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Natural Gas Monthly
July 2002

Energy Information Administration
Office of Oil and Gas
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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
Publications		
Weekly Natural Gas Storage Report	HTML	Weekly natural gas stocks and implied net changes by three regions and U.S. total
Natural Gas Weekly Update	PDF	Analysis of current price, supply and storage data
Natural Gas Monthly	PDF	Monthly supply, disposition, and price data
Natural Gas Annual	PDF	Annual supply, disposition, and price data
Historical Natural Gas Annual	PDF	Historical annual supply, disposition, and price data from 1930 - 1999
U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves	PDF	Proved reserves in the United States
Oil and Gas Field Code Master List	PDF	Listing of U.S. oil and gas field names
Databases		
Monthly Data	TXT	Tables 1-6, and 9 from the *Natural Gas Monthly*
Historical Monthly Data	EXE	Consumption and price data, 1984-1994; 1995-present
Annual Data	TXT	Tables from the *Natural Gas Annual*
Historical Annual Data	TXT	Tables from the *Historical Natural Gas Annual*
Applications		
EIA-176 Query System	EXE	Company filings of 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.

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
Btu	British thermal unit	MMcf	Million cubic feet
DOE	U.S. Department of Energy	MMS	Minerals Management Service, U.S. Department of the Interior
EIA	Energy Information Administration, U.S. Department of Energy	OCS	Outer Continental Shelf
FERC	Federal Energy Regulatory Commission	STIFS	Short-Term Integrated Forecasting System
IOGCC	Interstate Oil and Gas Compact Commission	STEO	Short-Term Energy Outlook
LNG	Liquefied natural gas	Tcf	Trillion cubic feet

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Highlights

This issue of the *Natural Gas Monthly* contains estimates of natural gas data through April 2002 for many data series at the national level. National-level natural gas prices are available through January 2002 (electric utilities), or April (residential, commercial, industrial, and wellhead). State-level data generally are available through April 2002, although underground storage data are available through May 2002.

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.

Consumption by Electric Utilities

Data for natural gas consumption by electric utilities are not available for March and April 2002 in this issue of the *Natural Gas Monthly*. However, consumption data for the other end-use sectors are available. The March and April 2002 electricity consumption data may be available before the next issue of the Natural Gas Monthly as part of Table 41 of the next issue of the *Electric Power Monthly* report. You may find this report on the EIA web site. Click on the by-fuel section of the home page and select electricity. The URL to get directly to the *Electric Power Monthly* is: http://www.eia.doe.gov/cneaf/electricity/epm/epm_sum.html.

Table 1. Summary of Natural Gas Production in the United States, 1996-2002

(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]
1996 Total	**24,114**	**3,511**	**518**	**272**	**19,812**	**958**	**18,854**
1997 Total	**24,213**	**3,492**	**599**	**256**	**19,866**	**964**	**18,902**
1998 Total	**24,108**	**3,427**	**617**	**103**	**19,961**	**938**	**19,024**
1999 Total	**23,823**	**3,293**	**615**	**110**	**19,805**	**973**	**18,832**
2000							
January	2,061	302	51	8	1,700	86	1,614
February	1,917	289	50	10	1,569	80	1,489
March	2,085	307	54	7	1,717	87	1,630
April	1,966	282	51	10	1,623	82	1,540
May	2,009	264	52	8	1,686	86	1,600
June	1,971	268	52	8	1,643	83	1,560
July	2,024	264	53	11	1,697	86	1,611
August	2,042	275	53	8	1,707	87	1,620
September	1,985	279	52	8	1,647	84	1,563
October	2,088	302	53	8	1,725	88	1,638
November	1,986	297	45	7	1,636	83	1,553
December	2,019	306	54	7	1,652	84	1,568
Total	**24,153**	**3,434**	**617**	**100**	**20,002**	**1,016**	**18,987**
2001							
January	E2,131	E314	E46	E9	E1,762	E89	E1,672
February	E1,928	E289	E39	E8	E1,592	E81	E1,511
March	E2,154	E336	E43	E9	E1,767	E90	E1,677
April	E2,059	E306	E42	E8	E1,703	E87	E1,616
May	E2,100	E300	E41	E9	E1,750	E89	E1,661
June	E1,999	E284	E41	E8	E1,665	E85	E1,580
July	E2,061	E285	E43	E9	E1,723	E88	E1,635
August	E2,064	E293	E43	E10	E1,718	E87	E1,631
September	E1,984	E274	E42	E9	E1,659	E84	E1,575
October	E2,073	E276	E44	E10	E1,743	E89	E1,654
November	E2,050	E321	E43	E9	E1,676	E85	E1,591
December	E2,102	E336	E40	E9	E1,717	E87	E1,630
Total	**E24,703**	**E3,615**	**E508**	**E106**	**E20,474**	**E1,040**	**E19,434**
2002							
January	RE2,107	E327	RE33	E9	RE1,739	E88	RE1,650
February	RE1,918	E304	RE30	E8	RE1,576	RE80	RE1,496
March	RE2,127	RE333	RE34	E9	RE1,752	RE89	RE1,663
April	E1,998	E313	E31	E9	E1,645	E84	E1,561
2002 YTD	**E8,150**	**E1,277**	**E128**	**E35**	**E6,711**	**E341**	**E6,370**
2001 YTD	**E8,271**	**E1,245**	**E169**	**E34**	**E6,823**	**E347**	**E6,477**
2000 YTD	**8,029**	**1,180**	**205**	**35**	**6,609**	**336**	**6,273**

[a] See Appendix A, Explanatory Note 1, 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 1996 through 2000 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: 1996-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000.* January 2001 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and EIA estimates. See Appendix A, Explanatory Notes 1, 3, and 6, for discussion of computation and estimation procedures and revision policies.

Table 2

Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1996-2002

(Billion Cubic Feet)

Year and Month	Dry Gas Production	Supplemental Gaseous Fuels[a]	Net Imports	Net Storage Withdrawals[b]	Balancing Item[c]	Consumption[d]
1996 Total	**18,854**	**109**	**2,784**	**2**	**217**	**21,967**
1997 Total	**18,902**	**103**	**2,837**	**24**	**61**	**21,959**
1998 Total	**19,024**	**102**	**2,993**	**-530**	**-334**	**21,277**
1999 Total	**18,832**	**98**	**3,422**	**172**	**-897**	**21,620**
2000						
January	1,614	9	308	799	-220	2,510
February	1,489	8	279	460	95	2,331
March	1,630	7	286	155	-28	2,051
April	1,540	6	277	-47	6	1,783
May	1,600	6	268	-237	-5	1,633
June	1,560	5	280	-291	-41	1,513
July	1,611	7	303	-296	-99	1,526
August	1,620	7	298	-201	-71	1,653
September	1,563	6	284	-297	-81	1,475
October	1,638	7	301	-247	-131	1,568
November	1,553	8	305	295	-252	1,909
December	1,568	9	349	735	-74	2,587
Total	**18,987**	**86**	**3,538**	**829**	**-827**	**22,547**
2001						
January	E1,672	E8	349	467	126	R2,622
February	E1,511	E7	303	338	R118	2,277
March	E1,677	E7	327	181	R7	R2,199
April	E1,616	E6	297	-276	R136	R1,779
May	E1,661	E5	300	-448	R-36	R1,483
June	E1,580	E5	300	-422	R-83	R1,380
July	E1,635	E7	336	-376	R-77	R1,525
August	E1,631	E6	327	-305	R-108	R1,551
September	E1,575	E6	284	-368	R-73	R1,423
October	E1,654	E6	E294	-189	R-182	R1,584
November	E1,591	E7	256	-85	R-145	R1,624
December	E1,630	E8	275	350	R-240	R2,023
Total	**E19,434**	**E77**	**E3,647**	**-1,134**	**R-556**	**R21,468**
2002						
January	RE1,650	E8	318	546	R-165	R2,357
February	RE1,496	E7	272	462	R-112	R2,124
March	RE1,663	E8	E304	320	R-142	R2,153
April	E1,561	E6	E261	-126	16	1,718
2002 YTD	**E6,370**	**E28**	**E1,154**	**1,202**	**-403**	**8,352**
2001 YTD	**E6,477**	**E28**	**1,276**	**709**	**387**	**8,877**
2000 YTD	**6,273**	**31**	**1,150**	**1,368**	**-147**	**8,675**

[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 1996 through 2000 include underground storage and liquefied natural gas storage. Data for January 2001 forward include underground storage only. See Appendix A, Explanatory Note 7 for discussion of computation procedures.

[c] Represents quantities lost and imbalances in data due to differences among data sources. Annual balancing item for 1997-2000 includes net intransit deliveries through the United States for natural gas not contained in the monthly net imports figures. These intransit deliveries were (in billion cubic feet): -65 for 2000; -8 for 1999; 22 for 1998; 31 for 1997. See Appendix A, Explanatory Note 9, 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.

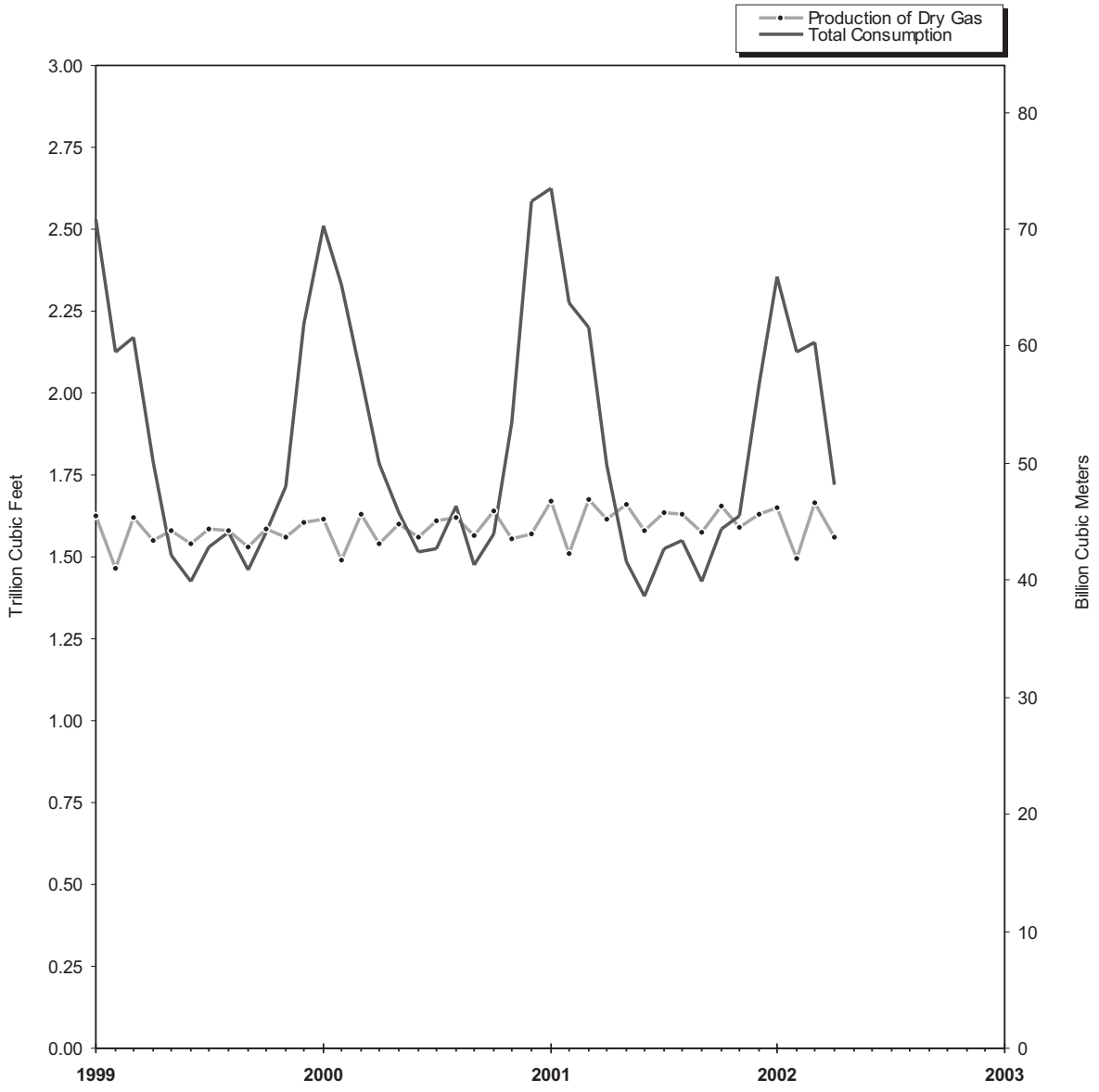
[RE] Revised Estimated Data.

Notes: Data for 1996 through 2000 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: 1996-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000*. January 2001 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 2 and 4, for discussion of computation and estimation procedures and revision policies.

Figure 1

Figure 1. Production and Consumption of Natural Gas in the United States, 1999-2002



Source: Table 2.

Table 3

Table 3. Natural Gas Consumption in the United States, 1996-2002

(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel[a]	Pipeline Fuel[b]	Delivered to Consumers					Total Consumption
			Residential	Commercial [c]	Industrial	Electric Utilities	Total	
1996 Total	**1,250**	**711**	**5,241**	**3,161**	**8,870**	**2,732**	**20,006**	**21,967**
1997 Total	**1,203**	**751**	**4,984**	**3,219**	**8,832**	**2,968**	**20,004**	**21,959**
1998 Total	**1,173**	**635**	**4,520**	**3,005**	**8,686**	**3,258**	**19,469**	**21,277**
1999 Total	**1,079**	**645**	**4,726**	**3,050**	**9,006**	**3,113**	**19,895**	**21,620**
2000								
January	96	73	862	454	835	190	2,342	2,510
February	89	67	774	423	809	167	2,174	2,331
March	97	59	550	353	785	208	1,894	2,051
April	92	51	401	259	767	215	1,640	1,783
May	94	46	228	183	772	309	1,492	1,633
June	92	43	154	150	767	307	1,378	1,513
July	95	43	128	139	746	373	1,387	1,526
August	96	47	122	153	825	410	1,510	1,653
September	93	42	141	151	765	284	1,340	1,475
October	98	44	236	184	793	213	1,426	1,568
November	93	55	482	293	806	180	1,761	1,909
December	94	75	913	475	843	187	2,418	2,587
Total	**1,130**	**644**	**4,992**	**3,226**	**9,512**	**3,043**	**20,772**	**22,547**
2001								
January	E100	75	R982	R512	R795	R158	2,447	R2,622
February	E90	65	788	R439	R752	R144	2,122	2,277
March	E100	63	R686	388	R790	R172	R2,036	R2,199
April	E96	51	R411	R268	R741	R212	R1,632	R1,779
May	E99	42	R214	190	R701	R236	R1,341	R1,483
June	E94	39	149	162	673	261	R1,246	R1,380
July	E97	R44	125	146	756	R357	R1,384	R1,525
August	E97	44	118	R150	R781	R361	R1,409	R1,551
September	E94	41	129	R158	R746	R255	R1,289	R1,423
October	E98	45	239	R199	R778	R225	R1,441	R1,584
November	E95	46	364	R234	R733	151	R1,483	R1,624
December	E97	58	608	R340	R767	153	R1,868	R2,023
Total	**E1,157**	**R614**	**R4,813**	**R3,185**	**R9,013**	**R2,686**	**R19,698**	**R21,468**
2002								
January	E98	67	R820	R433	R792	R147	R2,191	R2,357
February	RE89	R61	703	392	R741	R137	R1,974	R2,124
March	RE99	R56	660	377	R756	NA	R1,998	R2,153
April	E95	43	417	271	693	NA	1,580	1,718
2002 YTD[d]	**381**	**227**	**2,600**	**1,472**	**2,982**	NA	**7,743**	**8,352**
2001 YTD[d]	**386**	**254**	**2,867**	**1,607**	**3,078**	**686**	**8,237**	**8,877**
2000 YTD[d]	**375**	**250**	**2,587**	**1,489**	**3,196**	**779**	**8,050**	**8,675**

[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 fuel use is collected only on an annual basis. Monthly pipeline fuel data are estimated from monthly total consumption(excluding pipeline fuel) by assuming that the preceding annual percentage remains constant for the next twelve months.

[c] Vehicle fuel is included in the annual total of deliveries to commercial consumers for 1996-2000 but not in the monthly volumes. Volumes delivered for use as vehicle fuel (in billion cubic feet) were 2.9 in 1996, 4.4 in 1997, 5.1 in 1998, 5.7 in 1999, and 8.3 in 2000.

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

R Revised Data.

E Estimated Data.

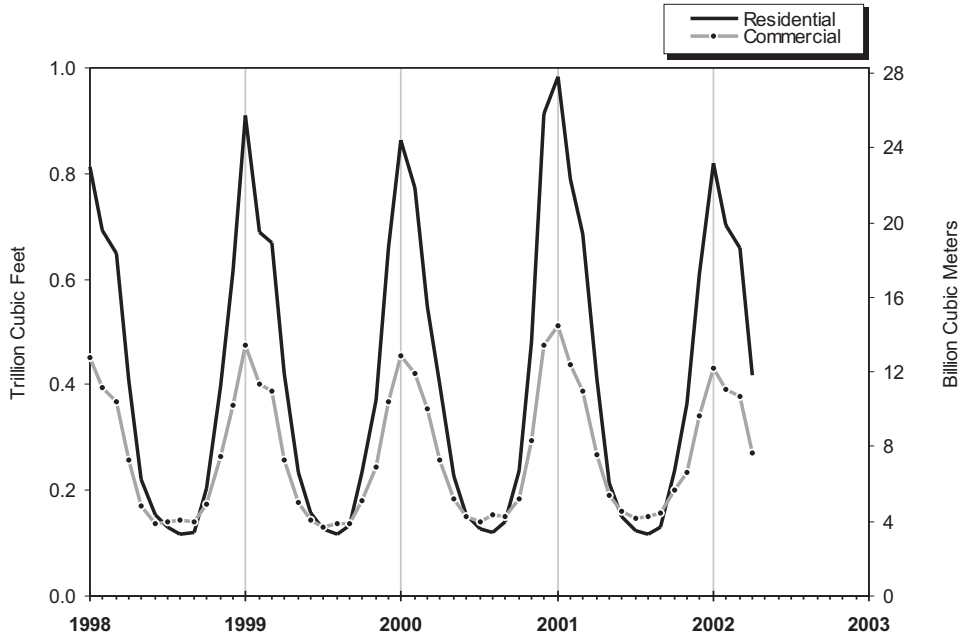
RE Revised Estimated Data.

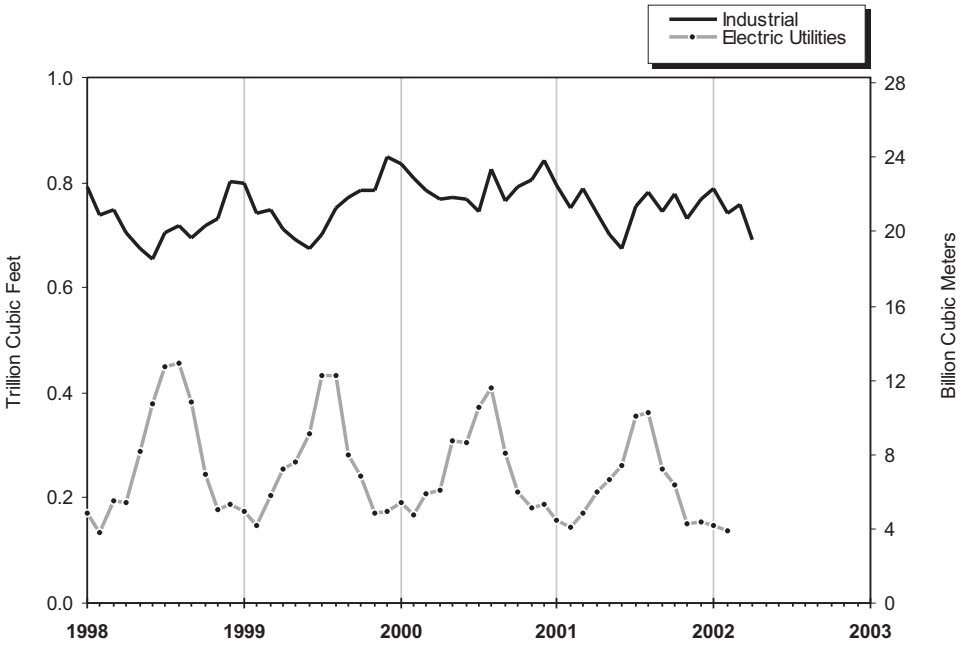
NA Not Available.

Notes: Data for 1996 through 2000 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. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. See Explanatory Note 5 for further explanation.

Sources: 1996-2000: 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," EIA computations, and *Natural Gas Annual 2000.* January 2001 through the current month: EIA: Form EIA-895, Form EIA-857, and Form EIA-759. See Appendix A, Explanatory Note 5, for computation procedures and revision policy.

Figure 2. Natural Gas Deliveries to Consumers in the United States, 1998-2002





Source: Table 3.

Table 4

Table 4. Selected National Average Natural Gas Prices, 1996-2002

(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price[a]	City Gate Price	Delivered to Consumers					
			Residential Price	Commercial		Industrial		Electric Utilities Price
				Price	% of Total[b]	Price	% of Total[b]	
1996 Annual Average	**2.17**	**3.34**	**6.34**	**5.40**	**77.6**	**3.42**	**19.4**	**2.69**
1997 Annual Average	**2.32**	**3.66**	**6.94**	**5.80**	**70.8**	**3.59**	**18.1**	**2.78**
1998 Annual Average	**1.96**	**3.07**	**6.82**	**5.48**	**67.0**	**3.14**	**16.1**	**2.40**
1999 Annual Average	**2.19**	**3.10**	**6.69**	**5.33**	**66.2**	**3.10**	**17.5**	**2.62**
2000								
January	2.60	3.27	6.37	5.78	66.5	3.41	18.7	2.74
February	2.73	3.48	6.54	5.96	67.4	3.68	19.4	2.96
March	2.66	3.54	6.91	5.78	62.4	3.54	18.2	3.00
April	2.86	3.72	7.19	6.04	61.2	3.59	18.0	3.23
May	3.04	4.15	8.26	5.98	59.6	3.67	17.0	3.63
June	3.77	5.19	9.50	6.49	56.5	4.24	18.1	4.45
July	3.84	5.20	10.33	6.56	55.5	4.55	17.6	4.35
August	3.73	4.63	10.37	6.09	57.7	4.33	17.1	4.27
September	4.26	5.21	10.10	6.93	56.0	4.88	16.5	4.85
October	4.58	5.66	9.44	7.49	58.5	5.45	16.6	5.17
November	4.40	5.20	8.58	7.57	63.0	5.39	19.8	5.37
December	5.77	6.64	8.56	8.20	67.5	6.67	20.4	8.23
Annual Average	**3.69**	**4.62**	**7.76**	**6.59**	**62.9**	**4.48**	**18.1**	**4.38**
2001								
January	[E]8.06	8.84	10.06	[R]9.41	[R]70.6	[R]8.65	[R]16.2	9.47
February	[E]5.84	[R]7.20	[R]10.32	[R]9.72	[R]68.8	[R]7.31	[R]15.5	6.85
March	[E]5.15	6.17	9.91	[R]9.02	[R]67.2	[R]6.38	[R]14.9	5.69
April	[E]5.21	6.35	10.18	[R]8.86	64.7	[R]6.16	[R]13.8	5.70
May	[E]4.56	5.89	[R]11.12	[R]8.52	[R]57.0	[R]5.44	12.9	[R]5.15
June	[E]3.88	5.36	[R]11.52	6.91	61.5	[R]4.79	13.0	[R]4.35
July	[E]3.39	4.28	[R]11.02	[R]7.02	54.5	3.94	[R]18.7	[R]3.84
August	[E]3.23	4.27	[R]10.78	[R]6.58	[R]55.1	3.78	[R]18.3	[R]3.73
September	[E]2.55	3.64	10.16	[R]6.27	[R]52.8	[R]3.28	[R]19.3	3.15
October	[E]2.40	3.47	8.18	[R]5.88	[R]58.4	3.01	[R]19.4	2.79
November	[E]2.74	4.17	7.97	[R]6.53	63.0	[R]3.95	[R]18.3	[R]3.31
December	[E]2.38	4.08	[R]7.29	[R]6.51	[R]66.5	[R]3.43	19.5	[R]3.11
Annual Average	**[E]4.12**	**[R]5.83**	**9.63**	**[R]8.12**	**[R]64.1**	**[R]4.85**	**16.7**	**[R]4.51**
2002								
January	[E]2.35	4.16	[R]7.24	[R]6.54	67.0	[R]3.65	[R]20.8	[R]3.39
February	[E]2.14	3.86	7.19	6.52	65.7	3.30	20.8	[NA]
March	[E]2.52	3.87	6.96	6.28	65.4	3.36	20.8	[NA]
April	[E]3.02	4.09	7.56	6.62	57.5	4.01	17.0	[NA]
2002 YTD[c]	**[E]2.51**	**4.00**	**7.21**	**6.48**	**64.4**	**3.55**	**19.9**	[NA]
2001 YTD[c]	**[E]6.07**	**7.38**	**10.11**	**9.31**	**68.3**	**7.19**	**15.1**	**7.21**
2000 YTD[c]	**2.71**	**3.47**	**6.66**	**5.87**	**64.9**	**3.55**	**18.6**	**2.90**

[a] See Appendix A, Explanatory Note 8, for discussion of wellhead prices.

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

[c] Year-to-date price represents months for which price information is available in the current year. The electric utility year-to-date price is 3 months behind the wellhead, city gate, residential, commercial, and industrial year-to-date prices.

[R] Revised Data.

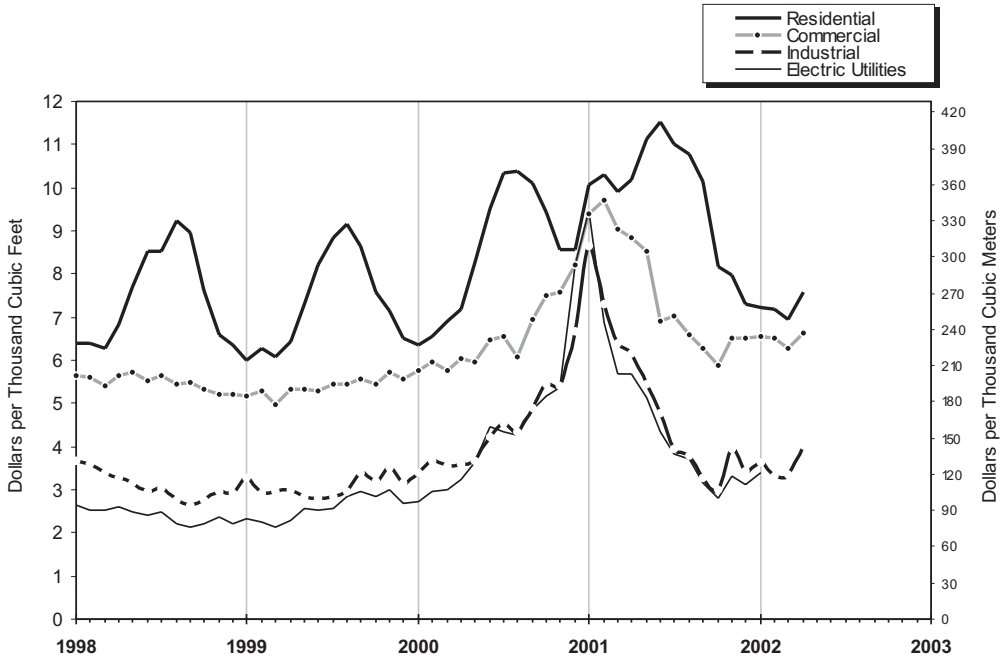
[E] Estimated Data.

[NA] Not Available.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. In 1996, consumption of natural gas for agricultural use was classified as industrial use. See Appendix A, Explanatory Note 5 for further explanation.

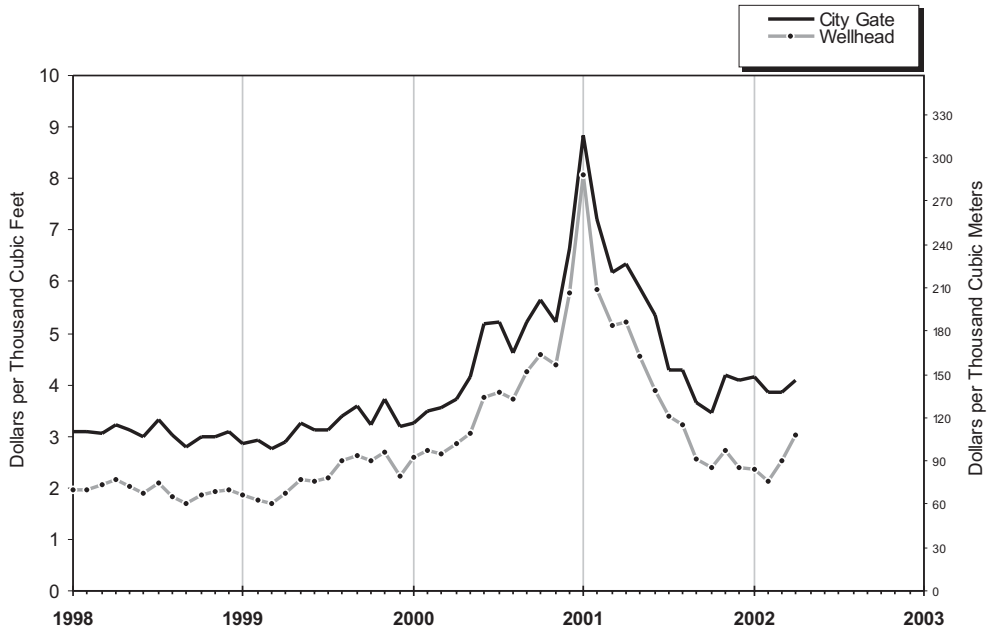
Sources: 1996-2000: Energy Information Administration (EIA) *Natural Gas Annual 2000.* January 2001 through current month: EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and EIA estimates.

Figure 3. Average Price of Natural Gas Delivered to Consumers in the U.S., 1998-2002



Source: Table 4.

Figure 4. Average Price of Natural Gas in the United States, 1998-2002



Source: Table 4.

Table 5

Table 5. U.S. Natural Gas Imports, by Country, 1996-2002

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

Year and Month	Pipeline				LNG					
	Canada		Mexico		Algeria		Australia		Nigeria	
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1996 Total	**2,883,277**	**1.96**	**13,862**	**2.25**	**35,325**	**2.70**	**0**	—	**0**	—
1997 Total	**2,899,152**	**2.15**	**17,243**	**2.31**	**65,675**	**2.67**	**9,686**	**2.92**	**0**	—
1998 Total	**3,052,073**	**1.95**	**14,532**	**2.03**	**68,567**	**2.51**	**11,634**	**3.30**	**0**	—
1999 Total	**3,367,545**	**2.23**	**54,530**	**2.14**	**75,763**	**2.41**	**11,904**	**2.70**	**0**	—
2000										
January	310,181	2.42	2,911	2.30	5,026	2.61	0	—	0	—
February	289,222	2.57	730	2.50	4,987	3.76	0	—	0	—
March	291,469	2.60	316	2.60	3,990	2.49	0	—	0	—
April	273,881	2.85	756	2.97	2,566	2.72	2,274	3.21	0	—
May	274,616	3.05	0	—	2,453	3.13	0	—	0	—
June	278,529	3.89	0	—	2,529	3.53	0	—	2,488	4.14
July	293,353	3.99	27	4.01	2,562	3.40	2,285	3.26	2,496	4.86
August	295,355	3.65	10	4.64	2,370	3.87	0	—	2,510	3.56
September	282,921	4.19	209	5.00	2,556	4.11	1,270	3.28	2,658	3.52
October	296,022	5.27	1,115	5.17	7,570	3.46	0	—	2,503	5.80
November	309,337	4.94	1,231	5.61	2,552	3.98	116	3.44	0	—
December	349,079	7.47	4,297	8.73	7,786	4.29	0	—	0	—
Total	**3,543,966**	**3.97**	**11,601**	**5.43**	**46,947**	**3.48**	**5,945**	**3.25**	**12,654**	**4.37**
2001										
January	353,515	9.63	2,416	7.98	5,020	4.05	0	—	2,478	10.79
February	306,961	6.49	1,139	5.45	7,658	5.52	0	—	5,068	6.25
March	335,175	5.42	1,482	4.89	7,606	5.87	0	—	2,535	9.05
April	296,754	5.40	2,102	5.11	5,009	3.88	0	—	4,822	5.42
May	301,938	5.01	157	4.44	7,572	3.58	0	—	5,067	5.43
June	297,497	3.92	0	—	3,943	2.71	0	—	7,547	4.92
July	341,932	3.12	0	—	7,754	3.14	1,187	3.79	2,888	5.09
August	336,466	3.11	0	—	5,058	2.73	1,207	3.92	2,606	2.99
September	295,061	2.58	0	—	5,087	2.76	0	—	4,955	3.30
October	316,637	2.14	0	—	2,491	2.48	0	—	0	—
November	285,244	2.96	160	2.04	2,510	2.25	0	—	0	—
December	295,445	2.67	2,821	2.44	5,237	2.68	0	—	0	—
Total	**3,762,624**	**4.43**	**10,276**	**5.00**	**64,945**	**3.73**	**2,394**	**3.86**	**37,966**	**5.56**
2002										
January	338,934	2.70	941	2.58	2,726	3.77	0	—	0	—
February	288,892	2.30	770	2.09	0	—	0	—	0	—
March	327,175	2.61	0	—	0	—	0	—	0	—
April	R285,251	NA	2,158	NA	0	—	0	—	0	—
May	E295,533	NA	3,790	NA	0	—	0	—	0	—
2002 YTD	**E1,535,786**	NA	**7,660**	NA	**2,726**	**3.77**	**0**	—	**0**	—
2001 YTD	**1,594,343**	**6.48**	**7,295**	**6.05**	**32,865**	**4.68**	**0**	—	**19,969**	**6.76**
2000 YTD	**1,439,370**	**2.69**	**4,713**	**2.46**	**19,022**	**2.97**	**2,274**	**3.21**	**0**	—

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports, by Country, 1996-2002

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

Year and Month	LNG								Total	
	Qatar		Trinidad		United Arab Emirates		Other		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1996 Total	**0**	—	**0**	—	**4,949**	**3.46**	**0**	—	**2,937,413**	**1.97**
1997 Total	**0**	—	**0**	—	**2,417**	**3.74**	**0**	—	**2,994,173**	**2.17**
1998 Total	**0**	—	**0**	—	**5,252**	**2.63**	**0**	—	**3,152,058**	**1.97**
1999 Total	**19,697**	**2.71**	**50,777**	**2.39**	**2,713**	**3.03**	[a]2,576	**2.36**	**3,585,505**	**2.24**
2000										
January	0	—	7,780	3.01	0	—	0	—	325,897	2.44
February	0	—	5,168	2.91	0	—	0	—	300,107	2.60
March	2,428	2.79	8,393	2.89	0	—	0	—	306,596	2.61
April	7,254	2.71	7,285	3.05	0	—	0	—	294,016	2.86
May	0	—	10,723	3.05	0	—	0	—	287,793	3.05
June	2,385	2.76	7,390	3.48	2,725	3.53	0	—	296,046	3.87
July	4,793	3.97	14,307	3.30	0	—	[b]2,464	2.86	322,285	3.94
August	7,167	3.15	8,435	3.30	0	—	[b]2,461	2.86	318,308	3.62
September	7,625	3.97	4,864	2.98	0	—	[b]2,740	4.20	304,843	4.15
October	7,165	4.14	7,392	3.65	0	—	[c]2,760	3.99	324,527	5.16
November	7,241	3.32	6,950	3.85	0	—	[b]2,333	3.44	329,759	4.86
December	0	—	10,262	5.14	0	—	0	—	371,425	7.35
Total	**46,057**	**3.44**	**98,949**	**3.43**	**2,725**	**3.53**	**12,758**	**3.50**	**3,781,603**	**3.95**
2001										
January	0	—	10,707	7.04	0	—	0	—	374,136	9.48
February	0	—	6,635	4.78	0	—	[b]2,738	8.70	330,199	6.44
March	2,400	3.17	10,704	4.74	0	—	0	—	359,902	5.42
April	2,452	6.60	8,028	4.26	0	—	[b]1,702	4.65	320,869	5.35
May	4,975	4.47	9,530	4.15	0	—	0	—	329,238	4.95
June	3,076	5.82	10,407	3.77	0	—	[b]1,616	3.99	324,087	3.94
July	4,934	3.97	6,701	3.95	0	—	[b]1,635	4.65	367,031	3.17
August	0	—	7,519	3.60	0	—	[b]2,728	4.99	355,584	3.13
September	4,919	3.24	5,230	3.68	0	—	[b]1,635	4.65	316,888	2.63
October	0	—	9,234	2.17	0	—	0	—	328,362	2.14
November	0	—	5,340	3.19	0	—	0	—	293,253	2.96
December	0	—	7,975	3.12	0	—	0	—	311,478	2.68
Total	**22,758**	**4.37**	**98,009**	**4.14**	**0**	—	**12,055**	**5.56**	**4,011,027**	**4.43**
2002										
January	0	—	5,318	3.80	0	—	0	—	347,919	2.72
February	0	—	7,571	3.10	0	—	0	—	297,233	2.32
March	0	—	10,151	2.90	0	—	0	—	337,326	2.62
April	2,439	NA	[R]10,269	NA	0	—	0	—	[R]300,118	NA
May	0	—	8,868	NA	0	—	[a]2,423	NA	[E]310,614	NA
2002 YTD	**2,439**	NA	**42,177**	NA	**0**	—	**2,423**	NA	[E]**1,593,210**	NA
2001 YTD	**9,828**	**4.68**	**45,604**	**5.08**	**0**	—	**4,440**	**7.15**	**1,714,344**	**6.40**
2000 YTD	**9,682**	**2.73**	**39,349**	**2.99**	**0**	—	**0**	—	**1,514,409**	**2.70**

[a] Received from Malaysia.
[b] Received from Oman.
[c] Received from Indonesia.
[R] Revised Data.
[E] Estimated Data.
NA Not Available.
— Not Applicable.

