

Natural Gas Monthly

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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.

Product	Format	Contents
<u>Publications</u>		
<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
<u>Databases</u>		
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
<u>Applications</u>		
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 estimates of natural gas data through May 2004 for many data series at the national level. National-level natural gas prices are also available through May 2004. State-level data are generally available through May 2004, although underground storage data are available through June 2004.

Recent analyses of the natural gas industry are available on the EIA web site, 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 ^a	Vented and Flared	Marketed Production (Wet)	Extraction Loss ^b	Dry Gas Production ^c
1999 Total	23,823	3,293	615	110	19,805	973	18,832
2000 Total	24,174	3,380	505	91	20,198	1,016	19,182
2001 Total	24,501	3,371	463	97	20,570	954	19,616
2002							
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
Total	23,977	3,455	502	99	19,921	957	18,964
2003							
January	^E 2,095	^E 333	^E 33	^E 9	^E 1,721	^E 83	^E 1,638
February	^E 1,905	^E 310	^E 30	^E 8	^E 1,558	^E 75	^E 1,483
March	^E 2,115	^E 331	^E 32	^E 9	^E 1,743	^E 84	^E 1,660
April	^E 1,999	^E 307	^E 30	^E 8	^E 1,654	^E 79	^E 1,574
May	^E 2,042	^E 302	^E 30	^E 9	^E 1,701	^E 82	^E 1,620
June	^E 1,973	^E 297	^E 31	^E 7	^E 1,637	^E 79	^E 1,558
July	^E 2,014	^E 287	^E 32	^E 8	^E 1,687	^E 81	^E 1,606
August	^E 2,027	^E 302	^E 33	^E 8	^E 1,684	^E 81	^E 1,604
September	^E 1,981	^E 294	^E 32	^E 8	^E 1,647	^E 79	^E 1,568
October	^E 2,044	^E 316	^E 34	^E 8	^E 1,686	^E 81	^E 1,605
November	^E 1,977	^E 314	^E 33	^E 7	^E 1,622	^E 78	^E 1,544
December	^E 2,072	^E 341	^E 34	^E 8	^E 1,690	^E 81	^E 1,609
Total	^E24,243	^E3,735	^E384	^E95	^E20,030	^E962	^E19,068
2004							
January	^{RE} 2,095	^E 344	^E 34	^E 8	^{RE} 1,709	^E 82	^{RE} 1,627
February	^{RE} 1,950	^E 323	^{RE} 32	^E 7	^{RE} 1,588	^E 76	^{RE} 1,512
March	^{RE} 2,090	^E 349	^E 34	^E 8	^{RE} 1,699	^{RE} 82	^{RE} 1,617
April	^{RE} 1,988	^{RE} 325	^E 33	^E 8	^{RE} 1,623	^{RE} 78	^{RE} 1,545
May	^E 2,070	^E 342	^E 34	^E 8	^E 1,686	^E 81	^E 1,605
2004 YTD	^E10,193	^E1,684	^E166	^E38	^E8,305	^E399	^E7,906
2003 YTD	^E10,156	^E1,583	^E154	^E42	^E8,377	^E402	^E7,975
2002 YTD	10,009	1,451	213	40	8,305	399	7,906

^a See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

^b 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.

^c Equal to marketed production (wet) minus extraction loss.

^E Estimated Data.

^{RE} 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 ^a	Net Imports	Net Storage Withdrawals ^b	Balancing Item ^c	Consumption ^d
1999 Total	18,832	98	3,422	172	-119	22,405
2000 Total	19,182	90	3,538	829	-305	23,333
2001 Total	19,616	86	3,604	-1,166	99	22,239
2002						
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
Total	18,964	68	3,499	468	19	23,018
2003						
January	^E 1,638	^E 6	^R 305	841	^R -111	2,679
February	^E 1,483	^E 6	^R 255	676	^R 66	2,486
March	^E 1,660	^E 5	^R 275	136	^R 103	2,178
April	^E 1,574	^E 4	^R 266	-158	^R 27	1,713
May	^E 1,620	^E 6	^R 277	-412	^R 5	1,495
June	^E 1,558	^E 5	^R 256	-470	^R -14	1,335
July	^E 1,606	^E 6	^R 296	-361	^R 27	^R 1,573
August	^E 1,604	^E 6	^R 286	-309	^R 23	1,609
September	^E 1,568	^E 5	^R 271	-411	^R -52	1,381
October	^E 1,605	^E 5	^R 275	-284	^R -75	1,527
November	^E 1,544	^E 6	^R 251	86	^R -161	1,727
December	^E 1,609	^E 6	^R 291	473	^R -131	2,248
Total	^E19,068	^E65	^R3,305	-193	^R-292	^R21,952
2004						
January	^{RE} 1,627	^E 6	317	811	^R -109	2,652
February	^{RE} 1,512	^E 6	289	600	^R 74	^R 2,480
March	^{RE} 1,617	^E 5	271	103	^R 76	^R 2,073
April	^{RE} 1,545	^E 5	^{RE} 257	-198	^R 102	^R 1,711
May	^E 1,605	^E 6	^E 276	-379	26	1,533
2004 YTD	^E7,906	^E27	^E1,410	937	168	10,448
2003 YTD	^E7,975	^E26	1,379	1,082	90	10,552
2002 YTD	7,906	28	1,435	899	217	10,484

^a 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.

^b 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.

^c 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.

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

^R Revised Data.

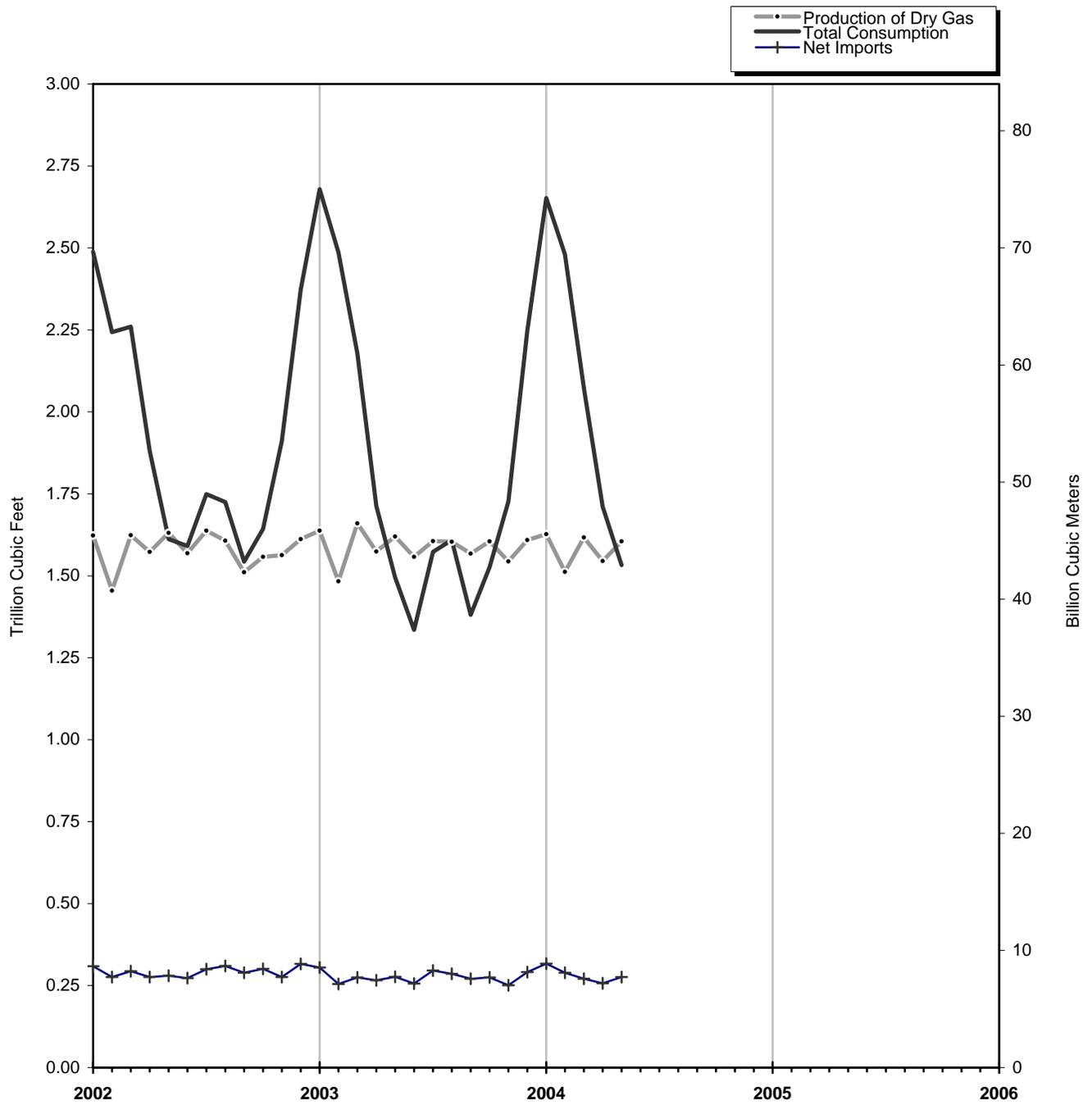
^E Estimated Data.

^{RE} 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 ^a	Pipeline and Distribution Use ^b	Delivered to Consumers					Total Consumption	
			Residential	Commercial	Industrial	Electric Power	Vehicle Fuel		Total
1999 Total	1,079	645	4,726	3,045	8,079	4,820	12	20,681	22,405
2000 Total	1,151	642	4,996	3,182	8,142	5,206	13	21,540	23,333
2001 Total	1,119	625	4,771	3,023	7,344	5,342	15	20,495	22,239
2002									
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
Total	1,114	667	4,890	3,103	7,557	5,672	15	21,236	23,018
2003									
January	^E 96	78	953	511	^R 674	367	1	^R 2,506	2,679
February	^E 87	72	890	476	631	329	1	2,327	2,486
March	^E 98	63	679	^R 381	603	353	1	2,018	2,178
April	^E 93	50	417	^R 256	^R 563	333	1	1,571	1,713
May	^E 95	43	250	177	547	381	1	1,356	1,495
June	^E 92	39	158	135	500	411	1	1,205	1,335
July	^E 94	46	127	130	^R 566	609	1	1,433	^R 1,573
August	^E 94	47	116	127	569	654	1	1,468	1,609
September	^E 92	40	128	133	552	434	1	1,249	1,381
October	^E 94	44	230	177	588	391	1	1,389	1,527
November	^E 91	50	414	249	584	338	1	1,586	1,727
December	^E 95	65	742	386	630	329	1	2,089	2,248
Total	^E 1,121	636	5,105	^R 3,139	^R 7,007	4,929	15	^R 20,195	^R 21,952
2004									
January	^{RE} 96	77	971	488	678	342	1	^R 2,479	2,652
February	^{RE} 89	72	^R 860	460	642	356	1	^R 2,319	^R 2,480
March	^{RE} 95	60	594	^R 344	^R 623	355	1	^R 1,918	^R 2,073
April	^{RE} 91	^R 50	381	242	^R 577	^R 369	1	^R 1,570	^R 1,711
May	^E 94	44	214	165	558	456	1	1,395	1,533
2004 YTD^d	^E 465	303	3,019	1,699	3,078	1,878	7	9,681	10,448
2003 YTD^d	^E 469	306	3,189	1,801	3,018	1,763	6	9,777	10,552
2002 YTD^d	465	305	2,861	1,650	3,250	1,947	6	9,713	10,484

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

^b 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.

^d Year-to-date volume represents months for which volume information is available in the current year.

^R Revised Data.

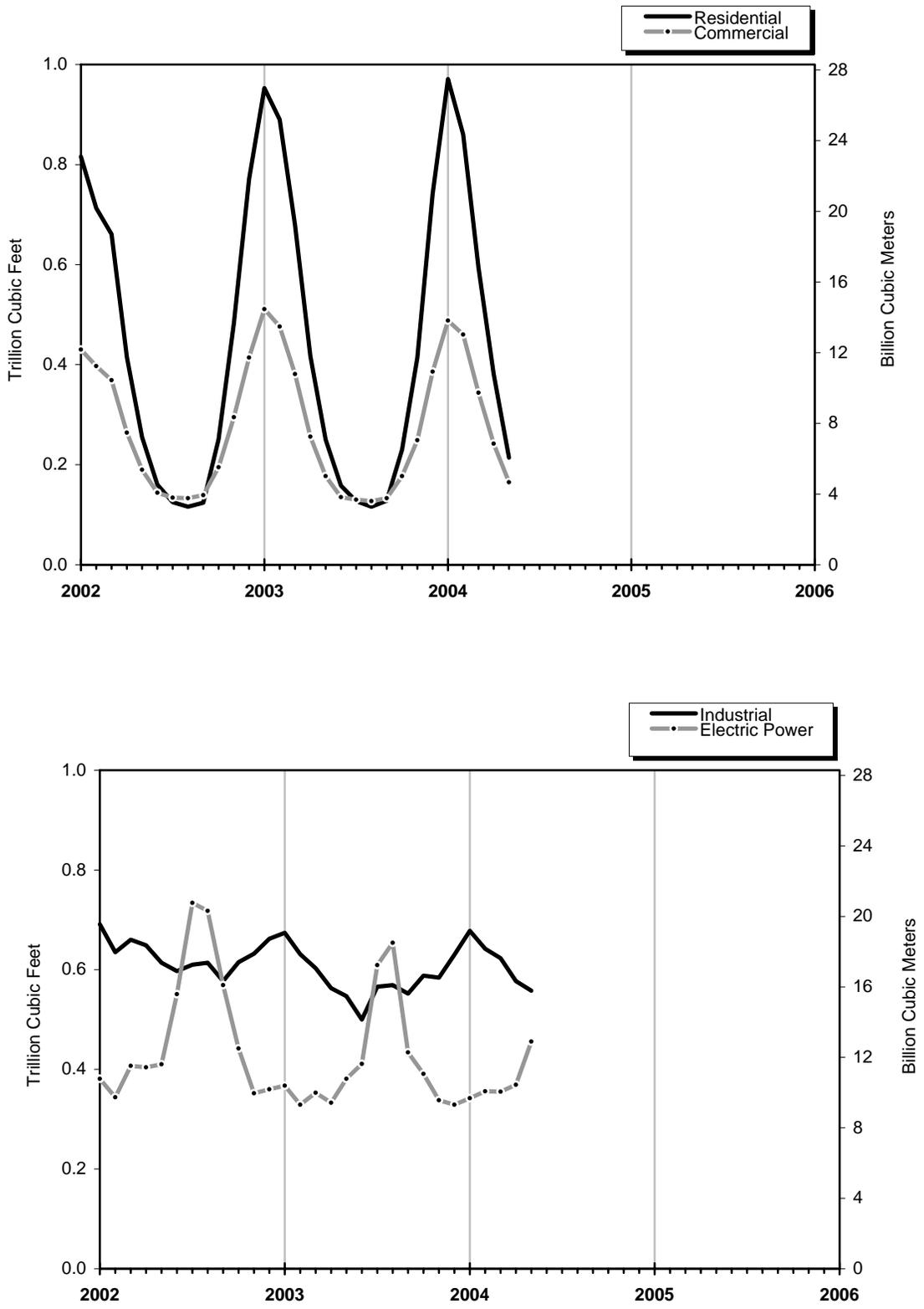
^E Estimated Data.

^{RE} 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-759, "Monthly Power Plant Report," 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 ^a	City Gate Price	Consumer Prices					Electric Power Price ^c
			Residential Price	Commercial		Industrial		
				Price	% of Total ^b	Price	% of Total ^b	
1999 Annual Average	2.19	3.10	6.69	5.33	66.1	3.12	18.8	2.62
2000 Annual Average	3.68	4.62	7.76	6.59	63.9	4.45	19.8	4.38
2001 Annual Average	4.00	5.72	9.63	8.43	66.0	5.24	20.8	4.61
2002								
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
Annual Average	2.95	4.12	7.91	6.64	78.4	4.02	22.5	3.68
2003								
January	^E 4.47	5.31	8.07	7.34	79.1	5.54	^R 21.1	5.28
February	^E 5.45	5.86	8.44	7.83	79.6	6.27	^R 21.9	6.44
March	^E 6.69	7.60	9.61	8.96	^R 80.2	8.01	21.4	7.16
April	^E 4.71	5.61	10.05	8.76	^R 76.9	5.89	21.2	5.36
May	^E 4.97	5.67	10.63	8.73	73.7	5.61	20.5	5.69
June	^E 5.35	6.40	11.91	8.88	72.6	6.37	20.0	5.97
July	^E 4.91	5.82	12.53	8.68	71.5	5.63	25.7	5.47
August	^E 4.72	5.50	12.74	8.35	73.6	5.22	23.7	5.20
September	^E 4.58	5.58	12.18	8.34	72.7	5.30	23.1	5.12
October	^E 4.43	^R 5.30	10.54	8.17	73.1	4.80	23.3	5.09
November	^E 4.34	^R 5.55	9.67	8.24	^R 77.3	5.15	22.3	4.78
December	^E 5.08	5.90	9.40	8.44	80.0	5.78	23.3	5.45
Annual Average	^E4.98	5.86	9.51	8.26	77.4	5.78	22.3	5.55
2004								
January	^E 5.53	6.40	^R 9.70	8.85	80.5	^R 6.64	^R 22.1	6.38
February	^E 5.15	6.34	^R 9.85	^R 8.90	^R 80.7	^R 6.39	23.0	5.75
March	^E 4.97	6.22	^R 9.97	^R 8.80	^R 78.3	^R 5.86	22.2	^R 5.47
April	^E 5.20	6.33	^R 10.54	8.88	76.3	5.93	22.9	5.76
May	^E 5.63	6.56	11.60	9.04	73.2	6.27	22.7	NA
2004 YTD^d	^E5.30	6.36	10.03	8.87	78.8	6.23	22.6	5.81
2003 YTD^d	^E5.26	5.99	8.97	8.15	78.7	6.27	21.3	5.97
2002 YTD^d	2.59	3.89	7.43	6.47	80.0	3.84	22.1	3.40

^a See Appendix A, Explanatory Note 10, for discussion of wellhead prices.

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

^c 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.

^d 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.

^R Revised Data.

^E 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," and EIA estimates.

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

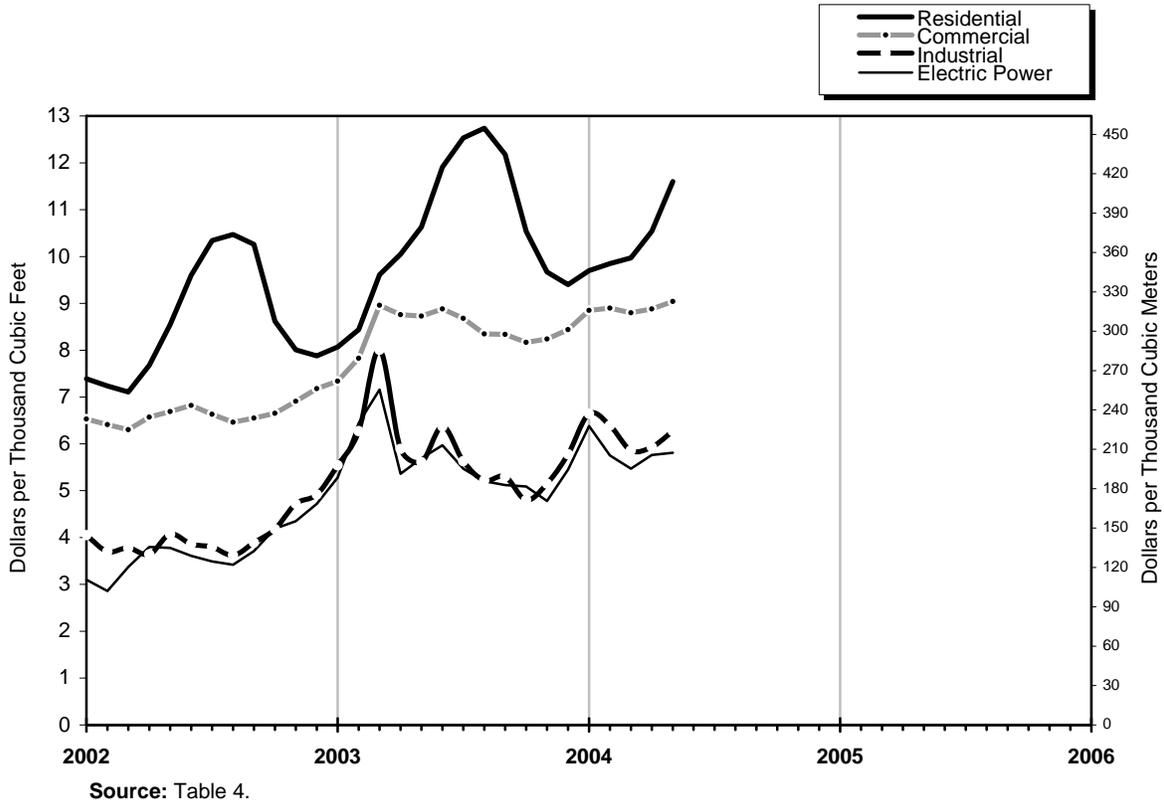


Figure 4. Average Price of Natural Gas in the United States, 2002-2004

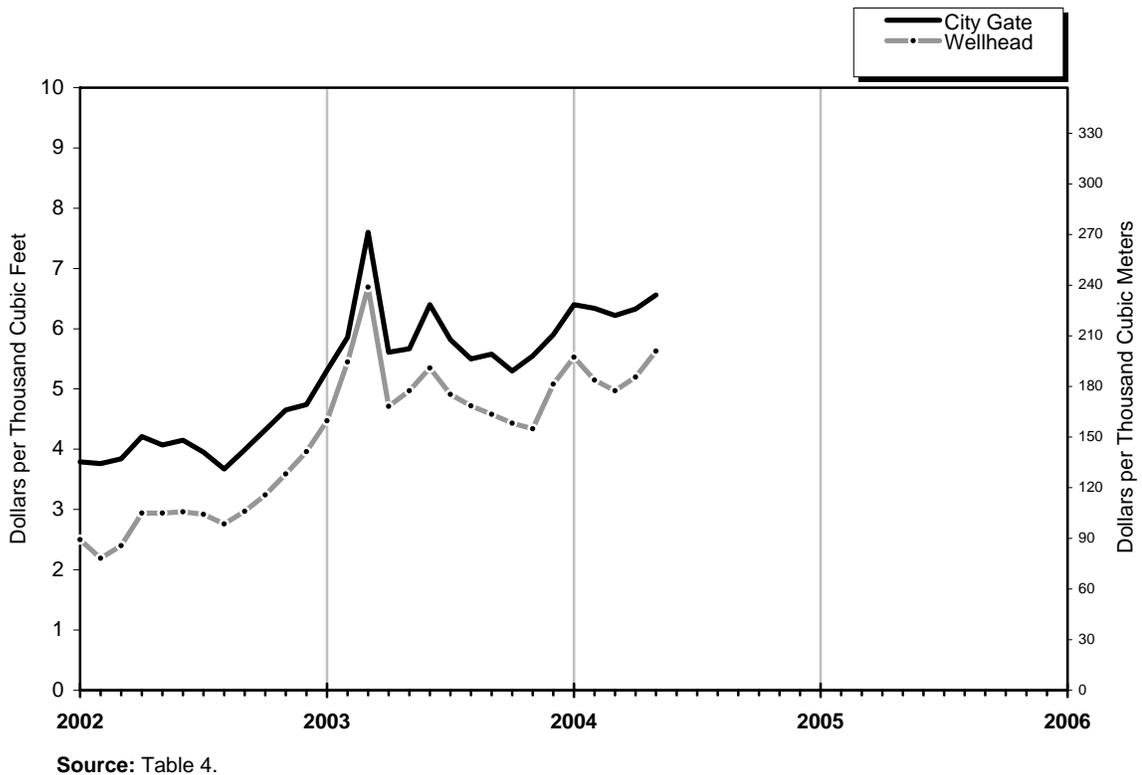


Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

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

	YTD 2004	YTD 2003	YTD 2002	2004		
				June	May	April
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	€1,711,287	1,761,929	1,835,866	€259,513	€274,462	269,527
Mexico	0	0	1,755	0	0	0
Total Pipeline Imports	€1,711,287	1,761,929	1,837,620	€259,513	€274,462	269,527
LNG						
Algeria	€53,308	20,650	16,647	€15,559	€5,367	€7,998
Australia	€5,863	0	0	€2,918	€2,945	€0
Brunei	0	0	2,401	0	€0	€0
Indonesia	0	0	0	0	€0	€0
Malaysia	€2,667	0	2,423	0	€2,667	€0
Nigeria	€2,983	25,128	0	€2,983	€0	€0
Oman	€6,244	0	0	0	€3,203	€0
Qatar	€5,924	1,871	24,545	0	€2,999	€2,925
Trinidad/Tobago	€232,387	153,882	50,880	€35,873	€37,318	€37,040
United Arab Emirates	0	0	0	0	€0	€0
Other ^b	€3,323	0	0	€1,500	€0	€0
Total LNG Imports	€312,700	201,531	96,896	€58,832	€54,500	€47,963
Total Imports	€2,023,987	1,963,460	1,934,516	€318,345	€328,962	€317,491
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	NA	5.68	2.86	NA	NA	NA
Mexico	-	-	2.36	-	-	-
Total Pipeline Imports	NA	5.68	2.86	NA	NA	NA
LNG						
Algeria	NA	5.80	3.50	NA	NA	NA
Australia	NA	-	-	NA	NA	-
Brunei	-	-	3.25	-	-	-
Indonesia	-	-	-	-	-	-
Malaysia	NA	-	3.43	-	NA	-
Nigeria	NA	4.72	-	NA	-	-
Oman	NA	-	-	-	NA	-
Qatar	NA	5.94	3.35	-	NA	NA
Trinidad/Tobago	NA	4.97	3.07	NA	NA	NA
United Arab Emirates	-	-	-	-	-	-
Other	NA	-	-	NA	-	-
Total LNG Imports	NA	5.03	3.23	NA	NA	NA
Total Imports	NA	5.62	2.88	NA	NA	NA
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	€141,255	150,545	88,139	€18,071	€18,743	€20,887
Mexico	€179,944	149,756	108,414	€32,281	€32,281	€32,281
Total Pipeline Exports	€321,199	300,302	196,553	€50,352	€51,024	€53,168
LNG						
Japan	28,247	28,335	29,846	3,767	1,883	6,831
Mexico	NA	203	208	NA	NA	NA
Total LNG Exports	28,365	28,538	30,054	3,767	1,883	6,831
Total Exports	€349,564	328,839	226,607	€54,119	€52,907	€59,999
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	NA	6.92	2.84	NA	NA	NA
Mexico	NA	5.86	3.01	NA	NA	NA
Total Pipeline Exports	NA	6.39	2.93	NA	NA	NA
LNG						
Japan	NA	4.46	3.87	NA	NA	NA
Mexico	NA	5.82	5.82	NA	NA	NA
Total LNG Exports	NA	4.47	3.89	NA	NA	NA
Total Exports	NA	6.22	3.06	NA	NA	NA
Net Imports - Volume	€1,674,423	1,634,621	1,707,909	€264,226	€276,055	€257,491

