

Natural Gas Monthly

November 2000

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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		
<i>Natural Gas Weekly Market Update</i>	PDF	Analysis of current price, supply and storage data
<i>Natural Gas Monthly</i>	PDF	Monthly supply, disposition, and price data
<i>Natural Gas Annual</i>	PDF	Annual supply, disposition, and price data
<i>Historical Natural Gas Annual</i>	PDF	Historical annual supply, disposition, and price data from 1930 - 1997
<i>Issues and Trends</i>	PDF	Comprehensive analysis of growth and change in the natural gas industry
<i>U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves</i>	PDF	Proved reserves in the United States
<i>Oil and Gas Field Code Master List</i>	PDF	Listing of U.S. oil and gas field names
Databases		
Monthly Data	TXT	Tables 1-6, and 9 from the <i>Natural Gas Monthly</i>
Historical Monthly Data	EXE	Consumption and price data, 1984-1994; 1995-present
Annual Data	TXT	Tables from the <i>Natural Gas Annual</i>
Historical Annual Data	TXT	Tables from the <i>Historical Natural Gas Annual</i>
Field Codes	EXE	Oil & Gas Field Code Master List
Applications		
EIA-176 Query System	EXE	Company filings to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"
EIAGIS	EXE	Periodic updates for users of the EIAGIS-NG Geographic Information System

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 Kenneth A. Vagts.

General questions and comments regarding the *NGM* may be referred to Ann M. Ducca (202) 586-6137. Specific technical questions may be referred to the appropriate persons listed in Appendix E.

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	IOGCC	Interstate Oil and Gas Compact Commission
Bbl	Barrels	LNG	Liquefied Natural Gas
BLS	Bureau of Labor Statistics, U.S. Department of Labor	Mcf	Thousand Cubic Feet
Bcf	Billion Cubic Feet	MMBtu	Million British Thermal Units
BOM	Bureau of Mines, U.S. Department of the Interior	MMcf	Million Cubic Feet
Btu	British Thermal Unit	MMS	United States Minerals Management Service, U.S. Department of the Interior
DOE	U.S. Department of Energy	NGL	Natural Gas Liquids
DOI	U.S. Department of the Interior	OCS	Outer Continental Shelf
EIA	Energy Information Administration, U.S. Department of Energy	STIFS	Short-Term Integrated Forecasting System
FERC	Federal Energy Regulatory Commission	STEO	Short Term Energy Outlook
		Tcf	Trillion Cubic Feet

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Highlights

This issue of the *Natural Gas Monthly* contains estimates of natural gas data through November 2000 for many data series at the national level. National-level natural gas prices are available through July (electric utilities), August (residential, commercial, and industrial), or October (wellhead). State-level data are generally available through August 2000. Also, there are revisions of several of the 1999 monthly data series. (See the box below.)

Highlights of the most recent data estimates contained in this issue are:

- Cumulative dry natural gas production through November 2000 is estimated to be 17,129 billion cubic feet, virtually the same as in 1999 for the same period. As the first month of the heating season comes to a close, production for November is estimated to be 1,534 billion cubic feet or 51.1 billion cubic feet per day, nearly 1 percent more than production for November 1999.
- Concerns about the levels of natural gas in storage continued as the 2000-2001 heating season began. Working gas in underground storage fa-

Adjustment of 1999 Monthly Data

This issue of the *Natural Gas Monthly* contains revisions of several of the 1999 monthly data series. These data series have been revised so that their totals for the 12 months of the year agree with the annual totals shown in the *Natural Gas Annual 1999*. The data series that were adjusted to annual totals are: natural gas production, wellhead prices, underground storage injections and withdrawals, consumption, and consumer prices.

The revisions are the result of an adjustment process that is performed each year when data received from an annual census of respondents become available. Before the process begins, all revisions and corrections that had been received throughout the year are included in the monthly base figures. Then the annual adjustment process aligns the monthly estimates for sectoral consumption, sectoral prices, and underground storage injections and withdrawals, which had been developed using monthly survey information, to agree with the annual summaries of data reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and published in the *Natural Gas Annual 1999*. Natural gas production and wellhead prices are also revised using the best information obtained from producing States and the U.S. Minerals Management Service.