Sources: January 1996 through the current month (except estimates): Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports". Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 6

Table 6. U.S. Natural Gas Exports, by Country, 1996-2002

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

Year and Month	Pipeline				LNG				Total	
	Canada		Mexico		Japan		Mexico		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1996 Total	**51,905**	**2.67**	**33,840**	**2.11**	**67,648**	**3.65**	**0**	—	**153,393**	**2.97**
1997 Total	**56,447**	**2.52**	**38,372**	**2.46**	**62,187**	**3.83**	**0**	—	**157,006**	**3.02**
1998 Total	**39,891**	**2.25**	**53,133**	**2.04**	**65,951**	**2.91**	**33**	**5.69**	**159,007**	**2.45**
1999 Total	**38,508**	**2.35**	**61,025**	**2.27**	**63,607**	**3.08**	**275**	**6.95**	**163,415**	**2.61**
2000										
January	6,234	2.50	5,937	2.39	5,569	4.04	36	5.82	17,776	2.95
February	9,017	2.70	6,394	2.62	5,566	4.08	37	5.82	21,015	3.05
March	9,051	2.74	7,641	2.70	3,769	4.18	45	5.82	20,505	3.00
April	3,093	2.86	8,222	2.94	5,670	4.25	30	5.82	17,015	3.37
May	3,732	3.15	10,338	3.23	5,709	4.27	31	5.82	19,810	3.52
June	3,742	4.11	8,714	4.30	3,763	4.34	30	5.82	16,249	4.27
July	3,762	4.37	10,157	4.52	5,597	4.36	29	5.82	19,546	4.45
August	3,900	3.90	11,248	4.16	5,598	4.22	29	5.82	20,775	4.13
September	4,682	4.76	10,265	5.07	5,592	4.37	28	5.82	20,568	4.81
October	5,327	5.26	10,197	5.31	7,512	4.51	35	5.82	23,070	5.04
November	9,877	3.97	9,154	4.78	5,686	4.49	51	5.82	24,767	4.39
December	10,169	4.32	6,834	8.57	5,579	4.51	38	5.82	22,621	5.65
Total	**72,586**	**3.66**	**105,102**	**4.26**	**65,610**	**4.31**	**418**	**5.82**	**243,716**	**4.10**
2001										
January	11,818	6.84	8,111	10.34	5,571	4.68	47	5.82	25,547	7.48
February	15,379	5.41	8,009	7.06	3,714	4.73	42	5.82	27,144	5.80
March	19,691	4.52	7,110	6.22	5,569	4.70	42	5.82	32,412	4.93
April	12,683	5.67	5,326	7.10	5,594	4.25	34	5.82	23,637	5.66
May	13,328	5.00	9,940	6.88	5,677	4.22	35	5.82	28,981	5.49
June	9,568	4.05	11,183	5.27	3,780	4.28	23	5.82	24,554	4.64
July	10,449	3.38	14,939	3.53	5,665	4.27	32	5.82	31,086	3.62
August	7,567	3.19	15,531	3.31	5,684	4.29	33	5.82	28,814	3.47
September	10,030	2.46	17,610	2.45	5,676	4.39	35	5.82	33,350	2.79
October	10,907	2.22	15,920	2.29	7,576	4.41	49	5.82	34,452	2.74
November	15,819	3.12	15,489	2.98	5,644	4.29	47	5.82	37,000	3.24
December	20,224	2.51	10,751	2.55	5,602	4.29	46	5.82	36,624	2.80
Total	**157,462**	**4.06**	**139,920**	**4.34**	**65,753**	**4.39**	**465**	**5.82**	**363,600**	**4.23**
2002										
January	11,840	2.64	12,167	2.65	5,605	4.26	51	5.82	29,663	2.96
February	11,418	2.11	10,421	2.24	3,755	4.02	37	5.82	25,631	2.45
March	10,018	2.46	17,873	2.68	5,619	3.73	39	5.82	33,549	2.79
April	R14,008	NA	E17,873	NA	7,427	NA	NA	NA	RE39,309	NA
May	E13,786	NA	E17,873	NA	1,853	NA	NA	NA	E33,512	NA
2002 YTD	**E61,069**	**NA**	**E76,208**	**NA**	**24,259**	**NA**	**NA**	**NA**	**E161,664**	**NA**
2001 YTD	**72,898**	**5.37**	**38,497**	**7.56**	**26,125**	**4.50**	**201**	**5.82**	**137,721**	**5.82**
2000 YTD	**31,127**	**2.74**	**38,532**	**2.83**	**26,283**	**4.16**	**179**	**5.82**	**96,120**	**3.17**

R Revised Data.
E Estimated Data.
RE Revised Estimated Data.
NA Not Available.
— Not Applicable.

Sources: January 1996 through the current month (except estimates): Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports". Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 7. Marketed Production of Natural Gas, by State, 1996-2002

(Million Cubic Feet)

Year and Month	Alabama[b]	Alaska	Arizona	California	Colorado	Florida	Kansas
1996 Total	**530,841**	**480,828**	**463**	**286,494**	**572,071**	**6,006**	**712,796**
1997 Total	**583,272**	**468,311**	**452**	**285,690**	**637,375**	**6,114**	**687,215**
1998 Total	**562,714**	**466,648**	**457**	**315,277**	**696,321**	**5,796**	**603,586**
1999 Total	**545,464**	**462,967**	**474**	**382,715**	**722,738**	**5,933**	**553,419**
2000							
January	46,526	42,242	37	31,663	65,091	564	49,597
February	44,084	38,430	26	27,675	60,155	547	41,606
March	43,869	42,505	27	29,706	64,390	653	44,924
April	43,318	37,290	28	28,970	61,056	595	43,591
May	44,231	33,531	31	30,981	65,137	575	43,837
June	43,196	35,890	32	30,558	59,184	474	44,129
July	43,985	35,559	32	32,823	62,541	544	43,938
August	43,790	35,910	33	33,111	64,332	533	43,603
September	40,731	37,148	33	32,377	62,304	550	42,078
October	42,755	39,354	33	33,723	63,606	472	43,078
November	42,511	38,897	32	32,540	63,005	465	41,891
December	43,614	42,239	24	32,454	62,182	519	43,457
Total	**522,610**	**458,995**	**368**	**376,580**	**752,985**	**6,491**	**525,729**
2001							
January	30,460	42,459	31	32,450	[E]62,027	454	41,780
February	27,096	38,318	28	29,821	[E]59,310	397	36,909
March	29,918	42,727	31	32,074	[E]61,791	436	40,535
April	28,864	39,572	32	30,325	[E]59,791	499	39,420
May	29,742	35,882	28	32,404	[E]62,480	440	39,967
June	28,993	34,653	25	31,753	[E]58,715	473	38,721
July	30,616	37,163	26	31,644	[E]61,195	553	40,646
August	30,999	37,228	24	31,826	[E]62,205	531	39,335
September	30,102	36,172	22	30,562	[E]60,192	489	37,483
October	30,194	39,306	20	31,516	[E]63,033	701	38,286
November	29,379	43,007	15	29,973	[E]61,942	382	37,123
December	30,446	45,344	25	31,507	[E]63,617	353	38,451
Total	**356,811**	**471,831**	**307**	**375,856**	**[E]736,299**	**5,706**	**468,658**
2002							
January	29,630	42,257	26	30,928	[E]63,426	342	31,101
February	27,084	38,966	23	[R]28,337	[E]61,342	[R]256	[R]35,037
March	29,195	41,993	26	31,562	[E]62,671	386	[E]38,029
2002 YTD	**85,908**	**123,215**	**76**	**90,827**	**[E]187,440**	**983**	**[E]104,167**
2001 YTD	**87,474**	**123,504**	**90**	**94,346**	**[E]183,128**	**1,287**	**119,224**
2000 YTD	**134,479**	**123,177**	**89**	**89,044**	**189,635**	**1,764**	**136,127**

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1996-2002

(Million Cubic Feet) — Continued

Year and Month	Louisiana[b]	Michigan	Mississippi	Montana	New Mexico	North Dakota	Oklahoma
1996 Total	**5,289,742**	**245,740**	**103,263**	**50,996**	**1,554,087**	**49,674**	**1,734,887**
1997 Total	**5,229,821**	**305,950**	**107,300**	**52,437**	**1,558,633**	**52,401**	**1,703,888**
1998 Total	**5,277,188**	**278,076**	**108,068**	**57,645**	**1,501,098**	**53,185**	**1,669,367**
1999 Total	**5,275,730**	**277,364**	**111,021**	**61,163**	**1,511,671**	**52,862**	**1,594,002**
2000							
January	421,366	22,586	8,241	6,003	145,404	4,585	140,183
February	392,889	15,849	5,386	5,480	137,819	4,116	125,741
March	429,630	33,893	7,350	6,016	147,050	4,291	140,811
April	415,525	12,551	6,785	5,614	137,212	4,278	132,697
May	428,197	26,709	7,527	5,809	143,431	4,543	136,652
June	413,358	17,328	6,938	5,369	136,470	4,322	136,693
July	431,309	30,404	7,347	5,888	141,810	4,505	138,946
August	434,049	33,002	7,571	5,833	139,961	4,320	139,930
September	421,580	24,743	7,227	5,723	139,149	4,329	132,330
October	435,279	38,453	7,958	6,039	141,187	4,490	145,745
November	417,355	25,882	7,693	5,741	136,170	4,178	119,411
December	428,327	15,156	8,535	6,422	141,754	4,469	123,749
Total	**5,068,863**	**296,556**	**88,558**	**69,936**	**1,687,416**	**52,426**	**1,612,890**
2001							
January	467,724	27,354	8,958	6,555	138,892	4,537	[E]141,360
February	428,810	13,735	7,749	5,906	126,673	4,019	[E]129,640
March	474,754	29,621	8,398	6,364	137,458	4,548	[E]143,530
April	459,439	20,195	9,892	6,215	132,246	4,564	[E]138,900
May	474,308	35,791	10,332	6,273	126,566	4,569	[E]143,395
June	446,847	17,942	8,440	6,036	[E]120,771	4,349	[E]138,768
July	462,219	20,115	9,313	6,452	[E]125,274	4,649	[E]143,395
August	455,170	26,818	9,494	6,308	[E]126,287	4,753	[E]142,600
September	442,183	14,571	8,341	6,502	[E]122,513	4,502	[E]137,328
October	455,288	29,294	9,074	7,031	[E]126,806	4,574	[E]141,906
November	436,901	24,190	8,353	7,193	[E]120,164	4,596	[E]136,641
December	452,820	16,289	9,196	7,122	[E]118,092	4,771	[E]141,619
Total	**5,456,463**	**275,914**	**107,540**	**77,958**	**[E]1,521,742**	**54,432**	**[E]1,679,082**
2002							
January	461,646	[E]14,651	9,510	7,569	[R]136,404	4,763	[E]135,659
February	417,237	[E]8,043	8,688	[E]6,866	[R]122,720	[R]4,263	[E]123,144
March	466,389	[E]21,630	9,016	[E]7,498	132,255	4,712	[E]137,542
2002 YTD	**1,345,272**	**[E]44,323**	**27,215**	**[E]21,933**	**391,379**	**13,739**	**[E]396,345**
2001 YTD	**1,371,288**	**70,709**	**25,105**	**18,825**	**403,023**	**13,105**	**[E]414,530**
2000 YTD	**1,243,885**	**72,328**	**20,976**	**17,500**	**430,273**	**12,992**	**406,735**

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1996-2002

(Million Cubic Feet) — Continued

Year and Month	Oregon	Texas[c]	Utah	Wyoming	Other[a] States	U.S. Total
1996 Total	**1,439**	**6,470,620**	**250,767**	**666,036**	**805,491**	**19,812,241**
1997 Total	**1,173**	**6,453,873**	**257,139**	**738,368**	**736,679**	**19,866,093**
1998 Total	**1,067**	**6,408,444**	**277,340**	**903,836**	**775,235**	**19,961,348**
1999 Total	**1,291**	**6,211,613**	**262,614**	**971,230**	**800,579**	**19,804,848**
2000						
January	124	522,128	22,008	92,837	79,277	1,700,461
February	105	488,863	20,526	84,714	74,653	1,568,663
March	107	531,944	21,916	90,043	78,056	1,717,180
April	99	507,411	21,255	87,761	76,693	1,622,729
May	102	529,617	22,525	90,699	71,637	1,685,770
June	94	523,281	21,638	87,579	76,514	1,643,048
July	90	531,434	22,772	90,281	72,583	1,696,792
August	96	531,705	22,864	90,812	75,554	1,707,010
September	97	509,474	22,664	89,472	75,066	1,647,075
October	109	526,000	23,374	95,215	78,431	1,725,300
November	97	508,353	22,943	91,715	77,322	1,636,200
December	93	495,039	24,801	97,201	82,022	1,652,058
Total	**1,214**	**6,205,249**	**269,285**	**1,088,328**	**917,808**	**20,002,287**
2001						
January	[E]86	539,175	24,309	111,315	[E]81,856	[E]1,761,782
February	[E]78	485,370	22,368	101,763	[E]74,185	[E]1,592,176
March	[E]93	536,836	24,876	114,525	[E]78,145	[E]1,766,661
April	[E]87	523,416	24,381	109,921	[E]75,056	[E]1,702,816
May	[E]89	539,296	24,261	110,238	[E]73,630	[E]1,749,690
June	[E]86	521,986	23,502	108,676	[E]74,129	[E]1,664,867
July	[E]85	539,802	22,972	112,311	[E]74,298	[E]1,722,729
August	[E]76	534,645	22,826	112,881	[E]74,290	[E]1,718,296
September	[E]80	518,138	22,649	112,708	[E]74,379	[E]1,658,916
October	[E]92	541,722	23,854	120,064	[E]80,015	[E]1,742,776
November	[E]92	519,853	23,854	115,447	[E]77,028	[E]1,676,133
December	[E]90	535,555	24,578	[E]115,728	[E]81,857	[E]1,717,459
Total	**[E]1,034**	**6,335,794**	**284,431**	**[E]1,345,576**	**[E]918,868**	**[E]20,474,300**
2002						
January	[E]84	541,077	[E]24,620	117,851	[E]86,964	[RE]1,738,508
February	[E]76	482,212	[E]22,572	109,212	[E]79,494	[RE]1,575,570
March	[E]92	542,218	[E]24,925	118,039	[E]83,416	[E]1,751,594
2002 YTD	**[E]252**	**1,565,507**	**[E]72,117**	**345,102**	**[E]249,873**	**[E]5,065,672**
2001 YTD	**[E]257**	**1,561,381**	**71,553**	**327,603**	**[E]234,186**	**[E]5,120,619**
2000 YTD	**336**	**1,542,935**	**64,449**	**267,594**	**231,986**	**4,986,304**

[a] Includes Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Pennsylvania, South Dakota, Tennessee, Virginia, and West Virginia. The 2001 and later data monthly values for these States are estimated.

[b] For Alabama and Louisiana, all data for 1996 through 2000 include Federal Offshore production. For 2001, Alabama data do not include Federal Offshore production, while data for Louisiana include both the Louisiana and Alabama portions of Federal Offshore Production.

[c] Federal offshore production volumes are included.

[R] Revised Data.

[E] Estimated Data.

[RE] Revised Estimated Data.

Notes: Data for 1996 through 2000 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 3 for discussion of computation procedures and revision policy.

Sources: 1996-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000.* January 2001 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Minerals Management Service reports, and EIA computations.

Table 8

Table 8. Gross Withdrawals and Marketed Production of Natural Gas by State, March 2002

(Million Cubic Feet)

State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed[a]	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama	31,579	524	32,103	1,090	1,719	99	29,195
Alaska	17,865	299,102	316,967	274,326	0	648	41,993
Arizona	26	0	26	0	0	0	26
California	7,869	26,812	34,681	2,782	227	111	31,562
Colorado	E54,430	E8,861	E63,291	E551	0	E69	E62,671
Florida	0	436	436	0	50	0	386
Kansas	E34,566	E3,566	E38,132	E65	0	E38	E38,029
Louisiana	410,419	61,698	472,117	3,703	0	2,025	466,389
Michigan	E17,604	E4,401	E22,005	E155	0	E220	E21,630
Mississippi	11,863	411	12,273	502	2,489	266	9,016
Montana	E7,529	0	E7,529	0	0	E31	E7,498
New Mexico	116,696	17,615	134,312	1,856	0	201	132,255
North Dakota	1,303	3,635	4,938	0	15	211	4,712
Oklahoma	E124,342	E13,200	E137,542	E0	E0	E0	E137,542
Oregon	E106	0	E106	0	E15	0	E92
Texas	480,763	116,331	597,094	38,640	13,723	2,512	542,218
Utah	E23,333	E3,175	E26,509	E44	0	E1,540	E24,925
Wyoming	128,504	14,682	143,186	8,820	15,253	1,074	118,039
Other States	E81,502	E2,363	E83,864	0	E340	E109	E83,416
Total	**E1,550,302**	**E576,811**	**E2,127,113**	**E332,534**	**E33,832**	**E9,154**	**E1,751,594**

[a] See Appendix A, Explanatory Note 1, for a discussion of data on Nonhydrocarbon Gases Removed.

E 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 3 for discussion of computation procedures and revision policy.

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

Table 9. Underground Natural Gas Storage - All Operators, 1996-2002

(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]
1996 Total[a]	—	—	—	—	—	**2,906**	**2,911**	**6**
1997 Total[a]	—	—	—	—	—	**2,800**	**2,824**	**24**
1998 Total[a]	—	—	—	—	—	**2,905**	**2,379**	**-526**
1999 Total[a]	—	—	—	—	—	**2,598**	**2,772**	**174**
2000								
January	4,379	1,760	6,139	-312	-15.1	59	841	782
February	4,378	1,304	5,681	-445	-25.3	83	533	450
March	4,364	1,153	5,517	-255	-18.0	139	291	152
April	4,362	1,203	5,565	-297	-19.6	192	146	-46
May	4,362	1,433	5,795	-404	-21.9	313	82	-231
June	4,361	1,717	6,079	-435	-20.1	349	65	-284
July	4,362	2,003	6,365	-379	-15.8	372	83	-289
August	4,361	2,199	6,560	-414	-15.8	305	109	-196
September	4,360	2,494	6,855	-432	-14.7	370	80	-291
October	4,360	2,732	7,092	-345	-11.1	329	88	-241
November	4,361	2,442	6,803	-628	-20.3	108	396	288
December	4,352	1,719	6,071	-806	-31.9	66	785	720
Total	—	—	—	—	—	**2,684**	**3,498**	**814**
2001								
January	4,344	1,265	5,609	-495	-28.1	93	559	467
February	4,328	912	5,241	-391	-30.0	71	409	338
March	4,300	742	5,042	-412	-35.7	113	293	181
April	4,261	992	5,253	-210	-17.5	345	68	-276
May	4,309	1,440	5,749	7	0.5	488	41	-448
June	4,310	1,882	6,193	165	9.6	470	48	-422
July	4,315	2,261	6,576	258	12.9	441	64	-376
August	4,313	2,576	6,889	377	17.1	384	79	-305
September	4,318	2,944	7,262	450	18.0	409	41	-368
October	4,310	3,144	7,454	412	15.1	281	92	-189
November	4,301	3,254	7,555	812	33.2	223	138	-85
December	4,301	2,904	7,204	1,185	68.9	80	430	350
Total	—	—	—	—	—	**3,399**	**2,264**	**-1,134**
2002								
January	4,313	2,344	6,657	1,078	85.2	59	605	546
February	4,356	1,838	6,194	925	101.4	55	517	462
March	4,355	1,518	5,873	776	104.7	105	425	320
April	4,355	1,659	6,014	666	67.1	237	111	-126
May	4,361	1,968	6,329	528	36.7	381	58	-323

[a] Total as of December 31.

[b] Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1996 - 7,980; 1997 - 8,332; 1998 - 8,179; 1999 - 8,229; and 2000 - 8,241.

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

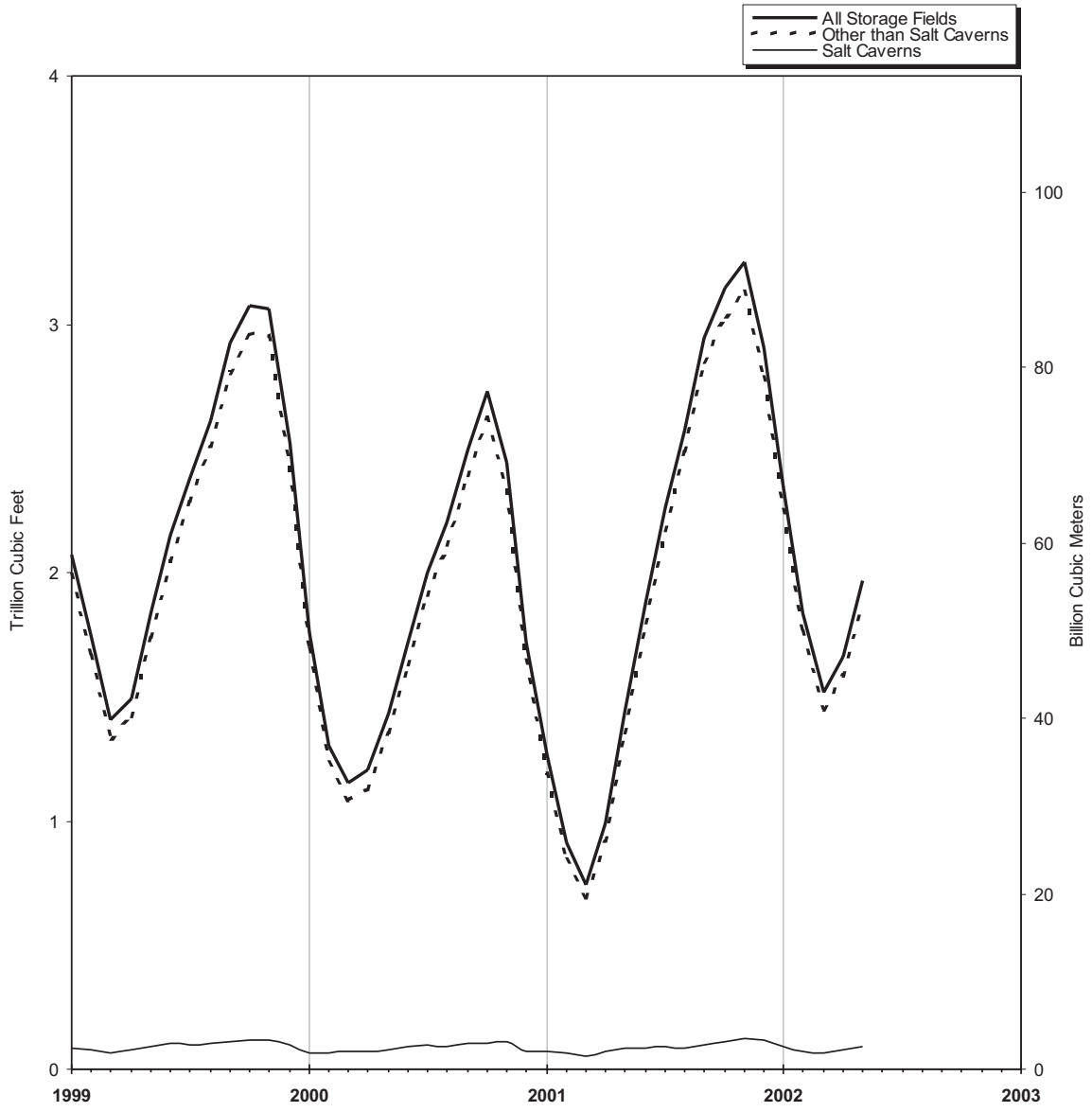
— Not Applicable.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 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., 1999-2002



Sources: Tables 10, 11 and 12.

Table 10. Underground Natural Gas Storage - by Season, 1999-2002

(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 1999	4,370	3,073	7,443	-118	-3.7	247	92	-155
1999-2000 Heating Season								
November	4,380	3,065	7,445	-90	-2.8	173	205	32
December	4,383	2,523	6,906	-207	-7.6	63	606	543
January	4,379	1,760	6,139	-312	-15.1	59	841	782
February	4,378	1,304	5,681	-445	-25.3	83	533	450
March	4,364	1,153	5,517	-255	-18.0	139	291	152
Total	—	—	—	—	—	**517**	**2,476**	**1,959**
2000 Refill Season								
April	4,362	1,203	5,565	-297	-19.6	192	146	-46
May	4,362	1,433	5,795	-404	-21.9	313	82	-231
June	4,361	1,717	6,079	-435	-20.1	349	65	-284
July	4,362	2,003	6,365	-379	-15.8	372	83	-289
August	4,361	2,199	6,560	-414	-15.8	305	109	-196
September	4,360	2,494	6,855	-432	-14.7	370	80	-291
October	4,360	2,732	7,092	-345	-11.1	329	88	-241
Total	—	—	—	—	—	**2,230**	**651**	**-1,579**
2000-2001 Heating Season								
November	4,361	2,442	6,803	-628	-20.3	108	396	288
December	4,352	1,719	6,071	-806	-31.9	66	785	720
January	4,344	1,265	5,609	-495	-28.1	93	559	467
February	4,328	912	5,241	-391	-30.0	71	409	338
March	4,300	742	5,042	-412	-35.7	113	293	181
Total	—	—	—	—	—	**450**	**2,443**	**1,993**
2001 Refill Season								
April	4,261	992	5,253	-210	-17.5	345	68	-276
May	4,309	1,440	5,749	7	0.5	488	41	-448
June	4,310	1,882	6,193	165	9.6	470	48	-422
July	4,315	2,261	6,576	258	12.9	441	64	-376
August	4,313	2,576	6,889	377	17.1	384	79	-305
September	4,318	2,944	7,262	450	18.0	409	41	-368
October	4,310	3,144	7,454	412	15.1	281	92	-189
Total	—	—	—	—	—	**2,819**	**435**	**-2,384**
2001-2002 Heating Season								
November	4,301	3,254	7,555	812	33.2	223	138	-85
December	4,301	2,904	7,204	1,185	68.9	80	430	350
January	4,313	2,344	6,657	1,078	85.2	59	605	546
February	4,356	1,838	6,194	925	101.4	55	517	462
March	4,355	1,518	5,873	776	104.7	105	425	320
Total	—	—	—	—	—	**523**	**2,115**	**1,593**
2002 Refill Season								
April	4,355	1,659	6,014	666	67.1	237	111	-126
May	4,361	1,968	6,329	528	36.7	381	58	-323

[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 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 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

Table 11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1996-2002

(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
1996 Total[a]	—	—	—	—	—	**258**	**246**	**-13**
1997 Total[a]	—	—	—	—	—	**267**	**274**	**6**
1998 Total[a]	—	—	—	—	—	**297**	**275**	**-22**
1999 Total[a]	—	—	—	—	—	**260**	**259**	**-1**
2000								
January	68	65	133	-15	-21.2	16	50	34
February	68	66	134	-12	-15.1	23	22	-1
March	69	69	138	0	1.5	24	20	-3
April	69	74	143	-4	-5.5	24	19	-5
May	70	77	147	-17	-18.1	27	24	-3
June	70	90	160	-12	-11.4	31	18	-13
July	71	97	168	1	1.7	30	21	-9
August	72	90	161	-13	-12.3	24	32	8
September	71	101	172	-12	-9.7	31	18	-12
October	71	107	178	-9	-6.6	29	20	-9
November	71	110	182	-9	-5.2	21	23	1
December	70	72	142	-28	-28.0	18	55	36
Total	—	—	—	—	—	**296**	**320**	**24**
2001								
January	71	73	144	9	13.5	33	31	-1
February	69	67	136	1	1.1	19	27	8
March	69	53	122	-16	-23.6	20	34	14
April	69	71	140	-3	-4.4	33	15	-18
May	71	85	156	8	10.4	30	14	-16
June	71	85	155	-5	-5.1	26	25	-1
July	71	89	160	-8	-8.4	29	25	-4
August	71	86	157	-2	-2.7	27	29	2
September	71	100	171	0	-0.3	33	19	-14
October	71	108	180	1	0.8	33	24	-8
November	77	123	200	13	11.6	35	21	-14
December	77	115	191	43	59.4	19	28	9
Total	—	—	—	—	—	**337**	**293**	**-44**
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	36	9
April	77	77	154	6	8.1	29	17	-12
May	77	93	171	8	9.7	35	19	-16

[a] Total as of December 31.

— Not Applicable.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 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, 1996-2002

(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
1996 Total[a]	—	—	—	—	—	**2,647**	**2,665**	**18**
1997 Total[a]	—	—	—	—	—	**2,533**	**2,551**	**18**
1998 Total[a]	—	—	—	—	—	**2,608**	**2,103**	**-504**
1999 Total[a]	—	—	—	—	—	**2,338**	**2,512**	**175**
2000								
January	4,310	1,696	6,006	-280	-14.8	44	791	748
February	4,309	1,238	5,547	-418	-25.8	60	511	451
March	4,295	1,084	5,379	-242	-19.0	116	271	156
April	4,293	1,129	5,422	-277	-20.4	167	127	-41
May	4,292	1,356	5,648	-387	-22.1	286	58	-228
June	4,291	1,627	5,918	-423	-20.5	318	47	-271
July	4,291	1,906	6,196	-380	-16.6	343	62	-281
August	4,289	2,109	6,399	-401	-15.9	281	77	-204
September	4,289	2,393	6,683	-420	-14.9	340	61	-278
October	4,289	2,625	6,913	-336	-11.3	300	68	-233
November	4,290	2,332	6,621	-620	-20.9	86	373	287
December	4,282	1,647	5,929	-779	-32.0	47	731	684
Total	—	—	—	—	—	**2,388**	**3,178**	**790**
2001								
January	4,273	1,192	5,465	-504	-29.7	60	528	468
February	4,259	846	5,105	-392	-31.5	52	382	330
March	4,232	688	4,920	-396	-36.3	93	259	166
April	4,192	921	5,113	-208	-17.0	312	54	-259
May	4,239	1,355	5,594	-1	0.4	458	27	-432
June	4,239	1,798	6,037	171	11.2	445	23	-421
July	4,245	2,172	6,417	266	14.4	411	39	-372
August	4,242	2,490	6,732	380	18.5	357	50	-307
September	4,247	2,844	7,091	450	19.9	376	22	-354
October	4,238	3,036	7,274	411	15.7	248	68	-180
November	4,224	3,131	7,354	799	34.3	188	117	-71
December	4,224	2,789	7,013	1,142	69.3	61	402	341
Total	—	—	—	—	—	**3,062**	**1,971**	**-1,091**
2002								
January	4,236	2,251	6,487	1,059	88.8	36	560	524
February	4,279	1,764	6,043	918	108.6	35	479	444
March	4,278	1,453	5,731	764	111.0	78	389	311
April	4,278	1,582	5,860	661	71.7	208	94	-114
May	4,284	1,875	6,159	520	38.4	346	39	-307

[a] Total as of December 31.

— Not Applicable.