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			2003		
	March	February	January	Total	December	November
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	292,362	296,691	318,730	R ³ 4,489,928	R ³ 27,080	R ³ 275,179
Mexico	0	0	0	0	0	0
Total Pipeline Imports	292,362	296,691	318,730	R³4,489,928	R³27,080	R³275,179
LNG						
Algeria	10,909	8,075	5,400	53,423	2,659	2,784
Australia	0	0	0	0	0	0
Brunei	0	0	0	0	0	0
Indonesia	0	0	0	0	0	0
Malaysia	0	0	0	2,704	0	0
Nigeria	0	0	0	50,067	0	0
Oman	0	0	3,041	8,632	0	3,664
Qatar	0	0	0	13,623	0	0
Trinidad/Tobago	38,124	40,884	43,148	378,069	37,414	40,295
United Arab Emirates	0	0	0	0	0	0
Other ^b	0	0	1,823	0	0	0
Total LNG Imports	49,033	48,959	53,413	506,519	40,072	46,743
Total Imports	341,395	345,651	372,143	R³9,996,447	R³67,153	R³321,922
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	5.13	5.66	6.02	R ⁵ 5.23	R ⁵ 5.12	R ⁴ 4.54
Mexico	-	-	-	-	-	-
Total Pipeline Imports	5.13	5.66	6.02	R⁵5.23	R⁵5.12	R⁴4.54
LNG						
Algeria	5.96	6.16	5.89	R ⁵ 5.32	R ⁴ 4.79	R ⁴ 4.24
Australia	-	-	-	-	-	-
Brunei	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-
Malaysia	-	-	-	4.97	-	-
Nigeria	-	-	-	4.66	-	-
Oman	-	-	5.60	R ³ 3.76	-	R ⁴ 4.08
Qatar	-	-	-	4.99	-	-
Trinidad/Tobago	5.02	5.70	5.74	R ⁴ 4.74	R ⁴ 4.78	R ⁴ 4.38
United Arab Emirates	-	-	-	-	-	-
Other	-	-	4.46	-	-	-
Total LNG Imports	5.23	5.78	5.70	R⁴4.79	R⁴4.78	R⁴4.34
Total Imports	5.14	5.68	5.97	R⁵5.17	R⁵5.08	R⁴4.51
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	36,128	26,262	21,164	294,285	37,899	32,282
Mexico	28,446	25,599	29,057	332,829	32,281	32,934
Total Pipeline Exports	64,574	51,861	50,221	627,115	70,180	65,216
LNG						
Japan	5,564	5,130	5,071	64,389	5,663	5,659
Mexico	33	41	45	376	38	37
Total LNG Exports	5,597	5,171	5,116	64,765	5,701	5,696
Total Exports	70,171	57,032	55,337	691,880	75,882	70,912
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	5.54	6.08	6.40	6.05	5.26	4.92
Mexico	5.19	5.37	5.86	5.36	5.56	4.47
Total Pipeline Exports	5.39	5.73	6.09	5.68	R⁵5.39	4.69
LNG						
Japan	4.59	4.52	4.41	4.47	4.50	4.44
Mexico	5.82	5.82	5.82	5.82	5.82	5.82
Total LNG Exports	4.60	4.53	4.42	4.48	4.51	4.45
Total Exports	5.32	5.62	5.93	5.57	5.33	4.67
Net Imports - Volume	271,225	288,619	316,806	R³3,304,567	R²91,271	R²51,010

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					
	October	September	August	July	June	May
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	278,661	271,746	287,651	287,683	261,917	281,847
Mexico	0	0	0	0	0	0
Total Pipeline Imports	278,661	271,746	287,651	287,683	261,917	281,847
LNG						
Algeria	10,910	8,191	2,768	5,462	2,788	4,190
Australia	0	0	0	0	0	0
Brunei	0	0	0	0	0	0
Indonesia	0	0	0	0	0	0
Malaysia	0	0	0	2,704	0	0
Nigeria	5,787	8,250	8,132	2,770	11,237	11,288
Oman	0	2,322	2,646	0	0	0
Qatar	2,999	5,760	0	2,993	0	0
Trinidad/Tobago	37,828	29,312	35,466	43,874	33,889	30,336
United Arab Emirates	0	0	0	0	0	0
Other ^b	0	0	0	0	0	0
Total LNG Imports	57,523	53,835	49,012	57,803	47,914	45,814
Total Imports	336,183	325,581	336,663	345,486	309,831	327,661
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	4.52	4.69	4.56	5.08	5.62	5.07
Mexico	-	-	-	-	-	-
Total Pipeline Imports	4.52	4.69	4.56	5.08	5.62	5.07
LNG						
Algeria	4.69	4.99	4.47	6.47	5.36	4.60
Australia	-	-	-	-	-	-
Brunei	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-
Malaysia	-	-	-	4.97	-	-
Nigeria	4.47	4.56	4.50	5.26	4.63	4.74
Oman	-	3.52	3.52	-	-	-
Qatar	3.54	4.79	-	6.22	-	-
Trinidad/Tobago	4.24	4.55	4.44	5.07	5.13	4.84
United Arab Emirates	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total LNG Imports	4.31	4.60	4.40	5.27	5.02	4.79
Total Imports	4.48	4.67	4.54	5.11	5.53	5.03
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	20,252	21,249	16,213	15,845	20,164	17,646
Mexico	32,953	27,760	29,764	27,381	30,124	28,919
Total Pipeline Exports	53,205	49,009	45,977	43,226	50,288	46,565
LNG						
Japan	7,566	5,475	5,145	6,546	3,498	3,798
Mexico	32	28	21	18	19	27
Total LNG Exports	7,598	5,503	5,166	6,564	3,518	3,825
Total Exports	60,804	54,512	51,142	49,790	53,805	50,390
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	4.81	5.31	4.95	5.64	6.17	5.54
Mexico	4.58	4.89	4.96	5.29	5.95	5.60
Total Pipeline Exports	4.67	5.08	4.96	5.42	6.04	5.58
LNG						
Japan	4.39	4.39	4.42	4.67	4.75	4.61
Mexico	5.82	5.82	5.82	5.82	5.82	5.82
Total LNG Exports	4.40	4.40	4.43	4.67	4.76	4.62
Total Exports	4.63	5.01	4.90	5.32	5.95	5.50
Net Imports - Volume	275,380	271,069	285,521	295,696	256,026	277,270

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				2002	
	April	March	February	January	Total	December
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	R284,557	R298,482	R293,163	R341,962	3,784,978	350,581
Mexico	0	0	0	0	1,755	0
Total Pipeline Imports	R284,557	R298,482	R293,163	R341,962	3,786,733	350,581
LNG						
Algeria	10,893	2,778	0	0	26,584	2,636
Australia	0	0	0	0	0	0
Brunei	0	0	0	0	2,401	0
Indonesia	0	0	0	0	0	0
Malaysia	0	0	0	0	2,423	0
Nigeria	2,604	0	0	0	8,123	0
Oman	0	0	0	0	3,013	0
Qatar	0	1,871	0	0	35,081	0
Trinidad/Tobago	19,184	26,353	21,007	23,113	151,104	17,512
United Arab Emirates	0	0	0	0	0	0
Other ^b	0	0	0	0	0	0
Total LNG Imports	32,682	31,002	21,007	23,113	228,730	20,147
Total Imports	R317,239	R329,484	R314,170	R365,075	4,015,463	370,729
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	R4.95	R7.84	R5.77	R4.90	3.13	4.19
Mexico	-	-	-	-	2.36	-
Total Pipeline Imports	R4.95	R7.84	R5.77	R4.90	3.13	4.19
LNG						
Algeria	R5.93	R7.54	-	-	3.61	4.20
Australia	-	-	-	-	-	-
Brunei	-	-	-	-	3.25	-
Indonesia	-	-	-	-	-	-
Malaysia	-	-	-	-	3.43	-
Nigeria	5.02	-	-	-	3.21	-
Oman	-	-	-	-	3.34	-
Qatar	-	5.94	-	-	3.39	-
Trinidad/Tobago	R5.16	R5.14	R4.83	R4.69	3.40	4.37
United Arab Emirates	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total LNG Imports	R5.40	R5.41	R4.83	R4.69	3.41	4.35
Total Imports	R5.00	R7.61	R5.71	R4.89	3.15	4.20
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	25,684	31,742	27,892	27,417	189,313	26,005
Mexico	20,217	17,298	25,177	28,021	263,078	23,113
Total Pipeline Exports	45,900	49,040	53,070	55,439	452,391	49,118
LNG						
Japan	5,605	5,565	5,569	4,301	63,439	5,660
Mexico	33	40	40	44	403	43
Total LNG Exports	5,637	5,604	5,609	4,345	63,842	5,703
Total Exports	51,537	54,644	58,678	59,784	516,233	54,821
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	5.51	9.29	7.44	6.40	3.35	4.33
Mexico	5.15	8.46	5.78	5.03	3.30	4.26
Total Pipeline Exports	5.35	R8.99	6.65	5.71	3.32	4.30
LNG						
Japan	4.43	4.29	4.43	4.42	4.07	4.33
Mexico	5.82	5.82	5.82	5.82	5.82	5.82
Total LNG Exports	4.44	4.30	4.44	4.43	4.08	4.34
Total Exports	5.25	R8.51	6.44	R5.61	3.41	4.30
Net Imports - Volume	R265,701	R274,840	R255,492	R305,292	3,499,230	315,908

^a 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.

^b The point of origin for volumes of imported LNG was unassigned in the reports to the Office of Fossil Energy.

^R Revised Data.

^E Estimated Data.

^{RE} Revised Estimated Data.

^{NA} 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
Imports					
Volume (million cubic feet)					
Pipeline					
Canada	3,367,545	3,543,966	^a 3,728,537	3,784,978	^R 3,489,928
Mexico	54,530	11,601	10,276	1,755	0
Total Pipeline Imports	3,422,075	3,555,567	3,738,814	3,786,733	^R3,489,928
LNG					
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
Total LNG Imports	163,430	226,036	238,126	228,730	506,519
Total Imports	3,585,505	3,781,603	3,976,939	4,015,463	^R3,996,447
Average Price (dollars per thousand cubic feet)					
Pipeline					
Canada	2.23	3.97	4.43	3.13	^R 5.23
Mexico	2.14	5.43	5.00	2.36	-
Total Pipeline Imports	2.23	3.98	4.44	3.13	^R5.23
LNG					
Algeria	2.41	3.48	3.73	3.61	^R 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	^R 3.76
Qatar	2.71	3.44	4.37	3.39	4.99
Trinidad/Tobago	2.39	3.43	4.14	3.40	^R 4.74
United Arab Emirates	3.03	3.53	-	-	-
Total LNG Imports	2.47	3.50	4.35	3.41	^R4.79
Total Imports	2.24	3.95	4.43	3.15	^R5.17
Exports					
Volume (million cubic feet)					
Pipeline					
Canada	38,508	72,586	166,690	189,313	294,285
Mexico	61,025	105,102	140,370	262,078	332,829
Total Pipeline Exports	99,533	177,688	307,060	452,391	627,115
LNG					
Japan	63,607	65,610	65,753	63,439	64,389
Mexico	275	418	465	403	376
Total LNG Exports	63,882	66,028	66,218	63,842	64,765
Total Exports	163,415	243,716	373,278	516,233	691,880
Average Price dollars per thousand cubic feet)					
Pipeline					
Canada	2.35	3.66	3.97	3.35	6.05
Mexico	2.27	4.26	4.34	3.30	5.36
Total Pipeline Exports	2.30	4.01	4.14	3.32	5.68
LNG					
Japan	3.08	4.31	4.39	4.07	4.47
Mexico	6.95	5.82	5.82	5.82	5.82
Total LNG Exports	3.10	4.31	4.40	4.08	4.48
Total Exports	2.61	4.10	4.19	3.41	5.57
Net Imports - Volume	3,422,090	3,537,887	3,603,661	3,499,230	^R3,304,567

^a 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.

^R Revised Data.

— 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
1999 Total	381,701	462,967	474	382,715	722,738	5,933	553,419
2000 Total	363,467	458,995	368	376,580	752,985	6,491	525,729
2001 Total	356,810	471,440	307	377,824	817,206	5,710	480,145
2002							
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
Total	356,061	463,301	301	360,205	841,521	3,353	454,901
2003							
January	30,763	42,229	22	29,894	83,130	236	36,158
February	28,063	38,442	21	27,119	75,511	[£] 200	32,308
March	31,401	52,604	21	29,442	82,932	[£] 234	35,429
April	29,782	39,481	21	[£] 28,574	78,817	[£] 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	[£] 266	33,706
December	28,387	42,616	22	27,491	77,478	288	34,262
Total	354,096	476,236	262	[£] 339,773	955,727	[£] 3,000	419,913
2004							
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	[£] 26,626	40,151	21	26,477	84,155	278	32,888
2004 YTD	[£] 107,819	166,549	162	106,704	335,699	1,025	131,972
2003 YTD	120,010	172,756	85	[£] 115,029	320,390	[£] 880	138,429
2002 YTD	114,970	161,769	99	113,571	288,229	1,199	153,037

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
1999 Total	1,566,916	277,364	111,021	61,163	1,511,671	52,862	1,594,002
2000 Total	1,455,014	296,556	88,558	69,936	1,695,295	52,426	1,612,890
2001 Total	1,502,086	275,036	107,541	81,397	1,689,125	54,732	1,615,384
2002							
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
Total	1,361,751	274,476	112,980	86,075	1,632,080	57,048	1,551,272
2003							
January	^E 113,923	30,488	10,990	6,902	129,805	4,607	^E 141,591
February	^E 106,400	15,229	9,530	6,546	118,977	4,132	^E 128,156
March	^E 118,513	22,663	10,566	7,116	133,383	4,557	^E 140,777
April	^E 116,731	15,026	10,924	6,817	126,853	4,311	^E 134,043
May	^E 119,816	22,584	11,317	6,767	130,740	4,470	^E 140,654
June	^E 111,791	17,416	11,065	6,788	124,507	4,595	^E 136,475
July	^E 115,349	21,166	11,099	6,971	130,915	4,714	^E 143,336
August	^E 118,792	18,469	11,643	6,597	128,559	4,739	^E 143,367
September	^E 112,109	28,238	11,746	6,987	129,390	4,781	^E 137,758
October	^E 112,441	19,122	12,271	7,362	132,421	4,804	^E 142,165
November	^E 111,678	9,571	11,435	^E 7,317	128,554	4,868	^E 137,698
December	^E 114,684	18,542	13,458	^E 8,171	131,138	4,983	^E 142,843
Total	^E 1,372,227	238,513	136,043	^E 84,344	1,545,243	55,561	^E 1,668,863
2004							
January	^E 114,433	24,888	12,308	7,844	131,268	5,072	^E 144,322
February	^E 106,498	10,202	12,149	^R 7,245	121,355	5,238	^E 135,444
March	^E 113,718	27,599	12,799	^R ^E 7,919	117,863	^R 4,890	^E 145,710
April	^E 114,571	21,616	12,593	^E 7,457	^E 112,734	4,542	^E 141,517
2004 YTD	^E 449,220	84,305	49,849	^E 30,465	^E 483,220	19,742	^E 566,993
2003 YTD	^E 455,567	83,405	42,010	27,382	509,019	17,606	^E 544,567
2002 YTD	458,265	96,416	36,088	28,458	544,830	18,375	515,409

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 ^a States	Federal Gulf of Mexico	U.S. Total
1999 Total	1,291	5,054,486	262,614	971,230	800,579	5,029,704	19,804,848
2000 Total	1,214	5,282,104	269,285	1,088,328	866,902	4,934,387	20,197,511
2001 Total	1,110	5,282,723	283,913	1,363,879	776,303	5,027,623	20,570,295
2002							
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
Total	837	5,141,075	274,739	1,453,957	821,503	4,673,355	19,920,790
2003							
January	70	^E 447,039	23,759	132,547	^E 71,375	^E 385,124	^E 1,720,652
February	64	^E 405,902	21,511	118,544	^E 67,669	^E 353,487	^E 1,557,812
March	^E 70	^E 448,607	23,993	130,518	^E 73,575	^E 396,999	^E 1,743,400
April	66	^E 425,355	22,719	123,604	^E 69,024	^E 386,800	^E 1,653,690
May	68	^E 448,495	^E 23,450	116,924	^E 67,756	^E 392,155	^E 1,701,305
June	61	^E 433,918	22,139	120,000	^E 70,961	^E 370,049	^E 1,636,538
July	61	^E 451,986	21,673	122,714	^E 67,236	^E 380,073	^E 1,686,733
August	62	^E 451,930	22,253	122,837	^E 70,298	^E 376,874	^E 1,684,444
September	54	^E 435,111	21,729	124,132	^E 68,911	^E 357,357	^E 1,646,818
October	49	^E 446,319	22,621	131,349	^E 73,530	^E 370,262	^E 1,686,417
November	50	^E 432,782	21,865	127,995	^E 71,406	^E 346,876	^E 1,622,420
December	56	^E 450,460	22,889	134,288	^E 77,639	^E 360,009	^E 1,689,704
Total	^E 731	^E 5,277,904	^E 270,600	1,505,452	^E 849,381	^E 4,476,065	^E 20,029,934
2004							
January	^E 63	^E 453,985	21,237	^R 132,555	^E 71,291	^E 368,343	^{RE} 1,709,483
February	^E 59	^E 425,427	21,567	^R 124,765	^E 67,687	^E 351,387	^{RE} 1,588,150
March	^E 63	^E 458,324	22,991	^R 133,991	^E 74,826	^E 359,476	^{RE} 1,698,503
April	^E 59	^E 445,476	^E 22,249	129,444	^E 68,574	^E 331,173	^E 1,622,602
2004 YTD	^E 244	^E 1,783,212	^E 88,044	520,756	^E 282,377	^E 1,410,379	^E 6,618,737
2003 YTD	^E 270	^E 1,726,903	91,982	505,213	^E 281,643	^E 1,522,410	^E 6,675,554
2002 YTD	290	1,696,539	91,633	466,808	271,355	1,533,916	6,591,254

^a 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.

^R Revised Data.

^E Estimated Data.

^{RE} 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, April 2004
(Million Cubic Feet)

State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama	£28,148	£422	£28,570	£144	£1,665	£136	£26,626
Alaska	17,093	294,879	311,972	271,311	0	510	40,151
Arizona	21	0	21	0	0	0	21
California	6,523	22,121	28,644	1,766	270	132	26,477
Colorado	73,197	11,916	85,113	851	0	107	84,155
Florida	0	314	314	0	36	0	278
Kansas	32,977	0	32,977	56	0	33	32,888
Louisiana	£98,255	£18,089	£116,343	£978	£0	£794	£114,571
Michigan	17,593	4,398	21,991	155	0	220	21,616
Mississippi	14,651	340	14,991	501	1,573	325	12,593
Montana	£6,749	£750	£7,498	£0	£0	£41	£7,457
New Mexico	£97,482	£16,107	£113,589	£701	£0	£155	£112,734
North Dakota	1,005	3,904	4,908	0	12	355	4,542
Oklahoma	£127,935	£13,582	£141,517	£0	£0	£0	£141,517
Oregon	£59	£0	£59	£0	£0	£0	£59
Texas	£399,518	£96,671	£496,189	£37,375	£11,275	£2,064	£445,476
Utah	£21,192	£2,527	£23,719	£446	£969	£54	£22,249
Wyoming	140,920	16,101	157,020	9,672	16,726	1,177	129,444
Other States	£66,717	£2,481	£69,197	£0	£493	£130	£68,574
Federal Gulf of Mexico	£268,880	£64,823	£333,702	£1,105	£0	£1,424	£331,173
Total	£1,418,914	£569,424	£1,988,338	£325,061	£33,019	£7,656	£1,622,602

^a See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

[£] 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 ^b	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^c
1999 Total^a	—	—	—	—	—	2,598	2,772	174
2000 Total^a	—	—	—	—	—	2,684	3,498	814
2001 Total^a	—	—	—	—	—	3,464	2,309	-1,156
2002								
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
Total	—	—	—	—	—	2,670	3,138	468
2003								
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
Total	—	—	—	—	—	3,288	3,095	-193
2004								
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

^a Total as of December 31.

^b 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.

^c Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

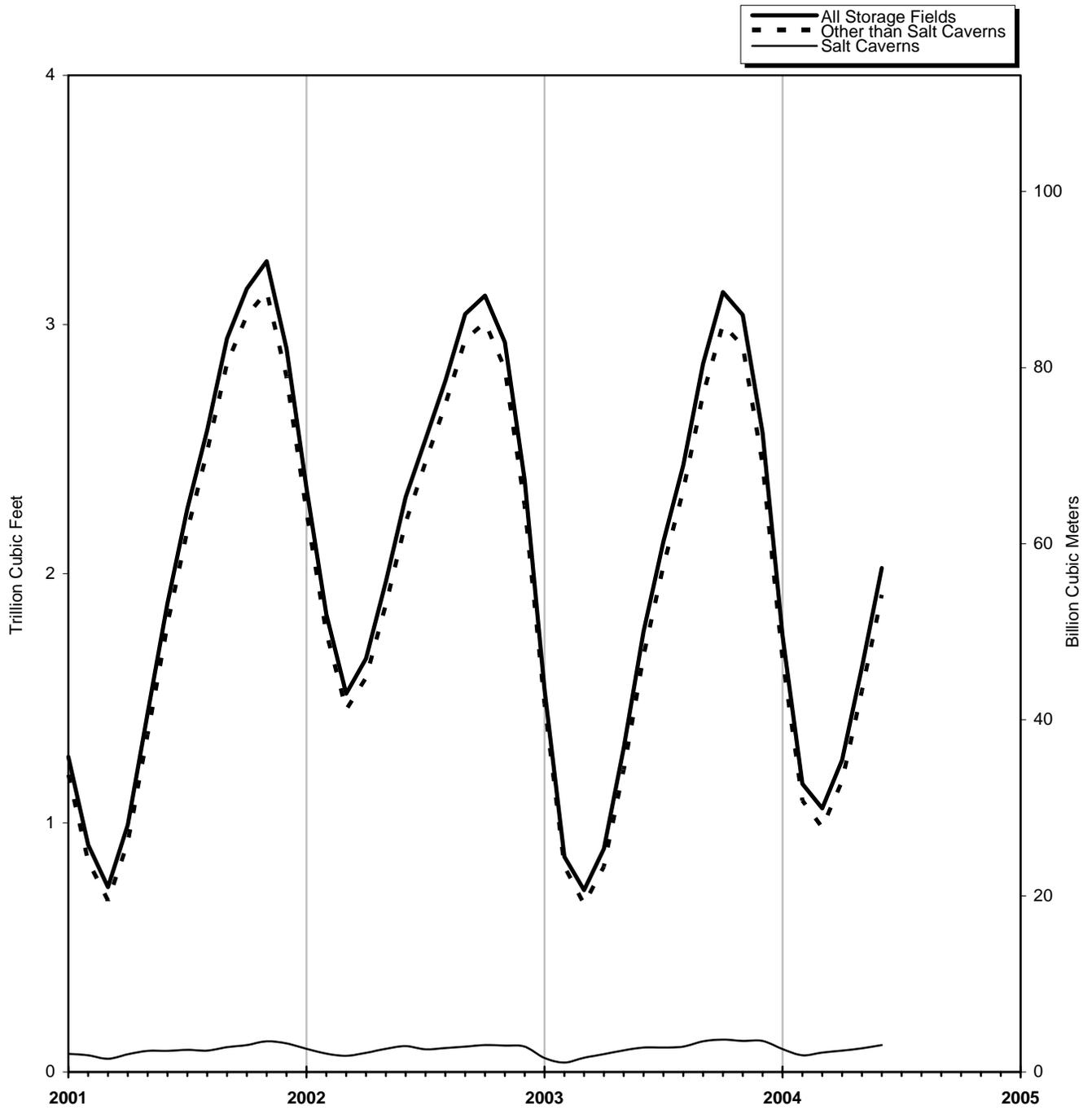
Notes: Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion

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, 2001-2004

(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 ^a
October 2001	4,310	3,144	7,454	412	15.1	282	93	-190
2001-2002 Heating Season								
November	4,301	3,254	7,555	812	33.2	210	138	-73
December	4,301	2,904	7,204	1,185	68.9	80	432	352
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
Total	—	—	—	—	—	513	2,123	1,610
2002 Refill Season								
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
Total	—	—	—	—	—	2,257	635	-1,621
2002-2003 Heating Season								
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
Total	—	—	—	—	—	451	2,862	2,411
2003 Refill Season								
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
Total	—	—	—	—	—	2,816	411	-2,405
2003-2004 Heating Season								
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
Total	—	—	—	—	—	482	2,556	2,074
2004 Refill Season								
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

^a 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
1999 Total^a	—	—	—	—	—	260	259	-1
2000 Total^a	—	—	—	—	—	296	320	24
2001 Total^a	—	—	—	—	—	341	294	-47
2002								
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
Total	—	—	—	—	—	358	363	5
2003								
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
Total	—	—	—	—	—	357	330	-27
2004								
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

^a 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
1999 Total^a	—	—	—	—	—	2,338	2,512	175
2000 Total^a	—	—	—	—	—	2,388	3,178	790
2001 Total^a	—	—	—	—	—	3,123	2,015	-1,108
2002								
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
Total	—	—	—	—	—	2,313	2,775	463
2003								
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
Total	—	—	—	—	—	2,931	2,765	-166
2004								
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

^a 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					
	June	May	April	March	February	January
Alabama	-1,092	-1,087	-477	-229	1,180	2,417
Arkansas	-548	-465	-136	455	1,331	1,912
California	-31,029	-35,502	-26,462	-7,223	42,943	53,688
Colorado	-3,407	302	8,621	395	4,712	3,491
Illinois	-34,451	-27,588	-750	26,768	44,777	67,571
Indiana	-2,922	-2,258	-698	2,637	4,296	6,897
Iowa	-5,414	-3,980	333	7,423	15,287	21,055
Kansas	-10,639	-11,107	-3,901	1,473	17,994	23,978
Kentucky	-8,230	-7,405	-3,128	1,245	12,941	18,860
Louisiana	-24,818	-20,403	-12,252	-5,125	56,412	50,936
Maryland	-3,040	-1,535	-337	523	2,661	5,535
Michigan	-69,587	-65,345	-37,847	44,248	99,628	153,143
Minnesota	-245	0	215	484	88	612
Mississippi	-7,881	-6,637	-4,293	-5,067	5,650	12,798
Missouri	-1,197	22	28	1,108	29	982
Montana	-2,409	-1,620	53	2,746	4,817	5,639
Nebraska	-1,329	-968	-472	277	1,317	797
New Mexico	248	-770	1,267	14	1,276	1,084
New York	-12,478	-10,640	-4,618	6,405	14,634	23,686
Ohio	-31,914	-27,981	-8,139	20,210	37,598	53,518
Oklahoma	-20,287	-19,657	-19,278	-100	31,718	34,428
Oregon	-3,386	8	1,477	941	1,501	2,680
Pennsylvania	-53,872	-50,602	-24,471	20,744	71,541	117,685
Tennessee	-46	-32	-32	12	51	103
Texas	-22,749	-36,463	-39,244	-25,180	71,692	66,335
Utah	-8,192	-8,114	-486	-714	10,077	12,729
Virginia	-327	-732	-121	311	366	975
Washington	242	-4,075	-3,032	-1,019	5,119	2,817
West Virginia	-31,801	-31,726	-17,117	8,687	33,624	58,367
Wyoming	-3,774	-2,484	-2,598	995	4,271	5,898
AGA Regions						
Producing	-87,766	-96,589	-78,313	-33,758	187,253	193,887
Eastern Consuming	-256,609	-230,770	-97,369	140,597	338,749	529,175
Western Consuming	-52,201	-51,486	-22,211	-3,396	73,528	87,553
Total	-396,576	-378,845	-197,893	103,444	599,531	810,616

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						
	Total	December	November	October	September	August	July
Alabama	-4,165	323	20	-728	-1,240	-144	-779
Arkansas	-1	1,212	97	-679	-907	-977	-752
California	-712	35,860	4,514	-20,167	-21,318	-9,889	-12,996
Colorado	-762	1,931	1,823	-3,062	-4,206	-6,122	-3,424
Illinois	-7,505	43,473	14,742	-32,129	-33,079	-28,871	-32,362
Indiana	224	4,066	-1,204	-3,346	-3,822	-2,907	-2,862
Iowa	-1,774	16,451	2,186	-13,224	-14,850	-12,884	-10,709
Kansas	-9,707	14,208	7,406	-7,672	-15,287	-9,840	-9,728
Kentucky	-2,547	10,377	3,338	-7,149	-8,643	-7,289	-9,214
Louisiana	-21,853	34,617	4,456	-30,130	-41,817	-20,684	-23,420
Maryland	-224	286	421	-1,815	-160	-110	-1,363
Michigan	-44,804	79,961	14,611	-52,328	-74,175	-73,438	-92,383
Minnesota	523	612	-135	-176	-239	-259	-331
Mississippi	-702	10,058	4,736	-94	-3,571	-944	-7,197
Missouri	295	-26	-160	18	-477	25	23
Montana	8,564	3,485	2,704	-1,585	-1,551	-1,983	-2,317
Nebraska	2,853	652	1,113	-814	-1,291	651	1,146
New Mexico	2,108	1,750	1,082	-1,726	-30	-619	346
New York	-6,368	13,298	1,217	-7,556	-9,733	-9,714	-11,871
Ohio	-2,986	39,469	13,417	-14,886	-25,377	-26,603	-31,747
Oklahoma	-18,492	17,152	-21	-12,579	-28,604	-10,965	-11,064
Oregon	786	902	956	-259	-1,220	-2,140	-2,348
Pennsylvania	-41,630	51,474	3,942	-27,002	-51,734	-37,772	-39,413
Tennessee	38	51	0	-46	-2	-95	-75
Texas	-31,161	33,604	-10,501	-29,757	-33,418	-14,729	-20,073
Utah	4,653	10,044	5,607	-3,807	-4,182	-2,011	-1,037
Virginia	-757	545	213	-129	-615	-823	-412
Washington	-1,736	499	167	1,266	-1,935	-2,957	-1,140
West Virginia	-20,831	42,297	7,466	-9,676	-24,067	-22,726	-32,032
Wyoming	6,155	4,788	2,279	-2,733	-3,016	-2,016	-1,955
AGA Regions							
Producing	-83,973	112,925	7,274	-83,365	-124,874	-58,903	-72,668
Eastern Consuming	-126,017	302,375	61,302	-170,080	-248,025	-222,556	-263,274
Western Consuming	17,469	58,122	17,915	-30,524	-37,667	-27,376	-25,547
Total	-192,521	473,421	86,491	-283,970	-410,566	-308,835	-361,489

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
	June	May	April	March	February	January	Total
Alabama	-742	-990	-797	-456	-420	1,789	-154
Arkansas	-741	-632	-209	341	1,409	1,836	397
California	-30,296	-27,859	-13,402	12,130	49,464	33,248	17,023
Colorado	-4,683	638	773	2,924	8,432	4,213	1,141
Illinois	-32,673	-29,399	-8,980	11,028	50,338	70,407	19,029
Indiana	-3,017	-1,609	158	1,946	5,301	7,519	1,840
Iowa	-5,103	-3,694	-80	4,895	13,459	21,778	4,251
Kansas	-18,311	-11,018	-521	-4,997	20,396	25,657	15,153
Kentucky	-13,017	-9,916	-2,675	3,213	17,123	21,305	9,445
Louisiana	-33,846	-28,994	-11,766	7,692	55,201	66,838	59,958
Maryland	-2,816	-2,534	-750	-124	4,003	4,738	-1,058
Michigan	-84,460	-71,124	-20,439	42,692	128,637	157,642	99,889
Minnesota	-309	0	0	199	504	659	-98
Mississippi	-8,962	-8,651	-1,746	-8,327	7,791	16,204	3,133
Missouri	27	-1,524	445	170	555	1,218	-414
Montana	-1,720	-1,041	-179	3,666	4,732	4,353	-5,933
Nebraska	-1,004	-537	-248	504	1,512	1,170	984
New Mexico	-605	45	-471	184	1,728	424	7,815
New York	-13,110	-9,786	-4,999	6,003	17,730	22,151	2,810
Ohio	-31,526	-31,723	-9,789	10,463	43,314	62,002	28,333
Oklahoma	-24,846	-23,041	-9,198	13,335	32,780	38,560	36,302
Oregon	-3,529	-113	1,174	2,426	2,367	2,570	-2,852
Pennsylvania	-61,273	-69,939	-15,724	8,917	77,271	119,623	56,838
Tennessee	0	-35	0	68	110	62	131
Texas	-45,027	-34,335	-32,473	5,851	72,434	77,260	73,811
Utah	-4,308	-4,476	-7,759	1,240	8,305	7,036	-2,118
Virginia	-475	-447	-268	179	496	978	-32
Washington	-2,415	-4,927	-412	-624	7,520	3,221	-362
West Virginia	-38,730	-32,162	-16,008	5,161	37,668	61,978	43,298
Wyoming	-2,139	-2,151	-2,118	4,899	5,576	4,741	-741
AGA Regions							
Producing	-133,079	-107,616	-57,180	13,624	191,320	228,568	196,415
Eastern Consuming	-287,177	-264,428	-79,357	95,115	397,516	552,572	265,345
Western Consuming	-49,399	-39,930	-21,924	26,859	86,900	60,042	6,061
Total	-469,656	-411,974	-158,461	135,599	675,736	841,183	467,822

See footnotes at end of table.