There are some differences between annual totals shown in this report, the *Natural Gas Monthly*, and those shown in the *Natural Gas Annual 1999*. An error was identified in the volume of extraction loss for 1999. In the *Natural Gas Annual 1999*, total extraction loss is shown as 901 billion cubic feet. The correct number is 973 billion cubic feet as shown in Tables 1 and 2 of this issue of the *Natural Gas Monthly*. The resulting dry production level has also been adjusted from 18,695 billion cubic feet in the annual report to 18,623 billion cubic feet in the monthly report. In addition, errors in consumption volumes have also been identified since the release of the *Natural Gas Annual 1999*. The corrected volumes by sector in several States and corresponding U.S. totals are shown in this report and do not match those in the *Natural Gas Annual 1999*.

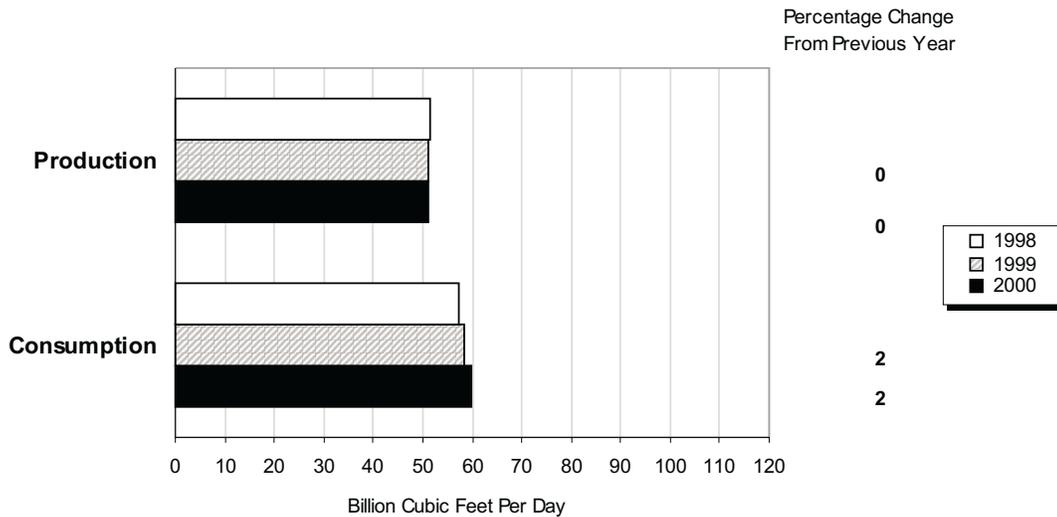
Appendices A (Explanatory Notes), B (Data Sources), and C (Statistical Considerations) of this publication provide further information about data sources, estimation procedures, annual adjustments, and sample design. These appendices may be helpful in evaluating the monthly data.

cilities is estimated to be 2,425 billion cubic feet at the end of November 2000. This is 21 percent lower than at the end of November 1999 and 15 percent lower than the average for this point in the heating season during 1995-1999. After three years of warmer-than-normal winter weather, temperatures in November 2000 returned to more normal levels and net storage withdrawals were estimated to be 293 billion cubic feet. These net withdrawals are more in line with the 272 and 264 billion cubic feet withdrawn in November 1995 and 1996, respectively, than the 31 and 32 billion cubic feet withdrawn in November 1998 and 1999, respectively.

- End-use consumption of natural gas for January through November 2000 is estimated to be 18,303 billion cubic feet, approximately 3 percent higher than during the same period in 1999. End-use consumption in November 2000, the first month of the 2000-2001 heating season, is 1,703 billion cubic feet, 8 percent higher than in November 1999 (Table 3). The return of normal temperatures after warm winters in recent years created increased demand for gas for space heating.

