,249	-12,503	-12,188
Kansas .....	20,396	25,657	15,153	14,652	10,367	2,040	-11,013
Kentucky .....	17,123	21,305	9,445	9,269	4,887	-1,862	-6,258
Louisiana .....	55,201	66,838	59,958	33,458	30,028	-6,298	-15,789
Maryland .....	4,003	4,738	-1,058	364	55	124	33
Michigan .....	128,637	157,642	99,889	98,551	46,792	-13,090	-49,780
Minnesota .....	504	659	-98	5	-85	-198	-300
Mississippi .....	7,791	16,204	3,133	3,591	-356	2,005	120
Missouri .....	555	1,218	-414	-118	-272	-294	-781
Montana .....	4,732	4,353	-5,933	3,487	1,926	70	-4,298
Nebraska .....	1,512	1,170	984	755	57	3	-906
New Mexico .....	1,728	424	7,815	1,956	1,366	740	-446
New York .....	17,730	22,151	2,810	15,568	3,786	-4,953	-8,707
Ohio .....	43,314	62,002	28,333	46,875	17,435	-6,995	-22,458
Oklahoma .....	32,780	38,560	36,302	22,547	9,873	3,238	-6,965
Oregon .....	2,367	2,570	-2,852	1,792	-1,318	-699	-1,900
Pennsylvania .....	77,271	119,623	56,838	75,594	9,548	-4,259	-32,448
Tennessee .....	110	62	131	46	86	2	3
Texas .....	72,434	77,260	73,811	51,271	31,687	-9,816	-19,944
Utah .....	8,305	7,036	-2,118	7,270	3,374	377	-3,608
Virginia .....	496	978	-32	442	248	-272	-344
Washington .....	7,520	3,221	-362	1,092	-1,335	1,698	-1,487
West Virginia .....	37,668	61,978	43,298	44,193	14,615	3,608	-16,504
Wyoming .....	5,576	4,741	-741	5,645	2,574	292	-1,678
<b>AGA Regions</b>							
Producing .....	191,320	228,568	196,415	128,493	82,734	-8,235	-54,494
Eastern Consuming .....	397,516	552,572	265,345	366,511	113,556	-73,011	-192,240
Western Consuming .....	86,900	60,042	6,061	65,450	1,786	-5,696	-22,009
<b>Total .....</b>	<b>675,736</b>	<b>841,183</b>	<b>467,822</b>	<b>560,454</b>	<b>198,076</b>	<b>-86,942</b>	<b>-268,743</b>

**Notes:** This table contains total net withdrawals for each State 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. Data through 2002 are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly

estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi and Alabama, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

**Source:** Form EIA-191, "Monthly Underground Gas Storage Report."

**Table 14. Activities of Underground Natural Gas Storage Operators, by State, September 2004**

(Volumes in Million Cubic Feet)

State	Total 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 .....	8,520	2,975	4,022	6,997	-1,533	-27.6	1,718	2,901
Arkansas .....	22,000	7,835	5,799	13,634	-1,203	-17.2	668	0
California .....	446,095	214,829	228,948	443,777	23,863	11.6	18,311	3,027
Colorado .....	101,055	47,441	36,671	84,112	2,177	6.3	5,443	444
Illinois .....	959,112	672,320	234,082	906,402	-3,923	-1.6	39,853	877
Indiana .....	111,680	78,060	30,191	108,251	3,565	13.4	3,668	124
Iowa .....	273,200	199,286	55,067	254,353	712	1.3	13,987	2
Kansas .....	293,574	174,977	97,782	272,759	6,749	7.4	13,717	705
Kentucky .....	220,211	139,537	72,186	211,723	4,628	6.9	7,450	389
Louisiana .....	592,516	266,222	245,324	511,547	22,782	10.2	31,361	13,592
Maryland .....	62,000	46,677	14,336	61,014	1,381	10.7	927	27
Michigan .....	1,013,437	408,457	535,454	943,911	61,922	13.1	72,016	334
Minnesota .....	7,000	4,840	1,846	6,686	0	0.0	271	0
Mississippi .....	144,787	80,375	51,113	131,488	-8,211	-13.8	6,891	13,900
Missouri .....	32,098	21,600	9,910	31,510	-112	-1.1	478	19
Montana .....	374,201	178,506	25,454	203,960	1,368	5.7	6,181	259
Nebraska .....	39,469	22,290	10,787	33,078	7,015	185.9	1,590	83
New Mexico .....	89,800	32,111	2,491	34,602	-3,498	-58.4	1,835	848
New York .....	190,157	99,090	84,843	183,933	6,461	8.2	10,410	102
Ohio .....	573,709	347,534	170,064	517,598	538	0.3	26,535	350
Oklahoma .....	389,947	207,422	143,009	350,431	18,770	15.1	12,740	3,555
Oregon .....	23,676	9,714	13,920	23,634	455	3.4	1,044	0
Pennsylvania .....	721,019	337,182	372,701	709,884	16,616	4.7	45,126	7,729
Tennessee .....	1,200	340	514	854	52	11.2	6	0
Texas .....	675,769	234,125	311,772	545,897	39,155	14.4	36,195	15,129
Utah .....	129,480	64,714	44,570	109,285	295	0.7	6,711	104
Virginia .....	6,344	3,126	3,253	6,379	6	0.2	894	439
Washington .....	39,628	20,433	20,565	40,998	884	4.5	2,721	212
West Virginia .....	492,025	266,898	199,653	466,551	8,427	4.4	16,235	97
Wyoming .....	115,069	64,986	30,221	95,207	4,294	16.6	4,986	141
<b>AGA Regions</b>								
Producing .....	2,216,912	1,006,042	861,312	1,867,354	73,009	9.3	105,126	50,630
Eastern Consuming .....	4,695,661	2,642,400	1,793,043	4,435,442	107,288	6.4	239,174	10,573
Western Consuming .....	1,236,203	605,463	402,195	1,007,659	33,336	9.0	45,667	4,188
<b>Total .....</b>	<b>8,148,776</b>	<b>4,253,905</b>	<b>3,056,550</b>	<b>7,310,455</b>	<b>213,634</b>	<b>7.5</b>	<b>389,968</b>	<b>65,390</b>

**Notes:** 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. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly estimates. The AGA Producing Region

is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi and Alabama, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

**Source:** Form EIA-191, "Monthly Underground Gas Storage Report."

**Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004**  
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		
				September	August	July
Alabama .....	35,543	36,909	34,556	1,136	1,079	1,145
Alaska .....	12,173	10,732	11,501	1,065	513	<sup>R</sup> 467
Arizona .....	27,438	25,899	27,467	1,155	1,049	1,126
Arkansas .....	27,110	30,018	29,039	820	778	802
California .....	353,959	348,649	377,265	21,361	22,233	23,889
Colorado .....	78,234	81,066	83,658	3,971	2,893	2,837
Connecticut .....	33,644	34,021	28,136	1,037	1,059	1,048
Delaware .....	7,659	8,167	6,841	198	178	192
District of Columbia .....	9,957	10,559	8,745	275	374	244
Florida .....	12,673	12,527	11,537	740	713	741
Georgia .....	87,116	88,369	80,293	3,780	3,665	3,536
Hawaii .....	397	415	409	39	40	44
Idaho .....	14,553	13,400	14,635	533	394	460
Illinois .....	307,413	333,312	304,408	9,753	9,768	9,659
Indiana .....	102,424	111,974	106,399	2,979	3,027	2,711
Iowa .....	49,074	53,031	48,791	1,379	1,434	<sup>R</sup> 1,142
Kansas .....	49,159	52,530	50,575	1,331	1,333	1,485
Kentucky .....	39,856	43,641	37,342	1,139	1,056	1,079
Louisiana .....	34,727	36,674	36,625	1,559	1,432	1,602
Maine .....	837	858	701	32	28	28
Maryland .....	61,013	64,305	49,764	1,710	2,021	1,657
Massachusetts .....	NA	97,283	77,651	2,817	2,550	NA
Michigan .....	262,896	282,900	255,246	7,960	7,051	7,763
Minnesota .....	90,897	94,802	88,528	2,946	3,238	2,625
Mississippi .....	19,339	20,850	20,077	680	683	716
Missouri .....	83,863	87,632	81,347	2,662	2,097	2,376
Montana .....	13,941	14,012	15,135	585	381	551
Nebraska .....	30,923	30,608	31,491	834	887	943
Nevada .....	25,373	23,386	23,701	1,216	1,083	1,190
New Hampshire .....	5,966	6,109	4,914	220	195	178
New Jersey .....	170,012	181,135	141,317	5,346	5,387	5,392
New Mexico .....	25,154	23,828	25,434	858	831	865
New York .....	305,460	328,069	257,534	9,418	9,207	9,639
North Carolina .....	47,265	47,931	39,717	1,001	1,046	1,114
North Dakota .....	7,584	8,014	7,700	286	230	201
Ohio .....	231,871	252,613	220,617	6,559	5,994	6,657
Oklahoma .....	46,604	51,361	50,258	1,385	1,334	1,491
Oregon .....	27,785	27,241	28,803	998	799	1,006
Pennsylvania .....	184,509	197,299	162,671	5,032	4,685	5,039
Rhode Island .....	15,402	15,890	12,816	435	427	495
South Carolina .....	23,041	22,557	19,690	512	476	498
South Dakota .....	8,650	9,192	8,775	269	255	201
Tennessee .....	51,189	53,585	48,941	1,253	1,168	1,244
Texas .....	139,944	156,041	150,694	5,868	5,588	6,069
Utah .....	39,616	35,695	39,797	2,277	1,585	1,607
Vermont .....	2,365	2,370	2,004	76	64	68
Virginia .....	NA	60,060	46,927	1,668	1,795	1,422
Washington .....	NA	49,684	54,123	NA	NA	NA
West Virginia .....	23,245	23,395	20,553	489	447	485
Wisconsin .....	92,543	99,853	90,743	2,764	2,621	2,792
Wyoming .....	8,333	8,136	9,143	382	279	308
<b>Total .....</b>	<b>3,534,359</b>	<b>3,708,587</b>	<b>3,385,035</b>	<b>125,017</b>	<b>119,147</b>	<sup>R</sup> <b>125,333</b>

See footnotes at end of table.

**Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004**  
(Million Cubic Feet) — Continued

State	2004					
	June	May	April	March	February	January
Alabama .....	1,224	1,973	3,317	6,100	9,460	10,109
Alaska .....	538	919	1,410	2,061	2,049	3,151
Arizona .....	1,253	1,703	2,293	4,841	6,896	7,122
Arkansas .....	863	1,446	2,768	5,199	7,439	6,995
California .....	26,741	28,103	35,309	48,292	68,192	79,839
Colorado .....	3,512	4,948	8,787	11,393	19,511	20,382
Connecticut .....	1,448	2,143	4,390	5,819	8,183	8,517
Delaware .....	217	395	897	1,319	1,945	2,319
District of Columbia .....	283	382	1,003	1,537	2,376	3,484
Florida .....	839	1,078	1,394	2,008	2,516	2,644
Georgia .....	4,017	4,559	7,071	10,592	23,342	26,553
Hawaii .....	42	44	48	47	46	48
Idaho .....	711	1,016	1,465	2,478	3,497	3,999
Illinois .....	11,132	15,677	30,789	52,056	72,726	95,853
Indiana .....	3,058	5,481	8,845	17,254	25,672	33,395
Iowa .....	1,571	2,592	4,581	8,700	13,180	14,495
Kansas .....	1,699	2,729	4,426	8,707	13,892	13,557
Kentucky .....	1,142	1,494	3,569	6,628	10,337	13,412
Louisiana .....	1,662	2,055	3,015	6,073	8,500	8,830
Maine .....	31	47	101	157	180	234
Maryland .....	1,655	2,645	6,294	10,117	14,915	20,001
Massachusetts .....	3,746	5,969	12,348	16,548	23,150	22,865
Michigan .....	9,331	18,120	32,637	46,894	63,091	70,049
Minnesota .....	3,476	5,647	8,956	15,758	20,743	27,507
Mississippi .....	720	990	1,416	3,539	5,162	5,434
Missouri .....	2,882	4,663	8,951	15,345	23,231	21,657
Montana .....	853	1,078	1,415	2,227	2,988	3,863
Nebraska .....	1,112	1,753	2,792	5,801	8,101	8,699
Nevada .....	1,419	1,724	2,025	4,037	5,908	6,772
New Hampshire .....	222	377	775	1,056	1,490	1,453
New Jersey .....	5,980	8,799	20,419	29,339	42,762	46,586
New Mexico .....	990	1,719	2,619	5,047	6,138	6,087
New York .....	12,973	22,691	41,372	55,730	72,806	71,624
North Carolina .....	1,227	1,950	4,915	8,520	13,492	14,001
North Dakota .....	270	526	784	1,308	1,709	2,269
Ohio .....	6,741	12,479	26,594	41,804	58,120	66,922
Oklahoma .....	1,757	2,614	4,266	8,966	12,954	11,836
Oregon .....	1,557	2,077	2,979	4,601	6,209	7,559
Pennsylvania .....	6,564	9,913	22,879	33,138	46,965	50,294
Rhode Island .....	643	1,168	2,325	2,617	4,047	3,245
South Carolina .....	553	913	2,290	4,370	6,942	6,486
South Dakota .....	355	545	868	1,437	2,214	2,506
Tennessee .....	1,372	2,710	5,206	9,398	14,201	14,637
Texas .....	6,443	8,374	11,209	19,981	38,665	37,748
Utah .....	1,328	2,342	3,998	4,845	9,483	12,149
Vermont .....	98	177	331	432	581	539
Virginia .....	1,645	2,036	NA	9,563	14,864	19,643
Washington .....	NA	NA	5,627	8,374	10,363	13,305
West Virginia .....	482	1,258	2,947	4,438	6,544	6,154
Wisconsin .....	3,243	5,847	9,741	16,439	20,218	28,876
Wyoming .....	423	635	982	1,319	1,832	2,172
<b>Total .....</b>	<b>144,795</b>	<b>214,078</b>	<b>384,036</b>	<b>594,249</b>	<b>859,826</b>	<b>967,878</b>

See footnotes at end of table.

**Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004**  
(Million Cubic Feet) — Continued

State	2003					
	Total	December	November	October	September	August
Alabama .....	46,830	6,331	2,129	1,462	1,124	1,131
Alaska .....	16,852	2,430	2,322	1,368	898	598
Arizona .....	34,832	5,488	2,087	1,359	1,023	1,070
Arkansas .....	37,984	4,871	2,064	1,032	795	771
California .....	489,293	72,602	42,728	25,313	21,719	21,793
Colorado .....	123,593	20,732	16,013	5,782	4,537	2,693
Connecticut .....	45,132	5,788	3,470	1,852	689	1,071
Delaware .....	10,646	1,323	750	407	192	179
District of Columbia .....	15,302	2,577	1,308	858	183	299
Florida .....	<sup>R</sup> 15,850	1,637	918	767	742	739
Georgia .....	129,702	25,273	10,351	5,709	3,634	3,457
Hawaii .....	543	46	42	40	42	45
Idaho .....	18,984	3,001	1,931	652	453	355
Illinois .....	473,576	69,787	44,996	25,481	11,435	9,545
Indiana .....	157,870	24,249	13,612	8,035	3,346	2,589
Iowa .....	74,119	10,916	7,114	3,058	1,563	1,398
Kansas .....	70,540	11,177	4,706	2,127	1,618	1,344
Kentucky .....	62,356	10,808	5,256	2,652	1,479	1,048
Louisiana .....	47,337	6,786	2,079	1,797	1,614	<sup>R</sup> 1,492
Maine .....	1,192	170	103	62	30	28
Maryland .....	90,936	14,376	7,535	4,721	1,907	1,822
Massachusetts .....	NA	NA	8,848	4,641	2,855	2,591
Michigan .....	385,218	50,448	31,926	19,944	8,068	7,051
Minnesota .....	137,941	20,782	15,372	6,985	3,313	2,695
Mississippi .....	26,539	3,628	1,214	848	676	686
Missouri .....	114,613	15,964	7,473	3,544	2,466	2,113
Montana .....	20,365	3,054	2,343	956	555	413
Nebraska .....	42,170	6,372	3,540	1,650	786	905
Nevada .....	32,848	5,374	2,816	1,272	1,075	994
New Hampshire .....	NA	NA	610	338	178	162
New Jersey .....	244,254	34,596	17,786	10,737	5,173	5,125
New Mexico .....	31,562	4,758	2,002	974	813	753
New York .....	427,258	51,991	29,892	17,306	9,575	9,292
North Carolina .....	<sup>R</sup> 68,450	12,879	5,311	<sup>R</sup> 2,329	1,173	1,021
North Dakota .....	11,878	1,708	1,522	634	317	228
Ohio .....	344,512	50,079	24,630	17,191	7,055	6,264
Oklahoma .....	65,710	9,229	3,433	1,687	1,318	1,267
Oregon .....	37,300	5,653	3,179	1,227	904	819
Pennsylvania .....	265,430	37,103	18,676	12,352	4,915	4,874
Rhode Island .....	20,169	2,261	1,354	665	420	468
South Carolina .....	<sup>R</sup> 29,100	4,432	<sup>R</sup> 1,373	737	496	494
South Dakota .....	13,175	1,929	1,464	590	320	226
Tennessee .....	70,995	11,277	4,012	2,123	1,268	1,090
Texas .....	206,264	29,427	13,697	7,100	5,782	5,547
Utah .....	54,635	9,037	6,914	2,988	1,856	1,355
Vermont .....	3,118	394	235	119	63	60
Virginia .....	85,949	14,794	6,901	4,194	1,514	1,511
Washington .....	71,110	10,942	7,581	2,903	1,838	1,546
West Virginia .....	32,692	5,038	2,415	1,843	690	450
Wisconsin .....	141,953	20,287	14,270	7,543	3,470	2,613
Wyoming .....	12,021	1,834	1,404	646	401	243
<b>Total .....</b>	<b><sup>R</sup>5,094,561</b>	<b>741,673</b>	<b><sup>R</sup>413,707</b>	<b><sup>R</sup>230,595</b>	<b>128,357</b>	<b>116,318</b>

See footnotes at end of table.

**Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004**  
(Million Cubic Feet) — Continued

State	2003					
	July	June	May	April	March	February
Alabama .....	1,176	1,326	1,922	3,274	6,078	10,287
Alaska .....	435	572	935	1,328	2,046	1,705
Arizona .....	1,091	1,329	2,033	2,929	4,797	4,780
Arkansas .....	831	923	1,480	3,043	6,368	8,064
California .....	24,549	27,247	35,694	45,495	50,393	60,276
Colorado .....	2,755	3,812	5,647	8,691	14,712	20,064
Connecticut .....	1,169	1,669	2,588	4,140	5,900	8,437
Delaware .....	214	346	529	955	1,548	1,995
District of Columbia .....	295	351	573	1,053	1,714	2,677
Florida .....	755	819	978	1,195	1,587	2,830
Georgia .....	3,652	3,828	4,627	7,185	11,959	20,435
Hawaii .....	42	41	48	47	49	50
Idaho .....	414	634	1,406	1,862	2,480	2,765
Illinois .....	9,867	11,720	17,454	35,290	59,595	82,227
Indiana .....	2,622	4,030	6,551	10,470	18,498	28,827
Iowa .....	1,412	1,816	3,118	5,598	10,446	13,715
Kansas .....	1,456	1,696	2,790	5,517	11,081	13,325
Kentucky .....	1,161	1,229	1,438	3,595	6,925	12,033
Louisiana .....	1,652	1,473	1,947	2,774	5,727	9,818
Maine .....	28	31	59	113	171	188
Maryland .....	1,837	2,346	3,877	6,757	11,516	16,215
Massachusetts .....	2,906	4,515	7,736	12,993	19,307	23,161
Michigan .....	7,723	11,282	20,815	34,654	55,692	67,307
Minnesota .....	2,699	2,815	5,536	10,117	18,072	23,765
Mississippi .....	701	772	1,048	1,827	3,845	5,729
Missouri .....	2,310	3,124	4,747	9,068	17,786	23,452
Montana .....	441	663	1,259	1,613	2,871	2,977
Nebraska .....	878	1,071	1,735	3,368	6,639	7,318
Nevada .....	1,114	1,221	2,114	2,814	4,059	4,563
New Hampshire .....	171	278	499	825	1,220	1,433
New Jersey .....	5,616	7,229	12,184	22,283	34,217	43,641
New Mexico .....	834	1,008	1,633	3,074	4,594	5,062
New York .....	10,454	15,613	26,866	43,837	64,090	77,224
North Carolina .....	1,156	1,479	2,566	4,835	8,370	12,984
North Dakota .....	201	227	462	825	1,663	1,970
Ohio .....	7,879	8,454	14,812	27,411	48,832	64,044
Oklahoma .....	1,449	1,759	2,748	5,715	11,555	12,936
Oregon .....	997	1,600	3,058	3,838	4,992	5,064
Pennsylvania .....	5,314	7,567	12,304	22,404	38,642	49,996
Rhode Island .....	495	812	1,418	2,137	3,246	3,703
South Carolina .....	532	630	1,160	2,231	4,172	6,450
South Dakota .....	245	348	585	1,040	1,870	2,132
Tennessee .....	1,269	1,482	2,233	4,351	10,378	15,946
Texas .....	5,881	6,031	7,989	10,921	28,225	40,513
Utah .....	1,359	1,540	2,489	4,414	6,045	8,463
Vermont .....	65	95	188	332	483	580
Virginia .....	1,585	1,859	2,724	5,998	9,777	15,913
Washington .....	1,899	2,919	5,102	7,061	9,371	9,580
West Virginia .....	484	609	1,189	2,319	4,451	6,316
Wisconsin .....	2,687	3,318	6,290	11,923	18,058	23,621
Wyoming .....	255	401	699	925	1,576	1,758
<b>Total .....</b>	<b>127,016</b>	<b>157,958</b>	<b>249,886</b>	<b>416,464</b>	<b>677,687</b>	<b>888,313</b>

<sup>R</sup> Revised Data.

<sup>NA</sup> Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computations and

revision policy.

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

**Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004**  
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		
				September	August	July
Alabama .....	19,488	19,622	18,503	1,195	1,180	1,206
Alaska .....	13,171	14,032	10,331	1,075	<sup>R</sup> 682	<sup>R</sup> 696
Arizona .....	23,520	23,561	23,861	1,828	1,785	1,870
Arkansas .....	22,835	24,992	24,625	1,406	1,355	1,308
California .....	175,730	NA	179,566	14,489	14,894	14,801
Colorado .....	41,126	41,520	44,422	2,487	2,155	1,888
Connecticut .....	26,178	27,896	29,263	1,340	1,348	1,350
Delaware .....	5,911	NA	5,341	300	279	259
District of Columbia .....	12,351	12,861	12,322	801	805	749
Florida .....	42,582	40,278	41,957	3,908	3,923	3,867
Georgia .....	39,209	33,930	33,671	2,291	2,155	2,104
Hawaii .....	1,355	1,314	1,279	151	144	147
Idaho .....	9,288	8,525	10,113	472	415	410
Illinois .....	149,589	147,875	139,598	7,904	7,391	7,391
Indiana .....	59,427	61,982	55,065	2,687	2,566	2,414
Iowa .....	33,389	34,606	32,059	1,396	1,446	<sup>R</sup> 1,285
Kansas .....	NA	28,348	28,112	NA	911	1,505
Kentucky .....	26,602	27,800	24,154	1,200	1,158	1,146
Louisiana .....	19,511	19,602	19,258	1,505	1,298	1,439
Maine .....	3,473	3,361	3,763	203	205	187
Maryland .....	53,197	50,005	42,433	3,553	3,566	3,292
Massachusetts .....	45,813	55,185	46,060	2,302	2,114	2,403
Michigan .....	128,644	139,116	124,493	4,435	5,227	5,061
Minnesota .....	67,332	71,299	71,136	2,498	3,051	2,864
Mississippi .....	16,447	17,337	15,732	1,122	1,066	1,090
Missouri .....	46,955	48,128	44,746	2,197	2,052	2,072
Montana .....	9,536	10,372	10,591	542	422	455
Nebraska .....	20,101	21,484	21,032	1,061	957	1,115
Nevada .....	19,084	17,386	16,757	1,628	1,405	1,542
New Hampshire .....	NA	NA	6,139	355	321	315
New Jersey .....	125,639	123,725	101,124	8,022	7,496	6,858
New Mexico .....	19,311	18,337	19,981	931	915	962
New York .....	NA	222,615	259,007	NA	NA	NA
North Carolina .....	NA	32,228	27,924	2,034	NA	NA
North Dakota .....	7,110	7,401	7,729	342	321	277
Ohio .....	124,748	130,109	112,899	5,145	4,767	4,844
Oklahoma .....	29,654	30,365	30,957	1,488	1,482	1,391
Oregon .....	19,288	19,368	20,803	1,016	896	978
Pennsylvania .....	109,533	115,865	93,462	4,267	4,652	5,165
Rhode Island .....	8,692	8,904	8,368	261	262	297
South Carolina .....	17,042	16,647	15,270	1,164	1,179	1,156
South Dakota .....	7,062	7,191	6,935	320	300	269
Tennessee .....	41,924	44,170	38,910	2,299	2,193	2,290
Texas .....	130,809	136,586	135,289	9,777	<sup>R</sup> 10,024	<sup>R</sup> 10,780
Utah .....	NA	20,562	23,202	1,125	976	NA
Vermont .....	2,065	2,088	1,786	88	78	76
Virginia .....	NA	46,132	42,473	2,808	2,684	2,396
Washington .....	NA	34,601	35,059	NA	NA	NA
West Virginia .....	18,875	18,212	17,859	1,132	1,133	1,092
Wisconsin .....	56,834	59,967	56,348	2,124	2,320	2,305
Wyoming .....	7,041	6,626	7,492	395	335	318
<b>Total .....</b>	<b>2,205,357</b>	<b>2,321,301</b>	<b>2,199,258</b>	<b>121,084</b>	<b><sup>R</sup>121,371</b>	<b><sup>R</sup>121,896</b>

See footnotes at end of table.

**Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004**  
(Million Cubic Feet) — Continued

State	2004					
	June	May	April	March	February	January
Alabama .....	1,213	1,492	1,950	2,941	4,123	4,187
Alaska .....	796	1,031	1,704	2,068	2,077	3,042
Arizona .....	1,920	2,178	2,500	3,220	4,088	4,130
Arkansas .....	1,340	1,651	2,329	3,727	4,992	4,726
California .....	16,070	17,739	18,799	23,956	27,669	27,313
Colorado .....	2,163	3,029	4,575	5,852	9,601	9,377
Connecticut .....	1,277	1,825	3,123	4,170	5,589	6,155
Delaware .....	292	328	660	941	1,303	1,550
District of Columbia .....	793	868	1,365	1,815	2,310	2,845
Florida .....	4,153	4,721	5,030	5,447	5,622	5,911
Georgia .....	2,199	2,548	3,572	4,994	9,246	10,099
Hawaii .....	155	145	155	152	147	158
Idaho .....	518	653	906	1,483	2,071	2,358
Illinois .....	7,602	9,123	15,182	24,075	34,177	36,744
Indiana .....	2,400	3,274	5,819	9,099	15,168	16,000
Iowa .....	1,556	1,779	3,286	5,598	8,394	8,651
Kansas .....	1,662	1,953	2,715	4,825	7,289	7,298
Kentucky .....	1,166	1,478	2,654	4,176	6,283	7,341
Louisiana .....	1,390	1,703	2,112	2,966	3,562	3,535
Maine .....	216	275	410	564	628	785
Maryland .....	3,690	4,090	6,150	8,221	9,969	10,666
Massachusetts .....	2,394	3,562	5,785	7,378	10,331	9,544
Michigan .....	6,254	8,816	15,490	21,449	30,159	31,753
Minnesota .....	3,085	4,098	6,939	11,414	14,748	18,634
Mississippi .....	1,052	1,212	1,758	2,478	3,275	3,394
Missouri .....	2,255	3,040	4,984	8,071	11,519	10,765
Montana .....	645	735	1,012	1,449	1,875	2,401
Nebraska .....	951	1,309	1,982	3,673	4,849	4,203
Nevada .....	1,583	1,805	1,909	2,534	3,206	3,472
New Hampshire .....	<sup>R</sup> 379	NA	901	1,296	1,653	1,565
New Jersey .....	8,183	9,511	14,500	19,260	25,604	26,206
New Mexico .....	1,122	1,811	2,130	3,516	3,994	3,929
New York .....	11,057	15,312	22,781	27,734	34,644	35,557
North Carolina .....	2,056	2,223	3,492	5,290	7,257	7,819
North Dakota .....	280	508	698	1,183	1,475	2,027
Ohio .....	4,798	7,218	14,303	22,143	28,414	33,116
Oklahoma .....	1,508	1,960	2,889	5,468	7,150	6,318
Oregon .....	1,361	1,559	2,009	2,957	3,912	4,600
Pennsylvania .....	5,672	7,035	13,374	18,687	24,304	26,376
Rhode Island .....	362	622	1,219	1,508	2,200	1,961
South Carolina .....	1,174	1,308	1,779	2,484	3,484	3,314
South Dakota .....	355	467	698	1,129	1,653	1,871
Tennessee .....	2,308	3,151	4,488	6,867	9,086	9,243
Texas .....	<sup>R</sup> 10,807	<sup>R</sup> 11,972	13,520	17,133	23,379	23,416
Utah .....	987	1,480	2,317	2,925	5,393	6,379
Vermont .....	93	151	267	355	491	466
Virginia .....	2,663	2,976	NA	7,139	9,489	11,270
Washington .....	NA	NA	4,007	5,409	6,233	7,673
West Virginia .....	1,091	1,373	2,152	3,021	3,937	3,946
Wisconsin .....	2,360	3,518	5,495	9,783	12,411	16,517
Wyoming .....	416	563	844	1,098	1,435	1,638
<b>Total .....</b>	<b><sup>R</sup>131,654</b>	<b><sup>R</sup>164,638</b>	<b>245,478</b>	<b>345,123</b>	<b>461,868</b>	<b>492,244</b>

See footnotes at end of table.

**Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004**  
(Million Cubic Feet) — Continued

State	2003					
	Total	December	November	October	September	August
Alabama .....	25,523	2,955	1,579	1,367	1,146	1,119
Alaska .....	20,696	2,931	2,316	1,416	1,577	1,353
Arizona .....	<sup>R</sup> 32,006	3,794	2,533	<sup>R</sup> 2,118	1,827	1,917
Arkansas .....	31,750	3,245	1,981	1,532	1,361	1,325
California .....	NA	26,384	20,423	17,386	15,958	16,300
Colorado .....	62,224	9,937	7,425	3,343	2,773	1,807
Connecticut .....	37,842	4,705	3,132	2,109	1,379	1,437
Delaware .....	NA	979	626	400	298	270
District of Columbia .....	17,890	2,404	1,461	1,164	693	985
Florida .....	53,811	5,287	4,297	3,950	3,957	3,950
Georgia .....	49,875	9,176	4,178	2,591	1,810	1,738
Hawaii .....	1,751	154	140	143	145	137
Idaho .....	12,034	1,797	1,179	533	439	356
Illinois .....	209,317	29,648	19,252	12,543	7,799	6,312
Indiana .....	87,471	12,910	7,615	4,964	3,029	1,878
Iowa .....	48,502	6,824	4,389	2,683	1,474	1,261
Kansas .....	37,875	5,265	2,762	1,500	1,174	1,206
Kentucky .....	38,189	5,544	2,931	1,912	1,201	1,079
Louisiana .....	25,158	2,537	1,594	1,425	1,378	1,313
Maine .....	NA	NA	279	335	209	191
Maryland .....	70,836	9,621	5,962	5,249	3,070	3,118
Massachusetts .....	NA	NA	NA	5,852	2,738	2,541
Michigan .....	185,852	22,600	14,597	9,539	5,147	5,475
Minnesota .....	101,288	14,547	9,719	5,723	3,485	2,315
Mississippi .....	22,671	2,661	1,369	1,304	1,129	985
Missouri .....	62,758	7,845	4,177	2,607	2,279	2,109
Montana .....	<sup>R</sup> 15,118	2,109	1,681	956	667	443
Nebraska .....	28,535	3,576	2,191	1,285	951	1,123
Nevada .....	24,008	2,961	2,160	1,501	1,322	1,223
New Hampshire .....	NA	<sup>R</sup> 1,032	<sup>R</sup> 706	<sup>R</sup> 445	<sup>R</sup> 302	<sup>R</sup> 334
New Jersey .....	165,527	21,125	13,048	7,629	7,394	6,672
New Mexico .....	24,018	3,071	1,530	1,080	971	920
New York .....	290,311	28,517	20,962	18,217	15,732	16,243
North Carolina .....	NA	5,784	4,110	NA	1,754	1,570
North Dakota .....	11,012	1,534	1,429	647	363	279
Ohio .....	176,341	23,314	14,044	8,874	5,027	4,271
Oklahoma .....	38,032	4,338	1,952	1,377	1,325	1,303
Oregon .....	26,172	3,516	2,135	1,152	1,044	979
Pennsylvania .....	155,402	19,781	11,419	8,337	4,663	4,799
Rhode Island .....	11,466	1,332	791	440	256	281
South Carolina .....	22,125	2,605	1,543	1,330	1,154	1,136
South Dakota .....	10,374	1,485	1,165	533	329	282
Tennessee .....	57,674	6,750	3,756	2,997	2,463	2,369
Texas .....	175,360	17,668	11,835	9,271	9,433	11,488
Utah .....	30,800	4,779	3,757	1,702	1,231	961
Vermont .....	2,757	337	207	125	76	75
Virginia .....	65,736	9,630	5,720	4,254	2,572	2,688
Washington .....	48,027	6,664	4,383	2,379	1,983	1,711
West Virginia .....	24,751	3,086	1,881	1,572	1,213	981
Wisconsin .....	84,066	10,992	8,424	4,684	2,637	2,075
Wyoming .....	9,550	1,366	1,037	522	353	271
<b>Total .....</b>	<b><sup>R</sup>3,137,701</b>	<b><sup>R</sup>388,247</b>	<b><sup>R</sup>250,317</b>	<b><sup>R</sup>177,837</b>	<b><sup>R</sup>132,690</b>	<b><sup>R</sup>126,955</b>

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003					
	July	June	May	April	March	February
Alabama .....	1,099	1,165	1,494	1,872	2,951	4,369
Alaska .....	1,276	1,265	1,277	1,633	1,842	1,637
Arizona .....	1,940	2,030	2,412	2,795	3,357	3,309
Arkansas .....	1,393	1,411	1,755	2,584	4,435	5,602
California .....	16,718	17,262	20,334	22,011	24,908	NA
Colorado .....	1,824	2,438	2,885	4,651	7,473	9,263
Connecticut .....	1,570	1,706	2,065	3,584	4,542	5,540
Delaware .....	289	331	428	712	1,002	1,416
District of Columbia .....	836	800	1,027	1,499	2,017	2,456
Florida .....	3,906	4,013	4,240	4,483	4,838	5,544
Georgia .....	1,725	1,744	1,953	3,199	4,478	7,415
Hawaii .....	145	142	143	144	146	150
Idaho .....	378	485	840	1,104	1,472	1,638
Illinois .....	6,758	6,177	9,062	15,406	25,950	33,122
Indiana .....	2,355	2,602	3,944	5,532	10,116	15,360
Iowa .....	1,272	1,514	2,025	3,759	6,560	8,388
Kansas .....	1,242	1,313	1,642	2,908	5,603	6,593
Kentucky .....	1,079	1,182	1,521	2,419	4,631	6,889
Louisiana .....	1,471	1,400	1,612	2,194	2,869	3,701
Maine .....	158	231	216	436	590	611
Maryland .....	3,056	3,291	3,925	5,813	7,305	9,552
Massachusetts .....	2,545	5,561	4,180	7,363	8,086	10,885
Michigan .....	5,323	6,149	10,197	17,589	26,556	30,625
Minnesota .....	3,504	2,560	5,351	7,964	12,308	16,286
Mississippi .....	1,133	1,125	1,204	1,511	2,834	3,785
Missouri .....	1,922	2,223	3,060	4,873	9,094	11,580
Montana .....	452	614	930	1,219	1,943	1,978
Nebraska .....	1,015	1,144	1,601	2,501	4,106	4,728
Nevada .....	1,345	1,406	1,868	2,144	2,525	2,588
New Hampshire .....	<sup>R</sup> 323	<sup>R</sup> 301	601	949	1,367	NA
New Jersey .....	7,108	6,507	9,756	14,743	20,728	25,304
New Mexico .....	968	1,160	1,643	2,379	3,098	3,347
New York .....	15,093	13,113	17,592	23,875	36,627	42,888
North Carolina .....	1,605	1,728	2,333	3,338	4,888	7,268
North Dakota .....	265	203	377	598	1,537	1,832
Ohio .....	4,254	5,012	7,433	14,452	24,080	30,494
Oklahoma .....	1,283	1,379	2,015	3,441	6,073	6,902
Oregon .....	1,059	1,413	2,093	2,550	3,191	3,295
Pennsylvania .....	5,027	5,694	7,812	13,386	20,564	25,511
Rhode Island .....	288	460	757	1,190	1,744	1,970
South Carolina .....	1,140	1,144	1,409	1,747	2,326	3,193
South Dakota .....	264	325	454	790	1,383	1,651
Tennessee .....	2,386	2,601	3,091	3,920	7,275	10,336
Texas .....	11,542	10,072	12,189	13,116	19,423	23,501
Utah .....	892	1,017	1,580	2,564	3,344	4,525
Vermont .....	71	94	157	302	397	486
Virginia .....	2,611	2,481	3,310	4,593	7,327	9,214
Washington .....	1,976	2,612	3,641	4,670	5,634	5,884
West Virginia .....	982	1,009	1,261	1,720	2,802	4,250
Wisconsin .....	2,123	2,245	3,591	6,523	11,020	14,154
Wyoming .....	277	397	594	896	1,191	1,300
<b>Total</b> .....	<b><sup>R</sup>129,263</b>	<b><sup>R</sup>134,254</b>	<b>176,880</b>	<b>255,644</b>	<b>380,553</b>	<b>475,623</b>

<sup>R</sup> Revised Data.

NA Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual

total but not in the monthly components. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

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

**Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004**  
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		
				September	August	July
Alabama .....	111,473	110,883	117,594	11,691	11,669	11,586
Alaska .....	59,465	51,313	51,587	7,235	7,805	8,426
Arizona .....	11,492	13,280	12,255	1,166	1,160	1,135
Arkansas .....	83,998	81,465	86,936	7,297	7,273	6,841
California .....	601,205	517,039	543,604	71,324	68,465	64,518
Colorado .....	79,423	85,908	100,098	7,478	7,971	8,250
Connecticut .....	18,563	19,901	21,475	1,884	1,673	1,685
Delaware .....	12,391	11,569	10,949	1,141	995	1,124
District of Columbia .....	0	0	0	0	0	0
Florida .....	53,034	NA	73,659	4,611	5,620	5,479
Georgia .....	124,910	124,254	107,175	13,524	13,681	13,184
Hawaii .....	333	336	368	35	38	38
Idaho <sup>a</sup> .....	17,445	18,415	20,907	1,733	1,616	1,722
Illinois .....	193,771	198,738	212,142	17,653	17,662	17,637
Indiana .....	195,742	180,923	187,891	19,665	19,939	18,479
Iowa .....	NA	67,669	66,099	6,624	NA	<sup>R</sup> 6,324
Kansas .....	71,771	78,642	79,893	8,590	8,749	7,808
Kentucky .....	83,711	74,017	72,905	8,270	8,656	8,026
Louisiana .....	567,237	529,452	575,553	61,901	63,497	64,120
Maine .....	1,975	2,421	2,112	179	177	180
Maryland .....	13,127	15,604	19,761	1,059	1,321	1,328
Massachusetts .....	NA	NA	64,067	NA	NA	NA
Michigan .....	159,239	166,853	177,013	13,469	13,351	13,414
Minnesota .....	70,658	67,480	68,039	7,422	6,658	7,075
Mississippi .....	73,663	72,307	73,484	7,235	8,254	8,135
Missouri .....	46,879	47,404	48,405	4,421	4,498	4,152
Montana .....	14,145	13,957	16,186	1,380	1,270	1,123
Nebraska .....	28,886	28,889	31,408	2,172	4,444	4,418
Nevada .....	8,249	7,798	7,930	898	809	864
New Hampshire .....	5,778	NA	6,597	579	561	554
New Jersey .....	56,759	57,724	60,054	5,535	5,312	5,488
New Mexico .....	15,764	16,006	18,607	1,537	1,633	1,804
New York .....	62,233	66,062	68,303	5,459	5,264	5,285
North Carolina .....	66,402	64,517	72,144	7,275	6,554	5,935
North Dakota .....	11,341	11,041	14,869	1,556	1,274	690
Ohio .....	213,690	214,416	222,755	19,841	20,074	19,088
Oklahoma .....	91,875	90,397	91,574	8,992	9,448	9,150
Oregon .....	53,422	49,191	52,946	5,827	5,619	5,509
Pennsylvania .....	144,170	139,813	149,631	14,782	14,278	13,864
Rhode Island .....	3,552	3,326	2,948	323	280	278
South Carolina .....	54,356	54,486	74,343	5,915	5,925	5,622
South Dakota .....	7,772	8,364	2,503	756	774	768
Tennessee .....	77,493	86,114	88,186	7,965	8,624	7,818
Texas .....	1,347,969	1,379,575	1,581,003	150,432	159,838	158,928
Utah .....	NA	18,503	19,567	2,158	NA	NA
Vermont .....	1,985	1,676	2,245	202	201	186
Virginia .....	54,836	49,560	56,332	7,594	5,918	5,113
Washington .....	NA	47,812	50,445	NA	NA	NA
West Virginia .....	31,173	NA	33,032	3,101	2,945	2,998
Wisconsin .....	99,670	102,329	99,309	9,178	8,780	8,421
Wyoming .....	31,660	32,900	30,235	3,185	3,519	3,438
<b>Total .....</b>	<b>5,311,018</b>	<b>5,213,211</b>	<b>5,647,123</b>	<b>560,677</b>	<b>569,740</b>	<sup>R</sup> <b>557,766</b>

See footnotes at end of table.

**Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004**  
(Million Cubic Feet) — Continued

State	2004					
	June	May	April	March	February	January
Alabama .....	11,778	11,999	12,579	12,799	13,359	14,013
Alaska .....	6,940	5,348	7,060	6,608	5,641	4,402
Arizona .....	1,235	1,184	1,231	1,330	1,505	1,545
Arkansas .....	7,041	9,798	10,408	11,336	11,834	12,171
California .....	65,101	63,332	69,038	64,670	68,783	65,975
Colorado .....	7,792	8,543	9,422	8,534	10,197	11,236
Connecticut .....	1,703	1,804	2,096	2,462	2,567	2,688
Delaware .....	1,051	1,413	1,285	1,602	1,657	2,122
District of Columbia .....	0	0	0	0	0	0
Florida .....	5,284	6,215	6,312	6,635	6,116	6,762
Georgia .....	12,948	13,590	<sup>R</sup> 13,881	14,250	14,972	14,880
Hawaii .....	38	33	38	39	36	37
Idaho <sup>a</sup> .....	1,882	1,691	2,003	2,114	2,252	2,432
Illinois .....	17,365	18,834	21,484	26,062	27,539	29,535
Indiana .....	18,428	19,220	21,737	24,334	25,611	28,329
Iowa .....	6,624	6,829	7,477	8,392	9,168	9,034
Kansas .....	7,496	7,693	7,411	7,828	7,427	8,768
Kentucky .....	8,332	8,869	8,986	10,492	10,611	11,470
Louisiana .....	59,793	61,728	59,289	64,924	64,793	67,192
Maine .....	160	192	217	259	287	324
Maryland .....	1,515	1,208	1,356	1,658	1,566	2,115
Massachusetts .....	3,419	4,381	6,837	5,660	7,035	6,633
Michigan .....	14,085	15,894	18,245	23,355	23,412	24,015
Minnesota .....	7,674	6,629	7,815	8,654	8,968	9,763
Mississippi .....	8,610	8,338	8,326	8,820	7,975	7,971
Missouri .....	4,575	4,509	4,961	5,878	6,681	7,205
Montana .....	1,199	1,436	1,448	1,795	2,020	2,474
Nebraska .....	3,201	2,578	2,964	2,428	3,268	3,413
Nevada .....	857	924	930	930	1,004	1,034
New Hampshire .....	467	658	679	649	919	711
New Jersey .....	5,763	5,803	6,850	7,331	7,383	7,295
New Mexico .....	1,755	1,673	1,700	1,778	1,938	1,948
New York .....	5,596	6,176	7,767	8,390	9,504	8,793
North Carolina .....	6,471	7,351	7,618	8,508	8,381	8,308
North Dakota .....	683	1,011	<sup>R</sup> 1,475	<sup>R</sup> 1,706	<sup>R</sup> 1,335	1,612
Ohio .....	18,261	21,722	24,157	27,288	28,729	34,531
Oklahoma .....	9,385	9,670	9,518	9,893	11,636	14,183
Oregon .....	5,618	5,935	5,847	6,235	6,291	6,540
Pennsylvania .....	14,622	15,432	15,494	18,011	17,972	19,715
Rhode Island .....	377	274	<sup>R</sup> 432	492	551	545
South Carolina .....	5,587	5,859	5,990	6,615	6,392	6,450
South Dakota .....	781	770	863	987	1,049	1,023
Tennessee .....	7,938	8,136	8,478	8,972	9,681	9,880
Texas .....	152,461	143,622	134,851	145,828	145,129	156,879
Utah .....	1,892	2,021	2,069	2,213	2,405	2,557
Vermont .....	213	191	235	291	314	152
Virginia .....	7,039	5,559	5,656	6,194	5,663	6,098
Washington .....	NA	NA	5,004	5,620	5,869	6,302
West Virginia .....	2,997	2,475	3,853	4,006	4,387	4,410
Wisconsin .....	7,944	10,177	10,925	13,243	14,385	16,617
Wyoming .....	3,388	3,558	3,482	3,587	3,837	3,665
<b>Total .....</b>	<b>550,171</b>	<b><sup>R</sup>557,417</b>	<b><sup>R</sup>577,779</b>	<b><sup>R</sup>621,683</b>	<b><sup>R</sup>640,036</b>	<b>675,750</b>

See footnotes at end of table.

**Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004**  
(Million Cubic Feet) — Continued

State	2003					
	Total	December	November	October	September	August
Alabama .....	148,445	13,150	12,157	12,255	11,405	11,900
Alaska .....	NA	NA	4,158	NA	5,908	6,280
Arizona .....	17,584	1,633	1,409	1,262	1,195	1,281
Arkansas .....	111,212	10,476	9,537	9,735	7,930	7,281
California .....	701,300	60,001	61,403	62,857	64,558	61,248
Colorado .....	114,268	11,018	9,982	7,359	7,281	8,948
Connecticut .....	27,200	2,728	2,162	2,409	1,774	2,181
Delaware .....	16,773	2,030	1,849	1,325	1,218	1,080
District of Columbia .....	0	0	0	0	0	0
Florida .....	NA	®5,346	®5,170	®5,721	®5,388	®5,499
Georgia .....	167,565	14,611	13,839	14,862	13,709	14,043
Hawaii .....	444	39	34	36	36	37
Idaho <sup>a</sup> .....	24,702	2,114	2,110	2,063	1,910	1,545
Illinois .....	269,557	25,990	24,010	20,818	18,685	18,094
Indiana .....	248,963	24,628	22,744	20,668	18,409	17,890
Iowa .....	92,218	8,537	8,447	7,564	7,181	6,295
Kansas .....	103,998	8,636	7,764	8,957	10,092	8,714
Kentucky .....	102,061	10,649	8,686	8,709	7,568	7,251
Louisiana .....	712,237	64,894	59,964	57,926	57,563	58,858
Maine .....	3,305	287	323	273	219	221
Maryland .....	21,480	2,460	2,067	1,349	1,466	1,400
Massachusetts .....	NA	NA	4,577	7,098	NA	NA
Michigan .....	217,832	19,261	17,154	14,564	13,379	14,660
Minnesota .....	94,353	9,465	9,228	8,180	6,253	6,768
Mississippi .....	97,059	9,215	7,843	7,694	7,313	7,094
Missouri .....	64,022	6,279	5,471	4,869	4,518	5,072
Montana .....	20,188	2,294	2,238	1,700	1,234	1,086
Nebraska .....	38,476	3,035	2,876	3,676	4,009	4,186
Nevada .....	10,526	942	953	834	764	781
New Hampshire .....	NA	®710	®663	®669	®550	®583
New Jersey .....	77,639	7,110	6,706	®6,099	5,536	5,684
New Mexico .....	21,114	1,849	1,764	1,494	1,998	1,414
New York .....	®88,085	®7,855	®7,467	®6,702	®5,865	®5,772
North Carolina .....	NA	8,552	7,308	NA	6,864	6,792
North Dakota .....	NA	NA	®948	®1,403	®1,337	572
Ohio .....	292,878	29,493	24,750	24,219	19,929	20,235
Oklahoma .....	125,077	12,618	11,203	10,859	9,692	10,242
Oregon .....	67,779	6,410	6,152	6,026	5,655	5,437
Pennsylvania .....	189,014	18,263	15,117	15,820	13,846	14,279
Rhode Island .....	4,373	354	445	249	284	278
South Carolina .....	73,049	6,405	6,130	6,028	5,972	5,834
South Dakota .....	11,183	988	995	836	768	744
Tennessee .....	112,334	9,516	8,276	8,427	8,009	7,950
Texas .....	1,832,243	152,926	144,664	155,079	154,534	175,214
Utah .....	25,208	2,317	2,271	2,117	1,950	1,955
Vermont .....	2,488	295	261	255	183	175
Virginia .....	66,805	6,526	5,386	5,333	5,082	3,996
Washington .....	65,895	6,105	5,905	6,072	5,211	4,968
West Virginia .....	NA	NA	3,627	3,692	3,473	3,580
Wisconsin .....	140,714	14,391	12,856	11,138	9,332	8,925
Wyoming .....	43,718	4,027	2,954	3,838	3,553	3,393
<b>Total .....</b>	<b>®7,015,535</b>	<b>®629,996</b>	<b>®584,001</b>	<b>®588,327</b>	<b>®552,933</b>	<b>®569,735</b>

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003					
	July	June	May	April	March	February
Alabama .....	11,622	11,127	12,083	12,070	12,538	13,667
Alaska .....	6,200	6,290	6,259	6,370	5,292	4,386
Arizona .....	1,354	1,427	1,448	1,521	1,662	1,640
Arkansas .....	7,104	8,673	9,118	9,723	9,574	10,428
California .....	57,287	57,167	55,564	54,024	58,596	54,859
Colorado .....	9,540	7,520	10,478	7,620	10,218	12,128
Connecticut .....	1,943	1,750	2,017	2,472	2,487	2,428
Delaware .....	914	944	818	922	1,381	1,880
District of Columbia .....	0	0	0	0	0	0
Florida .....	<sup>R</sup> 5,375	5,206	5,812	5,621	5,604	NA
Georgia .....	13,249	12,179	13,785	13,959	13,445	14,466
Hawaii .....	38	36	35	38	40	36
Idaho <sup>a</sup> .....	1,633	2,006	2,009	2,210	2,404	2,204
Illinois .....	17,249	17,862	19,017	21,867	26,158	28,732
Indiana .....	16,843	16,727	18,297	19,426	22,009	24,393
Iowa .....	6,578	6,568	7,018	7,203	8,105	9,960
Kansas .....	9,852	7,234	8,045	7,158	8,379	9,065
Kentucky .....	6,794	6,757	7,539	7,829	8,904	9,852
Louisiana .....	56,353	49,341	59,994	60,690	61,002	58,131
Maine .....	283	206	209	233	281	336
Maryland .....	1,376	1,342	1,424	2,385	2,007	2,119
Massachusetts .....	5,234	3,361	6,076	4,617	6,249	5,001
Michigan .....	13,737	13,770	15,796	19,515	22,993	26,385
Minnesota .....	6,588	6,482	6,781	7,317	8,197	9,594
Mississippi .....	7,185	7,855	7,412	7,781	7,864	8,995
Missouri .....	3,540	4,110	4,457	5,015	6,210	7,050
Montana .....	1,122	1,413	1,310	1,842	1,858	1,989
Nebraska .....	4,381	1,856	2,669	2,585	2,577	3,188
Nevada .....	775	822	846	1,005	1,000	766
New Hampshire .....	<sup>R</sup> 538	<sup>R</sup> 596	653	697	747	NA
New Jersey .....	5,989	5,609	6,294	6,495	7,135	7,313
New Mexico .....	1,658	1,705	1,809	1,872	1,850	1,858
New York .....	<sup>R</sup> 5,516	<sup>R</sup> 5,622	<sup>R</sup> 6,517	<sup>R</sup> 8,228	<sup>R</sup> 8,753	<sup>R</sup> 9,907
North Carolina .....	5,959	5,641	6,709	7,257	7,372	9,045
North Dakota .....	<sup>R</sup> 858	<sup>R</sup> 1,523	<sup>R</sup> 1,734	<sup>R</sup> 1,356	<sup>R</sup> 856	<sup>R</sup> 1,311
Ohio .....	19,064	18,845	21,967	23,504	27,569	30,336
Oklahoma .....	9,758	8,478	9,369	9,905	10,283	10,411
Oregon .....	5,242	4,952	5,403	5,429	5,597	5,522
Pennsylvania .....	13,537	12,591	13,718	15,473	17,251	18,922
Rhode Island .....	239	462	309	396	438	448
South Carolina .....	5,475	5,082	6,016	6,453	5,625	6,769
South Dakota .....	803	806	851	1,001	1,068	1,200
Tennessee .....	7,752	9,360	9,629	10,192	10,306	11,498
Texas .....	183,816	132,010	140,379	141,688	146,571	148,348
Utah .....	1,912	1,902	1,934	2,022	2,187	2,240
Vermont .....	156	177	191	270	180	124
Virginia .....	4,981	6,074	6,950	4,274	6,081	6,128
Washington .....	4,552	4,828	5,071	5,667	5,847	5,588
West Virginia .....	3,274	3,258	3,384	3,431	NA	3,945
Wisconsin .....	8,422	8,829	9,937	11,722	13,072	15,424
Wyoming .....	3,284	3,575	3,645	3,751	4,033	3,617
<b>Total</b> .....	<sup>R</sup> 566,932	<sup>R</sup> 501,957	<sup>R</sup> 548,786	<sup>R</sup> 564,101	<sup>R</sup> 602,713	<sup>R</sup> 631,560

<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.

NA Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

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

**Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004**  
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		
				September	August	July
Alabama	NA	74,475	94,317	NA	R15,221	18,065
Alaska	NA	26,293	23,121	NA	R2,679	2,868
Arizona	NA	110,750	107,350	NA	R21,606	24,634
Arkansas	NA	24,869	36,051	NA	R5,514	5,900
California	NA	496,504	559,722	NA	R79,191	80,274
Colorado	NA	55,909	59,251	NA	R9,131	10,569
Connecticut	NA	31,100	51,980	NA	R6,935	6,463
Delaware	NA	9,204	15,613	NA	R1,039	1,114
District of Columbia	NA	0	0	NA	R0	0
Florida	NA	394,214	402,924	NA	R59,381	61,259
Georgia	NA	32,265	50,178	NA	R7,450	8,053
Hawaii	NA	0	0	NA	R0	0
Idaho	NA	1,886	2,327	NA	R1,213	1,127
Illinois	NA	31,779	77,259	NA	R3,434	4,230
Indiana	NA	21,359	29,229	NA	R2,143	2,107
Iowa	NA	3,550	4,476	NA	R587	633
Kansas	NA	13,464	19,252	NA	R1,615	1,407
Kentucky	NA	3,186	12,904	NA	R526	512
Louisiana	NA	173,326	269,176	NA	R26,186	23,208
Maine	NA	48,532	67,968	NA	R7,268	6,517
Maryland	NA	17,464	19,473	NA	R933	978
Massachusetts	NA	125,417	96,192	NA	R15,812	16,001
Michigan	NA	81,104	119,374	NA	R11,254	11,386
Minnesota	NA	14,573	11,117	NA	R794	1,932
Mississippi	NA	81,526	140,407	NA	R12,104	14,455
Missouri	NA	19,627	28,374	NA	R2,640	3,454
Montana	NA	198	110	NA	R8	10
Nebraska	NA	4,336	4,213	NA	R374	537
Nevada	NA	84,140	81,722	NA	R15,003	14,986
New Hampshire	NA	1	798	NA	R3,285	1,742
New Jersey	NA	92,367	127,346	NA	R15,744	15,013
New Mexico	NA	30,315	29,598	NA	R3,821	4,494
New York	NA	201,048	290,914	NA	R27,830	26,304
North Carolina	NA	25,424	28,169	NA	R3,460	3,762
North Dakota	NA	0	1	NA	R0	0
Ohio	NA	13,517	20,850	NA	R1,573	1,677
Oklahoma	NA	155,850	167,739	NA	R24,550	26,200
Oregon	NA	52,568	39,404	NA	R9,400	8,721
Pennsylvania	NA	32,238	42,286	NA	R9,038	10,608
Rhode Island	NA	30,219	39,047	NA	R3,912	3,220
South Carolina	NA	15,489	34,933	NA	R4,259	4,120
South Dakota	NA	1,500	1,201	NA	R220	373
Tennessee	NA	2,748	2,237	NA	R206	239
Texas	NA	1,137,738	1,220,312	NA	R152,641	153,397
Utah	NA	13,090	10,801	NA	R1,735	1,796
Vermont	NA	18	26	NA	R3	5
Virginia	NA	25,326	30,401	NA	R7,295	7,096
Washington	NA	39,517	26,030	NA	R8,161	7,248
West Virginia	NA	1,644	1,686	NA	R82	79
Wisconsin	NA	16,962	17,220	NA	R1,443	2,410
Wyoming	NA	2,122	2,728	NA	R259	285
<b>Total</b>	<b>E4,038,007</b>	<b>3,870,749</b>	<b>4,517,805</b>	<b>E489,966</b>	<b>R588,957</b>	<b>601,466</b>

See footnotes at end of table.

**Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004**  
(Million Cubic Feet) — Continued

State	2004					
	June	May	April	March	February	January
Alabama .....	11,846	10,417	8,874	8,941	8,523	9,258
Alaska .....	3,124	3,130	2,857	2,958	3,015	3,533
Arizona .....	18,302	16,689	10,496	11,236	13,497	9,697
Arkansas .....	2,481	1,571	1,514	2,328	2,283	1,698
California .....	53,028	54,357	51,455	55,070	48,818	45,680
Colorado .....	6,122	6,808	6,090	5,586	5,845	6,579
Connecticut .....	5,857	5,858	4,106	3,834	3,888	2,720
Delaware .....	1,084	1,677	582	800	754	929
District of Columbia .....	0	0	0	0	0	0
Florida .....	56,015	48,986	39,877	36,021	35,237	35,650
Georgia .....	8,032	8,449	6,179	3,877	2,625	1,929
Hawaii .....	0	0	0	0	0	0
Idaho .....	191	201	144	136	145	153
Illinois .....	2,809	3,204	1,105	2,180	1,911	2,443
Indiana .....	1,425	2,825	1,760	1,779	3,495	2,938
Iowa .....	596	434	300	282	257	439
Kansas .....	1,225	1,017	825	659	604	582
Kentucky .....	552	476	554	333	277	406
Louisiana .....	20,499	17,412	13,537	16,378	15,050	13,097
Maine .....	6,202	5,962	5,945	5,890	6,205	4,948
Maryland .....	1,122	1,280	555	374	370	549
Massachusetts .....	14,929	12,717	17,367	13,629	10,498	11,783
Michigan .....	10,690	11,152	9,470	9,575	10,024	10,684
Minnesota .....	956	1,333	1,149	1,134	1,452	2,150
Mississippi .....	9,059	9,421	6,245	5,799	7,227	4,675
Missouri .....	2,391	3,127	1,467	811	1,573	1,533
Montana .....	8	9	5	4	5	6
Nebraska .....	581	600	194	174	167	200
Nevada .....	11,733	8,318	6,507	6,935	9,030	7,890
New Hampshire .....	0	0	0	0	0	0
New Jersey .....	13,067	14,686	10,069	8,206	8,343	7,946
New Mexico .....	3,693	3,501	2,234	2,371	2,728	2,897
New York .....	22,227	20,443	15,051	15,273	15,470	14,657
North Carolina .....	4,442	6,605	1,682	2,040	2,717	3,224
North Dakota .....	0	0	0	0	0	0
Ohio .....	1,726	2,280	557	595	716	797
Oklahoma .....	19,405	20,428	16,916	13,715	13,592	11,049
Oregon .....	4,197	4,753	5,627	5,889	7,672	8,063
Pennsylvania .....	6,232	9,711	3,311	4,012	6,330	4,183
Rhode Island .....	3,882	3,804	2,348	1,929	2,687	3,607
South Carolina .....	2,622	3,719	986	696	1,789	1,857
South Dakota .....	148	43	21	36	31	103
Tennessee .....	72	157	108	34	49	197
Texas .....	135,818	116,313	101,535	96,034	88,653	88,895
Utah .....	1,270	1,064	743	407	492	434
Vermont .....	22	2	2	1	3	1
Virginia .....	5,349	5,805	2,995	1,670	4,425	3,626
Washington .....	2,101	3,624	3,727	3,997	5,823	5,808
West Virginia .....	195	232	378	22	71	51
Wisconsin .....	1,897	1,592	1,312	1,313	1,254	2,081
Wyoming .....	238	269	196	168	175	196
<b>Total .....</b>	<b>479,463</b>	<b>456,456</b>	<b>368,958</b>	<b>355,130</b>	<b>355,793</b>	<b>341,817</b>

See footnotes at end of table.

**Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004**  
(Million Cubic Feet) — Continued

State	2003					
	Total	December	November	October	September	August
Alabama .....	87,809	6,465	3,841	3,028	7,106	17,406
Alaska .....	35,809	3,384	3,152	2,980	2,847	3,108
Arizona .....	133,845	5,506	6,087	11,502	16,335	21,021
Arkansas .....	30,176	1,401	1,659	2,246	2,344	3,824
California .....	658,015	49,343	49,610	62,558	66,607	76,282
Colorado .....	72,815	6,106	6,071	4,729	6,030	9,322
Connecticut .....	43,095	3,666	4,459	3,869	4,126	4,588
Delaware .....	11,209	662	452	891	1,088	2,041
District of Columbia .....	0	0	0	0	0	0
Florida .....	522,958	37,405	44,122	47,217	51,628	51,497
Georgia .....	37,806	880	2,065	2,595	2,853	8,657
Hawaii .....	0	0	0	0	0	0
Idaho .....	2,272	119	137	131	140	332
Illinois .....	35,960	1,511	1,367	1,303	1,572	10,506
Indiana .....	28,169	2,641	2,684	1,485	2,414	4,879
Iowa .....	4,493	225	476	242	277	1,049
Kansas .....	15,711	778	861	608	866	4,054
Kentucky .....	3,680	283	106	104	159	958
Louisiana .....	221,309	15,858	15,334	16,791	18,449	28,714
Maine .....	67,262	5,660	6,079	6,990	6,104	6,674
Maryland .....	21,194	491	495	2,744	3,560	4,197
Massachusetts .....	171,267	13,040	14,271	18,540	16,941	19,232
Michigan .....	101,389	7,434	6,490	6,362	6,850	15,717
Minnesota .....	19,890	1,433	1,871	2,013	1,836	4,438
Mississippi .....	99,495	6,547	6,304	5,118	7,555	10,394
Missouri .....	20,845	633	476	109	749	5,568
Montana .....	259	34	11	15	11	63
Nebraska .....	4,930	99	260	235	224	1,386
Nevada .....	112,285	9,201	8,514	10,430	11,291	13,694
New Hampshire .....	1	0	0	0	0	0
New Jersey .....	122,224	11,228	8,788	9,841	10,771	16,861
New Mexico .....	38,336	2,896	2,497	2,629	3,229	5,356
New York .....	251,027	14,787	15,590	19,602	21,878	36,973
North Carolina .....	29,113	1,286	1,462	942	3,466	5,040
North Dakota .....	0	0	0	0	0	0
Ohio .....	14,798	411	493	377	752	6,755
Oklahoma .....	189,618	11,649	8,520	13,599	16,458	32,630
Oregon .....	75,141	6,586	7,787	8,201	9,441	9,077
Pennsylvania .....	40,780	2,841	2,311	3,390	2,891	9,027
Rhode Island .....	40,180	2,724	3,882	3,356	3,931	4,397
South Carolina .....	16,468	443	233	302	652	4,276
South Dakota .....	1,743	57	91	95	158	486
Tennessee .....	2,896	40	55	53	73	403
Texas .....	1,416,030	85,269	88,348	104,675	109,050	173,402
Utah .....	15,164	451	428	1,195	1,344	2,224
Vermont .....	30	3	5	4	3	3
Virginia .....	32,376	2,259	3,295	1,496	2,164	6,257
Washington .....	53,868	3,686	5,287	5,377	6,647	6,766
West Virginia .....	2,064	151	169	101	201	602
Wisconsin .....	21,114	1,762	1,093	1,299	1,117	3,660
Wyoming .....	2,323	38	58	104	99	292
<b>Total .....</b>	<b>4,929,240</b>	<b>329,373</b>	<b>337,644</b>	<b>391,473</b>	<b>434,285</b>	<b>654,087</b>

See footnotes at end of table.

**Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004**  
(Million Cubic Feet) — Continued

State	2003					
	July	June	May	April	March	February
Alabama .....	12,592	7,511	4,608	5,840	4,377	5,320
Alaska .....	3,133	2,911	2,615	2,712	2,888	2,715
Arizona .....	20,481	11,981	8,701	9,405	11,626	8,703
Arkansas .....	3,558	1,742	2,887	2,838	2,337	2,973
California .....	81,897	43,102	37,310	35,140	52,522	51,396
Colorado .....	8,567	4,998	6,022	4,519	5,772	5,472
Connecticut .....	3,890	2,870	3,254	3,505	4,261	2,098
Delaware .....	2,160	856	356	943	952	353
District of Columbia .....	0	0	0	0	0	0
Florida .....	52,649	46,957	50,704	39,940	42,010	28,404
Georgia .....	6,283	2,895	2,488	4,279	884	801
Hawaii .....	0	0	0	0	0	0
Idaho .....	612	169	137	103	121	121
Illinois .....	5,353	2,534	1,492	1,870	2,574	2,829
Indiana .....	3,030	2,194	2,759	935	1,959	1,729
Iowa .....	576	219	246	280	296	330
Kansas .....	3,052	1,196	922	780	1,037	730
Kentucky .....	464	160	302	189	153	174
Louisiana .....	27,217	20,293	18,727	15,679	13,374	13,630
Maine .....	6,861	5,255	4,141	4,923	4,329	3,613
Maryland .....	4,403	1,800	1,293	642	334	572
Massachusetts .....	21,092	15,276	12,129	10,988	10,899	9,733
Michigan .....	9,192	6,556	7,188	6,955	7,428	9,741
Minnesota .....	2,632	1,049	554	1,159	731	1,045
Mississippi .....	10,704	8,757	8,162	8,307	6,983	8,169
Missouri .....	5,293	1,267	1,285	2,399	817	661
Montana .....	26	37	11	2	21	20
Nebraska .....	1,436	424	194	261	125	161
Nevada .....	13,860	9,886	7,153	6,409	7,538	7,017
New Hampshire .....	0	0	0	0	0	0
New Jersey .....	15,790	8,331	8,598	8,284	7,062	8,118
New Mexico .....	4,814	3,535	3,293	2,349	2,838	2,704
New York .....	32,144	20,838	16,880	17,698	20,318	15,316
North Carolina .....	4,731	657	3,141	2,192	1,332	1,758
North Dakota .....	0	0	0	0	0	0
Ohio .....	1,492	813	639	1,089	1,077	348
Oklahoma .....	32,405	16,264	14,044	11,659	10,129	11,557
Oregon .....	9,294	3,209	1,623	2,085	4,356	5,636
Pennsylvania .....	6,441	3,270	2,207	2,470	2,712	1,624
Rhode Island .....	4,808	3,167	1,848	1,764	2,853	3,083
South Carolina .....	2,703	1,352	1,202	1,437	413	816
South Dakota .....	477	205	10	66	18	51
Tennessee .....	112	131	27	639	264	116
Texas .....	165,419	141,088	137,715	101,148	102,071	99,744
Utah .....	2,308	1,342	1,108	1,773	1,372	754
Vermont .....	2	2	3	2	1	1
Virginia .....	4,787	1,260	827	3,237	2,461	959
Washington .....	6,883	1,042	1,068	1,846	5,177	5,146
West Virginia .....	284	144	95	140	76	36
Wisconsin .....	2,421	1,225	1,053	1,793	1,900	2,106
Wyoming .....	326	55	82	238	254	418
<b>Total .....</b>	<b>608,655</b>	<b>410,827</b>	<b>381,098</b>	<b>332,912</b>	<b>353,032</b>	<b>328,801</b>

<sup>R</sup> Revised Data.

<sup>E</sup> Estimated Data.

<sup>NA</sup> Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia.

See Appendix A, Explanatory Note 7 for discussion of computation and revision policy.

**Source:** Form EIA-906, "Power Plant Report."

**Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004**  
(Million Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004		
				September	August	July
Alabama	NA	241,889	264,969	NA	R29,149	32,002
Alaska	NA	102,371	96,540	NA	R11,680	R12,457
Arizona	NA	173,491	170,933	NA	R25,600	28,765
Arkansas	NA	161,344	176,650	NA	R14,920	14,852
California	NA	NA	1,660,157	NA	R184,783	183,482
Colorado	NA	264,403	287,428	NA	R22,150	23,543
Connecticut	NA	112,918	130,853	NA	R11,015	10,547
Delaware	NA	NA	38,744	NA	R2,491	2,688
District of Columbia	NA	23,420	21,067	NA	NA	R994
Florida	NA	NA	530,077	NA	R69,638	71,347
Georgia	NA	278,818	271,317	NA	R26,950	26,878
Hawaii	NA	2,065	2,056	NA	NA	R229
Idaho	NA	42,225	47,981	NA	R3,638	3,718
Illinois	NA	711,704	733,407	NA	R38,256	38,917
Indiana	NA	376,237	378,584	NA	R27,675	25,711
Iowa	NA	158,856	151,425	NA	R10,313	R9,384
Kansas	NA	NA	177,832	NA	R12,607	12,205
Kentucky	NA	148,644	147,306	NA	R11,396	10,763
Louisiana	NA	NA	900,611	NA	R92,414	90,370
Maine	NA	55,172	74,543	NA	R7,679	6,911
Maryland	NA	147,378	131,431	NA	R7,841	7,254
Massachusetts	NA	NA	283,969	NA	R22,534	25,698
Michigan	NA	669,973	676,126	NA	R36,883	37,623
Minnesota	NA	248,154	238,820	NA	R13,741	14,496
Mississippi	NA	192,019	249,699	NA	R22,106	24,396
Missouri	NA	202,791	202,872	NA	R11,287	12,054
Montana	NA	38,539	42,021	NA	R2,082	2,139
Nebraska	NA	85,317	88,145	NA	R6,662	7,013
Nevada	NA	132,710	130,110	NA	R18,301	18,581
New Hampshire	NA	NA	18,449	NA	R4,363	2,789
New Jersey	NA	454,951	429,841	NA	R33,938	32,750
New Mexico	NA	88,486	93,620	NA	R7,200	8,124
New York	NA	NA	875,758	NA	R52,347	NA
North Carolina	NA	170,099	167,955	NA	R13,120	12,779
North Dakota	NA	26,457	30,300	NA	R1,825	1,168
Ohio	NA	610,655	577,121	NA	R32,408	32,266
Oklahoma	NA	327,973	340,529	NA	R36,814	38,232
Oregon	NA	148,368	141,956	NA	R16,714	16,215
Pennsylvania	NA	485,215	448,050	NA	R32,654	34,676
Rhode Island	NA	58,338	63,179	NA	R4,880	4,290
South Carolina	NA	109,179	144,236	NA	R11,839	11,395
South Dakota	NA	26,247	19,414	NA	R1,550	1,612
Tennessee	NA	186,617	178,275	NA	R12,191	11,591
Texas	NA	2,809,940	3,087,299	NA	R328,090	R329,174
Utah	NA	87,849	93,367	NA	R5,742	6,597
Vermont	NA	6,153	6,061	NA	R346	335
Virginia	NA	181,078	176,134	NA	R17,692	16,026
Washington	NA	NA	165,657	NA	R16,149	NA
West Virginia	NA	NA	73,131	NA	R4,607	4,654
Wisconsin	NA	279,110	263,621	NA	R15,164	15,929
Wyoming	NA	49,783	49,598	NA	R4,392	4,349
<b>Total</b>	<b>15,101,810</b>	<b>15,125,364</b>	<b>15,760,404</b>	<b>1,298,180</b>	<b>R1,400,698</b>	<b>R1,407,945</b>

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2004					
	June	May	April	March	February	January
Alabama .....	26,061	25,881	26,720	30,782	35,466	37,567
Alaska .....	11,398	10,428	13,032	13,696	12,781	14,127
Arizona .....	22,710	21,755	16,520	20,628	25,986	22,494
Arkansas .....	11,725	14,467	17,020	22,589	26,548	25,589
California .....	160,940	163,531	174,601	191,987	213,462	218,806
Colorado .....	19,589	23,328	28,875	31,365	45,154	47,574
Connecticut .....	10,284	11,629	13,715	16,285	20,227	20,081
Delaware .....	2,645	3,813	3,425	4,661	5,659	6,920
District of Columbia .....	1,076	1,250	2,368	3,352	4,686	6,329
Florida .....	66,292	61,000	52,613	50,111	49,490	50,966
Georgia .....	27,196	29,145	<sup>R</sup> 30,704	33,713	50,186	53,461
Hawaii .....	235	221	240	239	230	243
Idaho .....	3,303	3,562	4,518	6,211	7,965	8,942
Illinois .....	38,908	46,838	68,559	104,374	136,354	164,574
Indiana .....	25,312	30,800	38,161	52,467	69,946	80,662
Iowa .....	10,347	11,634	15,644	22,971	30,998	32,619
Kansas .....	12,082	13,392	15,378	22,019	29,212	30,206
Kentucky .....	11,192	12,316	15,763	21,629	27,509	32,628
Louisiana .....	83,344	82,897	77,953	90,342	91,905	92,654
Maine .....	6,609	6,475	6,673	6,870	7,300	6,291
Maryland .....	7,982	9,223	14,355	20,370	26,819	33,331
Massachusetts .....	24,487	26,629	42,337	43,215	51,015	50,825
Michigan .....	40,359	53,982	75,842	101,273	126,686	136,501
Minnesota .....	15,192	17,706	24,860	36,961	45,911	58,054
Mississippi .....	19,440	19,961	17,745	20,636	23,639	21,475
Missouri .....	12,104	15,339	20,364	30,104	43,004	41,160
Montana .....	2,706	3,258	3,881	5,475	6,887	8,743
Nebraska .....	5,845	6,241	7,932	12,076	16,385	16,516
Nevada .....	15,592	12,770	11,371	14,435	19,148	19,168
New Hampshire .....	1,068	1,554	2,355	3,000	4,063	3,730
New Jersey .....	32,993	38,799	51,839	64,136	84,092	88,033
New Mexico .....	7,560	8,704	8,684	12,712	14,797	14,861
New York .....	51,852	64,622	86,970	107,128	132,424	130,632
North Carolina .....	14,196	18,129	17,707	24,358	31,847	33,352
North Dakota .....	1,232	<sup>R</sup> 2,046	<sup>R</sup> 2,957	<sup>R</sup> 4,197	<sup>R</sup> 4,519	5,908
Ohio .....	31,526	43,699	65,612	91,830	115,979	135,366
Oklahoma .....	32,055	34,673	33,589	38,042	45,332	43,386
Oregon .....	12,733	14,324	16,462	19,681	24,084	26,762
Pennsylvania .....	33,089	42,091	55,058	73,848	95,571	100,567
Rhode Island .....	5,264	5,868	<sup>R</sup> 6,325	6,546	9,484	9,358
South Carolina .....	9,937	11,799	11,046	14,165	18,607	18,107
South Dakota .....	1,638	1,825	2,450	3,588	4,947	5,503
Tennessee .....	11,690	14,153	18,280	25,270	33,016	33,957
Texas .....	<sup>R</sup> 305,529	<sup>R</sup> 280,282	261,115	278,976	295,826	306,938
Utah .....	5,478	6,908	9,127	10,390	17,772	21,518
Vermont .....	426	521	835	1,079	1,388	1,158
Virginia .....	16,696	16,375	NA	24,567	34,442	40,637
Washington .....	NA	NA	18,365	23,399	28,289	33,088
West Virginia .....	4,765	5,338	9,330	11,487	14,939	14,561
Wisconsin .....	15,445	21,134	27,473	40,778	48,268	64,090
Wyoming .....	4,466	5,025	5,503	6,172	7,280	7,671
<b>Total .....</b>	<b><sup>R</sup>1,307,520</b>	<b><sup>R</sup>1,394,073</b>	<b><sup>R</sup>1,577,687</b>	<b><sup>R</sup>1,917,670</b>	<b><sup>R</sup>2,318,864</b>	<b>2,479,173</b>

See footnotes at end of table.

**Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004**  
(Million Cubic Feet) — Continued

State	2003					
	Total	December	November	October	September	August
Alabama .....	308,607	28,901	19,705	18,112	20,780	31,555
Alaska .....	NA	NA	11,949	NA	11,230	11,338
Arizona .....	R218,267	16,421	12,115	R16,240	20,380	25,289
Arkansas .....	211,123	19,993	15,242	14,544	12,431	13,200
California .....	NA	208,329	174,165	168,114	168,841	175,623
Colorado .....	372,900	47,794	39,492	21,212	20,621	22,770
Connecticut .....	153,268	16,887	13,223	10,239	7,968	9,277
Delaware .....	NA	4,993	3,677	3,023	2,797	3,569
District of Columbia .....	33,192	4,981	2,769	2,021	875	1,285
Florida .....	NA	R49,674	R54,507	R57,655	R61,715	R61,685
Georgia .....	384,947	49,939	30,433	25,757	22,005	27,895
Hawaii .....	2,738	239	216	218	224	219
Idaho .....	57,993	7,031	5,356	3,380	2,942	2,588
Illinois .....	988,410	126,937	89,625	60,145	39,492	44,457
Indiana .....	522,473	64,429	46,655	35,153	27,199	27,237
Iowa .....	219,332	26,503	20,426	13,547	10,495	10,002
Kansas .....	NA	25,856	16,093	13,192	13,750	15,318
Kentucky .....	206,286	27,285	16,979	13,377	10,407	10,337
Louisiana .....	NA	90,075	78,971	77,940	79,004	NA
Maine .....	NA	NA	6,785	7,661	6,562	7,115
Maryland .....	204,448	26,948	16,058	14,063	10,003	10,538
Massachusetts .....	NA	NA	NA	36,132	NA	NA
Michigan .....	890,291	99,743	70,166	50,408	33,443	42,904
Minnesota .....	353,472	46,227	36,190	22,901	14,887	16,216
Mississippi .....	245,764	22,051	16,729	14,964	16,673	19,159
Missouri .....	262,238	30,720	17,597	11,129	10,011	14,862
Montana .....	R55,929	7,490	6,273	3,627	2,467	2,005
Nebraska .....	114,111	13,082	8,867	6,845	5,970	7,599
Nevada .....	179,666	18,478	14,442	14,037	14,451	16,693
New Hampshire .....	NA	R2,710	R1,979	R1,452	R1,030	R1,078
New Jersey .....	609,643	74,059	46,327	34,306	28,875	34,342
New Mexico .....	115,029	12,574	7,793	6,177	7,011	8,443
New York .....	NA	R103,150	R73,910	R61,828	R53,049	R68,280
North Carolina .....	R232,730	28,502	18,190	R15,939	13,258	14,423
North Dakota .....	NA	NA	R3,899	R2,683	R2,016	1,079
Ohio .....	828,529	103,296	63,917	50,661	32,763	37,525
Oklahoma .....	418,437	37,835	25,108	27,521	28,792	45,441
Oregon .....	206,392	22,165	19,254	16,606	17,044	16,311
Pennsylvania .....	650,626	77,988	47,523	39,900	26,315	32,979
Rhode Island .....	76,189	6,670	6,472	4,709	4,891	5,423
South Carolina .....	R140,742	13,886	R9,279	8,397	8,274	11,739
South Dakota .....	36,476	4,459	3,716	2,054	1,575	1,738
Tennessee .....	243,898	27,584	16,098	13,599	11,813	11,812
Texas .....	3,629,897	285,289	258,544	276,124	278,798	365,651
Utah .....	125,806	16,584	13,370	8,002	6,382	6,496
Vermont .....	8,394	1,030	709	503	326	313
Virginia .....	250,865	33,209	21,302	15,277	11,332	14,452
Washington .....	NA	27,398	23,156	16,732	15,679	14,991
West Virginia .....	NA	NA	8,091	7,209	5,577	5,613
Wisconsin .....	387,847	47,431	36,643	24,663	16,556	17,273
Wyoming .....	67,612	7,265	5,454	5,111	4,406	4,200
<b>Total .....</b>	<b>R20,192,392</b>	<b>R2,090,554</b>	<b>R1,586,934</b>	<b>R1,389,539</b>	<b>R1,249,532</b>	<b>R1,468,403</b>

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2003					
	July	June	May	April	March	February
Alabama	26,489	21,129	20,106	23,056	25,944	33,643
Alaska	11,043	11,038	11,086	12,044	12,067	10,442
Arizona	24,866	16,767	14,594	16,651	21,442	18,432
Arkansas	12,885	12,749	15,240	18,188	22,714	27,068
California	180,450	144,778	148,903	156,670	186,419	NA
Colorado	22,686	18,769	25,031	25,481	38,175	46,928
Connecticut	8,573	7,995	9,924	13,700	17,189	18,502
Delaware	3,578	2,477	2,132	3,532	4,884	5,644
District of Columbia	1,131	1,151	1,600	2,552	3,730	5,133
Florida	<sup>R</sup> 62,685	56,995	61,734	51,239	54,039	NA
Georgia	24,909	20,646	22,853	28,622	30,766	43,117
Hawaii	225	219	227	229	235	237
Idaho	3,037	3,294	4,393	5,279	6,477	6,728
Illinois	39,228	38,293	47,025	74,433	114,277	146,910
Indiana	24,850	25,553	31,552	36,363	52,582	70,309
Iowa	9,837	10,116	12,407	16,839	25,407	32,393
Kansas	15,602	11,439	13,400	16,363	NA	29,713
Kentucky	9,498	9,328	10,800	14,032	20,612	28,947
Louisiana	86,692	72,508	82,280	81,337	82,972	85,280
Maine	7,331	5,722	4,625	5,704	5,370	4,748
Maryland	10,672	8,779	10,519	15,597	21,162	28,458
Massachusetts	31,777	28,714	30,121	35,961	NA	48,779
Michigan	35,974	37,757	53,996	78,714	112,669	134,058
Minnesota	15,422	12,906	18,222	26,556	39,308	50,689
Mississippi	19,723	18,510	17,826	19,426	21,527	26,678
Missouri	13,066	10,724	13,549	21,355	33,907	42,745
Montana	2,040	2,726	3,510	4,676	6,693	6,964
Nebraska	7,711	4,496	6,198	8,716	13,447	15,394
Nevada	17,093	13,335	11,982	12,372	15,123	14,933
New Hampshire	<sup>R</sup> 1,032	<sup>R</sup> 1,175	1,753	2,472	3,335	NA
New Jersey	34,503	27,677	36,832	51,806	69,141	84,375
New Mexico	8,274	7,408	8,378	9,674	12,380	12,971
New York	<sup>R</sup> 63,207	<sup>R</sup> 55,186	<sup>R</sup> 67,855	<sup>R</sup> 93,638	NA	<sup>R</sup> 145,335
North Carolina	13,452	9,505	14,748	17,621	21,962	31,055
North Dakota	<sup>R</sup> 1,323	<sup>R</sup> 1,953	<sup>R</sup> 2,572	<sup>R</sup> 2,778	<sup>R</sup> 4,057	<sup>R</sup> 5,113
Ohio	32,689	33,125	44,851	66,456	101,558	125,221
Oklahoma	44,895	27,880	28,176	30,719	38,040	41,806
Oregon	16,593	11,174	12,177	13,903	18,136	19,516
Pennsylvania	30,318	29,122	36,041	53,733	79,168	96,053
Rhode Island	5,830	4,902	4,332	5,488	8,281	9,205
South Carolina	9,850	8,209	9,787	11,868	12,536	17,228
South Dakota	1,790	1,684	1,900	2,898	4,339	5,034
Tennessee	11,518	13,573	14,980	19,102	28,223	37,896
Texas	366,658	289,201	298,271	266,873	296,290	312,106
Utah	6,470	5,801	7,111	10,773	12,948	15,982
Vermont	294	368	540	907	1,062	1,191
Virginia	13,965	11,674	13,811	18,102	25,646	32,215
Washington	15,310	11,402	14,881	19,244	NA	26,198
West Virginia	5,025	5,021	5,928	7,610	NA	14,547
Wisconsin	15,653	15,617	20,871	31,961	44,050	55,305
Wyoming	4,142	4,427	5,020	5,811	7,054	7,094
<b>Total</b>	<sup>R</sup> 1,433,173	<sup>R</sup> 1,206,261	<sup>R</sup> 1,357,958	<sup>R</sup> 1,570,386	<sup>R</sup> 2,015,293	<sup>R</sup> 2,325,479

<sup>R</sup> Revised Data.