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

State	2002						
	December	November	October	September	August	July	June
Alabama	141	-397	-128	-64	-97	-250	2
Arkansas	877	167	-17	-393	-390	-340	-463
California	44,101	-3,132	-8,108	-4,707	291	-7,074	-12,551
Colorado	2,057	-219	872	-4,030	-6,647	-3,977	-3,314
Illinois	52,510	19,615	-29,718	-38,648	-36,473	-28,544	-37,540
Indiana	3,853	-46	-2,803	-3,255	-2,706	-3,475	-2,946
Iowa	18,612	-3,249	-12,503	-12,188	-12,098	-11,781	-4,696
Kansas	14,652	10,367	2,040	-11,013	-9,239	-3,170	-11,533
Kentucky	9,269	4,887	-1,862	-6,258	-5,636	-4,329	-7,980
Louisiana	33,458	30,028	-6,298	-15,789	-13,263	-6,965	-19,336
Maryland	364	55	124	33	-2,105	-2,619	-2,505
Michigan	98,551	46,792	-13,090	-49,780	-54,062	-51,650	-58,720
Minnesota	5	-85	-198	-300	-295	-277	0
Mississippi	3,591	-356	2,005	120	-4,781	-2,793	-6,968
Missouri	-118	-272	-294	-781	-1,096	18	13
Montana	3,487	1,926	70	-4,298	-5,201	-6,611	-3,928
Nebraska	755	57	3	-906	-692	237	-588
New Mexico	1,956	1,366	740	-446	791	352	1,176
New York	15,568	3,786	-4,953	-8,707	-7,293	-8,313	-11,255
Ohio	46,875	17,435	-6,995	-22,458	-27,116	-31,089	-32,190
Oklahoma	22,547	9,873	3,238	-6,965	2,096	-1,094	-13,139
Oregon	1,792	-1,318	-699	-1,900	-3,051	-3,856	-4,579
Pennsylvania	75,594	9,548	-4,259	-32,448	-24,723	-29,902	-49,829
Tennessee	46	86	2	3	4	15	2
Texas	51,271	31,687	-9,816	-19,944	9,058	-116	-14,895
Utah	7,270	3,374	377	-3,608	-6,336	-6,807	-7,111
Virginia	442	248	-272	-344	-157	-297	-330
Washington	1,092	-1,335	1,698	-1,487	-956	-620	-2,918
West Virginia	44,193	14,615	3,608	-16,504	-20,179	-22,210	-29,160
Wyoming	5,645	2,574	292	-1,678	-3,479	-3,971	-3,741
AGA Regions							
Producing	128,493	82,734	-8,235	-54,494	-15,825	-14,376	-65,157
Eastern Consuming	366,511	113,556	-73,011	-192,240	-194,332	-193,939	-237,723
Western Consuming	65,450	1,786	-5,696	-22,009	-25,673	-33,193	-38,144
Total	560,454	198,076	-86,942	-268,743	-235,830	-241,508	-341,023

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, June 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	5,228	8,203	1,085	26.2	1,595	503
Arkansas	22,000	7,835	3,846	11,681	-520	-11.9	548	0
California	478,995	231,786	189,262	421,048	28,924	18.0	32,350	1,321
Colorado	101,055	47,442	19,827	67,269	-786	-3.8	3,901	494
Illinois	959,112	664,474	134,068	798,542	-8,252	-5.8	34,830	378
Indiana	111,680	78,060	18,886	96,946	1,864	11.0	3,006	84
Iowa	273,200	199,286	14,499	213,785	-1,411	-8.9	5,697	283
Kansas	293,574	175,405	59,809	235,214	4,026	7.2	11,738	1,099
Kentucky	220,211	139,565	47,266	186,831	4,566	10.7	8,565	335
Louisiana	592,516	268,678	166,274	434,953	29,894	21.9	29,491	4,673
Maryland	62,000	46,677	10,256	56,934	-1,066	-9.4	3,065	25
Michigan	1,018,517	425,517	303,958	729,475	67,939	28.8	69,864	277
Minnesota	7,000	4,840	1,004	5,844	-13	-1.3	245	0
Mississippi	144,787	80,375	49,260	129,635	1,581	3.3	10,438	2,556
Missouri	32,098	21,600	9,470	31,070	-124	-1.3	1,214	17
Montana	374,201	178,506	11,107	189,613	-6,936	-38.4	3,031	622
Nebraska	39,469	22,290	7,288	29,578	3,625	99.0	1,397	68
New Mexico	89,800	32,111	1,765	33,876	-6,287	-78.1	973	1,221
New York	190,157	98,926	54,434	153,361	6,952	14.6	12,580	102
Ohio	573,709	345,488	89,563	435,051	2,763	3.2	32,356	443
Oklahoma	389,947	211,022	109,094	320,116	35,482	48.2	21,031	745
Oregon	23,676	9,714	8,631	18,345	873	11.3	3,386	0
Pennsylvania	709,946	337,182	246,957	584,139	19,399	8.5	56,110	2,238
Tennessee	1,200	340	391	731	177	82.6	46	0
Texas	675,769	234,706	265,296	500,002	60,193	29.3	35,415	12,667
Utah	129,480	64,714	27,120	91,834	-10,011	-27.0	8,196	4
Virginia	6,344	2,876	1,990	4,866	408	25.8	415	89
Washington	39,628	20,333	17,294	37,627	3,163	22.4	813	1,056
West Virginia	492,025	266,833	131,066	397,899	18,483	16.4	31,880	79
Wyoming	115,069	64,888	18,025	82,913	-1,305	-6.8	3,780	6
AGA Regions								
Producing	2,216,912	1,013,107	660,572	1,673,679	125,455	23.4	111,229	23,464
Eastern Consuming	4,689,669	2,649,115	1,070,093	3,719,208	115,324	12.1	261,025	4,416
Western Consuming	1,269,103	622,223	292,270	914,493	13,910	5.0	55,704	3,503
Total	8,175,684	4,284,444	2,022,935	6,307,379	254,689	14.4	427,958	31,382

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		
				May	April	March
Alabama	30,959	32,152	29,728	1,973	3,317	6,100
Alaska	9,590	8,230	8,468	919	1,410	2,061
Arizona	22,855	21,386	22,955	1,703	2,293	4,841
Arkansas	23,847	26,698	25,559	1,446	2,768	5,199
California	259,735	253,342	279,364	28,103	35,309	48,292
Colorado	65,021	67,269	72,196	4,948	8,787	11,393
Connecticut	29,052	29,423	23,741	2,143	4,390	5,819
Delaware	6,874	7,234	6,011	395	897	1,319
District of Columbia	8,781	9,431	7,418	382	1,003	1,537
Florida	9,639	9,647	8,473	1,078	1,394	2,008
Georgia	72,117	73,798	65,824	4,559	7,071	10,592
Hawaii	232	246	238	44	48	47
Idaho	12,455	11,543	12,742	1,016	1,465	2,478
Illinois	267,101	290,745	263,941	15,677	30,789	52,056
Indiana	90,648	99,386	93,784	5,481	8,845	17,254
Iowa	43,548	46,843	42,820	2,592	4,581	8,700
Kansas	43,312	52,761	44,373	2,729	4,426	8,707
Kentucky	35,440	38,724	32,985	1,494	3,569	6,628
Louisiana	28,473	30,443	30,076	2,055	3,015	6,073
Maine	718	741	586	47	101	157
Maryland	53,971	56,393	42,392	2,645	6,294	10,117
Massachusetts	80,880	84,415	65,047	5,969	12,348	16,548
Michigan	230,792	248,776	219,896	18,120	32,637	46,894
Minnesota	78,611	83,281	76,101	5,647	8,956	15,758
Mississippi	16,541	18,015	17,244	990	1,416	3,539
Missouri	73,847	77,619	71,442	4,663	8,951	15,345
Montana	11,570	11,941	12,874	1,078	1,415	2,227
Nebraska	27,427	26,968	27,752	1,753	3,072	5,801
Nevada	20,465	18,981	19,351	1,724	2,025	4,037
New Hampshire	NA	5,320	4,097	NA	NA	^R 1,056
New Jersey	147,906	158,062	119,985	8,799	20,419	29,339
New Mexico	21,610	20,420	21,889	1,719	2,619	5,047
New York	264,224	283,134	215,494	22,691	41,372	55,730
North Carolina	42,877	43,101	35,072	1,950	4,915	^R 8,520
North Dakota	6,597	7,042	6,722	526	784	1,308
Ohio	205,920	222,961	191,218	12,479	26,594	41,804
Oklahoma	40,636	46,995	44,038	2,614	4,266	8,966
Oregon	23,424	22,921	24,426	2,077	2,979	4,601
Pennsylvania	163,189	174,629	140,591	9,913	22,879	33,138
Rhode Island	13,401	13,695	10,740	1,168	2,325	2,617
South Carolina	21,002	20,405	17,479	913	2,290	4,370
South Dakota	7,570	8,053	7,700	545	868	1,437
Tennessee	46,152	50,526	43,878	2,710	5,206	9,398
Texas	115,976	132,801	127,430	8,374	11,209	19,981
Utah	32,818	29,585	33,343	2,342	3,998	4,845
Vermont	2,060	2,088	1,701	177	331	432
Virginia	NA	53,591	40,595	2,036	NA	9,563
Washington	NA	41,482	45,846	NA	NA	7,963
West Virginia	21,342	21,161	18,488	1,258	2,947	4,438
Wisconsin	81,122	87,766	79,075	5,847	9,741	16,439
Wyoming	6,940	6,836	7,567	635	982	1,319
Total	3,019,216	3,189,003	2,860,752	213,955	380,829	^R 593,839

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

State	2004		2003			
	February	January	Total	December	November	October
Alabama	9,460	10,109	47,184	6,331	2,129	1,462
Alaska	2,049	3,151	16,852	2,430	2,322	1,368
Arizona	6,896	7,122	34,832	5,488	2,087	1,359
Arkansas	7,439	6,995	37,984	4,871	2,064	1,032
California	68,192	79,839	489,293	72,602	42,728	25,313
Colorado	19,511	20,382	123,593	20,732	16,013	5,782
Connecticut	8,183	8,517	45,132	5,788	3,470	1,852
Delaware	1,945	2,319	10,646	1,323	750	407
District of Columbia	2,376	3,484	15,302	2,577	1,308	858
Florida	2,516	2,644	16,025	1,637	918	767
Georgia	23,342	26,553	129,702	25,273	10,351	5,709
Hawaii	46	48	543	46	42	40
Idaho	3,497	3,999	18,984	3,001	1,931	652
Illinois	72,726	95,853	473,576	69,787	44,996	25,481
Indiana	25,672	33,395	157,870	24,249	13,612	8,035
Iowa	13,180	14,495	74,119	10,916	7,114	3,058
Kansas	13,892	13,557	76,884	11,177	4,706	2,127
Kentucky	10,337	13,412	62,356	10,808	5,256	2,652
Louisiana	8,500	8,830	NA	6,786	2,079	1,797
Maine	180	234	1,197	170	103	66
Maryland	14,915	20,001	90,936	14,376	7,535	4,721
Massachusetts	23,150	22,865	NA	NA	8,848	4,641
Michigan	63,091	70,049	385,218	50,448	31,926	19,944
Minnesota	20,743	27,507	137,941	20,782	15,372	6,985
Mississippi	5,162	5,434	26,539	3,628	1,214	848
Missouri	23,231	21,657	114,613	15,964	7,473	3,544
Montana	2,988	3,863	20,365	3,054	2,343	956
Nebraska	8,101	8,699	42,170	6,372	3,540	1,650
Nevada	5,908	6,772	32,848	5,374	2,816	1,272
New Hampshire	^R 1,490	^R 1,453	NA	NA	610	338
New Jersey	42,762	46,586	NA	34,596	17,786	NA
New Mexico	6,138	6,087	31,562	4,758	2,002	974
New York	72,806	71,624	427,258	51,991	29,892	17,306
North Carolina	13,492	14,001	NA	12,879	5,311	NA
North Dakota	1,709	2,269	11,878	1,708	1,522	634
Ohio	58,120	66,922	344,512	50,079	24,630	17,191
Oklahoma	12,954	11,836	67,137	9,229	3,433	1,687
Oregon	6,209	7,559	37,300	5,653	3,179	1,227
Pennsylvania	46,965	50,294	265,430	37,103	18,676	12,352
Rhode Island	4,047	3,245	20,169	2,261	1,354	665
South Carolina	6,942	6,486	29,370	4,432	1,644	737
South Dakota	2,214	2,506	13,175	1,929	1,464	590
Tennessee	14,201	14,637	73,045	11,277	4,012	2,123
Texas	38,665	37,748	206,264	29,427	13,697	7,100
Utah	9,483	12,149	54,635	9,037	6,914	2,988
Vermont	581	539	3,118	394	235	119
Virginia	14,864	19,643	85,949	14,794	6,901	4,194
Washington	10,363	NA	71,110	10,942	7,581	2,903
West Virginia	6,544	6,154	32,692	5,038	2,415	1,843
Wisconsin	20,218	28,876	141,953	20,287	14,270	7,543
Wyoming	1,832	2,172	12,021	1,834	1,404	646
Total	^R859,826	^R970,768	5,105,080	741,673	413,978	230,391

See footnotes at end of table.

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

State	2003					
	September	August	July	June	May	April
Alabama	1,124	1,131	1,531	1,326	1,922	3,274
Alaska	898	598	435	572	935	1,328
Arizona	1,023	1,070	1,091	1,329	2,033	2,929
Arkansas	795	771	831	923	1,480	3,043
California	21,719	21,793	24,549	27,247	35,694	45,495
Colorado	4,537	2,693	2,755	3,812	5,647	8,691
Connecticut	689	1,071	1,169	1,669	2,588	4,140
Delaware	192	179	214	346	529	955
District of Columbia	183	299	295	351	573	1,053
Florida	742	739	755	819	978	1,195
Georgia	3,634	3,457	3,652	3,828	4,627	7,185
Hawaii	42	45	42	41	48	47
Idaho	453	355	414	634	1,406	1,862
Illinois	11,435	9,545	9,867	11,720	17,454	35,290
Indiana	3,346	2,589	2,622	4,030	6,551	10,470
Iowa	1,563	1,398	1,412	1,816	3,118	5,598
Kansas	1,618	1,344	1,456	1,696	2,790	6,301
Kentucky	1,479	1,048	1,161	1,229	1,438	3,595
Louisiana	1,614	NA	1,652	1,473	1,947	2,774
Maine	30	28	28	31	59	113
Maryland	1,907	1,822	1,837	2,346	3,877	6,757
Massachusetts	2,855	2,591	2,906	4,515	7,736	12,993
Michigan	8,068	7,051	7,723	11,282	20,815	34,654
Minnesota	3,313	2,695	2,699	2,815	5,536	10,117
Mississippi	676	686	701	772	1,048	1,827
Missouri	2,466	2,113	2,310	3,124	4,747	9,068
Montana	555	413	441	663	1,259	1,613
Nebraska	786	905	878	1,071	1,735	3,368
Nevada	1,075	994	1,114	1,221	2,114	2,814
New Hampshire	178	162	171	278	499	825
New Jersey	5,180	5,131	5,624	7,239	12,194	22,293
New Mexico	813	753	834	1,008	1,633	3,074
New York	9,575	9,292	10,454	15,613	26,866	43,837
North Carolina	1,173	1,021	1,156	1,479	2,566	4,835
North Dakota	317	228	201	227	462	825
Ohio	7,055	6,264	7,879	8,454	14,812	27,411
Oklahoma	1,318	1,267	1,449	1,759	2,748	5,715
Oregon	904	819	997	1,600	3,058	3,838
Pennsylvania	4,915	4,874	5,314	7,567	12,304	22,404
Rhode Island	420	468	495	812	1,418	2,137
South Carolina	496	494	532	630	1,160	2,231
South Dakota	320	226	245	348	585	1,040
Tennessee	1,268	1,090	1,269	1,482	2,233	4,351
Texas	5,782	5,547	5,881	6,031	7,989	10,921
Utah	1,856	1,355	1,359	1,540	2,489	4,414
Vermont	63	60	65	95	188	332
Virginia	1,514	1,511	1,585	1,859	2,724	5,998
Washington	1,838	1,546	1,899	2,919	5,102	7,061
West Virginia	690	450	484	609	1,189	2,319
Wisconsin	3,470	2,613	2,687	3,318	6,290	11,923
Wyoming	401	243	255	401	699	925
Total	128,364	116,325	127,378	157,968	249,896	417,257

See footnotes at end of table.

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

State	2003			2002		
	March	February	January	Total	December	November
Alabama	6,078	10,287	10,591	46,290	7,635	2,878
Alaska	2,046	1,705	2,216	16,191	2,074	1,401
Arizona	4,797	4,780	6,846	35,226	4,393	2,104
Arkansas	6,368	8,064	7,743	39,130	5,751	3,121
California	50,393	60,276	61,484	510,995	65,611	36,668
Colorado	14,712	20,064	18,155	128,828	19,641	15,622
Connecticut	5,900	8,437	8,359	40,276	6,324	4,066
Delaware	1,548	1,995	2,206	9,550	1,568	865
District of Columbia	1,714	2,677	3,415	14,249	2,773	1,825
Florida	1,601	2,830	3,044	15,127	1,915	931
Georgia	11,959	20,435	29,592	126,667	25,357	15,644
Hawaii	49	50	51	539	48	46
Idaho	2,480	2,765	3,030	20,399	2,744	2,152
Illinois	59,595	82,227	96,180	459,242	73,514	52,304
Indiana	18,498	28,827	35,041	156,809	27,110	15,624
Iowa	10,446	13,715	13,966	71,545	11,147	7,640
Kansas	12,408	15,145	16,118	70,858	10,590	7,315
Kentucky	6,925	12,033	14,732	59,100	11,635	7,057
Louisiana	5,727	9,818	10,177	48,751	7,545	2,852
Maine	171	188	211	1,056	175	110
Maryland	11,516	16,215	18,027	80,122	15,584	9,741
Massachusetts	19,307	23,161	21,217	109,279	17,403	10,063
Michigan	55,692	67,307	70,308	368,720	56,999	38,446
Minnesota	18,072	23,765	25,792	135,213	20,438	16,032
Mississippi	3,845	5,729	5,566	26,452	4,075	1,527
Missouri	17,786	23,452	22,566	114,185	17,885	10,890
Montana	2,871	2,977	3,221	21,710	2,844	2,272
Nebraska	6,639	7,318	7,907	43,826	6,322	4,290
Nevada	4,059	4,563	5,431	31,958	4,226	2,603
New Hampshire	1,220	1,433	1,342	6,922	1,095	640
New Jersey	34,235	43,657	45,683	209,836	36,586	21,927
New Mexico	4,594	5,062	6,056	34,411	5,034	2,762
New York	64,090	77,224	71,117	369,614	58,038	36,764
North Carolina	8,370	12,984	14,347	58,904	10,891	6,245
North Dakota	1,663	1,970	2,122	11,725	1,692	1,287
Ohio	48,832	64,044	67,862	321,278	52,941	31,546
Oklahoma	11,555	12,936	14,041	67,166	9,701	5,417
Oregon	4,992	5,064	5,968	38,858	5,167	3,424
Pennsylvania	38,642	49,996	51,284	239,106	40,705	24,417
Rhode Island	3,246	3,703	3,191	17,545	2,546	1,580
South Carolina	4,172	6,450	6,392	27,621	5,291	2,031
South Dakota	1,870	2,132	2,427	12,897	1,698	1,491
Tennessee	10,378	15,946	17,617	69,355	12,808	5,753
Texas	28,225	40,513	45,153	209,896	32,561	17,859
Utah	6,045	8,463	8,174	59,398	8,328	6,759
Vermont	483	580	504	2,761	385	274
Virginia	9,777	15,913	19,179	75,476	15,028	9,286
Washington	9,371	9,580	10,368	73,347	9,204	6,861
West Virginia	4,451	6,316	6,886	30,761	5,301	3,353
Wisconsin	18,058	23,621	27,873	137,234	20,980	15,807
Wyoming	1,576	1,758	1,878	13,330	1,890	1,401
Total	679,046	890,148	952,656	4,889,732	771,195	482,972

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

State	YTD 2004	YTD 2003	YTD 2002	2004		
				May	April	March
Alabama	14,694	15,093	14,139	1,492	1,950	2,941
Alaska	9,922	8,563	7,549	1,031	1,704	2,068
Arizona	16,117	15,848	16,333	2,178	2,500	3,220
Arkansas	17,428	19,502	18,626	1,651	2,329	*3,729
California	115,475	NA	112,541	17,739	18,799	23,956
Colorado	32,433	32,678	36,621	3,029	4,575	5,852
Connecticut	20,862	21,804	21,858	1,825	3,123	4,170
Delaware	4,782	NA	4,236	328	660	941
District of Columbia	9,203	9,547	8,979	868	1,365	1,815
Florida	26,731	24,452	25,592	4,721	5,030	5,447
Georgia	30,459	28,742	25,452	2,548	3,572	4,994
Hawaii	757	744	703	145	155	152
Idaho	7,472	6,866	8,479	653	906	1,483
Illinois	120,358	120,828	111,251	9,123	15,182	25,132
Indiana	49,360	52,116	45,250	3,274	5,819	9,099
Iowa	27,708	29,086	26,221	1,779	3,286	5,598
Kansas	24,081	23,413	22,658	1,953	2,715	4,825
Kentucky	21,931	23,259	19,953	1,478	2,654	4,176
Louisiana	13,879	14,040	13,560	1,703	2,112	2,966
Maine	2,662	2,571	2,788	275	410	564
Maryland	39,096	37,470	31,550	4,090	6,150	8,221
Massachusetts	36,600	41,800	34,161	3,562	5,785	7,378
Michigan	107,668	117,022	100,847	8,816	15,490	21,449
Minnesota	55,833	59,435	56,997	4,098	6,939	11,414
Mississippi	12,118	12,965	11,743	1,212	1,758	2,478
Missouri	38,379	39,594	37,012	3,040	4,984	8,071
Montana	7,472	8,006	8,717	735	1,012	1,449
Nebraska	15,830	17,251	16,868	1,227	1,878	3,673
Nevada	12,926	12,090	11,758	1,805	1,909	2,534
New Hampshire	NA	NA	4,673	NA	NA	*1,296
New Jersey	95,081	96,043	76,396	9,511	14,500	19,260
New Mexico	15,381	14,318	15,904	1,811	2,130	3,516
New York	129,078	162,435	171,107	14,633	21,756	26,250
North Carolina	26,083	25,570	21,470	2,223	3,492	5,290
North Dakota	5,891	6,291	6,487	508	698	1,183
Ohio	105,194	111,546	93,872	7,218	14,303	22,143
Oklahoma	23,786	25,075	24,990	1,960	2,889	5,468
Oregon	15,038	14,874	16,277	1,559	2,009	2,957
Pennsylvania	89,777	95,682	73,956	7,035	13,374	18,687
Rhode Island	7,510	7,618	6,594	622	1,219	1,508
South Carolina	12,370	12,073	10,896	1,308	1,779	2,484
South Dakota	5,817	5,991	5,767	467	698	1,129
Tennessee	32,835	35,615	30,657	3,151	4,488	6,867
Texas	90,674	94,051	93,191	13,225	13,520	17,133
Utah	18,494	16,461	18,950	1,480	2,317	2,925
Vermont	1,731	1,771	1,448	151	267	355
Virginia	NA	35,780	32,108	2,976	NA	7,139
Washington	NA	26,318	27,338	NA	NA	4,654
West Virginia	14,428	14,027	13,715	1,373	2,152	3,021
Wisconsin	47,724	50,887	45,955	3,518	5,495	9,783
Wyoming	5,577	5,328	6,036	563	844	1,098
Total	1,698,523	1,801,042	1,650,229	165,129	241,839	*343,942

See footnotes at end of table.