Notes: Data for 1996 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 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

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet)

State	2002					2001	
	May	April	March	February	January	Total	December
Alabama	-100	-257	271	108	210	-711	-11
Arkansas	-504	-47	235	770	486	-2,904	507
California	-20,711	-20,680	5,245	4,939	39,393	-74,641	23,726
Colorado	700	-2,247	5,766	7,182	4,892	-7,388	1,048
Illinois	-26,234	8,790	26,990	49,634	58,536	-24,866	47,266
Indiana	-1,452	1,997	3,589	4,666	4,084	-5,686	3,777
Iowa	-701	363	7,122	15,015	21,622	-21,025	17,209
Kansas	-17,806	-6,721	12,651	17,130	19,274	-46,721	12,355
Kentucky	-9,766	400	10,669	11,384	8,665	-36,233	6,206
Louisiana	-33,062	-11,352	18,770	39,103	41,561	-123,545	23,556
Maryland	-780	427	2,121	1,352	2,722	-4,265	1,619
Michigan	-39,468	-10,433	74,426	73,014	84,521	-226,068	65,214
Minnesota	0	134	375	332	304	-605	3
Mississippi	-8,184	-1,528	4,016	8,337	9,588	-11,441	4,205
Missouri	10	215	1,089	825	-24	-904	254
Montana	-1,879	707	3,605	2,765	3,400	-9,117	3,890
Nebraska	-1,036	-261	1,628	679	1,267	-2,349	831
New Mexico	-1,304	87	1,131	1,655	1,285	-9,476	645
New York	-6,751	-1,459	7,783	10,978	14,435	-16,354	8,628
Ohio	-25,799	-9,911	33,060	44,426	41,480	-61,585	31,110
Oklahoma	-25,468	-13,141	13,099	20,976	23,962	-71,523	10,886
Oregon	491	1,648	2,859	787	1,424	-2,624	1,572
Pennsylvania	-41,830	-16,389	46,264	62,974	61,675	-92,474	48,277
Tennessee	7	0	-1	-1	-50	-337	1
Texas	-23,862	-25,965	10,269	27,590	36,821	-176,609	-136
Utah	-7,913	-3,510	2,811	7,407	11,857	-12,511	9,619
Virginia	-537	-160	383	677	500	-1,097	277
Washington	-4,057	-3,810	849	4,145	7,037	-2,821	-102
West Virginia	-22,101	-10,731	20,896	39,632	41,761	-79,928	25,006
Wyoming	-2,877	-2,081	2,175	3,197	3,239	-8,570	2,853
AGA Regions							
Producing	-110,290	-58,923	60,442	115,667	133,186	-442,931	52,006
Eastern Consuming	-176,437	-37,154	236,020	315,254	341,195	-573,164	255,676
Western Consuming	-36,245	-29,838	23,685	30,755	71,547	-118,276	42,609
Total	**-322,972**	**-125,916**	**320,146**	**461,676**	**545,928**	**-1,134,378**	**350,291**

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet) — Continued

State	2001						
	November	October	September	August	July	June	May
Alabama	-501	120	-17	-113	-154	-576	44
Arkansas	-90	-339	-579	-505	-740	-879	-992
California	-13,104	-14,507	-9,385	-10,941	-20,929	-29,462	-27,438
Colorado	-63	753	-5,021	-4,513	-4,182	-4,069	-2,301
Illinois	43	-26,142	-33,582	-23,679	-20,442	-25,936	-30,943
Indiana	-2,298	-3,809	-4,044	-2,916	-3,671	-3,159	-1,372
Iowa	-3,118	-11,688	-13,710	-13,505	-10,141	-6,017	-5,532
Kansas	-4,369	-1,268	-17,406	-7,572	-6,556	-13,884	-14,428
Kentucky	12	-5,143	-8,975	-6,409	-9,956	-12,782	-11,456
Louisiana	-20,514	-10,552	-34,844	-13,578	-24,699	-30,405	-25,730
Maryland	-34	-1,310	-1,166	518	-2,572	-3,098	-2,653
Michigan	-8,308	-42,469	-72,648	-79,175	-87,034	-80,530	-71,545
Minnesota	-134	-174	-232	-259	-328	-319	-152
Mississippi	-2,504	1,082	-4,068	-1,986	-5,355	-6,274	-2,821
Missouri	-255	-248	-348	-589	13	-1,063	17
Montana	503	-1,573	-4,853	-4,966	-5,523	-4,034	-2,902
Nebraska	-45	-361	-1,250	-364	-339	-956	-1,908
New Mexico	-1,059	-173	-891	13	93	-403	-2,645
New York	-1,337	-3,374	-6,343	-5,574	-10,233	-11,212	-13,541
Ohio	2,950	-9,844	-26,370	-32,266	-37,878	-32,303	-33,094
Oklahoma	-2,795	-4,003	-17,906	-8,596	-10,224	-23,745	-28,938
Oregon	-766	0	-852	-1,860	-2,293	-2,561	-2,151
Pennsylvania	-9,455	-18,022	-39,267	-25,406	-50,422	-55,959	-66,462
Tennessee	-30	-100	-62	-47	-63	-31	-113
Texas	-15,122	-21,203	-28,769	-24,185	-21,624	-34,795	-40,985
Utah	3,189	-280	-7,384	-5,939	-7,179	-6,356	-7,254
Virginia	-27	-32	-271	-322	-244	-402	-532
Washington	145	1,030	-1,450	-1,343	372	-200	-8,283
West Virginia	-5,364	-12,915	-22,496	-25,939	-31,290	-28,838	-39,499
Wyoming	-1,029	-2,113	-3,691	-3,143	-2,866	-1,800	-2,052
AGA Regions							
Producing	-46,954	-36,337	-104,480	-56,521	-69,260	-110,961	-116,493
Eastern Consuming	-27,260	-135,455	-230,533	-215,675	-264,271	-262,286	-278,633
Western Consuming	-11,260	-16,864	-32,867	-32,963	-42,930	-48,800	-52,532
Total	**-85,481**	**-188,656**	**-367,879**	**-305,159**	**-376,461**	**-422,046**	**-447,658**

See footnotes at end of table.

Table 13

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet) — Continued

State	2001				2000		
	April	March	February	January	Total	December	November
Alabama	-195	604	-241	330	430	85	203
Arkansas	-604	139	391	785	3,033	2,077	432
California	-17,361	-14,822	20,542	39,041	47,960	6,493	27,309
Colorado	660	1,787	4,374	4,138	8,613	4,969	4,003
Illinois	-12,251	14,412	43,450	42,940	24,165	49,235	25,535
Indiana	1,366	2,616	3,544	4,279	3,892	7,120	-608
Iowa	-2,900	3,712	8,167	16,496	13,560	23,122	11,086
Kansas	-11,364	4,933	16,056	-3,218	34,047	25,577	20,998
Kentucky	-4,039	6,901	2,626	6,783	30,198	23,027	11,187
Louisiana	-22,513	5,213	96	30,425	96,201	67,565	12,336
Maryland	-1,402	1,215	2,382	2,235	4,383	5,151	1,323
Michigan	-36,155	43,738	76,815	66,029	146,588	127,858	48,638
Minnesota	23	154	323	489	306	567	-92
Mississippi	-8,549	10,930	1,071	2,828	1,853	14,228	4,503
Missouri	-51	1,242	379	-255	567	1,078	-191
Montana	-1	1,629	4,504	4,208	13,911	5,173	3,722
Nebraska	-1,077	573	1,456	1,090	4,366	1,124	1,622
New Mexico	-1,573	-1,851	-1,657	25	-561	418	-295
New York	-6,630	8,160	11,920	13,182	9,824	17,276	5,062
Ohio	-15,734	22,906	27,160	41,777	48,330	61,149	24,034
Oklahoma	-23,624	415	12,522	24,484	88,353	42,630	16,307
Oregon	810	962	2,264	2,252	212	1,565	849
Pennsylvania	-43,608	47,171	51,475	69,205	47,204	96,037	21,869
Tennessee	-103	69	82	59	59	-12	-86
Texas	-43,016	2,704	8,957	41,565	127,251	67,839	12,680
Utah	-4,428	-2,807	4,031	12,277	6,537	10,861	9,016
Virginia	-434	283	92	517	471	789	354
Washington	-2,300	592	6,110	2,608	1,932	-1,986	3,781
West Virginia	-18,243	16,521	26,341	36,787	42,171	55,132	20,788
Wyoming	-1,073	534	2,586	3,225	8,063	3,611	1,933
AGA Regions							
Producing	-111,438	23,088	37,194	97,224	350,177	220,332	66,960
Eastern Consuming	-141,259	169,519	255,889	301,124	376,207	468,171	170,818
Western Consuming	-23,671	-11,971	44,735	68,237	87,535	31,251	50,522
Total	**-276,368**	**180,636**	**337,818**	**466,585**	**813,920**	**719,754**	**288,299**

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2000-2002

(Volumes in Million Cubic Feet) — Continued

State	2000					
	October	September	August	July	June	May
Alabama	142	110	0	-82	-606	-90
Arkansas	-397	-268	-680	-649	-444	-698
California	-10,735	-1,623	19,420	199	-7,106	-11,320
Colorado	-2,003	-2,248	-4,811	-4,606	-4,583	-359
Illinois	-33,495	-30,571	-27,776	-27,774	-32,238	-12,923
Indiana	-4,297	-3,323	-2,698	-2,195	-1,910	-248
Iowa	-13,898	-13,240	-12,021	-11,254	-6,094	-4,620
Kansas	-18,438	-16,047	-1,042	-9,926	-9,640	-6,168
Kentucky	-8,599	-10,707	-6,537	-10,798	-6,282	-4,150
Louisiana	-23,895	-20,965	-12,990	-23,235	-22,813	-4,848
Maryland	-288	-44	-2,241	-2,005	-2,994	-2,478
Michigan	-37,897	-46,387	-53,184	-50,105	-45,757	-48,421
Minnesota	-199	-266	-277	-343	-132	2
Mississippi	-4,386	-4,632	-3,418	-5,252	-5,228	-4,057
Missouri	-353	-711	209	16	19	-26
Montana	51	-958	-2,264	-2,041	-457	522
Nebraska	-503	-764	225	-620	1,077	-78
New Mexico	-905	-50	1,040	800	-793	-468
New York	-4,026	-7,909	-7,493	-10,091	-10,009	-8,664
Ohio	-10,060	-23,823	-25,180	-33,397	-30,291	-29,262
Oklahoma	-13,209	-12,480	660	-2,396	-12,742	-9,598
Oregon	-720	-720	-2,074	-2,270	-2,101	-893
Pennsylvania	-26,640	-47,265	-32,778	-52,039	-42,636	-52,860
Tennessee	-114	-49	0	0	0	0
Texas	-16,995	-12,544	12,106	1,215	-6,612	-1,260
Utah	1,000	-5,592	-6,633	-6,747	-5,792	-5,613
Virginia	-251	-202	-222	-222	-224	-291
Washington	1,188	-2,835	909	-3,739	-3,660	-2,639
West Virginia	-11,762	-24,203	-25,366	-29,171	-23,246	-18,097
Wyoming	336	-360	-897	-553	-1,168	-1,590
AGA Regions						
Producing	-78,226	-66,987	-4,324	-39,442	-58,272	-27,098
Eastern Consuming	-152,040	-209,087	-195,064	-229,737	-201,190	-182,207
Western Consuming	-11,083	-14,602	3,374	-20,100	-24,998	-21,890
Total	**-241,349**	**-290,675**	**-196,014**	**-289,278**	**-284,459**	**-231,195**

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 2000 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, 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

Table 14. Activities of Underground Natural Gas Storage Operators, by State, May 2002

(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	5,280	2,690	2,206	4,896	1,399	173.3	240	140
Arkansas	22,000	8,715	5,800	14,515	1,683	40.9	506	1
California	475,720	236,523	189,405	425,928	70,735	59.6	22,819	2,108
Colorado	100,227	47,655	19,659	67,314	130	0.7	2,412	3,113
Illinois	898,565	666,632	104,139	770,771	-10,103	-8.8	28,419	2,185
Indiana	109,310	77,341	16,401	93,742	-1,011	-5.8	2,280	829
Iowa	273,200	201,750	5,837	207,587	-6,345	-52.1	1,375	674
Kansas	301,502	178,385	61,085	239,470	14,722	31.8	18,374	569
Kentucky	219,914	139,876	47,150	187,026	-14,665	-23.7	10,124	358
Louisiana	580,037	272,629	197,950	470,579	80,709	68.8	40,769	7,707
Maryland	62,000	46,677	7,296	53,974	887	13.8	799	20
Michigan	1,070,717	459,057	314,354	773,411	102,939	48.7	43,930	4,462
Minnesota	7,000	4,840	1,010	5,850	299	42.1	0	0
Mississippi	134,012	77,715	40,269	117,984	8,878	28.3	9,142	958
Missouri	31,878	21,600	7,956	29,556	122	1.6	0	10
Montana	371,510	179,524	13,116	192,640	-3,942	-23.1	3,534	1,655
Nebraska	39,469	26,995	3,886	30,881	206	5.6	1,184	148
New Mexico	96,600	29,766	10,118	39,884	1,207	13.6	2,096	792
New York	175,496	96,342	44,530	140,872	4,653	11.7	7,590	839
Ohio	573,784	344,062	77,552	421,614	21,616	38.6	27,106	1,306
Oklahoma	382,037	209,037	117,691	326,728	42,043	55.6	27,141	1,673
Oregon	21,080	9,352	2,947	12,299	-454	-13.3	0	491
Pennsylvania	713,818	345,126	229,912	575,038	49,081	27.1	47,900	6,070
Tennessee	1,200	340	625	965	100	19.0	0	7
Texas	699,324	251,714	285,360	537,074	116,602	69.1	44,043	20,181
Utah	129,480	64,691	24,332	89,023	3,841	18.7	7,983	69
Virginia	4,967	2,387	1,627	4,014	151	10.2	537	0
Washington	37,300	19,000	12,783	31,783	-2,820	-18.1	4,827	770
West Virginia	733,126	276,130	99,924	376,053	33,101	49.5	23,102	1,001
Wyoming	105,869	64,779	23,203	87,982	12,263	112.1	3,073	197
AGA Regions								
Producing	2,220,792	1,030,651	720,479	1,751,131	268,051	59.2	142,311	32,021
Eastern Consuming	4,907,444	2,704,313	961,190	3,665,503	179,924	23.0	194,346	17,909
Western Consuming	1,248,185	626,364	286,456	912,820	80,054	38.8	44,648	8,403
Total	**8,376,420**	**4,361,328**	**1,968,125**	**6,329,453**	**528,029**	**36.7**	**381,304**	**58,332**

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, 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, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				April	March	February
Alabama	26,883	31,886	25,736	3,315	7,033	7,640
Alaska	7,761	6,707	7,236	1,453	2,185	1,998
Arizona	21,466	22,075	19,621	2,678	4,531	6,659
Arkansas	NA	22,039	19,727	NA	NA	7,325
California	244,765	256,046	233,977	43,114	58,010	64,134
Colorado	NA	73,032	60,464	NA	17,031	19,643
Connecticut	NA	24,418	22,688	3,702	4,736	NA
Delaware	5,278	6,271	5,625	909	1,286	1,385
District of Columbia	6,757	9,491	8,922	798	1,648	1,988
Florida	7,614	8,806	7,437	1,252	1,954	1,893
Georgia	60,523	69,491	63,671	5,755	13,698	19,102
Hawaii	193	186	192	49	48	48
Idaho	11,484	11,125	10,039	1,795	2,797	3,442
Illinois	244,265	246,037	229,573	42,614	65,402	64,032
Indiana	84,430	90,450	85,468	14,105	21,786	21,741
Iowa	39,245	44,531	38,110	6,509	10,467	10,288
Kansas	41,451	47,407	38,896	6,316	10,662	11,197
Kentucky	31,305	33,273	32,114	3,667	8,162	9,346
Louisiana	NA	31,207	24,853	NA	NA	NA
Maine	NA	532	536	NA	134	138
Maryland	NA	49,116	44,914	4,739	9,704	NA
Massachusetts	58,555	71,672	63,820	10,259	14,639	16,360
Michigan	194,717	213,173	199,331	35,940	49,969	49,807
Minnesota	68,171	73,072	64,641	10,885	19,906	16,809
Mississippi	16,090	18,040	14,407	2,147	4,154	3,929
Missouri	67,546	77,642	64,385	10,616	16,977	18,792
Montana	11,398	11,095	9,831	2,079	3,207	2,799
Nebraska	25,395	28,183	24,192	4,222	6,223	6,220
Nevada	17,644	17,395	14,586	2,405	3,726	5,642
New Hampshire	3,687	4,301	4,163	653	934	1,053
New Jersey	104,559	129,335	118,764	17,515	22,442	30,266
New Mexico	16,494	16,380	16,407	1,409	3,694	6,135
New York	197,626	237,183	219,332	38,011	50,929	52,455
North Carolina	33,464	37,095	36,178	4,110	7,872	9,570
North Dakota	6,081	5,799	5,845	1,028	1,761	1,455
Ohio	175,055	194,835	182,985	28,966	45,040	47,274
Oklahoma	NA	41,163	35,537	6,630	NA	12,908
Oregon	21,685	21,229	20,921	3,851	5,257	6,096
Pennsylvania	124,441	152,693	142,459	22,193	31,719	33,327
Rhode Island	NA	11,451	10,750	1,858	2,976	2,648
South Carolina	16,721	18,465	16,804	1,901	4,261	4,632
South Dakota	6,922	7,145	6,338	1,231	1,941	1,726
Tennessee	43,789	45,004	38,043	5,347	11,326	12,157
Texas	117,834	132,796	97,257	15,490	30,253	29,456
Utah	30,783	27,960	25,117	3,244	7,740	9,276
Vermont	1,519	1,727	1,638	312	346	441
Virginia	38,408	46,512	43,089	4,365	9,394	11,122
Washington	NA	38,226	37,526	6,838	NA	NA
West Virginia	NA	20,310	18,421	3,433	5,605	5,765
Wisconsin	70,615	76,667	67,953	11,317	20,423	17,975
Wyoming	NA	5,970	6,010	1,269	NA	1,439
Total	**2,600,002**	**2,866,648**	**2,586,529**	**417,074**	**660,226**	**703,134**

See footnotes at end of table.

Table 15

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002	2001				
	January	Total	December	November	October	September
Alabama	8,895	47,543	4,341	2,986	1,711	1,130
Alaska	2,125	R16,799	2,783	2,185	1,661	818
Arizona	7,599	36,122	5,012	1,653	1,153	1,025
Arkansas	NA	R37,127	R6,074	R2,753	R1,301	R929
California	79,507	508,265	63,738	38,751	28,974	21,170
Colorado	21,658	123,893	17,192	8,570	4,079	2,816
Connecticut	6,197	NA	NA	NA	2,120	883
Delaware	1,697	9,379	833	628	341	187
District of Columbia	2,324	14,297	1,353	950	471	331
Florida	2,516	15,623	1,202	985	764	700
Georgia	21,969	123,342	17,132	8,841	8,108	3,928
Hawaii	49	537	47	43	40	43
Idaho	R3,450	19,076	2,820	1,597	712	423
Illinois	72,217	NA	NA	34,296	26,298	12,207
Indiana	26,798	NA	18,917	11,418	7,965	NA
Iowa	11,981	71,305	9,450	4,785	3,523	1,585
Kansas	13,277	70,546	8,416	3,837	2,057	1,573
Kentucky	10,130	56,778	9,494	5,087	3,162	1,371
Louisiana	8,322	NA	NA	NA	NA	NA
Maine	141	NA	132	NA	54	32
Maryland	NA	NA	NA	6,205	5,110	NA
Massachusetts	17,297	109,204	8,703	6,927	4,565	2,858
Michigan	59,002	352,143	41,753	28,909	19,055	8,651
Minnesota	20,571	124,890	17,729	9,659	7,548	3,204
Mississippi	5,860	27,556	2,798	1,887	914	616
Missouri	21,161	115,618	13,235	6,963	3,838	2,524
Montana	3,313	20,102	2,946	1,838	1,158	502
Nebraska	8,729	45,378	4,191	4,793	1,742	870
Nevada	R5,871	32,609	5,895	2,186	1,251	1,033
New Hampshire	1,047	6,947	766	492	302	185
New Jersey	34,336	208,449	23,913	15,898	9,200	5,254
New Mexico	5,256	32,374	6,493	2,933	1,561	1,003
New York	56,231	379,337	36,073	24,853	15,401	9,861
North Carolina	11,913	57,250	6,402	4,563	2,498	1,078
North Dakota	1,837	10,674	1,712	1,010	779	266
Ohio	53,775	314,033	37,549	23,958	16,164	6,867
Oklahoma	NA	62,545	7,707	3,417	1,897	1,275
Oregon	6,480	38,369	5,275	3,343	1,443	918
Pennsylvania	37,202	240,614	27,155	17,649	11,241	5,392
Rhode Island	NA	17,937	1,609	1,153	617	506
South Carolina	5,926	26,955	2,516	2,054	887	512
South Dakota	2,024	12,295	1,795	970	668	278
Tennessee	14,959	66,745	8,112	4,579	2,221	1,264
Texas	42,635	221,573	31,816	13,981	8,436	5,565
Utah	10,522	55,331	10,135	5,608	3,489	1,610
Vermont	419	2,719	270	203	91	67
Virginia	13,527	71,151	7,355	5,335	3,174	1,493
Washington	11,306	84,668	15,978	11,144	5,692	1,864
West Virginia	NA	33,302	5,098	3,187	1,622	775
Wisconsin	20,900	130,302	18,656	9,669	8,093	3,736
Wyoming	2,365	11,064	1,511	1,048	722	274
Total	**R819,568**	**R4,812,644**	**R608,381**	**R363,694**	**R238,953**	**R129,206**

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	August	July	June	May	April	March
Alabama	1,151	1,149	1,297	1,893	4,605	5,643
Alaska	538	519	609	980	1,182	R1,817
Arizona	985	1,055	1,267	1,896	2,824	5,439
Arkansas	R867	R835	R899	R1,431	R3,041	R4,985
California	22,303	23,989	22,861	30,433	41,474	58,633
Colorado	2,462	3,044	4,464	8,234	12,557	17,892
Connecticut	1,007	803	1,208	1,309	3,644	6,135
Delaware	164	219	275	461	1,048	1,564
District of Columbia	313	351	442	595	1,390	2,178
Florida	702	728	781	955	1,310	1,510
Georgia	3,608	3,674	3,819	4,742	7,029	17,069
Hawaii	41	44	47	46	47	49
Idaho	341	412	584	1,063	1,794	2,379
Illinois	8,969	9,918	11,443	14,452	26,454	61,269
Indiana	NA	NA	NA	NA	10,918	21,871
Iowa	1,316	1,546	1,929	2,639	5,559	11,095
Kansas	1,539	1,536	1,743	2,437	5,758	11,650
Kentucky	1,098	1,031	954	1,307	2,488	9,204
Louisiana	NA	NA	1,719	2,183	3,698	5,473
Maine	25	25	22	49	61	143
Maryland	1,819	1,809	2,207	3,035	6,713	11,619
Massachusetts	2,366	2,765	3,514	5,835	13,605	18,455
Michigan	6,298	7,084	10,690	16,531	33,454	55,739
Minnesota	2,630	2,730	3,485	4,833	9,565	17,617
Mississippi	651	735	773	1,142	1,958	3,199
Missouri	2,166	2,366	3,043	3,840	9,594	17,971
Montana	404	416	696	1,047	1,906	2,583
Nebraska	905	950	1,180	2,564	4,596	6,229
Nevada	995	1,041	1,174	1,640	2,470	3,974
New Hampshire	149	154	214	386	784	1,061
New Jersey	4,821	4,780	6,006	9,242	20,570	32,905
New Mexico	839	1,008	966	1,190	1,948	2,762
New York	9,371	9,969	14,262	22,366	42,975	59,507
North Carolina	942	1,082	1,544	2,045	5,034	7,881
North Dakota	282	215	246	366	818	1,267
Ohio	6,140	7,420	8,794	12,305	27,986	48,453
Oklahoma	1,283	1,524	1,767	2,512	5,434	9,987
Oregon	905	1,095	1,508	2,653	3,916	5,048
Pennsylvania	4,960	5,108	6,222	10,195	23,385	38,071
Rhode Island	450	476	644	1,030	2,133	2,881
South Carolina	470	492	567	992	2,620	3,238
South Dakota	276	247	369	547	1,039	1,770
Tennessee	1,146	1,161	1,288	1,970	5,352	9,693
Texas	7,779	5,729	6,979	8,492	15,626	25,405
Utah	1,448	1,411	1,782	1,888	4,120	5,561
Vermont	54	65	96	146	316	420
Virginia	1,580	1,520	1,805	2,377	5,712	10,828
Washington	1,731	2,113	3,021	4,899	7,278	8,883
West Virginia	462	398	456	994	3,502	4,443
Wisconsin	2,418	2,930	3,410	4,725	8,545	21,640
Wyoming	249	240	440	610	1,158	1,101
Total	**R117,782**	**R124,820**	**R148,945**	**R214,215**	**R410,992**	**R686,186**

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001		2000			
	February	January	Total	December	November	October
Alabama	8,644	12,994	45,794	8,385	2,900	1,700
Alaska	1,824	[R]1,883	15,979	2,013	1,748	1,454
Arizona	7,072	6,739	34,740	5,704	2,787	1,070
Arkansas	[R]5,915	[R]8,098	42,361	10,480	5,332	1,487
California	71,182	84,757	516,730	68,470	52,106	31,757
Colorado	20,481	22,102	116,363	20,693	10,855	5,520
Connecticut	6,215	8,425	41,534	6,755	3,793	2,262
Delaware	1,715	1,943	9,467	1,404	615	270
District of Columbia	2,544	3,379	15,437	2,557	1,069	553
Florida	2,635	3,351	15,133	1,940	994	829
Georgia	16,513	28,880	140,838	34,149	15,912	6,682
Hawaii	43	48	535	44	42	41
Idaho	3,455	3,497	19,131	3,272	2,147	859
Illinois	72,405	85,909	467,052	99,546	55,919	21,839
Indiana	24,627	33,033	160,027	32,663	15,481	6,732
Iowa	13,101	14,777	73,825	15,570	8,096	3,114
Kansas	12,213	17,787	70,589	14,343	5,601	2,523
Kentucky	8,955	12,626	64,662	15,301	8,161	2,793
Louisiana	8,840	13,197	49,744	9,497	4,251	2,204
Maine	154	175	1,037	176	96	63
Maryland	12,948	17,836	84,082	15,652	8,114	3,809
Massachusetts	18,490	21,123	114,077	16,794	9,077	4,856
Michigan	55,540	68,440	365,661	64,432	31,636	17,518
Minnesota	22,678	23,212	129,487	26,737	14,839	6,141
Mississippi	4,981	7,902	26,656	5,308	1,725	1,063
Missouri	21,190	28,888	115,353	23,334	9,293	4,019
Montana	3,330	3,276	20,072	3,475	2,406	1,305
Nebraska	7,494	9,864	41,715	6,890	3,620	1,877
Nevada	5,415	5,536	29,942	4,950	3,228	1,399
New Hampshire	1,132	1,324	7,274	1,033	566	302
New Jersey	33,583	42,276	219,878	37,333	20,021	10,449
New Mexico	5,561	6,109	35,921	6,450	4,663	2,505
New York	64,028	70,672	404,203	61,679	34,303	18,879
North Carolina	9,527	14,653	63,897	12,523	5,969	2,450
North Dakota	1,934	1,781	10,963	1,904	1,120	585
Ohio	51,889	66,508	343,302	68,382	32,751	15,897
Oklahoma	12,033	13,710	66,581	14,022	5,593	2,339
Oregon	5,941	6,324	38,698	6,028	3,552	1,572
Pennsylvania	39,900	51,338	262,770	46,947	23,666	12,517
Rhode Island	2,966	3,471	18,655	2,487	1,262	722
South Carolina	4,689	7,919	29,057	6,012	2,023	1,007
South Dakota	2,172	2,165	12,608	2,621	1,375	601
Tennessee	10,443	19,516	67,950	15,034	5,172	2,367
Texas	38,785	52,979	193,149	38,534	15,788	8,306
Utah	8,187	10,092	55,626	9,652	8,379	3,824
Vermont	446	544	2,843	376	210	124
Virginia	12,695	17,278	79,701	15,690	8,190	3,287
Washington	10,980	11,085	71,779	10,887	6,796	3,234
West Virginia	5,442	6,923	31,602	5,331	2,177	1,372
Wisconsin	22,782	23,699	135,023	27,792	15,542	6,848
Wyoming	1,846	1,865	12,177	2,076	1,302	743
Total	**[R]787,562**	**[R]981,908**	**4,991,678**	**913,328**	**482,262**	**235,670**

[R] Revised Data.
[NA] Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 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, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				April	March	February
Alabama	NA	14,556	12,379	1,901	NA	3,530
Alaska	7,270	7,138	11,042	1,688	1,831	1,782
Arizona	14,816	14,015	13,908	2,779	3,482	4,105
Arkansas	NA	15,793	13,811	NA	NA	7,636
California	96,173	102,838	95,505	20,574	22,685	24,573
Colorado	NA	38,177	29,967	NA	8,062	9,076
Connecticut	NA	22,611	21,934	3,804	4,916	NA
Delaware	NA	3,767	2,751	NA	NA	892
District of Columbia	7,933	8,835	8,403	1,247	2,030	2,204
Florida	19,735	19,576	18,344	4,478	5,175	4,782
Georgia	25,081	26,453	26,051	2,989	5,826	7,566
Hawaii	564	609	598	143	138	138
Idaho	8,414	7,342	6,582	1,386	2,091	2,493
Illinois	103,357	102,906	97,048	19,182	27,134	26,191
Indiana	41,997	NA	44,307	6,995	10,863	11,356
Iowa	24,120	26,823	21,859	3,885	6,436	6,362
Kansas	20,848	23,645	19,983	3,223	5,301	5,633
Kentucky	19,121	20,693	18,684	2,600	5,481	5,567
Louisiana	NA	11,599	10,966	7,208	NA	4,524
Maine	NA	1,442	1,495	NA	679	701
Maryland	NA	27,896	27,438	3,616	6,951	NA
Massachusetts	37,049	33,798	31,369	8,226	8,517	10,392
Michigan	88,429	102,194	96,800	17,809	20,604	24,282
Minnesota	NA	51,914	46,135	9,366	NA	11,181
Mississippi	10,326	11,322	9,446	1,691	2,592	2,814
Missouri	35,035	39,483	32,939	5,728	8,756	9,749
Montana	7,684	7,275	6,598	1,449	2,076	1,898
Nebraska	15,019	15,479	14,175	3,063	4,044	4,328
Nevada	10,342	10,189	10,259	1,798	2,730	2,789
New Hampshire	NA	4,784	4,350	NA	1,195	1,296
New Jersey	66,135	78,750	82,334	12,326	14,247	18,908
New Mexico	13,449	13,119	11,637	2,395	3,415	3,981
New York	127,665	132,854	158,618	27,762	32,526	33,808
North Carolina	19,507	20,846	21,539	2,856	4,775	5,587
North Dakota	NA	5,459	5,337	980	NA	1,374
Ohio	83,555	102,494	93,013	14,572	22,678	23,735
Oklahoma	NA	25,979	20,399	3,696	NA	6,986
Oregon	14,913	14,480	14,183	2,642	3,449	3,969
Pennsylvania	71,015	78,120	75,482	13,511	17,933	19,527
Rhode Island	NA	7,343	6,923	1,151	NA	1,641
South Carolina	9,822	10,161	9,870	1,607	2,461	2,739
South Dakota	5,208	5,394	4,987	968	1,414	1,309
Tennessee	27,343	30,084	27,474	4,325	6,459	7,390
Texas	77,337	130,590	74,518	14,767	22,571	16,135
Utah	17,558	15,959	14,380	2,239	4,189	5,275
Vermont	1,288	1,453	1,417	249	294	383
Virginia	28,992	30,067	31,363	4,231	7,654	8,130
Washington	NA	24,426	23,943	4,143	NA	NA
West Virginia	16,502	13,154	12,328	3,482	4,376	3,986
Wisconsin	40,470	44,643	39,009	6,634	11,404	10,392
Wyoming	5,546	5,060	4,807	1,000	1,391	994
Total	**1,472,015**	**1,606,956**	**1,488,688**	**270,548**	**376,661**	**392,027**

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002	2001				
	January	Total	December	November	October	September
Alabama	4,000	26,344	2,291	1,816	1,625	1,177
Alaska	1,970	18,327	2,533	2,148	1,687	998
Arizona	4,450	31,601	3,722	2,313	1,882	1,834
Arkansas	NA	R32,050	R3,684	R2,888	R2,072	R1,841
California	28,341	247,188	25,418	18,980	18,243	16,253
Colorado	11,290	68,209	9,083	4,633	2,598	2,033
Connecticut	5,464	NA	NA	NA	2,263	NA
Delaware	1,039	6,218	571	433	317	203
District of Columbia	2,452	16,657	1,515	1,224	801	781
Florida	5,299	50,046	4,332	4,172	3,748	3,666
Georgia	8,700	51,713	6,450	4,086	3,607	2,245
Hawaii	145	1,749	136	137	138	145
Idaho	2,444	14,205	1,932	1,133	657	485
Illinois	30,850	NA	NA	14,389	12,107	7,862
Indiana	12,783	NA	9,205	6,280	5,007	NA
Iowa	7,436	NA	NA	3,552	2,881	1,613
Kansas	6,690	38,930	4,255	2,290	1,571	1,369
Kentucky	5,473	35,555	4,618	2,829	1,783	1,147
Louisiana	4,382	R24,776	R2,477	R1,664	R1,561	R1,496
Maine	735	2,558	329	256	140	84
Maryland	NA	NA	NA	4,066	3,538	NA
Massachusetts	9,914	NA	NA	4,722	3,222	2,785
Michigan	25,734	175,657	19,320	13,386	9,549	6,002
Minnesota	12,941	92,616	12,119	6,442	6,089	2,999
Mississippi	3,229	NA	1,964	NA	1,211	NA
Missouri	10,802	64,937	7,426	4,148	2,767	2,147
Montana	2,260	13,311	1,771	1,147	725	387
Nebraska	3,584	26,911	3,183	1,677	1,020	963
Nevada	R3,026	22,825	2,788	1,795	1,407	1,236
New Hampshire	1,272	NA	NA	NA	262	233
New Jersey	20,655	136,617	14,245	10,385	6,907	5,181
New Mexico	3,658	24,864	3,348	1,469	1,390	1,044
New York	33,569	332,059	25,122	20,263	20,321	25,847
North Carolina	6,287	38,555	4,053	2,971	2,299	1,660
North Dakota	R1,747	10,552	1,641	1,006	788	325
Ohio	22,570	171,937	20,210	11,018	9,910	5,598
Oklahoma	NA	R46,822	R4,608	R2,769	R2,488	R2,519
Oregon	4,853	43,665	3,349	4,673	4,063	3,562
Pennsylvania	20,045	137,064	15,610	10,145	8,349	4,770
Rhode Island	NA	12,805	1,223	935	636	491
South Carolina	3,016	20,599	1,868	1,597	1,300	1,117
South Dakota	1,518	9,710	1,379	780	600	282
Tennessee	9,170	49,973	4,663	3,064	2,297	2,025
Texas	23,864	289,768	25,052	18,635	18,561	17,043
Utah	5,854	31,206	5,296	2,895	1,850	982
Vermont	362	2,473	241	189	108	92
Virginia	8,978	59,344	6,519	5,205	3,752	2,944
Washington	8,814	NA	9,237	NA	NA	8,576
West Virginia	4,658	27,803	3,713	2,577	2,563	1,288
Wisconsin	12,040	78,833	10,359	5,906	5,292	2,592
Wyoming	2,161	9,195	939	1,049	584	299
Total	**R432,780**	**R3,185,407**	**R339,835**	**R234,456**	**R198,732**	**R158,029**

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	August	July	June	May	April	March
Alabama	1,101	1,079	1,194	1,504	2,319	2,949
Alaska	856	814	873	1,279	1,410	1,894
Arizona	1,767	1,781	1,972	2,317	2,810	3,466
Arkansas	R1,693	R1,215	R1,546	R1,319	R1,784	R3,945
California	17,221	15,534	15,716	16,985	26,490	22,690
Colorado	1,799	2,251	2,917	4,718	6,845	9,385
Connecticut	1,949	1,632	2,471	2,386	4,268	5,652
Delaware	175	197	242	312	663	1,007
District of Columbia	628	903	851	1,119	1,937	2,198
Florida	3,475	3,462	3,641	3,973	4,240	4,551
Georgia	2,138	2,118	2,174	2,443	3,362	6,576
Hawaii	140	148	151	145	150	154
Idaho	502	572	660	922	1,193	1,594
Illinois	6,349	6,170	6,217	7,787	12,159	26,168
Indiana	NA	NA	NA	NA	5,485	NA
Iowa	995	NA	1,425	1,811	3,538	6,633
Kansas	1,451	1,576	1,282	1,491	3,107	5,747
Kentucky	1,124	1,023	937	1,402	2,360	4,906
Louisiana	R1,383	R1,390	R1,539	R1,666	R2,072	R2,424
Maine	69	68	64	107	194	358
Maryland	2,184	2,317	2,415	2,905	4,619	6,629
Massachusetts	2,321	2,157	2,668	3,908	6,724	8,588
Michigan	5,163	5,218	6,157	8,669	16,610	25,979
Minnesota	2,955	2,773	3,170	4,156	7,444	13,019
Mississippi	1,124	1,060	1,019	1,175	1,579	2,486
Missouri	1,991	2,064	2,206	2,705	5,395	9,201
Montana	363	383	492	767	1,254	965
Nebraska	909	1,040	1,132	1,508	2,814	4,218
Nevada	1,255	1,254	1,347	1,553	1,970	2,549
New Hampshire	219	128	190	510	990	1,201
New Jersey	4,278	4,881	4,463	7,525	13,566	19,385
New Mexico	967	1,020	1,087	1,420	2,600	2,510
New York	24,807	22,619	30,702	29,525	25,816	33,461
North Carolina	1,478	1,606	1,594	2,047	3,190	4,630
North Dakota	316	336	280	400	810	1,078
Ohio	4,650	5,159	5,389	7,509	14,670	24,756
Oklahoma	R1,837	R2,110	R2,212	R2,300	R4,045	R6,149
Oregon	3,492	4,058	3,956	2,032	2,755	3,470
Pennsylvania	4,235	4,128	5,025	6,681	12,504	20,029
Rhode Island	464	460	511	743	1,382	1,882
South Carolina	1,063	1,067	1,109	1,317	1,834	2,195
South Dakota	295	268	303	410	802	1,404
Tennessee	1,738	2,022	1,907	2,173	4,400	6,121
Texas	18,867	16,616	16,834	27,570	21,873	29,807
Utah	932	934	973	1,385	2,538	3,315
Vermont	72	74	108	136	276	356
Virginia	2,757	2,512	2,553	3,035	4,711	7,199
Washington	8,523	9,290	9,848	3,863	4,948	5,683
West Virginia	1,138	832	1,297	1,241	2,637	2,969
Wisconsin	2,007	2,314	2,559	3,161	5,576	12,678
Wyoming	203	247	344	469	863	1,212
Total	**R149,618**	**R145,802**	**R162,452**	**R189,527**	**R267,576**	**R387,695**