NA Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the State annual totals through 2002 but not in the State monthly components. See

Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

**Sources:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-906, "Power Plant Report."

**Table 20. Average City Gate Price, by State, 2002-2004**  
(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004				
				September	August	July	June	May
Alabama .....	6.52	6.07	4.73	8.12	7.76	7.15	6.90	6.50
Alaska .....	3.08	2.32	2.35	3.01	2.86	3.01	3.03	2.97
Arizona .....	5.38	4.75	3.67	5.24	5.53	5.60	5.61	5.39
Arkansas .....	6.72	5.72	5.11	6.71	7.08	7.06	7.11	6.88
California .....	5.74	5.39	2.95	5.51	6.14	6.30	6.50	5.83
Colorado .....	4.73	4.00	2.62	3.53	2.58	4.05	3.34	4.76
Connecticut .....	7.17	5.92	6.38	6.90	7.92	8.29	8.39	8.27
Delaware .....	5.71	6.08	5.12	4.37	4.70	4.84	5.77	5.85
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	6.30	5.89	3.65	5.83	6.28	6.38	6.68	6.57
Georgia .....	6.51	6.34	4.14	5.80	6.64	6.78	7.28	6.76
Hawaii .....	9.99	8.70	6.91	11.07	10.60	10.26	10.63	10.30
Idaho .....	5.39	4.00	3.93	5.11	5.94	6.63	6.91	5.42
Illinois .....	6.22	6.07	3.55	4.98	5.95	6.46	6.27	7.07
Indiana .....	6.56	6.30	3.33	6.13	7.57	7.98	8.05	7.75
Iowa .....	NA	6.37	3.78	6.69	NA	6.67	8.22	7.19
Kansas .....	6.46	6.26	3.86	5.88	6.92	6.52	6.91	6.62
Kentucky .....	7.08	5.90	4.33	6.51	6.87	7.04	7.40	6.89
Louisiana .....	6.21	5.79	3.73	5.21	6.19	6.32	6.92	6.39
Maine .....	9.46	6.81	6.51	7.69	7.93	8.11	8.24	7.57
Maryland .....	7.38	6.99	4.66	7.36	8.33	8.32	8.74	8.62
Massachusetts .....	NA	7.63	4.92	NA	7.26	8.59	11.60	9.37
Michigan .....	6.19	5.31	4.11	5.82	6.11	6.59	6.88	6.22
Minnesota .....	6.31	6.00	3.65	6.52	6.58	6.77	6.90	6.37
Mississippi .....	6.25	NA	3.97	6.32	6.56	6.20	6.81	6.31
Missouri .....	6.85	6.15	4.40	7.96	8.69	9.39	8.45	7.93
Montana .....	6.36	5.09	2.61	5.94	6.82	7.20	7.28	6.54
Nebraska .....	6.47	5.76	3.86	5.71	6.95	6.59	7.62	6.71
Nevada .....	6.59	5.45	4.33	6.46	6.48	6.62	6.62	6.57
New Hampshire .....	6.10	NA	4.08	5.44	5.39	7.43	6.85	4.88
New Jersey .....	7.58	7.16	4.99	7.58	7.96	8.22	8.26	7.71
New Mexico .....	5.09	4.84	2.48	4.56	5.15	5.49	5.30	5.06
New York .....	NA	5.71	3.60	NA	5.83	5.57	6.42	6.06
North Carolina .....	7.07	6.97	4.22	7.28	8.03	7.98	8.52	7.72
North Dakota .....	6.56	5.75	3.33	7.15	6.49	7.62	8.14	6.99
Ohio .....	7.45	7.08	4.43	8.10	<sup>R</sup> 6.43	8.53	8.29	8.31
Oklahoma .....	6.38	5.64	4.00	6.18	6.32	6.42	6.48	6.11
Oregon .....	5.61	5.09	5.42	5.98	6.30	6.51	6.10	5.62
Pennsylvania .....	7.29	6.59	5.19	7.81	8.46	8.17	8.26	7.65
Rhode Island .....	7.22	7.09	4.99	8.65	8.43	8.10	8.22	7.30
South Carolina .....	7.31	6.89	4.88	7.29	8.02	8.19	8.63	7.83
South Dakota .....	6.55	6.32	4.11	6.16	6.80	7.16	7.80	6.98
Tennessee .....	6.41	5.98	3.96	5.79	6.24	6.33	6.58	6.61
Texas .....	5.83	5.71	3.55	5.66	6.04	6.30	6.46	5.59
Utah .....	5.53	4.71	4.09	6.31	6.10	5.76	5.38	5.69
Vermont .....	4.83	5.19	5.04	5.80	5.67	5.44	5.85	5.79
Virginia .....	7.14	6.65	4.31	7.09	8.13	7.90	7.82	7.44
Washington .....	NA	5.21	3.70	NA	NA	NA	NA	NA
West Virginia .....	6.83	5.74	4.30	7.60	9.14	9.28	9.30	7.42
Wisconsin .....	6.50	6.42	4.09	6.82	8.07	8.02	7.68	6.91
Wyoming .....	5.95	2.15	3.66	6.20	6.87	7.15	7.04	6.33
<b>Total .....</b>	<b>6.40</b>	<b>5.95</b>	<b>3.90</b>	<b>6.07</b>	<sup>R</sup> <b>6.46</b>	<b>6.68</b>	<b>6.92</b>	<b>6.48</b>

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2004				2003			
	April	March	February	January	Total	December	November	October
Alabama .....	6.54	6.14	6.22	6.23	<sup>R</sup> 6.15	6.29	6.57	6.49
Alaska .....	3.23	3.05	3.50	2.89	2.33	2.33	2.37	2.34
Arizona .....	5.16	5.35	5.31	5.44	4.87	5.32	5.08	4.74
Arkansas .....	7.12	6.50	6.55	6.60	6.07	6.72	7.35	7.46
California .....	5.22	5.04	5.44	5.80	5.20	4.76	4.72	4.83
Colorado .....	5.13	5.22	5.62	5.27	4.11	4.67	4.35	3.62
Connecticut .....	6.82	6.64	6.64	7.07	5.59	4.89	4.71	4.80
Delaware .....	5.75	5.57	5.84	6.32	5.88	5.62	5.20	4.94
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	6.29	6.02	6.21	6.40	5.87	6.25	5.69	5.28
Georgia .....	6.35	5.76	6.31	6.93	6.24	6.25	5.85	5.56
Hawaii .....	9.85	9.06	9.25	9.05	8.63	8.19	8.52	8.58
Idaho .....	5.03	5.78	5.03	5.25	4.27	4.97	4.68	4.23
Illinois .....	6.45	6.48	6.11	6.14	5.97	6.08	5.72	5.00
Indiana .....	6.51	6.41	6.12	6.24	6.19	6.13	5.69	5.75
Iowa .....	6.63	6.47	6.43	6.74	6.19	6.42	5.39	4.96
Kansas .....	6.21	6.32	6.59	6.43	6.00	5.66	5.12	5.29
Kentucky .....	7.74	7.04	7.16	6.96	6.11	6.83	6.36	6.25
Louisiana .....	5.87	5.77	6.03	7.07	5.71	5.84	5.36	5.11
Maine .....	9.60	9.84	9.94	10.28	7.45	9.08	9.88	9.42
Maryland .....	7.08	7.02	7.29	7.30	6.88	6.60	6.58	6.60
Massachusetts .....	7.51	6.53	8.00	7.62	NA	NA	6.59	6.30
Michigan .....	6.02	5.78	6.08	6.27	5.32	5.50	5.38	5.13
Minnesota .....	6.13	6.52	6.69	5.66	6.05	6.85	5.98	5.02
Mississippi .....	6.11	6.55	6.03	6.08	NA	6.08	5.49	5.63
Missouri .....	6.80	6.48	6.31	6.35	6.10	5.87	5.96	6.48
Montana .....	6.16	6.05	6.21	6.32	5.04	5.13	4.74	4.89
Nebraska .....	6.24	6.30	6.51	6.38	5.70	5.68	5.31	5.63
Nevada .....	6.20	6.94	6.51	6.70	5.67	6.46	5.62	5.79
New Hampshire .....	5.40	5.28	5.59	7.95	NA	NA	8.43	7.30
New Jersey .....	7.40	7.23	7.53	7.55	7.13	7.22	6.91	6.85
New Mexico .....	4.76	4.62	5.22	5.40	4.78	4.84	4.44	4.63
New York .....	5.63	5.73	6.38	6.80	5.61	5.52	5.46	4.90
North Carolina .....	6.91	6.54	6.75	6.56	6.80	6.17	6.90	6.46
North Dakota .....	6.07	6.25	6.61	6.23	5.78	6.36	5.57	5.55
Ohio .....	9.58	8.34	7.24	6.52	6.64	5.68	6.41	5.73
Oklahoma .....	6.82	6.31	6.48	6.21	5.80	6.17	6.36	5.42
Oregon .....	5.13	5.67	5.47	5.28	5.19	5.51	5.20	5.40
Pennsylvania .....	7.79	7.42	7.03	6.66	6.51	6.51	6.30	6.00
Rhode Island .....	7.99	6.15	5.94	7.40	6.94	6.59	6.24	7.10
South Carolina .....	7.07	6.84	6.88	6.98	6.70	6.27	6.23	6.08
South Dakota .....	6.94	6.59	6.36	6.18	6.07	6.23	4.97	4.89
Tennessee .....	6.37	6.45	6.58	6.34	5.95	6.25	5.64	5.31
Texas .....	5.88	5.25	5.61	6.03	5.57	5.67	4.90	4.61
Utah .....	5.43	5.12	5.48	5.49	4.74	5.55	4.50	3.57
Vermont .....	5.32	4.22	4.53	4.24	5.17	5.15	4.84	5.44
Virginia .....	7.19	6.78	6.93	7.06	6.60	6.60	6.23	6.54
Washington .....	<sup>R</sup> 5.71	5.78	5.39	5.76	5.07	5.10	4.59	4.87
West Virginia .....	6.46	6.55	6.41	6.33	5.77	5.64	5.91	6.21
Wisconsin .....	6.18	6.08	6.33	6.26	6.19	5.80	5.40	5.64
Wyoming .....	5.84	5.62	5.86	5.48	2.52	3.85	4.38	2.30
<b>Total .....</b>	<b>6.33</b>	<b>6.24</b>	<b>6.34</b>	<b>6.39</b>	<b>5.86</b>	<b>5.90</b>	<b>5.55</b>	<b>5.30</b>

See footnotes at end of table.

**Table 20. Average City Gate Price, by State, 2002-2004**  
(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	September	August	July	June	May	April	March	February
Alabama .....	<sup>R</sup> 6.70	6.91	8.50	8.39	6.76	6.04	7.55	5.19
Alaska .....	2.35	2.57	2.12	2.14	2.37	2.36	2.30	2.22
Arizona .....	4.88	4.84	5.06	5.17	4.78	4.22	5.21	4.74
Arkansas .....	7.26	7.27	6.46	6.99	6.94	5.25	5.00	5.72
California .....	5.32	5.19	4.85	6.63	5.05	4.75	6.68	4.89
Colorado .....	4.43	2.79	3.12	2.18	5.76	4.21	4.90	3.93
Connecticut .....	3.55	4.85	4.77	5.53	5.58	5.26	7.49	5.89
Delaware .....	5.27	5.04	5.40	5.92	5.31	5.36	8.66	6.13
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	5.28	5.44	5.73	6.48	5.80	5.86	7.20	5.83
Georgia .....	5.51	5.27	5.97	6.48	6.45	6.07	8.66	6.46
Hawaii .....	8.79	8.37	7.97	8.96	9.53	9.84	8.72	8.30
Idaho .....	4.49	4.81	5.62	6.82	4.78	4.12	4.28	3.20
Illinois .....	5.16	5.02	5.20	6.11	5.68	5.12	8.69	6.55
Indiana .....	6.01	6.38	7.57	7.15	5.74	5.96	8.14	6.21
Iowa .....	5.95	6.38	7.23	7.00	6.37	6.96	8.15	5.83
Kansas .....	5.55	6.06	6.32	6.75	5.95	6.30	8.61	5.67
Kentucky .....	6.18	6.15	6.13	6.78	6.07	6.78	7.30	5.71
Louisiana .....	5.29	5.11	5.69	6.25	5.68	4.49	<sup>R</sup> 7.46	<sup>R</sup> 6.26
Maine .....	7.53	9.39	4.75	5.01	6.08	4.39	8.85	8.01
Maryland .....	7.24	5.99	7.45	8.48	6.98	6.83	8.93	6.90
Massachusetts .....	6.64	6.85	7.87	7.66	6.67	7.05	10.15	7.17
Michigan .....	5.26	5.26	5.48	5.80	5.21	4.95	6.58	4.86
Minnesota .....	5.35	5.65	5.98	5.55	5.06	5.56	8.48	5.89
Mississippi .....	6.24	5.51	6.40	6.81	5.77	5.81	NA	5.97
Missouri .....	7.56	8.27	7.61	8.45	7.12	6.18	8.39	5.22
Montana .....	4.73	4.83	5.27	5.35	4.94	4.68	6.17	5.18
Nebraska .....	5.73	5.61	5.89	5.82	6.42	6.16	7.38	5.19
Nevada .....	5.92	5.52	5.90	6.48	6.48	6.72	6.65	4.09
New Hampshire .....	6.85	8.77	7.17	6.86	5.95	NA	8.42	NA
New Jersey .....	7.39	7.16	7.88	7.87	7.10	7.01	9.29	6.61
New Mexico .....	4.45	4.12	4.53	4.70	4.04	4.23	5.70	5.34
New York .....	5.06	4.81	5.06	5.74	5.71	5.46	7.25	5.78
North Carolina .....	7.11	7.05	7.51	8.07	7.34	7.17	9.58	6.24
North Dakota .....	5.29	7.27	7.79	7.05	5.47	5.00	7.00	5.21
Ohio .....	5.24	5.14	11.95	7.99	5.49	9.74	8.51	7.05
Oklahoma .....	5.36	5.53	5.33	5.90	6.04	5.45	7.81	5.30
Oregon .....	6.02	6.00	8.43	6.18	5.19	4.97	4.25	4.37
Pennsylvania .....	7.46	7.24	8.02	8.78	7.01	6.89	7.72	6.13
Rhode Island .....	11.81	12.76	12.64	11.59	8.31	6.44	8.98	5.98
South Carolina .....	6.87	6.67	7.38	7.94	7.06	6.66	9.45	6.28
South Dakota .....	5.58	6.29	8.00	7.32	6.62	7.07	8.50	5.38
Tennessee .....	5.55	5.45	5.68	6.32	5.59	5.63	7.68	6.14
Texas .....	5.07	5.02	5.30	6.02	4.87	5.03	7.54	6.13
Utah .....	5.98	5.82	5.94	4.39	3.62	3.76	4.32	5.12
Vermont .....	5.69	4.40	4.72	4.98	5.30	5.17	4.73	5.52
Virginia .....	8.54	7.94	7.04	7.77	7.85	6.92	6.69	6.56
Washington .....	6.22	5.66	6.15	6.22	5.35	4.82	6.44	4.48
West Virginia .....	6.05	6.18	6.80	6.65	5.83	5.92	6.15	4.86
Wisconsin .....	7.28	7.12	7.98	8.27	6.74	6.11	8.36	5.73
Wyoming .....	1.76	1.49	1.48	1.53	2.01	1.90	2.98	2.59
<b>Total</b> .....	<sup>R</sup> <b>5.59</b>	<b>5.50</b>	<b>5.82</b>	<b>6.37</b>	<b>5.67</b>	<b>5.61</b>	<b>7.60</b>	<b>5.86</b>

<sup>R</sup> Revised Data.

NA Not Available.

— Not Applicable.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. Prices in this table represent the average price of natural gas by State at the

point where the gas transferred from a pipeline to a local distribution company within the State. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy.

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

**Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004**

(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004				
				September	August	July	June	May
Alabama .....	12.86	11.43	10.56	17.71	18.06	17.60	17.12	15.16
Alaska .....	4.86	4.47	4.40	5.05	5.88	<sup>R</sup> 6.03	5.79	5.11
Arizona .....	12.20	11.26	12.24	17.01	17.95	17.08	15.91	14.58
Arkansas .....	11.42	10.05	9.08	16.38	17.28	17.19	17.21	14.06
California .....	9.63	9.24	6.89	10.00	10.16	10.14	10.12	9.36
Colorado .....	8.21	6.13	6.04	9.97	11.16	10.89	10.32	9.35
Connecticut .....	13.82	NA	11.14	16.83	16.37	16.71	15.39	15.16
Delaware .....	12.34	10.40	10.84	16.67	18.29	18.32	17.86	15.22
District of Columbia .....	13.97	13.19	11.02	17.75	16.60	19.29	18.92	17.58
Florida .....	18.04	16.79	13.40	22.03	22.46	22.38	21.50	19.51
Georgia .....	13.67	12.32	10.26	19.22	20.18	20.88	19.46	17.03
Hawaii .....	26.48	25.04	23.99	27.65	27.76	27.48	26.70	26.84
Idaho .....	8.78	7.09	8.97	10.51	10.80	10.15	9.28	9.02
Illinois .....	9.22	8.80	6.05	12.66	12.87	13.47	12.59	11.06
Indiana .....	10.10	9.72	7.62	12.64	13.18	14.38	13.67	10.97
Iowa .....	NA	9.38	6.75	16.08	NA	<sup>R</sup> 18.21	16.21	12.41
Kansas .....	10.60	8.57	7.46	15.19	15.66	15.36	14.25	12.60
Kentucky .....	10.78	8.81	7.64	15.27	15.98	15.14	14.32	13.26
Louisiana .....	10.70	10.07	7.66	13.61	14.91	14.27	14.15	12.79
Maine .....	13.83	12.49	11.30	15.07	15.03	15.33	14.38	12.81
Maryland .....	12.10	10.87	9.87	17.32	16.83	18.43	19.09	15.70
Massachusetts .....	NA	12.50	9.87	16.98	17.28	NA	14.04	14.32
Michigan .....	8.22	7.02	6.35	11.25	11.76	11.40	10.54	8.95
Minnesota .....	9.14	8.65	6.38	10.88	10.74	11.37	11.46	10.15
Mississippi .....	10.16	NA	7.59	11.47	11.97	12.34	12.14	11.28
Missouri .....	10.68	9.19	7.93	15.03	16.73	15.97	14.43	12.22
Montana .....	9.10	6.74	5.49	11.08	12.57	11.67	10.71	9.83
Nebraska .....	8.75	7.83	6.03	13.15	12.89	12.87	12.33	10.01
Nevada .....	9.66	8.95	9.80	13.15	13.38	12.87	11.53	10.62
New Hampshire .....	13.01	10.90	10.01	13.66	15.06	16.67	12.85	13.87
New Jersey .....	11.43	10.39	7.11	13.27	13.36	13.15	12.92	11.85
New Mexico .....	9.18	8.39	7.44	13.24	13.50	13.37	12.53	10.88
New York .....	12.10	11.33	9.83	16.38	16.98	16.36	15.31	13.14
North Carolina .....	12.09	11.02	9.22	19.46	18.44	17.59	16.63	13.84
North Dakota .....	8.63	7.45	5.17	11.52	12.49	13.05	11.74	9.26
Ohio .....	10.10	8.85	7.47	13.25	13.74	12.19	12.67	11.10
Oklahoma .....	9.97	8.64	7.85	14.10	14.37	13.83	13.05	11.86
Oregon .....	10.69	9.62	10.84	12.94	13.78	12.89	11.36	10.73
Pennsylvania .....	12.08	10.66	9.39	17.36	17.85	17.39	15.87	14.02
Rhode Island .....	12.94	11.56	11.90	17.25	17.34	16.55	14.96	13.32
South Carolina .....	12.06	11.69	9.54	15.96	16.25	15.96	15.47	13.57
South Dakota .....	9.35	8.56	6.88	13.38	14.44	13.69	12.37	10.61
Tennessee .....	10.04	9.56	8.01	13.53	14.45	14.33	12.71	11.47
Texas .....	10.16	9.20	7.26	14.11	15.14	14.71	14.92	12.44
Utah .....	7.80	7.12	6.41	7.99	8.84	8.92	9.78	8.17
Vermont .....	10.79	9.82	10.58	13.22	14.63	14.13	12.90	11.46
Virginia .....	13.14	11.97	10.04	18.09	16.31	20.16	19.66	17.36
Washington .....	NA	8.06	9.80	NA	NA	NA	NA	NA
West Virginia .....	10.55	8.29	8.59	14.64	15.09	14.72	14.71	11.69
Wisconsin .....	9.90	9.47	7.12	12.07	12.75	12.45	12.29	10.45
Wyoming .....	8.32	6.88	6.08	9.79	11.52	12.11	10.59	9.37
<b>Total .....</b>	<b>10.52</b>	<b>9.56</b>	<b>7.85</b>	<b>13.28</b>	<b>13.78</b>	<sup>R</sup> <b>13.43</b>	<b>13.05</b>	<b>11.60</b>

See footnotes at end of table.

**Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004**

(Dollars per Thousand Cubic Feet) — Continued

State	2004				2003			
	April	March	February	January	Total	December	November	October
Alabama .....	13.73	12.34	11.49	11.58	11.85	12.27	15.45	15.17
Alaska .....	4.82	4.67	4.66	4.51	4.40	4.42	4.11	4.30
Arizona .....	13.35	11.29	10.60	10.36	11.39	10.65	12.90	14.52
Arkansas .....	11.79	10.70	9.98	10.20	10.33	10.32	12.22	14.84
California .....	8.35	8.78	9.94	9.96	9.17	9.06	8.70	9.35
Colorado .....	8.19	7.90	7.42	7.37	6.63	7.33	7.48	8.69
Connecticut .....	14.13	13.63	13.04	12.89	NA	12.61	13.04	14.07
Delaware .....	13.40	12.09	<sup>R</sup> 12.18	9.89	10.52	10.98	10.24	11.99
District of Columbia .....	14.13	12.97	13.03	13.31	13.09	12.91	12.72	13.12
Florida .....	18.01	16.69	16.07	15.74	17.11	16.62	19.43	20.50
Georgia .....	14.81	13.68	11.65	11.05	11.96	10.20	11.93	14.17
Hawaii .....	25.83	25.92	25.79	24.85	25.16	24.89	25.96	25.88
Idaho .....	8.80	8.62	8.48	8.42	7.57	8.55	8.75	9.41
Illinois .....	9.45	8.08	8.37	8.60	8.64	7.91	8.42	9.02
Indiana .....	12.03	10.41	9.55	8.54	9.40	8.55	8.50	9.07
Iowa .....	10.21	9.62	8.59	8.57	9.25	9.09	8.40	9.55
Kansas .....	11.47	10.24	9.85	9.00	8.95	9.36	10.53	12.76
Kentucky .....	11.65	10.27	9.90	9.73	9.21	9.73	10.16	11.93
Louisiana .....	10.59	9.31	9.36	10.00	10.30	10.02	13.08	12.83
Maine .....	14.37	13.76	13.92	13.21	13.05	14.06	14.96	14.87
Maryland .....	12.09	11.14	10.86	11.01	10.99	10.97	11.48	11.75
Massachusetts .....	14.06	13.55	13.65	12.16	NA	NA	12.90	13.02
Michigan .....	8.22	7.64	7.70	7.52	7.26	7.66	7.86	8.65
Minnesota .....	8.48	8.25	9.09	8.81	8.53	8.44	8.08	8.20
Mississippi .....	10.90	9.46	9.41	9.99	NA	9.26	10.55	11.02
Missouri .....	10.75	10.06	9.73	9.56	9.49	9.70	10.94	13.09
Montana .....	9.15	8.74	8.56	8.13	7.08	7.68	7.72	8.62
Nebraska .....	8.60	8.00	8.05	7.90	7.81	7.38	7.68	9.55
Nevada .....	10.35	9.12	8.56	8.32	8.96	8.34	9.36	10.91
New Hampshire .....	13.29	13.21	12.52	12.23	NA	NA	13.25	14.07
New Jersey .....	10.89	11.20	11.11	11.19	10.72	11.49	11.75	12.13
New Mexico .....	10.18	8.54	8.17	7.53	8.37	7.45	8.88	11.24
New York .....	11.40	11.41	11.21	11.26	11.44	11.18	11.83	13.51
North Carolina .....	12.81	11.46	10.92	11.26	<sup>R</sup> 11.37	10.85	14.47	<sup>R</sup> 14.44
North Dakota .....	8.28	8.19	8.22	7.63	7.50	7.62	7.34	8.17
Ohio .....	10.04	9.66	9.56	9.58	9.07	9.44	9.74	10.17
Oklahoma .....	11.10	9.45	8.88	8.81	8.90	8.76	11.23	12.80
Oregon .....	11.46	10.61	10.11	9.86	9.84	10.15	10.52	11.67
Pennsylvania .....	11.92	11.58	10.97	11.03	10.86	11.03	11.66	12.43
Rhode Island .....	12.67	12.51	12.10	12.31	11.86	12.72	12.84	14.11
South Carolina .....	12.21	11.15	11.57	11.73	<sup>R</sup> 11.91	11.91	<sup>R</sup> 14.02	14.71
South Dakota .....	9.30	9.48	8.28	8.23	8.49	8.53	7.82	8.87
Tennessee .....	9.60	9.44	9.49	9.59	9.68	9.44	10.82	12.03
Texas .....	10.97	9.54	8.42	8.61	9.21	8.69	9.36	11.06
Utah .....	7.57	8.54	7.38	7.31	7.33	7.81	7.57	7.80
Vermont .....	10.59	10.33	10.10	10.21	10.05	10.43	10.91	11.68
Virginia .....	13.58	12.21	12.61	11.64	11.83	11.00	11.88	12.79
Washington .....	9.56	9.26	9.17	9.12	8.43	9.14	9.31	9.93
West Virginia .....	10.59	10.27	10.03	9.74	8.77	9.68	10.18	10.48
Wisconsin .....	9.64	9.22	9.65	9.45	9.28	8.95	8.75	8.70
Wyoming .....	8.14	8.04	7.49	7.23	7.19	7.63	7.60	8.69
<b>Total .....</b>	<b>10.52</b>	<b>9.97</b>	<b>9.85</b>	<b>9.69</b>	<b>9.62</b>	<b>9.50</b>	<b>9.77</b>	<sup>R</sup> <b>10.69</b>

See footnotes at end of table.

**Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004**

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	September	August	July	June	May	April	March	February
Alabama .....	17.07	16.78	16.66	16.56	15.49	14.03	11.18	9.56
Alaska .....	4.65	5.27	5.43	4.83	4.60	4.31	4.33	4.33
Arizona .....	16.47	16.16	15.55	14.26	12.34	11.12	10.24	10.18
Arkansas .....	16.07	16.25	15.97	15.82	14.37	11.83	9.42	8.27
California .....	9.65	9.62	9.84	9.53	9.05	9.26	9.53	8.83
Colorado .....	8.67	10.23	10.53	9.33	8.24	7.39	5.59	4.46
Connecticut .....	12.34	NA	15.83	14.75	15.39	14.15	14.52	11.57
Delaware .....	15.11	14.89	13.92	13.47	12.31	10.84	10.69	9.59
District of Columbia .....	18.43	16.08	17.65	15.56	14.95	13.60	13.73	13.40
Florida .....	20.86	21.16	21.08	20.59	19.48	18.24	17.64	14.09
Georgia .....	17.50	18.20	16.80	17.61	14.09	14.14	13.03	11.21
Hawaii .....	25.73	22.10	25.09	25.30	26.60	26.24	25.60	24.88
Idaho .....	9.84	10.25	9.16	7.77	7.06	6.94	6.76	6.67
Illinois .....	11.20	12.16	12.82	12.21	10.76	9.64	10.19	7.38
Indiana .....	10.44	13.06	13.79	12.57	11.39	11.49	10.96	8.65
Iowa .....	13.97	13.76	15.20	13.78	10.55	10.33	9.83	7.86
Kansas .....	13.72	14.61	14.38	13.71	11.33	9.80	7.87	7.33
Kentucky .....	13.36	14.88	13.79	13.33	12.77	10.54	8.90	7.52
Louisiana .....	13.30	13.29	12.98	13.84	12.39	10.98	10.40	8.79
Maine .....	15.84	17.09	17.32	16.14	15.50	13.56	12.00	11.77
Maryland .....	15.27	15.89	14.27	14.49	13.81	12.06	10.97	9.50
Massachusetts .....	15.25	15.66	14.88	13.20	13.92	14.18	12.42	11.33
Michigan .....	10.50	11.08	10.43	9.37	7.95	7.27	6.61	6.21
Minnesota .....	10.01	10.07	10.52	11.42	8.82	7.91	10.89	7.85
Mississippi .....	10.51	10.42	11.82	12.08	10.91	9.26	<sup>R</sup> 11.76	NA
Missouri .....	14.86	15.96	15.37	13.48	11.70	9.67	8.49	8.01
Montana .....	9.81	10.77	10.25	8.03	6.71	7.09	6.32	6.02
Nebraska .....	10.89	11.16	11.17	9.88	8.29	8.63	8.27	6.84
Nevada .....	11.20	11.56	11.01	10.38	9.55	9.15	8.25	8.31
New Hampshire .....	17.86	17.41	18.24	15.55	11.97	10.44	9.81	9.63
New Jersey .....	13.05	12.73	12.47	11.76	11.03	10.53	10.37	9.94
New Mexico .....	11.93	12.95	12.74	10.97	9.23	9.06	8.40	7.29
New York .....	15.98	15.80	15.75	14.48	12.73	12.03	11.51	9.66
North Carolina .....	18.07	19.09	18.17	16.61	14.02	12.10	11.03	9.35
North Dakota .....	9.73	10.75	12.04	10.74	8.19	7.96	8.07	6.39
Ohio .....	11.91	12.02	11.77	11.50	10.04	9.67	8.54	8.32
Oklahoma .....	13.63	13.80	13.53	12.63	11.40	9.38	7.79	7.67
Oregon .....	11.96	12.07	11.51	10.08	9.27	9.46	9.34	9.33
Pennsylvania .....	16.12	16.25	15.92	14.00	12.42	11.29	10.07	9.47
Rhode Island .....	15.93	15.40	12.93	14.15	13.38	11.18	10.78	10.67
South Carolina .....	16.20	16.13	15.84	15.18	13.50	12.88	12.37	10.46
South Dakota .....	10.97	12.12	12.74	11.45	9.54	9.61	8.92	7.64
Tennessee .....	12.12	13.41	13.30	11.35	10.54	9.80	9.79	9.33
Texas .....	12.93	13.24	12.78	12.68	11.00	10.57	9.75	8.57
Utah .....	9.04	9.50	9.45	7.77	6.68	6.15	6.85	6.61
Vermont .....	13.23	13.44	13.07	11.69	10.28	9.60	9.29	9.23
Virginia .....	18.18	17.33	19.83	17.59	16.35	12.76	13.60	10.77
Washington .....	10.41	10.87	10.36	9.41	8.68	7.78	7.44	7.45
West Virginia .....	11.12	13.13	12.59	11.62	9.87	8.86	7.26	7.80
Wisconsin .....	10.57	11.47	11.45	11.29	9.27	9.39	11.45	8.64
Wyoming .....	9.64	11.96	12.79	9.28	7.88	6.57	5.81	5.94
<b>Total</b> .....	<b>12.31</b>	<b>12.88</b>	<b>12.70</b>	<b>12.04</b>	<b>10.74</b>	<b>10.15</b>	<b>9.74</b>	<b>8.56</b>

<sup>R</sup> Revised Data.

NA Not Available.

**Notes:** Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 9 for discussion of

computations and revision policy.

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

**Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004**  
(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004				
				September	August	July	June	May
Alabama .....	10.79	9.91	8.94	11.73	11.84	11.32	11.48	10.42
Alaska .....	4.46	3.32	3.55	4.74	<sup>R</sup> 4.54	<sup>R</sup> 4.50	4.42	4.35
Arizona .....	8.31	7.62	8.58	9.01	9.00	8.82	8.22	8.78
Arkansas .....	8.65	7.43	7.07	9.79	10.32	10.62	10.67	9.64
California .....	8.33	8.08	5.81	7.90	8.21	8.23	8.26	7.82
Colorado .....	7.16	5.32	5.12	7.58	7.99	8.05	7.85	7.42
Connecticut .....	11.26	10.66	6.72	11.06	10.70	10.95	11.45	11.09
Delaware .....	10.80	8.74	9.72	11.15	11.76	12.81	12.61	12.53
District of Columbia .....	12.83	12.37	10.37	12.11	12.85	13.32	13.44	13.28
Florida .....	11.33	11.06	8.02	11.34	11.31	11.78	11.63	11.32
Georgia .....	10.67	10.06	8.21	12.07	12.65	12.50	13.50	11.95
Hawaii .....	20.77	19.49	17.65	21.82	21.53	21.39	21.14	21.06
Idaho .....	8.12	6.44	8.21	9.13	9.02	8.70	8.27	8.26
Illinois .....	8.94	8.36	7.07	10.64	11.31	11.97	11.01	10.53
Indiana .....	8.52	8.67	6.81	9.20	10.13	10.32	10.44	9.16
Iowa .....	NA	7.74	5.25	9.77	NA	<sup>R</sup> 11.03	10.86	9.90
Kansas .....	10.10	8.09	6.58	12.56	12.61	12.86	12.10	11.29
Kentucky .....	9.94	8.22	7.02	11.46	11.79	10.79	10.96	10.54
Louisiana .....	9.28	8.68	6.48	9.29	10.41	9.98	9.96	9.27
Maine .....	12.09	11.02	9.20	10.27	10.36	10.73	10.45	9.89
Maryland .....	8.94	8.08	6.81	8.65	9.03	8.79	9.10	8.83
Massachusetts .....	NA	10.87	8.43	11.35	NA	9.33	10.52	11.39
Michigan .....	7.73	6.65	5.92	9.46	9.49	9.65	8.77	8.28
Minnesota .....	8.10	7.73	5.14	7.64	8.23	8.54	9.10	8.50
Mississippi .....	8.30	NA	6.27	7.85	8.52	8.42	8.61	8.50
Missouri .....	9.83	8.42	7.22	10.95	11.10	11.23	10.81	9.96
Montana .....	8.93	6.70	5.55	10.37	11.14	10.97	10.33	9.64
Nebraska .....	7.42	6.94	4.88	7.61	8.05	8.20	7.78	7.17
Nevada .....	8.03	7.23	7.73	9.02	9.26	8.87	8.22	7.78
New Hampshire .....	NA	9.84	8.85	11.71	13.04	13.26	NA	<sup>R</sup> 11.54
New Jersey .....	10.56	9.83	5.85	8.84	10.51	11.03	10.65	9.98
New Mexico .....	7.62	6.75	5.92	8.33	8.42	8.47	8.20	8.18
New York .....	NA	8.80	6.22	NA	9.19	9.28	9.52	8.75
North Carolina .....	9.89	9.29	7.02	10.92	10.45	9.94	10.21	9.87
North Dakota .....	7.77	6.99	4.51	8.86	9.14	9.50	9.60	8.09
Ohio .....	8.87	8.03	6.29	8.72	9.23	9.27	9.55	9.14
Oklahoma .....	9.47	8.01	6.98	10.71	10.99	10.82	10.54	10.07
Oregon .....	8.57	7.71	8.12	8.98	8.83	8.67	8.55	8.08
Pennsylvania .....	10.31	9.25	7.56	11.03	11.05	11.02	11.53	10.73
Rhode Island .....	11.53	10.06	10.21	15.30	15.35	14.76	13.43	11.88
South Carolina .....	10.13	9.93	7.74	9.77	9.92	9.97	10.04	9.96
South Dakota .....	7.94	7.13	5.12	8.99	9.44	9.94	9.69	8.84
Tennessee .....	8.96	8.66	7.29	9.81	10.07	9.82	9.25	8.72
Texas .....	7.94	7.56	5.22	8.04	<sup>R</sup> 8.34	<sup>R</sup> 8.21	<sup>R</sup> 8.75	<sup>R</sup> 8.05
Utah .....	6.47	5.59	5.17	6.50	6.91	7.24	6.98	6.29
Vermont .....	8.58	7.85	8.33	8.91	8.87	8.85	8.86	8.57
Virginia .....	9.97	9.53	7.13	10.82	11.03	11.06	10.87	10.23
Washington .....	NA	7.02	8.62	NA	NA	NA	NA	NA
West Virginia .....	9.81	7.64	7.47	11.47	11.57	11.32	11.24	10.60
Wisconsin .....	8.49	8.19	5.82	8.97	9.03	9.05	9.21	8.51
Wyoming .....	6.77	5.29	5.27	6.94	7.62	8.30	7.33	7.09
<b>Total .....</b>	<b>9.05</b>	<b>8.29</b>	<b>6.51</b>	<b>9.24</b>	<sup>R</sup> <b>9.55</b>	<sup>R</sup> <b>9.52</b>	<sup>R</sup> <b>9.60</b>	<sup>R</sup> <b>9.06</b>

See footnotes at end of table.

**Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004**  
(Dollars per Thousand Cubic Feet) — Continued

State	2004				2003			
	April	March	February	January	Total	December	November	October
Alabama .....	11.04	10.67	10.39	10.48	10.15	10.80	11.49	10.97
Alaska .....	4.34	4.44	4.54	4.40	NA	3.83	3.73	NA
Arizona .....	8.69	8.51	7.02	8.19	7.75	8.12	8.24	<sup>R</sup> 7.99
Arkansas .....	8.82	8.15	7.81	7.94	7.67	8.34	8.74	8.77
California .....	7.29	8.20	8.88	9.37	8.05	8.43	7.64	7.55
Colorado .....	7.15	7.30	6.66	6.88	5.83	6.68	6.92	7.23
Connecticut .....	11.18	10.76	11.73	11.44	10.49	10.02	10.08	10.03
Delaware .....	11.74	10.81	11.14	9.08	8.93	9.83	8.71	10.16
District of Columbia .....	13.07	12.16	12.88	12.95	12.26	12.31	11.86	11.25
Florida .....	11.16	11.27	11.29	11.16	10.91	10.74	10.36	9.98
Georgia .....	10.86	10.36	10.07	9.24	9.66	8.18	9.39	10.21
Hawaii .....	20.46	20.24	19.88	19.54	19.52	19.32	19.64	19.82
Idaho .....	8.21	7.94	7.92	7.89	6.91	7.93	8.23	8.31
Illinois .....	8.97	8.17	8.28	8.54	8.28	7.84	8.25	8.39
Indiana .....	9.01	8.97	7.51	8.22	8.45	7.63	7.83	8.81
Iowa .....	8.40	8.43	7.77	7.81	7.72	8.13	7.42	6.74
Kansas .....	10.55	9.85	9.75	9.01	8.45	9.19	10.08	10.90
Kentucky .....	10.27	9.77	9.55	9.44	8.65	9.51	9.75	11.15
Louisiana .....	8.50	8.79	9.15	9.31	8.82	9.38	9.56	8.82
Maine .....	12.49	12.62	12.98	12.58	11.36	12.29	12.83	11.68
Maryland .....	8.59	8.66	9.01	9.41	8.09	8.40	8.35	7.31
Massachusetts .....	12.16	12.17	12.55	10.88	NA	NA	10.47	10.36
Michigan .....	7.79	7.42	7.47	7.33	6.89	7.40	7.81	7.53
Minnesota .....	7.59	7.55	8.30	8.22	7.60	7.56	7.23	6.69
Mississippi .....	9.40	8.39	7.64	8.21	NA	7.25	6.65	6.43
Missouri .....	9.90	9.68	9.57	9.36	8.65	9.31	9.77	9.54
Montana .....	8.95	8.64	8.50	8.09	7.04	7.66	7.72	8.42
Nebraska .....	6.97	7.18	7.50	7.38	6.83	6.67	6.29	6.49
Nevada .....	7.88	7.82	7.65	7.51	7.25	7.24	7.45	7.32
New Hampshire .....	12.16	12.38	12.09	11.56	<sup>R</sup> 10.29	<sup>R</sup> 11.84	11.95	<sup>R</sup> 11.51
New Jersey .....	9.41	10.77	11.06	10.79	9.54	9.12	8.32	8.67
New Mexico .....	8.14	7.65	7.43	6.67	6.74	6.46	6.89	7.13
New York .....	9.25	9.79	9.82	9.55	8.77	9.24	8.51	7.97
North Carolina .....	9.29	9.77	9.49	10.16	NA	NA	11.19	NA
North Dakota .....	7.35	7.53	7.74	7.20	6.99	7.17	6.84	6.85
Ohio .....	8.82	8.60	8.86	8.82	8.11	8.59	8.07	8.10
Oklahoma .....	9.93	9.27	9.01	9.05	8.26	8.89	10.00	9.91
Oregon .....	9.12	8.69	8.52	8.32	7.90	8.45	8.47	8.22
Pennsylvania .....	10.13	10.05	10.04	10.08	9.33	9.70	9.45	9.47
Rhode Island .....	11.28	11.11	10.83	10.96	10.34	11.15	11.40	11.92
South Carolina .....	10.18	9.87	10.42	10.37	9.97	9.98	10.67	9.65
South Dakota .....	7.69	8.25	7.32	7.37	7.12	7.59	6.64	6.77
Tennessee .....	8.16	8.45	9.23	8.85	8.84	9.36	8.96	10.19
Texas .....	7.86	7.41	7.73	7.87	7.66	7.99	8.24	7.65
Utah .....	6.09	6.75	6.37	6.39	5.95	6.75	6.70	6.54
Vermont .....	8.55	8.55	8.47	8.51	8.00	8.55	8.43	8.41
Virginia .....	9.78	9.37	9.96	9.65	9.44	9.22	9.25	9.19
Washington .....	8.23	8.16	8.31	8.33	7.36	8.19	8.37	8.06
West Virginia .....	9.97	9.67	9.45	9.30	8.08	9.16	9.74	9.19
Wisconsin .....	8.25	8.05	8.57	8.50	8.02	7.91	7.47	7.05
Wyoming .....	6.67	6.64	6.50	6.39	5.74	6.66	6.58	6.94
<b>Total .....</b>	<b>8.90</b>	<b>8.91</b>	<b>8.97</b>	<b>8.90</b>	<b>8.32</b>	<b>8.52</b>	<b>8.31</b>	<b>8.28</b>

See footnotes at end of table.

**Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004**

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	September	August	July	June	May	April	March	February
Alabama .....	11.59	10.91	11.25	11.05	11.30	11.56	10.00	8.80
Alaska .....	3.24	3.16	3.05	2.89	3.22	3.29	3.79	3.77
Arizona .....	7.89	7.81	7.56	7.58	7.56	7.35	7.71	7.63
Arkansas .....	9.29	9.48	9.47	9.72	9.69	8.48	7.03	6.09
California .....	7.93	7.57	7.85	7.79	7.37	8.72	8.73	8.18
Colorado .....	6.59	6.92	7.00	6.81	6.68	6.72	5.10	4.06
Connecticut .....	7.63	10.63	7.08	11.02	11.95	11.85	13.35	9.57
Delaware .....	9.65	9.63	9.49	10.28	9.93	9.12	9.29	8.26
District of Columbia .....	10.82	11.35	11.60	11.80	11.63	12.28	13.41	12.13
Florida .....	10.61	11.11	11.51	11.71	11.71	11.70	12.54	10.15
Georgia .....	10.88	11.83	11.85	12.06	11.13	11.00	11.61	9.55
Hawaii .....	19.40	19.31	19.13	19.97	20.63	20.34	19.55	18.65
Idaho .....	8.34	8.42	7.70	6.64	6.44	6.42	6.09	6.05
Illinois .....	9.14	10.16	10.89	11.08	9.81	9.21	9.50	7.21
Indiana .....	8.14	9.78	10.23	10.67	9.58	10.18	9.79	7.82
Iowa .....	8.47	8.13	9.67	9.14	8.34	8.50	8.50	6.97
Kansas .....	11.40	11.18	10.87	9.63	9.92	9.52	7.67	7.29
Kentucky .....	11.16	11.36	10.64	10.49	10.22	9.54	8.11	7.30
Louisiana .....	8.63	8.54	8.94	9.22	8.72	8.44	9.82	8.30
Maine .....	11.23	11.43	11.58	11.41	12.17	11.53	11.11	11.01
Maryland .....	7.96	7.94	8.00	8.23	8.32	8.22	8.95	7.85
Massachusetts .....	12.74	11.35	10.95	10.65	11.53	13.18	11.57	10.76
Michigan .....	8.74	8.49	8.97	8.23	7.34	6.92	6.55	6.07
Minnesota .....	7.37	7.47	7.43	8.61	7.27	7.29	10.22	7.28
Mississippi .....	6.03	6.78	7.62	7.66	7.65	7.56	NA	7.78
Missouri .....	10.35	10.47	10.30	10.26	9.60	8.95	8.18	7.81
Montana .....	9.14	9.29	9.09	7.62	6.84	6.99	6.37	6.10
Nebraska .....	6.80	6.78	7.13	7.18	6.46	7.48	8.09	6.58
Nevada .....	7.28	7.25	7.24	7.16	7.21	7.34	7.06	7.34
New Hampshire .....	<sup>R</sup> 13.02	12.03	<sup>R</sup> 13.51	14.09	11.39	9.73	9.26	9.04
New Jersey .....	6.74	7.00	9.95	9.56	9.59	8.85	12.11	10.07
New Mexico .....	6.96	7.69	7.88	6.94	6.76	7.68	7.25	6.28
New York .....	7.91	7.80	8.27	9.15	9.48	9.70	10.01	8.53
North Carolina .....	11.06	11.33	11.27	11.18	10.73	10.13	9.41	8.07
North Dakota .....	8.04	7.55	8.31	8.03	7.13	6.89	8.80	6.25
Ohio .....	8.45	8.37	8.77	8.90	8.39	9.13	8.25	7.89
Oklahoma .....	9.99	9.98	10.40	9.87	9.46	8.58	7.73	7.63
Oregon .....	8.01	8.02	7.92	7.36	7.32	7.72	7.77	7.74
Pennsylvania .....	9.81	9.61	9.96	10.24	10.47	9.73	9.52	8.92
Rhode Island .....	13.60	12.80	10.77	11.88	10.46	10.90	9.35	9.35
South Carolina .....	9.81	9.86	9.87	10.25	9.91	10.73	11.37	9.52
South Dakota .....	7.79	7.92	8.46	8.37	7.39	7.90	7.89	6.60
Tennessee .....	8.49	8.99	9.32	8.74	7.93	8.77	9.61	8.51
Texas .....	7.58	7.21	7.51	7.88	7.59	7.89	8.68	7.90
Utah .....	7.15	7.09	7.13	5.54	4.98	4.76	5.57	5.34
Vermont .....	8.24	8.19	8.29	8.07	7.89	7.81	7.74	7.78
Virginia .....	10.47	10.16	11.12	10.09	10.73	9.93	11.28	9.16
Washington .....	7.83	8.04	7.88	7.62	7.40	6.71	6.68	6.69
West Virginia .....	8.56	9.37	8.92	9.26	8.76	8.44	7.39	7.17
Wisconsin .....	7.98	8.24	8.26	8.65	7.57	8.17	10.29	7.66
Wyoming .....	7.48	7.68	7.90	6.59	5.55	4.65	4.88	4.66
<b>Total .....</b>	<b>8.35</b>	<b>8.36</b>	<b>8.69</b>	<b>8.90</b>	<b>8.64</b>	<b>8.80</b>	<b>9.05</b>	<b>7.91</b>

<sup>R</sup> Revised Data.

<sup>NA</sup> Not Available.

**Notes:** Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices only except in the States of Georgia, Maryland, New York, Ohio and Pennsylvania. See Appendix A, Explanatory Note 9 for

discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

**Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004**

(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004				
				September	August	July	June	May
Alabama .....	7.22	6.81	5.20	7.00	7.25	7.40	7.62	7.21
Alaska .....	2.12	1.78	1.63	2.27	2.23	2.24	2.06	1.92
Arizona .....	7.24	6.57	6.64	7.19	7.46	7.60	7.35	7.69
Arkansas .....	7.59	6.55	5.55	7.97	8.28	7.97	7.90	7.64
California .....	7.60	7.23	4.70	7.51	7.69	7.73	7.50	7.17
Colorado .....	NA	3.58	4.70	6.51	5.87	6.48	6.57	6.58
Connecticut .....	NA	7.46	4.75	7.26	7.40	7.50	7.81	7.66
Delaware .....	7.56	6.50	6.28	8.50	8.69	8.50	7.55	7.37
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	8.75	6.77	5.28	8.62	9.50	9.91	9.09	8.49
Georgia .....	7.59	7.00	4.66	6.77	7.83	7.99	8.12	7.35
Hawaii .....	12.83	11.73	10.04	13.79	13.15	13.20	13.31	13.18
Idaho .....	6.73	5.65	7.44	7.26	7.11	7.00	6.58	6.60
Illinois .....	8.00	7.28	4.67	8.39	8.52	7.92	8.62	8.04
Indiana .....	8.67	8.50	5.72	5.80	6.66	6.51	9.59	7.38
Iowa .....	NA	6.56	5.01	7.14	NA	8.63	8.35	7.90
Kansas .....	6.47	5.90	3.49	6.00	6.60	6.67	6.58	5.98
Kentucky .....	7.22	6.70	4.40	6.63	7.22	7.32	7.43	6.89
Louisiana .....	6.16	5.71	3.46	5.57	6.40	6.31	6.86	6.29
Maine .....	10.12	10.15	8.16	8.68	8.78	9.05	10.34	9.39
Maryland .....	10.40	10.13	7.44	10.42	10.99	12.07	11.19	10.37
Massachusetts .....	NA	10.11	7.12	NA	NA	9.68	10.91	11.68
Michigan .....	6.79	5.44	5.06	7.79	8.00	8.08	7.57	6.52
Minnesota .....	6.32	6.06	3.92	5.96	5.93	6.29	6.82	6.38
Mississippi .....	6.91	6.48	4.25	6.11	6.93	6.86	7.27	6.64
Missouri .....	8.67	7.87	5.80	8.80	8.82	9.44	8.95	8.48
Montana .....	8.23	NA	2.75	8.66	9.15	8.19	7.96	7.76
Nebraska .....	6.46	5.84	4.06	6.33	6.81	7.15	7.05	6.36
Nevada .....	8.44	8.76	7.53	8.64	8.86	8.84	8.50	8.25
New Hampshire .....	10.75	9.09	7.56	10.45	9.66	10.94	10.09	11.22
New Jersey .....	8.38	7.45	4.59	6.85	8.00	8.15	8.27	7.83
New Mexico .....	7.35	6.17	4.00	6.61	7.44	7.54	7.37	6.90
New York .....	8.49	8.00	5.39	8.51	8.47	7.95	8.00	7.73
North Carolina .....	7.55	NA	4.58	6.69	7.91	7.81	7.78	6.74
North Dakota .....	5.30	3.87	3.91	4.79	5.59	6.82	6.64	8.52
Ohio .....	9.13	8.09	5.52	8.45	9.21	9.45	9.83	9.48
Oklahoma .....	NA	7.29	6.37	7.12	8.51	9.31	11.07	9.03
Oregon .....	5.92	5.86	7.25	5.99	5.98	5.90	5.96	5.49
Pennsylvania .....	8.84	8.22	6.23	8.00	8.53	8.79	8.63	8.33
Rhode Island .....	9.44	7.89	4.43	9.93	10.32	10.11	9.92	9.31
South Carolina .....	7.40	7.14	4.23	6.60	7.60	7.67	8.18	7.51
South Dakota .....	6.05	5.62	4.19	5.79	5.85	5.91	5.93	5.88
Tennessee .....	6.00	6.03	5.21	5.63	5.83	5.77	5.89	5.91
Texas .....	5.75	5.64	3.22	5.16	5.97	6.08	6.55	6.01
Utah .....	5.66	4.86	4.04	5.51	5.42	5.66	5.98	5.59
Vermont .....	5.61	4.91	4.29	4.55	5.61	5.61	5.85	5.48
Virginia .....	7.73	7.03	4.54	7.53	7.83	8.15	7.90	7.48
Washington .....	NA	5.74	4.89	NA	NA	NA	NA	NA
West Virginia .....	7.27	NA	3.95	6.48	7.38	7.56	8.34	7.51
Wisconsin .....	7.72	7.51	4.93	7.16	8.06	7.98	8.58	7.50
Wyoming .....	6.19	6.31	4.27	6.47	7.32	7.10	6.95	6.89
<b>Total .....</b>	<b>6.21</b>	<b>5.98</b>	<b>3.82</b>	<b>5.55</b>	<b>6.19</b>	<b>6.24</b>	<b>6.70</b>	<b>6.27</b>

See footnotes at end of table.

**Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004**  
(Dollars per Thousand Cubic Feet) — Continued

State	2004				2003			
	April	March	February	January	Total	December	November	October
Alabama .....	6.86	6.79	7.36	7.49	6.66	6.68	5.91	5.94
Alaska .....	2.12	2.06	2.09	1.92	1.81	1.84	1.95	1.91
Arizona .....	6.86	7.65	6.74	7.06	6.52	6.31	6.71	6.27
Arkansas .....	7.33	6.76	7.17	7.98	6.90	7.72	7.56	7.71
California .....	6.68	7.68	7.84	8.52	7.21	7.51	6.91	6.95
Colorado .....	6.62	7.05	NA	9.05	3.89	8.04	6.95	5.47
Connecticut .....	7.90	8.41	8.90	NA	7.23	7.23	6.31	6.36
Delaware .....	7.35	6.84	7.99	6.46	6.45	6.84	6.16	6.03
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	8.51	8.88	8.40	8.08	7.00	7.88	7.45	8.09
Georgia .....	7.04	6.96	8.06	8.04	6.84	6.62	6.39	6.17
Hawaii .....	12.29	12.14	12.37	12.10	11.82	11.93	12.17	12.29
Idaho .....	6.54	6.62	6.65	6.64	5.89	6.40	6.55	6.38
Illinois .....	8.20	7.58	8.05	7.76	7.21	7.42	6.67	6.88
Indiana .....	10.29	7.91	9.90	11.12	NA	NA	6.72	NA
Iowa .....	6.99	6.82	6.70	7.19	6.56	7.26	6.35	5.97
Kansas .....	5.97	6.55	8.38	7.60	5.92	6.62	6.01	5.63
Kentucky .....	6.75	7.01	7.55	7.73	6.68	7.05	6.54	6.28
Louisiana .....	5.79	5.58	5.96	6.58	5.55	5.50	4.95	5.01
Maine .....	9.87	10.47	11.76	10.85	10.23	10.21	11.02	10.12
Maryland .....	10.34	10.41	10.81	9.16	9.57	7.49	9.56	8.71
Massachusetts .....	12.04	11.57	11.81	10.34	NA	NA	9.49	NA
Michigan .....	6.43	6.46	6.79	6.63	5.60	6.57	5.54	6.12
Minnesota .....	5.96	6.07	6.72	6.59	5.90	5.91	5.46	5.18
Mississippi .....	5.42	6.07	8.36	8.19	6.54	6.51	7.28	6.56
Missouri .....	8.54	8.15	8.91	8.52	8.00	8.40	8.43	8.46
Montana .....	9.04	8.51	8.13	7.90	NA	7.43	7.49	NA
Nebraska .....	6.07	6.02	6.36	6.38	5.74	5.62	5.33	5.44
Nevada .....	8.29	8.67	8.25	8.23	8.68	8.38	8.38	8.77
New Hampshire .....	11.96	13.32	11.18	9.35	9.53	<sup>R</sup> 10.94	10.84	10.02
New Jersey .....	7.03	8.53	9.83	9.13	7.35	7.57	6.22	<sup>R</sup> 6.68
New Mexico .....	8.19	7.22	7.62	7.13	6.14	5.98	6.09	5.93
New York .....	8.40	8.89	9.20	8.40	<sup>R</sup> 7.92	<sup>R</sup> 8.10	<sup>R</sup> 7.18	<sup>R</sup> 7.59
North Carolina .....	6.57	7.48	8.18	8.11	NA	7.16	6.91	5.40
North Dakota .....	<sup>R</sup> 5.09	<sup>R</sup> 4.98	<sup>R</sup> 5.78	5.69	<sup>R</sup> 4.33	6.22	<sup>R</sup> 5.45	<sup>R</sup> 3.46
Ohio .....	8.80	9.18	8.97	9.24	8.32	9.13	9.17	9.21
Oklahoma .....	NA	8.86	8.33	8.83	7.44	8.00	8.44	7.74
Oregon .....	5.96	6.01	6.03	5.95	5.84	5.90	5.82	5.70
Pennsylvania .....	8.77	8.45	9.52	9.56	8.11	8.42	7.21	7.35
Rhode Island .....	9.19	9.15	9.01	9.08	8.19	9.18	8.92	9.10
South Carolina .....	6.89	6.73	7.60	7.88	6.96	6.94	6.17	6.17
South Dakota .....	5.76	6.22	6.25	6.45	5.70	6.16	5.83	5.68
Tennessee .....	5.82	5.90	6.43	6.51	5.83	5.83	4.93	4.97
Texas .....	5.50	5.09	5.40	5.79	5.39	5.05	4.49	4.48
Utah .....	5.53	5.75	5.92	5.94	5.03	5.74	5.51	5.27
Vermont .....	5.53	5.51	6.04	6.12	5.08	5.90	5.45	4.90
Virginia .....	6.80	8.30	8.26	7.34	6.72	6.89	5.48	4.88
Washington .....	7.00	7.08	7.22	7.22	6.06	7.09	6.98	6.58
West Virginia .....	6.76	6.42	7.26	7.65	NA	6.33	5.92	5.73
Wisconsin .....	7.27	6.88	8.12	8.09	7.33	7.12	7.18	6.11
Wyoming .....	5.26	5.22	5.26	5.35	6.72	7.91	7.97	7.73
<b>Total .....</b>	<b>5.95</b>	<b>5.86</b>	<b>6.39</b>	<b>6.64</b>	<b>5.79</b>	<b>5.79</b>	<b>5.16</b>	<sup>R</sup> <b>4.79</b>

See footnotes at end of table.

**Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004**

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	September	August	July	June	May	April	March	February
Alabama .....	6.15	6.07	6.01	6.95	6.59	6.63	8.91	6.83
Alaska .....	1.87	1.87	1.95	1.78	1.63	1.69	1.70	1.82
Arizona .....	7.15	6.53	6.68	6.25	6.48	5.97	6.82	5.71
Arkansas .....	7.09	7.44	7.02	7.32	7.20	6.58	6.41	5.59
California .....	7.19	6.95	6.94	7.04	6.67	7.87	7.77	7.18
Colorado .....	3.49	3.44	3.49	3.71	3.62	3.60	4.14	7.16
Connecticut .....	6.55	6.25	6.83	7.32	6.76	8.22	8.81	8.11
Delaware .....	7.36	6.79	6.46	6.87	6.80	6.80	7.24	5.88
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	8.25	8.36	7.27	6.80	7.16	7.30	5.74	6.19
Georgia .....	5.92	5.93	6.70	7.40	6.51	6.78	9.54	7.16
Hawaii .....	12.15	12.14	11.82	12.19	12.35	12.15	11.35	10.92
Idaho .....	6.35	6.50	6.40	5.21	5.24	5.26	5.41	5.37
Illinois .....	7.17	7.25	8.09	8.22	6.61	7.35	8.76	6.84
Indiana .....	6.18	8.82	9.60	10.71	8.05	10.36	11.23	8.04
Iowa .....	6.23	5.20	7.33	6.97	6.72	5.62	7.78	6.31
Kansas .....	5.37	5.40	5.81	6.41	5.76	7.20	7.50	6.58
Kentucky .....	6.53	6.16	6.68	6.99	6.53	6.49	8.84	6.40
Louisiana .....	5.11	4.88	5.54	6.10	5.36	5.38	8.03	6.00
Maine .....	9.14	10.29	9.96	9.83	10.77	10.80	9.98	9.95
Maryland .....	9.17	12.03	9.63	11.69	10.92	11.40	11.36	8.61
Massachusetts .....	10.32	9.75	9.50	8.78	10.95	11.87	10.56	10.02
Michigan .....	6.74	6.81	5.42	6.65	5.81	5.59	5.47	5.02
Minnesota .....	5.49	5.51	6.04	6.03	5.60	5.73	8.91	5.85
Mississippi .....	6.76	5.91	6.03	6.60	6.03	5.51	8.68	6.90
Missouri .....	8.30	8.35	7.35	8.09	8.54	9.53	7.79	7.47
Montana .....	NA	NA	6.70	5.19	4.99	4.61	5.03	4.81
Nebraska .....	5.56	5.78	6.21	5.47	6.23	6.16	6.80	5.45
Nevada .....	8.82	8.94	8.87	9.24	8.83	8.72	8.94	8.64
New Hampshire .....	10.76	10.74	11.56	10.71	9.30	8.51	8.38	8.26
New Jersey .....	5.73	5.91	7.21	6.65	4.28	8.50	9.93	8.79
New Mexico .....	5.56	6.18	6.69	5.93	5.72	6.81	6.96	6.10
New York .....	<sup>R</sup> 7.74	<sup>R</sup> 7.12	<sup>R</sup> 7.73	<sup>R</sup> 7.58	<sup>R</sup> 7.63	<sup>R</sup> 9.52	<sup>R</sup> 8.90	<sup>R</sup> 8.04
North Carolina .....	6.46	5.64	6.09	6.94	5.79	NA	6.63	5.84
North Dakota .....	<sup>R</sup> 3.51	5.80	<sup>R</sup> 4.06	<sup>R</sup> 3.47	<sup>R</sup> 3.40	<sup>R</sup> 3.91	<sup>R</sup> 8.14	<sup>R</sup> 3.91
Ohio .....	9.59	8.66	10.15	9.36	8.58	8.78	8.37	7.58
Oklahoma .....	8.23	7.98	7.91	7.80	9.19	7.82	6.71	7.16
Oregon .....	5.57	5.70	5.89	5.88	5.59	6.04	6.14	6.20
Pennsylvania .....	7.40	6.87	8.03	8.18	7.93	8.28	9.82	8.05
Rhode Island .....	8.64	8.62	7.80	8.59	7.88	8.70	7.18	7.30
South Carolina .....	6.51	6.34	6.93	7.59	6.61	7.00	9.87	7.11
South Dakota .....	5.88	5.87	5.99	5.33	5.15	5.80	6.76	5.10
Tennessee .....	5.08	4.71	5.28	5.48	5.17	6.05	7.56	7.05
Texas .....	4.98	4.96	5.45	6.43	5.39	5.13	8.35	5.93
Utah .....	5.56	5.49	5.71	4.96	4.48	4.38	5.08	4.30
Vermont .....	4.78	4.84	4.88	4.95	4.78	5.15	5.04	4.67
Virginia .....	6.03	4.43	6.17	6.82	6.94	6.66	9.86	8.45
Washington .....	6.33	6.48	6.72	6.78	5.82	6.04	5.87	4.43
West Virginia .....	6.03	5.76	6.42	7.20	6.36	6.17	NA	8.18
Wisconsin .....	6.90	6.67	7.28	7.78	6.93	7.45	10.07	6.98
Wyoming .....	7.27	7.32	7.24	7.27	6.05	5.65	5.88	5.79
<b>Total .....</b>	<b>5.30</b>	<b>5.22</b>	<b>5.63</b>	<sup>R</sup> <b>6.37</b>	<sup>R</sup> <b>5.60</b>	<sup>R</sup> <b>5.89</b>	<b>8.11</b>	<sup>R</sup> <b>6.27</b>

<sup>R</sup> Revised Data.

NA Not Available.

— Not Applicable.

**Notes:** Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers

reflect onsystem sales prices only. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

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

**Table 24. Average Price of Natural Gas Sold to Electric Power<sup>a</sup> Consumers, by State, 2002-2004**  
(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004				
				July	June	May	April	March
Alabama	w	w	w	6.24	6.56	6.84	6.12	w
Alaska	2.79	2.11	w	2.69	2.81	2.80	2.85	2.81
Arizona	5.82	w	2.99	6.26	6.36	6.00	5.82	5.18
Arkansas	w	5.81	w	6.33	6.62	6.73	w	5.76
California	5.89	5.56	3.59	6.32	6.36	6.10	5.72	5.30
Colorado	5.53	4.55	2.51	5.53	5.71	5.49	4.37	4.41
Connecticut	7.12	w	3.66	6.55	6.77	6.85	6.35	6.44
Delaware	w	w	w	w	w	w	w	w
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.40	6.25	3.87	6.50	6.64	6.55	6.07	6.02
Georgia	w	w	3.63	6.59	7.01	7.04	6.26	w
Hawaii	—	—	—	—	—	—	—	—
Idaho	w	w	w	w	w	w	w	w
Illinois	6.50	6.18	3.32	6.74	7.06	6.62	6.13	5.90
Indiana	w	w	w	w	w	6.47	w	w
Iowa	7.38	w	3.66	6.94	7.28	7.29	6.45	6.73
Kansas	5.63	5.78	3.02	5.91	6.15	5.67	5.26	4.83
Kentucky	w	w	w	w	w	w	w	w
Louisiana	w	w	w	6.55	6.97	6.87	w	5.99
Maine	6.81	w	3.59	6.32	6.72	6.75	6.25	5.88
Maryland	w	w	3.90	5.78	6.23	6.40	w	w
Massachusetts	6.65	5.87	3.21	6.43	6.66	6.51	6.07	6.03
Michigan	w	w	3.50	4.82	4.68	4.56	w	4.11
Minnesota	w	w	w	w	w	w	w	w
Mississippi	w	w	w	6.22	6.10	6.66	w	5.70
Missouri	w	w	w	w	w	w	w	w
Montana	w	w	w	w	w	w	w	w
Nebraska	6.54	6.81	3.46	6.20	9.27	6.69	6.05	6.40
Nevada	5.89	5.35	4.71	5.68	5.84	6.04	5.50	5.08
New Hampshire	w	—	3.50	w	w	5.67	6.34	6.12
New Jersey	7.16	6.92	3.95	7.12	7.47	7.33	6.72	6.54
New Mexico	w	w	w	w	w	w	w	w
New York	6.31	6.66	3.79	6.62	6.89	6.81	6.29	6.16
North Carolina	w	w	w	w	7.16	7.13	w	w
North Dakota	7.30	7.55	2.63	—	8.67	7.42	6.43	6.49
Ohio	w	w	w	6.59	6.92	w	6.44	5.77
Oklahoma	6.03	w	w	6.33	6.70	6.07	5.71	5.76
Oregon	w	w	w	5.17	w	w	w	4.69
Pennsylvania	7.45	5.97	3.69	7.23	7.64	7.56	7.32	6.36
Rhode Island	w	w	4.55	w	w	w	w	w
South Carolina	w	w	w	w	w	w	w	w
South Dakota	—	—	—	—	—	—	—	—
Tennessee	w	w	w	w	w	w	—	—
Texas	5.85	5.79	3.17	6.14	6.45	6.11	5.56	5.20
Utah	w	w	w	2.14	—	2.49	—	2.45
Vermont	w	—	3.18	—	—	—	—	—
Virginia	w	w	w	6.90	7.45	7.49	6.93	w
Washington	w	w	w	4.95	w	w	w	4.03
West Virginia	w	w	3.86	6.86	w	w	w	6.75
Wisconsin	w	w	w	w	w	w	5.94	w
Wyoming	1.36	3.17	4.88	4.44	—	8.00	2.92	2.48
<b>Total</b>	<b>5.87</b>	<b>5.87</b>	<b>3.46</b>	<b>6.24</b>	<b>6.52</b>	<b>5.81</b>	<b>5.76</b>	<b>5.47</b>

See footnotes at end of table.

**Table 24. Average Price of Natural Gas Sold to Electric Power<sup>a</sup> Consumers, by State, 2002-2004**

(Dollars per Thousand Cubic Feet) — Continued

State	2004		2003					
	February	January	Total	December	November	October	September	August
Alabama .....	w	5.81	w	w	4.44	w	w	5.32
Alaska .....	2.78	2.78	2.29	2.64	2.64	2.65	2.50	2.58
Arizona .....	5.37	5.82	w	w	4.82	4.80	5.05	4.98
Arkansas .....	5.65	w	w	w	—	3.86	3.32	—
California .....	5.59	5.94	5.46	5.54	4.91	5.75	5.20	5.20
Colorado .....	5.62	5.59	4.45	5.05	3.08	4.47	4.62	4.47
Connecticut .....	7.28	10.75	w	w	w	w	w	5.64
Delaware .....	w	w	w	w	w	w	w	w
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	6.04	6.29	6.04	5.90	5.35	5.81	5.93	5.89
Georgia .....	5.82	6.66	w	6.66	5.39	8.86	5.14	5.52
Hawaii .....	—	—	—	—	—	—	—	—
Idaho .....	w	w	w	w	w	w	w	w
Illinois .....	6.31	6.62	5.94	5.88	5.06	4.99	6.26	5.68
Indiana .....	w	w	w	w	w	w	w	5.97
Iowa .....	7.59	7.67	w	6.33	5.66	4.32	5.88	5.87
Kansas .....	5.38	5.77	5.28	5.03	4.35	4.56	4.94	4.93
Kentucky .....	w	w	w	w	w	w	w	w
Louisiana .....	6.24	w	w	w	w	w	w	w
Maine .....	7.56	8.35	w	7.03	5.12	5.41	w	5.45
Maryland .....	5.14	10.29	w	w	w	w	w	6.52
Massachusetts .....	6.25	10.25	5.55	6.51	4.82	5.00	4.97	4.94
Michigan .....	w	4.00	w	w	w	3.43	3.55	4.45
Minnesota .....	w	w	w	w	w	w	w	w
Mississippi .....	5.74	6.48	w	6.66	4.68	5.14	5.03	5.37
Missouri .....	w	w	w	w	w	4.71	w	w
Montana .....	w	w	w	8.95	w	w	6.41	w
Nebraska .....	5.96	6.49	6.19	5.91	4.65	5.01	5.45	5.38
Nevada .....	5.32	6.14	5.31	5.70	4.91	5.22	5.16	5.43
New Hampshire .....	7.95	8.19	—	—	—	—	—	—
New Jersey .....	7.03	8.51	6.62	6.97	6.03	5.75	6.00	5.83
New Mexico .....	w	w	w	w	w	w	w	w
New York .....	6.77	7.25	6.17	5.74	5.25	5.37	5.55	5.71
North Carolina .....	w	w	w	w	w	w	4.87	5.29
North Dakota .....	7.56	9.50	7.64	—	—	—	7.33	9.50
Ohio .....	7.04	w	w	13.72	6.25	w	w	5.88
Oklahoma .....	5.92	6.38	w	5.91	w	w	w	5.23
Oregon .....	5.07	5.23	w	w	4.45	4.62	4.68	4.79
Pennsylvania .....	6.63	9.88	5.63	7.30	4.51	4.84	4.40	5.34
Rhode Island .....	w	w	w	w	w	w	5.57	6.22
South Carolina .....	w	w	w	w	w	w	w	w
South Dakota .....	—	—	—	—	—	—	—	—
Tennessee .....	—	w	w	—	w	—	—	w
Texas .....	5.41	5.88	5.37	4.73	4.44	4.58	4.87	4.99
Utah .....	2.45	w	w	—	—	3.52	w	w
Vermont .....	—	w	—	—	—	—	—	—
Virginia .....	w	w	w	w	w	w	w	w
Washington .....	4.52	4.98	w	w	3.84	3.28	3.59	3.41
West Virginia .....	6.76	8.09	w	7.35	6.16	5.87	5.60	6.05
Wisconsin .....	w	6.68	w	w	w	5.14	5.39	5.28
Wyoming .....	—	2.74	3.40	1.28	4.63	3.17	3.80	3.91
<b>Total .....</b>	<b>5.75</b>	<b>6.38</b>	<b>5.55</b>	<b>5.45</b>	<b>4.78</b>	<b>5.09</b>	<b>5.12</b>	<b>5.20</b>

See footnotes at end of table.

**Table 24. Average Price of Natural Gas Sold to Electric Power<sup>a</sup> Consumers, by State, 2002-2004**  
(Dollars per Thousand Cubic Feet) — Continued

State	2003							2002
	July	June	May	April	March	February	January	Total
Alabama .....	w	w	w	6.39	7.20	w	w	3.57
Alaska .....	2.57	2.07	2.08	2.11	2.02	2.03	2.02	w
Arizona .....	5.26	5.69	5.17	4.11	6.12	w	w	3.26
Arkansas .....	—	—	4.44	—	7.27	6.42	6.05	3.59
California .....	5.45	5.33	5.26	5.23	6.78	5.79	5.12	3.82
Colorado .....	4.79	5.34	4.43	3.48	4.73	3.59	5.15	2.53
Connecticut .....	w	w	w	w	9.26	9.29	w	3.98
Delaware .....	w	w	w	w	w	w	w	w
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	6.16	6.69	6.14	6.09	7.98	6.35	4.72	4.14
Georgia .....	5.55	6.21	6.47	5.97	w	8.90	6.50	3.73
Hawaii .....	—	—	—	—	—	—	—	—
Idaho .....	w	w	w	w	w	w	w	w
Illinois .....	5.86	6.55	6.52	6.87	7.93	6.87	4.28	3.45
Indiana .....	w	6.31	w	w	w	4.71	w	3.28
Iowa .....	6.15	6.63	w	w	w	w	w	3.87
Kansas .....	5.27	5.76	5.11	4.95	8.76	6.47	5.07	3.11
Kentucky .....	w	w	w	w	w	w	6.10	3.60
Louisiana .....	w	w	w	5.34	w	w	w	3.63
Maine .....	5.49	w	w	5.96	7.30	8.46	7.02	4.09
Maryland .....	6.15	5.99	4.96	5.46	10.64	w	9.79	4.31
Massachusetts .....	5.45	5.74	5.89	5.67	6.78	6.72	5.39	3.60
Michigan .....	w	w	4.21	w	w	w	w	3.55
Minnesota .....	w	w	w	w	w	w	w	w
Mississippi .....	w	w	w	w	w	w	w	3.57
Missouri .....	w	w	w	w	w	w	w	w
Montana .....	w	w	w	w	w	6.12	w	3.95
Nebraska .....	6.36	6.72	6.97	5.91	8.49	7.05	6.48	4.17
Nevada .....	5.68	6.20	5.55	5.16	5.36	4.61	4.48	4.53
New Hampshire .....	—	—	—	—	—	—	—	4.08
New Jersey .....	6.28	6.94	6.56	6.21	10.25	6.72	6.96	4.19
New Mexico .....	w	w	w	w	w	w	w	w
New York .....	5.91	5.87	6.22	6.11	8.68	7.33	6.28	4.06
North Carolina .....	5.34	w	w	w	w	w	w	3.52
North Dakota .....	—	7.56	—	—	—	—	7.50	—
Ohio .....	w	w	6.08	w	w	w	w	3.78
Oklahoma .....	5.53	6.10	w	w	w	w	w	3.55
Oregon .....	4.59	w	w	w	w	w	4.28	3.39
Pennsylvania .....	5.33	5.45	5.10	5.74	7.38	8.30	7.40	3.97
Rhode Island .....	w	7.08	6.85	w	10.41	9.20	w	4.70
South Carolina .....	w	w	w	w	w	w	w	w
South Dakota .....	—	—	—	—	—	—	—	—
Tennessee .....	w	—	—	w	w	w	w	w
Texas .....	5.25	5.95	5.63	5.13	7.18	6.63	5.04	3.41
Utah .....	w	w	w	4.16	w	w	—	w
Vermont .....	—	—	—	—	—	—	—	—
Virginia .....	w	w	w	w	w	w	w	4.30
Washington .....	3.95	w	w	w	w	w	3.66	w
West Virginia .....	6.14	7.21	6.40	56.30	15.51	w	w	4.17
Wisconsin .....	5.62	6.35	w	w	w	w	w	3.51
Wyoming .....	1.90	3.00	3.27	3.86	3.32	—	—	4.38
<b>Total .....</b>	<b>5.47</b>	<b>5.97</b>	<b>5.69</b>	<b>5.36</b>	<b>7.16</b>	<b>6.44</b>	<b>5.28</b>	<b>3.68</b>

<sup>a</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. Through 2001, data are for regulated electric utilities only; beginning in 2002, data also include nonregulated members of the electric power sector.

w Withheld.

— Not Applicable.

**Notes:** Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

**Sources:** Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004

State	YTD 2004		YTD 2003		YTD 2002		2004	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	September	
							Commercial	Industrial
Alabama .....	79.5	16.9	79.3	14.9	81.1	21.2	70.1	15.5
Alaska .....	49.0	78.9	61.0	81.4	56.8	88.0	44.0	73.4
Arizona .....	93.5	40.2	91.5	35.2	93.6	44.5	93.1	37.1
Arkansas .....	81.4	5.3	81.9	5.1	81.3	5.0	74.5	4.8
California .....	70.2	4.9	NA	5.4	68.0	7.8	71.4	4.2
Colorado .....	96.7	NA	99.5	0.6	94.6	1.4	97.3	1.1
Connecticut .....	71.0	NA	67.7	49.0	72.9	47.9	68.2	52.7
Delaware .....	85.2	10.6	NA	12.8	82.9	15.5	76.0	10.5
District of Columbia .....	24.6	—	31.5	—	21.8	—	20.0	—
Florida .....	36.8	1.8	36.1	NA	43.0	3.3	34.4	2.2
Georgia .....	100.0	4.8	100.0	4.4	100.0	19.2	100.0	4.6
Hawaii .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho .....	86.1	2.3	85.8	2.0	84.8	2.2	80.1	1.6
Illinois .....	39.2	8.0	42.8	9.0	39.8	8.6	29.2	4.6
Indiana .....	77.4	7.0	79.3	8.3	76.9	7.1	65.6	6.7
Iowa .....	NA	NA	77.6	6.1	79.0	6.2	67.2	4.1
Kansas .....	NA	6.6	59.3	6.5	60.4	13.0	NA	7.1
Kentucky .....	77.1	13.1	78.2	16.4	78.8	17.7	70.0	12.2
Louisiana .....	98.7	22.3	98.9	13.7	99.1	13.2	98.9	24.8
Maine .....	65.9	10.5	68.2	9.0	58.2	14.2	51.0	9.8
Maryland .....	100.0	9.9	100.0	8.6	100.0	7.7	100.0	9.9
Massachusetts .....	NA	NA	58.2	NA	56.9	19.3	66.2	NA
Michigan .....	65.2	10.5	63.6	10.8	64.0	9.5	48.4	4.8
Minnesota .....	93.6	35.0	92.3	41.6	88.9	36.4	94.5	29.6
Mississippi .....	96.9	21.7	NA	25.0	97.1	26.2	96.4	22.4
Missouri .....	78.4	12.4	80.6	12.7	81.2	16.9	68.8	9.2
Montana .....	76.2	1.5	69.0	NA	73.7	2.1	61.3	0.8
Nebraska .....	68.0	14.2	63.2	NA	61.9	14.9	53.0	14.4
Nevada .....	68.4	15.7	68.3	18.8	81.7	38.1	64.6	13.9
New Hampshire .....	NA	10.4	NA	NA	77.9	10.1	60.0	5.7
New Jersey .....	48.5	17.1	51.7	22.6	48.8	20.3	28.1	14.0
New Mexico .....	63.5	9.3	67.4	8.1	68.0	14.6	61.3	9.1
New York .....	NA	16.4	100.0	17.7	100.0	11.5	NA	10.9
North Carolina .....	NA	25.2	92.2	NA	90.8	38.4	81.4	21.1
North Dakota .....	92.6	44.9	92.9	52.1	90.1	8.1	88.8	64.7
Ohio .....	100.0	3.3	100.0	3.0	100.0	3.6	100.0	2.1
Oklahoma .....	61.0	NA	71.6	2.9	71.3	3.5	44.7	1.1
Oregon .....	98.5	23.4	98.3	15.2	98.4	15.1	98.0	23.8
Pennsylvania .....	100.0	6.0	100.0	6.9	100.0	6.6	100.0	4.6
Rhode Island .....	75.4	18.5	72.5	18.8	66.5	27.3	69.3	19.0
South Carolina .....	96.4	80.1	96.8	80.8	98.4	85.9	95.4	80.7
South Dakota .....	80.9	27.0	82.4	25.0	83.3	43.5	67.6	24.8
Tennessee .....	91.4	32.1	88.9	28.6	91.3	36.1	85.4	30.3
Texas .....	84.0	48.9	87.0	44.8	87.4	42.0	78.1	47.3
Utah .....	NA	NA	85.5	13.7	82.5	13.5	77.9	26.9
Vermont .....	100.0	77.1	100.0	79.2	100.0	73.5	100.0	69.2
Virginia .....	61.2	14.2	63.4	13.3	59.4	14.0	51.4	8.5
Washington .....	NA	NA	87.6	20.2	89.4	27.3	NA	NA
West Virginia .....	54.8	13.0	61.1	NA	53.8	13.2	28.7	14.1
Wisconsin .....	80.6	18.1	77.3	18.3	75.9	20.0	69.3	11.8
Wyoming .....	48.8	2.0	48.9	2.0	82.9	2.1	56.2	2.3
<b>Total .....</b>	<b>77.1</b>	<b>23.2</b>	<b>77.3</b>	<b>22.0</b>	<b>78.2</b>	<b>22.7</b>	<b>70.1</b>	<b>22.7</b>

See footnotes at end of table.

**Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 - Continued**

State	2004							
	August		July		June		May	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	71.5	15.9	73.4	15.2	72.0	16.7	81.1	17.1
Alaska .....	<sup>R</sup> 46.4	74.6	<sup>R</sup> 44.7	75.2	41.5	74.5	48.1	73.7
Arizona .....	93.2	37.4	93.3	36.1	93.8	41.0	92.5	36.6
Arkansas .....	72.2	4.3	70.7	5.7	71.4	5.9	74.6	4.6
California .....	71.8	4.4	72.0	4.6	74.7	3.6	68.6	5.1
Colorado .....	94.6	1.2	96.1	0.8	95.4	0.8	94.0	0.4
Connecticut .....	72.3	54.5	67.2	56.5	67.2	54.5	69.7	53.1
Delaware .....	73.8	11.0	73.6	10.2	72.5	13.1	77.5	8.6
District of Columbia .....	22.0	—	19.5	—	19.5	—	20.9	—
Florida .....	33.6	1.6	33.1	1.5	35.3	1.8	35.6	1.6
Georgia .....	100.0	4.5	100.0	4.7	100.0	4.7	100.0	4.4
Hawaii .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho .....	80.1	1.9	77.5	1.9	81.3	2.0	81.8	2.1
Illinois .....	28.9	5.3	26.7	5.5	32.7	5.9	28.3	5.0
Indiana .....	65.2	5.9	67.1	6.3	67.6	5.6	70.2	5.8
Iowa .....	NA	NA	<sup>R</sup> 64.9	<sup>R</sup> 3.1	68.4	4.2	69.8	3.9
Kansas .....	57.7	8.6	35.5	10.5	34.7	11.0	43.2	7.3
Kentucky .....	68.2	11.9	71.1	12.8	68.4	13.1	70.3	11.5
Louisiana .....	98.7	25.0	98.9	25.4	98.9	25.8	99.0	24.8
Maine .....	54.0	11.7	48.9	8.1	53.2	13.4	53.7	10.7
Maryland .....	100.0	6.9	100.0	6.3	100.0	5.7	100.0	8.5
Massachusetts .....	NA	NA	69.1	NA	61.3	25.5	65.3	26.1
Michigan .....	48.2	4.7	44.9	4.8	52.0	5.4	55.7	7.1
Minnesota .....	83.1	36.9	90.9	28.5	87.3	27.3	96.1	39.9
Mississippi .....	96.1	20.5	96.3	20.0	96.0	19.1	96.0	19.0
Missouri .....	66.9	8.5	67.4	8.4	68.9	8.9	73.9	10.0
Montana .....	58.5	0.7	68.1	1.1	68.7	1.5	71.5	1.5
Nebraska .....	63.4	9.2	55.6	7.9	82.3	12.4	72.5	16.0
Nevada .....	59.1	11.9	63.0	11.1	64.6	11.7	65.2	12.8
New Hampshire .....	56.3	4.3	56.0	4.0	NA	5.6	NA	7.2
New Jersey .....	27.2	15.5	27.0	12.0	25.9	14.1	36.8	15.5
New Mexico .....	61.4	9.7	60.7	10.3	57.0	11.0	52.0	10.2
New York .....	100.0	12.7	100.0	13.6	100.0	16.6	100.0	16.4
North Carolina .....	NA	15.6	NA	27.7	78.9	31.6	87.2	20.3
North Dakota .....	89.4	60.2	87.3	14.3	84.2	16.9	89.0	<sup>R</sup> 37.8
Ohio .....	100.0	2.2	100.0	1.7	100.0	2.2	100.0	2.0
Oklahoma .....	42.8	1.2	48.9	1.3	49.6	0.6	51.1	1.1
Oregon .....	98.0	22.2	97.6	22.7	97.8	22.9	97.8	21.9
Pennsylvania .....	100.0	4.9	100.0	4.6	100.0	4.4	100.0	4.7
Rhode Island .....	67.9	18.2	69.0	19.8	74.8	14.0	77.9	24.7
South Carolina .....	95.7	81.0	96.6	80.7	95.7	80.3	96.3	81.1
South Dakota .....	71.3	27.6	66.7	22.6	74.3	28.2	70.8	26.1
Tennessee .....	84.9	28.2	85.9	30.6	86.5	29.9	88.9	33.1
Texas .....	<sup>R</sup> 82.0	49.4	<sup>R</sup> 82.9	50.8	<sup>R</sup> 81.1	51.6	<sup>R</sup> 81.9	48.6
Utah .....	72.7	NA	NA	NA	74.1	12.7	78.2	12.7
Vermont .....	100.0	68.3	100.0	70.0	100.0	73.8	100.0	78.6
Virginia .....	50.9	13.3	50.6	14.4	53.5	10.2	51.9	13.6
Washington .....	NA	NA	NA	NA	NA	NA	NA	NA
West Virginia .....	27.4	15.1	31.8	15.5	31.0	14.7	40.0	19.5
Wisconsin .....	68.0	10.0	72.6	12.4	71.2	13.5	75.1	12.9
Wyoming .....	50.7	1.7	46.3	2.7	46.6	1.9	49.3	1.8
<b>Total .....</b>	<b><sup>R</sup>70.5</b>	<b>23.8</b>	<b><sup>R</sup>71.2</b>	<b>24.6</b>	<b><sup>R</sup>71.5</b>	<b>24.4</b>	<b><sup>R</sup>73.1</b>	<b>22.7</b>

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 - Continued

State	2004							
	April		March		February		January	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	77.1	16.9	82.8	17.5	83.3	18.5	83.0	18.0
Alaska .....	48.2	79.0	50.0	83.2	50.4	88.8	53.5	96.6
Arizona .....	92.2	37.2	93.5	37.8	93.7	50.7	94.7	44.2
Arkansas .....	80.4	4.9	85.3	5.5	86.8	6.0	85.8	5.7
California .....	70.1	4.7	68.2	5.0	68.6	7.8	69.5	4.5
Colorado .....	95.6	0.6	95.1	0.2	96.8	NA	99.7	—
Connecticut .....	70.6	52.8	70.8	47.4	73.1	47.7	71.9	NA
Delaware .....	85.4	11.7	86.2	11.1	90.2	10.4	90.1	9.7
District of Columbia .....	23.3	—	27.5	—	27.0	—	27.4	—
Florida .....	37.3	1.7	39.2	2.1	40.3	1.9	39.0	2.2
Georgia .....	100.0	<sup>R</sup> 4.5	100.0	5.2	100.0	5.1	100.0	5.5
Hawaii .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho .....	84.0	2.0	88.2	2.8	88.9	3.0	89.0	3.2
Illinois .....	38.5	7.5	40.9	9.5	44.9	11.3	43.7	12.6
Indiana .....	74.7	6.3	77.4	8.4	82.5	8.2	82.2	8.5
Iowa .....	70.1	4.5	77.2	7.0	76.9	7.1	79.2	8.3
Kansas .....	51.1	8.0	58.6	3.5	62.4	2.0	55.7	1.9
Kentucky .....	76.0	12.8	77.3	13.0	81.5	14.7	79.9	15.1
Louisiana .....	99.1	26.1	98.9	17.6	98.2	17.0	98.2	15.8
Maine .....	61.2	10.1	71.0	8.9	75.2	10.2	75.9	11.9
Maryland .....	100.0	11.6	100.0	11.2	100.0	13.5	100.0	13.1
Massachusetts .....	72.6	28.0	76.4	45.9	76.5	47.3	78.3	48.0
Michigan .....	65.5	11.0	66.3	17.3	72.3	15.3	71.3	14.0
Minnesota .....	92.9	40.1	94.9	34.1	94.7	36.6	94.7	40.3
Mississippi .....	97.0	22.0	97.6	21.9	97.3	24.1	97.2	26.5
Missouri .....	77.3	13.4	81.6	14.2	83.5	17.8	80.5	15.5
Montana .....	69.4	1.0	80.0	1.9	84.1	2.4	82.2	1.8
Nebraska .....	70.5	16.6	63.8	21.8	69.3	18.8	72.4	17.3
Nevada .....	64.6	15.6	70.6	15.4	74.2	24.3	74.8	22.1
New Hampshire .....	76.4	10.6	79.2	10.9	84.1	11.1	83.1	28.7
New Jersey .....	50.9	17.1	55.3	18.6	61.2	23.2	59.1	20.1
New Mexico .....	61.4	9.9	66.4	9.0	67.2	7.2	67.4	7.7
New York .....	100.0	19.1	100.0	16.7	100.0	19.3	100.0	17.7
North Carolina .....	89.3	22.5	91.1	22.1	90.5	28.8	95.3	35.5
North Dakota .....	91.4	<sup>R</sup> 57.6	93.8	<sup>R</sup> 58.9	94.2	<sup>R</sup> 48.0	95.1	14.5
Ohio .....	100.0	3.6	100.0	3.8	100.0	5.5	100.0	4.8
Oklahoma .....	55.4	NA	63.4	2.4	68.8	2.8	69.1	2.0
Oregon .....	98.1	23.3	98.6	24.3	98.8	24.4	99.1	25.1
Pennsylvania .....	100.0	6.5	100.0	7.9	100.0	7.8	100.0	7.2
Rhode Island .....	78.0	<sup>R</sup> 19.9	75.3	17.3	79.3	19.7	71.5	16.5
South Carolina .....	96.4	81.2	96.4	79.4	96.9	77.9	96.6	79.1
South Dakota .....	80.4	24.4	81.1	30.0	85.0	28.5	87.0	29.0
Tennessee .....	91.3	32.2	93.2	35.0	94.4	34.8	93.8	33.6
Texas .....	81.3	49.4	82.6	46.6	89.0	49.2	87.8	46.9
Utah .....	80.6	14.6	84.4	13.3	87.0	15.2	87.3	13.8
Vermont .....	100.0	82.2	100.0	80.7	100.0	84.7	100.0	79.9
Virginia .....	47.9	15.4	61.3	17.2	70.9	17.3	72.5	19.9
Washington .....	86.2	12.6	89.8	20.9	89.8	21.4	91.7	21.3
West Virginia .....	53.7	11.3	61.4	11.2	69.3	10.3	69.5	10.5
Wisconsin .....	79.5	18.5	82.1	23.0	83.9	23.2	84.6	25.4
Wyoming .....	50.7	1.9	45.4	2.2	48.9	1.9	48.8	2.0
<b>Total .....</b>	<b>76.5</b>	<b><sup>R</sup>23.0</b>	<b>78.4</b>	<b><sup>R</sup>22.4</b>	<b>80.7</b>	<b><sup>R</sup>23.2</b>	<b>80.7</b>	<b>22.2</b>

See footnotes at end of table.

**Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 - Continued**

State	2003							
	Total		December		November		October	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	77.6	15.0	75.3	16.1	69.0	15.3	68.5	14.1
Alaska .....	NA	NA	57.3	NA	63.2	100.0	NA	82.3
Arizona .....	91.9	37.1	93.8	44.3	92.1	41.7	<sup>R</sup> 92.0	42.2
Arkansas .....	81.9	5.4	85.0	6.2	80.3	6.2	75.9	6.6
California .....	NA	5.5	71.9	7.0	71.2	5.9	58.9	4.6
Colorado .....	98.9	0.5	97.0	0.1	99.8	0.3	95.8	0.5
Connecticut .....	68.5	51.0	74.4	59.6	70.1	60.8	63.6	49.5
Delaware .....	NA	13.2	87.5	13.1	82.9	11.8	73.5	18.2
District of Columbia .....	30.9	—	31.1	—	29.9	—	25.4	—
Florida .....	35.4	NA	35.7	<sup>R</sup> 1.8	32.7	<sup>R</sup> 2.4	31.3	<sup>R</sup> 1.7
Georgia .....	100.0	4.5	100.0	5.2	100.0	4.7	100.0	4.3
Hawaii .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho .....	85.3	2.1	88.0	3.2	82.5	2.4	74.1	2.0
Illinois .....	42.4	9.1	44.5	9.8	39.2	9.6	37.8	8.4
Indiana .....	78.9	NA	81.1	NA	75.7	10.3	72.7	NA
Iowa .....	77.3	6.6	78.2	7.6	76.5	8.9	71.8	7.3
Kansas .....	57.7	5.7	59.1	2.3	44.5	3.6	45.2	3.8
Kentucky .....	77.5	16.4	78.6	16.0	75.1	15.6	69.1	17.1
Louisiana .....	98.7	14.2	97.7	15.3	98.4	17.2	98.9	14.9
Maine .....	NA	9.1	NA	14.4	76.1	8.0	57.1	6.3
Maryland .....	100.0	9.5	100.0	12.2	100.0	11.3	100.0	11.4
Massachusetts .....	NA	NA	NA	NA	NA	12.7	31.3	NA
Michigan .....	64.3	10.7	69.9	14.1	66.2	9.4	58.5	6.8
Minnesota .....	92.4	42.4	93.0	43.4	93.4	45.7	90.6	43.6
Mississippi .....	NA	24.1	96.7	25.6	95.8	18.8	93.3	20.0
Missouri .....	78.8	12.5	78.1	14.3	68.3	11.1	64.7	9.3
Montana .....	<sup>R</sup> 68.6	NA	74.3	1.6	70.0	1.2	49.3	NA
Nebraska .....	64.4	NA	69.3	21.9	69.2	18.7	62.8	17.8
Nevada .....	68.2	19.4	72.0	22.0	66.7	24.2	61.0	16.0
New Hampshire .....	NA	NA	<sup>R</sup> 86.3	<sup>R</sup> 16.8	<sup>R</sup> 74.6	<sup>R</sup> 13.1	<sup>R</sup> 65.0	<sup>R</sup> 9.1
New Jersey .....	53.4	20.8	63.6	20.0	60.1	14.2	39.9	<sup>R</sup> 12.1
New Mexico .....	67.5	7.7	69.2	5.1	66.7	6.6	64.3	8.0
New York .....	100.0	<sup>R</sup> 16.8	100.0	<sup>R</sup> 16.1	100.0	<sup>R</sup> 16.8	100.0	<sup>R</sup> 9.6
North Carolina .....	NA	NA	NA	24.1	72.5	21.2	NA	NA
North Dakota .....	93.1	NA	94.3	NA	93.9	<sup>R</sup> 21.7	90.0	<sup>R</sup> 46.6
Ohio .....	100.0	2.9	100.0	3.4	100.0	2.4	100.0	1.8
Oklahoma .....	71.1	2.6	74.9	2.3	64.8	1.5	58.0	1.5
Oregon .....	98.4	17.5	98.8	25.3	98.8	24.4	98.2	21.1
Pennsylvania .....	100.0	6.7	100.0	6.6	100.0	5.9	100.0	5.5
Rhode Island .....	71.6	19.2	70.1	22.3	67.7	18.5	65.5	22.1
South Carolina .....	96.5	80.2	96.3	77.7	94.8	78.6	95.8	78.8
South Dakota .....	82.3	25.5	82.5	29.1	84.6	26.8	76.4	24.8
Tennessee .....	88.7	30.1	91.1	36.7	85.5	34.1	84.2	34.2
Texas .....	87.8	45.9	92.2	50.4	88.8	47.8	89.6	49.0
Utah .....	84.9	13.6	86.0	13.1	83.5	13.3	78.7	13.9
Vermont .....	100.0	78.4	100.0	79.7	100.0	76.9	100.0	72.7
Virginia .....	62.4	13.4	63.3	13.5	58.0	13.6	56.1	13.4
Washington .....	88.1	20.1	90.5	22.2	90.0	18.7	85.4	18.9
West Virginia .....	60.9	NA	66.5	NA	57.0	14.2	52.2	12.9
Wisconsin .....	78.1	18.9	82.5	24.7	79.3	20.0	76.0	16.6
Wyoming .....	50.2	2.1	50.0	2.3	56.2	2.6	54.5	1.7
<b>Total .....</b>	<b>77.3</b>	<b><sup>R</sup>22.3</b>	<b>79.9</b>	<b><sup>R</sup>23.3</b>	<b>77.3</b>	<b><sup>R</sup>22.3</b>	<b><sup>R</sup>72.2</b>	<b><sup>R</sup>23.4</b>

See footnotes at end of table.

**Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 - Continued**

State	2003							
	September		August		July		June	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	69.7	14.0	77.2	12.8	73.4	16.0	77.8	14.4
Alaska .....	67.2	70.6	71.3	70.2	70.3	75.7	67.5	76.7
Arizona .....	92.1	41.9	91.1	36.0	90.3	35.1	91.7	33.2
Arkansas .....	72.8	6.0	73.5	5.3	73.6	4.5	72.0	3.8
California .....	64.0	4.8	70.9	5.3	59.5	4.4	66.9	5.1
Colorado .....	96.8	1.6	96.8	1.8	99.9	1.1	99.8	0.5
Connecticut .....	67.8	50.7	76.0	44.3	70.4	45.4	67.1	47.7
Delaware .....	78.8	10.5	77.5	9.5	76.3	13.6	80.4	11.1
District of Columbia .....	23.0	—	18.7	—	18.8	—	26.9	—
Florida .....	33.9	<sup>R</sup> 2.0	31.6	<sup>R</sup> 1.4	32.2	<sup>R</sup> 1.8	32.8	2.0
Georgia .....	100.0	4.0	100.0	3.6	100.0	3.4	100.0	4.0
Hawaii .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho .....	78.1	1.8	78.4	2.2	80.2	2.0	82.5	1.6
Illinois .....	36.7	4.8	33.8	7.0	33.2	5.2	34.4	6.3
Indiana .....	68.8	8.4	73.8	5.2	65.3	5.6	68.4	5.3
Iowa .....	71.4	5.3	68.8	4.7	71.6	4.5	72.7	5.0
Kansas .....	44.6	6.7	44.5	16.1	44.2	11.1	54.1	5.0
Kentucky .....	71.2	15.6	69.4	13.8	71.0	14.3	72.6	17.6
Louisiana .....	99.1	14.2	99.0	13.6	99.1	12.5	98.9	14.5
Maine .....	51.1	7.7	54.8	8.7	47.0	6.6	61.0	7.9
Maryland .....	100.0	6.7	100.0	5.8	100.0	6.0	100.0	6.2
Massachusetts .....	39.3	NA	37.7	NA	60.0	13.5	30.9	29.6
Michigan .....	46.0	6.5	49.1	3.9	45.4	6.2	50.2	5.8
Minnesota .....	83.4	48.5	91.5	39.7	78.8	36.2	90.5	40.7
Mississippi .....	93.2	22.2	92.7	22.9	93.6	27.2	93.8	26.9
Missouri .....	67.9	8.7	63.2	7.3	73.7	10.5	68.9	10.4
Montana .....	46.5	NA	59.5	NA	59.6	1.0	58.3	1.0
Nebraska .....	64.6	12.5	54.3	NA	64.5	10.0	55.7	27.0
Nevada .....	56.5	12.6	62.3	12.1	59.4	13.8	62.9	13.4
New Hampshire .....	<sup>R</sup> 55.2	<sup>R</sup> 7.7	<sup>R</sup> 61.4	<sup>R</sup> 7.5	<sup>R</sup> 60.0	<sup>R</sup> 8.0	<sup>R</sup> 60.9	<sup>R</sup> 8.2
New Jersey .....	43.3	14.5	36.7	18.8	26.6	16.7	42.2	19.5
New Mexico .....	60.2	9.1	60.7	15.3	61.8	11.4	59.4	8.7
New York .....	100.0	<sup>R</sup> 13.0	100.0	<sup>R</sup> 18.8	100.0	<sup>R</sup> 16.7	100.0	<sup>R</sup> 19.4
North Carolina .....	87.2	31.1	87.5	32.2	89.4	32.6	93.2	30.1
North Dakota .....	89.5	<sup>R</sup> 53.0	88.5	13.1	85.8	<sup>R</sup> 32.5	81.5	<sup>R</sup> 60.1
Ohio .....	100.0	1.1	100.0	1.3	100.0	1.5	100.0	1.9
Oklahoma .....	54.5	0.4	54.6	1.4	54.7	2.4	62.6	3.0
Oregon .....	98.2	19.2	97.7	15.6	97.8	15.5	97.6	16.1
Pennsylvania .....	100.0	5.3	100.0	5.1	100.0	5.5	100.0	5.5
Rhode Island .....	69.2	18.6	75.0	18.8	77.1	16.8	63.5	11.7
South Carolina .....	96.1	80.1	96.4	79.1	96.4	80.5	96.7	83.2
South Dakota .....	72.4	25.3	67.4	23.3	72.4	24.7	76.6	22.4
Tennessee .....	82.0	32.9	79.0	30.5	79.4	28.9	81.4	24.7
Texas .....	88.7	50.6	90.6	49.3	88.7	54.2	86.4	40.0
Utah .....	77.1	13.9	71.6	12.7	72.6	11.9	78.7	13.2
Vermont .....	100.0	69.8	100.0	67.2	100.0	74.5	100.0	71.9
Virginia .....	49.0	9.4	48.4	14.9	50.3	10.0	60.8	6.9
Washington .....	83.7	17.5	82.3	15.3	82.7	13.6	83.8	15.1
West Virginia .....	38.8	14.7	33.5	13.4	39.4	13.7	35.9	14.1
Wisconsin .....	66.2	11.4	65.2	10.9	65.4	9.9	70.1	10.8
Wyoming .....	53.7	1.6	48.9	1.5	42.0	1.7	52.9	1.6
<b>Total .....</b>	<sup>R</sup> 72.5	<sup>R</sup> 23.1	<b>73.6</b>	<sup>R</sup> 23.7	<b>71.4</b>	<sup>R</sup> 25.7	<b>72.6</b>	<sup>R</sup> 20.0

See footnotes at end of table.

**Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 - Continued**

State	2003							
	May		April		March		February	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	74.0	14.1	76.3	14.9	80.6	16.8	85.6	15.5
Alaska .....	58.5	76.1	56.9	87.4	53.5	89.6	52.9	99.1
Arizona .....	91.6	33.9	90.6	33.8	91.2	34.1	91.3	35.6
Arkansas .....	75.9	4.0	79.9	4.6	85.5	5.8	86.4	6.0
California .....	67.3	5.6	64.7	6.5	64.4	5.5	NA	8.0
Colorado .....	99.4	0.5	99.7	0.7	99.8	0.2	99.9	—
Connecticut .....	64.8	48.9	66.8	51.0	66.9	52.8	65.6	47.4
Delaware .....	83.6	18.2	86.4	20.4	90.0	13.8	91.2	13.8
District of Columbia .....	29.0	—	29.3	—	42.8	—	38.7	—
Florida .....	34.4	1.9	34.8	2.2	37.4	2.4	40.2	NA
Georgia .....	100.0	4.8	100.0	4.6	100.0	5.0	100.0	5.6
Hawaii .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho .....	85.4	1.7	85.8	1.8	88.3	2.1	87.6	2.5
Illinois .....	31.9	7.3	41.2	8.4	47.4	11.9	46.5	12.3
Indiana .....	72.4	6.3	75.2	6.5	81.5	8.0	81.9	12.0
Iowa .....	71.7	4.3	76.1	5.6	79.8	7.7	79.3	7.4
Kansas .....	54.6	8.1	59.3	6.0	65.8	2.0	63.3	2.1
Kentucky .....	70.8	16.6	75.3	16.9	80.6	16.2	81.3	17.5
Louisiana .....	99.0	14.6	98.9	14.4	98.7	12.8	98.9	14.1
Maine .....	50.2	10.3	71.7	9.0	74.7	9.8	77.7	10.4
Maryland .....	100.0	7.4	100.0	8.6	100.0	10.8	100.0	12.6
Massachusetts .....	62.8	23.7	54.1	43.8	63.2	46.0	68.7	59.1
Michigan .....	59.7	8.7	65.5	11.7	66.3	14.9	68.2	14.3
Minnesota .....	81.3	40.8	87.5	37.6	99.1	40.2	95.6	44.2
Mississippi .....	93.7	22.5	94.5	24.7	NA	26.9	96.9	28.6
Missouri .....	74.6	10.2	79.8	11.5	85.5	16.2	85.4	18.0
Montana .....	64.0	1.8	65.3	2.1	75.3	3.3	74.0	2.8
Nebraska .....	55.1	19.3	58.6	21.8	64.8	27.8	66.7	25.5
Nevada .....	64.6	15.0	69.0	23.1	71.0	20.6	76.6	29.2
New Hampshire .....	73.8	8.3	81.9	13.5	85.0	15.5	NA	NA
New Jersey .....	26.3	25.8	60.5	28.8	61.5	28.0	58.8	24.9
New Mexico .....	58.6	9.3	65.4	7.5	70.8	5.5	72.1	4.2
New York .....	100.0	<sup>R</sup> 17.2	100.0	<sup>R</sup> 17.3	100.0	<sup>R</sup> 19.1	100.0	<sup>R</sup> 18.4
North Carolina .....	89.5	30.5	90.9	NA	95.4	43.0	93.5	40.5
North Dakota .....	88.0	<sup>R</sup> 62.6	65.9	<sup>R</sup> 56.9	97.1	<sup>R</sup> 32.2	98.2	<sup>R</sup> 61.0
Ohio .....	100.0	1.5	100.0	3.1	100.0	4.3	100.0	5.2
Oklahoma .....	62.4	1.4	66.2	2.5	76.3	6.3	77.1	4.3
Oregon .....	98.0	16.1	98.2	12.7	98.5	13.8	98.5	14.2
Pennsylvania .....	100.0	5.8	100.0	7.4	100.0	8.8	100.0	8.5
Rhode Island .....	76.0	26.7	71.4	19.6	77.2	21.5	74.2	19.0
South Carolina .....	96.8	83.3	96.0	81.0	96.8	77.7	97.4	81.2
South Dakota .....	81.8	23.9	80.5	26.0	85.9	27.3	83.4	24.4
Tennessee .....	84.6	25.9	87.8	27.5	92.1	30.1	93.5	31.0
Texas .....	85.7	41.5	83.0	41.1	86.1	40.6	86.8	41.1
Utah .....	80.9	14.1	87.5	14.9	88.5	13.1	89.5	14.6
Vermont .....	100.0	73.7	100.0	75.3	100.0	100.0	100.0	100.0
Virginia .....	59.8	10.0	60.9	18.4	64.5	13.0	67.9	18.0
Washington .....	85.9	18.5	88.6	19.5	89.7	25.5	89.7	26.9
West Virginia .....	44.9	13.6	58.1	14.0	70.3	NA	74.3	12.7
Wisconsin .....	75.6	14.2	79.4	17.6	78.9	24.4	79.6	25.7
Wyoming .....	47.6	1.6	46.5	2.1	46.8	2.5	52.6	2.9
<b>Total .....</b>	<b>73.7</b>	<b><sup>R</sup>20.5</b>	<b>76.9</b>	<b><sup>R</sup>21.2</b>	<b>80.2</b>	<b>21.2</b>	<b>79.6</b>	<b><sup>R</sup>22.0</b>

<sup>R</sup> Revised Data.

NA Not Available.

— Not Applicable.

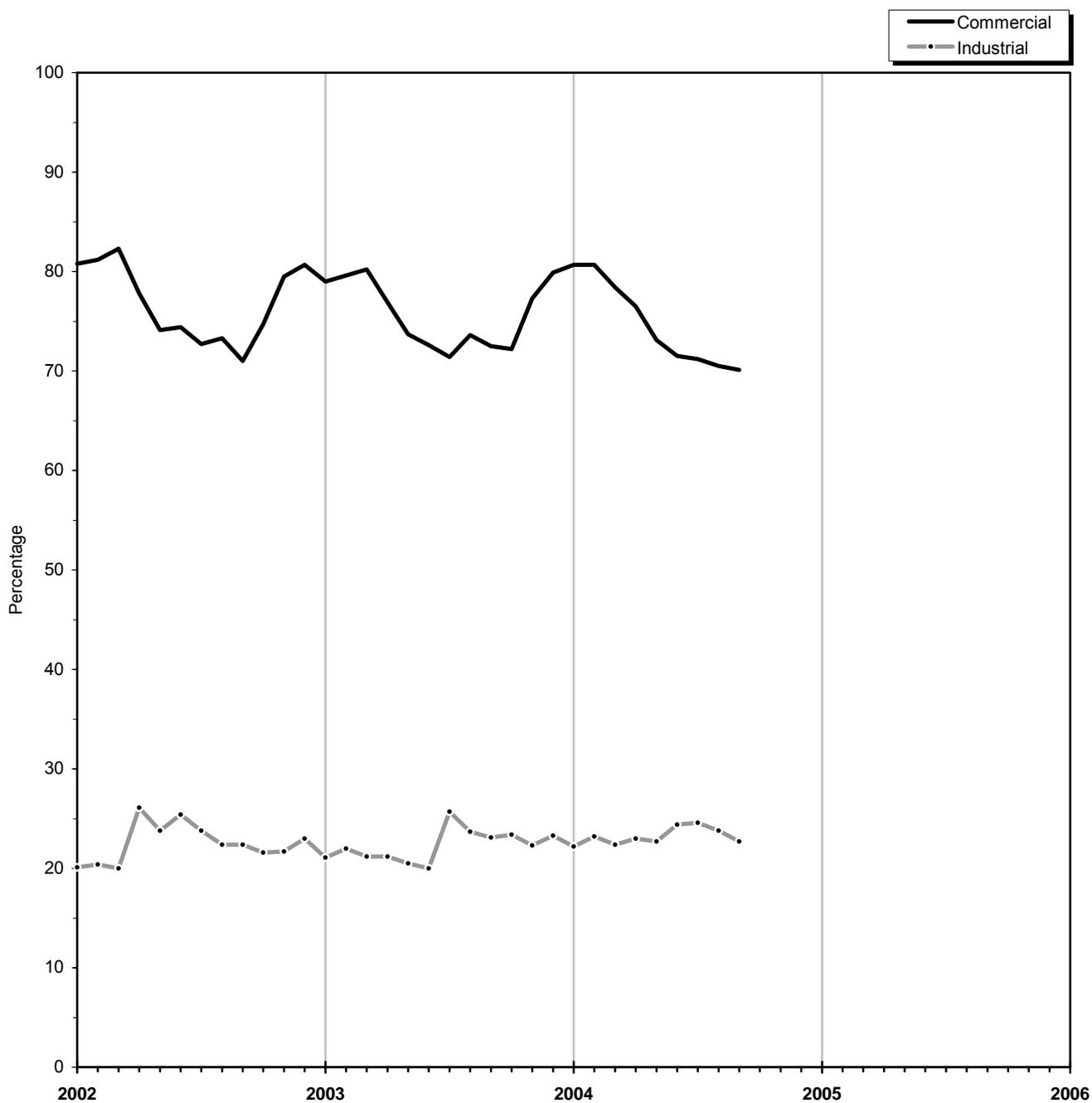
**Notes:** Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and industrial sectors. This information may be helpful in evaluating

commercial and industrial price data which are based on sales data only except in the States of Georgia, Maryland, New York, Ohio and Pennsylvania. See Appendix C, Statistical Considerations, for a discussion of the computation of natural gas prices.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

# Figure 6

## Figure 6. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, 2002-2004



Source: Table 25.