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

State	2004		2003			
	February	January	Total	December	November	October
Alabama	4,123	4,187	25,637	2,955	1,579	1,367
Alaska	2,077	3,042	20,696	2,931	2,316	1,416
Arizona	4,088	4,130	31,904	3,794	2,533	2,016
Arkansas	4,992	4,726	31,750	3,245	1,981	1,532
California	27,669	27,313	NA	26,384	20,423	17,386
Colorado	9,601	9,377	62,224	9,937	7,425	3,343
Connecticut	5,589	6,155	37,842	4,705	3,132	2,109
Delaware	1,303	1,550	NA	979	626	400
District of Columbia	2,310	2,845	17,890	2,404	1,461	1,164
Florida	5,622	5,911	53,811	5,287	4,297	3,950
Georgia	9,246	10,099	54,264	9,542	4,544	2,957
Hawaii	147	158	1,751	154	140	143
Idaho	2,071	2,358	12,034	1,797	1,179	533
Illinois	34,177	36,744	209,317	29,648	19,252	12,543
Indiana	15,168	16,000	87,471	12,910	7,615	4,964
Iowa	8,394	8,651	48,502	6,824	4,389	2,683
Kansas	7,289	7,298	37,875	5,265	2,762	1,500
Kentucky	6,283	7,341	^R 38,189	5,544	2,931	1,912
Louisiana	3,562	3,535	25,158	2,537	1,594	1,425
Maine	628	785	NA	NA	^R 279	335
Maryland	9,969	10,666	70,836	9,621	5,962	5,249
Massachusetts	10,331	9,544	NA	NA	NA	5,852
Michigan	30,159	31,753	185,852	22,600	14,597	9,539
Minnesota	14,748	18,634	101,288	14,547	9,719	5,723
Mississippi	3,275	3,394	22,671	2,661	1,369	1,304
Missouri	11,519	10,765	62,758	7,845	4,177	2,607
Montana	1,875	2,401	13,488	1,729	1,312	570
Nebraska	4,849	4,203	28,535	3,576	2,191	1,285
Nevada	3,206	3,472	24,008	2,961	2,160	1,501
New Hampshire	^R 1,653	^R 1,565	NA	NA	820	602
New Jersey	25,604	26,206	NA	21,125	13,048	NA
New Mexico	3,994	3,929	24,018	3,071	1,530	1,080
New York	32,886	33,553	285,759	26,859	19,681	16,603
North Carolina	7,257	7,819	NA	5,784	4,110	NA
North Dakota	1,475	2,027	11,012	1,534	1,429	647
Ohio	28,414	33,116	176,341	23,314	14,044	8,874
Oklahoma	7,150	6,318	38,032	4,338	1,952	1,377
Oregon	3,912	4,600	26,172	3,516	2,135	1,152
Pennsylvania	24,304	26,376	155,402	19,781	11,419	8,337
Rhode Island	2,200	1,961	11,146	1,013	791	440
South Carolina	3,484	3,314	22,125	2,605	1,543	1,330
South Dakota	1,653	1,871	10,374	1,485	1,165	533
Tennessee	9,086	9,243	58,938	6,750	3,756	2,997
Texas	23,379	23,416	175,360	17,668	11,835	9,271
Utah	5,393	6,379	30,800	4,779	3,757	1,702
Vermont	491	466	2,757	337	207	125
Virginia	9,489	11,270	65,736	9,630	5,720	4,254
Washington	6,233	NA	48,027	6,664	4,383	2,379
West Virginia	3,937	3,946	24,751	3,086	1,881	1,572
Wisconsin	12,411	16,517	84,066	10,992	8,424	4,684
Wyoming	1,435	1,638	9,550	1,366	1,037	522
Total	^R460,110	^R487,501	^R3,138,800	386,407	^R249,148	177,294

See footnotes at end of table.

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

State	2003					
	September	August	July	June	May	April
Alabama	1,146	1,119	1,214	1,165	1,494	1,872
Alaska	1,577	1,353	1,276	1,265	1,277	1,633
Arizona	1,827	1,917	1,940	2,030	2,412	2,795
Arkansas	1,361	1,325	1,393	1,411	1,755	2,584
California	15,958	16,300	16,718	17,262	20,334	22,011
Colorado	2,773	1,807	1,824	2,438	2,885	4,651
Connecticut	1,379	1,437	1,570	1,706	2,065	3,584
Delaware	298	270	289	331	428	712
District of Columbia	693	985	836	800	1,027	1,499
Florida	3,957	3,950	3,906	4,013	4,240	4,483
Georgia	2,175	2,104	2,091	2,110	2,319	3,565
Hawaii	145	137	145	142	143	144
Idaho	439	356	378	485	840	1,104
Illinois	7,799	6,312	6,758	6,177	9,062	15,406
Indiana	3,029	1,878	2,355	2,602	3,944	5,532
Iowa	1,474	1,261	1,272	1,514	2,025	3,759
Kansas	1,174	1,206	1,242	1,313	1,642	2,908
Kentucky	1,201	1,079	1,079	1,182	1,521	^a 2,419
Louisiana	1,378	1,313	1,471	1,400	1,612	2,194
Maine	209	191	158	231	216	436
Maryland	3,070	3,118	3,056	3,291	3,925	5,813
Massachusetts	2,738	2,541	2,545	5,561	4,180	7,363
Michigan	5,147	5,475	5,323	6,149	10,197	17,589
Minnesota	3,485	2,315	3,504	2,560	5,351	7,964
Mississippi	1,129	985	1,133	1,125	1,204	1,511
Missouri	2,279	2,109	1,922	2,223	3,060	4,873
Montana	362	443	452	614	930	1,219
Nebraska	951	1,123	1,015	1,144	1,601	2,501
Nevada	1,322	1,223	1,345	1,406	1,868	2,144
New Hampshire	444	450	426	413	601	949
New Jersey	7,394	6,672	7,108	6,507	9,756	14,743
New Mexico	971	920	968	1,160	1,643	2,379
New York	15,732	16,243	15,093	13,113	17,592	23,875
North Carolina	1,754	1,570	1,605	1,728	2,333	3,338
North Dakota	363	279	265	203	377	598
Ohio	5,027	4,271	4,254	5,012	7,433	14,452
Oklahoma	1,325	1,303	1,283	1,379	2,015	3,441
Oregon	1,044	979	1,059	1,413	2,093	2,550
Pennsylvania	4,663	4,799	5,027	5,694	7,812	13,386
Rhode Island	256	281	288	460	757	1,190
South Carolina	1,154	1,136	1,140	1,144	1,409	1,747
South Dakota	329	282	264	325	454	790
Tennessee	2,463	2,369	2,386	2,601	3,091	3,920
Texas	9,433	11,488	11,542	10,072	12,189	13,116
Utah	1,231	961	892	1,017	1,580	2,564
Vermont	76	75	71	94	157	302
Virginia	2,572	2,688	2,611	2,481	3,310	4,593
Washington	1,983	1,711	1,976	2,612	3,641	4,670
West Virginia	1,213	981	982	1,009	1,261	1,720
Wisconsin	2,637	2,075	2,123	2,245	3,591	6,523
Wyoming	353	271	277	397	594	896
Total	132,893	127,438	129,846	134,732	177,245	^b 256,010

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	2003			2002		
	March	February	January	Total	December	November
Alabama	2,951	4,369	4,407	24,868	3,351	1,832
Alaska	1,842	1,637	2,174	15,691	2,120	1,707
Arizona	3,357	3,309	3,974	31,665	3,375	2,468
Arkansas	4,435	5,602	5,126	32,928	3,796	2,759
California	24,908	NA	NA	238,247	22,270	18,286
Colorado	7,473	9,263	8,406	66,939	9,580	7,658
Connecticut	4,542	5,540	6,074	40,535	5,400	3,468
Delaware	1,002	1,416	NA	7,477	1,100	682
District of Columbia	2,017	2,456	2,548	18,332	2,663	2,064
Florida	4,838	5,544	5,346	55,803	5,478	4,433
Georgia	4,844	7,781	10,233	48,631	8,148	4,256
Hawaii	146	150	161	1,720	151	146
Idaho	1,472	1,638	1,812	13,592	1,597	1,249
Illinois	25,950	33,122	37,288	204,550	28,973	21,700
Indiana	10,116	15,360	17,163	82,427	13,405	8,600
Iowa	6,560	8,388	8,354	46,406	6,714	4,944
Kansas	5,603	6,593	6,667	38,752	5,051	3,689
Kentucky	^R 4,631	6,889	7,800	36,024	5,841	3,903
Louisiana	2,869	3,701	3,664	25,317	2,838	1,701
Maine	590	611	719	5,167	631	434
Maryland	7,305	9,552	10,875	63,999	9,825	7,122
Massachusetts	8,086	10,885	11,287	64,763	8,514	4,825
Michigan	26,556	30,625	32,054	175,055	24,495	16,507
Minnesota	12,308	16,286	17,526	104,387	14,311	11,035
Mississippi	2,834	3,785	3,631	21,148	2,689	1,498
Missouri	9,094	11,580	10,987	61,897	8,212	5,514
Montana	1,943	1,978	1,936	14,704	1,753	1,441
Nebraska	4,106	4,728	4,316	28,185	3,579	2,337
Nevada	2,525	2,588	2,965	22,685	2,524	1,926
New Hampshire	1,367	NA	NA	8,768	1,344	917
New Jersey	20,728	25,304	25,512	146,176	23,286	13,130
New Mexico	3,098	3,347	3,852	26,057	3,150	1,754
New York	36,627	42,888	41,454	362,247	42,734	37,932
North Carolina	4,888	7,268	7,743	40,198	6,225	3,620
North Dakota	1,537	1,832	1,947	11,675	1,617	1,315
Ohio	24,080	30,494	35,088	162,764	24,526	16,200
Oklahoma	6,073	6,902	6,644	40,225	4,845	2,941
Oregon	3,191	3,295	3,745	27,714	3,297	2,311
Pennsylvania	20,564	25,511	28,410	136,202	20,881	13,337
Rhode Island	1,744	1,970	1,957	11,468	1,544	1,001
South Carolina	2,326	3,193	3,397	21,029	2,875	1,698
South Dakota	1,383	1,651	1,713	10,258	1,375	1,186
Tennessee	7,275	10,336	10,995	53,707	8,138	4,289
Texas	19,423	23,501	25,823	186,430	22,104	17,205
Utah	3,344	4,525	4,449	33,501	4,392	3,580
Vermont	397	486	429	2,470	332	238
Virginia	7,327	9,214	11,336	62,699	9,486	6,538
Washington	5,634	5,884	6,489	46,455	5,158	3,995
West Virginia	2,802	4,250	3,995	24,723	3,452	2,486
Wisconsin	11,020	14,154	15,599	85,811	13,044	9,978
Wyoming	1,191	1,300	1,346	10,804	1,446	1,122
Total	^R380,919	475,989	510,879	3,103,277	413,637	294,958

^R 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		
				May	April	March
Alabama	64,749	64,829	67,860	11,999	12,579	12,799
Alaska	29,059	26,635	26,397	5,348	7,060	6,608
Arizona	6,796	8,024	7,158	1,184	1,231	1,330
Arkansas	55,546	50,477	51,711	9,798	10,408	11,336
California	331,798	276,780	291,258	63,332	69,038	64,670
Colorado	47,933	52,619	56,509	8,543	9,422	8,534
Connecticut	11,617	12,253	13,138	1,804	2,096	2,462
Delaware	8,079	7,413	6,147	1,413	1,285	1,602
District of Columbia	0	0	0	0	0	0
Florida	32,039	NA	43,458	6,215	6,312	6,635
Georgia	NA	61,430	60,657	13,590	NA	^R 14,250
Hawaii	183	189	206	33	38	39
Idaho ^a	10,491	11,321	12,900	1,691	2,003	2,114
Illinois	123,449	126,848	131,714	18,834	21,479	26,062
Indiana	119,231	111,054	110,845	19,220	21,737	24,334
Iowa	40,900	41,048	40,692	6,829	7,477	8,392
Kansas	39,128	42,749	37,819	7,693	7,411	7,828
Kentucky	50,427	45,647	44,599	8,869	8,986	10,492
Louisiana	317,926	307,337	324,008	61,728	59,289	64,924
Maine	1,280	1,492	1,218	192	217	259
Maryland	NA	10,160	11,365	NA	NA	1,658
Massachusetts	30,547	28,845	39,612	4,381	6,837	5,660
Michigan	104,921	111,308	108,840	15,894	18,245	23,355
Minnesota	41,829	41,389	41,626	6,629	7,815	8,654
Mississippi	41,430	42,859	41,409	8,338	8,326	8,820
Missouri	29,233	30,163	30,902	4,509	4,961	5,878
Montana	9,172	8,446	10,176	1,436	1,448	1,795
Nebraska	14,651	14,457	14,638	2,578	2,964	2,428
Nevada	4,821	4,656	4,488	924	930	930
New Hampshire	NA	NA	4,082	NA	NA	^R 649
New Jersey	34,662	34,905	35,869	5,803	6,850	^R 7,331
New Mexico	9,037	9,232	10,915	1,673	1,700	1,778
New York	48,326	51,086	42,523	6,921	8,895	10,029
North Carolina	40,165	39,261	42,295	7,351	7,618	8,508
North Dakota	6,912	5,378	8,543	1,011	1,473	1,496
Ohio	136,427	136,343	132,860	21,722	24,157	27,288
Oklahoma	54,900	52,228	52,644	9,670	9,518	9,893
Oregon	30,848	27,904	31,644	5,935	5,847	6,235
Pennsylvania	86,624	85,560	90,657	15,432	15,494	18,011
Rhode Island	NA	2,063	1,228	274	NA	492
South Carolina	31,307	32,124	42,929	5,859	5,990	6,615
South Dakota	4,692	5,243	1,636	770	863	987
Tennessee	45,147	53,045	54,495	8,136	8,478	8,972
Texas	726,310	734,002	889,684	143,622	134,851	145,828
Utah	11,265	10,783	11,574	2,021	2,069	2,213
Vermont	1,183	985	1,458	191	235	291
Virginia	29,171	29,426	28,953	5,559	^R 5,656	6,194
Washington	NA	28,253	30,747	NA	NA	5,620
West Virginia	NA	NA	19,372	NA	3,853	4,006
Wisconsin	65,346	66,821	66,428	10,177	10,925	^R 13,243
Wyoming	17,835	19,094	17,763	3,263	3,482	3,587
Total	3,077,678	3,017,920	3,249,648	557,681	^R577,314	^R623,113

See footnotes at end of table.

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

State	2004		2003			
	February	January	Total	December	November	October
Alabama	13,359	14,013	148,445	13,150	12,157	12,255
Alaska	5,641	4,402	NA	NA	4,158	NA
Arizona	1,505	1,545	^R 17,584	1,633	1,409	1,262
Arkansas	11,834	12,171	111,212	10,476	9,537	9,735
California	68,783	65,975	701,300	60,001	61,403	62,857
Colorado	10,197	11,236	114,268	11,018	9,982	7,359
Connecticut	2,567	2,688	27,200	2,728	2,162	2,409
Delaware	1,657	2,122	16,773	2,030	1,849	1,325
District of Columbia	0	0	0	0	0	0
Florida	6,116	6,762	NA	5,953	6,340	NA
Georgia	^R 14,972	^R 14,880	141,426	12,196	11,403	12,083
Hawaii	36	37	444	39	34	36
Idaho ^a	2,252	2,432	24,702	2,114	2,110	2,063
Illinois	27,539	29,535	269,557	25,990	24,010	20,818
Indiana	25,611	28,329	248,963	24,628	22,744	20,668
Iowa	9,168	9,034	92,218	8,537	8,447	7,564
Kansas	7,427	8,768	103,998	8,636	7,764	8,957
Kentucky	10,611	11,470	^R 102,061	10,649	8,686	8,709
Louisiana	64,793	67,192	712,237	64,894	59,964	57,926
Maine	287	324	NA	287	323	NA
Maryland	1,566	2,115	21,621	2,460	2,067	1,349
Massachusetts	7,035	6,633	NA	NA	4,577	7,098
Michigan	23,412	24,015	217,832	19,261	17,154	14,564
Minnesota	8,968	9,763	94,353	9,465	9,228	8,180
Mississippi	7,975	7,971	97,059	9,215	7,843	7,694
Missouri	6,681	7,205	64,022	6,279	5,471	4,869
Montana	2,020	2,474	19,531	2,294	2,238	1,700
Nebraska	3,268	3,413	38,476	3,035	2,876	3,676
Nevada	1,004	1,034	10,526	942	953	834
New Hampshire	^R 919	^R 711	NA	NA	511	495
New Jersey	^R 7,383	^R 7,295	NA	7,110	6,706	NA
New Mexico	1,938	1,948	21,114	1,849	1,764	1,494
New York	11,454	11,027	102,857	9,694	8,917	7,916
North Carolina	8,381	8,308	NA	8,552	7,308	NA
North Dakota	1,320	1,612	NA	NA	1,031	995
Ohio	28,729	34,531	292,878	29,493	24,750	24,219
Oklahoma	11,636	14,183	125,077	12,618	11,203	10,859
Oregon	6,291	6,540	67,779	6,410	6,152	6,026
Pennsylvania	17,972	19,715	189,014	18,263	15,117	15,820
Rhode Island	551	545	4,308	288	445	249
South Carolina	6,392	6,450	73,049	6,405	6,130	6,028
South Dakota	1,049	1,023	11,183	988	995	836
Tennessee	9,681	9,880	112,334	9,516	8,276	8,427
Texas	145,129	156,879	1,832,243	152,926	144,664	155,079
Utah	2,405	2,557	25,208	2,317	2,271	2,117
Vermont	314	152	2,488	295	261	255
Virginia	5,663	6,098	66,805	6,526	5,386	5,333
Washington	5,869	NA	65,895	6,105	5,905	6,072
West Virginia	4,387	4,410	NA	NA	3,627	3,692
Wisconsin	^R 14,385	^R 16,617	140,714	14,391	12,856	11,138
Wyoming	3,837	3,665	43,718	4,027	2,954	3,838
Total	^R641,971	^R677,600	^R7,006,817	629,811	584,118	588,234

See footnotes at end of table.

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

State	2003					
	September	August	July	June	May	April
Alabama	11,405	11,900	11,622	11,127	12,083	12,070
Alaska	5,908	6,280	6,200	6,290	6,259	6,370
Arizona	1,195	1,281	^R 1,354	^R 1,427	^R 1,448	^R 1,521
Arkansas	7,930	7,281	7,104	8,673	9,118	9,723
California	64,558	61,248	57,287	57,167	55,564	54,024
Colorado	7,281	8,948	9,540	7,520	10,478	7,620
Connecticut	1,774	2,181	1,943	1,750	2,017	2,472
Delaware	1,218	1,080	914	944	818	922
District of Columbia	0	0	0	0	0	0
Florida	NA	6,640	^R 5,666	5,206	5,812	5,621
Georgia	11,261	11,623	11,252	10,178	11,538	12,128
Hawaii	36	37	38	36	35	38
Idaho ^a	1,910	1,545	1,633	2,006	2,009	2,210
Illinois	18,685	18,094	17,249	17,862	19,017	21,867
Indiana	18,409	17,890	16,843	16,727	18,297	19,426
Iowa	7,181	6,295	6,578	6,568	7,018	7,203
Kansas	10,092	8,714	9,852	7,234	8,045	7,158
Kentucky	7,568	7,251	6,794	6,757	7,539	^R 7,829
Louisiana	57,563	58,858	56,353	49,341	59,994	60,690
Maine	219	221	283	206	209	233
Maryland	1,466	1,400	1,376	1,342	1,565	2,385
Massachusetts	NA	NA	5,234	3,361	6,076	4,617
Michigan	13,379	14,660	13,737	13,770	15,796	19,515
Minnesota	6,253	6,768	6,588	6,482	6,781	7,317
Mississippi	7,313	7,094	7,185	7,855	7,412	7,781
Missouri	4,518	5,072	3,540	4,110	4,457	5,015
Montana	1,234	1,086	1,122	1,413	1,310	1,842
Nebraska	4,009	4,186	4,381	1,856	2,669	2,585
Nevada	764	781	775	822	846	1,005
New Hampshire	402	450	417	459	653	697
New Jersey	5,536	5,684	5,989	5,609	6,294	6,495
New Mexico	1,998	1,414	1,658	1,705	1,809	1,872
New York	6,547	6,380	6,085	6,232	7,291	9,480
North Carolina	6,864	6,792	5,959	5,641	6,709	7,257
North Dakota	1,045	572	812	1,181	1,197	1,071
Ohio	19,929	20,235	19,064	18,845	21,967	23,504
Oklahoma	9,692	10,242	9,758	8,478	9,369	9,905
Oregon	5,655	5,437	5,242	4,952	5,403	5,429
Pennsylvania	13,846	14,279	13,537	12,591	13,718	15,473
Rhode Island	284	278	239	462	309	396
South Carolina	5,972	5,834	5,475	5,082	6,016	6,453
South Dakota	768	744	803	806	851	1,001
Tennessee	8,009	7,950	7,752	9,360	9,629	10,192
Texas	154,534	175,214	183,816	132,010	140,379	141,688
Utah	1,950	1,955	1,912	1,902	1,934	2,022
Vermont	183	175	156	177	191	270
Virginia	5,082	3,996	4,981	6,074	6,950	4,274
Washington	5,211	4,968	4,552	4,828	5,071	5,667
West Virginia	3,473	3,580	3,274	3,258	3,384	3,431
Wisconsin	9,332	8,925	8,422	8,829	9,937	11,722
Wyoming	3,553	3,393	3,284	3,575	3,645	3,751
Total	552,086	568,932	^R565,629	^R500,088	^R546,918	^R563,238

See footnotes at end of table.

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

State	2003			2002		
	March	February	January	Total	December	November
Alabama	12,538	13,667	14,471	157,286	14,162	12,483
Alaska	5,292	4,386	4,328	65,693	4,308	4,578
Arizona	^R 1,662	^R 1,640	^R 1,752	17,155	1,748	1,622
Arkansas	9,574	10,428	11,635	118,432	10,733	10,474
California	58,596	54,859	53,736	740,256	62,993	63,411
Colorado	10,218	12,128	12,174	134,967	11,823	10,288
Connecticut	2,487	2,428	2,849	29,051	2,673	2,516
Delaware	1,381	1,880	2,412	17,634	2,600	2,120
District of Columbia	0	0	0	0	0	0
Florida	5,604	NA	NA	97,789	7,913	7,900
Georgia	12,418	12,242	13,104	143,152	12,247	12,080
Hawaii	40	36	40	475	37	35
Idaho ^a	2,404	2,204	2,493	28,258	2,492	2,410
Illinois	26,158	28,732	31,073	290,479	27,786	25,907
Indiana	22,009	24,393	26,929	259,059	25,579	23,322
Iowa	8,105	9,960	8,762	92,223	9,132	9,370
Kansas	8,379	9,065	10,102	108,038	10,012	10,117
Kentucky	^R 8,904	9,852	11,523	101,348	9,764	9,690
Louisiana	61,002	58,131	67,520	796,149	77,190	76,188
Maine	281	336	432	3,668	541	572
Maryland	2,007	2,119	2,086	27,183	2,485	2,776
Massachusetts	6,249	5,001	6,901	85,951	8,179	7,442
Michigan	22,993	26,385	26,619	236,133	23,485	19,810
Minnesota	8,197	9,594	9,500	95,671	9,637	9,525
Mississippi	7,864	8,995	10,807	100,954	9,761	8,986
Missouri	6,210	7,050	7,431	66,593	6,285	5,932
Montana	1,858	1,989	1,447	21,867	1,547	2,215
Nebraska	2,577	3,188	3,439	40,428	3,224	2,951
Nevada	1,000	766	1,039	11,022	1,064	994
New Hampshire	747	NA	NA	8,054	966	290
New Jersey	7,135	7,313	7,668	80,483	7,496	6,794
New Mexico	1,850	1,858	1,842	24,962	2,004	2,299
New York	10,364	11,831	12,120	92,249	8,544	8,270
North Carolina	7,372	9,045	8,879	98,306	8,826	8,746
North Dakota	944	778	1,388	19,101	1,435	1,306
Ohio	27,569	30,336	32,967	307,748	31,006	28,235
Oklahoma	10,283	10,411	12,260	126,193	12,210	11,798
Oregon	5,597	5,522	5,953	70,510	6,001	5,714
Pennsylvania	17,251	18,922	20,196	205,127	20,139	18,422
Rhode Island	438	448	473	4,455	342	588
South Carolina	5,625	6,769	7,261	99,042	8,027	8,393
South Dakota	1,068	1,200	1,123	3,946	505	544
Tennessee	10,306	11,498	11,420	118,219	10,608	10,217
Texas	146,571	148,348	157,015	2,014,722	148,275	140,107
Utah	2,187	2,240	2,400	26,879	2,488	2,409
Vermont	180	124	220	3,085	283	287
Virginia	6,081	6,128	5,992	73,973	5,613	5,866
Washington	5,847	5,588	6,081	67,717	5,766	5,874
West Virginia	NA	3,945	4,156	45,492	4,147	4,094
Wisconsin	13,072	15,424	16,665	137,706	14,552	12,517
Wyoming	4,033	3,617	4,048	41,725	3,786	4,001
Total	^R 603,384	^R 630,728	^R 673,652	7,556,607	662,418	632,487

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

^R Revised Data.

NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 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		
				May	April	March
Alabama	46,014	29,861	38,946	10,417	^R 8,874	8,941
Alaska	15,493	14,295	12,733	3,130	^R 2,857	2,958
Arizona	61,615	40,932	40,623	16,689	^R 10,496	11,236
Arkansas	9,393	13,402	10,560	1,571	^R 1,514	2,328
California	255,379	228,616	251,393	54,357	^R 51,455	55,070
Colorado	30,907	26,992	29,332	6,808	^R 6,090	5,586
Connecticut	20,405	15,626	22,854	5,858	^R 4,106	3,834
Delaware	4,741	3,059	5,231	1,677	^R 582	800
District of Columbia	0	0	0	0	^R 0	0
Florida	195,771	191,483	183,335	48,986	^R 39,877	36,021
Georgia	23,059	11,578	9,747	8,449	^R 6,179	3,877
Hawaii	0	0	0	0	^R 0	0
Idaho	781	633	1,186	201	^R 144	136
Illinois	10,843	11,814	21,294	3,204	^R 1,105	2,180
Indiana	12,798	8,841	11,085	2,825	^R 1,760	1,779
Iowa	1,711	1,430	1,669	434	^R 300	282
Kansas	3,687	4,295	4,903	1,017	^R 825	659
Kentucky	2,046	1,444	2,829	476	^R 554	333
Louisiana	75,474	78,653	120,385	17,412	^R 13,537	16,378
Maine	28,950	23,637	38,131	5,962	^R 5,945	5,890
Maryland	3,128	3,504	3,766	1,280	^R 555	374
Massachusetts	65,994	52,875	44,201	12,717	^R 17,367	13,629
Michigan	50,904	42,789	54,211	11,152	^R 9,470	9,575
Minnesota	7,219	4,618	3,985	1,333	^R 1,149	1,134
Mississippi	33,368	44,115	64,878	9,421	^R 6,245	5,799
Missouri	8,511	6,751	9,759	3,127	^R 1,467	811
Montana	29	61	16	9	^R 5	4
Nebraska	1,335	866	954	600	^R 194	174
Nevada	38,679	35,410	38,830	8,318	^R 6,507	6,935
New Hampshire	0	1	80	0	^R 0	0
New Jersey	49,250	40,614	50,635	14,686	^R 10,069	8,206
New Mexico	13,730	13,381	12,633	3,501	^R 2,234	2,371
New York	80,894	89,215	122,796	20,443	^R 15,051	15,273
North Carolina	16,268	11,529	7,173	6,605	^R 1,682	2,040
North Dakota	0	0	1	0	^R 0	0
Ohio	4,945	3,704	3,485	2,280	^R 557	595
Oklahoma	75,701	58,093	70,581	20,428	^R 16,916	13,715
Oregon	32,003	21,546	23,733	4,753	^R 5,627	5,889
Pennsylvania	27,546	10,610	11,844	9,711	^R 3,311	4,012
Rhode Island	14,375	13,915	21,609	3,804	^R 2,348	1,929
South Carolina	9,046	6,506	13,579	3,719	^R 986	696
South Dakota	233	173	336	43	^R 21	^R 36
Tennessee	543	2,029	496	157	^R 108	^R 34
Texas	491,430	548,779	542,576	116,313	^R 101,535	96,034
Utah	3,139	5,872	4,251	1,064	^R 743	407
Vermont	8	8	13	2	^R 2	^R 1
Virginia	18,521	10,858	9,033	5,805	^R 2,995	1,670
Washington	22,979	18,179	16,048	3,624	^R 3,727	3,997
West Virginia	754	413	651	232	^R 378	22
Wisconsin	7,551	8,538	7,078	1,592	^R 1,312	1,313
Wyoming	1,004	1,350	1,218	269	^R 196	168
Total	1,878,155	1,762,896	1,946,686	456,456	^R368,958	^R355,130