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001		2000			
	February	January	Total	December	November	October
Alabama	3,903	5,385	25,344	3,814	1,867	1,398
Alaska	1,839	1,995	26,424	3,068	2,636	2,618
Arizona	3,759	3,981	32,211	3,650	2,403	2,020
Arkansas	[R]4,216	[R]5,848	33,181	6,255	3,970	1,525
California	25,858	27,800	250,947	24,997	24,057	17,276
Colorado	10,179	11,768	60,909	9,864	5,955	3,529
Connecticut	5,993	6,697	48,579	6,598	4,338	3,116
Delaware	952	1,145	5,127	704	421	234
District of Columbia	2,271	2,429	17,744	2,174	1,236	955
Florida	5,257	5,528	47,973	4,774	3,954	3,523
Georgia	6,486	10,029	59,334	11,102	5,923	3,064
Hawaii	151	154	1,771	145	152	146
Idaho	2,238	2,318	13,451	2,117	1,415	690
Illinois	30,068	34,511	201,835	37,604	21,467	10,550
Indiana	NA	NA	90,427	17,488	8,877	4,729
Iowa	7,762	8,891	45,597	9,008	4,830	2,241
Kansas	6,595	8,195	39,650	7,127	3,348	1,733
Kentucky	5,480	7,947	38,670	8,089	4,089	1,804
Louisiana	[R]3,169	[R]3,933	25,673	3,596	2,152	1,561
Maine	408	481	2,770	439	249	154
Maryland	7,092	9,556	55,748	8,042	4,816	2,747
Massachusetts	8,839	9,648	63,798	8,390	5,170	3,243
Michigan	27,509	32,095	186,084	29,408	15,210	9,262
Minnesota	15,176	16,275	94,536	16,756	10,478	5,030
Mississippi	3,000	4,257	21,379	3,336	1,799	1,349
Missouri	10,942	13,945	62,856	10,701	4,989	3,110
Montana	2,796	2,261	13,538	2,131	1,471	835
Nebraska	4,666	3,782	28,462	5,212	2,112	1,228
Nevada	2,817	2,853	25,637	2,771	2,431	1,775
New Hampshire	1,405	1,187	8,323	977	931	417
New Jersey	21,369	24,431	158,544	22,681	12,531	6,986
New Mexico	3,989	4,021	27,609	3,945	2,589	1,548
New York	36,187	37,390	410,454	40,591	32,761	29,652
North Carolina	5,346	7,680	43,105	6,823	3,963	2,192
North Dakota	1,791	1,780	10,795	1,961	1,136	564
Ohio	29,422	33,647	178,024	31,211	16,280	8,257
Oklahoma	[R]6,875	[R]8,910	43,347	7,351	3,413	2,057
Oregon	3,967	4,288	28,643	4,076	2,457	1,430
Pennsylvania	20,575	25,012	145,364	23,427	13,074	7,835
Rhode Island	1,930	2,149	12,998	1,749	999	667
South Carolina	2,542	3,589	22,107	3,148	1,784	1,354
South Dakota	1,676	1,512	10,120	1,920	1,066	476
Tennessee	7,729	11,835	53,202	8,430	4,422	2,431
Texas	35,900	43,011	185,828	24,896	14,895	11,451
Utah	4,551	5,556	31,426	5,205	4,320	2,000
Vermont	374	447	2,595	327	212	127
Virginia	7,950	10,207	66,161	10,029	6,545	3,840
Washington	6,745	7,049	50,573	6,488	5,338	2,558
West Virginia	3,379	4,169	26,168	3,536	2,209	1,634
Wisconsin	12,640	13,749	81,146	15,464	9,095	4,300
Wyoming	1,378	1,608	9,767	1,368	1,079	633
Total	**[R]439,221**	**[R]512,463**	**3,225,955**	**474,960**	**292,916**	**183,855**

[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 5 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, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				April	March	February
Alabama	59,428	57,836	70,168	14,597	12,915	15,858
Alaska	22,265	24,986	25,505	5,188	5,085	5,757
Arizona	7,122	9,027	7,941	1,618	1,752	1,804
Arkansas	38,880	41,971	49,574	9,431	10,569	9,546
California	314,373	446,745	351,882	69,617	84,892	74,271
Colorado	NA	34,410	33,209	NA	NA	NA
Connecticut	NA	8,506	13,789	NA	NA	2,202
Delaware	NA	9,698	12,583	NA	NA	1,916
District of Columbia	0	0	0	0	0	0
Florida	46,270	40,401	49,554	12,642	11,519	10,653
Georgia	48,623	49,259	58,743	12,076	12,880	11,711
Hawaii	163	185	180	42	39	40
Idaho [a]	10,257	11,365	11,763	2,377	2,561	2,553
Illinois	113,627	112,599	127,654	28,850	30,251	27,460
Indiana	97,426	97,672	115,826	22,415	24,920	24,365
Iowa	32,560	35,550	36,790	7,883	8,183	7,896
Kansas	30,163	33,888	34,982	6,855	8,086	7,503
Kentucky	33,318	36,471	39,424	7,401	8,487	8,622
Louisiana	372,907	355,536	287,668	87,427	R95,915	R90,947
Maine	NA	547	1,334	NA	28	0
Maryland	NA	12,815	15,009	3,534	3,901	NA
Massachusetts	40,178	49,956	54,452	7,257	12,909	8,062
Michigan	106,009	113,627	122,634	25,545	25,610	27,215
Minnesota	29,606	32,441	39,670	7,590	7,427	7,021
Mississippi	33,065	33,809	41,576	7,893	8,849	7,921
Missouri	25,108	27,964	26,631	5,724	7,033	5,870
Montana	8,256	8,753	9,815	2,229	1,881	2,074
Nebraska	11,328	12,127	14,217	2,687	2,280	3,117
Nevada	26,526	14,535	12,491	4,889	7,404	7,311
New Hampshire	1,220	1,217	1,870	293	350	267
New Jersey	63,055	58,909	77,002	15,889	16,102	15,497
New Mexico	6,601	10,911	8,488	1,510	1,517	1,905
New York	NA	102,573	114,909	NA	23,648	23,697
North Carolina	34,359	27,367	38,568	7,792	8,953	8,759
North Dakota	4,724	6,291	5,036	1,071	1,119	R1,117
Ohio	95,204	114,801	129,101	21,917	23,935	24,122
Oklahoma	NA	49,880	61,361	8,840	NA	11,107
Oregon	32,583	34,460	39,576	7,599	8,509	8,691
Pennsylvania	77,461	78,551	94,331	17,224	19,674	18,795
Rhode Island	17,690	15,459	21,387	3,068	4,075	4,646
South Carolina	33,470	23,013	36,262	8,004	8,558	8,373
South Dakota	1,516	3,050	1,758	341	486	318
Tennessee	41,699	47,493	44,310	9,376	9,345	11,755
Texas	NA	622,114	665,243	NA	NA	178,887
Utah	9,482	12,234	14,545	2,023	2,353	2,450
Vermont	1,203	906	1,300	240	311	317
Virginia	25,588	22,813	34,893	7,371	5,208	6,429
Washington	NA	45,361	44,006	6,827	9,677	NA
West Virginia	NA	14,200	16,629	1,489	1,565	1,498
Wisconsin	57,814	63,239	64,269	12,554	15,417	14,101
Wyoming	NA	10,171	15,883	NA	1,943	2,722
Total	**2,982,094**	**3,077,694**	**3,195,788**	**693,341**	**R755,806**	**R741,416**

See footnotes at end of table.

Table 17

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002	2001				
	January	Total	December	November	October	September
Alabama	16,058	168,427	14,034	11,744	14,890	13,879
Alaska	6,235	72,352	5,757	5,339	5,720	6,144
Arizona	1,949	25,912	2,138	1,814	1,676	1,825
Arkansas	9,333	R124,619	R11,791	R11,329	R11,925	R9,830
California	85,592	1,325,103	98,074	88,425	103,404	116,352
Colorado	NA	82,567	6,041	6,442	4,903	4,715
Connecticut	3,132	24,757	1,602	2,042	2,107	1,837
Delaware	2,266	25,769	2,106	2,317	2,529	1,999
District of Columbia	0	0	0	0	0	0
Florida	11,457	127,590	10,286	11,437	10,498	11,215
Georgia	11,957	150,311	11,565	11,656	13,489	12,719
Hawaii	42	532	42	37	41	39
Idaho [a]	2,765	29,794	2,539	2,462	2,377	2,135
Illinois	27,067	NA	NA	24,037	25,415	18,871
Indiana	25,727	NA	23,373	21,048	21,265	NA
Iowa	8,599	NA	NA	8,271	7,856	7,091
Kansas	7,720	95,009	7,414	7,277	6,766	8,638
Kentucky	8,808	93,411	8,611	8,039	7,233	6,978
Louisiana	R98,617	R1,090,032	R99,671	R96,739	R100,335	R94,269
Maine	1	2,414	332	261	308	210
Maryland	NA	NA	NA	4,224	3,174	NA
Massachusetts	11,950	NA	NA	10,883	11,256	10,391
Michigan	27,638	292,033	26,295	25,389	22,066	19,333
Minnesota	7,568	87,449	7,574	7,868	7,598	7,652
Mississippi	8,402	NA	7,984	NA	6,995	7,692
Missouri	6,480	69,243	7,387	5,448	5,059	4,406
Montana	2,071	20,884	1,969	2,086	1,555	1,239
Nebraska	3,244	39,200	3,079	3,909	2,532	3,375
Nevada	R6,922	49,174	4,184	4,115	5,412	4,761
New Hampshire	309	NA	NA	354	321	253
New Jersey	15,567	189,987	15,291	17,125	16,676	17,330
New Mexico	1,670	34,676	2,363	2,436	1,905	1,972
New York	22,316	NA	NA	NA	22,284	NA
North Carolina	8,856	88,705	8,442	7,954	8,989	7,394
North Dakota	1,417	17,788	1,122	1,070	1,463	1,361
Ohio	25,231	285,933	28,054	23,139	22,320	19,690
Oklahoma	9,970	122,795	8,183	7,796	8,660	7,338
Oregon	7,783	99,393	8,257	7,852	12,016	7,469
Pennsylvania	21,767	216,124	19,828	18,003	17,709	18,151
Rhode Island	5,901	59,140	6,000	4,522	5,999	5,777
South Carolina	8,535	79,366	7,761	7,229	8,408	6,827
South Dakota	372	6,863	370	361	374	402
Tennessee	11,223	134,764	12,127	11,657	13,539	9,259
Texas	193,626	1,996,502	182,209	171,698	189,280	179,624
Utah	2,655	33,858	2,423	2,588	3,045	2,730
Vermont	335	2,659	316	266	240	202
Virginia	6,581	NA	9,776	NA	NA	8,702
Washington	9,058	NA	8,157	9,297	NA	10,194
West Virginia	NA	40,979	3,498	4,599	2,609	3,606
Wisconsin	15,743	148,926	13,889	12,256	12,491	9,914
Wyoming	3,058	30,142	2,872	2,629	2,671	2,403
Total	**R791,531**	**R9,013,466**	**R766,515**	**R733,324**	**R778,215**	**R746,030**

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	August	July	June	May	April	March
Alabama	14,386	13,740	13,425	14,493	14,024	15,721
Alaska	6,807	6,637	5,235	5,728	6,151	6,487
Arizona	1,984	2,804	2,266	2,379	2,002	2,267
Arkansas	[R]9,468	[R]8,923	[R]9,005	[R]10,375	[R]10,479	[R]11,052
California	126,970	117,280	113,462	114,391	110,102	109,447
Colorado	5,951	5,309	8,162	6,636	8,626	8,042
Connecticut	1,885	2,365	2,111	2,302	2,065	2,199
Delaware	1,838	1,865	1,839	1,579	2,205	2,354
District of Columbia	0	0	0	0	0	0
Florida	10,777	11,725	10,326	10,925	10,437	10,251
Georgia	14,785	13,086	11,733	12,021	13,820	13,094
Hawaii	47	50	46	46	47	44
Idaho [a]	2,002	2,309	2,286	2,320	2,661	2,777
Illinois	23,273	24,006	20,129	24,389	23,815	29,170
Indiana	20,496	NA	19,065	19,635	20,256	25,296
Iowa	7,311	NA	6,987	7,912	8,120	9,066
Kansas	9,968	8,833	6,545	5,682	7,543	8,424
Kentucky	6,507	6,648	6,391	6,533	9,833	7,311
Louisiana	[R]96,050	[R]86,068	[R]78,110	[R]83,255	[R]86,938	[R]93,526
Maine	208	186	195	167	51	76
Maryland	4,579	3,311	3,458	3,072	3,100	3,649
Massachusetts	12,636	10,817	10,866	12,359	11,603	11,651
Michigan	20,378	20,990	21,823	22,132	26,777	29,494
Minnesota	6,898	5,898	5,750	5,771	7,290	8,357
Mississippi	7,464	7,299	7,475	7,919	7,940	9,236
Missouri	4,993	4,870	4,496	4,620	5,627	5,699
Montana	1,334	1,494	1,227	1,228	1,867	2,220
Nebraska	3,739	5,233	2,615	2,590	3,156	2,770
Nevada	5,416	4,251	3,878	2,622	2,322	3,628
New Hampshire	201	266	277	397	163	378
New Jersey	18,019	17,198	15,245	14,195	15,781	15,033
New Mexico	2,095	6,145	3,297	3,553	3,296	2,625
New York	25,872	23,321	24,819	22,445	25,583	26,460
North Carolina	7,839	6,997	7,026	6,697	6,704	7,491
North Dakota	1,797	815	2,014	1,855	2,198	1,231
Ohio	18,118	19,353	19,767	20,690	23,206	28,172
Oklahoma	7,483	10,603	10,182	12,669	12,464	12,596
Oregon	7,091	6,978	7,633	7,637	8,199	8,910
Pennsylvania	17,375	15,310	14,559	16,638	17,920	20,217
Rhode Island	6,065	5,269	4,852	5,197	3,625	5,389
South Carolina	7,129	6,652	6,245	6,103	6,097	6,657
South Dakota	444	527	513	822	866	861
Tennessee	10,472	9,870	10,227	10,118	12,554	11,605
Texas	184,357	188,612	135,066	143,541	157,172	164,043
Utah	2,367	2,640	2,866	2,965	3,001	2,766
Vermont	181	165	176	207	242	309
Virginia	9,294	8,016	4,659	5,793	4,896	4,722
Washington	11,258	10,848	10,633	11,763	11,415	11,824
West Virginia	3,070	3,290	2,975	3,132	3,335	3,659
Wisconsin	9,662	9,058	9,000	9,418	11,397	19,281
Wyoming	2,374	2,286	2,398	2,339	2,155	2,485
Total	**[R]780,713**	**[R]756,391**	**[R]673,333**	**[R]701,250**	**[R]741,125**	**[R]790,019**

See footnotes at end of table.

Table 17

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001		2000			
	February	January	Total	December	November	October
Alabama	14,026	14,066	191,010	16,038	15,523	15,063
Alaska	5,805	6,543	72,694	6,000	4,910	5,262
Arizona	2,460	2,298	25,052	2,428	2,175	1,930
Arkansas	[R]9,508	[R]10,932	132,834	11,826	10,831	11,408
California	108,390	118,805	1,350,795	110,101	113,796	134,647
Colorado	8,039	9,703	90,233	9,821	7,493	6,774
Connecticut	2,053	2,189	33,598	2,817	2,851	2,198
Delaware	2,588	2,551	33,103	2,645	2,457	3,112
District of Columbia	0	0	0	0	0	0
Florida	9,233	10,481	139,597	9,767	11,229	10,873
Georgia	11,511	10,835	173,277	12,357	13,270	13,716
Hawaii	43	51	536	43	47	46
Idaho [a]	2,826	3,101	32,464	2,790	2,811	2,765
Illinois	29,292	30,323	335,154	34,634	30,563	23,869
Indiana	24,195	27,925	312,222	30,064	25,863	24,240
Iowa	8,810	9,554	100,368	9,937	9,027	8,208
Kansas	8,460	9,461	108,903	7,927	8,592	7,358
Kentucky	8,595	10,733	100,803	9,159	8,654	7,552
Louisiana	[R]86,175	[R]88,896	899,418	83,603	85,394	85,484
Maine	314	107	3,927	581	496	334
Maryland	2,909	3,157	46,220	4,116	4,128	3,895
Massachusetts	13,239	13,462	151,845	15,068	11,974	12,721
Michigan	27,728	29,628	297,963	29,269	22,875	20,419
Minnesota	8,061	8,734	103,952	9,740	9,486	7,486
Mississippi	6,432	10,201	111,764	9,696	8,905	8,427
Missouri	7,933	8,705	69,186	7,276	6,010	7,323
Montana	2,222	2,444	23,841	2,541	2,232	1,733
Nebraska	2,967	3,235	45,958	3,560	3,326	2,874
Nevada	4,466	4,120	46,573	4,995	4,342	4,718
New Hampshire	336	340	4,453	357	274	336
New Jersey	13,187	14,908	195,301	15,799	14,228	14,735
New Mexico	2,536	2,454	26,086	2,157	2,072	2,210
New York	25,367	25,164	338,202	27,155	26,732	26,539
North Carolina	6,309	6,863	105,416	7,664	8,578	8,600
North Dakota	1,553	1,310	14,795	1,178	1,206	1,450
Ohio	28,382	35,041	332,135	33,353	29,746	24,404
Oklahoma	14,486	10,335	163,919	11,008	11,788	10,874
Oregon	9,919	7,431	104,078	6,515	8,039	8,711
Pennsylvania	19,879	20,536	248,652	21,993	20,298	18,553
Rhode Island	2,954	3,491	46,393	4,322	4,438	3,915
South Carolina	5,548	4,712	97,682	6,668	8,083	7,710
South Dakota	720	602	6,400	672	780	413
Tennessee	11,208	12,126	129,548	12,263	11,502	11,410
Texas	147,429	153,471	2,165,454	194,019	189,111	181,821
Utah	3,278	3,190	39,378	3,617	3,558	3,066
Vermont	183	172	3,949	228	403	384
Virginia	6,321	6,874	100,530	12,253	6,324	5,997
Washington	11,331	10,791	116,233	8,181	8,199	10,328
West Virginia	3,457	3,749	44,421	3,832	3,325	3,250
Wisconsin	16,412	16,149	159,842	18,505	14,483	11,909
Wyoming	2,461	3,068	35,409	2,665	3,195	1,894
Total	**[R]751,533**	**[R]795,017**	**9,511,565**	**843,204**	**805,625**	**792,947**

[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 5 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 Utility[a] Consumers, by State, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				April	March	February
Alabama	NA	12,830	3,201	NA	NA	R7,985
Alaska	NA	11,459	11,755	NA	NA	R2,326
Arizona	NA	38,573	13,509	NA	NA	R2,193
Arkansas	NA	5,748	11,202	NA	NA	R728
California	NA	44,664	29,303	NA	NA	R5,897
Colorado	NA	14,082	7,137	NA	NA	R2,429
Connecticut	NA	0	0	NA	NA	R0
Delaware	NA	23	1,836	NA	NA	R6
District of Columbia	NA	0	0	NA	NA	R0
Florida	NA	67,045	108,238	NA	NA	R24,119
Georgia	NA	1,286	528	NA	NA	R360
Hawaii	NA	0	0	NA	NA	R0
Idaho	NA	0	0	NA	NA	R30
Illinois	NA	297	430	NA	NA	R697
Indiana	NA	2,017	1,274	NA	NA	R925
Iowa	NA	1,097	979	NA	NA	R296
Kansas	NA	3,103	6,203	NA	NA	R755
Kentucky	NA	513	912	NA	NA	R390
Louisiana	NA	60,117	75,540	NA	NA	R15,226
Maine	NA	0	0	NA	NA	R0
Maryland	NA	0	3,821	NA	NA	R0
Massachusetts	NA	143	965	NA	NA	R49
Michigan	NA	6,491	13,440	NA	NA	R2,414
Minnesota	NA	838	955	NA	NA	R130
Mississippi	NA	18,732	27,367	NA	NA	R15,085
Missouri	NA	4,719	5,385	NA	NA	R2,095
Montana	NA	7	38	NA	NA	R0
Nebraska	NA	759	482	NA	NA	R80
Nevada	NA	26,656	18,605	NA	NA	R3,760
New Hampshire	NA	1	781	NA	NA	R12
New Jersey	NA	139	3,937	NA	NA	R26
New Mexico	NA	11,403	12,996	NA	NA	R1,866
New York	NA	12,673	30,930	NA	NA	R7,157
North Carolina	NA	272	203	NA	NA	R354
North Dakota	NA	0	0	NA	NA	R0
Ohio	NA	921	1,986	NA	NA	R522
Oklahoma	NA	35,086	40,762	NA	NA	R12,017
Oregon	NA	15,458	9,331	NA	NA	R1,416
Pennsylvania	NA	1	1,144	NA	NA	R1
Rhode Island	NA	0	0	NA	NA	R0
South Carolina	NA	88	146	NA	NA	R1,418
South Dakota	NA	1,650	181	NA	NA	R145
Tennessee	NA	2	438	NA	NA	R0
Texas	NA	254,639	320,456	NA	NA	R21,110
Utah	NA	6,164	1,936	NA	NA	R560
Vermont	NA	42	105	NA	NA	R3
Virginia	NA	495	6,658	NA	NA	R789
Washington	NA	21,231	671	NA	NA	R967
West Virginia	NA	5	104	NA	NA	R3
Wisconsin	NA	3,476	3,398	NA	NA	R778
Wyoming	NA	1,115	36	NA	NA	R157
Total	NA	**686,060**	**779,302**	NA	NA	**R137,277**

See footnotes at end of table.

Table 18

Table 18. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002	2001				
	January	Total	December	November	October	September
Alabama	9,046	R66,179	R5,234	R6,723	R6,818	R6,753
Alaska	R2,742	R32,591	R3,187	R2,947	R2,840	R2,370
Arizona	2,065	R102,515	R3,823	R2,972	R6,192	R7,147
Arkansas	495	R21,005	R409	R1,167	R1,536	R1,629
California	R6,582	R120,098	R6,372	R6,558	R9,419	R9,924
Colorado	R3,145	R45,984	R3,583	R2,859	R4,461	R3,933
Connecticut	0	0	0	0	0	0
Delaware	6	R480	21	38	R21	R232
District of Columbia	0	0	0	0	0	0
Florida	R30,791	R327,939	R30,657	R24,882	R36,657	R38,094
Georgia	R187	R12,255	65	33	R771	R1,845
Hawaii	0	0	0	0	0	0
Idaho	23	0	0	0	0	0
Illinois	R294	R5,102	R692	R557	R449	R254
Indiana	R1,002	R6,359	R432	R526	R106	R270
Iowa	R379	R5,754	R276	R246	R259	R455
Kansas	R429	R23,269	R787	R1,045	R1,203	R1,576
Kentucky	179	R4,138	R277	R153	R238	R404
Louisiana	R14,488	R226,659	R10,113	R9,230	R18,076	R24,034
Maine	0	0	0	0	0	0
Maryland	0	R4	0	0	0	R0
Massachusetts	126	R2,245	R175	R65	R330	R444
Michigan	R1,472	R33,525	R2,194	R2,719	R4,296	2,577
Minnesota	R188	R5,144	R128	R176	R191	R218
Mississippi	R14,816	R126,093	R9,531	R9,174	R14,187	R19,208
Missouri	R2,703	R30,353	R1,842	R1,823	R1,972	R2,808
Montana	1	146	0	1	1	3
Nebraska	R210	R4,290	R249	R244	R247	R181
Nevada	4,092	R68,997	R5,303	R4,300	R4,813	R4,150
New Hampshire	18	R525	29	0	R291	185
New Jersey	25	1,224	14	6	24	67
New Mexico	R1,242	R38,364	R1,201	R2,196	R2,901	R3,244
New York	R6,901	R93,569	R9,065	R8,291	R11,426	R11,188
North Carolina	46	R11,075	R159	R130	R604	R727
North Dakota	0	3	0	0	0	0
Ohio	R104	R5,127	R37	R90	R78	R175
Oklahoma	R7,661	R160,871	R9,148	R9,482	R12,442	R16,554
Oregon	3,277	R45,013	R2,762	R3,211	R3,831	R3,559
Pennsylvania	1	R11	R0	R1	R1	R1
Rhode Island	0	0	0	0	0	0
South Carolina	R2,470	R2,310	51	52	R801	62
South Dakota	18	R4,502	67	24	58	R206
Tennessee	0	47	0	0	0	0
Texas	R26,160	R957,688	R41,482	R44,887	R70,733	R82,816
Utah	R536	R15,155	R706	R537	R800	R1,263
Vermont	4	116	3	3	3	2
Virginia	1,837	R17,728	R1,413	R2,035	R2,281	R3,043
Washington	928	R47,031	R1,143	R1,149	R2,345	R2,503
West Virginia	3	R33	R2	R2	R2	R2
Wisconsin	R510	R12,041	R423	R543	R775	R958
Wyoming	156	R2,729	R223	R192	R195	173
Total	**R147,359**	**R2,686,287**	**R153,279**	**R151,268**	**R224,674**	**R255,236**

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	August	July	June	May	April	March
Alabama	R8,444	R7,979	R6,636	R4,762	R3,422	R3,725
Alaska	R2,596	R2,489	R2,435	R2,269	R2,441	R2,973
Arizona	R9,518	R10,790	R10,314	R13,186	R11,412	R10,393
Arkansas	R3,544	R3,794	R1,425	1,753	R2,515	R1,166
California	R12,130	R10,244	R9,875	R10,913	R11,289	R10,550
Colorado	R4,228	R4,727	R4,218	R3,892	R3,972	R4,282
Connecticut	0	0	0	0	0	0
Delaware	81	38	21	5	5	5
District of Columbia	0	0	0	0	0	0
Florida	R37,241	R36,276	R31,410	R25,674	R23,026	R18,296
Georgia	R3,105	R2,739	R1,258	R1,152	1,138	91
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	R1,048	R1,161	R378	R268	R64	R70
Indiana	R1,490	749	R629	141	412	188
Iowa	R1,254	R1,129	R488	R551	R366	R327
Kansas	R5,046	R7,110	R1,911	R1,488	R927	R937
Kentucky	R1,054	R842	351	R307	R206	R195
Louisiana	R35,066	R30,160	R19,968	R19,894	R20,528	R13,277
Maine	0	0	0	0	0	0
Maryland	R1	1	R0	R0	0	0
Massachusetts	R545	R196	R123	R223	R56	71
Michigan	R6,106	R5,291	R2,788	R1,064	R641	R1,748
Minnesota	R1,477	R1,274	R434	R408	R275	R248
Mississippi	R18,050	R17,767	R9,677	R9,767	R9,129	R3,864
Missouri	R6,170	R6,100	R2,743	R2,176	R2,183	R1,406
Montana	R46	61	19	7	1	4
Nebraska	R695	R1,189	R420	R308	R315	R280
Nevada	R5,764	R5,622	R5,582	R6,808	R5,672	R7,718
New Hampshire	20	0	0	0	0	0
New Jersey	R470	R167	252	86	R62	56
New Mexico	R4,255	R4,913	R4,223	R4,027	R4,041	R3,344
New York	R14,641	R12,042	R9,024	R5,219	4,271	R3,065
North Carolina	R4,615	R2,628	R1,481	R459	R222	R39
North Dakota	0	0	0	1	0	0
Ohio	R1,230	R1,235	R572	R789	R412	R332
Oklahoma	R23,660	R27,095	R15,593	R11,813	R10,450	R9,559
Oregon	R4,238	R4,237	R4,261	R3,457	R3,342	R3,438
Pennsylvania	R2	R2	R1	R1	R0	R0
Rhode Island	0	0	0	0	0	0
South Carolina	R524	R357	R280	R95	47	10
South Dakota	R665	R717	R456	R658	R637	R603
Tennessee	0	22	23	0	0	2
Texas	R131,137	R134,422	R103,978	R93,594	R80,018	R61,577
Utah	R1,260	R1,246	R1,509	R1,670	R1,656	R1,536
Vermont	2	3	3	54	2	6
Virginia	R3,531	R2,525	R1,760	R645	R332	R79
Washington	R3,753	R5,383	R3,717	R5,807	R5,803	R5,694
West Virginia	R7	R6	R4	R4	R1	R1
Wisconsin	R2,323	R1,844	R942	R757	R581	R1,019
Wyoming	186	228	162	256	R385	R270
Total	**R361,218**	**R356,801**	**R261,345**	**R236,407**	**R212,257**	**R172,448**

See footnotes at end of table.

Table 18

Table 18. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001		2000			
	February	January	Total	December	November	October
Alabama	R1,901	R3,781	36,344	2,801	2,884	1,786
Alaska	R2,860	R3,185	35,570	3,503	3,192	3,101
Arizona	R9,900	R6,869	92,019	8,870	9,180	8,454
Arkansas	R394	R1,672	34,603	1,697	1,240	550
California	R10,541	R12,283	129,449	10,220	9,776	10,078
Colorado	R3,131	R2,698	32,148	3,568	2,727	2,651
Connecticut	0	0	0	0	0	0
Delaware	6	7	4,337	5	5	1
District of Columbia	0	0	0	0	0	0
Florida	R11,989	R13,735	316,486	14,992	17,873	23,037
Georgia	36	22	21,447	58	327	466
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	R80	R83	2,764	130	156	129
Indiana	R942	474	7,754	1,986	282	627
Iowa	R176	R228	4,735	257	255	251
Kansas	R601	R637	33,509	1,239	1,227	1,321
Kentucky	51	61	4,073	519	359	194
Louisiana	R11,965	R14,347	292,002	17,809	17,447	20,551
Maine	0	0	0	0	0	0
Maryland	0	0	20,665	109	1,864	1,594
Massachusetts	8	9	3,190	23	201	247
Michigan	R1,577	R2,526	43,548	3,891	3,325	2,942
Minnesota	R129	R187	5,411	413	335	289
Mississippi	R1,890	R3,849	89,110	4,617	3,896	3,745
Missouri	R653	R476	30,480	1,161	650	1,405
Montana	0	1	192	25	8	0
Nebraska	R102	R62	5,508	316	319	410
Nevada	R5,820	R7,445	80,037	7,380	7,343	8,092
New Hampshire	0	0	783	0	0	0
New Jersey	21	0	16,952	54	26	34
New Mexico	R2,477	R1,540	38,080	1,757	1,601	2,414
New York	R2,931	R2,406	95,812	3,242	5,006	6,021
North Carolina	0	R11	9,579	4	210	204
North Dakota	0	0	0	0	0	0
Ohio	R99	R78	6,791	250	323	291
Oklahoma	R6,314	R8,763	169,031	11,350	8,367	10,238
Oregon	R5,127	R3,552	41,500	5,761	4,121	4,316
Pennsylvania	R0	R0	2,955	79	193	207
Rhode Island	0	0	0	0	0	0
South Carolina	8	23	2,814	14	55	31
South Dakota	R305	R105	3,607	311	412	235
Tennessee	0	0	1,829	14	43	0
Texas	R52,839	R60,205	1,245,008	72,445	67,697	88,232
Utah	R1,549	R1,422	10,544	1,182	1,048	1,071
Vermont	3	31	1,023	18	116	127
Virginia	22	62	15,923	235	433	519
Washington	R5,636	R4,099	41,173	2,829	4,978	6,796
West Virginia	R1	R1	425	33	26	41
Wisconsin	R1,303	R573	12,043	1,436	658	426
Wyoming	R230	229	1,843	239	135	360
Total	**R143,619**	**R157,736**	**3,043,094**	**186,846**	**180,318**	**213,487**

[a] Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

R Revised Data.

NA Not Available.

Notes: March and April 2002 data not available in time for publication. See box on page one for more information. Geographic coverage is the 50 States and the District of Columbia.

Source: Form EIA-759, "Monthly Power Plant Report."

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002		
				April	March	February
Alabama	NA	117,108	111,484	NA	NA	R35,013
Alaska	NA	50,290	55,539	NA	NA	R11,862
Arizona	NA	83,691	54,979	NA	NA	R14,761
Arkansas	NA	87,603	94,314	NA	NA	R25,235
California	NA	850,292	710,667	NA	NA	R168,875
Colorado	NA	159,701	130,777	NA	NA	R44,026
Connecticut	NA	55,535	58,411	NA	NA	NA
Delaware	NA	19,759	22,794	NA	NA	R4,199
District of Columbia	NA	18,326	17,325	NA	NA	NA
Florida	NA	135,829	183,574	NA	NA	R41,448
Georgia	NA	146,489	148,992	NA	NA	R38,739
Hawaii	NA	980	969	NA	NA	NA
Idaho	NA	29,832	28,384	NA	NA	R8,519
Illinois	NA	461,839	454,706	NA	NA	R118,380
Indiana	NA	233,508	246,876	NA	NA	R58,387
Iowa	NA	108,002	97,738	NA	NA	R24,842
Kansas	NA	108,042	100,064	NA	NA	R25,088
Kentucky	NA	90,950	91,134	NA	NA	R23,925
Louisiana	NA	458,459	399,027	NA	NA	R93,573
Maine	NA	2,521	3,365	NA	NA	NA
Maryland	NA	89,827	91,182	NA	NA	R19,992
Massachusetts	NA	155,569	150,606	NA	NA	R34,862
Michigan	NA	435,485	432,205	NA	NA	R103,718
Minnesota	NA	158,266	151,402	NA	NA	R35,140
Mississippi	NA	81,904	92,795	NA	NA	R29,750
Missouri	NA	149,808	129,340	NA	NA	R36,507
Montana	NA	27,130	26,282	NA	NA	R6,771
Nebraska	NA	56,548	53,068	NA	NA	R13,746
Nevada	NA	68,776	55,941	NA	NA	R19,502
New Hampshire	NA	10,303	11,163	NA	NA	R2,628
New Jersey	NA	267,134	282,037	NA	NA	R64,697
New Mexico	NA	51,813	49,528	NA	NA	R13,887
New York	NA	485,283	523,788	NA	NA	R117,118
North Carolina	NA	85,580	96,487	NA	NA	R24,269
North Dakota	NA	17,550	16,218	NA	NA	R3,946
Ohio	NA	413,052	407,084	NA	NA	R95,653
Oklahoma	NA	152,108	158,058	NA	NA	R43,017
Oregon	NA	85,627	84,011	NA	NA	R20,172
Pennsylvania	NA	309,366	313,416	NA	NA	R71,649
Rhode Island	NA	34,253	39,060	NA	NA	NA
South Carolina	NA	51,727	63,081	NA	NA	R17,162
South Dakota	NA	17,239	13,264	NA	NA	R3,497
Tennessee	NA	122,583	110,265	NA	NA	NA
Texas	NA	1,140,139	1,157,475	NA	NA	R245,588
Utah	NA	62,317	55,979	NA	NA	R17,561
Vermont	NA	4,128	4,460	NA	NA	R1,143
Virginia	NA	99,887	116,002	NA	NA	R26,470
Washington	NA	129,244	106,146	NA	NA	R25,386
West Virginia	NA	47,669	47,482	NA	NA	R11,252
Wisconsin	NA	188,025	174,629	NA	NA	R43,245
Wyoming	NA	22,316	26,736	NA	NA	R5,312
Total	NA	**8,239,409**	**8,050,307**	NA	NA	**R1,949,032**

See footnotes at end of table.