# Appendix A

## Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly (NGM)*. The information in this Appendix is provided to assist users in understanding the monthly data. Table A1 lists the methodologies for deriving the data to be published for the most recent months shown in Tables 1-3. The following explanatory notes describe sources for all *NGM* tables.

### Note 1. Production

#### *Annual Data*

Natural gas production data are collected from 32 gas-producing States on the voluntary Form EIA-895 "Monthly Quantity and Value of Natural Gas Report." The form requests data on gross withdrawals, gas vented and flared, repressuring, nonhydrocarbon

**Table A1. Methodology for Most Recent Monthly Natural Gas Supply and Disposition Data of Table 1-3**

Components	Reporting Methodology
<b>Supply and Disposition</b>	
Marketed Production	Derived from the Short-Term Energy Outlook
Extraction Loss	Derived from Marketed Production
Dry Production	Marketed Production minus Extraction Loss
Withdrawals from Storage	Reported on Form EIA-191
Supplemental Gaseous Fuels	Derived from supply estimates and coal gasification information
Imports	Estimated from National Energy Board of Canada information and liquefied natural gas information
Additions to Storage	Reported on Form EIA-191
Exports	Estimated from industry trends and liquefied natural gas information
Current-Month Consumption	Reported on Form EIA-857, Form EIA-906, 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-906
Vehicle Fuel	Derived from annual estimates provided by the Coal, Nuclear and Renewable Fuels Division of EIA

gases removed, fuel used on leases, marketed production (wet), and extraction loss. The U.S. Minerals Management Service (MMS) also supplies data on the quantity and value of natural gas production from the federal waters of the Gulf of Mexico.

### *Monthly Data*

State marketed production data are derived from State data submissions, State and MMS websites reporting natural gas production, and EIA estimates. State marketed production data for a particular month are estimated if data are unavailable at the time of publication. For most States, the data are estimated based on final monthly data reported on the Form EIA-895 for the previous year. Monthly State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the annual EIA-895. These ratios are applied to the monthly estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Current monthly estimates for gross withdrawals are calculated from final monthly data filed on Form EIA-895 for the previous year, if necessary. The Reserves and Production Division of the Office of Oil and Gas, EIA, provides estimates of marketed production for the States of Texas, Louisiana, and Oklahoma.

All monthly data are considered preliminary until after publication of the *Natural Gas Annual (NGA)* for the year in which the report month falls. Volumetric data are converted, as necessary, to a standard 14.73 psia pressure base. Data are revised as Table 7 monthly data are updated. Final monthly data are the sums of monthly data reported on the Form EIA-895 annual schedule.

## **Note 2. Nonhydrocarbon Gases Removed**

### *Annual Data*

Data on nonhydrocarbon gases removed from marketed production—carbon dioxide, helium, hydrogen sulfide, and nitrogen—are reported by State agencies on Form EIA-895. Nine of the 32 producing States reported data on nonhydrocarbon gases removed during 2002. These 9 States accounted for 36 percent of total 2002 gross withdrawals. The State of Missouri has reported zero gross withdrawals since 1997.

### *Monthly Data*

All monthly data are considered preliminary until after publication of the *NGA* for the year in which the

report month falls. Monthly State estimates of nonhydrocarbon gases removed are prepared by EIA based on annual data reported on Form EIA-895, if necessary. Each State's annual percentage of nonhydrocarbon gases removed to gross withdrawals reported is applied to the States monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

For States not supplying monthly data on the annual schedule of the EIA-895, final monthly data are calculated by allocating the final annual volume to the months in the same proportion as the preliminary monthly data.

## **Note 3. Extraction Loss**

### *Annual Data*

Extraction loss data are calculated from data reported on Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production". For a fuller discussion, see the *NGA*.

### *Monthly Data*

Preliminary data are estimated based on extraction loss as an annual percentage of marketed production. This percentage is applied to each month's marketed production to estimate monthly extraction loss.

Monthly data are revised after the publication of the *NGA*. Final monthly data are estimated by allocating annual extraction loss data to each month based on its total natural gas marketed production.

## **Note 4. Supplemental Gaseous Fuels**

### *Annual Data*

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

### *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.

## Note 5. Imports and Exports

### *Annual Data and Final Monthly Data*

Annual and final monthly data are supplied by the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports", which requires monthly data to be reported each quarter for the calendar year.

### *Monthly Data - Imports*

Preliminary monthly import data are based on data from the National Energy Board of Canada and responses to informal industry contacts and EIA estimates. Preliminary data are revised after the publication of the NGA.

### *Monthly Data - Exports*

Preliminary monthly export data are based on historical data from the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports", informal industry contacts, and information gathered from natural gas industry trade publications. Preliminary monthly data are revised after publication of the NGA.

## Note 6. Natural Gas Storage

Note that final monthly and annual storage levels, additions, and withdrawal data shown in Table 2 include both underground and liquefied natural gas (LNG) storage.

### *Annual Data*

Preliminary annual data on additions and withdrawals from underground storage facilities are the sum of the monthly data from the EIA-191. Final annual data are adjusted to data in the EIA-176.

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

### *Monthly Data*

Preliminary and final monthly data on underground storage levels, additions, and withdrawals are from the EIA-191. 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.

## Note 7. Consumption

### *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.

### *Monthly Data*

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

### *Residential, Commercial, and Industrial Sector 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 error. 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 Coal, Nuclear, and Renewable Fuels Division of EIA. Monthly State level vehicle fuel data are not available.

### *Electric Power Sector 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-906, "Power Plant Report." The estimates reported in the *NGM* represent gas delivered to electricity-only plants (utility and nonutility 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 years Form EIA-176. This percentage is applied to each months total consumption figure 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 months revised total consumption figure 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 months 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 months revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected on the Form EIA-895 and estimates from the Form EIA-176. See the *NGA* for a complete discussion of this process.

### **Note 8. 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 9. 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. 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." Except for these States, none of the prices reflect average prices of natural gas transported to consumers for the account of third parties or Aspot-market@ prices. Table 25 indicates the percentage of total deliveries included in commercial and industrial price estimates.

Prices of natural gas delivered to electric utilities are derived from data reported on Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants" as reported in the *Electric Power Monthly*. Data on the price of natural gas delivered to other electric power producers are not available.

## Note 10. Average Wellhead Price

### *Annual Data*

Form EIA-895 requests State agencies to report the quantity and value of marketed production. When complete data are unavailable, the form instructs the State agency to report the available aggregate value and the quantity of marketed production associated with this value. A number of States reported volumes of production and associated values for other than marketed production. In addition, information for several States that were unable to provide data was obtained from Form EIA-176. It should be noted that Form EIA-176 reports a fraction of State production. The imputed average value of marketed production in each State is calculated by dividing the States reported aggregate value by its associated production. This unit price is then applied to the quantity of the States marketed production to derive the imputed aggregate value of marketed production.

### *Monthly Data*

Preliminary values for the monthly U.S. natural gas wellhead price are estimated from the New York Mercantile Exchange (NYMEX) futures final settlement price for near-month delivery at the Henry Hub, and reported cash market prices at 5 major trading hubs: Henry Hub, LA; Carthage, TX; Katy, TX; Waha, TX; and Blanco, NM. The NYMEX price is publicly available and is reported in numerous trade publications, including NGI's Daily Gas Price Index (published by Intelligence Press, Inc.). The cash market prices are published in another trade publication, Natural Gas Week (Energy Intelligence Group, Inc.), and they reflect the spot delivered-to-pipeline, volume-weighted average prices for natural gas bought and sold at the specified trading hubs.

Prices include processing, gathering, and transportation fees to the hubs. The estimated wellhead prices are derived with a statistical procedure based on analysis of monthly time series data for the period 1995 through 2000. The preliminary estimates are replaced when annual survey data become available, usually about 10 months after the end of the report year.

Final monthly data are provided through the Form EIA-895, which requests State agencies to report monthly values of marketed production. Details of the monthly collection match those described in the preceding section on annual data. Preliminary monthly gas price data are replaced by these final monthly data.

## Note 11. 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.

# Appendix B

## Data Sources

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

Data are collected from annual, quarterly, and monthly surveys. The primary annual report is the Form EIA-176 "Annual Report of Natural and Supplemental Gas Supply and Disposition," a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines. The Office of Fossil Energy provides quarterly files of monthly data on imports and exports. The monthly reports include surveys of the natural gas industry, surveys of the electric power industry, and a voluntary survey completed by energy or conservation agencies in the gas-producing States. The monthly natural gas industry surveys are the Form EIA-191 filed by companies that operate underground storage facilities, the voluntary Form EIA-895 filed by the gas-producing States and the U.S. Minerals Management Service, 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 surveys are the Form EIA-906 filed by a sample of electric power generators and the Form FERC-423 filed (for price data) by fossil-fueled electric utilities. Responses to the monthly surveys are mandatory, except for Form EIA-895. A description of the survey respondents, reporting requirements, and processing of the data is given on the following pages for each of the surveys. Copies of the forms and instructions are available on the EIA website.

### **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; and 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 2003 for report year 2002 totaled approximately 2000 questionnaire packages. While final nonresponse rates vary, the rates have averaged about 1 percent in recent years.

The 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*. Data reported on this form are no longer considered proprietary. Response to the form continues to be mandatory.

## Form EIA-895, "Monthly and Annual Quantity and Value of Natural Gas Report"

Data collection on the Form EIA-895, "Monthly and Annual Quantity and Value of Natural Gas Report," began in January 1995. This form was designed to replace the Interstate Oil and Gas Compact Commission (IOGCC) voluntary form, "Monthly Report of Natural Gas Production." All gas-producing States and the U.S. Minerals Management Service are requested to report on the Form EIA-895; a voluntary report. In 1996, an annual schedule was added to the voluntary Form EIA-895 to replace a prior annual production form. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the States. Data are not considered proprietary.

Form EIA-895 is mailed to energy or conservation agencies in all 32 natural gas producing States. All producing States participate voluntarily in the EIA-895 survey by filing the completed form or by responding to telephone contacts. Reports on company production are due 20 days after the end of the report month to the States. (In most cases, the data are not available to the States until after this time period.) Therefore, States are requested to send the report within 80 days after the end of the report month. Monthly data are obtained from about half of the reporting States and MMS on this schedule. EIA prepares estimates for the remaining States based on annual data submissions from the States until monthly State data are provided. The annual schedule of the Form EIA-895 is due with the December data report. Of the 32 natural gas producing states, 31 participated in the annual EIA-895 survey by filing the completed form or by responding to telephone calls. Data for the State of Illinois, which did not respond, were estimated.

The Form EIA-895 is a three-page form collecting monthly and annual data on elements of the production of natural gas beginning with gross withdrawals from gas and oil wells. Starting in 2003, the Form EIA-895 also collects information about production of coalbed methane. The commercial recovery of methane from coalbeds contributes a significant amount to the production totals in a number of States. Coalbed methane seams production quantities (in million cubic feet) are included in gross withdrawals totals for the following States: Alabama (115,949), Colorado (474,342), New Mexico (497,260), and Wyoming (327,785) for 2002.

Data are also collected 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. The annual schedule collects data on the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; the value of marketed production; and quantity of marketed production (value based). Respondents are asked to report all volumes in thousand cubic feet at the States standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Data on the quantities of nonhydrocarbon gases removed from marketed production in 2002, including carbon dioxide, helium, hydrogen sulfide and nitrogen, were reported by the appropriate agencies of 9 of the 32 producing States. These 9 States accounted for 36 percent of total 2002 gross withdrawals. The State of Missouri has reported zero gross withdrawals since 1997.

State marketed production data are derived from State data submissions, State and MMS websites reporting natural gas production, and EIA estimates. State marketed production data for a particular month are estimated if data are unavailable at the time of publication. For most States, the data are estimated based on final monthly data reported on the Form EIA-895 for the previous year. Monthly State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the annual EIA-895. These ratios are applied to the months estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Current monthly estimates for gross withdrawals are calculated from final monthly data filed on Form EIA-895 for the previous year, if necessary. The Reserves and Production Division of the Office of Oil and Gas, EIA, provides estimates of marketed production for the States of Texas, Louisiana, and Oklahoma.

Data from Form EIA-895 are also published in the *EIA Natural Gas Annual*.

## Form EIA-191, “Underground Natural Gas Storage Report”

The Form EIA-191, “Monthly Underground Natural Gas Storage Report,” is completed by approximately 122 companies that operate underground facilities. The final monthly and annual response rates are 100 percent. The 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 January 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 EIA publications, *Monthly Energy Review* and *Winter Fuels Report*, contain data from the EIA-191 survey.

## “Quarterly Natural Gas Import and Export Sales and Price Report”

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

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

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

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

A sample of approximately 400 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 87 percent. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company’s submission is eventually received, the submitted data are used for future processing and revisions. Final response rates are approximately 95 percent.

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. (Monthly deliveries of natural gas to electric power generators are reported on the Form EIA-906, “Power Plant Report,” monthly prices for electric utilities are obtained from Form FERC-423, “Monthly Report of Cost and Quality of Fuels for Electric Plants”, and monthly prices for nonutility power producers are from Form EIA-423, “Monthly Cost and Quality of Fuels for Electric Plants Report.”) See Appendix C for a discussion of the sample design and estimation procedures. Data from Form EIA-857 are also used to calculate the city gate 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 (Georgia, Maryland, New York, Ohio and Pennsylvania) that have active customer choice programs. 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 is integrated with residential and commercial price data from the Form EIA-857 for the States of Georgia, Maryland, New York, Ohio, and Pennsylvania. Response to the EIA-910 is mandatory and data are considered proprietary.

Approximately 150 natural gas marketers report to the survey. Final monthly survey response rates are approximately 98 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

The monthly sales (volume and price) and monthly deliveries (volume) 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 (currently Georgia, Maryland, New York and Ohio) are supplemented with data from the Form EIA-910 "Monthly Natural Gas Marketer Survey". (See Appendix B for a description of these Forms.) These estimations must be made from the reported data since the Form EIA-857 is a sample survey. A description of the sample design and the estimation procedures is given below.

### Sample Design

The Form EIA-857 is a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate pipeline companies, and producers, as well as 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-906, "Power Plant Report, and the Form FERC-423, "Monthly Report of Costs and Quality of Fuels for Electric Plants."

**Sample Universe.** The sample currently in use was selected from a universe of 1,556 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 2001 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

**Sampling Plan.** The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability proportional to size was designed.

The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 2001. There were two strata—companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 405 respondent companies.

**Certainty Stratum.** Since estimates were needed for each of the 50 States and the District of Columbia, the strata were established independently within each State. In 16 States and the District of Columbia where sampling was not feasible due to small numbers of companies and/or small volumes of gas deliveries, all companies were selected. The 16 States were: Alaska, Connecticut, Delaware, Hawaii, Idaho, Maine, North Dakota, New Hampshire, New Jersey, Nevada, Oregon, Rhode Island, South Dakota, Utah, Vermont, and Washington.

For each of the remaining States, the total volumes of industrial sales and deliveries and of the combined residential/commercial sales and deliveries were determined. Companies with natural gas deliveries to the industrial sector or to the combined residential/commercial sector above a certain level were selected with certainty. Since a few large companies often account for most of the natural gas delivered within a State, this ensures those companies' inclusion in the sample. The formula for determining certainty was applied independently in the two consumer sectors—the industrial and the combined residential/commercial. These selected companies, together with the companies in the jurisdictions discussed where sampling was not feasible, formed the certainty stratum.

All companies with natural gas deliveries in sector  $j$  greater than the cut-off value ( $C_j$ ) were included in the certainty stratum. The formula for  $C_j$  was:

$$C_j = \frac{X_j}{2n} \quad (1)$$

where:

$C_{.j}$  = cutoff value for consumer sector j,

$n$  = target sample size to be selected for the State, 25 percent of the companies in the State,

$X_{ij}$  = the annual volume of natural gas deliveries by company i to customers in consumer sector j,

$X_{i.}$  = the sum within State of annual gas volumes for company i,

$X_{.j}$  = the sum within State of annual gas volumes in consumer sector j,

$X_{..}$  = the sum within State of annual gas volumes in all consumer sectors.

**Noncertainty Stratum.** All other companies formed the noncertainty stratum. They were systematically sampled with probability proportional to size. The measure of size for each company was the total volume of gas sales to all consumer sectors ( $X_{i.}$ ). The number of companies to be selected from the noncertainty stratum was calculated for each State, with a minimum of 2.

The formula for selecting the number of noncertainty stratum companies was:

$$m = n \frac{X2}{X_{..}} \quad (2)$$

where:

$m$  = the sample size for the noncertainty stratum within a State,

$X2$  = the sum within State of the  $X_{i.}$  for all companies in the noncertainty stratum.

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using.

A uniform random number R was selected between zero and  $\left( I = \frac{X2}{m} \right) I$ . The first sampled company was

the first company on the list to have a cumulative measure of size greater than R. The second company selected was the first company on the list to have a cumulative measure of size greater than R + I. R + I

was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

**Subgroups.** In four States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that  $X2$  was the sum within State of the  $X_{i.}$  for only those companies in the subgroup.

These subgroups were defined only for the purpose of sample selection. They are:

Kansas, Louisiana, Texas: companies delivering gas only to industrial consumers and those delivering to any other sector.

South Carolina: companies delivering more than 3 Bcf to consumers and those below that level.

**Estimation Procedures**

**Estimates of Volumes.** A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector – residential, commercial, and industrial – in each State where companies are sampled. The following annual data are taken from the most recent submissions of Form EIA-176:

The formula for calculating the ratio estimator ( $E_{vj}$ ) for the volume of gas in consumer sector j is:

$$E_{vj} = \frac{\gamma_j}{\gamma'_{.j}} \quad (3)$$

where:

$\gamma_j$  = the sum within State of annual gas volumes in consumer sector j for all companies,

$\gamma'_{.j}$  = the sum within State of annual gas volumes in consumer sector j for those companies in the sample.

The ratio estimator is applied as follows:

$$V_{vj} = y_{.j} \times E_{vj} \quad (4)$$

where:

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

$y_j$  = the sum within State of reported monthly gas volumes in consumer sector  $j$ .

**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 for a State within a sector is calculated as follows:

$$P_j = \frac{R_j}{V_j} \quad (5)$$

where:

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

$R_j$  = the reported revenue from natural gas sales within the State in consumer sector  $j$ ,

$V_j$  = the reported volume of natural gas sales within the State in consumer sector  $j$ .

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

The monthly average prices of natural gas to residential and commercial consumers in Georgia, Maryland, New York, Ohio and Pennsylvania are monthly average prices of natural gas are based on total sales (sales by local distribution companies and natural gas marketers). 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 in Georgia, Maryland, New York, Ohio and Pennsylvania is calculated as follows:

$$P_c = \left[ \left( \frac{R_s}{V_s} \right) * \left( \frac{V_s}{V_s + V_t} \right) \right] + \left[ \left( \frac{Rm_s}{Vm_s} \right) * \left( \frac{V_t}{V_s + V_t} \right) \right] \quad (6)$$

$P_c$  = 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 reported revenue from natural gas sales by local distribution companies within the State in  $s$  (residential or commercial)

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

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

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

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

Table 25 shows the percent of the total State volume that represents volumes from natural gas sales to the commercial and industrial sectors. This table may be helpful in evaluating commercial and industrial price data. All natural gas prices to the residential sector represent onsystem sales volumes only except in Georgia, Maryland, New York, Ohio and Pennsylvania.

See the section on consumer price calculations in this Appendix for further price information.

**Estimation for Nonrespondents.** A volume for each consumer category is imputed for companies that fail to respond. The imputation is based on the previous month's value reported by the non-responding company and the change from the previous month to the current month in volumes reported by other companies in the State. The imputed volumes are included in the State totals. To estimate prices for non-respondents, the unit price (dollars per thousand cubic feet) reported by the company in the previous month is used.

The formula for imputing volumes of gas volumes for nonrespondents was:

$$F_t = F_{t-1} \times \frac{y_{jt}}{y_{jt-1}} \quad (7)$$

where:

$F_t$  = imputed gas volume for current month  $t$ ,

$F_{t-1}$  = gas volume for the company for the previous month,

$y_{jt}$  = gas volume reported by companies in the State stratum for report month  $t$ ,

$y_{jt-1}$  = gas volume in the previous month for companies in the State stratum that reported in month t.

### 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*, 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:

$$V_{jm}^* = V_{jm} + \left[ (V_{ja} - V'_{jm}) \left( \frac{V_{jm}}{V'_{jm}} \right) \right] \quad (8)$$

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:

$$R_{jm}^* = R_{jm} + \left[ (R_{ja} - R'_{jm}) \left( \frac{R_{jm}}{R'_{jm}} \right) \right] \quad (9)$$

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. Standard errors are calculated based on statistical theory that refers to all possible samples of the same size and design.

The standard errors for monthly natural gas volume estimates by State are given in Table C1. Ninety-five percent of the time, the volume that would have been obtained from a complete enumeration will lie in the range between the estimated volume minus two standard errors and the estimated volume plus two standard errors.

The standard error of the natural gas volume estimate is the square root of the variance of the estimate. The formula for calculating the variance of the volume estimate is:

$$V(\hat{\gamma}) = \sum_{h=1}^H N_h^2 \frac{\left(1 - \frac{n_h}{N_h}\right)}{n_h(n_h - 1)} \left( \sum_{i=1}^n (y_i - Tx_j)^2 \right) \quad (10)$$

where:

$H$  = the total number of strata

$N_h$  = the total number of companies in stratum  $h$

$n_h$  = the sample size in stratum  $h$

$y_i$  = the reported monthly volume for company  $i$

$x_i$  = the reported annual volume for company  $i$

$T$  = the ratio of the sum of the reported monthly volumes for sample companies to the sum of the reported annual volumes for the sample companies.

Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, September 2004

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama .....	129	109	2,266	2,273	0.67	NA	NA
Alaska .....	0	0	0	0	—	—	—
Arizona .....	5	45	0	45	0.10	0.10	—
Arkansas .....	1	5	21	22	0.05	0.01	0.37
California .....	143	60	708	725	0.09	0.16	0.24
Colorado .....	138	101	531	558	0.56	0.42	0.41
Connecticut .....	0	0	0	0	—	—	—
Delaware .....	0	0	0	0	—	—	—
District of Columbia .....	0	0	0	0	—	—	—
Florida .....	61	465	261	537	1.20	NA	NA
Georgia .....	253	1,559	2,142	2,662	NA	NA	NA
Hawaii .....	0	0	0	0	—	—	—
Idaho .....	0	0	0	0	—	—	—
Illinois .....	262	411	397	628	0.32	NA	NA
Indiana .....	1,453	827	1,319	2,130	0.20	0.08	0.76
Iowa .....	13	55	1,849	1,850	0.94	0.44	0.24
Kansas .....	20	NA	443	NA	0.05	0.27	1.32
Kentucky .....	82	530	596	802	0.47	1.60	1.21
Louisiana .....	255	81	2,647	2,661	1.33	0.75	0.02
Maine .....	0	0	0	0	—	—	—
Maryland .....	2	18	111	112	0.07	0.28	0.89
Massachusetts .....	33	16	NA	NA	0.96	0.32	NA
Michigan .....	16	15	92	94	0.01	0.02	0.25
Minnesota .....	277	23	208	347	0.40	0.35	0.33
Mississippi .....	169	171	197	311	0.53	0.35	NA
Missouri .....	93	83	175	215	0.70	0.47	NA
Montana .....	0	1	0	1	0.11	0.25	—
Nebraska .....	62	394	NA	NA	NA	NA	NA
Nevada .....	0	0	0	0	—	—	—
New Hampshire .....	0	0	0	0	—	—	—
New Jersey .....	0	0	0	0	—	—	—
New Mexico .....	40	26	273	277	0.21	0.51	0.19
New York .....	120	NA	250	NA	0.22	NA	0.88
North Carolina .....	11	37	202	206	0.13	0.18	0.56
North Dakota .....	0	0	0	0	—	—	—
Ohio .....	76	623	1,281	1,426	NA	NA	NA
Oklahoma .....	12	45	1,953	1,954	0.66	0.56	NA
Oregon .....	0	0	0	0	—	—	—
Pennsylvania .....	40	62	183	197	0.59	0.21	0.30
Rhode Island .....	0	0	0	0	—	—	—
South Carolina .....	20	53	152	163	NA	0.31	0.05
South Dakota .....	0	0	0	0	—	—	—
Tennessee .....	76	168	380	422	0.18	0.95	0.35
Texas .....	1,060	2,394	0	2,618	NA	0.01	—
Utah .....	0	0	0	0	—	—	—
Vermont .....	0	0	0	0	—	—	—
Virginia .....	39	69	613	619	0.76	0.93	0.95
Washington .....	NA	NA	NA	NA	NA	NA	NA
West Virginia .....	28	90	4	95	0.47	0.09	0.04
Wisconsin .....	452	501	584	893	NA	NA	0.69
Wyoming .....	6	48	147	155	0.74	0.64	NA
<b>Total .....</b>	<b>1,964</b>	<b>3,341</b>	<b>5,551</b>	<b>6,770</b>	<b>0.18</b>	<b>0.42</b>	<b>0.22</b>

NA Not Available.  
— Not Applicable.

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

# Glossary

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

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

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

**City-gate:** A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

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

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

**Dry Natural Gas Production:** Marketed production less extraction loss.

**Electric Power Sector:** An energy-consuming sector that consists of electricity-only and combined heat and

power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public – i.e., North American Industry Classification System 22 plants. Combined heat and power plants that identify themselves as primarily in the commercial or industrial sectors are reported in those sectors.

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

**Electric Utility:** A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included. Note: Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundle their generation, transmission, and distribution operations, “electric utility” currently has inconsistent interpretations from State to State.

**Exports:** Natural gas deliveries out of the continental United States and Alaska to foreign countries.

**Extraction Loss:** The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

**Flared:** The volume of gas burned in flares on the base site or at gas processing plants.

**Gas Condensate Well:** A gas well that produces from a gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range generally described as “condensate.”

**Gas Well:** A well completed for the production of natural gas from one or more gas zones or reservoirs.

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

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

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

**Industrial Consumption:** Natural gas used for heat, power, or chemical feedstock by manufacturing establishments or those engaged in mining or other mineral extraction as well as consumers in agriculture, forestry, fisheries and construction. .

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

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

**Lease and Plant Fuel:** Natural gas used in well, field, lease operations and as fuel in natural gas processing plants.

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

**Marketed Production:** Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations. See Explanatory Note 1 for discussion of coverage of data concerning nonhydrocarbon gases removed.

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

**Natural Gas:** A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or solution with oil in natural underground reservoirs at reservoir conditions.

**Nonhydrocarbon Gases:** Typical nonhydrocarbon gases that may be present in reservoir natural gas are

carbon dioxide, helium, hydrogen sulfide, and nitrogen.

**Oil Well (Casinghead) Gas:** Associated and dissolved gas produced along with crude oil from oil completions.

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

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

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

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

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

**Storage Additions:** The volume of gas injected or otherwise added to underground natural gas or liquefied natural gas storage during the applicable reporting period.

**Storage Withdrawals:** Total volume of gas withdrawn from underground storage or liquefied natural gas storage during the applicable reporting period.

**Supplemental Gaseous Fuels Supplies:** Synthetic natural gas, propane-air, refinery gas, biomass gas, air injected for stabilization of heating content, and manufactured gas commingled and distributed with natural gas.

**Synthetic Natural Gas (SNG):** A manufactured product chemically similar in most respects to natural gas, that results from the conversion or reforming of petroleum hydrocarbons and may easily be substituted for or interchanged with pipeline quality natural gas.

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

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

**Vented Gas:** Gas released into the air on the base site or at processing plants.

**Wellhead Price:** Represents the wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and

compression charges, and State production, severance, and/or similar charges.

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