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		2003			
	February	January	Total	December	November	October
Alabama	8,523	9,258	87,809	6,465	3,841	3,028
Alaska	3,015	3,533	35,809	3,384	3,152	2,980
Arizona	13,497	9,697	133,845	5,506	6,087	11,502
Arkansas	2,283	1,698	30,176	1,401	1,659	2,246
California	48,818	45,680	658,015	49,343	49,610	62,558
Colorado	5,845	6,579	72,815	6,106	6,071	4,729
Connecticut	3,888	2,720	43,095	3,666	4,459	3,869
Delaware	754	929	11,209	662	452	891
District of Columbia	0	0	0	0	0	0
Florida	35,237	35,650	522,958	37,405	44,122	47,217
Georgia	2,625	1,929	37,806	880	2,065	2,595
Hawaii	0	0	0	0	0	0
Idaho	145	153	2,272	119	137	131
Illinois	1,911	2,443	35,960	1,511	1,367	1,303
Indiana	3,495	2,938	28,169	2,641	2,684	1,485
Iowa	257	439	4,493	225	476	242
Kansas	604	582	15,711	778	861	608
Kentucky	277	406	3,680	283	106	104
Louisiana	15,050	13,097	221,309	15,858	15,334	16,791
Maine	6,205	4,948	67,262	5,660	6,079	6,990
Maryland	370	549	21,194	491	495	2,744
Massachusetts	10,498	11,783	171,267	13,040	14,271	18,540
Michigan	10,024	10,684	101,389	7,434	6,490	6,362
Minnesota	1,452	2,150	19,890	1,433	1,871	2,013
Mississippi	7,227	4,675	99,495	6,547	6,304	5,118
Missouri	1,573	1,533	20,845	633	476	109
Montana	5	6	259	34	11	15
Nebraska	167	200	4,930	99	260	235
Nevada	9,030	7,890	112,285	9,201	8,514	10,430
New Hampshire	0	0	1	0	0	0
New Jersey	8,343	7,946	122,224	11,228	8,788	9,841
New Mexico	2,728	2,897	38,336	2,896	2,497	2,629
New York	15,470	14,657	251,027	14,787	15,590	19,602
North Carolina	2,717	3,224	29,113	1,286	1,462	942
North Dakota	0	0	0	0	0	0
Ohio	716	797	14,798	411	493	377
Oklahoma	13,592	11,049	189,618	11,649	8,520	13,599
Oregon	7,672	8,063	75,141	6,586	7,787	8,201
Pennsylvania	6,330	4,183	40,780	2,841	2,311	3,390
Rhode Island	2,687	3,607	40,180	2,724	3,882	3,356
South Carolina	1,789	1,857	16,468	443	233	302
South Dakota	31	103	1,743	57	91	95
Tennessee	49	197	2,896	40	55	53
Texas	88,653	88,895	1,416,030	85,269	88,348	104,675
Utah	492	434	15,164	451	428	1,195
Vermont	3	1	30	3	5	4
Virginia	4,425	3,626	32,376	2,259	3,295	1,496
Washington	5,823	5,808	53,868	3,686	5,287	5,377
West Virginia	71	51	2,064	151	169	101
Wisconsin	1,254	2,081	21,114	1,762	1,093	1,299
Wyoming	175	196	2,323	38	58	104
Total	355,793	341,817	4,929,240	329,373	337,644	391,473

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					
	September	August	July	June	May	April
Alabama	7,106	17,406	12,592	7,511	4,608	5,840
Alaska	2,847	3,108	3,133	2,911	2,615	2,712
Arizona	16,335	21,021	20,481	11,981	8,701	9,405
Arkansas	2,344	3,824	3,558	1,742	2,887	2,838
California	66,607	76,282	81,897	43,102	37,310	35,140
Colorado	6,030	9,322	8,567	4,998	6,022	4,519
Connecticut	4,126	4,588	3,890	2,870	3,254	3,505
Delaware	1,088	2,041	2,160	856	356	943
District of Columbia	0	0	0	0	0	0
Florida	51,628	51,497	52,649	46,957	50,704	39,940
Georgia	2,853	8,657	6,283	2,895	2,488	4,279
Hawaii	0	0	0	0	0	0
Idaho	140	332	612	169	137	103
Illinois	1,572	10,506	5,353	2,534	1,492	1,870
Indiana	2,414	4,879	3,030	2,194	2,759	935
Iowa	277	1,049	576	219	246	280
Kansas	866	4,054	3,052	1,196	922	780
Kentucky	159	958	464	160	302	189
Louisiana	18,449	28,714	27,217	20,293	18,727	15,679
Maine	6,104	6,674	6,861	5,255	4,141	4,923
Maryland	3,560	4,197	4,403	1,800	1,293	642
Massachusetts	16,941	19,232	21,092	15,276	12,129	10,988
Michigan	6,850	15,717	9,192	6,556	7,188	6,955
Minnesota	1,836	4,438	2,632	1,049	554	1,159
Mississippi	7,555	10,394	10,704	8,757	8,162	8,307
Missouri	749	5,568	5,293	1,267	1,285	2,399
Montana	11	63	26	37	11	2
Nebraska	224	1,386	1,436	424	194	261
Nevada	11,291	13,694	13,860	9,886	7,153	6,409
New Hampshire	0	0	0	0	0	0
New Jersey	10,771	16,861	15,790	8,331	8,598	8,284
New Mexico	3,229	5,356	4,814	3,535	3,293	2,349
New York	21,878	36,973	32,144	20,838	16,880	17,698
North Carolina	3,466	5,040	4,731	657	3,141	2,192
North Dakota	0	0	0	0	0	0
Ohio	752	6,755	1,492	813	639	1,089
Oklahoma	16,458	32,630	32,405	16,264	14,044	11,659
Oregon	9,441	9,077	9,294	3,209	1,623	2,085
Pennsylvania	2,891	9,027	6,441	3,270	2,207	2,470
Rhode Island	3,931	4,397	4,808	3,167	1,848	1,764
South Carolina	652	4,276	2,703	1,352	1,202	1,437
South Dakota	158	486	477	205	10	66
Tennessee	73	403	112	131	27	639
Texas	109,050	173,402	165,419	141,088	137,715	101,148
Utah	1,344	2,224	2,308	1,342	1,108	1,773
Vermont	3	3	2	2	3	2
Virginia	2,164	6,257	4,787	1,260	827	3,237
Washington	6,647	6,766	6,883	1,042	1,068	1,846
West Virginia	201	602	284	144	95	140
Wisconsin	1,117	3,660	2,421	1,225	1,053	1,793
Wyoming	99	292	326	55	82	238
Total	434,285	654,087	608,655	410,827	381,098	332,912

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			2002		
	March	February	January	Total	December	November
Alabama	4,377	5,320	9,717	112,403	5,608	5,415
Alaska	2,888	2,715	3,365	31,704	3,118	2,605
Arizona	11,626	8,703	2,497	145,346	12,131	11,510
Arkansas	2,337	2,973	2,366	42,430	1,288	1,415
California	52,522	51,396	52,248	726,627	57,695	52,006
Colorado	5,772	5,472	5,206	78,171	6,190	5,672
Connecticut	4,261	2,098	2,509	65,060	4,227	4,165
Delaware	952	353	456	17,460	329	269
District of Columbia	0	0	0	0	0	0
Florida	42,010	28,404	30,425	521,868	30,983	35,484
Georgia	884	801	3,127	56,588	1,354	849
Hawaii	0	0	0	0	0	0
Idaho	121	121	150	2,720	125	98
Illinois	2,574	2,829	3,048	81,867	1,418	1,013
Indiana	1,959	1,729	1,459	35,104	1,962	2,010
Iowa	296	330	277	5,250	229	264
Kansas	1,037	730	827	21,389	672	781
Kentucky	153	174	627	13,712	251	261
Louisiana	13,374	13,630	17,244	323,804	14,750	16,204
Maine	4,329	3,613	6,632	90,769	7,498	7,749
Maryland	334	572	662	22,273	932	769
Massachusetts	10,899	9,733	9,128	128,852	11,339	9,628
Michigan	7,428	9,741	11,477	146,133	9,403	7,328
Minnesota	731	1,045	1,129	13,181	629	605
Mississippi	6,983	8,169	12,494	163,664	7,909	6,416
Missouri	817	661	1,589	29,911	418	576
Montana	21	20	7	116	4	1
Nebraska	125	161	125	4,947	145	175
Nevada	7,538	7,017	7,294	109,605	8,707	9,317
New Hampshire	0	0	0	1,096	103	0
New Jersey	7,062	8,118	8,552	160,363	11,476	11,207
New Mexico	2,838	2,704	2,197	37,324	2,431	2,430
New York	20,318	15,316	19,004	365,705	21,361	23,132
North Carolina	1,332	1,758	3,107	31,877	1,315	413
North Dakota	0	0	0	1	0	0
Ohio	1,077	348	552	22,722	428	410
Oklahoma	10,129	11,557	10,705	194,770	7,817	7,041
Oregon	4,356	5,636	7,847	55,854	5,541	5,330
Pennsylvania	2,712	1,624	1,597	50,251	2,064	2,284
Rhode Island	2,853	3,083	4,367	53,965	5,121	5,812
South Carolina	413	816	2,639	36,710	279	396
South Dakota	18	51	27	1,265	25	12
Tennessee	264	116	983	2,596	281	77
Texas	102,071	99,744	108,101	1,550,292	101,970	103,613
Utah	1,372	754	865	15,439	1,239	1,065
Vermont	1	1	1	37	3	4
Virginia	2,461	959	3,374	34,936	1,963	659
Washington	5,177	5,146	4,943	39,552	5,690	3,821
West Virginia	76	36	67	1,885	45	73
Wisconsin	1,900	2,106	1,686	20,541	1,336	1,028
Wyoming	254	418	358	3,764	320	217
Total	353,032	328,801	367,051	5,671,897	360,123	351,612

^R Revised Data.

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		
				May	April	March
Alabama	156,417	141,935	150,672	25,881	^R 26,720	30,782
Alaska	64,064	57,722	55,147	10,428	^R 13,032	13,696
Arizona	107,383	86,190	87,069	21,755	^R 16,520	20,628
Arkansas	106,214	110,079	106,456	14,467	^R 17,020	^R 22,591
California	962,387	NA	934,555	163,531	^R 174,601	191,987
Colorado	176,295	179,557	194,658	23,328	^R 28,875	31,365
Connecticut	81,936	79,106	81,591	11,629	^R 13,715	16,285
Delaware	24,477	NA	21,625	3,813	^R 3,425	4,661
District of Columbia	NA	18,978	16,397	1,250	NA	NA
Florida	264,180	NA	260,859	61,000	^R 52,613	50,111
Georgia	197,209	175,548	161,680	29,145	^R 30,704	^R 33,713
Hawaii	NA	1,179	1,147	221	NA	NA
Idaho	31,199	30,363	35,307	3,562	^R 4,518	6,211
Illinois	521,752	550,234	528,200	46,838	^R 68,555	105,431
Indiana	272,036	271,398	260,965	30,800	^R 38,161	52,467
Iowa	113,866	118,406	111,402	11,634	^R 15,644	22,971
Kansas	110,208	123,218	109,754	13,392	^R 15,378	22,019
Kentucky	109,845	109,074	100,366	12,316	^R 15,763	21,629
Louisiana	435,751	430,474	488,028	82,897	^R 77,953	90,342
Maine	33,609	28,441	42,723	6,475	^R 6,673	6,870
Maryland	NA	107,526	89,072	NA	^R 14,355	20,370
Massachusetts	214,021	207,935	183,021	26,629	^R 42,337	43,215
Michigan	494,285	519,895	483,794	53,982	^R 75,842	101,273
Minnesota	183,492	188,722	178,709	17,706	^R 24,860	36,961
Mississippi	103,456	117,954	135,274	19,961	^R 17,745	20,636
Missouri	149,970	154,128	149,114	15,339	^R 20,364	30,104
Montana	28,244	28,454	31,782	3,258	^R 3,881	5,475
Nebraska	59,243	59,542	60,212	6,159	^R 8,107	12,076
Nevada	76,892	71,137	74,427	12,770	^R 11,371	14,435
New Hampshire	NA	NA	12,932	NA	^R 1,731	^R 3,000
New Jersey	326,899	329,624	282,884	38,799	^R 51,839	^R 64,136
New Mexico	59,758	57,351	61,342	8,704	^R 8,684	12,712
New York	522,522	585,870	551,920	64,687	^R 87,073	107,283
North Carolina	125,393	119,461	106,010	18,129	^R 17,707	^R 24,358
North Dakota	19,400	18,711	21,752	2,045	^R 2,956	3,987
Ohio	452,486	474,554	421,435	43,699	^R 65,612	91,830
Oklahoma	195,023	182,391	192,253	34,673	^R 33,589	38,042
Oregon	101,314	87,245	96,080	14,324	^R 16,462	19,681
Pennsylvania	367,135	366,481	317,048	42,091	^R 55,058	73,848
Rhode Island	37,580	37,292	40,171	5,868	^R 6,325	6,546
South Carolina	73,725	71,108	84,883	11,799	^R 11,046	14,165
South Dakota	18,313	19,461	15,438	1,825	^R 2,450	^R 3,588
Tennessee	124,677	141,215	129,526	14,153	^R 18,280	^R 25,270
Texas	1,424,390	1,509,632	1,652,882	281,534	^R 261,115	278,976
Utah	65,716	62,702	68,119	6,908	^R 9,127	10,390
Vermont	4,981	4,852	4,620	521	^R 835	^R 1,079
Virginia	140,021	129,656	110,690	16,375	^R 24,001	24,567
Washington	NA	114,233	119,979	NA	^R 11,405	22,234
West Virginia	NA	NA	52,227	NA	^R 9,330	11,487
Wisconsin	201,744	214,011	198,536	21,134	^R 27,473	^R 40,778
Wyoming	31,356	32,608	32,584	4,730	^R 5,503	6,172
Total	9,680,801	9,777,231	9,713,500	1,394,705	^R1,570,376	^R1,917,508

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	2004		2003			
	February	January	Total	December	November	October
Alabama	35,466	37,567	309,075	28,901	19,705	18,112
Alaska	12,781	14,127	NA	NA	11,949	NA
Arizona	25,986	22,494	^R 218,165	16,421	12,115	16,138
Arkansas	26,548	25,589	211,123	19,993	15,242	14,544
California	213,462	218,806	NA	208,329	174,165	168,114
Colorado	45,154	47,574	372,900	47,794	39,492	21,212
Connecticut	20,227	20,081	153,268	16,887	13,223	10,239
Delaware	5,659	6,920	NA	4,993	3,677	3,023
District of Columbia	4,686	6,329	33,192	4,981	2,769	2,021
Florida	49,490	50,966	NA	50,281	55,678	NA
Georgia	^R 50,186	^R 53,461	363,198	47,890	28,363	23,344
Hawaii	230	243	2,738	239	216	218
Idaho	7,965	8,942	57,993	7,031	5,356	3,380
Illinois	136,354	164,574	988,410	126,937	89,625	60,145
Indiana	69,946	80,662	522,473	64,429	46,655	35,153
Iowa	30,998	32,619	219,332	26,503	20,426	13,547
Kansas	29,212	30,206	234,468	25,856	16,093	13,192
Kentucky	27,509	32,628	^R 206,286	27,285	16,979	13,377
Louisiana	91,905	92,654	NA	90,075	78,971	77,940
Maine	7,300	6,291	NA	NA	^R 6,785	NA
Maryland	26,819	33,331	204,588	26,948	16,058	14,063
Massachusetts	51,015	50,825	NA	NA	30,230	36,132
Michigan	126,686	136,501	890,291	99,743	70,166	50,408
Minnesota	45,911	58,054	353,472	46,227	36,190	22,901
Mississippi	23,639	21,475	245,764	22,051	16,729	14,964
Missouri	43,004	41,160	262,238	30,720	17,597	11,129
Montana	6,887	8,743	53,643	7,110	5,905	3,241
Nebraska	16,385	16,516	114,111	13,082	8,867	6,845
Nevada	19,148	19,168	179,666	18,478	14,442	14,037
New Hampshire	^R 4,063	^R 3,730	NA	NA	1,942	1,435
New Jersey	^R 84,092	^R 88,033	NA	74,059	46,327	NA
New Mexico	14,797	14,861	115,029	12,574	7,793	6,177
New York	132,616	130,862	1,066,901	103,331	74,080	61,427
North Carolina	31,847	33,352	NA	28,502	18,190	NA
North Dakota	4,504	5,908	NA	NA	3,982	2,275
Ohio	115,979	135,366	828,529	103,296	63,917	50,661
Oklahoma	45,332	43,386	419,865	37,835	25,108	27,521
Oregon	24,084	26,762	206,392	22,165	19,254	16,606
Pennsylvania	95,571	100,567	650,626	77,988	47,523	39,900
Rhode Island	9,484	9,358	75,804	6,285	6,472	4,709
South Carolina	18,607	18,107	141,013	13,886	9,550	8,397
South Dakota	4,947	5,503	36,476	4,459	3,716	2,054
Tennessee	33,016	33,957	247,212	27,584	16,098	13,599
Texas	295,826	306,938	3,629,897	285,289	258,544	276,124
Utah	17,772	21,518	125,806	16,584	13,370	8,002
Vermont	1,388	1,158	8,394	1,030	709	503
Virginia	34,442	40,637	250,865	33,209	21,302	15,277
Washington	28,289	32,854	238,901	27,398	23,156	16,732
West Virginia	14,939	14,561	NA	NA	8,091	7,209
Wisconsin	^R 48,268	^R 64,090	387,847	47,431	36,643	24,663
Wyoming	7,280	7,671	67,612	7,265	5,454	5,111
Total	^R2,319,041	^R2,479,170	^R20,195,291	2,088,529	^R1,586,153	1,388,700

See footnotes at end of table.

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

State	2003					
	September	August	July	June	May	April
Alabama	20,780	31,555	26,958	21,129	20,106	23,056
Alaska	11,230	11,338	11,043	11,038	11,086	12,044
Arizona	20,380	25,289	^R 24,866	^R 16,767	^R 14,594	^R 16,651
Arkansas	12,431	13,200	12,885	12,749	15,240	18,188
California	168,841	175,623	180,450	144,778	148,903	156,670
Colorado	20,621	22,770	22,686	18,769	25,031	25,481
Connecticut	7,968	9,277	8,573	7,995	9,924	13,700
Delaware	2,797	3,569	3,578	2,477	2,132	3,532
District of Columbia	875	1,285	1,131	1,151	1,600	2,552
Florida	NA	62,826	^R 62,977	56,995	61,734	51,239
Georgia	19,923	25,841	23,277	19,011	20,972	27,156
Hawaii	224	219	225	219	227	229
Idaho	2,942	2,588	3,037	3,294	4,393	5,279
Illinois	39,492	44,457	39,228	38,293	47,025	74,433
Indiana	27,199	27,237	24,850	25,553	31,552	36,363
Iowa	10,495	10,002	9,837	10,116	12,407	16,839
Kansas	13,750	15,318	15,602	11,439	13,400	17,147
Kentucky	10,407	10,337	9,498	9,328	10,800	^R 14,032
Louisiana	79,004	NA	86,692	72,508	82,280	81,337
Maine	6,562	7,115	7,331	5,722	4,625	5,704
Maryland	10,003	10,538	10,672	8,779	10,660	15,597
Massachusetts	NA	NA	31,777	28,714	30,121	35,961
Michigan	33,443	42,904	35,974	37,757	53,996	78,714
Minnesota	14,887	16,216	15,422	12,906	18,222	26,556
Mississippi	16,673	19,159	19,723	18,510	17,826	19,426
Missouri	10,011	14,862	13,066	10,724	13,549	21,355
Montana	2,162	2,005	2,040	2,726	3,510	4,676
Nebraska	5,970	7,599	7,711	4,496	6,198	8,716
Nevada	14,451	16,693	17,093	13,335	11,982	12,372
New Hampshire	1,024	1,062	1,015	1,151	1,753	2,472
New Jersey	28,882	34,349	34,512	27,686	36,842	51,815
New Mexico	7,011	8,443	8,274	7,408	8,378	9,674
New York	53,732	68,888	63,775	55,797	68,629	94,890
North Carolina	13,258	14,423	13,452	9,505	14,748	17,621
North Dakota	1,725	1,079	1,278	1,612	2,036	2,494
Ohio	32,763	37,525	32,689	33,125	44,851	66,456
Oklahoma	28,792	45,441	44,895	27,880	28,176	30,719
Oregon	17,044	16,311	16,593	11,174	12,177	13,903
Pennsylvania	26,315	32,979	30,318	29,122	36,041	53,733
Rhode Island	4,891	5,423	5,830	4,902	4,332	5,488
South Carolina	8,274	11,739	9,850	8,209	9,787	11,868
South Dakota	1,575	1,738	1,790	1,684	1,900	2,898
Tennessee	11,813	11,812	11,518	13,573	14,980	19,102
Texas	278,798	365,651	366,658	289,201	298,271	266,873
Utah	6,382	6,496	6,470	5,801	7,111	10,773
Vermont	326	313	294	368	540	907
Virginia	11,332	14,452	13,965	11,674	13,811	18,102
Washington	15,679	14,991	15,310	11,402	14,881	19,244
West Virginia	5,577	5,613	5,025	5,021	5,928	7,610
Wisconsin	16,556	17,273	15,653	15,617	20,871	31,961
Wyoming	4,406	4,200	4,142	4,427	5,020	5,811
Total	1,248,894	1,468,089	^R1,432,815	^R1,204,880	^R1,356,465	^R1,570,682

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	2003			2002		
	March	February	January	Total	December	November
Alabama	25,944	33,643	39,186	340,925	30,757	22,608
Alaska	12,067	10,442	12,083	129,292	11,621	10,291
Arizona	^R 21,442	^R 18,432	^R 15,070	230,374	21,648	17,704
Arkansas	22,714	27,068	26,870	233,046	21,567	17,770
California	186,419	NA	NA	2,218,924	208,568	170,370
Colorado	38,175	46,928	43,941	409,504	47,234	39,239
Connecticut	17,189	18,502	19,791	175,072	18,625	14,214
Delaware	4,884	5,644	NA	52,167	5,597	3,936
District of Columbia	3,730	5,133	5,963	32,656	5,436	3,889
Florida	54,053	NA	NA	691,075	46,289	48,749
Georgia	30,105	41,259	56,056	375,567	47,106	32,829
Hawaii	235	237	251	2,734	236	227
Idaho	6,477	6,728	7,486	65,040	6,958	5,909
Illinois	114,277	146,910	167,588	1,036,437	131,692	100,924
Indiana	52,582	70,309	80,592	533,754	68,056	49,556
Iowa	25,407	32,393	31,359	215,466	27,222	22,217
Kansas	27,426	31,533	33,713	239,044	26,326	21,903
Kentucky	^R 20,612	28,947	34,682	210,263	27,491	20,911
Louisiana	82,972	85,280	98,605	1,194,118	102,323	96,945
Maine	5,370	4,748	7,994	100,659	8,845	8,866
Maryland	21,162	28,458	31,650	193,766	28,827	20,408
Massachusetts	44,541	48,779	48,533	388,972	45,435	31,958
Michigan	112,669	134,058	140,458	926,300	114,382	82,091
Minnesota	39,308	50,689	53,948	348,523	45,016	37,198
Mississippi	21,527	26,678	32,498	312,237	24,434	18,427
Missouri	33,907	42,745	42,572	272,700	32,800	22,911
Montana	6,693	6,964	6,610	58,451	6,147	5,929
Nebraska	13,447	15,394	15,788	117,429	13,269	9,753
Nevada	15,123	14,933	16,728	175,739	16,521	14,840
New Hampshire	3,335	NA	NA	24,841	3,507	1,847
New Jersey	69,160	84,391	87,415	597,158	78,844	53,058
New Mexico	12,380	12,971	13,947	122,917	12,618	9,245
New York	131,398	147,259	143,694	1,190,745	130,678	106,098
North Carolina	21,962	31,055	34,075	229,338	27,257	19,024
North Dakota	4,145	4,580	5,456	42,569	4,743	3,908
Ohio	101,558	125,221	136,468	815,051	108,901	76,391
Oklahoma	38,040	41,806	43,650	429,141	34,573	27,196
Oregon	18,136	19,516	23,513	193,006	20,005	16,780
Pennsylvania	79,168	96,053	101,485	631,111	83,789	58,460
Rhode Island	8,281	9,205	9,988	87,472	9,553	8,981
South Carolina	12,536	17,228	19,689	184,422	16,473	12,517
South Dakota	4,339	5,034	5,290	28,379	3,603	3,233
Tennessee	28,223	37,896	41,014	243,955	31,835	20,337
Texas	296,290	312,106	336,092	3,963,152	304,910	278,785
Utah	12,948	15,982	15,888	135,699	16,447	13,814
Vermont	1,062	1,191	1,153	8,353	1,003	803
Virginia	25,646	32,215	39,882	247,351	32,089	22,349
Washington	26,029	26,198	27,881	227,360	25,818	20,551
West Virginia	NA	14,547	15,104	103,081	12,944	10,007
Wisconsin	44,050	55,305	61,823	381,498	49,912	39,330
Wyoming	7,054	7,094	7,630	69,633	7,441	6,741
Total	^R2,017,689	^R2,326,848	^R2,505,547	21,236,462	2,208,643	1,763,258

^R 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				
				May	April	March	February	January
Alabama	6.27	5.63	4.66	6.50	6.54	6.14	6.22	6.23
Alaska	3.11	2.32	2.41	2.97	3.23	3.05	3.50	2.89
Arizona	5.34	4.66	3.51	5.39	5.16	5.35	5.31	5.44
Arkansas	6.65	5.47	5.11	6.88	7.12	6.50	6.55	6.60
California	5.50	5.34	2.95	5.83	5.22	5.04	5.44	5.80
Colorado	5.35	4.31	2.84	5.38	5.13	5.22	5.62	5.27
Connecticut	6.93	6.46	6.09	8.27	6.82	6.64	6.64	7.07
Delaware	5.94	6.22	5.06	5.85	5.75	5.57	5.84	6.32
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.31	6.02	3.58	6.57	6.29	6.02	6.21	6.40
Georgia	6.47	6.54	3.71	6.76	6.35	5.76	6.31	6.93
Hawaii	9.49	8.83	6.34	10.30	9.85	9.06	9.25	9.05
Idaho	5.25	3.75	3.59	5.42	5.03	5.78	5.03	5.25
Illinois	6.33	6.28	3.41	7.07	6.45	6.48	6.11	6.14
Indiana	6.38	6.20	3.46	7.75	6.51	6.41	6.12	6.24
Iowa	6.61	6.32	3.63	7.19	6.63	6.47	6.43	6.74
Kansas	6.44	6.28	3.99	6.62	6.21	6.32	6.59	6.43
Kentucky	7.11	5.80	4.42	6.89	7.74	7.04	7.16	6.96
Louisiana	6.25	NA	3.64	6.39	5.87	5.77	6.03	7.07
Maine	9.79	7.08	6.29	7.57	9.60	9.84	9.94	10.28
Maryland	7.26	6.93	4.51	8.62	7.08	7.02	7.29	7.30
Massachusetts	7.57	7.70	4.26	9.37	7.51	6.53	8.00	7.62
Michigan	6.08	5.21	4.30	6.22	6.02	5.78	6.08	6.27
Minnesota	6.22	6.10	3.58	6.37	6.13	6.52	6.69	5.66
Mississippi	6.16	NA	3.96	6.31	6.11	6.55	6.03	6.08
Missouri	6.50	5.86	4.08	7.93	6.80	6.48	6.31	6.35
Montana	6.23	5.08	2.85	6.54	6.16	6.05	6.21	6.32
Nebraska	6.41	5.76	3.81	6.71	6.24	6.30	6.51	6.38
Nevada	6.61	5.30	4.26	6.57	6.20	6.94	6.51	6.70
New Hampshire	NA	NA	4.03	NA	NA	RS.28	RS.59	RS.95
New Jersey	7.47	7.06	4.74	7.71	7.40	7.23	7.53	7.55
New Mexico	5.08	4.95	2.51	5.06	4.76	4.62	5.22	5.40
New York	6.22	5.90	3.83	6.06	5.63	5.73	6.38	6.80
North Carolina	6.77	6.84	4.03	7.72	6.91	6.54	6.75	6.56
North Dakota	6.38	5.52	3.42	6.99	6.07	6.25	6.61	6.23
Ohio	NA	7.10	4.57	NA	9.58	8.34	7.24	6.52
Oklahoma	6.38	5.67	4.04	6.11	6.82	6.31	6.48	6.21
Oregon	5.41	4.63	5.14	5.62	5.13	5.67	5.47	5.28
Pennsylvania	7.09	6.31	5.07	7.65	7.79	7.42	7.03	6.66
Rhode Island	6.86	6.15	4.42	7.30	7.99	6.15	5.94	7.40
South Carolina	7.02	6.77	4.75	7.83	7.07	6.84	6.88	6.98
South Dakota	6.46	6.23	4.10	6.98	6.94	6.59	6.36	6.18
Tennessee	6.45	6.07	4.02	6.61	6.37	6.45	6.58	6.34
Texas	5.73	5.91	3.52	5.59	5.88	5.25	5.61	6.03
Utah	5.43	4.51	4.21	5.69	5.43	5.12	5.48	5.49
Vermont	4.60	5.25	4.98	5.79	5.32	4.22	4.53	4.24
Virginia	7.02	6.39	4.00	7.44	7.19	6.78	6.93	7.06
Washington	NA	5.06	3.58	NA	NA	4.75	5.39	NA
West Virginia	6.46	5.47	4.00	7.42	6.46	6.55	6.41	6.33
Wisconsin	6.28	6.19	3.79	6.91	6.18	6.08	6.33	6.26
Wyoming	5.75	2.44	3.82	6.33	5.84	5.62	5.86	5.48
Total	6.36	5.99	3.89	6.56	6.33	6.22	6.34	6.40