Table 19

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2002	2001				
	January	Total	December	November	October	September
Alabama	37,999	R308,493	R25,900	R23,269	R25,044	R22,940
Alaska	R13,073	R140,070	R14,260	R12,618	R11,908	R10,329
Arizona	16,062	R196,150	R14,695	R8,752	R10,903	R11,830
Arkansas	NA	R216,853	R21,959	R18,137	R16,834	R14,230
California	R200,021	R2,200,654	R193,603	R152,713	R160,040	R163,699
Colorado	R48,361	R320,653	R35,899	R22,505	R16,041	R13,496
Connecticut	14,793	NA	NA	NA	6,490	4,426
Delaware	5,008	R41,846	3,531	3,417	3,209	2,621
District of Columbia	4,776	30,954	2,867	2,174	1,272	1,113
Florida	50,063	R521,198	R46,478	R41,477	R51,667	R53,675
Georgia	R42,813	R337,621	35,212	24,615	R25,975	R20,736
Hawaii	236	2,818	225	217	220	226
Idaho	R8,682	63,076	7,291	5,191	3,746	3,043
Illinois	R130,428	R918,503	R113,968	R73,278	R64,269	R39,194
Indiana	66,310	R490,413	R51,926	R39,271	R34,344	R26,156
Iowa	R28,395	R218,043	R22,466	R16,854	R14,519	R10,745
Kansas	R28,115	R227,755	R20,872	R14,450	R11,597	R13,156
Kentucky	24,591	R189,881	R23,000	R16,108	R12,416	9,901
Louisiana	R100,511	R1,396,708	R119,412	R111,952	R123,052	R122,048
Maine	877	5,952	793	624	502	326
Maryland	R24,141	R173,811	R16,619	R14,495	11,822	R7,933
Massachusetts	39,288	R312,574	R25,260	R22,597	R19,373	R16,478
Michigan	R113,845	R853,359	R89,562	R70,403	R54,966	36,562
Minnesota	R41,268	R310,099	R37,550	R24,143	R21,426	R14,074
Mississippi	R32,308	R268,564	R22,278	R19,435	R23,307	R28,545
Missouri	R41,147	R280,152	R29,890	R18,382	R13,637	R11,885
Montana	7,646	54,443	6,685	5,072	3,440	2,131
Nebraska	R15,767	R115,778	R10,702	R10,622	R5,541	R5,390
Nevada	R19,911	R173,605	R18,171	R12,395	R12,882	R11,180
New Hampshire	2,646	NA	R1,709	NA	R1,176	855
New Jersey	70,583	536,276	53,463	43,413	32,806	27,832
New Mexico	R11,826	R130,277	R13,405	R9,034	R7,758	R7,263
New York	119,017	R1,083,168	R85,969	R69,992	R69,432	R71,491
North Carolina	27,101	R195,584	R19,056	R15,618	R14,390	R10,860
North Dakota	R5,001	39,016	4,474	3,086	3,030	1,952
Ohio	R101,680	R777,029	R85,849	R58,205	R48,472	R32,331
Oklahoma	R39,123	R393,033	R29,645	R23,464	R25,487	R27,686
Oregon	22,394	R226,441	R19,644	R19,079	R21,352	R15,507
Pennsylvania	79,014	R593,814	R62,593	R45,797	R37,300	R28,314
Rhode Island	NA	89,882	8,832	6,610	7,252	6,774
South Carolina	R19,946	R129,231	R12,196	R10,931	R11,397	8,517
South Dakota	3,932	R33,369	3,610	2,136	1,701	R1,168
Tennessee	35,352	R251,529	24,903	19,300	18,057	12,548
Texas	R286,285	R3,465,531	R280,559	R249,202	R287,010	R285,047
Utah	R19,568	R135,549	R18,560	R11,628	R9,183	R6,586
Vermont	1,120	7,967	830	661	442	363
Virginia	30,922	R237,463	R25,064	R24,767	R17,203	R16,181
Washington	30,106	R353,404	R34,515	R30,988	R29,070	R23,137
West Virginia	NA	R102,117	R12,310	R10,365	R6,795	R5,672
Wisconsin	49,193	R370,102	R43,327	R28,374	R26,650	R17,200
Wyoming	7,740	R53,129	R5,544	R4,919	R4,171	R3,148
Total	**R2,165,940**	**R19,699,855**	**R1,868,010**	**R1,482,743**	**R1,440,574**	**R1,288,502**

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001					
	August	July	June	May	April	March
Alabama	R25,083	R23,947	R22,551	R22,652	R24,370	R28,039
Alaska	R10,797	R10,459	R9,153	R10,255	R11,184	R13,171
Arizona	R14,253	R16,430	R15,818	R19,778	R19,048	R21,565
Arkansas	R15,572	R14,766	R12,875	R14,878	R17,818	R21,526
California	R178,624	R167,047	R161,914	R172,722	R189,356	R201,320
Colorado	R14,439	R15,330	R19,762	R23,480	R32,000	R39,601
Connecticut	4,841	4,800	5,791	5,996	9,977	13,985
Delaware	2,258	2,319	2,376	2,356	3,922	4,931
District of Columbia	941	1,253	1,293	1,713	3,327	4,377
Florida	R52,195	R52,191	R46,159	R41,528	R39,013	R34,608
Georgia	R23,636	R21,617	R18,984	R20,358	25,349	36,829
Hawaii	227	242	244	237	243	247
Idaho	2,844	3,293	3,530	4,306	5,648	6,749
Illinois	R39,639	R41,254	R38,168	R46,895	R62,492	R116,676
Indiana	R27,059	R24,754	R25,859	R27,534	37,071	R57,630
Iowa	R10,875	R10,841	R10,829	R12,913	R17,583	R27,121
Kansas	R18,004	R19,056	R11,481	R11,097	R17,335	R26,758
Kentucky	R9,782	R9,544	8,632	R9,549	R14,886	R21,616
Louisiana	R133,993	R119,455	R101,337	R106,998	R113,235	R114,701
Maine	302	278	282	323	305	577
Maryland	R8,584	R7,438	R8,080	R9,012	R14,432	21,897
Massachusetts	R17,869	R15,934	R17,171	R22,325	R31,987	R38,764
Michigan	R37,945	R38,583	R41,457	R48,396	R77,481	R112,960
Minnesota	R13,960	R12,674	R12,839	R15,167	R24,574	R39,241
Mississippi	R27,290	R26,861	R18,944	R20,002	R20,606	R18,785
Missouri	R15,320	R15,401	R12,488	R13,341	R22,799	R34,277
Montana	2,148	2,355	2,434	3,050	5,028	5,773
Nebraska	R6,248	R8,411	R5,347	R6,970	R10,880	R13,496
Nevada	R13,430	R12,169	R11,981	R12,622	R12,435	R17,869
New Hampshire	589	548	680	1,293	1,936	2,640
New Jersey	R27,588	27,026	25,966	31,048	49,978	67,380
New Mexico	R8,155	R13,085	R9,574	R10,190	R11,884	R11,241
New York	R74,690	R67,951	R78,806	R79,554	98,645	R122,493
North Carolina	R14,875	R12,312	R11,645	R11,249	R15,150	R20,041
North Dakota	2,395	1,366	2,540	2,622	3,826	3,576
Ohio	R30,138	R33,167	R34,522	R41,292	R66,274	R101,713
Oklahoma	R34,263	R41,331	R29,754	R29,294	R32,393	R38,290
Oregon	R15,727	R16,368	R17,358	R15,779	R18,212	R20,865
Pennsylvania	R26,573	R24,549	R25,807	R33,515	R53,809	R78,318
Rhode Island	6,980	6,205	6,007	6,970	7,140	10,152
South Carolina	R9,186	R8,568	R8,201	8,506	R10,598	12,101
South Dakota	R1,679	R1,759	R1,641	R2,437	R3,343	R4,638
Tennessee	13,356	13,075	13,445	14,261	22,306	27,420
Texas	R342,140	R345,379	R262,858	R273,197	R274,688	R280,831
Utah	R6,006	R6,231	R7,129	R7,908	R11,315	R13,178
Vermont	309	307	384	544	837	1,091
Virginia	R17,162	R14,573	10,777	R11,850	R15,651	22,827
Washington	R25,265	R27,634	R27,219	R26,331	R29,444	R32,084
West Virginia	R4,677	R4,527	R4,732	R5,370	R9,475	R11,073
Wisconsin	R16,410	R16,146	R15,910	R18,061	R26,099	R54,618
Wyoming	R3,012	3,001	3,344	3,674	R4,562	R5,068
Total	**R1,409,331**	**R1,383,813**	**R1,246,075**	**R1,341,399**	**R1,631,949**	**R2,036,726**

See footnotes at end of table.

Table 19

Table 19. Natural Gas Deliveries to All Consumers, by State, 2000-2002

(Million Cubic Feet) — Continued

State	2001		2000			
	February	January	Total	December	November	October
Alabama	R28,474	R36,225	298,492	31,038	23,174	19,947
Alaska	R12,328	R13,607	150,666	14,583	12,486	12,435
Arizona	R23,190	R19,887	184,023	20,652	16,546	13,475
Arkansas	R20,033	R28,225	242,977	30,258	21,372	14,970
California	R215,971	R243,646	2,247,921	213,789	199,735	193,758
Colorado	R41,830	R46,270	299,653	43,946	27,031	18,474
Connecticut	14,262	17,311	123,711	16,169	10,983	7,576
Delaware	5,261	5,646	52,034	4,756	3,498	3,618
District of Columbia	4,815	5,808	33,181	4,731	2,305	1,507
Florida	R29,113	R33,094	519,190	31,473	34,049	38,263
Georgia	34,546	49,766	394,896	57,665	35,432	23,929
Hawaii	237	253	2,841	232	240	233
Idaho	8,519	8,916	65,046	8,180	6,373	4,313
Illinois	R131,845	R150,826	1,006,805	171,913	108,105	56,387
Indiana	R61,846	R76,961	570,431	82,201	50,503	36,328
Iowa	R29,850	R33,448	224,526	34,772	22,207	13,815
Kansas	R27,869	R36,080	252,650	30,636	18,769	12,935
Kentucky	23,081	31,367	208,207	33,069	21,263	12,343
Louisiana	R110,149	R120,374	1,266,837	114,506	109,244	109,800
Maine	875	763	7,733	1,196	841	552
Maryland	22,949	30,549	206,716	27,920	18,923	12,045
Massachusetts	40,576	44,242	332,910	40,276	26,421	21,068
Michigan	R112,355	R132,689	893,256	127,001	73,045	50,142
Minnesota	R46,044	R48,408	333,386	53,647	35,138	18,947
Mississippi	R16,303	R26,210	248,908	22,958	16,325	14,584
Missouri	R40,719	R52,014	277,875	42,473	20,942	15,856
Montana	8,348	7,981	57,642	8,171	6,118	3,874
Nebraska	R15,229	R16,942	121,642	15,978	9,377	6,389
Nevada	R18,518	R19,954	182,188	20,096	17,345	15,984
New Hampshire	2,874	2,852	20,833	2,367	1,772	1,055
New Jersey	68,160	81,615	590,675	75,867	46,807	32,204
New Mexico	R14,563	R14,125	127,696	14,308	10,924	8,677
New York	R128,513	R135,631	1,248,672	132,667	98,801	81,091
North Carolina	21,182	R29,207	221,998	27,014	18,720	13,446
North Dakota	5,277	4,871	36,553	5,043	3,462	2,599
Ohio	R109,791	R135,274	860,252	133,197	79,100	48,850
Oklahoma	R39,708	R41,717	442,877	43,731	29,160	25,508
Oregon	R24,954	R21,596	212,918	22,380	18,168	16,028
Pennsylvania	R80,353	R96,886	659,740	92,446	57,231	39,111
Rhode Island	7,850	9,111	78,046	8,558	6,700	5,305
South Carolina	12,786	16,242	151,660	15,842	11,945	10,102
South Dakota	R4,873	R4,384	32,735	5,524	3,633	1,725
Tennessee	29,379	43,477	252,528	35,741	21,139	16,208
Texas	R274,954	R309,666	3,789,439	329,893	287,491	289,811
Utah	R17,564	R20,260	136,975	19,656	17,305	9,961
Vermont	1,005	1,195	10,410	949	941	761
Virginia	26,989	34,420	262,316	38,207	21,492	13,644
Washington	R34,692	R33,024	279,757	28,385	25,312	22,916
West Virginia	R12,279	R14,842	102,616	12,733	7,738	6,297
Wisconsin	R53,137	R54,171	388,053	63,197	39,779	23,483
Wyoming	R5,916	R6,771	59,195	6,348	5,710	3,629
Total	**R2,121,935**	**R2,448,800**	**20,772,291**	**2,418,338**	**1,761,121**	**1,425,960**

R Revised Data.
NA Not Available.

Notes: March and April 2002 deliveries to Electric Utilities not available in time for publication. See box on page one for more information. 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 for commercial deliveries but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Sources: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-759, "Monthly Power Plant Report."

Table 20. Average City Gate Price, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				2001
				April	March	February	January	Total
Alabama	4.63	7.37	3.31	4.37	4.49	4.80	4.71	6.62
Alaska	2.42	2.44	1.60	2.39	2.41	2.41	2.44	2.35
Arizona	3.52	6.46	3.73	3.70	3.74	3.35	3.41	5.05
Arkansas	NA	NA	3.04	NA	NA	5.72	NA	NA
California	2.90	9.49	2.94	3.85	2.76	2.42	2.68	6.64
Colorado	2.80	5.68	2.57	2.87	3.15	2.58	2.64	4.21
Connecticut	NA	9.99	5.66	NA	5.71	NA	6.72	8.12
Delaware	5.02	6.94	3.24	5.80	6.70	4.07	4.47	5.18
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.53	7.67	3.79	4.01	3.51	3.27	3.35	5.21
Georgia	3.26	7.78	3.43	3.70	3.18	4.21	2.44	6.05
Hawaii	6.26	8.22	7.38	6.44	6.03	6.10	6.49	7.86
Idaho	3.60	5.93	2.65	3.36	3.56	3.53	3.77	R4.85
Illinois	3.39	7.56	3.16	3.93	3.13	3.16	3.52	NA
Indiana	3.44	NA	2.74	3.89	3.37	3.33	3.37	NA
Iowa	3.55	7.80	3.40	4.03	3.51	3.39	3.46	NA
Kansas	3.95	8.20	3.25	4.77	3.98	3.80	3.65	6.05
Kentucky	4.40	7.72	3.76	5.47	4.06	4.69	4.08	NA
Louisiana	NA	7.95	3.17	NA	NA	NA	3.91	NA
Maine	NA	6.85	4.44	NA	3.99	4.79	4.02	NA
Maryland	NA	7.78	3.91	5.30	4.18	NA	NA	NA
Massachusetts	4.10	7.61	3.94	4.23	4.29	4.24	3.80	NA
Michigan	4.38	4.08	3.02	3.51	4.76	4.45	4.54	4.09
Minnesota	3.56	7.31	3.23	3.54	3.64	3.65	3.42	5.84
Mississippi	3.95	NA	3.23	4.42	3.62	3.76	4.14	NA
Missouri	3.98	7.45	3.44	4.94	4.03	3.97	3.65	6.31
Montana	2.87	5.62	2.91	3.05	2.72	2.64	3.09	3.93
Nebraska	3.76	8.08	3.32	4.31	3.63	3.58	3.77	6.38
Nevada	4.19	6.14	3.58	4.35	4.48	3.83	4.20	NA
New Hampshire	4.38	5.28	4.14	4.91	3.88	3.14	7.84	NA
New Jersey	NA	7.72	4.08	4.48	NA	NA	NA	NA
New Mexico	2.52	5.31	2.50	2.90	2.44	2.23	2.71	NA
New York	3.82	NA	3.56	3.57	3.98	3.47	4.19	NA
North Carolina	3.97	8.78	3.83	4.51	3.81	3.72	4.06	6.98
North Dakota	3.39	7.08	3.49	3.54	3.23	3.26	3.54	NA
Ohio	NA	9.38	5.36	3.07	NA	4.28	3.63	NA
Oklahoma	NA	7.39	3.33	4.14	NA	4.07	NA	6.83
Oregon	5.07	4.72	3.12	5.46	5.17	5.10	4.75	4.92
Pennsylvania	NA	7.46	3.75	NA	4.91	5.20	4.44	6.71
Rhode Island	NA	8.25	3.26	5.08	4.18	4.07	NA	7.42
South Carolina	4.66	8.20	3.81	5.23	4.39	4.30	4.96	6.48
South Dakota	4.10	8.08	3.72	4.98	3.69	4.04	4.10	NA
Tennessee	3.99	7.51	3.46	3.50	3.78	3.99	4.35	5.98
Texas	3.51	7.35	2.98	4.13	3.29	3.25	3.61	5.53
Utah	4.27	6.04	3.46	3.60	4.18	4.54	4.34	5.62
Vermont	5.02	5.18	3.61	4.81	4.82	5.01	5.32	4.83
Virginia	NA	7.23	3.74	4.47	3.33	3.99	NA	NA
Washington	NA	6.87	2.91	5.24	NA	NA	3.03	NA
West Virginia	NA	NA	3.46	4.44	3.85	3.82	NA	NA
Wisconsin	3.75	7.53	3.20	4.32	3.47	3.74	3.71	5.90
Wyoming	NA	7.71	4.24	4.07	NA	3.98	3.97	6.32
Total	**4.00**	**7.38**	**3.47**	**4.09**	**3.87**	**3.86**	**4.16**	**R5.83**

See footnotes at end of table.

Table 20

Table 20. Average City Gate Price, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	December	November	October	September	August	July	June	May
Alabama	4.99	4.99	5.16	5.45	6.02	5.62	6.47	6.98
Alaska	2.34	2.30	2.29	2.25	2.22	1.91	2.68	2.23
Arizona	3.27	4.38	3.47	3.93	4.05	3.68	4.24	4.92
Arkansas	NA	NA	NA	3.93	4.41	NA	NA	NA
California	2.80	3.15	2.38	2.71	2.80	2.92	8.08	7.32
Colorado	2.93	3.02	2.28	2.73	3.04	3.14	3.21	3.94
Connecticut	5.07	6.30	4.23	5.84	8.54	7.96	6.98	8.87
Delaware	4.39	4.05	3.19	3.31	3.77	4.80	4.63	5.15
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.41	3.58	2.69	2.98	3.45	3.98	4.56	5.75
Georgia	3.77	4.26	3.55	3.81	3.92	4.35	6.43	5.77
Hawaii	6.95	7.53	7.42	7.92	7.90	7.92	7.76	7.91
Idaho	3.74	3.85	3.48	3.50	3.12	3.60	4.20	6.00
Illinois	NA	3.56	2.46	2.60	3.99	3.80	4.56	5.03
Indiana	3.60	3.90	NA	NA	3.01	3.08	NA	NA
Iowa	NA	3.45	2.84	3.80	4.26	5.42	5.40	6.52
Kansas	3.92	4.23	3.01	3.12	4.12	4.17	4.84	6.45
Kentucky	4.85	4.82	4.26	2.36	4.51	NA	6.45	7.18
Louisiana	NA	NA	3.16	3.47	4.23	NA	4.60	5.03
Maine	NA	NA	1.48	3.01	6.56	6.61	NA	11.90
Maryland	NA	5.65	5.13	NA	6.26	6.85	7.62	8.14
Massachusetts	NA	6.00	3.75	6.15	6.69	7.38	6.73	5.78
Michigan	3.55	3.80	3.68	3.86	4.30	4.36	4.46	4.61
Minnesota	4.02	4.52	2.57	3.66	4.08	4.32	4.84	5.51
Mississippi	4.11	NA	3.35	NA	5.95	4.32	4.68	5.43
Missouri	3.61	4.67	3.57	5.33	6.02	6.38	6.47	7.66
Montana	2.39	3.12	1.96	2.23	2.58	2.85	2.64	3.85
Nebraska	3.66	3.83	2.85	4.13	4.18	4.31	4.96	6.28
Nevada	4.18	5.02	3.57	4.67	5.22	3.63	3.95	NA
New Hampshire	NA	NA	NA	NA	6.56	5.67	3.59	4.75
New Jersey	NA	NA	NA	9.29	7.47	8.33	8.06	9.65
New Mexico	2.41	NA	2.36	2.07	2.62	2.48	2.80	3.71
New York	3.81	NA	2.87	2.90	3.64	3.38	3.97	5.22
North Carolina	4.11	4.70	4.42	5.02	5.55	5.96	6.07	7.25
North Dakota	2.51	4.34	2.10	2.86	3.10	NA	2.93	4.76
Ohio	4.89	5.38	5.70	5.13	7.63	NA	8.49	6.29
Oklahoma	5.38	5.96	4.00	5.69	5.01	4.92	5.85	6.61
Oregon	5.39	5.41	4.60	5.42	5.07	5.03	4.85	4.70
Pennsylvania	5.20	5.03	5.91	6.32	6.11	6.58	6.75	7.23
Rhode Island	4.14	5.28	6.09	7.90	8.15	7.28	9.96	9.90
South Carolina	4.95	5.01	4.08	4.70	5.01	5.39	5.83	6.94
South Dakota	NA	3.94	3.25	4.61	4.51	5.98	5.93	7.30
Tennessee	4.28	4.79	3.79	3.51	4.04	4.10	4.91	5.55
Texas	3.22	3.69	2.88	3.16	4.14	4.45	4.78	5.61
Utah	5.01	4.69	4.76	6.65	5.82	5.94	5.48	5.53
Vermont	5.15	3.93	5.06	4.06	4.35	4.14	4.09	4.38
Virginia	5.03	NA	NA	5.49	7.43	6.71	7.52	8.13
Washington	3.88	4.09	3.00	3.56	3.50	NA	4.07	5.41
West Virginia	NA	4.44	3.95	2.99	4.21	4.53	NA	NA
Wisconsin	3.50	4.33	2.85	3.68	5.04	5.17	4.91	5.18
Wyoming	4.44	4.91	4.63	5.35	6.82	5.26	3.85	6.38
Total	**4.08**	**4.17**	**3.47**	**3.64**	**4.27**	**4.28**	**5.36**	**5.89**

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001				2000			
	April	March	February	January	Total	December	November	October
Alabama	6.33	6.90	8.60	7.12	4.50	6.00	5.62	6.00
Alaska	2.20	2.55	2.53	2.44	1.60	1.61	1.62	1.62
Arizona	5.22	5.31	6.25	7.91	4.82	7.07	5.51	5.36
Arkansas	NA	NA	NA	NA	4.16	5.64	4.29	5.80
California	7.52	8.36	9.42	12.64	4.32	7.30	5.09	5.17
Colorado	5.21	4.73	5.01	7.10	3.53	5.13	4.04	4.24
Connecticut	9.97	8.65	10.03	11.06	6.73	8.32	7.06	7.30
Delaware	5.96	6.10	7.33	8.30	3.41	4.19	5.44	4.49
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.50	6.30	6.18	10.21	5.10	7.92	6.37	6.65
Georgia	6.14	6.65	8.05	8.90	4.64	7.09	5.74	5.31
Hawaii	7.57	7.42	8.78	9.17	8.41	9.81	9.43	9.09
Idaho	5.24	R5.04	R5.58	6.94	4.02	6.70	4.67	5.27
Illinois	6.09	5.19	6.89	10.53	5.01	7.83	5.33	6.39
Indiana	3.36	NA	5.77	7.87	4.03	6.20	4.54	5.40
Iowa	6.47	6.06	8.01	9.35	5.06	7.38	5.74	6.41
Kansas	6.59	5.92	8.32	10.13	4.52	6.21	5.21	6.46
Kentucky	5.53	5.89	8.65	9.15	4.93	6.75	5.79	6.14
Louisiana	6.06	6.11	6.96	10.43	4.61	7.26	5.39	5.80
Maine	5.84	6.53	7.57	6.97	5.30	5.98	4.41	8.23
Maryland	5.23	6.51	6.85	10.03	5.36	7.32	5.87	7.62
Massachusetts	6.40	6.00	7.64	9.42	5.43	7.00	5.69	6.66
Michigan	4.90	3.60	3.52	4.40	3.23	3.67	3.44	3.47
Minnesota	6.00	5.51	7.28	9.37	4.73	7.35	5.66	5.95
Mississippi	6.33	NA	6.44	9.68	4.66	7.47	5.50	5.73
Missouri	7.35	5.60	7.07	8.73	4.96	6.09	5.49	7.03
Montana	4.09	5.03	5.31	7.34	3.55	5.11	4.27	3.93
Nebraska	7.20	6.52	8.10	9.46	4.52	6.03	5.11	5.89
Nevada	6.54	5.53	5.64	6.71	4.79	6.35	6.28	5.26
New Hampshire	4.77	4.88	5.21	6.06	5.34	7.38	7.20	6.24
New Jersey	8.41	6.15	7.48	8.82	5.34	6.66	5.74	7.94
New Mexico	4.55	4.75	5.81	5.56	3.79	6.04	4.98	4.91
New York	NA	5.37	6.47	8.99	4.67	7.13	5.26	6.37
North Carolina	7.20	7.05	9.60	9.87	5.09	6.78	5.77	6.38
North Dakota	5.64	6.00	6.48	9.50	4.60	6.20	5.41	5.81
Ohio	11.56	9.95	10.34	7.87	6.10	7.17	5.64	7.58
Oklahoma	5.95	6.89	9.58	6.59	3.91	5.58	5.60	4.94
Oregon	4.25	4.45	4.67	5.26	3.87	4.86	4.87	4.66
Pennsylvania	7.15	6.96	6.91	8.36	5.09	6.32	5.62	6.40
Rhode Island	8.79	9.60	6.69	8.27	4.36	6.70	4.47	7.15
South Carolina	6.87	6.34	7.88	10.46	5.09	6.81	5.87	6.56
South Dakota	7.50	6.58	7.68	9.94	4.81	6.29	4.55	5.57
Tennessee	5.99	6.30	7.73	9.28	4.72	7.14	5.64	6.05
Texas	5.71	5.81	7.01	9.10	4.39	6.85	5.26	5.49
Utah	5.51	6.35	6.41	5.83	3.68	4.26	4.17	3.88
Vermont	4.70	4.93	5.23	5.65	4.26	5.21	5.34	5.11
Virginia	4.72	6.61	7.65	8.11	5.34	7.53	6.39	5.82
Washington	5.14	5.13	6.48	9.87	4.16	8.10	4.71	4.35
West Virginia	5.98	NA	4.26	4.25	3.75	3.76	4.01	5.48
Wisconsin	6.41	6.13	6.61	9.93	4.42	5.85	5.12	5.79
Wyoming	6.91	8.98	7.01	8.07	5.07	7.97	5.59	5.50
Total	**6.35**	**6.17**	**R7.20**	**8.84**	**4.62**	**6.64**	**5.20**	**5.66**

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 5 for discussion of computations and revision policy.

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

Table 21

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				2001
				April	March	February	January	Total
Alabama	9.86	11.35	7.84	11.07	9.40	10.06	9.58	12.09
Alaska	4.32	4.15	3.41	4.33	4.31	4.27	4.39	4.23
Arizona	11.79	9.40	8.39	12.26	12.27	11.41	11.67	10.88
Arkansas	NA	NA	5.90	NA	NA	8.42	NA	NA
California	6.68	12.88	6.86	6.84	5.99	6.67	7.11	10.29
Colorado	5.22	8.45	5.20	5.90	5.45	4.73	5.25	8.44
Connecticut	NA	12.98	10.71	11.12	10.11	NA	10.88	NA
Delaware	10.77	10.24	7.77	11.18	10.81	10.75	10.53	11.03
District of Columbia	10.87	13.57	9.52	12.76	10.88	10.23	10.78	13.10
Florida	12.36	15.42	11.03	13.81	12.28	11.75	12.16	15.89
Georgia	6.83	10.47	6.63	6.81	7.70	7.69	6.03	9.92
Hawaii	23.28	22.45	20.39	23.17	23.21	23.30	23.44	22.55
Idaho	8.92	7.96	5.55	9.16	8.96	8.79	R8.88	8.50
Illinois	5.14	10.88	5.45	5.62	5.05	5.01	5.07	NA
Indiana	6.81	9.85	5.52	7.67	6.37	6.58	6.90	NA
Iowa	5.85	9.85	5.80	6.43	5.90	5.71	5.60	8.88
Kansas	7.57	10.09	6.25	8.69	7.39	7.15	7.54	10.07
Kentucky	7.12	9.97	5.93	7.47	6.25	7.51	7.35	9.65
Louisiana	NA	10.80	5.91	NA	NA	NA	6.75	NA
Maine	NA	11.94	8.43	NA	11.55	11.42	10.75	NA
Maryland	NA	12.01	8.17	11.01	9.10	NA	NA	NA
Massachusetts	9.68	13.01	9.11	9.62	9.72	9.46	9.88	13.15
Michigan	6.00	4.98	4.81	6.14	6.11	6.07	5.78	5.59
Minnesota	6.02	10.16	5.68	6.80	5.87	5.75	5.98	8.80
Mississippi	6.83	10.36	6.30	7.83	6.37	7.04	6.66	10.05
Missouri	7.16	10.21	6.34	7.40	6.91	7.25	7.18	10.51
Montana	5.35	7.04	5.43	5.23	4.98	5.35	5.77	7.00
Nebraska	5.38	8.97	5.13	5.81	5.19	5.26	5.40	8.47
Nevada	9.33	8.06	6.26	9.64	9.20	9.07	RG9.53	8.96
New Hampshire	9.48	12.14	9.07	9.88	9.57	9.46	9.17	12.64
New Jersey	7.10	7.18	7.40	6.71	7.30	6.91	7.35	7.69
New Mexico	7.02	10.11	5.56	8.42	5.44	8.13	6.45	8.25
New York	9.30	11.71	8.79	9.47	9.25	8.83	9.69	12.04
North Carolina	8.39	12.34	8.25	8.79	8.02	8.59	8.33	12.31
North Dakota	4.79	9.03	4.97	5.30	4.52	4.71	4.82	7.62
Ohio	6.87	10.36	6.32	6.73	6.47	7.00	7.17	9.95
Oklahoma	NA	8.47	6.02	7.54	NA	7.37	NA	8.91
Oregon	10.58	8.99	7.42	10.73	10.61	10.55	10.49	9.68
Pennsylvania	8.59	11.08	7.54	8.87	8.50	8.67	8.45	11.47
Rhode Island	NA	11.58	8.77	11.75	11.45	11.26	NA	12.17
South Carolina	9.59	12.74	8.34	10.01	9.26	9.93	9.43	12.35
South Dakota	6.18	9.96	5.78	6.67	6.17	6.03	6.00	NA
Tennessee	7.34	10.76	6.38	7.70	7.27	7.62	7.04	10.33
Texas	5.84	9.93	5.78	6.34	5.18	6.69	5.55	9.19
Utah	6.20	8.38	6.11	6.68	6.06	6.17	6.18	8.08
Vermont	10.05	9.27	7.45	10.27	10.05	9.97	9.97	10.07
Virginia	8.77	12.10	9.35	11.17	8.49	7.97	8.86	12.35
Washington	NA	9.43	6.43	9.69	NA	NA	9.10	9.77
West Virginia	NA	7.08	7.09	8.47	8.08	7.99	NA	7.59
Wisconsin	6.90	9.98	6.30	7.64	6.68	6.59	6.97	8.76
Wyoming	5.38	8.64	5.14	5.41	5.22	5.64	5.35	8.45
Total	**7.21**	**10.11**	**6.66**	**7.56**	**6.96**	**7.19**	**R7.24**	**9.63**

See footnotes at end of table.

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	December	November	October	September	August	July	June	May
Alabama	11.89	11.96	12.91	16.00	16.04	16.16	15.87	14.65
Alaska	4.10	4.05	4.27	4.51	4.74	4.91	4.63	4.36
Arizona	12.14	13.84	14.57	14.98	15.18	14.63	13.55	11.69
Arkansas	NA	NA	NA	NA	NA	NA	NA	NA
California	6.00	5.80	5.97	7.23	8.15	8.63	11.25	11.58
Colorado	5.33	6.15	10.16	13.04	13.57	12.64	11.39	10.05
Connecticut	NA	NA	11.31	14.52	13.93	14.95	13.97	12.28
Delaware	11.36	11.72	13.07	14.91	15.77	14.33	13.67	12.36
District of Columbia	11.51	11.36	12.52	13.69	11.24	11.58	11.55	14.96
Florida	13.87	14.79	16.05	17.30	17.46	17.51	17.57	18.95
Georgia	7.23	9.50	7.48	10.32	10.99	14.94	11.03	10.81
Hawaii	23.88	24.02	21.82	22.29	22.52	22.14	21.99	22.11
Idaho	8.98	9.17	9.62	10.05	10.29	9.85	9.39	8.93
Illinois	NA	5.45	5.25	7.63	9.39	9.41	10.33	10.35
Indiana	6.43	7.66	8.32	NA	NA	NA	NA	NA
Iowa	4.24	6.91	6.17	10.35	11.55	10.85	11.16	10.43
Kansas	7.84	9.11	10.69	13.50	12.31	12.28	12.50	11.74
Kentucky	7.36	7.72	9.73	11.46	13.10	13.17	15.23	13.35
Louisiana	NA	NA	NA	NA	NA	NA	9.36	9.42
Maine	9.80	NA	12.73	13.62	16.90	17.96	17.07	10.45
Maryland	NA	9.78	8.95	NA	14.68	7.31	14.63	14.37
Massachusetts	12.08	12.05	13.06	15.30	16.03	14.99	14.09	14.29
Michigan	5.74	5.77	6.14	7.58	8.83	8.59	7.69	7.17
Minnesota	5.82	6.92	5.52	7.31	8.72	8.82	8.76	9.30
Mississippi	8.17	7.89	7.93	12.29	12.08	11.37	11.54	10.80
Missouri	7.61	10.39	12.68	14.93	15.88	15.24	14.17	12.87
Montana	6.10	6.35	6.74	8.55	8.83	8.81	8.10	7.67
Nebraska	6.01	6.36	6.83	8.92	9.66	9.17	8.97	9.20
Nevada	8.15	11.09	11.40	14.92	11.20	11.28	10.02	9.36
New Hampshire	12.93	13.94	12.79	14.65	15.93	16.39	14.83	10.90
New Jersey	8.14	8.45	9.29	9.22	9.25	8.60	8.40	8.13
New Mexico	4.26	4.81	5.63	8.18	9.94	8.96	10.88	12.47
New York	11.23	11.60	11.25	13.93	14.82	14.83	14.28	13.43
North Carolina	10.60	10.30	11.94	15.50	17.13	16.67	14.85	14.09
North Dakota	4.87	5.10	4.87	7.21	7.03	9.18	9.91	9.24
Ohio	7.33	7.49	9.30	10.59	10.18	13.49	12.36	11.90
Oklahoma	7.69	9.27	10.77	12.33	12.32	12.62	12.23	9.78
Oregon	10.56	10.82	11.18	11.17	11.21	10.79	10.18	9.49
Pennsylvania	9.47	10.38	12.06	15.70	16.83	16.40	15.22	14.10
Rhode Island	12.25	13.35	13.68	13.54	14.94	14.68	13.70	12.49
South Carolina	10.66	9.84	11.86	13.64	13.95	13.81	13.40	12.35
South Dakota	NA	6.57	5.84	8.73	9.15	NA	8.97	9.26
Tennessee	7.83	9.14	9.47	10.87	12.03	11.80	12.11	11.16
Texas	6.09	7.96	7.90	10.16	6.90	10.79	12.04	10.70
Utah	7.03	7.48	6.82	9.55	9.34	9.36	8.82	9.59
Vermont	10.44	11.07	12.52	14.38	14.14	12.58	11.56	10.39
Virginia	9.94	10.50	13.40	16.58	17.30	17.33	16.41	15.51
Washington	9.59	9.72	10.22	10.92	11.48	11.14	10.72	10.33
West Virginia	8.07	7.62	8.03	9.36	9.95	12.92	12.14	8.36
Wisconsin	6.54	7.45	5.01	6.44	9.17	7.72	8.60	9.61
Wyoming	5.33	7.24	8.66	10.66	11.12	12.25	10.03	11.79
Total	**[R]7.29**	**7.97**	**8.18**	**10.16**	**[R]10.78**	**[R]11.02**	**[R]11.52**	**[R]11.12**

See footnotes at end of table.