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	Total	December	November	October	September	August	July	June
Alabama	6.07	6.29	6.57	6.49	5.01	6.91	8.50	8.39
Alaska	2.33	2.33	2.37	2.34	2.35	2.57	2.12	2.14
Arizona	4.87	5.32	5.08	4.74	4.88	4.84	5.06	5.17
Arkansas	6.07	6.72	7.35	7.46	7.26	7.27	6.46	6.99
California	5.20	4.76	4.72	4.83	5.32	5.19	4.85	6.63
Colorado	4.11	4.67	4.35	3.62	4.43	2.79	3.12	2.18
Connecticut	5.59	4.89	4.71	4.80	3.55	4.85	4.77	5.53
Delaware	5.88	5.62	5.20	4.94	5.27	5.04	5.40	5.92
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.87	6.25	5.69	5.28	5.28	5.44	5.73	6.48
Georgia	6.24	6.25	5.85	5.56	5.51	5.27	5.97	6.48
Hawaii	8.63	8.19	8.52	8.58	8.79	8.37	7.97	8.96
Idaho	4.27	4.97	4.68	4.23	4.49	4.81	5.62	6.82
Illinois	5.97	6.08	5.72	5.00	5.16	5.02	5.20	6.11
Indiana	6.19	6.13	5.69	5.75	6.01	6.38	7.57	7.15
Iowa	6.19	6.42	5.39	4.96	5.95	6.38	7.23	7.00
Kansas	6.00	5.66	5.12	5.29	5.55	6.06	6.32	6.75
Kentucky	6.11	6.83	6.36	6.25	6.18	6.15	6.13	6.78
Louisiana	NA	5.84	5.36	5.11	5.29	5.11	5.69	6.25
Maine	7.45	9.08	9.88	9.42	7.53	9.39	4.75	5.01
Maryland	6.88	6.60	6.58	6.60	7.24	5.99	7.45	8.48
Massachusetts	NA	NA	6.59	6.30	6.64	6.85	7.87	9.31
Michigan	5.32	5.50	5.38	5.13	5.26	5.26	5.48	5.80
Minnesota	6.05	6.85	5.98	5.02	5.35	5.65	5.98	5.55
Mississippi	NA	6.08	5.49	5.63	6.24	5.51	6.40	6.81
Missouri	6.10	5.87	5.96	6.48	7.56	8.27	7.61	8.45
Montana	5.04	5.13	4.74	4.89	4.73	4.83	5.27	5.35
Nebraska	5.70	5.68	5.31	5.63	5.73	5.61	5.89	5.82
Nevada	5.67	6.46	5.62	5.79	5.92	5.52	5.90	6.48
New Hampshire	NA	NA	8.43	7.30	6.85	8.77	7.17	6.86
New Jersey	^R 7.13	7.22	^R 6.91	^R 6.85	7.39	7.16	7.88	7.87
New Mexico	4.78	4.84	4.44	4.63	4.45	4.12	4.53	4.70
New York	5.61	5.52	5.46	4.90	5.06	4.81	5.06	5.74
North Carolina	6.80	6.17	6.90	6.46	7.11	7.05	7.51	8.07
North Dakota	5.78	6.36	5.57	5.55	5.29	7.27	7.79	7.05
Ohio	6.64	5.68	6.41	5.73	5.24	5.14	11.95	7.99
Oklahoma	5.80	6.17	6.36	5.42	5.36	5.53	5.33	5.90
Oregon	5.19	5.51	5.20	5.40	6.02	6.00	8.43	6.18
Pennsylvania	6.51	6.51	6.30	6.00	7.46	7.24	8.02	8.78
Rhode Island	6.94	6.59	6.24	7.10	11.81	12.76	12.64	11.59
South Carolina	6.70	6.27	6.23	6.08	6.87	6.67	7.38	7.94
South Dakota	6.07	6.23	4.97	4.89	5.58	6.29	8.00	7.32
Tennessee	5.95	6.25	5.64	5.31	5.55	5.45	5.68	6.32
Texas	5.57	5.67	4.90	4.61	5.07	5.02	5.30	6.02
Utah	4.74	5.55	4.50	3.57	5.98	5.82	5.94	4.39
Vermont	5.17	5.15	4.84	5.44	5.69	4.40	4.72	4.98
Virginia	6.60	6.60	6.23	6.54	8.54	7.94	7.04	7.77
Washington	5.07	5.10	4.59	4.87	6.22	5.66	6.15	6.22
West Virginia	5.77	5.64	5.91	6.21	6.05	6.18	6.80	6.65
Wisconsin	6.19	5.80	5.40	5.64	7.28	7.12	7.98	8.27
Wyoming	2.52	3.85	4.38	2.30	1.76	1.49	1.48	1.53
Total	5.86	5.90	^R5.55	^R5.30	5.58	5.50	5.82	6.40

See footnotes at end of table.

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

State	2003					2002		
	May	April	March	February	January	Total	December	November
Alabama	6.76	6.04	7.55	5.19	4.66	4.74	4.57	4.97
Alaska	2.37	2.36	2.30	2.22	2.35	2.36	2.44	2.46
Arizona	4.78	4.22	5.21	4.74	4.32	3.77	4.12	3.92
Arkansas	6.94	5.25	5.00	5.72	5.49	5.17	5.41	5.21
California	5.05	4.75	6.68	4.89	4.80	3.20	4.31	4.04
Colorado	5.76	4.21	4.90	3.93	3.62	2.72	3.28	3.01
Connecticut	5.58	5.26	7.49	5.89	7.33	6.42	6.55	6.48
Delaware	5.31	5.36	8.66	6.13	5.36	5.37	4.38	9.84
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.80	5.86	7.20	5.83	5.49	3.90	4.83	4.74
Georgia	6.45	6.07	8.66	6.46	5.88	4.55	5.36	5.67
Hawaii	9.53	9.84	8.72	8.30	7.89	7.17	7.90	8.20
Idaho	4.78	4.12	4.28	3.20	3.29	3.66	3.10	3.11
Illinois	5.68	5.12	8.69	6.55	5.34	3.68	3.10	4.51
Indiana	5.74	5.96	8.14	6.21	5.31	3.58	4.10	4.31
Iowa	6.37	6.96	8.15	5.83	5.30	4.16	5.11	4.79
Kansas	5.95	6.30	8.61	5.67	5.33	4.12	5.25	5.07
Kentucky	6.07	6.78	7.30	5.71	4.98	4.45	4.72	4.71
Louisiana	5.68	4.49	NA	NA	5.51	4.07	5.31	5.02
Maine	6.08	4.39	8.85	8.01	7.82	6.74	6.87	8.04
Maryland	6.98	6.83	8.93	6.90	5.92	4.94	5.47	5.24
Massachusetts	6.67	7.05	10.15	7.17	7.16	5.20	5.87	5.34
Michigan	5.21	4.95	6.58	4.86	4.38	4.10	4.18	4.11
Minnesota	5.06	5.56	8.48	5.89	5.09	4.03	5.08	4.91
Mississippi	5.77	5.81	NA	5.97	5.24	4.22	4.79	4.93
Missouri	7.12	6.18	8.39	5.22	4.75	4.56	4.78	4.92
Montana	4.94	4.68	6.17	5.18	4.61	2.98	4.82	3.70
Nebraska	6.42	6.16	7.38	5.19	4.78	4.09	4.88	4.59
Nevada	6.48	6.72	6.65	4.09	4.04	4.39	4.68	4.45
New Hampshire	5.95	NA	8.42	NA	NA	4.38	5.94	4.18
New Jersey	7.10	7.01	9.29	6.61	6.08	5.33	5.87	5.96
New Mexico	4.04	4.23	5.70	5.34	4.62	2.91	4.04	3.58
New York	5.71	5.46	7.25	5.78	5.41	3.90	5.21	4.63
North Carolina	7.34	7.17	9.58	6.24	5.67	4.52	5.20	5.15
North Dakota	5.47	5.00	7.00	5.21	4.89	3.68	5.38	4.42
Ohio	5.49	9.74	8.51	7.05	6.01	4.68	5.00	4.86
Oklahoma	6.04	5.45	7.81	5.30	4.84	4.24	4.72	4.93
Oregon	5.19	4.97	4.25	4.37	4.64	5.25	4.69	4.76
Pennsylvania	7.01	6.89	7.72	6.13	5.44	5.20	5.20	5.12
Rhode Island	8.31	6.44	8.98	5.98	4.35	5.01	4.47	5.11
South Carolina	7.06	6.66	9.45	6.28	5.72	4.91	4.89	4.96
South Dakota	6.62	7.07	8.50	5.38	5.03	4.21	5.13	4.23
Tennessee	5.59	5.63	7.68	6.14	5.45	4.13	4.80	4.54
Texas	4.87	5.03	7.54	6.13	5.52	3.86	4.65	4.55
Utah	3.62	3.76	4.32	5.12	4.97	4.07	4.56	3.81
Vermont	5.30	5.17	4.73	5.52	5.43	4.85	4.54	4.30
Virginia	7.85	6.92	6.69	6.56	5.65	4.64	5.52	4.73
Washington	5.35	4.82	6.44	4.48	4.48	3.83	4.24	4.45
West Virginia	5.83	5.92	6.15	4.86	5.09	4.28	3.84	4.63
Wisconsin	6.74	6.11	8.36	5.73	5.03	4.36	4.90	5.01
Wyoming	2.01	1.90	2.98	2.59	2.47	2.87	2.51	2.04
Total	5.67	5.61	7.60	5.86	5.31	4.12	4.74	4.65

^R 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				
				May	April	March	February	January
Alabama	12.16	10.64	10.01	15.16	13.73	12.34	11.49	11.58
Alaska	4.68	4.32	4.50	5.11	4.82	4.67	4.66	4.51
Arizona	11.24	10.36	11.60	14.58	13.35	11.29	10.60	10.36
Arkansas	10.66	9.31	8.94	14.06	11.79	10.70	9.98	10.20
California	9.45	9.09	6.78	9.36	8.35	8.78	9.94	9.96
Colorado	7.74	5.43	5.57	9.35	8.19	7.90	7.42	7.37
Connecticut	13.43	12.89	10.82	15.16	14.13	13.63	13.04	12.89
Delaware	NA	9.91	10.37	15.22	13.40	12.09	NA	9.89
District of Columbia	NA	12.77	10.78	NA	14.13	12.97	13.03	13.31
Florida	16.77	15.47	12.39	19.51	18.01	16.69	16.07	15.74
Georgia	12.38	11.29	9.44	17.03	14.81	13.68	11.65	11.05
Hawaii	25.83	25.40	23.34	26.84	25.83	25.92	25.79	24.85
Idaho	8.57	6.77	8.94	9.02	8.80	8.62	8.48	8.42
Illinois	8.67	8.32	5.45	11.06	9.45	8.08	8.37	8.60
Indiana	9.67	9.38	7.04	10.97	12.03	10.41	9.55	8.54
Iowa	9.19	8.75	6.00	12.41	10.21	9.62	8.59	8.57
Kansas	10.00	7.86	6.97	12.60	11.47	10.24	9.85	9.00
Kentucky	10.23	8.17	7.24	13.26	11.65	10.27	9.90	9.73
Louisiana	9.92	9.40	7.13	12.79	10.59	9.31	9.36	10.00
Maine	13.64	11.85	11.01	12.81	14.37	13.76	13.92	13.21
Maryland	11.35	10.30	9.19	15.70	12.09	11.14	10.86	11.01
Massachusetts	13.32	12.19	9.65	14.32	14.06	13.55	13.65	12.16
Michigan	7.80	6.58	6.06	8.95	8.22	7.64	7.70	7.52
Minnesota	8.83	8.40	6.11	10.15	8.48	8.25	9.09	8.81
Mississippi	9.85	NA	7.27	11.28	10.90	9.46	9.41	9.99
Missouri	10.03	8.46	7.33	12.22	10.75	10.06	9.73	9.56
Montana	8.64	6.26	5.36	9.83	9.15	8.74	8.56	8.13
Nebraska	8.19	7.44	5.57	10.01	8.60	8.00	8.05	7.90
Nevada	8.94	8.47	9.46	10.62	10.35	9.12	8.56	8.32
New Hampshire	NA	10.03	9.64	NA	NA	R13.21	R12.52	R12.23
New Jersey	11.16	7.83	6.96	11.85	R10.89	R11.20	R11.11	R11.19
New Mexico	8.54	7.77	6.68	10.88	10.18	8.54	8.17	7.53
New York	11.46	10.69	9.27	13.14	11.40	11.41	11.21	11.26
North Carolina	11.48	10.26	8.53	13.84	12.81	R11.46	10.92	11.26
North Dakota	8.10	7.00	4.91	9.26	8.28	8.19	8.22	7.63
Ohio	9.74	8.47	7.17	11.10	10.04	9.66	9.56	9.58
Oklahoma	9.41	7.80	7.53	11.86	11.10	9.45	8.88	8.81
Oregon	10.36	9.32	10.58	10.73	11.46	10.61	10.11	9.86
Pennsylvania	11.43	10.04	8.78	14.02	11.92	11.58	10.97	11.03
Rhode Island	12.43	11.09	11.45	13.32	12.67	12.51	12.10	12.31
South Carolina	11.69	11.25	9.35	13.57	12.21	11.15	11.57	11.73
South Dakota	8.78	8.12	6.43	10.61	9.30	9.48	8.28	8.23
Tennessee	9.64	9.43	7.69	11.47	9.60	9.44	9.49	9.59
Texas	9.21	8.56	6.63	12.44	10.97	9.54	8.42	8.61
Utah	7.60	6.75	6.23	8.17	7.57	8.54	7.38	7.31
Vermont	10.37	9.42	10.13	11.46	10.59	10.33	10.10	10.21
Virginia	12.51	11.24	9.25	17.36	13.58	12.21	12.61	11.64
Washington	NA	7.65	9.71	NA	NA	9.29	9.17	NA
West Virginia	10.17	7.90	8.19	11.69	10.59	10.27	10.03	9.74
Wisconsin	9.55	9.23	6.89	10.45	9.64	9.22	9.65	9.45
Wyoming	7.77	6.15	5.81	9.37	8.14	8.04	7.49	7.23
Total	10.03	8.97	7.43	11.60	R10.54	R9.97	R9.85	R9.70

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							
	Total	December	November	October	September	August	July	June
Alabama	11.76	12.27	15.45	15.17	17.07	16.78	12.81	16.56
Alaska	4.40	4.42	4.11	4.30	4.65	5.27	5.43	4.83
Arizona	11.39	10.65	12.90	14.52	16.47	16.16	15.55	14.26
Arkansas	10.33	10.32	12.22	14.84	16.07	16.25	15.97	15.82
California	9.17	9.06	8.70	9.35	9.65	9.62	9.84	9.53
Colorado	6.63	7.33	7.48	8.69	8.67	10.23	10.53	9.33
Connecticut	NA	12.61	13.04	14.07	12.34	NA	15.83	14.75
Delaware	10.52	10.98	10.24	11.99	15.11	14.89	13.92	13.47
District of Columbia	13.09	12.91	12.72	13.12	18.43	16.08	17.65	15.56
Florida	17.11	16.62	19.43	20.50	20.86	21.16	21.08	20.59
Georgia	11.96	10.20	11.93	14.17	17.50	18.20	16.80	17.61
Hawaii	25.16	24.89	25.96	25.88	25.73	22.10	25.09	25.30
Idaho	7.57	8.55	8.75	9.41	9.84	10.25	9.16	7.77
Illinois	8.64	7.91	8.42	9.02	11.20	12.16	12.82	12.21
Indiana	9.40	8.55	8.50	9.07	10.44	13.06	13.79	12.57
Iowa	9.25	9.09	8.40	9.55	13.97	13.76	15.20	13.78
Kansas	8.96	9.36	10.53	12.76	13.72	14.61	14.38	13.71
Kentucky	9.21	9.73	10.16	11.93	13.36	14.88	13.79	13.33
Louisiana	10.30	10.02	13.08	12.83	13.30	13.29	12.98	13.84
Maine	13.05	14.06	14.96	14.87	15.84	17.09	17.32	16.14
Maryland	10.99	10.97	11.48	11.75	15.27	15.89	14.27	14.49
Massachusetts	NA	NA	12.90	13.02	15.25	15.66	14.88	13.20
Michigan	7.26	7.66	7.86	8.65	10.50	11.08	10.43	9.37
Minnesota	8.53	8.44	8.08	8.20	10.01	10.07	10.52	11.42
Mississippi	NA	9.26	10.55	11.02	10.51	10.42	11.82	12.08
Missouri	9.49	9.70	10.94	13.09	14.86	15.96	15.37	13.48
Montana	7.08	7.68	7.72	8.62	9.81	10.77	10.25	8.03
Nebraska	7.81	7.38	7.68	9.55	10.89	11.16	11.17	9.88
Nevada	8.96	8.34	9.36	10.91	11.20	11.56	11.01	10.38
New Hampshire	NA	NA	13.25	14.07	17.86	17.41	18.24	15.55
New Jersey	NA	9.44	9.51	NA	9.79	9.44	9.31	8.84
New Mexico	8.37	7.45	8.88	11.24	11.93	12.95	12.74	10.97
New York	11.44	11.18	11.83	13.51	15.98	15.80	15.75	14.48
North Carolina	NA	10.85	14.47	NA	18.07	19.09	18.17	16.61
North Dakota	7.50	7.62	7.34	8.17	9.73	10.75	12.04	10.74
Ohio	9.07	9.44	9.74	10.17	11.91	12.02	11.77	11.50
Oklahoma	8.71	8.76	11.23	12.80	13.63	13.80	13.53	12.63
Oregon	9.84	10.15	10.52	11.67	11.96	12.07	11.51	10.08
Pennsylvania	10.86	11.03	11.66	12.43	16.12	16.25	15.92	14.00
Rhode Island	11.86	12.72	12.84	14.11	15.93	15.40	12.93	14.15
South Carolina	11.93	11.91	14.12	14.71	16.20	16.13	15.84	15.18
South Dakota	8.49	8.53	7.82	8.87	10.97	12.12	12.74	11.45
Tennessee	9.79	9.44	10.82	12.03	12.12	13.41	13.30	11.35
Texas	9.21	8.69	9.36	11.06	12.93	13.24	12.78	12.68
Utah	7.33	7.81	7.57	7.80	9.04	9.50	9.45	7.77
Vermont	10.05	10.43	10.91	11.68	13.23	13.44	13.07	11.69
Virginia	11.83	11.00	11.88	12.79	18.18	17.33	19.83	17.59
Washington	8.43	9.14	9.31	9.93	10.41	10.87	10.36	9.41
West Virginia	8.77	9.68	10.18	10.48	11.12	13.13	12.59	11.62
Wisconsin	9.28	8.95	8.75	8.70	10.57	11.47	11.45	11.29
Wyoming	7.19	7.63	7.60	8.69	9.64	11.96	12.79	9.28
Total	9.51	9.40	9.67	10.54	12.18	12.74	12.53	11.91

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					2002		
	May	April	March	February	January	Total	December	November
Alabama	15.49	14.03	11.18	9.56	9.40	10.53	9.41	11.43
Alaska	4.60	4.31	4.33	4.33	4.20	4.41	4.47	4.41
Arizona	12.34	11.12	10.24	10.18	9.65	12.11	10.33	12.36
Arkansas	14.37	11.83	9.42	8.27	8.35	8.95	8.66	8.30
California	9.05	9.26	9.53	8.83	8.87	7.11	7.75	7.89
Colorado	8.24	7.39	5.59	4.46	4.57	5.62	4.64	4.80
Connecticut	15.39	14.15	14.52	11.57	11.71	11.15	11.01	11.10
Delaware	12.31	10.84	10.69	9.59	8.67	10.53	8.96	10.11
District of Columbia	14.95	13.60	13.73	13.40	11.24	11.01	10.55	11.40
Florida	19.48	18.24	17.64	14.09	13.14	13.61	12.77	15.60
Georgia	14.09	14.14	13.03	11.21	9.52	9.88	9.14	8.59
Hawaii	26.60	26.24	25.60	24.88	23.82	23.10	18.44	22.93
Idaho	7.06	6.94	6.76	6.67	6.64	8.41	6.75	7.10
Illinois	10.76	9.64	10.19	7.38	7.09	6.41	6.94	7.22
Indiana	11.39	11.49	10.96	8.65	8.14	7.68	7.87	7.83
Iowa	10.55	10.33	9.83	7.86	7.79	7.08	7.79	7.47
Kansas	11.33	9.81	7.86	7.33	6.88	7.24	6.28	6.49
Kentucky	12.77	10.54	8.90	7.52	7.33	7.52	7.01	7.08
Louisiana	12.39	10.98	10.40	8.79	8.41	8.13	8.84	10.51
Maine	15.50	13.56	12.00	11.77	9.87	11.78	13.70	11.95
Maryland	13.81	12.06	10.97	9.50	9.19	9.61	8.81	9.15
Massachusetts	13.92	14.18	12.42	11.33	11.09	10.05	10.87	10.04
Michigan	7.95	7.27	6.61	6.21	6.13	6.32	6.04	6.25
Minnesota	8.82	7.91	10.89	7.85	7.25	6.61	7.08	7.22
Mississippi	10.91	9.26	NA	NA	8.84	7.76	7.62	9.18
Missouri	11.70	9.67	8.49	8.01	7.75	8.00	7.80	8.03
Montana	6.71	7.09	6.32	6.02	5.84	5.30	5.01	4.68
Nebraska	8.29	8.63	8.27	6.84	6.50	6.18	6.37	6.50
Nevada	9.55	9.15	8.25	8.31	7.99	9.70	8.64	9.80
New Hampshire	11.97	10.44	9.81	9.63	9.69	10.08	10.22	9.74
New Jersey	8.64	8.52	7.91	7.62	7.42	7.23	7.30	7.44
New Mexico	9.23	9.06	8.40	7.29	6.66	7.71	8.07	8.33
New York	12.73	12.03	11.51	9.66	9.48	9.92	9.55	10.15
North Carolina	14.02	12.10	11.03	9.35	9.34	9.37	9.41	9.54
North Dakota	8.19	7.96	8.07	6.39	6.11	5.14	5.41	5.13
Ohio	10.04	9.67	8.54	8.32	7.72	7.61	7.68	7.92
Oklahoma	11.40	9.38	7.79	7.67	6.58	7.78	7.08	7.73
Oregon	9.27	9.46	9.34	9.33	9.23	10.54	9.32	9.59
Pennsylvania	12.42	11.29	10.07	9.47	9.46	9.48	9.19	9.45
Rhode Island	13.38	11.18	10.78	10.67	10.81	11.81	11.05	11.68
South Carolina	13.50	12.88	12.37	10.46	10.34	9.73	9.96	10.60
South Dakota	9.54	9.61	8.92	7.64	6.93	6.93	7.64	6.54
Tennessee	10.54	9.80	9.79	9.33	9.07	8.15	8.25	8.50
Texas	11.00	10.57	9.75	8.57	6.89	7.28	7.00	7.28
Utah	6.68	6.15	6.85	6.61	7.16	6.39	6.78	6.34
Vermont	10.28	9.60	9.29	9.23	9.33	10.39	9.45	9.82
Virginia	16.35	12.76	13.60	10.77	9.27	9.78	9.16	8.87
Washington	8.68	7.78	7.44	7.45	7.43	9.33	7.47	8.19
West Virginia	9.87	8.86	7.26	7.80	7.74	8.44	7.90	8.15
Wisconsin	9.27	9.39	11.45	8.64	8.23	7.35	7.95	8.20
Wyoming	7.88	6.57	5.81	5.94	5.78	5.84	4.47	5.34
Total	10.63	10.05	9.61	8.44	8.07	7.91	7.88	8.01

^R 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				
				May	April	March	February	January
Alabama	10.56	9.56	8.81	10.42	11.04	10.67	10.39	10.48
Alaska	4.42	3.50	3.75	4.35	4.34	4.44	4.54	4.40
Arizona	8.11	7.58	8.83	8.78	8.69	8.51	7.02	8.19
Arkansas	8.20	6.93	7.08	9.64	8.82	^R 8.15	7.81	7.94
California	8.43	8.25	6.02	7.82	7.29	8.20	8.88	9.37
Colorado	6.98	4.93	5.00	7.42	7.15	7.30	6.66	6.88
Connecticut	11.32	11.09	6.80	11.09	11.18	10.76	11.73	11.44
Delaware	10.56	8.52	9.51	12.53	11.74	10.81	11.14	9.08
District of Columbia	12.81	12.57	10.33	13.28	13.07	12.16	12.88	12.95
Florida	11.24	10.96	7.84	11.32	11.16	11.27	11.29	11.16
Georgia	10.09	9.70	7.59	11.95	10.86	10.36	10.07	9.24
Hawaii	20.23	19.52	17.15	21.06	20.46	20.24	19.88	19.54
Idaho	7.98	6.16	8.33	8.26	8.21	7.94	7.92	7.89
Illinois	8.29	8.04	6.55	10.53	8.97	7.04	8.28	8.54
Indiana	8.27	8.52	6.48	9.16	9.01	8.97	7.51	8.22
Iowa	8.11	7.55	4.96	9.90	8.40	8.43	7.77	7.81
Kansas	9.73	7.68	6.41	11.29	10.55	9.85	9.75	9.01
Kentucky	9.70	7.75	6.88	10.54	10.27	9.77	9.55	9.44
Louisiana	9.03	8.62	6.44	9.27	8.50	8.79	9.15	9.31
Maine	12.47	10.94	9.61	9.89	12.49	12.62	12.98	12.58
Maryland	8.96	8.09	6.91	8.83	8.59	8.66	9.01	9.41
Massachusetts	11.86	10.79	8.60	11.39	12.16	12.17	12.55	10.88
Michigan	7.52	6.39	5.76	8.28	7.79	7.42	7.47	7.33
Minnesota	8.05	7.74	5.01	8.50	7.59	7.55	8.30	8.22
Mississippi	8.29	NA	6.33	8.50	9.40	8.39	7.64	8.21
Missouri	9.60	8.08	7.05	9.96	9.90	9.68	9.57	9.36
Montana	8.55	6.30	5.49	9.64	8.95	8.64	8.50	8.09
Nebraska	7.33	6.94	4.87	7.31	7.08	7.18	7.50	7.38
Nevada	7.69	7.23	7.87	7.78	7.88	7.82	7.65	7.51
New Hampshire	NA	9.36	8.86	NA	NA	^R 12.38	^R 12.09	^R 11.56
New Jersey	9.03	8.59	5.74	9.98	8.35	8.80	9.18	9.15
New Mexico	7.44	6.61	5.71	8.18	8.14	7.65	7.43	6.67
New York	9.63	9.01	6.49	8.80	9.33	9.91	9.94	9.65
North Carolina	9.76	8.81	6.86	9.87	9.29	9.77	9.49	10.16
North Dakota	7.49	6.83	4.54	8.09	7.35	7.53	7.74	7.20
Ohio	8.81	7.93	6.25	9.14	8.82	8.60	8.86	8.82
Oklahoma	9.25	7.68	6.97	10.07	9.93	9.27	9.01	9.05
Oregon	8.53	7.69	8.10	8.08	9.12	8.69	8.52	8.32
Pennsylvania	10.12	9.10	7.48	10.73	10.13	10.05	10.04	10.08
Rhode Island	11.08	9.72	10.06	11.88	11.28	11.11	10.83	10.96
South Carolina	10.21	9.92	7.88	9.96	10.18	9.87	10.42	10.37
South Dakota	7.66	6.96	4.99	8.84	7.69	8.25	7.32	7.37
Tennessee	8.77	8.29	7.17	8.72	8.16	8.45	9.23	8.85
Texas	7.74	7.57	5.12	7.86	7.86	7.41	7.73	7.87
Utah	6.40	5.35	5.18	6.29	6.09	6.75	6.37	6.39
Vermont	8.52	7.79	8.27	8.57	8.55	8.55	8.47	8.51
Virginia	9.74	9.32	6.86	10.23	9.78	9.37	9.96	9.65
Washington	NA	6.78	8.78	NA	NA	8.37	8.31	NA
West Virginia	9.58	7.43	7.24	10.60	9.97	9.67	9.45	9.30
Wisconsin	8.40	8.18	5.80	8.51	8.25	8.05	8.57	8.50
Wyoming	6.58	4.78	5.26	7.09	6.67	6.64	6.50	6.39
Total	8.87	8.15	6.47	9.04	8.88	^R8.80	^R8.90	8.85

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							
	Total	December	November	October	September	August	July	June
Alabama	10.09	10.80	11.49	10.97	11.59	10.91	9.85	11.05
Alaska	NA	3.83	3.73	NA	3.24	3.16	3.05	2.89
Arizona	7.75	8.12	8.24	7.97	7.89	7.81	7.56	7.58
Arkansas	7.67	8.34	8.74	8.77	9.29	9.48	9.47	9.72
California	8.05	8.43	7.64	7.55	7.93	7.57	7.85	7.79
Colorado	5.83	6.68	6.92	7.23	6.59	6.92	7.00	6.81
Connecticut	10.49	10.02	10.08	10.03	7.63	10.63	7.08	11.02
Delaware	8.93	9.83	8.71	10.16	9.65	9.63	9.49	10.28
District of Columbia	12.26	12.31	11.86	11.25	10.82	11.35	11.60	11.80
Florida	10.91	10.74	10.36	9.98	10.61	11.11	11.51	11.71
Georgia	9.75	8.17	9.40	10.23	10.98	11.95	11.94	12.15
Hawaii	19.52	19.32	19.64	19.82	19.40	19.31	19.13	19.97
Idaho	6.91	7.93	8.23	8.31	8.34	8.42	7.70	6.64
Illinois	8.28	7.84	8.25	8.39	9.14	10.16	10.89	11.08
Indiana	8.45	7.63	7.83	8.81	8.14	9.78	10.23	10.67
Iowa	7.72	8.13	7.42	6.74	8.47	8.13	9.67	9.14
Kansas	8.45	9.19	10.08	10.90	11.40	11.18	10.87	9.63
Kentucky	8.65	9.51	9.75	11.15	11.16	11.36	10.64	10.49
Louisiana	8.82	9.38	9.56	8.82	8.63	8.54	8.94	9.22
Maine	^R 11.36	12.29	^R 12.83	11.68	11.23	11.43	11.58	11.41
Maryland	8.09	8.40	8.35	7.31	7.96	7.94	8.00	8.23
Massachusetts	NA	NA	10.47	10.36	12.74	11.35	10.95	10.65
Michigan	6.89	7.40	7.81	7.53	8.74	8.49	8.97	8.23
Minnesota	7.60	7.56	7.23	6.69	7.37	7.47	7.43	8.61
Mississippi	NA	7.25	6.65	6.43	6.03	6.78	7.62	7.66
Missouri	8.65	9.31	9.77	9.54	10.35	10.47	10.30	10.26
Montana	7.04	7.66	7.72	8.42	9.14	9.29	9.09	7.62
Nebraska	6.83	6.67	6.29	6.49	6.80	6.78	7.13	7.18
Nevada	7.25	7.24	7.45	7.32	7.28	7.25	7.24	7.16
New Hampshire	NA	NA	11.95	11.77	13.01	12.03	13.23	14.09
New Jersey	NA	7.26	6.25	NA	5.91	6.14	9.15	8.42
New Mexico	6.74	6.46	6.89	7.13	6.96	7.69	7.88	6.94
New York	8.79	9.34	8.61	7.99	7.91	7.80	8.27	9.15
North Carolina	NA	NA	11.19	NA	11.06	11.33	11.27	11.18
North Dakota	6.99	7.17	6.84	6.85	8.04	7.55	8.31	8.03
Ohio	8.11	8.59	8.07	8.10	8.45	8.37	8.77	8.90
Oklahoma	8.26	8.89	10.00	9.91	9.99	9.98	10.40	9.87
Oregon	7.90	8.45	8.47	8.22	8.01	8.02	7.92	7.36
Pennsylvania	9.33	9.70	9.45	9.47	9.81	9.61	9.96	10.24
Rhode Island	10.34	11.15	11.40	11.92	13.60	12.80	10.77	11.88
South Carolina	9.97	9.98	10.67	9.65	9.81	9.86	9.87	10.25
South Dakota	7.12	7.59	6.64	6.77	7.79	7.92	8.46	8.37
Tennessee	8.63	9.36	8.96	10.19	8.49	8.99	9.32	8.74
Texas	7.66	7.99	8.24	7.65	7.58	7.21	7.51	7.88
Utah	5.95	6.75	6.70	6.54	7.15	7.09	7.13	5.54
Vermont	8.00	8.55	8.43	8.41	8.24	8.19	8.29	8.07
Virginia	9.44	9.22	9.25	9.19	10.47	10.16	11.12	10.09
Washington	7.36	8.19	8.37	8.06	7.83	8.04	7.88	7.62
West Virginia	8.08	9.16	9.74	9.19	8.56	9.37	8.92	9.26
Wisconsin	8.02	7.91	7.47	7.05	7.98	8.24	8.26	8.65
Wyoming	5.74	6.66	6.58	6.94	7.48	7.68	7.90	6.59
Total	8.26	8.44	8.24	8.17	8.34	8.35	8.68	8.88

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					2002		
	May	April	March	February	January	Total	December	November
Alabama	11.30	11.56	10.00	8.80	8.70	8.94	8.64	9.15
Alaska	3.22	3.29	3.79	3.77	3.39	3.41	3.28	3.11
Arizona	7.56	7.35	7.71	7.63	7.59	8.42	7.67	8.00
Arkansas	9.69	8.48	7.03	6.09	6.20	7.05	7.00	7.02
California	7.37	8.72	8.73	8.18	8.17	6.07	7.44	7.02
Colorado	6.68	6.72	5.10	4.06	4.16	4.82	4.13	4.35
Connecticut	11.95	11.85	13.35	9.57	10.08	7.18	8.64	8.41
Delaware	9.93	9.12	9.29	8.26	7.61	9.41	8.16	8.85
District of Columbia	11.63	12.28	13.41	12.13	12.71	10.30	9.95	10.54
Florida	11.71	11.70	12.54	10.15	9.56	8.17	8.92	8.69
Georgia	11.16	11.05	11.61	9.55	8.09	8.10	7.57	7.73
Hawaii	20.63	20.34	19.55	18.65	18.59	17.81	18.89	17.42
Idaho	6.44	6.42	6.09	6.05	6.03	7.73	6.11	6.58
Illinois	9.81	9.21	9.50	7.21	7.00	7.46	8.13	8.35
Indiana	9.58	10.18	9.79	7.82	7.71	6.83	7.06	6.85
Iowa	8.34	8.50	8.50	6.97	6.82	5.51	6.11	6.03
Kansas	9.92	9.52	7.67	7.29	6.80	6.51	6.43	5.85
Kentucky	10.22	9.54	8.11	7.30	7.00	7.02	6.87	7.18
Louisiana	8.72	8.44	9.82	8.30	8.08	6.79	7.85	7.99
Maine	12.17	11.53	11.11	11.01	10.13	9.55	11.29	10.53
Maryland	8.32	8.22	8.95	7.85	7.58	6.84	6.97	6.85
Massachusetts	11.53	13.18	11.57	10.76	8.80	8.81	11.11	9.66
Michigan	7.34	6.92	6.55	6.07	6.03	5.97	6.14	5.93
Minnesota	7.27	7.29	10.22	7.28	6.64	5.57	6.67	6.62
Mississippi	7.65	7.56	NA	7.78	7.52	6.45	6.93	7.13
Missouri	9.60	8.95	8.18	7.81	7.53	7.34	7.75	7.54
Montana	6.84	6.99	6.37	6.10	5.87	5.37	5.13	4.77
Nebraska	6.46	7.48	8.09	6.58	6.13	5.11	5.99	5.62
Nevada	7.21	7.34	7.06	7.34	7.19	7.71	7.50	7.80
New Hampshire	11.39	9.73	9.26	9.04	8.92	8.51	7.66	7.56
New Jersey	13.38	7.71	9.98	8.09	7.57	6.26	7.19	7.03
New Mexico	6.76	7.68	7.25	6.28	5.75	6.19	7.30	6.81
New York	9.48	9.70	10.01	8.53	8.03	6.43	7.57	6.60
North Carolina	10.73	10.13	9.41	8.07	8.02	7.25	7.77	7.95
North Dakota	7.13	6.89	8.80	6.25	5.78	4.54	4.95	4.72
Ohio	8.39	9.13	8.25	7.89	7.14	6.45	6.85	6.83
Oklahoma	9.46	8.58	7.73	7.63	6.87	6.95	6.83	6.74
Oregon	7.32	7.72	7.77	7.74	7.76	7.86	6.93	6.91
Pennsylvania	10.47	9.73	9.52	8.92	8.29	7.75	8.15	8.13
Rhode Island	10.46	10.90	9.35	9.35	9.43	10.06	9.28	10.09
South Carolina	9.91	10.73	11.37	9.52	8.90	7.92	8.65	8.57
South Dakota	7.39	7.90	7.89	6.60	6.05	5.26	6.17	5.24
Tennessee	7.93	8.77	9.61	8.51	7.13	7.37	7.63	7.47
Texas	7.59	7.89	8.68	7.90	6.31	5.49	6.22	6.24
Utah	4.98	4.76	5.57	5.34	5.66	5.20	5.55	5.31
Vermont	7.89	7.81	7.74	7.78	7.79	8.20	7.80	7.81
Virginia	10.73	9.93	11.28	9.16	7.76	7.20	7.71	6.96
Washington	7.40	6.71	6.68	6.69	6.67	8.24	6.66	7.23
West Virginia	8.76	8.44	7.39	7.17	7.13	7.38	7.01	7.28
Wisconsin	7.57	8.17	10.29	7.66	7.30	6.11	6.94	6.97
Wyoming	5.55	4.65	4.88	4.66	4.59	5.03	3.79	4.29
Total	8.73	8.76	8.96	7.83	7.34	6.64	7.18	6.91

^R 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. 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				
				May	April	March	February	January
Alabama	7.16	7.16	5.55	7.21	6.86	6.79	7.36	7.49
Alaska	2.03	1.71	1.67	1.92	2.12	2.06	2.09	1.92
Arizona	7.14	6.49	6.83	7.69	6.86	7.65	6.74	7.06
Arkansas	7.37	6.17	5.63	7.64	^R 7.33	6.76	7.17	7.98
California	7.60	7.37	4.88	7.17	6.68	7.68	7.84	8.52
Colorado	NA	3.87	5.32	6.58	6.62	7.05	NA	9.05
Connecticut	NA	7.89	4.91	7.66	7.90	8.41	8.90	NA
Delaware	7.15	6.32	6.11	7.37	7.35	6.84	7.99	6.46
District of Columbia	—	—	—	—	—	—	—	—
Florida	8.46	6.30	5.25	8.49	8.51	8.88	8.40	8.08
Georgia	7.53	NA	4.43	7.35	7.04	6.96	8.06	8.04
Hawaii	12.40	11.46	9.70	13.18	12.29	12.14	12.37	12.10
Idaho	6.62	5.39	7.94	6.60	6.54	6.62	6.65	6.64
Illinois	7.70	7.16	4.51	8.04	6.89	7.58	8.05	7.76
Indiana	9.52	8.53	6.12	7.38	10.29	7.91	9.90	11.12
Iowa	7.03	6.62	4.94	7.90	6.99	6.82	6.70	7.19
Kansas	6.42	6.53	3.76	5.98	5.97	6.55	8.38	7.60
Kentucky	7.25	6.75	4.56	6.89	6.75	7.01	7.55	7.73
Louisiana	6.03	5.95	3.35	6.29	5.79	5.58	5.96	6.58
Maine	10.60	10.30	8.57	9.39	9.87	10.47	11.76	10.85
Maryland	10.11	9.98	7.30	10.37	10.34	10.41	10.81	9.16
Massachusetts	11.40	10.26	7.48	11.68	12.04	11.57	11.81	10.34
Michigan	6.59	5.24	4.95	6.52	6.43	6.46	6.79	6.63
Minnesota	6.36	6.25	3.70	6.38	5.96	6.07	6.72	6.59
Mississippi	6.99	6.57	4.16	6.64	5.42	6.07	8.36	8.19
Missouri	8.55	7.81	5.67	8.48	8.54	8.15	8.91	8.52
Montana	8.18	4.82	2.68	7.76	9.04	8.51	8.13	7.90
Nebraska	6.24	5.89	4.12	6.36	6.07	6.02	6.36	6.38
Nevada	8.32	8.67	7.36	8.25	8.29	8.67	8.25	8.23
New Hampshire	NA	8.47	8.26	NA	NA	^R 13.32	^R 11.18	^R 9.35
New Jersey	8.64	7.22	4.50	7.83	^R 7.03	^R 8.53	^R 9.83	^R 9.13
New Mexico	7.41	6.26	4.14	6.90	8.19	7.22	7.62	7.13
New York	8.51	8.17	5.80	7.68	8.38	8.71	9.08	8.32
North Carolina	7.56	NA	4.41	6.74	6.57	7.48	8.18	8.11
North Dakota	5.95	5.62	4.05	6.04	5.66	6.02	6.58	5.69
Ohio	9.10	7.79	5.56	9.48	8.80	9.18	8.97	9.24
Oklahoma	NA	7.08	6.65	9.03	NA	8.86	8.33	8.83
Oregon	5.90	5.96	7.31	5.49	5.96	6.01	6.03	5.95
Pennsylvania	9.00	8.48	6.61	8.33	8.77	8.45	9.52	9.56
Rhode Island	9.13	7.63	4.55	9.31	9.19	9.15	9.01	9.08
South Carolina	7.32	7.35	3.98	7.51	6.89	6.73	7.60	7.88
South Dakota	6.15	5.54	4.16	5.88	5.76	6.22	6.25	6.45
Tennessee	6.14	6.61	5.38	5.91	5.82	5.90	6.43	6.51
Texas	5.56	5.94	3.00	6.01	5.50	5.09	5.40	5.79
Utah	5.77	4.49	4.68	5.59	5.53	5.75	5.92	5.94
Vermont	5.73	4.94	4.35	5.48	5.53	5.51	6.04	6.12
Virginia	7.66	7.59	5.05	7.48	^R 6.80	8.30	8.26	7.34
Washington	NA	5.37	5.16	NA	NA	7.08	7.22	NA
West Virginia	7.13	NA	3.87	7.51	6.76	6.42	7.26	7.65
Wisconsin	7.66	7.60	5.00	7.50	7.27	6.88	8.12	8.09
Wyoming	5.57	5.84	4.39	6.89	5.26	5.22	5.26	5.35
Total	6.23	6.27	3.84	6.27	5.93	^R 5.86	^R 6.39	^R 6.64

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							
	Total	December	November	October	September	August	July	June
Alabama	6.66	6.68	5.91	5.94	6.15	6.07	6.01	6.95
Alaska	1.81	1.84	1.95	1.91	1.87	1.87	1.95	1.78
Arizona	6.52	6.31	6.71	6.27	7.15	6.53	6.68	6.25
Arkansas	6.90	7.72	7.56	7.71	7.09	7.44	7.02	7.32
California	7.21	7.51	6.91	6.95	7.19	6.95	6.94	7.04
Colorado	3.89	8.04	6.95	5.47	3.49	3.44	3.49	3.71
Connecticut	7.23	7.23	6.31	6.36	6.55	6.25	6.83	7.32
Delaware	6.45	6.84	6.16	6.03	7.36	6.79	6.46	6.87
District of Columbia	—	—	—	—	—	—	—	—
Florida	7.00	7.88	7.45	8.09	8.25	8.36	7.27	6.80
Georgia	NA	6.62	6.36	6.14	5.84	5.88	NA	4.61
Hawaii	11.82	11.93	12.17	12.29	12.15	12.14	11.82	12.19
Idaho	5.89	6.40	6.55	6.38	6.35	6.50	6.40	5.21
Illinois	7.21	7.42	6.67	6.88	7.17	7.25	8.09	8.22
Indiana	NA	NA	6.72	NA	6.18	8.82	9.60	10.71
Iowa	6.56	7.26	6.35	5.97	6.23	5.20	7.33	6.97
Kansas	5.92	6.62	6.01	5.63	5.37	5.40	5.81	6.41
Kentucky	6.68	7.05	6.54	6.28	6.53	6.16	6.68	6.99
Louisiana	5.55	5.50	4.95	5.01	5.11	4.88	5.54	6.10
Maine	10.23	10.21	11.02	10.12	9.14	10.29	9.96	9.83
Maryland	9.57	7.49	9.56	8.71	9.17	12.03	9.63	11.69
Massachusetts	NA	NA	9.49	NA	10.32	9.75	9.50	8.78
Michigan	5.60	6.57	5.54	6.12	6.74	6.81	5.42	6.65
Minnesota	5.90	5.91	5.46	5.18	5.49	5.51	6.04	6.03
Mississippi	6.54	6.51	7.28	6.56	6.76	5.91	6.03	6.60
Missouri	8.00	8.40	8.43	8.46	8.30	8.35	7.35	8.09
Montana	NA	7.43	7.49	NA	NA	NA	6.70	5.19
Nebraska	5.74	5.62	5.33	5.44	5.56	5.78	6.21	5.47
Nevada	8.68	8.38	8.38	8.77	8.82	8.94	8.87	9.24
New Hampshire	NA	NA	10.84	10.02	10.76	10.74	11.56	10.71
New Jersey	NA	6.51	5.47	NA	5.73	5.91	7.21	6.65
New Mexico	6.14	5.98	6.09	5.93	5.56	6.18	6.69	5.93
New York	7.82	7.92	7.06	7.38	7.41	7.04	7.65	7.54
North Carolina	NA	7.16	6.91	5.40	6.46	5.64	6.09	6.94
North Dakota	5.60	6.22	5.16	4.87	4.65	5.80	5.25	5.18
Ohio	8.32	9.13	9.17	9.21	9.59	8.66	10.15	9.36
Oklahoma	7.44	8.00	8.44	7.74	8.23	7.98	7.91	7.80
Oregon	5.84	5.90	5.82	5.70	5.57	5.70	5.89	5.88
Pennsylvania	8.11	8.42	7.21	7.35	7.40	6.87	8.03	8.18
Rhode Island	NA	NA	8.92	9.10	8.64	8.62	7.80	8.59
South Carolina	6.96	6.94	6.17	6.17	6.51	6.34	6.93	7.59
South Dakota	5.70	6.16	5.83	5.68	5.88	5.87	5.99	5.33
Tennessee	5.83	5.83	4.93	4.97	5.08	4.71	5.28	5.48
Texas	5.39	5.05	4.49	4.48	4.98	4.96	5.45	6.43
Utah	5.03	5.74	5.51	5.27	5.56	5.49	5.71	4.96
Vermont	5.08	5.90	5.45	4.90	4.78	4.84	4.88	4.95
Virginia	6.72	6.89	5.48	4.88	6.03	4.43	6.17	6.82
Washington	6.06	7.09	6.98	6.58	6.33	6.48	6.72	6.78
West Virginia	NA	6.33	5.92	5.73	6.03	5.76	6.42	7.20
Wisconsin	7.33	7.12	7.18	6.11	6.90	6.67	7.28	7.78
Wyoming	6.72	7.91	7.97	7.73	7.27	7.32	7.24	7.27
Total	5.78	5.78	5.15	4.80	5.30	5.22	5.63	6.37

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					2002		
	May	April	March	February	January	Total	December	November
Alabama	6.59	6.63	8.91	6.83	6.69	5.22	5.53	5.67
Alaska	1.63	1.69	1.70	1.82	1.72	1.63	1.68	1.69
Arizona	6.48	5.97	6.82	5.71	7.37	6.49	5.91	6.09
Arkansas	7.20	6.58	6.41	5.59	5.66	5.64	6.35	5.95
California	6.67	7.87	7.77	7.18	7.36	4.93	6.00	5.81
Colorado	3.62	3.60	4.14	7.16	6.21	4.79	6.17	5.49
Connecticut	6.76	8.22	8.81	8.11	7.38	4.97	6.09	5.56
Delaware	6.80	6.80	7.24	5.88	5.40	6.16	5.53	5.84
District of Columbia	—	—	—	—	—	—	—	—
Florida	7.16	7.30	5.74	6.19	5.46	5.35	5.91	5.30
Georgia	4.57	4.64	NA	7.09	6.55	4.85	5.74	5.48
Hawaii	12.35	12.15	11.35	10.92	10.62	10.17	10.71	10.98
Idaho	5.24	5.26	5.41	5.37	5.56	6.90	5.01	4.35
Illinois	6.61	7.35	8.76	6.84	6.26	4.97	5.79	5.77
Indiana	8.05	10.36	11.23	8.04	7.07	5.48	5.88	5.16
Iowa	6.72	5.62	7.78	6.31	6.47	5.58	7.14	6.24
Kansas	5.76	7.20	7.50	6.58	6.90	3.61	4.65	4.83
Kentucky	6.53	6.49	8.84	6.40	5.89	4.63	5.36	5.46
Louisiana	5.36	5.38	8.03	6.00	5.17	3.70	4.46	4.42
Maine	10.77	10.80	9.98	9.95	10.32	8.44	10.02	9.77
Maryland	10.92	11.40	11.36	8.61	8.40	7.42	7.43	7.31
Massachusetts	10.95	11.87	10.56	10.02	8.87	7.35	9.52	6.87
Michigan	5.81	5.59	5.47	5.02	4.87	4.83	3.71	5.05
Minnesota	5.60	5.73	8.91	5.85	5.36	4.14	4.64	4.89
Mississippi	6.03	5.51	8.68	6.90	5.60	4.53	5.50	5.41
Missouri	8.54	9.53	7.79	7.47	7.05	6.02	6.95	6.64
Montana	4.99	4.61	5.03	4.81	4.70	2.75	2.81	2.59
Nebraska	6.23	6.16	6.80	5.45	5.11	4.25	5.08	4.87
Nevada	8.83	8.72	8.94	8.64	8.39	7.69	7.17	9.32
New Hampshire	9.30	8.51	8.38	8.26	8.39	7.38	7.08	7.36
New Jersey	4.28	8.50	8.78	7.63	6.38	4.91	6.22	5.57
New Mexico	5.72	6.81	6.96	6.10	5.60	4.29	6.29	5.39
New York	7.64	9.46	8.92	7.94	7.05	5.53	6.68	5.92
North Carolina	5.79	NA	6.63	5.84	5.37	4.91	6.54	5.81
North Dakota	5.08	5.47	8.32	6.14	4.58	4.05	4.69	4.40
Ohio	8.58	8.78	8.37	7.58	6.88	5.67	5.97	6.05
Oklahoma	9.19	7.82	6.71	7.16	6.48	6.28	6.07	5.90
Oregon	5.59	6.04	6.14	6.20	5.88	6.98	5.90	5.83
Pennsylvania	7.93	8.28	9.82	8.05	8.08	6.29	6.58	6.73
Rhode Island	7.88	8.70	7.18	7.30	7.24	4.84	6.62	5.39
South Carolina	6.61	7.00	9.87	7.11	6.65	4.49	5.50	5.36
South Dakota	5.15	5.80	6.76	5.10	4.80	4.28	4.63	4.37
Tennessee	5.17	6.05	7.56	7.05	6.83	5.34	6.06	5.73
Texas	5.39	5.13	8.35	5.93	4.96	3.40	4.22	4.09
Utah	4.48	4.38	5.08	4.30	4.31	3.91	4.30	3.70
Vermont	4.78	5.15	5.04	4.67	4.92	4.39	4.80	4.47
Virginia	6.94	6.66	9.86	8.45	6.33	4.59	6.02	4.38
Washington	5.82	6.04	5.87	4.43	5.06	4.81	5.16	4.61
West Virginia	6.36	6.17	NA	8.18	6.32	4.20	5.12	5.11
Wisconsin	6.93	7.45	10.07	6.98	6.62	5.23	6.10	6.32
Wyoming	6.05	5.65	5.88	5.79	5.86	4.21	4.20	4.09
Total	5.61	5.89	8.01	6.27	5.54	4.02	4.92	4.72

^R 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^a Consumers, by State, 2002-2004
(Dollars per Thousand Cubic Feet)

State	YTD 2004	YTD 2003	YTD 2002	2004				2003
				April	March	February	January	Total
Alabama	w	w	w	6.12	w	w	5.81	w
Alaska	2.81	2.04	w	2.85	^R 2.81	2.78	2.78	2.29
Arizona	5.54	w	2.95	5.82	^R 5.18	5.37	5.82	w
Arkansas	w	6.53	w	w	^R 5.76	5.65	w	w
California	5.63	5.76	3.59	5.72	^R 5.30	5.59	5.94	5.46
Colorado	5.04	4.32	2.83	4.37	^R 4.41	5.62	5.59	4.45
Connecticut	7.62	w	3.36	6.35	^R 6.44	7.28	10.75	w
Delaware	w	w	w	w	w	w	w	w
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.10	6.18	3.67	6.07	^R 6.02	6.04	6.29	6.04
Georgia	w	w	3.63	6.26	w	5.82	6.66	w
Hawaii	—	—	—	—	—	—	—	—
Idaho	w	w	w	—	w	w	w	w
Illinois	6.23	6.20	3.18	6.13	^R 5.90	6.31	6.62	5.94
Indiana	w	w	w	w	w	w	w	w
Iowa	7.16	w	3.43	6.45	^R 6.73	7.59	7.67	w
Kansas	5.31	6.31	2.70	5.26	^R 4.83	5.38	5.77	5.28
Kentucky	w	w	w	w	w	w	w	w
Louisiana	w	w	w	w	^R 5.99	6.24	w	w
Maine	6.96	7.06	3.47	6.25	^R 5.88	7.56	8.35	w
Maryland	w	w	3.81	w	w	5.14	10.29	w
Massachusetts	7.04	6.11	2.98	6.07	^R 6.03	6.25	10.25	5.55
Michigan	w	w	3.45	w	^R 4.11	w	4.00	w
Minnesota	w	w	w	w	w	w	w	w
Mississippi	w	w	w	w	^R 5.70	5.74	6.48	w
Missouri	w	w	w	w	w	w	w	w
Montana	w	w	w	w	w	w	w	w
Nebraska	6.31	6.90	3.22	6.05	^R 6.40	5.96	6.49	6.19
Nevada	5.54	4.89	5.04	5.50	^R 5.08	5.32	6.14	5.31
New Hampshire	6.97	—	3.97	6.34	^R 6.12	7.95	8.19	—
New Jersey	7.10	7.35	3.70	6.72	^R 6.54	7.03	8.51	6.62
New Mexico	w	w	w	w	w	w	w	w
New York	6.62	7.18	3.57	6.29	^R 6.16	6.77	7.25	6.17
North Carolina	w	w	w	w	w	w	w	w
North Dakota	6.56	7.50	2.75	6.43	^R 6.49	7.56	9.50	7.64
Ohio	w	w	w	6.44	^R 5.77	7.04	w	w
Oklahoma	5.91	w	w	5.71	^R 5.76	5.92	6.38	w
Oregon	w	w	w	w	^R 4.69	5.07	5.23	w
Pennsylvania	7.51	6.94	3.42	7.32	^R 6.36	6.63	9.88	5.63
Rhode Island	w	w	4.30	w	w	w	w	w
South Carolina	w	w	w	w	w	w	w	w
South Dakota	—	—	—	—	—	—	—	—
Tennessee	w	w	w	—	—	—	w	w
Texas	5.52	6.02	2.91	5.56	^R 5.20	5.41	5.88	5.37
Utah	w	w	w	—	^R 2.45	2.45	w	w
Vermont	w	—	3.18	—	—	—	w	—
Virginia	w	w	w	6.93	w	w	w	w
Washington	w	w	w	w	^R 4.03	4.52	4.98	w
West Virginia	w	w	3.55	w	^R 6.75	6.76	8.09	w
Wisconsin	w	w	w	5.94	w	w	6.68	w
Wyoming	2.75	3.57	5.00	2.92	^R 2.48	—	2.74	3.40
Total	5.83	6.05	3.30	5.76	^R5.47	5.75	6.38	5.55

See footnotes at end of table.