Table 21

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001				2000			
	April	March	February	January	Total	December	November	October
Alabama	12.08	12.53	12.05	10.12	9.22	9.74	11.85	12.02
Alaska	4.16	[R]4.18	4.17	[R]4.10	3.57	3.90	3.41	3.52
Arizona	10.47	9.47	9.21	9.10	9.43	8.88	9.93	12.88
Arkansas	NA	NA	NA	NA	7.43	7.87	7.65	10.37
California	11.89	13.73	13.72	12.07	8.21	10.48	9.54	9.89
Colorado	9.52	9.03	8.60	7.15	6.14	6.71	7.25	7.53
Connecticut	13.10	12.21	13.51	13.09	11.43	11.96	12.13	12.80
Delaware	11.14	10.78	10.31	9.27	8.33	8.52	9.65	12.24
District of Columbia	13.62	13.11	13.64	13.79	10.81	13.31	13.85	14.65
Florida	18.02	19.04	15.60	12.63	12.93	13.43	15.48	15.76
Georgia	10.12	9.44	11.55	10.46	8.38	10.22	11.14	10.38
Hawaii	21.71	22.10	22.81	23.21	21.87	23.59	22.88	23.24
Idaho	8.76	8.53	7.96	7.15	6.28	7.04	7.28	7.58
Illinois	9.28	9.62	11.33	11.86	7.33	8.74	8.70	10.12
Indiana	11.83	10.37	9.54	9.08	6.42	6.94	6.59	8.31
Iowa	9.34	8.48	9.76	11.16	7.81	9.49	8.03	9.91
Kansas	9.76	9.19	10.00	10.84	7.64	8.84	9.07	10.57
Kentucky	10.87	9.95	10.89	9.18	7.41	8.48	8.77	9.34
Louisiana	8.69	9.36	11.02	11.83	8.34	10.80	10.36	12.48
Maine	15.54	11.39	11.75	11.29	9.71	10.85	10.46	11.19
Maryland	12.68	10.82	12.85	11.94	9.78	10.06	10.49	13.23
Massachusetts	14.39	14.17	12.84	11.24	9.91	11.46	11.08	10.83
Michigan	5.40	4.93	4.92	4.87	5.11	4.76	5.11	5.70
Minnesota	8.67	8.73	9.39	12.62	7.13	8.86	7.84	9.12
Mississippi	10.60	9.21	8.74	11.78	7.48	8.35	8.90	10.30
Missouri	11.19	10.76	10.93	9.01	7.85	9.17	9.31	10.73
Montana	7.40	7.40	6.99	6.60	6.04	6.33	6.20	6.36
Nebraska	8.08	8.25	10.31	8.72	6.45	7.54	7.88	9.07
Nevada	8.95	8.47	8.31	7.11	6.63	6.29	6.33	7.47
New Hampshire	11.76	13.02	12.07	11.71	10.07	12.13	12.68	10.99
New Jersey	7.76	7.35	6.96	6.93	7.28	6.98	6.74	6.24
New Mexico	13.43	13.44	9.34	8.25	6.10	6.80	5.78	5.54
New York	11.32	10.99	12.04	12.24	9.86	9.02	10.16	12.15
North Carolina	12.58	12.56	13.28	11.52	9.53	9.97	10.90	12.63
North Dakota	8.25	8.32	9.17	9.74	6.37	7.85	7.70	8.00
Ohio	10.89	10.87	11.02	9.31	7.70	9.41	9.40	9.38
Oklahoma	9.82	8.70	9.09	7.23	7.36	7.77	8.89	10.27
Oregon	9.25	9.09	8.94	8.78	8.12	8.90	9.16	9.40
Pennsylvania	12.44	11.76	10.92	10.09	8.49	9.21	9.19	10.08
Rhode Island	11.98	11.60	11.55	11.34	9.83	10.98	13.26	11.90
South Carolina	11.40	12.38	13.41	12.92	9.15	10.09	10.96	10.34
South Dakota	9.28	8.30	10.40	11.20	7.34	8.62	7.72	9.11
Tennessee	9.89	8.51	14.43	10.15	7.48	8.35	9.54	9.36
Texas	9.49	8.85	9.08	11.21	7.41	8.05	8.57	10.70
Utah	7.97	8.82	8.44	8.26	6.20	6.29	6.12	6.00
Vermont	9.46	9.26	9.23	9.18	8.13	9.34	8.88	8.49
Virginia	12.15	11.27	12.73	12.15	9.98	10.04	9.87	11.96
Washington	10.09	10.09	9.70	8.22	7.16	7.98	8.20	8.72
West Virginia	7.32	7.11	7.05	6.97	7.46	7.13	7.61	8.21
Wisconsin	9.58	8.73	9.05	12.21	7.55	9.40	8.48	8.69
Wyoming	6.15	13.00	8.91	7.54	6.11	7.85	6.71	6.73
Total	**10.18**	**9.91**	**[R]10.32**	**10.06**	**7.76**	**8.56**	**8.58**	**9.44**

[R] Revised Data.
NA Not Available.

Notes: Data through 2000 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 5 for discussion of computations and revision policy.

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

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				2001
				April	March	February	January	Total
Alabama	8.79	10.36	6.77	9.24	8.63	8.99	8.54	10.37
Alaska	3.37	2.67	2.09	3.34	3.40	3.32	3.42	2.63
Arizona	8.95	7.76	6.47	8.24	9.04	8.92	9.34	8.15
Arkansas	NA	NA	4.04	NA	NA	6.90	NA	NA
California	6.01	12.66	6.48	6.07	5.50	5.84	6.53	9.00
Colorado	4.67	7.76	4.79	4.83	5.04	4.18	4.76	7.46
Connecticut	NA	9.14	7.03	7.25	5.98	NA	7.41	NA
Delaware	9.47	9.10	6.25	9.70	9.41	9.34	9.49	9.56
District of Columbia	10.47	13.44	8.99	11.61	10.36	10.07	10.39	12.40
Florida	7.62	12.36	6.95	7.73	7.34	7.63	7.77	10.61
Georgia	5.36	10.44	6.91	6.47	5.05	5.13	5.25	8.72
Hawaii	17.13	17.79	16.23	16.97	16.92	17.03	17.58	17.61
Idaho	8.31	NA	4.84	8.59	8.30	8.18	8.29	NA
Illinois	5.26	10.31	5.19	5.61	5.31	5.11	5.14	NA
Indiana	6.25	NA	5.05	7.27	5.80	5.87	6.41	NA
Iowa	4.86	8.45	4.97	5.21	4.98	4.69	4.72	NA
Kansas	6.89	9.71	5.72	7.59	6.64	6.55	7.05	9.15
Kentucky	6.90	9.43	5.45	6.71	6.03	7.12	7.50	NA
Louisiana	NA	NA	5.23	NA	NA	6.15	6.58	NA
Maine	NA	10.90	7.12	NA	10.36	10.81	10.08	10.77
Maryland	NA	11.06	7.15	10.08	7.38	NA	NA	NA
Massachusetts	8.65	12.25	8.35	8.15	8.29	8.78	9.15	NA
Michigan	5.81	4.87	4.62	5.82	5.91	5.88	5.63	5.30
Minnesota	5.04	9.39	4.84	5.83	5.07	4.70	4.79	7.57
Mississippi	5.66	9.59	5.42	6.43	4.99	5.63	5.83	NA
Missouri	6.74	10.06	5.84	6.69	6.45	6.84	6.94	9.68
Montana	5.42	6.44	5.34	5.33	5.06	5.44	5.82	6.64
Nebraska	4.76	8.49	4.47	4.91	4.62	4.65	4.89	7.19
Nevada	7.88	7.24	5.42	7.02	8.07	7.81	R8.28	7.97
New Hampshire	NA	11.64	7.84	NA	8.19	8.15	8.48	NA
New Jersey	5.78	8.66	5.89	5.79	6.41	5.72	5.44	7.73
New Mexico	4.15	7.99	4.47	3.65	3.47	4.12	4.94	6.28
New York	8.10	9.67	8.79	7.67	7.77	8.35	8.46	8.26
North Carolina	6.79	10.97	6.83	6.34	6.54	6.94	7.03	10.03
North Dakota	4.75	8.66	4.49	5.01	4.34	3.78	5.77	6.90
Ohio	6.40	9.96	5.88	5.80	5.88	6.65	6.91	9.32
Oklahoma	NA	NA	5.54	6.87	NA	7.50	NA	NA
Oregon	9.14	7.62	6.88	9.11	9.12	9.18	9.15	5.13
Pennsylvania	8.06	10.96	7.09	8.19	7.94	8.16	7.97	10.68
Rhode Island	NA	10.39	7.63	10.40	10.14	10.10	NA	10.70
South Carolina	7.88	11.50	7.13	8.07	7.81	7.73	7.98	10.05
South Dakota	4.92	8.93	4.58	5.15	5.03	4.71	4.85	NA
Tennessee	6.89	10.20	5.83	6.63	6.74	7.20	6.85	NA
Texas	5.01	9.33	4.71	5.55	4.70	5.31	4.79	7.52
Utah	5.22	7.12	4.68	5.14	5.17	5.25	5.26	6.79
Vermont	8.26	7.71	6.18	8.29	8.23	8.30	8.23	7.95
Virginia	6.51	10.32	6.23	7.23	5.81	6.80	6.49	9.63
Washington	NA	8.46	5.51	8.89	NA	NA	8.27	NA
West Virginia	7.30	5.41	6.37	7.44	7.02	7.55	7.22	6.00
Wisconsin	5.87	9.07	5.25	6.49	5.70	5.52	5.99	7.60
Wyoming	4.99	8.86	4.38	4.90	4.92	5.30	4.93	8.31
Total	**6.48**	**9.31**	**5.87**	**6.62**	**6.28**	**6.52**	**R6.54**	**R8.12**

See footnotes at end of table.

Table 22

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	December	November	October	September	August	July	June	May
Alabama	9.75	9.57	9.02	11.03	11.25	11.31	11.40	11.22
Alaska	2.95	2.83	2.83	2.46	2.15	2.29	2.16	2.36
Arizona	9.14	8.73	8.25	8.23	8.29	8.23	8.02	8.11
Arkansas	NA	NA	NA	NA	NA	NA	NA	NA
California	5.16	5.00	4.50	5.36	6.45	7.06	9.31	10.40
Colorado	4.64	4.97	7.80	9.32	9.32	9.13	9.04	9.00
Connecticut	NA	NA	7.32	NA	7.00	6.87	5.36	6.09
Delaware	9.58	9.66	10.23	10.68	11.25	10.98	10.64	10.81
District of Columbia	10.88	10.68	10.08	10.10	10.47	10.97	11.12	12.32
Florida	7.68	7.68	8.07	8.84	9.02	9.32	9.71	12.19
Georgia	6.23	5.94	5.90	5.87	6.44	7.28	7.13	7.74
Hawaii	18.00	18.27	17.48	17.30	17.54	17.24	17.17	17.22
Idaho	8.33	8.55	9.88	8.49	8.48	8.29	8.25	8.21
Illinois	NA	5.50	4.84	6.36	7.61	7.48	9.12	8.86
Indiana	5.83	7.23	7.36	NA	NA	NA	NA	NA
Iowa	NA	5.20	4.19	6.21	6.80	NA	7.59	8.47
Kansas	7.24	7.27	7.50	7.85	8.33	8.39	9.61	10.13
Kentucky	7.17	7.43	8.99	9.32	9.04	10.21	NA	11.23
Louisiana	NA	NA	NA	NA	NA	NA	NA	NA
Maine	13.45	9.64	5.53	9.16	12.19	13.39	12.71	7.90
Maryland	NA	8.38	6.88	NA	9.16	9.26	10.53	10.97
Massachusetts	NA	9.90	11.21	10.97	11.03	11.52	11.64	12.59
Michigan	5.58	5.53	5.81	6.36	6.94	7.23	6.79	6.60
Minnesota	4.77	5.71	3.84	4.56	5.32	5.62	6.06	7.43
Mississippi	5.61	NA	4.69	NA	5.70	5.78	6.98	8.19
Missouri	6.26	9.16	10.09	10.67	10.94	10.90	10.85	10.20
Montana	6.25	6.34	6.58	7.84	7.89	8.04	7.72	7.87
Nebraska	5.07	4.74	4.03	4.74	5.26	5.22	6.13	6.92
Nevada	8.10	9.79	8.46	9.01	8.77	8.09	7.91	7.81
New Hampshire	NA	NA	9.86	11.66	12.43	12.87	12.03	9.76
New Jersey	6.06	5.54	6.27	6.46	6.72	6.06	6.42	7.05
New Mexico	3.80	3.80	3.91	3.86	5.18	5.55	4.54	7.70
New York	8.76	7.58	7.97	7.94	8.20	8.66	3.96	5.22
North Carolina	8.10	7.94	8.53	8.70	9.35	9.70	9.88	9.88
North Dakota	4.35	4.67	3.85	5.11	5.45	6.36	7.51	7.49
Ohio	6.90	6.59	7.80	8.32	8.42	11.71	11.04	11.26
Oklahoma	NA	NA	NA	NA	NA	NA	NA	NA
Oregon	9.14	4.18	2.69	2.37	2.36	2.34	2.62	7.51
Pennsylvania	8.50	9.73	9.73	11.55	11.83	12.05	11.44	12.25
Rhode Island	10.68	11.27	11.42	11.26	11.77	12.25	11.78	10.82
South Carolina	8.12	8.04	8.17	8.67	8.72	8.72	9.04	9.65
South Dakota	NA	5.09	4.02	5.34	5.39	NA	6.90	7.20
Tennessee	7.31	NA	7.85	8.05	9.02	8.43	9.22	9.04
Texas	5.23	6.88	4.95	4.37	4.34	6.62	7.30	9.56
Utah	6.08	6.51	5.79	6.93	7.13	7.05	6.90	6.87
Vermont	8.35	8.61	8.65	8.85	8.69	7.04	7.99	7.73
Virginia	7.86	8.42	8.09	8.77	9.25	10.05	9.95	9.47
Washington	8.56	NA	NA	2.54	2.64	2.63	NA	9.04
West Virginia	7.70	6.55	6.55	6.64	6.75	7.14	6.71	6.58
Wisconsin	5.44	6.17	3.62	4.57	6.40	5.56	6.34	8.21
Wyoming	4.92	6.68	8.11	8.85	8.98	9.55	8.67	11.04
Total	**[R]6.51**	**[R]6.53**	**[R]5.88**	**[R]6.27**	**[R]6.58**	**[R]7.02**	**6.91**	**[R]8.52**

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001				2000			
	April	March	February	January	Total	December	November	October
Alabama	10.68	10.90	11.06	9.46	7.68	8.89	9.40	8.85
Alaska	2.45	2.69	2.75	2.73	2.04	2.30	2.10	1.96
Arizona	7.53	7.57	8.40	7.47	6.69	6.99	7.88	6.83
Arkansas	NA	NA	NA	NA	5.41	6.67	5.67	8.56
California	11.17	13.70	13.76	11.91	7.51	10.41	8.76	8.52
Colorado	8.75	8.21	7.94	6.78	5.37	6.23	6.37	5.93
Connecticut	7.78	8.41	9.78	10.05	6.62	8.38	7.14	5.96
Delaware	10.10	7.96	11.18	7.78	6.98	8.16	7.42	7.92
District of Columbia	12.82	12.55	13.98	14.07	9.62	12.71	12.72	11.58
Florida	12.78	14.06	12.98	10.19	7.70	9.19	8.47	8.11
Georgia	8.60	9.77	11.36	10.90	7.02	9.67	9.67	9.64
Hawaii	16.78	17.31	18.15	18.91	17.29	18.30	18.11	18.15
Idaho	8.17	7.81	NA	6.55	5.47	6.33	6.60	6.58
Illinois	8.61	9.10	10.85	11.23	6.90	8.63	8.42	9.50
Indiana	10.67	NA	NA	NA	5.74	6.53	5.89	6.80
Iowa	7.68	7.57	8.69	9.11	6.69	8.93	7.26	7.76
Kansas	8.66	8.83	9.88	10.56	6.80	8.49	8.57	8.69
Kentucky	9.58	9.70	10.26	8.68	6.68	8.26	7.83	8.43
Louisiana	NA	NA	NA	NA	7.41	10.95	10.54	10.11
Maine	13.48	10.67	10.89	10.05	6.06	1.76	3.10	5.00
Maryland	10.94	9.92	12.29	10.99	8.08	8.59	8.82	10.92
Massachusetts	12.54	13.99	12.33	10.51	8.61	10.53	9.63	9.03
Michigan	5.08	4.85	4.80	4.83	4.79	4.68	4.84	5.23
Minnesota	7.74	7.77	9.43	11.44	5.99	8.13	6.83	7.27
Mississippi	8.80	7.92	8.32	11.65	6.48	8.05	7.09	7.74
Missouri	10.46	10.77	10.62	9.05	6.91	9.00	8.41	8.35
Montana	7.52	9.50	5.01	6.82	5.90	6.27	6.22	6.25
Nebraska	7.22	7.79	9.86	8.41	5.48	7.41	6.59	7.44
Nevada	7.79	7.62	7.65	6.22	5.54	5.50	5.50	5.72
New Hampshire	11.34	12.22	11.73	11.18	8.52	10.78	10.37	8.75
New Jersey	7.05	7.18	9.70	9.68	5.92	9.43	7.39	7.35
New Mexico	9.45	8.87	7.85	6.93	4.90	6.26	5.30	4.27
New York	8.45	9.04	11.07	9.63	7.76	12.11	8.73	6.59
North Carolina	10.30	11.48	11.71	10.43	7.61	8.75	9.39	8.83
North Dakota	7.38	7.27	8.59	10.12	5.80	7.67	6.99	7.31
Ohio	10.58	10.44	10.74	8.86	7.01	8.79	8.70	8.36
Oklahoma	NA	NA	NA	NA	6.37	7.61	7.67	7.75
Oregon	7.70	7.69	7.59	7.52	6.48	6.63	6.64	6.13
Pennsylvania	12.07	11.08	10.76	10.51	7.72	8.67	8.27	8.67
Rhode Island	10.44	10.36	10.42	10.35	8.54	10.32	9.97	10.72
South Carolina	10.11	10.64	12.03	12.35	7.72	9.62	9.27	8.19
South Dakota	7.66	7.20	9.25	10.81	6.05	7.96	6.96	7.22
Tennessee	8.80	8.88	12.47	9.89	6.82	8.65	8.48	8.16
Texas	7.40	8.36	9.55	10.67	5.74	7.36	7.15	7.39
Utah	6.54	7.28	7.23	7.19	4.93	5.46	5.44	5.14
Vermont	7.76	7.69	7.70	7.72	6.49	7.72	7.20	6.28
Virginia	9.37	9.34	10.99	10.85	7.57	9.82	9.05	9.03
Washington	9.04	9.05	8.72	7.33	6.01	7.09	7.11	7.11
West Virginia	6.38	6.61	6.60	2.97	6.58	6.53	6.71	6.78
Wisconsin	8.31	7.87	8.30	11.11	6.32	8.34	7.32	7.16
Wyoming	11.72	10.00	8.00	6.96	5.27	7.48	6.17	5.84
Total	**[R]8.86**	**[R]9.02**	**[R]9.72**	**[R]9.41**	**6.59**	**8.20**	**7.57**	**7.49**

[R] Revised Data.
NA Not Available.

Notes: Data through 2000 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. See Appendix A, Explanatory Note 5 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 23

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002				2001
				April	March	February	January	Total
Alabama	4.37	8.22	3.77	4.24	4.13	4.44	4.62	6.20
Alaska	1.81	1.54	1.37	1.64	1.66	1.68	2.18	1.66
Arizona	5.55	6.66	3.97	5.51	5.29	5.63	5.75	5.78
Arkansas	4.82	NA	4.34	4.28	4.63	5.00	5.17	NA
California	5.04	10.72	4.28	5.60	4.38	4.65	5.67	7.74
Colorado	NA	4.76	2.97	3.76	3.08	2.96	NA	4.19
Connecticut	4.91	9.41	5.34	4.15	4.94	5.16	5.18	6.60
Delaware	6.23	7.32	4.15	6.16	6.11	6.02	6.58	6.87
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.21	8.14	4.64	4.29	4.97	3.46	4.44	6.93
Georgia	4.04	8.71	4.25	5.01	3.81	3.59	3.83	6.14
Hawaii	9.63	11.41	8.71	9.66	9.85	10.48	8.59	11.11
Idaho	7.77	5.75	3.55	7.75	8.07	7.65	7.64	6.58
Illinois	4.51	8.38	4.21	4.82	4.40	4.66	4.21	NA
Indiana	6.25	9.26	4.86	7.18	4.60	6.20	7.62	NA
Iowa	4.41	8.86	4.21	4.27	4.73	4.31	4.29	NA
Kansas	NA	8.39	3.74	4.00	4.02	4.86	NA	4.83
Kentucky	4.53	8.00	3.67	4.54	4.11	4.65	4.83	6.40
Louisiana	2.36	NA	2.74	2.25	2.03	1.99	3.22	NA
Maine	NA	9.83	3.57	NA	3.73	—	7.25	8.33
Maryland	NA	16.45	7.09	7.90	6.21	NA	NA	NA
Massachusetts	NA	11.16	6.96	NA	NA	8.52	8.29	NA
Michigan	4.94	4.30	3.62	4.81	4.97	5.01	4.93	4.66
Minnesota	3.89	7.35	3.31	4.54	3.50	3.57	3.85	5.22
Mississippi	4.06	7.86	3.55	4.52	3.83	3.72	4.20	NA
Missouri	5.47	8.91	4.76	5.89	5.00	5.29	5.97	7.23
Montana	3.88	5.21	6.38	3.58	3.72	3.90	4.30	5.30
Nebraska	3.95	7.57	3.78	4.36	3.90	3.57	4.05	5.74
Nevada	7.40	6.56	4.50	6.73	7.85	6.91	R7.71	NA
New Hampshire	NA	11.60	5.69	NA	NA	NA	6.06	NA
New Jersey	3.52	7.75	4.14	3.50	3.35	3.90	3.35	5.40
New Mexico	5.01	6.97	2.84	4.27	5.36	4.23	6.78	5.82
New York	6.18	10.17	5.52	5.75	6.25	6.41	6.27	NA
North Carolina	4.10	8.72	4.86	2.59	4.06	5.44	4.77	NA
North Dakota	3.52	7.15	2.97	4.49	6.24	2.22	1.17	5.28
Ohio	6.24	9.52	4.42	6.14	5.97	6.18	6.63	8.68
Oklahoma	NA	8.22	4.62	7.61	NA	6.89	7.05	7.86
Oregon	7.31	5.96	4.33	7.15	7.29	7.38	7.40	6.09
Pennsylvania	7.42	8.50	4.81	7.07	7.50	7.44	7.57	7.47
Rhode Island	6.20	7.91	3.88	5.75	5.87	6.70	6.85	6.54
South Carolina	3.95	7.79	4.08	4.45	3.79	3.46	4.11	5.46
South Dakota	4.10	7.30	3.45	4.06	4.08	4.10	4.14	6.13
Tennessee	5.25	8.37	4.59	5.17	5.31	5.12	5.36	NA
Texas	NA	6.58	2.65	NA	NA	2.30	2.64	3.81
Utah	4.74	6.08	3.44	4.63	4.59	4.74	4.96	5.28
Vermont	4.34	6.09	2.67	4.08	4.36	4.40	4.46	5.09
Virginia	4.84	8.55	5.04	4.79	4.98	4.79	4.82	NA
Washington	NA	5.91	4.03	4.98	4.88	NA	4.81	NA
West Virginia	NA	6.87	4.44	4.79	3.86	3.78	NA	3.84
Wisconsin	5.26	8.35	4.31	5.63	4.99	4.99	5.52	6.75
Wyoming	4.74	7.09	3.35	4.73	4.71	4.75	4.78	7.08
Total	**3.55**	**7.19**	**3.55**	**4.01**	**3.36**	**3.30**	**R3.65**	**R4.85**

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	December	November	October	September	August	July	June	May
Alabama	4.49	4.72	4.25	4.48	5.15	5.42	5.62	6.67
Alaska	1.86	1.79	1.82	1.76	1.75	1.74	1.49	1.52
Arizona	5.92	5.70	4.96	5.09	5.73	4.60	5.58	5.78
Arkansas	NA	NA	NA	NA	NA	NA	NA	NA
California	4.38	3.98	3.85	4.50	5.52	6.07	8.32	8.86
Colorado	3.30	3.50	2.76	4.05	4.43	4.47	4.12	4.07
Connecticut	5.69	4.91	4.50	5.05	4.48	3.03	6.10	7.02
Delaware	6.13	5.70	6.21	6.31	6.56	6.67	6.91	8.22
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.13	4.40	5.53	5.89	5.85	6.79	6.41	8.02
Georgia	3.49	4.40	3.09	3.94	4.59	5.03	5.31	6.06
Hawaii	10.56	10.76	11.18	10.62	10.89	11.07	11.17	11.23
Idaho	8.96	7.33	7.26	8.17	6.90	6.66	6.37	6.59
Illinois	NA	3.56	3.70	4.35	4.79	2.03	3.90	2.71
Indiana	3.52	7.38	4.05	NA	8.79	NA	8.72	9.74
Iowa	NA	4.22	3.83	5.09	5.39	NA	8.02	6.30
Kansas	3.89	3.02	3.18	4.12	4.49	4.77	5.15	6.04
Kentucky	4.73	5.05	4.74	4.25	5.06	5.53	5.85	6.26
Louisiana	NA	NA	NA	NA	NA	NA	NA	NA
Maine	4.60	4.42	5.75	8.25	6.65	8.06	7.98	8.00
Maryland	NA	8.43	8.63	NA	5.75	NA	10.20	10.66
Massachusetts	NA	8.11	6.99	9.95	9.47	8.94	9.06	10.33
Michigan	5.00	5.05	5.02	5.05	5.11	5.19	5.63	5.62
Minnesota	4.18	4.05	2.51	3.71	3.74	3.81	4.32	5.57
Mississippi	3.74	NA	3.82	3.97	4.36	4.81	4.58	6.05
Missouri	2.64	7.32	7.58	7.48	8.01	7.94	8.37	8.57
Montana	4.80	4.96	5.94	6.72	6.72	6.22	6.05	5.08
Nebraska	4.02	4.08	3.31	3.84	4.41	4.28	4.76	5.36
Nevada	1.96	9.37	9.11	NA	NA	6.93	7.41	7.39
New Hampshire	NA	4.93	3.71	4.59	5.80	8.22	9.55	8.00
New Jersey	4.45	3.41	3.57	3.95	3.85	5.39	5.70	6.34
New Mexico	2.52	2.81	2.96	3.31	4.52	4.27	4.23	6.52
New York	NA	NA	5.49	NA	5.46	6.04	5.73	6.79
North Carolina	4.14	4.38	NA	5.82	5.24	5.48	5.25	5.87
North Dakota	3.37	4.05	2.51	3.11	3.82	3.68	4.50	5.47
Ohio	6.81	6.53	7.53	8.90	6.94	7.92	11.26	7.57
Oklahoma	6.79	6.61	7.33	6.59	6.82	9.11	8.18	7.97
Oregon	7.26	7.26	6.63	5.72	5.59	5.46	5.59	5.79
Pennsylvania	6.74	7.26	4.97	6.14	5.81	6.23	6.89	7.40
Rhode Island	6.46	5.63	4.84	5.74	5.89	5.22	5.70	7.11
South Carolina	3.96	4.54	3.35	3.86	4.33	4.50	5.11	6.30
South Dakota	4.38	4.06	4.26	5.01	5.09	5.13	5.84	5.89
Tennessee	5.09	NA	4.89	5.63	5.60	5.80	6.44	6.81
Texas	2.62	3.41	2.29	2.56	3.28	3.33	3.91	4.79
Utah	4.91	5.05	4.26	4.93	4.99	4.89	4.42	5.14
Vermont	4.23	4.30	4.41	4.36	4.39	4.71	4.87	5.03
Virginia	5.27	NA	NA	5.51	4.10	5.01	4.89	5.61
Washington	4.43	4.97	NA	4.00	3.49	NA	6.58	5.25
West Virginia	2.85	2.84	2.78	3.54	3.70	3.87	4.35	5.76
Wisconsin	5.21	5.53	3.30	4.04	4.59	4.55	6.09	6.87
Wyoming	5.48	5.09	7.76	7.82	8.01	8.06	7.52	7.92
Total	**[R]3.43**	**[R]3.95**	**3.01**	**[R]3.28**	**3.78**	**3.94**	**[R]4.79**	**[R]5.44**

See footnotes at end of table.

Table 23

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001				2000			
	April	March	February	January	Total	December	November	October
Alabama	7.16	6.75	8.73	9.81	4.67	6.64	5.18	5.66
Alaska	1.51	1.55	1.55	1.56	1.51	2.24	1.54	1.49
Arizona	5.93	5.97	6.74	8.07	4.40	5.97	3.93	5.14
Arkansas	NA	NA	NA	NA	5.23	5.15	6.89	4.71
California	11.74	11.68	11.11	8.95	5.30	7.63	6.66	6.83
Colorado	4.02	3.98	4.91	6.10	3.49	4.03	4.06	3.91
Connecticut	8.05	8.18	11.55	9.87	5.96	9.11	7.28	6.88
Delaware	7.38	11.56	4.62	7.39	5.03	6.60	5.37	4.74
District of Columbia	—	—	—	—	—	—	—	—
Florida	8.40	8.16	7.85	8.13	5.82	7.08	6.57	7.70
Georgia	6.27	7.80	9.75	10.30	4.83	6.27	5.69	5.80
Hawaii	11.08	11.04	11.84	11.65	10.17	11.93	11.80	11.16
Idaho	6.89	6.35	5.56	4.87	4.02	5.54	4.82	4.73
Illinois	5.17	7.02	9.57	10.59	5.81	8.23	7.67	7.56
Indiana	9.41	12.41	8.09	8.85	5.00	5.25	5.38	6.05
Iowa	7.87	9.41	8.36	9.46	5.49	7.88	6.18	6.43
Kansas	7.03	7.49	10.27	8.66	4.01	6.59	5.34	5.16
Kentucky	7.23	7.76	8.16	8.35	4.82	7.47	6.44	6.02
Louisiana	NA	NA	NA	NA	4.02	6.30	4.75	5.31
Maine	9.16	9.43	10.22	9.22	4.10	5.77	5.10	4.32
Maryland	11.71	13.58	21.16	17.19	7.86	9.27	8.36	8.93
Massachusetts	12.69	13.84	9.71	9.44	7.47	9.61	8.75	8.24
Michigan	4.30	4.36	4.30	4.25	3.87	3.96	4.40	4.33
Minnesota	6.24	6.02	6.78	11.91	4.45	6.65	5.27	5.79
Mississippi	6.08	6.44	6.95	11.40	4.66	6.89	5.40	6.19
Missouri	9.09	9.76	10.22	7.63	5.71	8.75	7.25	6.05
Montana	4.91	5.01	6.10	4.75	7.43	8.27	8.39	8.89
Nebraska	6.77	7.16	8.59	7.53	4.74	6.79	5.68	5.07
Nevada	6.86	7.32	7.27	5.46	5.11	6.10	6.26	7.78
New Hampshire	10.92	12.66	11.42	11.24	6.18	10.28	9.48	7.24
New Jersey	6.55	7.24	9.50	8.29	5.15	7.06	8.18	7.28
New Mexico	8.04	6.95	7.37	3.72	4.39	5.56	5.12	4.81
New York	7.98	8.66	10.27	14.24	6.13	11.94	6.59	6.41
North Carolina	6.80	6.40	12.01	9.84	5.31	6.21	10.70	5.94
North Dakota	5.83	5.81	7.08	9.82	4.18	6.15	4.97	5.72
Ohio	10.19	10.29	11.06	7.83	5.12	6.37	5.89	6.11
Oklahoma	7.90	7.89	7.90	8.85	5.30	6.87	6.68	5.82
Oregon	5.80	5.86	5.93	6.21	4.93	6.01	5.65	5.52
Pennsylvania	8.59	9.19	7.43	8.99	5.03	5.88	6.04	5.58
Rhode Island	7.24	7.40	7.99	9.03	5.38	9.16	6.93	6.83
South Carolina	6.61	6.64	7.97	10.41	4.93	7.10	5.66	6.17
South Dakota	5.66	6.42	8.75	7.91	4.38	6.61	5.19	5.30
Tennessee	7.04	7.40	10.26	8.58	5.08	6.94	5.42	5.27
Texas	5.37	5.34	6.31	9.14	4.10	6.76	4.80	5.17
Utah	5.52	5.88	6.18	6.58	3.93	5.79	4.93	4.73
Vermont	4.71	5.44	6.38	8.41	2.99	3.80	3.67	3.19
Virginia	6.14	6.51	9.60	10.11	5.23	7.59	6.63	5.18
Washington	5.73	3.76	6.71	7.42	4.04	7.96	5.06	3.78
West Virginia	6.36	6.01	6.69	8.68	4.46	4.85	4.52	6.09
Wisconsin	7.75	7.04	7.61	11.36	5.45	7.68	6.44	6.39
Wyoming	7.65	7.39	6.77	6.77	4.07	5.00	4.70	6.01
Total	**R6.16**	**R6.38**	**R7.31**	**R8.65**	**4.48**	**6.67**	**5.39**	**5.45**

R Revised Data.
NA Not Available.
— Not Applicable.