Table 24. Average Price of Natural Gas Sold to Electric Power^a Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

State	2003							
	December	November	October	September	August	July	June	May
Alabama	w	4.44	w	w	5.32	w	w	w
Alaska	2.64	2.64	2.65	2.50	2.58	2.57	2.07	2.08
Arizona	w	4.82	4.80	5.05	4.98	5.26	5.69	5.17
Arkansas	w	—	3.86	3.32	—	—	—	4.44
California	5.54	4.91	5.75	5.20	5.20	5.45	5.33	5.26
Colorado	5.05	3.08	4.47	4.62	4.47	4.79	5.34	4.43
Connecticut	w	w	w	w	5.64	w	w	w
Delaware	w	w	w	w	w	w	w	w
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.90	5.35	5.81	5.93	5.89	6.16	6.69	6.14
Georgia	6.66	5.39	8.86	5.14	5.52	5.55	6.21	6.47
Hawaii	—	—	—	—	—	—	—	—
Idaho	w	w	w	w	w	w	w	w
Illinois	5.88	5.06	4.99	6.26	5.68	5.86	6.55	6.52
Indiana	w	w	w	w	5.97	w	6.31	w
Iowa	6.33	5.66	4.32	5.88	5.87	6.15	6.63	w
Kansas	5.03	4.35	4.56	4.94	4.93	5.27	5.76	5.11
Kentucky	w	w	w	w	w	w	w	w
Louisiana	w	w	w	w	w	w	w	w
Maine	7.03	5.12	5.41	w	5.45	5.49	w	w
Maryland	w	w	w	w	6.52	6.15	5.99	4.96
Massachusetts	6.51	4.82	5.00	4.97	4.94	5.45	5.74	5.89
Michigan	w	w	3.43	3.55	4.45	w	w	4.21
Minnesota	w	w	w	w	w	w	w	w
Mississippi	6.66	4.68	5.14	5.03	5.37	w	w	w
Missouri	w	w	4.71	w	w	w	w	w
Montana	8.95	w	w	6.41	w	w	w	w
Nebraska	5.91	4.65	5.01	5.45	5.38	6.36	6.72	6.97
Nevada	5.70	4.91	5.22	5.16	5.43	5.68	6.20	5.55
New Hampshire	—	—	—	—	—	—	—	—
New Jersey	6.97	6.03	5.75	6.00	5.83	6.28	6.94	6.56
New Mexico	w	w	w	w	w	w	w	w
New York	5.74	5.25	5.37	5.55	5.71	5.91	5.87	6.22
North Carolina	w	w	w	4.87	5.29	5.34	w	w
North Dakota	—	—	—	7.33	9.50	—	7.56	—
Ohio	13.72	6.25	w	w	5.88	w	w	6.08
Oklahoma	5.91	w	w	w	5.23	5.53	6.10	w
Oregon	w	4.45	4.62	4.68	4.79	4.59	w	w
Pennsylvania	7.30	4.51	4.84	4.40	5.34	5.33	5.45	5.10
Rhode Island	w	w	w	5.57	6.22	w	7.08	6.85
South Carolina	w	w	w	w	w	w	w	w
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	w	—	—	w	w	—	—
Texas	4.73	4.44	4.58	4.87	4.99	5.25	5.95	5.63
Utah	—	—	3.52	w	w	w	w	w
Vermont	—	—	—	—	—	—	—	—
Virginia	w	w	w	w	w	w	w	w
Washington	w	3.84	3.28	3.59	3.41	3.95	w	w
West Virginia	7.35	6.16	5.87	5.60	6.05	6.14	7.21	6.40
Wisconsin	w	w	5.14	5.39	5.28	5.62	6.35	w
Wyoming	1.28	4.63	3.17	3.80	3.91	1.90	3.00	3.27
Total	5.45	4.78	5.09	5.12	5.20	5.47	5.97	5.69

See footnotes at end of table.

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

State	2003				2002			
	April	March	February	January	Total	December	November	October
Alabama	6.39	7.20	w	w	3.57	w	w	w
Alaska	2.11	2.02	2.03	2.02	w	1.98	2.02	2.02
Arizona	4.11	6.12	w	w	3.26	4.55	3.75	3.57
Arkansas	—	7.27	6.42	6.05	3.59	w	w	4.14
California	5.23	6.78	5.79	5.12	3.82	4.93	4.52	4.22
Colorado	3.48	4.73	3.59	5.15	2.53	3.25	3.01	2.36
Connecticut	w	9.26	9.29	w	3.98	w	w	4.49
Delaware	w	w	w	w	w	w	w	w
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.09	7.98	6.35	4.72	4.14	5.57	4.55	4.79
Georgia	5.97	w	8.90	6.50	3.73	5.07	4.10	4.47
Hawaii	—	—	—	—	—	—	—	—
Idaho	w	w	w	w	w	w	w	w
Illinois	6.87	7.93	6.87	4.28	3.45	5.64	4.76	4.05
Indiana	w	w	4.71	w	3.28	w	w	w
Iowa	w	w	w	w	3.87	4.89	5.15	4.52
Kansas	4.95	8.76	6.47	5.07	3.11	4.22	4.17	3.38
Kentucky	w	w	w	6.10	3.60	5.24	4.91	4.91
Louisiana	5.34	w	w	w	3.63	w	w	w
Maine	5.96	7.30	8.46	7.02	4.09	6.42	4.87	4.71
Maryland	5.46	10.64	w	9.79	4.31	5.75	4.52	4.72
Massachusetts	5.67	6.78	6.72	5.39	3.60	5.03	4.23	3.86
Michigan	w	w	w	w	3.55	3.74	3.69	3.65
Minnesota	w	w	w	w	w	w	w	w
Mississippi	w	w	w	w	3.57	w	w	4.25
Missouri	w	w	w	w	w	w	w	w
Montana	w	w	6.12	w	3.95	6.12	5.21	3.84
Nebraska	5.91	8.49	7.05	6.48	4.17	5.24	4.45	4.07
Nevada	5.16	5.36	4.61	4.48	4.53	4.28	4.48	4.33
New Hampshire	—	—	—	—	4.08	6.51	—	4.42
New Jersey	6.21	10.25	6.72	6.96	4.19	5.24	5.22	4.79
New Mexico	w	w	w	w	w	w	w	w
New York	6.11	8.68	7.33	6.28	4.06	5.21	4.94	4.69
North Carolina	w	w	w	w	3.52	w	w	4.37
North Dakota	—	—	—	7.50	—	—	—	2.00
Ohio	w	w	w	w	3.78	w	6.33	4.87
Oklahoma	w	w	w	w	3.55	4.82	w	w
Oregon	w	w	w	4.28	3.39	4.01	3.74	3.69
Pennsylvania	5.74	7.38	8.30	7.40	3.97	5.92	5.01	4.75
Rhode Island	w	10.41	9.20	w	4.70	w	w	4.86
South Carolina	w	w	w	w	w	w	w	w
South Dakota	—	—	—	—	—	—	—	—
Tennessee	w	w	w	w	w	w	w	w
Texas	5.13	7.18	6.63	5.04	3.41	4.28	4.09	3.95
Utah	4.16	w	w	—	w	—	w	w
Vermont	—	—	—	—	—	—	4.86	4.39
Virginia	w	w	w	w	4.30	w	w	w
Washington	w	w	w	3.66	w	4.32	3.74	3.53
West Virginia	56.30	15.51	w	w	4.17	6.82	6.80	4.92
Wisconsin	w	w	w	w	3.51	4.83	w	w
Wyoming	3.86	3.32	—	—	4.38	21.17	5.84	2.21
Total	5.36	7.16	6.44	5.28	3.68	4.72	4.35	4.19

^a 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.

^r Revised Data.

— 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-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

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	May	
							Commercial	Industrial
Alabama	82.1	17.6	80.7	15.3	82.6	21.7	81.1	17.1
Alaska	50.7	83.5	55.9	88.9	55.8	95.1	48.1	73.7
Arizona	93.5	41.8	91.7	34.4	94.3	49.5	92.5	36.6
Arkansas	84.2	5.4	84.5	5.2	84.9	5.6	74.6	4.6
California	69.0	5.4	NA	5.9	70.1	8.6	68.6	5.1
Colorado	96.9	NA	99.8	0.2	94.3	0.9	94.0	0.4
Connecticut	71.6	NA	67.0	50.3	72.6	48.0	69.7	53.1
Delaware	87.9	10.2	NA	13.8	86.1	19.4	77.5	8.6
District of Columbia	26.1	—	34.9	—	23.0	—	20.9	—
Florida	38.4	1.9	38.4	NA	45.8	3.4	35.6	1.6
Georgia	100.0	NA	100.0	8.7	100.0	20.0	100.0	4.4
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	87.6	2.7	87.2	2.1	84.7	2.4	81.8	2.1
Illinois	42.2	9.6	44.6	10.8	42.5	10.4	28.3	5.0
Indiana	79.7	7.6	81.2	9.6	79.0	7.8	70.2	5.8
Iowa	76.4	6.3	78.9	6.9	82.4	6.7	69.8	3.9
Kansas	56.8	4.5	61.9	3.7	62.9	8.4	43.2	7.3
Kentucky	78.7	13.5	79.6	17.1	80.0	17.7	70.3	11.5
Louisiana	98.6	20.1	98.8	13.7	99.0	13.4	99.0	24.8
Maine	70.1	10.4	72.6	9.8	61.5	16.4	53.7	10.7
Maryland	100.0	NA	100.0	9.9	100.0	9.6	100.0	NA
Massachusetts	75.2	39.8	64.2	43.1	61.0	23.5	65.3	26.1
Michigan	68.5	13.5	66.6	13.4	68.1	12.4	55.7	7.1
Minnesota	94.6	38.1	93.7	41.9	91.2	39.1	96.1	39.9
Mississippi	97.1	22.6	NA	25.1	97.5	27.1	96.0	19.0
Missouri	80.7	14.6	83.2	14.8	83.1	20.7	73.9	10.0
Montana	79.4	1.8	74.3	2.8	75.1	2.8	71.5	1.5
Nebraska	68.9	18.0	64.1	23.5	62.2	20.6	70.6	16.0
Nevada	71.0	18.2	71.8	22.7	86.9	49.1	65.2	12.8
New Hampshire	NA	NA	NA	NA	83.3	11.8	NA	NA
New Jersey	55.4	19.1	55.9	26.0	54.2	22.0	36.8	15.5
New Mexico	64.5	8.7	69.4	6.0	70.6	11.6	52.0	10.2
New York	100.0	15.3	100.0	15.5	100.0	11.7	100.0	14.8
North Carolina	91.6	26.0	93.0	NA	91.7	34.4	87.2	20.3
North Dakota	93.6	16.3	93.9	44.7	90.6	10.1	89.0	16.4
Ohio	100.0	4.1	100.0	3.9	100.0	4.8	100.0	2.0
Oklahoma	64.6	NA	74.8	3.7	75.1	4.5	51.1	1.1
Oregon	98.7	23.8	98.4	14.1	98.2	18.5	97.8	21.9
Pennsylvania	100.0	6.9	100.0	7.9	100.0	7.3	100.0	4.7
Rhode Island	76.1	NA	72.8	20.6	68.6	27.3	77.9	24.7
South Carolina	96.6	79.7	96.9	80.9	98.4	86.0	96.3	81.1
South Dakota	83.2	27.8	84.4	25.6	85.8	46.0	70.8	26.1
Tennessee	93.0	33.8	91.6	28.3	94.2	38.1	88.9	33.1
Texas	85.5	48.1	86.3	41.1	88.6	37.7	83.6	48.6
Utah	85.2	13.9	88.1	14.3	85.0	13.8	78.2	12.7
Vermont	100.0	81.6	100.0	85.2	100.0	77.3	100.0	78.6
Virginia	63.9	16.8	66.6	15.7	62.0	16.5	51.9	13.6
Washington	NA	NA	88.9	23.5	90.0	29.1	NA	NA
West Virginia	62.6	NA	68.4	NA	60.7	12.8	40.0	NA
Wisconsin	82.6	21.3	79.2	22.2	80.5	23.2	75.1	12.9
Wyoming	48.5	2.0	48.6	2.4	88.9	2.4	49.3	2.0
Total	78.8	22.6	78.7	21.3	80.0	22.1	73.2	22.7

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	^R 4.9	^R 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	NA	100.0	^R 5.2	100.0	^R 5.1	100.0	^R 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	7.8	43.5	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	NA	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	68.9	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	NA	NA	^R 79.2	^R 10.9	^R 84.1	^R 11.1	^R 83.1	^R 28.7
New Jersey	50.9	17.1	55.3	^R 18.6	61.2	23.2	59.1	^R 20.1
New Mexico	61.4	9.9	66.4	9.0	67.2	7.2	67.4	7.7
New York	100.0	16.4	100.0	14.4	100.0	16.4	100.0	14.5
North Carolina	89.3	22.5	91.1	22.1	90.5	28.8	95.3	35.5
North Dakota	91.4	20.1	93.8	16.2	94.2	14.6	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	NA	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	^R 15.4	61.3	17.2	70.9	17.3	72.5	19.9
Washington	NA	NA	89.2	20.9	89.8	21.4	NA	NA
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	^R 23.0	83.9	^R 23.2	84.6	^R 25.4
Wyoming	50.7	1.9	45.4	2.2	48.9	1.9	48.8	2.0
Total	76.3	22.9	^R78.3	22.2	^R80.7	23.0	80.5	^R22.1

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	77.7	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	91.6	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	1.6	32.7	1.9	31.3	NA
Georgia	100.0	6.7	100.0	6.3	100.0	5.6	100.0	5.2
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	^R 77.5	^R 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	NA	NA	14.4	^R 76.1	8.0	57.1	NA
Maryland	100.0	9.4	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	76.9	NA	90.7	1.6	89.7	1.2	82.6	NA
Nebraska	64.4	18.6	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	NA	NA	64.2	17.0	48.7	12.3
New Jersey	NA	NA	63.6	20.0	60.1	14.2	NA	NA
New Mexico	67.5	7.7	69.2	5.1	66.7	6.6	64.3	8.0
New York	100.0	14.8	100.0	13.7	100.0	14.9	100.0	8.9
North Carolina	NA	NA	NA	24.1	72.5	21.2	NA	NA
North Dakota	93.1	NA	94.3	NA	93.9	28.0	90.0	24.7
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	73.6	17.7	92.2	—	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	88.9	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
Total	77.4	22.3	80.0	23.3	^R 77.3	22.3	73.1	23.3

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	75.9	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	^R 35.1	91.7	^R 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	NA	31.6	1.1	32.2	^R 1.7	32.8	2.0
Georgia	100.0	4.7	100.0	4.3	100.0	3.8	100.0	6.8
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	85.8	NA	59.5	NA	59.6	1.0	58.3	1.0
Nebraska	64.6	12.5	54.3	11.1	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	40.4	10.5	45.6	9.7	45.4	10.3	44.4	10.7
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	12.1	100.0	17.4	100.0	15.4	100.0	17.6
North Carolina	87.2	31.1	87.5	32.2	89.4	32.6	93.2	30.1
North Dakota	89.5	39.9	88.5	13.1	85.8	28.7	81.5	48.5
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
Total	72.7	23.1	73.6	23.7	71.5	25.7	72.6	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	^R 33.9	90.6	^R 33.8	91.2	^R 34.1	91.3	^R 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	7.4	100.0	7.4	100.0	17.3	100.0	6.3
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	^R 75.3	^R 16.9	^R 80.6	^R 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	6.7	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	14.9	100.0	15.1	100.0	16.2	100.0	15.7
North Carolina	89.5	30.5	90.9	NA	95.4	43.0	93.5	40.5
North Dakota	88.0	45.9	65.9	45.4	97.1	38.5	98.2	34.3
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
Total	73.7	20.5	^R76.9	21.2	^R80.2	21.4	79.6	^R21.9

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		2002					
	January		Total		December		November	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	80.3	15.3	80.4	21.7	82.3	23.7	74.4	24.4
Alaska	57.9	98.6	60.0	90.2	68.3	99.6	66.6	96.3
Arizona	93.1	^R 34.7	92.8	41.2	91.0	33.0	90.2	32.9
Arkansas	86.7	5.4	80.8	5.0	82.4	4.9	79.3	4.8
California	NA	3.7	68.6	7.7	73.0	8.1	68.6	7.2
Colorado	99.9	—	95.3	1.2	96.9	0.6	96.9	0.6
Connecticut	69.3	51.1	72.4	48.9	70.8	54.2	74.8	49.1
Delaware	NA	9.9	82.8	13.4	86.8	10.3	82.4	10.6
District of Columbia	30.8	—	23.5	—	27.3	—	28.4	—
Florida	43.5	NA	42.3	3.3	41.8	3.8	38.7	3.2
Georgia	100.0	5.2	100.0	19.2	100.0	19.5	100.0	19.4
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	87.9	2.2	85.9	2.1	91.1	2.3	90.1	1.3
Illinois	45.5	12.4	40.9	9.3	46.3	12.6	41.6	10.7
Indiana	84.5	13.0	78.4	8.6	85.6	12.4	78.9	12.6
Iowa	80.8	8.6	81.4	7.6	83.5	10.2	89.2	12.8
Kansas	60.3	1.3	58.9	10.9	59.2	4.3	55.4	4.3
Kentucky	80.4	17.9	78.9	18.0	81.2	18.7	79.2	19.1
Louisiana	98.6	12.7	99.0	13.3	98.7	14.7	98.6	13.3
Maine	73.8	9.4	61.6	10.7	71.9	6.8	69.8	5.7
Maryland	100.0	10.0	100.0	8.0	100.0	11.9	100.0	7.1
Massachusetts	67.8	45.5	57.4	20.1	65.4	28.6	62.0	21.7
Michigan	68.0	15.1	63.3	10.2	64.5	17.6	61.2	10.9
Minnesota	94.7	45.3	90.7	40.1	93.6	48.2	96.2	43.6
Mississippi	95.8	22.8	96.7	25.9	97.2	25.2	93.6	26.3
Missouri	82.9	15.7	80.1	16.1	83.0	18.8	78.2	14.1
Montana	84.3	4.2	75.1	2.1	81.7	3.4	76.9	2.1
Nebraska	67.3	22.9	63.7	15.7	67.9	19.6	71.2	18.9
Nevada	74.9	25.9	78.5	34.3	72.5	28.8	68.4	23.1
New Hampshire	NA	NA	80.6	12.3	88.8	17.4	90.0	32.4
New Jersey	57.2	22.9	49.1	20.8	52.7	26.0	53.6	22.1
New Mexico	73.0	3.8	68.8	14.1	72.1	13.4	75.0	12.2
New York	100.0	15.5	100.0	11.0	100.0	11.2	100.0	9.4
North Carolina	92.9	37.6	90.8	39.2	93.2	38.9	89.3	40.1
North Dakota	97.2	53.2	91.6	9.2	95.1	13.2	95.1	14.4
Ohio	100.0	4.4	100.0	3.9	100.0	6.7	100.0	4.9
Oklahoma	79.1	3.6	71.0	3.3	75.1	3.8	69.7	2.9
Oregon	98.6	13.7	98.7	14.5	99.6	12.8	99.4	12.6
Pennsylvania	100.0	8.6	100.0	7.3	100.0	11.4	100.0	8.2
Rhode Island	67.2	18.2	65.9	27.3	69.7	27.3	62.9	27.3
South Carolina	97.2	81.1	98.5	85.2	98.8	79.7	98.3	81.4
South Dakota	86.6	26.3	83.1	52.2	83.9	70.8	79.7	66.6
Tennessee	92.9	26.9	90.9	36.0	93.4	38.2	87.5	33.9
Texas	87.8	41.1	87.2	42.3	86.1	44.0	90.5	43.0
Utah	89.1	14.6	83.7	13.6	88.1	13.7	86.4	15.0
Vermont	100.0	87.0	100.0	74.8	100.0	85.5	100.0	76.2
Virginia	71.4	20.7	61.4	15.3	70.0	22.9	64.8	19.4
Washington	89.5	26.3	89.8	27.5	92.0	26.9	91.5	31.6
West Virginia	72.6	14.4	57.4	12.7	69.9	10.4	55.7	13.1
Wisconsin	79.7	25.4	75.9	21.4	80.6	28.9	75.6	24.8
Wyoming	48.4	2.7	73.0	2.0	47.6	1.7	50.5	1.5
Total	79.1	^R21.1	78.4	22.5	80.7	23.0	79.5	21.7

^R Revised Data.

NA Not Available.

— Not Applicable.

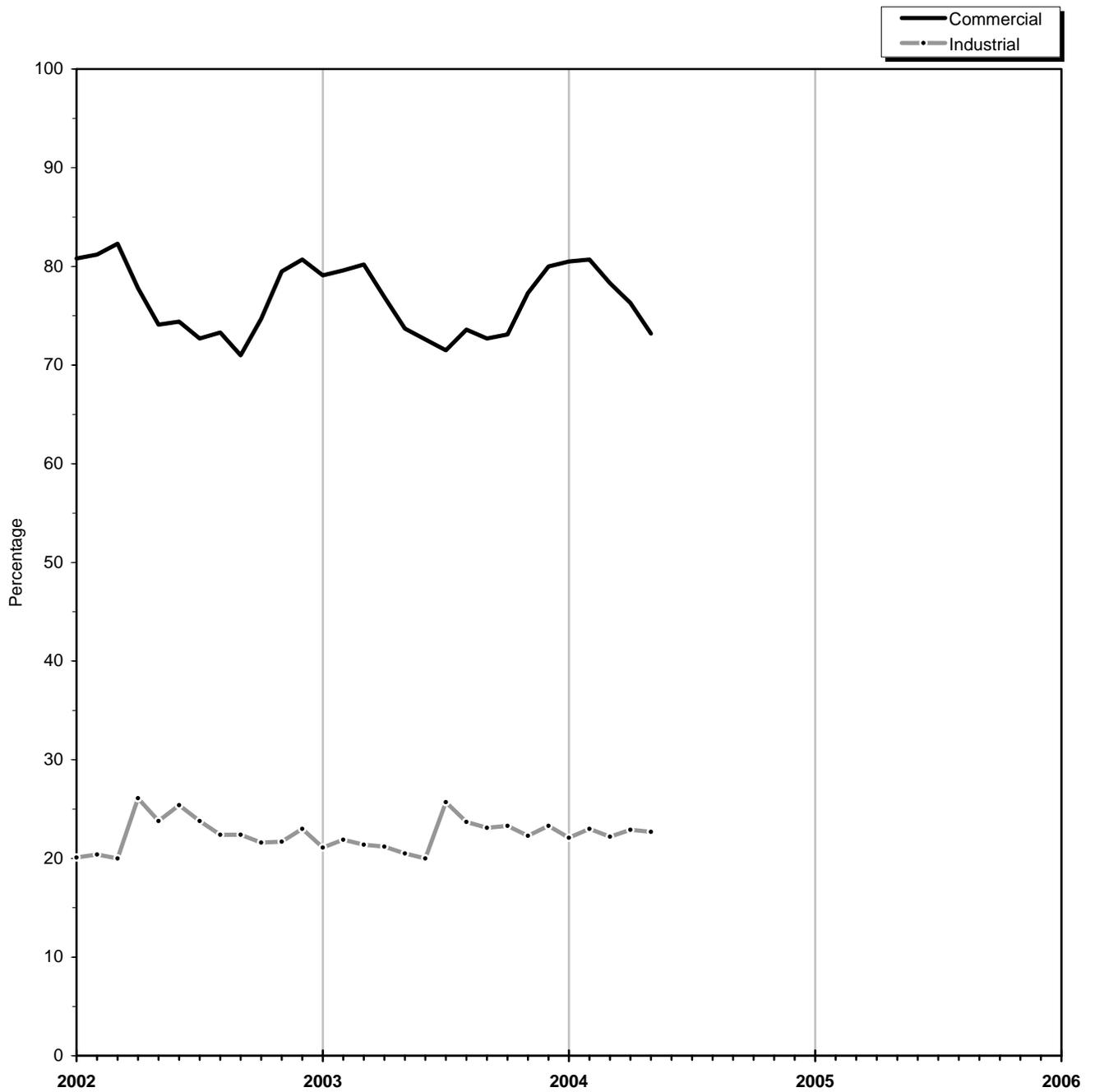
Notes: Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and industrial sectors. 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
Supply and Disposition	
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.
Consumption by Sector	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline and Distribution Use	Derived from Deliveries to Consumers
Residential	Estimated from sample data reported on Form EIA-857
Commercial	Estimated from sample data reported on Form EIA-857
Industrial	Estimated from sample data reported on Form EIA-857
Electric Power	Estimated from sample data reported on Form EIA-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:

$$m = n \frac{X_2}{X_{..}} \quad (2)$$

where:

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

X_2 = 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 $\left(I = \frac{X_2}{m} \right) I$. 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 X_2 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:

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

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:

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

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, May 2004

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	147	93	3,415	3,420	0.45	NA	NA
Alaska	0	0	0	0	—	—	—
Arizona	35	34	0	49	0.25	0.11	—
Arkansas	6	7	14	17	0.01	—	0.11
California	73	64	501	511	0.10	0.18	0.22
Colorado	2,064	702	674	2,282	NA	0.36	0.96
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	0	0	—	—	—
District of Columbia	0	0	0	0	NA	—	—
Florida	134	243	850	895	0.65	NA	NA
Georgia	155	1,539	2,193	2,684	0.44	NA	NA
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	249	713	327	823	0.35	NA	NA
Indiana	588	240	1,166	1,327	0.99	0.20	0.22
Iowa	123	46	8,123	8,124	0.42	0.40	NA
Kansas	24	123	539	554	0.15	0.03	NA
Kentucky	35	411	450	610	0.20	0.92	0.31
Louisiana	135	57	2,135	2,140	0.75	0.70	0.02
Maine	0	0	0	0	—	—	—
Maryland	14	17	NA	NA	0.09	0.37	0.82
Massachusetts	403	253	118	490	0.71	0.66	0.31
Michigan	73	13	76	106	0.01	0.01	0.07
Minnesota	501	181	246	586	0.49	0.26	0.29
Mississippi	43	72	417	425	0.87	0.43	NA
Missouri	29	88	222	240	0.50	0.31	NA
Montana	1	2	0	2	0.10	0.23	—
Nebraska	222	73	611	654	NA	NA	0.92
Nevada	0	0	0	0	—	—	—
New Hampshire	NA	NA	NA	NA	NA	NA	NA
New Jersey	0	0	0	0	—	—	—
New Mexico	31	130	27	136	0.28	0.48	0.26
New York	707	841	449	1,187	0.18	0.04	0.74
North Carolina	3	14	233	233	0.05	0.13	0.28
North Dakota	0	0	0	0	—	—	—
Ohio	1,000	820	1,951	2,341	0.93	NA	0.86
Oklahoma	31	59	1,936	1,937	0.05	0.12	NA
Oregon	0	0	0	0	—	—	—
Pennsylvania	545	132	303	637	0.43	0.22	NA
Rhode Island	0	0	0	0	—	—	—
South Carolina	45	66	163	181	0.69	0.23	0.18
South Dakota	0	0	0	0	—	—	—
Tennessee	241	289	551	667	0.60	0.75	0.83
Texas	786	1,625	0	1,805	0.38	0.47	—
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	109	80	183	227	0.93	0.53	0.25
Washington	NA	NA	NA	NA	NA	NA	NA
West Virginia	150	105	NA	NA	0.47	0.31	0.01
Wisconsin	450	606	2,819	2,919	0.76	0.96	0.84
Wyoming	8	25	144	146	NA	0.91	0.39
Total	2,821	2,887	10,359	11,117	0.12	0.25	0.22

NA Not Available.
— Not Applicable.

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

Appendix D

Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production	1,2,3	Monthly: Annual:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202) 586-6119
Extraction Loss	1	Monthly: Annual:	EIA computations Form EIA-816, "Monthly Natural Gas Liquids Report," and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	Steve Nalley (202) 586-0959
Supplemental Gaseous Fuels	2	Monthly: Annual:	EIA computations Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	Steve Nalley (202) 586-0959
Imports and Exports	2	Monthly: Annual:	EIA computations Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports"	Donna Guerrina (202) 586-6135
Price: City Gate, Residential, Commercial, and Industrial	4	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form EIA-910, "Monthly Natural Gas Marketer Survey"	Roy Kass (202) 586-4790 Amy Sweeney (202) 586-2627
Wellhead	4	Monthly: Annual:	EIA computations Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"	William Trapmann (202) 586-6408
Electric Power	4	Monthly:	Form FERC-423, "Cost and Quality of Fuels for Electric Power Plant," Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants"	Steve Scott 202-287-1737 Rebecca McNemay 202-287-1913
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Office of Fossil Energy, U.S. Department Of Energy, "Natural Gas Imports and Exports"	Donna Guerrina (202) 586-6135
Producer Related Activities: Natural Gas Production	7,8	Monthly:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202) 586-6119
Underground Storage:	9,10,11, 12,13,14	Monthly:	Form EIA-191, "Monthly Underground Gas Storage Report"	Carol Jones (202) 586-6168
Distribution and Consumption: Deliveries to: Residential, Commercial, Industrial, Electric Power, All Consumers	15 16 17 18 19	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form EIA-906, "Power Plant Report"	Roy Kass (202) 586-4790
Average Price to: City Gate, Residential, Commercial, Industrial, Electric Power	20 21 22 23 24	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants" Form EIA-910, "Monthly Natural Gas Marketer Survey"	Roy Kass (202) 586-4790
Onsystem Sales	25	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Heating Degree Days	26	Seasonal:	National Oceanic and Atmospheric Administration	Patricia Wells (202) 586-6077
Highlights				Eva Fleming (202) 586-6113

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.