Notes: Data through 2000 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 5 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 Delivered to Electric Utility[a] Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet)

State	YTD 2002	YTD 2001	YTD 2000	2002			2001	
				March	February	January	Total	December
Alabama	NA	7.62	3.93	NA	NA	R2.66	4.50	2.57
Alaska	NA	2.13	1.63	NA	NA	R2.57	2.37	2.60
Arizona	NA	7.05	2.84	NA	NA	R3.33	R4.71	2.93
Arkansas	NA	7.34	2.92	NA	NA	R2.64	4.47	2.70
California	NA	12.41	3.14	NA	NA	R5.93	R8.59	5.64
Colorado	NA	6.02	2.72	NA	NA	R2.95	3.86	2.73
Connecticut	NA	—	—	NA	NA	—	—	—
Delaware	NA	8.40	4.78	NA	NA	R3.30	4.46	3.12
District of Columbia	NA	—	—	NA	NA	—	—	—
Florida	NA	8.14	3.24	NA	NA	R3.48	R4.79	3.15
Georgia	NA	7.66	4.73	NA	NA	R8.67	3.61	3.52
Hawaii	NA	—	—	NA	NA	—	—	—
Idaho	NA	—	—	NA	NA	—	—	—
Illinois	NA	7.27	2.93	NA	NA	R3.23	4.01	3.04
Indiana	NA	7.76	3.34	NA	NA	R3.36	5.26	4.07
Iowa	NA	6.16	3.14	NA	NA	R3.44	4.48	3.66
Kansas	NA	6.83	2.71	NA	NA	R2.26	3.64	2.63
Kentucky	NA	7.98	3.49	NA	NA	R3.55	4.40	3.65
Louisiana	NA	7.62	2.87	NA	NA	R2.76	4.30	2.78
Maine	NA	—	—	NA	NA	—	—	—
Maryland	NA	—	3.54	NA	NA	—	—	—
Massachusetts	NA	7.81	3.33	NA	NA	R3.23	3.71	3.30
Michigan	NA	3.54	2.23	NA	NA	R3.08	3.36	2.82
Minnesota	NA	8.04	3.02	NA	NA	R3.94	4.67	3.48
Mississippi	NA	7.53	2.79	NA	NA	R2.62	3.69	2.48
Missouri	NA	6.60	2.85	NA	NA	R3.19	4.67	3.01
Montana	NA	8.73	4.03	NA	NA	R4.89	7.20	4.85
Nebraska	NA	9.20	3.12	NA	NA	R3.12	4.52	3.66
Nevada	NA	9.04	2.87	NA	NA	R7.83	R8.36	5.79
New Hampshire	NA	—	3.19	NA	NA	—	2.56	—
New Jersey	NA	—	4.03	NA	NA	—	3.21	3.58
New Mexico	NA	6.44	2.58	NA	NA	R2.68	4.21	2.56
New York	NA	10.01	3.83	NA	NA	R3.38	R4.24	3.12
North Carolina	NA	—	4.27	NA	NA	R4.88	4.76	4.70
North Dakota	NA	6.52	—	NA	NA	—	R5.93	—
Ohio	NA	9.19	3.95	NA	NA	R5.95	8.33	5.77
Oklahoma	NA	7.72	3.22	NA	NA	R3.15	R4.40	3.16
Oregon	NA	4.57	2.23	NA	NA	R3.36	3.80	3.85
Pennsylvania	NA	7.85	3.22	NA	NA	—	7.85	—
Rhode Island	NA	—	—	NA	NA	—	—	—
South Carolina	NA	9.22	6.76	NA	NA	R4.13	R4.87	5.73
South Dakota	NA	—	—	NA	NA	—	—	—
Tennessee	NA	—	—	NA	NA	—	—	—
Texas	NA	6.85	2.72	NA	NA	R2.74	4.26	2.84
Utah	NA	5.98	2.90	NA	NA	R11.71	4.97	—
Vermont	NA	6.37	3.30	NA	NA	R3.54	4.90	—
Virginia	NA	16.93	3.42	NA	NA	R8.92	R4.39	3.52
Washington	NA	—	—	NA	NA	—	—	—
West Virginia	NA	8.88	3.74	NA	NA	R4.66	5.96	2.97
Wisconsin	NA	6.74	3.20	NA	NA	R3.27	R4.72	3.65
Wyoming	NA	4.99	2.81	NA	NA	R7.21	4.04	—
Total	NA	**7.21**	**2.90**	NA	NA	**R3.39**	**R4.51**	**R3.11**

See footnotes at end of table.

Table 24

Table 24. Average Price of Natural Gas Delivered to Electric Utility[a] Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001							
	November	October	September	August	July	June	May	April
Alabama	4.96	2.56	3.88	3.37	3.55	5.21	5.08	5.88
Alaska	2.59	2.66	2.45	2.46	2.44	2.32	2.27	2.32
Arizona	3.13	2.67	2.88	3.64	3.55	3.94	4.46	5.35
Arkansas	3.60	2.44	2.67	3.24	3.53	4.16	5.24	6.68
California	3.43	4.03	5.01	5.98	8.55	8.26	10.64	10.04
Colorado	3.42	2.36	2.87	2.82	2.78	3.36	4.13	5.06
Connecticut	—	—	—	—	—	—	—	—
Delaware	—	3.74	—	4.00	4.16	4.76	—	7.55
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.83	2.80	3.68	4.38	4.53	4.81	5.93	6.35
Georgia	—	2.55	2.45	3.26	3.13	3.82	5.21	5.93
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	2.14	2.85	4.35	3.76	4.81	5.23	4.44	6.18
Indiana	3.95	4.04	3.78	4.07	4.56	4.67	5.85	6.05
Iowa	3.82	2.69	3.13	3.57	3.97	4.81	6.49	6.35
Kansas	2.56	2.35	2.37	3.23	3.26	3.89	4.51	5.33
Kentucky	4.50	2.83	2.85	3.75	3.80	4.45	8.53	—
Louisiana	3.15	2.26	2.44	3.22	3.40	4.06	5.03	5.82
Maine	—	—	—	—	—	—	—	—
Maryland	—	—	—	—	—	—	—	—
Massachusetts	3.20	2.82	2.81	3.57	3.43	4.41	5.04	7.08
Michigan	2.37	2.80	2.60	3.13	3.83	4.52	5.08	5.03
Minnesota	2.99	3.50	3.86	4.15	4.19	4.80	4.66	5.74
Mississippi	2.67	2.13	2.64	3.54	3.59	4.07	4.77	5.52
Missouri	3.02	2.90	4.62	5.01	4.80	4.68	4.37	5.82
Montana	5.07	5.44	5.34	6.26	7.66	7.94	7.66	7.25
Nebraska	4.34	2.53	3.78	3.82	3.83	3.55	3.78	6.88
Nevada	3.72	10.64	13.58	9.42	9.88	7.06	7.04	6.24
New Hampshire	—	2.55	2.47	3.54	—	—	—	—
New Jersey	3.03	3.03	—	—	—	—	—	—
New Mexico	2.99	2.31	2.80	3.21	3.40	3.92	4.94	5.45
New York	3.54	2.75	2.88	3.72	3.54	[R]4.43	5.31	6.12
North Carolina	5.40	3.58	3.80	4.63	4.69	5.34	6.06	7.81
North Dakota	—	—	4.49	—	—	—	6.28	—
Ohio	4.37	6.30	9.74	6.51	8.52	9.49	9.45	9.22
Oklahoma	3.53	3.03	2.73	3.49	3.59	4.14	5.41	6.07
Oregon	3.62	3.23	3.20	3.25	3.32	3.59	3.72	4.12
Pennsylvania	—	—	—	—	—	—	—	—
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	5.85	2.34	5.68	5.84	6.63	6.28	5.84	6.49
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	3.07	2.53	2.70	3.46	3.49	4.04	4.79	5.48
Utah	10.12	6.67	3.96	3.64	3.69	4.11	3.93	4.32
Vermont	—	—	—	—	—	4.67	4.63	5.84
Virginia	—	—	3.06	4.05	4.15	5.00	7.54	10.08
Washington	—	—	—	—	—	—	—	—
West Virginia	4.07	5.44	4.07	4.25	4.81	7.87	9.37	6.80
Wisconsin	3.62	2.81	3.33	4.08	3.66	4.65	5.66	6.07
Wyoming	—	3.61	—	3.03	3.48	2.66	3.71	4.06
Total	**[R]3.31**	**2.79**	**3.15**	**[R]3.73**	**[R]3.84**	**[R]4.35**	**[R]5.15**	**5.70**

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Electric Utility[a] Consumers, by State, 2000-2002

(Dollars per Thousand Cubic Feet) — Continued

State	2001			2000				
	March	February	January	Total	December	November	October	September
Alabama	6.26	6.05	9.75	4.52	1.18	9.80	6.70	4.84
Alaska	2.13	2.13	2.12	1.77	1.96	1.98	1.97	1.82
Arizona	5.69	6.76	9.53	4.86	8.65	6.07	5.49	4.93
Arkansas	5.49	6.31	8.88	4.46	10.81	6.37	5.31	5.24
California	10.33	14.57	12.35	5.88	19.91	7.68	6.19	6.01
Colorado	5.26	6.13	7.11	4.12	7.93	4.97	4.00	3.73
Connecticut	—	—	—	—	—	—	—	—
Delaware	6.94	7.43	10.46	4.92	11.14	8.39	7.84	6.53
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.59	8.91	10.87	4.50	6.63	5.57	6.24	5.54
Georgia	8.07	6.90	7.23	4.31	10.85	8.94	8.81	5.32
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	5.57	6.44	9.49	4.84	10.60	6.57	6.50	6.30
Indiana	6.80	7.98	7.71	4.56	7.71	5.80	6.61	5.97
Iowa	6.23	7.11	5.31	4.56	7.04	5.54	5.98	5.43
Kansas	5.78	6.06	9.10	4.18	8.79	5.74	5.12	4.91
Kentucky	7.18	8.24	10.32	5.08	7.22	5.81	6.26	5.28
Louisiana	5.65	6.88	10.07	4.55	8.97	5.64	5.62	5.19
Maine	—	—	—	—	—	—	—	—
Maryland	—	—	—	4.62	—	—	—	5.90
Massachusetts	7.14	7.46	13.46	4.60	8.93	5.56	5.94	5.58
Michigan	5.32	5.11	1.33	2.77	2.81	3.16	1.88	1.85
Minnesota	5.31	7.83	11.79	4.54	6.52	5.62	5.73	3.82
Mississippi	5.37	6.38	10.26	4.01	9.29	5.76	5.44	5.10
Missouri	4.89	6.09	12.36	4.42	5.00	6.33	5.40	5.29
Montana	8.32	9.73	10.88	5.81	7.31	13.52	7.46	4.54
Nebraska	5.80	9.75	23.69	4.60	3.62	5.99	5.51	5.62
Nevada	7.60	9.05	10.52	4.86	11.56	7.48	4.87	5.07
New Hampshire	—	—	—	3.37	—	—	—	—
New Jersey	—	—	—	4.42	—	—	—	5.42
New Mexico	6.07	6.06	7.87	3.94	7.35	5.14	4.82	4.58
New York	6.32	8.12	17.03	4.68	10.22	5.65	6.07	5.65
North Carolina	—	—	—	4.43	8.79	7.57	5.60	5.54
North Dakota	6.52	—	—	—	—	—	—	—
Ohio	9.50	9.51	7.47	4.97	6.39	5.81	5.89	6.39
Oklahoma	6.42	6.23	10.20	4.54	7.76	5.29	5.83	5.10
Oregon	4.32	4.16	5.41	2.94	4.74	3.78	2.71	2.67
Pennsylvania	5.53	7.29	11.04	3.83	6.67	6.02	5.77	—
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	6.89	7.24	10.98	5.72	9.82	7.02	6.55	6.34
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	5.38	6.09	9.01	4.24	7.95	5.23	5.34	4.81
Utah	4.78	6.30	6.92	4.02	6.15	5.23	4.66	3.57
Vermont	5.84	7.69	—	4.91	7.05	6.54	5.60	5.56
Virginia	22.19	34.18	4.00	4.66	2.12	9.11	7.65	7.53
Washington	—	—	—	—	—	—	—	—
West Virginia	8.45	10.14	8.10	4.98	5.73	6.03	6.15	4.87
Wisconsin	5.88	6.57	8.65	4.48	7.23	5.43	5.92	5.29
Wyoming	5.06	4.91	5.00	3.92	4.22	3.47	1.09	8.55
Total	**5.69**	**6.85**	**9.47**	**4.38**	**8.23**	**5.37**	**5.17**	**4.85**

[a] Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

[R] Revised Data.

[NA] Not Available.

— Not Applicable.

Notes: February and March 2002 data not available in time for publication. See box on page one for more information. Data through 2000 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

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002

State	YTD 2002		YTD 2001		YTD 2000		2002 April	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	NA	17.3	82.9	14.0	83.7	22.7	78.1	14.7
Alaska	60.4	90.9	65.9	92.4	57.7	99.8	61.6	99.4
Arizona	93.9	65.6	92.1	49.8	84.6	41.6	92.1	51.2
Arkansas	NA	3.3	NA	NA	91.5	8.1	NA	2.8
California	69.6	4.1	61.8	3.9	59.7	7.3	68.0	5.8
Colorado	NA	NA	99.9	10.0	98.5	10.6	NA	NA
Connecticut	NA	NA	75.6	56.5	76.8	40.9	61.2	NA
Delaware	NA	NA	98.5	18.8	98.1	9.5	NA	NA
District of Columbia	23.2	—	28.6	—	44.1	—	21.6	—
Florida	44.2	1.3	58.6	2.9	70.4	4.5	40.4	1.4
Georgia	9.1	5.5	12.1	7.0	17.4	21.7	11.7	5.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	77.3	2.6	88.8	2.8	88.9	3.3	73.2	2.4
Illinois	41.1	9.9	44.0	12.5	45.5	9.9	37.9	9.8
Indiana	77.0	6.9	NA	9.9	79.4	8.6	75.9	5.7
Iowa	81.2	6.8	86.0	7.0	85.0	7.1	83.2	6.2
Kansas	62.5	4.0	66.0	2.4	63.9	5.5	62.7	7.3
Kentucky	75.3	16.8	84.3	17.8	87.6	19.7	72.6	16.2
Louisiana	NA	13.0	NA	NA	97.0	11.7	NA	16.8
Maine	NA	NA	100.0	96.2	100.0	55.9	NA	NA
Maryland	NA	NA	43.6	4.4	39.8	5.6	25.0	4.0
Massachusetts	51.5	NA	64.3	22.1	66.0	16.4	43.5	NA
Michigan	69.7	10.9	67.5	12.9	61.7	9.5	65.5	11.1
Minnesota	NA	26.9	98.6	42.4	96.4	38.8	84.2	30.7
Mississippi	96.3	27.7	93.7	26.5	96.5	25.1	95.0	26.9
Missouri	81.9	20.8	86.0	18.2	83.8	19.9	82.2	14.1
Montana	76.0	3.0	78.8	2.9	73.3	2.4	73.2	2.4
Nebraska	60.8	19.0	64.0	24.1	62.0	17.4	51.5	15.0
Nevada	87.7	7.0	69.7	5.3	60.4	8.1	86.0	39.6
New Hampshire	NA	NA	91.1	36.1	93.0	36.5	NA	NA
New Jersey	55.3	41.0	63.7	40.0	52.3	48.8	49.7	20.7
New Mexico	69.5	7.3	63.8	35.0	60.8	12.7	54.0	8.9
New York	48.3	NA	67.3	5.8	35.2	3.8	44.4	NA
North Carolina	91.4	30.0	97.8	36.9	97.0	46.7	89.7	39.1
North Dakota	NA	15.6	91.2	12.8	90.0	22.2	91.9	14.8
Ohio	36.9	4.0	45.2	4.9	47.6	7.0	34.8	3.1
Oklahoma	NA	NA	NA	5.0	77.5	5.0	73.4	3.1
Oregon	93.9	15.7	99.9	15.1	98.8	14.0	98.5	18.9
Pennsylvania	59.3	5.8	66.3	12.0	60.1	11.4	54.9	4.8
Rhode Island	NA	2.7	63.9	4.0	57.5	6.5	56.4	67.9
South Carolina	97.9	82.0	98.0	84.8	98.7	86.1	99.7	82.6
South Dakota	NA	NA	86.2	30.6	83.0	45.2	85.3	43.1
Tennessee	91.1	25.4	94.6	22.5	94.5	37.7	91.4	22.1
Texas	83.3	NA	51.9	22.7	79.1	28.5	73.4	NA
Utah	86.8	13.9	87.0	10.6	85.2	9.4	78.5	94.6
Vermont	100.0	79.8	100.0	82.9	100.0	82.8	100.0	79.8
Virginia	63.4	14.3	76.0	13.1	68.1	15.3	58.9	14.2
Washington	NA	NA	95.1	21.4	95.6	27.2	95.0	36.0
West Virginia	44.9	NA	76.9	7.6	60.2	7.7	37.4	18.7
Wisconsin	78.0	21.1	78.5	23.9	80.9	24.3	74.9	19.2
Wyoming	87.8	NA	87.3	5.3	90.2	1.8	92.1	NA
Total	**64.4**	**19.9**	**68.3**	**15.1**	**64.9**	**18.6**	**57.5**	**17.0**

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2002						2001	
	March		February		January		Total	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	NA	20.0	80.9	15.5	76.0	16.9	77.9	13.4
Alaska	61.5	99.2	58.9	99.2	59.8	99.3	66.1	89.7
Arizona	93.2	64.1	94.8	53.9	94.9	68.9	93.1	55.6
Arkansas	NA	4.1	65.5	3.5	NA	4.7	NA	NA
California	72.1	6.7	69.0	7.4	69.2	6.1	62.9	3.1
Colorado	99.5	0.1	99.2	—	89.0	NA	99.9	11.0
Connecticut	85.2	NA	NA	56.4	72.0	39.4	NA	56.6
Delaware	NA	NA	98.1	13.3	97.6	12.6	98.5	16.5
District of Columbia	22.6	—	23.8	—	23.8	—	25.8	—
Florida	43.7	1.6	44.6	2.5	47.7	1.6	50.5	2.2
Georgia	9.8	4.8	8.1	6.3	8.5	5.7	11.0	5.8
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	75.6	2.6	78.6	2.8	79.9	2.6	80.7	2.2
Illinois	41.0	10.6	43.1	10.7	41.3	11.3	NA	NA
Indiana	78.9	9.0	76.2	7.2	76.9	7.5	NA	NA
Iowa	80.7	7.6	82.4	4.6	79.6	8.3	NA	NA
Kansas	63.1	3.7	64.0	2.8	60.9	2.9	60.5	7.7
Kentucky	68.0	17.6	77.1	16.9	81.9	16.6	80.1	15.9
Louisiana	NA	13.2	66.0	12.6	61.2	11.1	NA	NA
Maine	50.2	100.0	53.3	—	57.4	100.0	100.0	44.7
Maryland	36.8	2.4	NA	NA	NA	NA	NA	NA
Massachusetts	56.4	NA	50.2	55.1	55.3	29.3	NA	NA
Michigan	76.1	13.7	68.7	12.9	68.5	14.0	63.3	8.6
Minnesota	NA	39.1	90.8	16.0	93.2	21.3	98.2	40.6
Mississippi	96.1	27.2	95.9	29.5	97.4	27.4	NA	NA
Missouri	85.8	23.0	80.4	24.4	80.1	21.4	80.3	15.3
Montana	81.8	3.7	73.6	3.0	74.6	3.1	76.8	2.2
Nebraska	58.7	25.4	57.5	16.6	75.0	19.4	61.4	16.6
Nevada	87.3	60.8	88.7	46.5	[R]88.0	[R]60.0	73.2	7.8
New Hampshire	84.2	NA	84.0	NA	84.5	32.1	NA	NA
New Jersey	53.8	20.2	55.3	21.4	59.7	27.2	59.0	43.8
New Mexico	63.7	4.4	75.9	5.4	78.2	2.7	66.3	17.3
New York	48.4	8.5	49.3	14.2	50.4	9.3	50.0	NA
North Carolina	90.6	27.0	91.6	25.1	92.7	29.9	93.3	28.7
North Dakota	NA	18.1	92.8	[R]15.4	[R]93.3	14.4	90.2	9.9
Ohio	33.8	3.3	37.1	3.3	41.3	3.5	40.8	3.3
Oklahoma	NA	NA	74.5	4.9	NA	5.4	NA	3.4
Oregon	98.9	19.9	98.9	20.4	83.7	18.5	NA	15.1
Pennsylvania	57.7	5.7	60.4	6.8	62.7	7.3	62.8	8.5
Rhode Island	NA	62.9	61.1	48.3	NA	53.4	58.0	2.9
South Carolina	97.0	78.8	97.2	81.9	98.4	84.6	96.6	79.9
South Dakota	89.3	36.7	85.3	50.0	NA	NA	NA	25.9
Tennessee	91.9	28.6	93.7	24.4	88.5	26.4	91.8	19.8
Texas	75.3	NA	90.8	44.1	91.9	41.0	51.5	33.4
Utah	90.3	93.6	87.1	94.8	87.3	94.4	84.6	10.5
Vermont	100.0	80.2	100.0	79.9	100.0	79.3	100.0	76.0
Virginia	61.8	18.5	66.0	19.8	64.4	14.1	67.5	NA
Washington	NA	30.7	NA	NA	74.3	37.1	NA	NA
West Virginia	44.5	14.4	51.0	14.2	45.8	NA	60.9	15.4
Wisconsin	78.9	23.6	78.5	21.5	78.4	23.2	76.3	18.9
Wyoming	89.4	2.9	91.4	2.0	83.0	1.8	86.0	4.1
Total	**65.4**	**20.8**	**65.7**	**20.8**	**67.0**	**[R]20.8**	**[R]64.1**	**16.7**

See footnotes at end of table.

Table 25

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001							
	December		November		October		September	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	72.3	12.7	71.1	15.7	72.1	12.2	70.8	14.1
Alaska	63.9	99.4	64.6	99.3	62.1	94.9	68.9	94.4
Arizona	96.0	63.8	94.1	64.2	94.5	63.0	93.4	54.9
Arkansas	NA	NA	NA	NA	NA	NA	NA	NA
California	68.3	5.1	63.5	5.3	64.0	5.2	60.8	4.1
Colorado	100.0	0.2	100.0	0.5	100.0	0.6	100.0	2.3
Connecticut	NA	50.2	NA	60.2	71.2	75.6	NA	60.4
Delaware	98.1	16.7	98.0	15.3	98.4	12.1	98.8	14.6
District of Columbia	25.5	—	22.5	—	21.4	—	19.2	—
Florida	44.5	3.0	40.7	2.3	40.7	1.9	41.7	1.7
Georgia	7.3	6.0	10.5	6.1	7.4	5.5	9.9	5.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	79.4	2.4	76.0	1.9	69.3	1.6	75.9	1.6
Illinois	NA	NA	36.0	9.8	36.0	8.0	30.9	7.3
Indiana	81.3	9.1	72.1	5.9	68.9	7.4	NA	NA
Iowa	NA	NA	75.9	9.5	71.7	6.9	60.1	4.4
Kansas	54.7	3.6	46.7	6.6	48.0	6.4	53.5	14.0
Kentucky	75.0	14.4	79.1	13.8	73.5	16.5	71.6	14.6
Louisiana	NA	NA	NA	NA	NA	NA	NA	NA
Maine	100.0	7.6	100.0	20.1	100.0	32.9	100.0	19.1
Maryland	NA	NA	36.6	2.6	37.6	3.5	NA	NA
Massachusetts	NA	NA	50.7	28.8	42.1	18.0	45.1	17.8
Michigan	68.3	11.6	61.7	9.3	57.2	7.0	49.2	5.8
Minnesota	95.6	39.6	98.0	32.2	98.5	50.4	98.7	36.5
Mississippi	95.1	28.3	NA	NA	95.8	20.4	NA	28.0
Missouri	77.6	31.3	71.0	11.6	67.9	9.3	67.2	9.0
Montana	81.5	3.0	75.4	1.9	75.0	1.2	67.7	1.0
Nebraska	55.2	16.7	59.0	10.6	69.3	17.7	58.1	11.8
Nevada	88.9	77.6	85.2	45.9	82.9	39.3	71.1	33.4
New Hampshire	NA	NA	NA	56.5	51.6	32.2	52.6	31.6
New Jersey	58.7	21.1	56.1	15.6	53.2	16.8	45.5	20.5
New Mexico	76.1	11.4	87.7	10.8	61.4	9.7	63.6	12.3
New York	47.5	NA	44.2	NA	30.3	10.3	21.0	NA
North Carolina	89.2	27.9	87.5	20.3	84.8	14.3	86.9	19.9
North Dakota	93.2	18.0	90.9	13.5	89.2	12.2	84.5	8.1
Ohio	39.5	3.0	41.0	2.5	36.7	2.3	24.8	0.5
Oklahoma	NA	3.7	NA	3.4	NA	2.1	NA	2.6
Oregon	NA	21.7	100.0	20.8	100.0	13.1	100.0	23.7
Pennsylvania	61.4	6.7	59.2	5.9	55.4	7.3	52.9	6.5
Rhode Island	52.4	100.0	49.4	100.0	41.9	100.0	47.3	100.0
South Carolina	96.2	81.3	95.8	79.2	92.1	76.2	93.6	77.5
South Dakota	NA	43.1	82.0	43.3	80.2	29.4	75.6	17.2
Tennessee	91.5	21.1	88.4	18.2	85.5	15.5	86.3	18.7
Texas	72.5	38.8	57.4	37.5	47.2	44.9	45.6	45.1
Utah	86.2	94.0	83.2	94.1	80.7	94.8	78.3	94.8
Vermont	100.0	79.2	100.0	76.2	100.0	73.7	100.0	71.0
Virginia	65.5	9.2	60.1	NA	61.3	NA	54.8	10.1
Washington	97.3	45.7	NA	31.5	NA	NA	97.4	34.6
West Virginia	37.1	64.3	67.8	29.5	32.8	9.6	48.7	6.7
Wisconsin	83.6	21.9	75.8	18.9	73.0	15.0	60.2	10.3
Wyoming	96.0	2.7	64.8	3.2	85.5	3.4	89.6	2.9
Total	**R66.5**	**19.5**	**63.0**	**R18.3**	**R58.4**	**R19.4**	**R52.8**	**R19.3**

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001							
	August		July		June		May	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	71.8	13.9	71.7	13.5	70.7	13.8	73.3	10.1
Alaska	71.6	89.8	70.6	90.6	73.2	92.8	65.6	97.2
Arizona	91.6	45.8	92.8	65.5	93.9	56.8	92.7	53.9
Arkansas	NA	NA	NA	NA	NA	NA	NA	NA
California	60.6	4.3	60.1	4.2	66.5	5.0	63.0	5.8
Colorado	100.0	3.7	100.0	3.9	100.0	1.0	100.0	0.8
Connecticut	71.6	63.5	77.8	37.6	83.8	46.8	77.5	61.3
Delaware	98.5	12.0	100.0	15.2	98.4	20.9	98.5	15.2
District of Columbia	27.1	—	19.0	—	21.3	—	23.9	—
Florida	45.5	2.3	46.3	1.4	49.5	4.6	53.4	4.2
Georgia	12.0	5.2	11.0	5.5	13.3	6.2	13.3	6.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	61.9	1.9	61.6	1.6	64.3	1.7	69.5	2.1
Illinois	27.5	5.6	30.0	5.4	29.0	6.2	33.6	6.6
Indiana	NA	0.8	NA	NA	NA	3.3	NA	3.8
Iowa	81.7	4.4	NA	NA	71.5	2.7	69.7	6.0
Kansas	50.3	18.8	52.0	15.6	52.9	7.9	55.4	6.4
Kentucky	75.0	14.6	71.5	14.6	63.9	13.3	73.6	15.0
Louisiana	NA	NA	NA	NA	NA	NA	NA	NA
Maine	100.0	41.5	100.0	50.8	100.0	46.2	100.0	38.2
Maryland	28.6	6.7	28.2	1.9	28.2	2.4	30.4	4.1
Massachusetts	45.5	9.9	49.0	13.5	45.7	19.6	48.7	22.7
Michigan	40.1	5.6	41.6	5.0	48.3	5.1	57.8	8.3
Minnesota	97.6	44.4	98.8	38.8	99.4	38.8	97.6	35.3
Mississippi	93.6	29.4	93.4	25.9	93.9	31.9	92.5	24.3
Missouri	65.4	7.3	67.9	8.9	69.8	9.5	71.6	10.4
Montana	69.8	0.1	68.6	0.9	69.0	1.9	68.7	2.3
Nebraska	61.3	11.4	60.6	7.3	56.1	14.9	51.4	17.6
Nevada	70.4	36.7	82.0	36.5	54.8	11.8	58.0	12.0
New Hampshire	45.6	21.3	84.0	10.0	88.6	13.4	82.5	21.4
New Jersey	46.0	15.5	47.5	18.6	47.3	19.5	50.9	21.2
New Mexico	64.4	11.7	62.4	3.8	60.1	5.3	60.6	5.5
New York	22.9	17.5	22.3	17.1	55.1	18.9	56.2	20.9
North Carolina	86.1	17.9	87.1	21.3	88.3	25.3	93.5	28.6
North Dakota	84.1	4.8	83.8	1.1	82.0	5.6	85.8	5.9
Ohio	27.2	2.1	26.9	0.7	28.0	1.5	27.2	1.7
Oklahoma	NA	2.5	NA	1.5	NA	2.0	NA	1.8
Oregon	99.8	27.1	90.9	26.5	99.7	21.0	99.2	20.8
Pennsylvania	54.5	6.0	57.4	6.4	58.3	4.0	58.5	6.2
Rhode Island	46.2	100.0	44.1	100.0	52.6	100.0	60.2	100.0
South Carolina	95.8	77.8	94.9	77.9	96.0	77.4	96.5	76.5
South Dakota	75.3	15.5	NA	14.1	78.2	18.6	83.9	14.1
Tennessee	82.8	17.5	85.4	17.6	87.5	20.0	88.2	18.1
Texas	58.4	42.3	47.8	43.0	49.7	22.3	31.7	21.3
Utah	76.5	95.3	76.4	95.6	76.9	95.5	80.0	94.8
Vermont	100.0	68.1	100.0	66.3	100.0	68.4	100.0	69.2
Virginia	51.6	8.1	50.0	3.6	59.5	16.3	57.0	8.8
Washington	97.1	34.8	97.7	7.9	97.7	30.7	89.9	30.9
West Virginia	49.2	10.1	52.4	8.8	44.5	8.3	52.6	9.2
Wisconsin	56.6	11.7	68.8	11.6	67.8	10.5	66.2	11.8
Wyoming	79.2	2.9	84.4	2.6	97.2	3.3	93.6	2.8
Total	**[R]55.1**	**[R]18.3**	**54.5**	**[R]18.7**	**61.5**	**13.0**	**[R]57.0**	**12.9**

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2001							
	April		March		February		January	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	80.6	12.6	77.3	12.2	84.3	15.0	85.8	16.7
Alaska	65.7	99.7	67.9	99.6	64.6	99.6	65.3	99.6
Arizona	89.3	51.4	95.7	50.8	91.5	52.5	91.6	44.7
Arkansas	NA	NA	NA	NA	NA	NA	NA	NA
California	52.2	6.7	64.6	8.5	66.8	8.5	64.1	9.5
Colorado	100.0	0.2	99.8	0.1	100.0	0.1	99.9	0.1
Connecticut	73.1	52.8	77.8	53.5	74.4	51.2	76.5	68.4
Delaware	98.7	13.4	98.5	20.4	98.7	29.7	98.4	11.1
District of Columbia	24.1	—	28.8	—	28.2	—	32.5	—
Florida	57.7	3.5	56.3	2.8	59.2	3.7	60.7	4.7
Georgia	15.4	5.6	9.1	6.7	13.5	8.2	12.0	9.9
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	86.4	2.1	88.6	2.5	90.3	3.2	88.8	3.3
Illinois	40.4	8.2	42.6	10.8	43.7	13.6	46.6	13.4
Indiana	78.9	6.3	NA	6.5	NA	13.3	NA	14.2
Iowa	77.2	4.7	83.2	6.3	84.9	8.8	92.6	8.0
Kansas	67.1	2.4	64.8	2.6	63.8	2.4	68.1	2.5
Kentucky	75.6	11.6	82.7	16.4	84.0	18.9	88.0	23.7
Louisiana	NA	NA	NA	NA	NA	NA	NA	NA
Maine	100.0	91.0	100.0	93.6	100.0	98.4	100.0	94.1
Maryland	35.2	3.3	46.2	3.9	45.4	4.8	44.6	7.8
Massachusetts	61.8	25.2	63.9	42.5	63.4	34.6	67.4	34.6
Michigan	62.6	12.5	68.2	14.4	68.8	16.2	68.4	17.6
Minnesota	98.6	41.4	99.4	48.0	98.7	53.0	98.0	28.0
Mississippi	95.1	31.8	95.7	25.3	87.3	35.1	96.6	29.0
Missouri	82.6	13.5	83.5	18.0	85.6	15.7	89.4	23.7
Montana	75.1	2.6	61.8	2.8	88.2	3.1	76.3	3.0
Nebraska	53.7	18.7	60.7	27.5	61.8	26.8	78.2	23.1
Nevada	64.2	18.1	65.3	15.4	73.5	23.1	73.8	30.0
New Hampshire	92.1	60.2	90.4	30.9	91.9	35.8	90.3	30.7
New Jersey	60.4	21.9	62.0	27.5	65.6	26.3	65.4	29.2
New Mexico	48.5	47.9	66.4	31.2	68.0	27.4	67.9	22.4
New York	65.0	17.6	66.5	21.1	69.2	25.0	67.7	15.1
North Carolina	96.1	30.0	96.9	28.5	98.2	31.0	98.8	38.3
North Dakota	88.9	8.3	89.4	16.8	92.2	13.9	92.3	15.3
Ohio	40.5	2.8	43.9	4.7	42.9	4.4	50.3	6.1
Oklahoma	NA	3.2	NA	4.3	NA	4.9	NA	8.2
Oregon	99.4	20.5	100.0	18.9	100.0	17.3	100.0	27.5
Pennsylvania	62.3	8.2	66.0	9.1	67.5	13.6	67.7	14.4
Rhode Island	63.9	100.0	62.5	100.0	64.9	100.0	64.4	100.0
South Carolina	97.4	81.5	96.8	81.4	98.3	86.5	99.0	91.1
South Dakota	84.1	21.7	86.7	27.3	85.1	34.3	88.3	43.5
Tennessee	92.8	18.0	92.8	22.3	95.0	22.8	95.8	26.8
Texas	51.5	19.4	50.4	21.3	48.3	22.8	56.0	23.6
Utah	84.6	92.2	85.7	94.0	87.6	94.2	88.4	94.9
Vermont	100.0	79.4	100.0	79.7	100.0	80.4	100.0	96.0
Virginia	68.1	12.4	77.9	14.3	79.8	16.7	75.3	19.3
Washington	96.0	33.5	94.8	38.9	94.9	37.0	95.1	39.7
West Virginia	72.7	9.7	76.9	7.3	80.1	6.9	76.9	6.5
Wisconsin	75.5	17.3	73.8	25.1	81.1	25.4	81.7	24.1
Wyoming	92.1	4.8	89.4	5.3	91.6	5.7	79.3	5.2
Total	**64.7**	**[R]13.8**	**[R]67.2**	**[R]14.9**	**[R]68.8**	**[R]15.5**	**[R]70.6**	**[R]16.2**

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 2000-2002 — Continued

State	2000							
	Total		December		November		October	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	81.2	22.5	83.6	27.5	73.7	24.9	74.2	22.7
Alaska	59.2	99.8	60.4	99.6	57.9	99.6	59.3	99.6
Arizona	83.7	38.0	89.8	36.9	82.9	46.0	77.5	39.2
Arkansas	89.9	8.2	95.5	13.9	93.0	8.3	82.4	8.8
California	57.5	5.1	63.5	5.8	56.4	5.2	57.0	3.8
Colorado	97.4	12.1	96.1	10.6	95.7	12.2	93.1	11.5
Connecticut	78.4	46.0	78.9	48.4	75.7	53.9	79.8	56.1
Delaware	98.0	8.1	97.5	9.0	97.5	11.7	97.8	5.9
District of Columbia	35.6	—	32.7	—	27.2	—	23.5	—
Florida	67.5	4.4	67.5	4.1	63.1	3.4	64.0	4.5
Georgia	17.0	19.3	11.1	21.2	10.8	22.7	14.7	19.9
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	86.3	2.7	87.9	2.8	83.2	2.3	76.4	2.4
Illinois	41.9	8.7	43.5	13.2	45.2	10.9	34.1	7.0
Indiana	78.0	9.8	83.0	16.2	79.3	15.6	73.0	9.6
Iowa	81.1	7.0	84.2	11.9	82.2	8.2	77.1	7.2
Kansas	58.3	10.3	60.1	2.7	44.7	3.6	49.0	7.6
Kentucky	85.6	19.1	84.2	22.5	87.2	17.5	83.8	17.4
Louisiana	96.3	11.0	95.3	10.9	94.5	10.8	96.2	9.6
Maine	100.0	43.5	100.0	16.4	100.0	23.5	100.0	39.2
Maryland	39.2	5.3	50.4	6.4	42.1	2.8	38.2	7.6
Massachusetts	63.1	13.5	67.9	18.4	61.4	14.9	58.3	8.8
Michigan	58.6	7.8	67.8	12.5	60.0	8.1	50.8	6.3
Minnesota	97.3	40.0	98.3	46.3	97.5	44.7	98.9	43.3
Mississippi	95.5	27.1	96.2	29.9	94.8	28.3	94.7	29.9
Missouri	80.1	17.1	84.4	25.4	73.3	14.0	62.5	9.1
Montana	73.5	1.9	81.7	3.1	78.3	2.1	73.3	1.6
Nebraska	60.5	13.8	53.8	18.5	70.2	18.6	65.3	16.2
Nevada	54.7	4.4	74.7	4.9	53.7	4.0	47.3	2.4
New Hampshire	86.4	34.8	80.6	31.7	83.6	23.7	77.4	27.7
New Jersey	56.9	44.4	56.1	44.6	62.2	41.1	53.9	33.5
New Mexico	61.4	18.9	71.9	15.7	74.0	20.6	75.9	28.2
New York	36.0	3.4	37.8	3.7	34.9	3.4	34.4	3.2
North Carolina	96.5	52.5	96.8	41.4	89.8	28.5	99.5	66.5
North Dakota	89.3	16.1	92.8	25.3	91.7	19.7	87.8	11.8
Ohio	45.0	5.5	49.6	8.3	42.3	7.5	39.0	2.7
Oklahoma	72.3	4.1	82.8	7.9	72.7	4.1	56.9	3.2
Oregon	98.8	13.0	98.8	20.3	98.8	14.6	98.8	12.7
Pennsylvania	60.5	11.6	66.3	16.0	62.0	12.6	55.7	10.7
Rhode Island	53.3	5.9	55.0	3.3	45.8	6.4	40.0	6.1
South Carolina	98.7	86.5	98.6	85.7	96.1	82.7	100.0	87.7
South Dakota	83.1	28.3	89.6	42.4	83.2	24.1	80.8	26.2
Tennessee	92.5	38.4	94.6	35.6	92.5	37.6	88.6	43.6
Texas	76.3	30.1	77.8	34.0	72.2	36.4	71.9	27.6
Utah	83.9	10.0	87.0	10.0	85.6	10.0	79.7	9.7
Vermont	100.0	83.8	100.0	93.0	100.0	83.9	100.0	82.3
Virginia	66.4	13.4	74.1	8.7	69.5	19.1	66.1	14.9
Washington	92.7	27.1	95.4	27.1	76.8	29.1	93.6	28.7
West Virginia	56.6	7.6	75.2	11.7	58.7	11.1	50.4	6.8
Wisconsin	78.1	22.4	82.4	32.9	78.4	25.3	71.3	19.8
Wyoming	90.0	2.9	96.8	3.0	84.2	2.6	87.0	3.2
Total	**62.9**	**18.1**	**67.5**	**20.4**	**63.0**	**19.8**	**58.5**	**16.6**

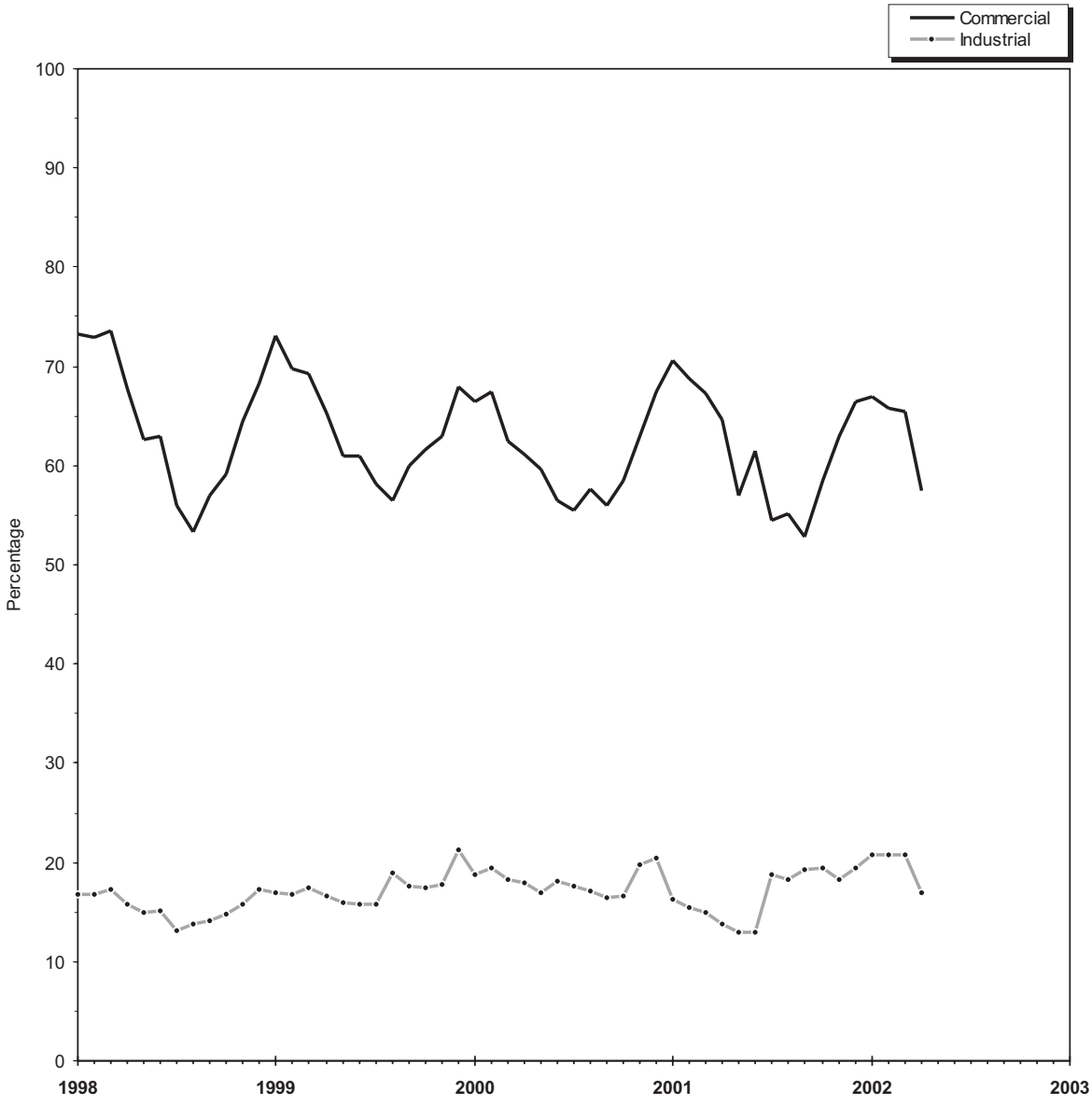
R Revised Data.
NA Not Available.
— Not Applicable.

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. 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."

Figure 6

Figure 6. Percentage of Total Deliveries Represented by Onsystem Sales, 1998-2002



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 evaluating the monthly data. There is a brief description of what data are estimated and what data are taken from submitted reports, followed by ten technical notes that provide important information for individual data series.

The monthly data are preliminary when initially published. Data shown in this report for the most current months are taken from the EIA Short-Term Integrated Forecasting System (STIFS) model computations. Each month, EIA staff review the STIFS model estimates and adjust them, if necessary, based on their knowledge of new developments in the natural gas industry. Data for prior months are estimated or taken from submitted reports.

For data that are not taken from STIFS computations, Table A1 lists the methodologies for deriving the monthly data to be published.

The STIFS model contains a series of calculations that produce forecasts for all of the energy industry. It is driven primarily by three sets of inputs or assumptions: estimates of key macroeconomic variables, world oil price assumptions, and assumptions about the severity of weather. The natural gas estimates also reflect other key inputs or assumptions including gas wellhead prices, electric power generation by other

Table A1. Methodology for Reporting Initial Monthly Natural Gas Supply and Disposition Data

Components	Reporting Methodology
Supply and Disposition	
Marketed Production	Reported on Form EIA-895 and estimated from historical data
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	Estimated from historical month-to-month percent changes
Consumption by Sector	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline Fuel	Derived from estimates for Lease and Plant Fuel and Deliveries to Consumers
Residential	Estimated from reports to the sample survey Form EIA-857
Commercial	Estimated from reports to the sample survey Form EIA-857
Industrial	Estimated from reports to the sample survey Form EIA-857
Electric Utilities	Reported on Form EIA-759

energy sources, and U.S. gas import capacity. The macroeconomic variable estimates are produced by DRI/McGraw-Hill but are adjusted by EIA to reflect EIA assumptions about the world price of oil, energy product prices, and other assumptions which may affect the macroeconomic outlook. The EIA publishes forecasts for the energy industry each quarter in the Short-Term Energy Outlook.

For production, total supply and disposition, and storage data (Tables l, 2, and 9), the most current two months shown are estimates produced from STIFS computations, and data that are two months or more prior to the date of publication are estimated or taken from submitted reports. For example, in the March issue of the *NGM*, February and March data are taken from the STIFS model computations while January and prior months data are estimated from available data sources or reported directly on EIA forms. For consumption data by sector (Table 3), the most current three months shown are estimates produced from STIFS computations while data that are three months prior to date of publication are taken from EIA forms.

Note 1. 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 the voluntary Form EIA-895. Eleven of the 32 producing States reported data on nonhydrocarbon gases removed during 2000. These 11 States accounted for 46 percent of total 2000 gross withdrawals. The State of Missouri reported zero gross withdrawals.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. States reporting monthly data on nonhydrocarbon gases removed are estimated based on annual data reported on Form EIA-895. States' nonhydrocarbon gases as an annual percentage of gross withdrawals reported is applied to each State's monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

Final Monthly Data

Beginning with report year 1990, States filing the Form EIA-627, "Annual Quantity and Value of Natural Gas Report," were asked to supply monthly breakdowns of all data previously reported on an annual basis. The sums of the reported figures were used to calculate monthly volumes. In 1997 the Form EIA-627 was discontinued. States were requested to file an annual schedule on the monthly Form EIA-895, "Monthly Quantity and Value of Natural Gas Report."

For States not supplying monthly data on the annual schedule of the EIA-895, final monthly data are calculated by proportionally allocating the differences between total annual data reported on the Form EIA-895 and the sum of monthly data (January-December).

Note 2. Supplemental Gaseous Fuels

Annual Data

Annual data are published from Form EIA-176.

Preliminary Monthly Data

All monthly data are considered preliminary until after the publication of the *Natural Gas Annual* 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.

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. 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 ratio is applied to the revised monthly sum of these three elements to compute final monthly data.

Note 3. Production

Annual Data

Natural gas production data are collected from 33 gas-producing States on Form EIA-895 which includes gross withdrawals, vented and flared, repressuring, nonhydrocarbon 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 on the Gulf of Mexico and Outer Continental Shelf. No adjustments are made to the data.

Estimated Monthly Data

State marketed production data for a particular month are estimated if data are unavailable at the time of publication. The data are estimated based on final monthly data reported on the Form EIA-895 for the previous year.

Estimates for total U.S. marketed production are based on final monthly data reported on the Form EIA-895 for the previous year. 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 EIA-895. These ratios are applied to the month's estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Estimates for gross withdrawal data are calculated from final monthly data filed on Form EIA-895 for the previous year.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. Preliminary monthly data are published from reports from the Form EIA-895 and the MMS. 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

Final monthly data are the sums of monthly data reported on the Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," annual schedule.

Note 4. Imports and Exports

Annual Data and Final Monthly Data

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

Preliminary 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 article "U.S. Imports and Exports of Natural Gas" for the calendar year.

Preliminary 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 "U.S. Imports and Exports of Natural Gas" for the calendar year in which the report month falls.

Note 5. Consumption

All Annual Data

All consumption data except electric utility data are from the Form EIA-857 and Form EIA-176. No adjustments are made to the data. Electric utility data are reported on Form EIA-759.

Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual*.

Total Consumption

Preliminary Monthly Data

The most current month estimate is calculated based on the arithmetic average change from the previous month for the previous 3 years. The following month this estimate is revised by summing the components (pipeline fuel, lease and plant fuel, and deliveries to consumers).

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly total consumption is obtained by summing its components.

Residential, Commercial, and Industrial Sector Consumption

Preliminary Monthly Data

Preliminary monthly residential, commercial, and industrial data are from Form EIA-857. See Appendix C, "Statistical Considerations," for a detailed explanation off sample selection and estimation procedures.

Average Price of Deliveries to Consumers

Price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers. These prices do not reflect average prices of natural gas transported to consumers for the account of third parties or "spot-market" prices.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. 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.

Agricultural Use

Beginning with the reporting of 1996 annual data, the EIA changed the customer category used for reporting deliveries to consumers in the agricultural industry from commercial to industrial. In 1995 and earlier years, consumption of natural gas for agricultural use was classified as commercial use. Separate reports of the volumes affected are not available so the direct impact of this change is not known. Most natural gas consumed in agriculture is used to drive irrigation systems and to dry crops.

In comparing sectoral use over time, note that:

- There is an inherent shift in natural gas volumes from the commercial to industrial sectors due simply to changes in the reporting requirements. This break in series may indicate a spurious increase in industrial consumption with a corresponding decrease in the commercial sector.
- The sum of natural gas volumes consumed by the commercial and industrial sectors will not be changed by this modification of the instructions.

Electric Utility Sector Consumption

All Monthly Data

Monthly data published are from Form EIA-759.

Pipeline Fuel Consumption

Preliminary Monthly Data

Preliminary data are estimated based on the pipeline fuel consumption as an annual percentage of total consumption from the previous year's Form EIA-176. This percentage is applied to each month's total consumption figure to compute the monthly estimate.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each month's revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

Lease and Plant Fuel Consumption

Preliminary Monthly Data

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

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly plant fuel data are based on a revised annual ratio of lease and plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each month's revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected on the Form EIA-627 and estimates from the Form EIA-176. See the *Natural Gas Annual* for a complete discussion of this process.

Note 6. Extraction Loss

Annual Data

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

Preliminary 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.

Final Monthly Data

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

Note 7. Natural Gas Storage

Underground Natural Gas Storage

All monthly data concerning underground storage are published from the EIA-191. A new EIA-191 became effective in January 1994. Injection and withdrawal data from the EIA-191 survey are adjusted to correspond to data from Form EIA-176 following publication of the *Natural Gas Annual*.

Underground and Liquefied Natural Gas Storage

The final monthly and annual storage and withdrawal data shown in Table 2 include both underground and liquefied natural gas (LNG) storage. Annual data on LNG additions and withdrawals are taken from Form EIA-176. Monthly data are estimated by computing the ratio of each month's underground storage additions and withdrawals to annual underground storage additions and withdrawals and applying it to annual LNG data.

Types of Underground Storage Facilities

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 reservoir 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 8. Average Wellhead Value

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 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 which 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 value of marketed production in each State is calculated by dividing the State's reported value by its associated production. This unit price is then applied to the quantity of the State's marketed production to derive the imputed value of marketed production.

Preliminary Monthly Data

Preliminary values for the monthly U.S. natural gas wellhead price are estimated from the New York Mercantile Exchange (NYMEX) futures closing price for near-month delivery at the Henry Hub, and prevailing cash market prices (spot prices) at 5 major trading hubs: Henry Hub, LA; Carthage, TX; Katy, TX; Waha, TX; and Blanco, NM. The NYMEX price is reported in the trade publication, *Gas Daily* (published by Financial Times Energy). The spot prices are published in another trade publication, *Natural Gas Week* (Energy Intelligence Group), 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 the present. A statistical procedure was adopted beginning with publication of the February 1999 issue of the *Natural Gas Monthly*. 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

The Form EIA-895 requests State agencies to report monthly values of marketed production. Preliminary monthly gas price data are replaced by these final monthly data.

Note 9. 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 quantities lost or to the effects of data reporting problems.

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.

Annual Data

Annual data are from the *Natural Gas Annual*. For an explanation of the methodology involved in calculating annual "balancing item" data, see the *Natural Gas Annual*.

Preliminary Monthly Data

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 supply / disposition.

Note 10. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day data bases maintained by the National Oceanic and Atmospheric Administration. The information published in the *Natural Gas Monthly* 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 authorized by the U.S. Department of Energy (DOE), Energy Information Administration (EIA) and by the Federal Energy Regulatory Commission (FERC). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The EIA conducts and processes some of the surveys authorized by the FERC. Data are collected from two annual surveys and five monthly surveys.

The annual report is the Form EIA-176, a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines.

The monthly reports include two surveys of the natural gas industry, two surveys of the electric utility industry, and a voluntary survey completed by energy or conservation agencies in the gas producing States. The natural gas industry survey is the Form EIA-191 filed by companies that operate underground storage facilities, and the Form EIA-857 is filed by a sample of companies that deliver natural gas to consumers. The electric utility industry surveys are the Form EIA-759 filed by all generating electric utilities and the Form FERC-423 filed by fossil-fueled plants. Responses to these four monthly surveys are mandatory.

A description of the survey respondents, reporting requirements, and processing and editing of the data is given on the following pages for each of the surveys.

Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

Survey Design

The original version of Form EIA-176 was approved in 1980 with a mandatory response requirement. Prior to 1980, published data were based on voluntary responses to Bureau of Mines, U.S. Department of the Interior predecessor Forms BOM-6-1340-A and BOM-6-1341-A of the same title.

In 1982, the scope of the revised EIA-176 survey was expanded to collect the number of electric utility consumers in each State, volumes of gas transported to industrial and electric utility consumers, detailed information on volumes transported across State borders by the respondent for others and for the responding company, and detailed information on other disposition. These changes were incorporated to provide more complete survey information with a minimal change in respondent burden. The 1982 version of the Form EIA-176 continues to be the basis for the current version of this form.

In 1988, the Form EIA-176 was revised to include data collection for deliveries of natural gas to commercial and industrial consumers for the account of others.

In 1990, the Form EIA-176 was revised to include more detailed information for gas withdrawn from storage facilities, gas added to storage facilities, deliveries of company-owned natural gas and natural gas transported for the account of others. The revised form was approved for use beginning with report year 1990.

Upon the Office of Management and Budget's approval in 1993, the Form EIA-176 was again revised. All deliveries to consumers were categorized as firm or interruptible. Commercial and industrial consumers were categorized as nonutility power producers or as those excluding nonutility power producers.

Approval of the Form EIA-176 for use through 1999 was received in 1996 from OMB. The form was modified as outlined in the "Change in Definition of Consumption Sector" below.

After being approved by the OMB in 1999, the Form EIA-176 was revised to: (1) change the filing date from April 1 following the end of the report year to March 1 following the end of the report year, (2) remove the requirement to distinguish between firm and interruptible deliveries to consumers; and (3) remove the requirement to distinguish between gas volumes delivered to commercial and industrial consumers having nonutility generation of electricity from those not generating electricity.

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

Survey Universe and Response Statistics

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 that transport gas to, across, or from a State border through field or gathering facilities.

Each company and its parent company or subsidiaries were required to file if they met the survey specifications. The original mailing in 2000 for report year 1999 totaled 1,872 questionnaire packages. To this original mailing, 8 names were added and 18 were deleted as a result of the survey processing. Additions were the result of comparisons of the mailing list to other survey mailing lists. Deletions resulted from post office returns and determinations that companies were out of business, sold, or not within the scope of the survey. After all updates, the survey universe was 1,847 responses from approximately 1,400 companies.

Following the original mailing, second request mailing, and nonrespondents follow-up, 1,826 responses were entered into the data base, and there were 21 nonrespondents.

Summary of Form EIA-176 Data Reporting Requirements

The EIA-176 is a multi-line 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 were 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.

Routine Form EIA-176 Edit Checks

A series of manual and computerized edit checks are used to screen the Form EIA-176. The edits performed include validity, arithmetic, and analytical checks.

The incoming forms are reviewed prior to keying. This prescan determines if the respondent identification (ID) number and the company name and address are correct, if the data on the form appear complete and reasonable, and if the certifying information is complete.

Manual checks on the data are also made. Each form is prescanned to determine that data were reported on the correct lines. The flow of gas through interstate pipelines is checked at the company level to ensure that each delivery from a State is matched with a corresponding receipt in an adjoining State.

After the data are keyed, computer edit procedures are performed. Edit programs verify the report year, State code, and arithmetic totals. Further tests are made to ensure that all necessary data elements are present and that the data are reasonable and internally consistent. The computerized edit system produces error listings with messages for each failed edit test. When problems occur, respondents are contacted by telephone and required to file amended forms with corrected data.

Other EIA Publications Referencing Form EIA-176

Data from Form EIA-176 are also published in the *Natural Gas Annual*.

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

Survey Design

Beginning with 1980 data, natural gas production data previously obtained on an informal basis from the appropriate State agencies were collected on the Form EIA-627, "Annual Quantity and Value of Natural Gas Report." This form was designed by the EIA to collect annual natural gas production data from the appropriate State agencies under a standard data reporting system within the limits imposed by the diversity of data collection systems of the various producing States. It was also designed to avoid duplication of the efforts involved in the collection of production and value data by producing States and to avoid an unnecessary respondent burden on gas and oil well operators. In 1993, value and associated volume of marketed production by month were added to the EIA-627. In 1996, the Form EIA-627 was discontinued. The information is collected on an annual schedule on the Form EIA-895.

In 1993, the Office of Management and Budget approved the Form EIA-627 for use in report years 1994 through 1996. In 1994, the Interstate Oil and Gas Compact Commission (IOGCC) decided to discontinue collection of their form. Data collection on the Form

EIA-895, "Monthly Quantity and Value of Natural Gas Report," began in January 1995. This form was designed to replace the IOGCC form, "Monthly Report of Natural Gas Production." All gas producing States 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 the Form EIA-627. Data are reported by State agencies. 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.

Survey Universe and Response Statistics

Form EIA-895 is mailed to energy or conservation agencies in all 33 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. EIA-895 survey by filing the completed form or by responding to telephone contacts.

Reports on State production are due 20 days after the end of the report month. (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.) The annual schedule of the Form EIA-895 is due with the December data report.

Of the 32 natural gas producing states, all participated in the voluntary EIA-895 survey by filing the completed form or by responding to telephone contacts. Data on the quantities of nonhydrocarbon gases removed in 2000 were reported by the appropriate agencies of 11 of the 32 producing States. These 11 States accounted for 46 percent of total 2000 gross withdrawals. The State of Missouri reported zero gross withdrawals.

The commercial recovery of methane from coalbeds contribute 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 (112,393), Colorado (413,290), New Mexico (583,581), and Wyoming (151,449).

Summary of Data Reporting Requirements

The Form EIA-895 is a two-page form divided into five parts. Part I requests identifying information including the name and location of the responding State agency and the name and telephone number of a contact person within the agency. Part II collects monthly data on the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; and marketed production. Part III of the form is for reporting the monthly volume and value of marketed production. Part IV of the form is the annual schedule which 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). Part V is space to be used by the respondent to explain data elements reported that may be based on definitions differing from those applied to data in previous years.

Respondents are asked to report all volumes in thousand cubic feet at the State's standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Routine Form EIA-895 Edit Checks

Each filing of Form EIA-895 is manually checked for reasonableness and mathematical accuracy. Information on the forms is compared to totals of monthly data reported. Volumes are converted, as necessary, to a standard 14.73 psia pressure base. Reasonableness of data is assessed by comparing reported data to the previous year's data. State agencies are contacted by telephone to correct errors. Amended filings or resubmissions are not a requirement, since participation in the survey is voluntary.

Other EIA Publications Referencing Form EIA-895

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

EIA-191 Survey, "Underground Natural Gas Storage Report"

Survey Design

The Form EIA-191, "Monthly Underground Natural Gas Storage Report," was revised effective January 1994. Among the changes from the form used from 1991 through 1993 is a distinction between a monthly and annual survey. Prior to 1991, data on the storage of natural gas were collected on a survey jointly implemented in 1975 by the Federal Power Commission (FPC), the Federal Energy Administration (FEA), and the Bureau of Mines (BOM) as the FPC-8 / FEA-G-318 system. The data received on both the FPC-8 and FEA-G-318 were computerized and aggregated by

FPC. The form was previously revised in 1991 to include storage data by State, field, and reservoir.

At the beginning of 1979, the EIA assumed responsibility for the collection, processing, and publication of the data gathered in the survey. Form FEA-G-318 was renewed on July 1, 1979, as Form EIA-191 and the survey was retitled the FPC-8/EIA-191 Survey (Figure D4 shows the EIA-191). Form FPC-8 was renewed in December 1985 and the survey retitled FERC-8/EIA-191 Survey. The forms were not merged because of FERC's stated desire to maintain the separate identity of the FERC-8 for administrative reasons. In September 1995, the FERC discontinued the reporting requirements of Form FERC-8. FERC jurisdictional firms continue to file Form EIA-191.

Survey Universe and Response Statistics

The 140 companies that operate underground facilities file the Form EIA-191. The response rate as of the filing deadline is approximately 20 percent. Data from the remaining 80 percent of respondents are received in writing and/or by telephone within 3 to 4 days after the filing deadline. All data supplied by telephone are subsequently filed in writing, generally within 15 days of the filing deadline. The final response rate is 100 percent.

Summary of EIA-191 Data Reporting Requirements

The EIA-191 monthly schedule contains current month and prior month's 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. Prior month's data are required only when data are revised. The annual schedule contains type of facility, storage field capacity, maximum deliverability and pipelines to which each field is connected. The annual schedule is filed with the December submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the first 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 reflected in the prior month section of the monthly form. 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.

Routine Form EIA-191 Edit Checks

Data received on Form EIA-191 are entered into the survey processing system. The survey's five principal data elements (total, base, working gas in storage, injections, and withdrawals) receive a preliminary visual edit to eliminate and correct obvious errors or omissions. Respondents are required to re-file reports containing any inconsistencies or errors.

Other EIA Publications Referencing Form EIA-191

The EIA publication *Monthly Energy Review* and *Winter Fuels Report* contain data from the EIA-191 survey.

"Quarterly Natural Gas Import and Export Sales and Price Report"

Survey Design

The collection of data covering natural gas imports and exports was begun in 1973 by the Federal Power Commission (FPC). On October 1977, FPC ceased to exist and its data collection functions were transferred to the Federal Energy Regulatory Commission (FERC) within the Department of Energy (DOE). From 1979 to 1994, the Energy Information Administration (EIA) has had the responsibility for collecting Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." Data are not considered proprietary. The Form FPC-14 was discontinued in 1995.

Beginning in 1995, import and export data are 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.

Survey Universe and Response Statistics

All companies are required, as a condition of their authorizations to import or export natural gas, to file quarterly reports with the Office of Fossil Energy. These data are collected as part of its regulatory responsibilities. The data are reported at a monthly level of detail.

Routine Edit Checks

Respondents are required to certify the accuracy of all data reported. The data are checked for reasonableness and accuracy. If errors are found, the companies are required to file corrected data. The data are compared with data reported by the National Energy Board of Canada and are published quarterly. All natural gas

volumes in this report are expressed at a pressure base of 14.73 pounds per square inch absolute and temperature of 60 degrees Fahrenheit, except as noted. All import and export prices are in U.S. dollars and, except for LNG exports, are those paid at the U.S. border. LNG export prices are those paid at the point of sale and delivery in Yokohama, Japan.

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

Survey Design

The original Form EIA-857 was approved for use in December 1984. Response to the Form EIA-857 is mandatory on a monthly basis. Data collected on the Form EIA-857 cover the 50 States and the District of Columbia and include both price and volume data. Data are considered proprietary.

Survey Universe and Response Statistics

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 on a monthly basis. Initial response statistics on a monthly basis are as follows: responses received by due date, approximately 50 percent, and responses received after follow-up, 95 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.

The Form EIA-857 is a monthly sample survey of firms delivering natural gas to consumers. It provides data that 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 and prices of natural gas to electric utilities are reported on the Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and the Form EIA-759, "Monthly Power Plant Report.") See Appendix C for a discussion of the sample design and estimation procedures.

Summary of Form EIA-857 Data Reporting Requirements

Data collected monthly on the Form EIA-857 on a State level include the volume and cost of purchased gas, the volume and cost of natural gas consumed by sector (residential, commercial, and industrial), and the average heat content of all gas consumed. Respondents file completed forms 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.

Routine Form EIA-857 Edit Checks

A series of manual and computerized edit checks are used to screen the Form EIA-857. The edits performed include validity and analytical checks.

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." (See Appendix B for a description of this Form.) 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 electric utilities are reported on the Form EIA-906, "Power Plant Report," Form EIA-759, "Monthly 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 1,449 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 2000 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 2000. 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 395 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 17 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 17 States were: Alaska, Connecticut, Delaware, Hawaii, Idaho, Maine, Michigan, 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:

$$C_{.j} = \frac{X_{.j}}{2n} \qquad (1)$$

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 (Xi.). The number of companies to be selected from the noncertainty stratum was calculated for each State, with a minimum of 2.

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

$$m = n\frac{X2}{X..} \qquad (2)$$

where:

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

$X2$ = the sum within State of the Xi. for all companies in the noncertainty stratum.

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

A uniform random number R was selected between zero and $\left(I = \frac{X2}{m}\right)I$. The first sampled company was the first company on the list to have a cumulative measure of size greater than R. The second company selected was the first company on the list to have a cumulative measure of size greater than R + I. R + I was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

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

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

California: companies delivering gas to residential consumers and those who do not deliver to residential consumers.

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 (Evj) for the volume of gas in consumer sector j is:

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

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:

$$V_{.j} = {}_{y.j} \times E_{vj} \qquad (4)$$

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.

The price of natural gas for a State within a sector is calculated as follows:

$$P_j = \frac{R_j}{V_j'}$$

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 are based on sales data only. Volumes of gas delivered for the account of others to these consumer sectors are not included in the State or national average prices.

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. Virtually all natural gas deliveries to the residential sector represent onsystem sales volumes only.

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 sales for nonrespondents was:

Where:

$$F_t = F_{t-1} \times \frac{y_{.jt}}{y_{.jt-1}} \qquad (5)$$

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,

$y_{.j\,t-1}$ = 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* 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 *Natural Gas Monthly*, 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:

$$V^*_{jm} = V_{jm} + \left[(V_{ja} - V'_{jm}) \left(\frac{V_{jm}}{V'_{jm}} \right) \right] \qquad (6)$$

where:

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

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

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

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

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

The formula for revising the estimated revenue is:

$$R^{*}_{jm} = R_{jm} + \left[(R_{ja} - R'_{jm}) \left(\frac{R_{jm}}{R'_{jm}} \right) \right] \qquad (7)$$

where:

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

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

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

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

Revision of Volumes and Prices for Deliveries to Electric Utilities. Revisions to monthly electric utilities data 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:

$$V(\hat{\gamma}) = \sum_{h=1}^{H} \left[N_h^2 \frac{\left(1 - \frac{n_h}{N_h}\right)}{n_h (n_h - 1)} \left(\sum_{i=1} (y_i - T x_i)^2 \right) \right] \qquad (8)$$

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, April 2002

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	400	385	4,210	4,246	0.56	1.75	NA
Alaska	0	0	0	0	—	—	—
Arizona	0	0	0	0	—	—	—
Arkansas	NA	NA	322	NA	NA	NA	0.28
California	221	622	1,289	1,448	0.08	0.10	0.05
Colorado	NA	NA	NA	NA	0.40	0.49	NA
Connecticut	0	0	NA	NA	—	—	—
Delaware	0	NA	NA	NA	—	—	—
District of Columbia	0	0	0	0	—	—	—
Florida	415	386	1,540	1,641	1.06	1.08	0.36
Georgia	176	105	6,292	6,295	NA	NA	NA
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	2,302	1,923	10,133	10,568	0.25	0.46	0.37
Indiana	844	501	3,124	3,275	0.41	0.18	0.24
Iowa	27	59	61	89	0.12	0.19	0.52
Kansas	1,617	5,914	7,243	9,490	0.95	NA	NA
Kentucky	0	0	0	0	—	—	NA
Louisiana	NA	NA	5,230	NA	NA	NA	0.01
Maine	NA	NA	NA	NA	NA	NA	NA
Maryland	0	0	0	0	—	—	—
Massachusetts	68	167	1,071	1,086	0.31	0.13	NA
Michigan	232	22	89	250	0.02	0.02	NA
Minnesota	0	0	0	0	—	—	—
Mississippi	446	144	688	832	0.73	0.21	0.51
Missouri	751	309	377	895	0.53	0.53	NA
Montana	3	9	0	9	0.03	0.04	—
Nebraska	176	98	271	337	0.09	0.12	0.41
Nevada	0	0	0	0	—	—	—
New Hampshire	0	NA	0	NA	—	NA	NA
New Jersey	0	0	0	0	—	—	—
New Mexico	930	27	440	1,029	NA	0.24	NA
New York	514	241	NA	NA	0.02	0.03	0.11
North Carolina	63	21	505	510	0.12	0.15	1.18
North Dakota	0	0	0	0	—	—	—
Ohio	2,356	1,817	1,519	3,341	0.82	2.27	0.40
Oklahoma	7,393	1,820	404	7,624	NA	0.17	NA
Oregon	0	0	0	0	—	—	—
Pennsylvania	720	815	3,459	3,626	0.83	0.30	0.21
Rhode Island	0	0	0	0	—	—	—
South Carolina	367	83	597	705	0.32	0.35	0.11
South Dakota	0	0	0	0	—	—	—
Tennessee	201	115	2,589	2,599	0.26	0.27	NA
Texas	2,403	241	NA	NA	0.35	0.31	NA
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	210	58	302	373	0.42	0.96	NA
Washington	0	0	0	0	—	—	—
West Virginia	212	632	704	969	NA	0.80	NA
Wisconsin	1,924	598	179	2,023	0.33	0.30	0.17
Wyoming	0	0	NA	NA	—	—	—
Total	**9,290**	**7,346**	**17,776**	**21,360**	**0.11**	**0.12**	**0.31**

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"	Javed Zaidi (202)586-8695
Supplemental Gaseous Fuels	2	Monthly: Annual:	EIA computations Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	Javed Zaidi (202)586-8695
Imports and Exports	2	Monthly: Annual:	EIA computations Office of Fossil Energy, U.S.Department of Energy, "Natural Gas Import and Exports"	Javed Zaidi (202)586-8695
Price: City Gate, Residential, Commercial, and Industrial	4	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202)586-4790
Wellhead	4	Monthly: Annual:	EIA computations Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sylvia Norris (202)586-6106
Electric Utility	4	Monthly:	Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202)586-4790
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Quarterly Natural Gas Import and Export Sales and Price Report	Javed Zaidi (202)586-8695
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 Utility, All Consumers	 15 16 17 18 19	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"	Roy Kass (202)586-4790
Average Price to: City Gate, Residential, Commercial, Industrial, Electric Utility	 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"	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				Mary Carlson (202)586-4749

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 quantities lost or to the effects of data reporting problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents.

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

British Thermal Unit (Btu): The heat required to raise the temperature of one pound of water by one degree Fahrenheit at or near 39.2 degrees Fahrenheit.

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 Reservoir 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 Utility: An enterprise that is engaged in the generation, transmission, or distribution of electric energy primarily for use by the public and that is the major power supplier within a designated service area. Electric utilities include investor-owned, publicly-owned, cooperatively-owned, and government-owned (municipals, Federal agencies, State projects, and public power districts) systems.

Electric Utility Consumption: Gas used as fuel in electric utility plants.

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, and fisheries. Also included in industrial consumption are natural gas volumes used in the generation of electricity by other than regulated electric utilities.

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.

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.