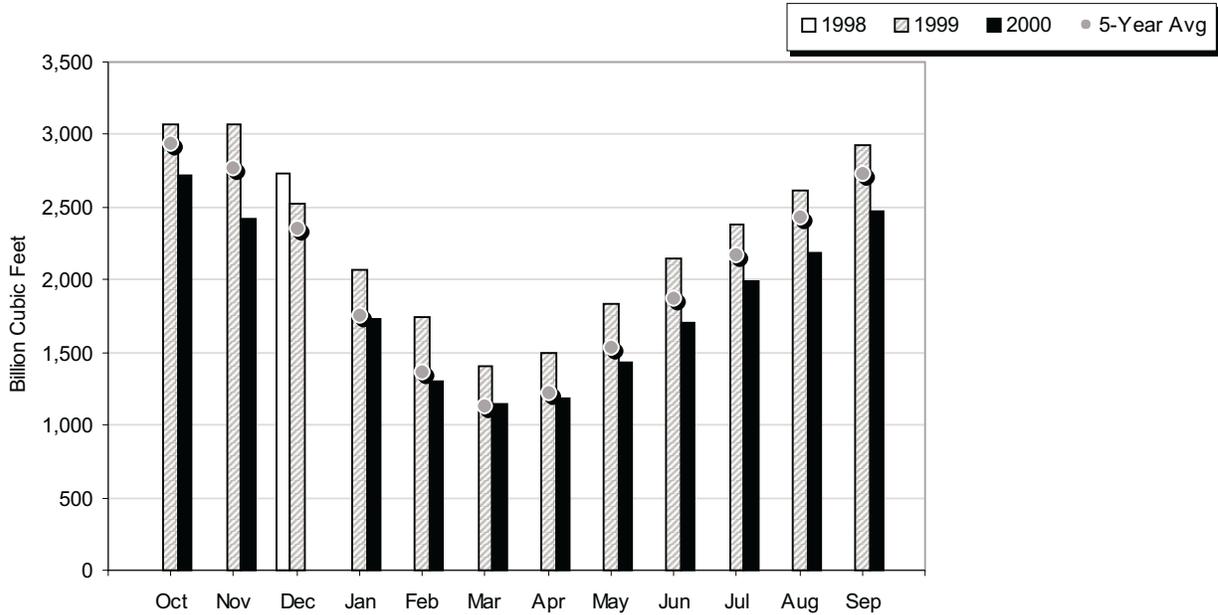
- Average natural gas wellhead prices have increased substantially in recent months from an estimated \$3.67 per thousand cubic feet in August 2000, to \$4.26 in September 2000, and \$4.61 in October 2000 (Table 4). The October 2000 estimate is 85 percent higher than that of a year ago when the wellhead price was \$2.50 per thousand cubic feet. Cumulatively, the average wellhead price estimated for January through October 2000 is \$3.22 per thousand cubic feet, 52 percent higher than for the same period in 1999 (Figure HI4).
- Settlement prices on the near-month futures contract at the Henry Hub continue to break records as the nation generally returns to normal winter weather after three warmer-than-normal winters. The December 2000 futures contract closed at \$6.016 per million Btu on November 28 (Figure HI5), the highest closing price ever for a futures contract in any month, and nearly three times the closing price of the December 1999 contract (\$2.120). The January 2001 contract began trading as the near-month contract on November 29, 2000. During the first full week of December, the highest settlement price for the January contract was \$8.584 per million Btu on December 8, 2000, a new

Figure HI1. Average Daily Rate of Natural Gas Production and Consumption, January-November, 1998-2000



Source: Table 2.

Figure HI2. Working Gas in Underground Storage in the United States, 1998-2000



Note: The 5-year average is calculated using the latest available monthly data. For example, the December average is calculated from December storage levels for 1995 to 1999 while the January average is calculated from January levels for 1996 to 2000. Data are reported as of the end of the month, thus October data represent the beginning of the heating season.

Source: Form EIA-191, "Underground Natural Gas Storage Report," Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and Short-Term Integrated Forecasting System.

near-month record. Prices for the January 2001 contract increased so rapidly during trading in early December that the New York Mercantile Exchange has revised its rules for the suspension of trading, increasing the trigger from a 75-cent change from the previous day's settlement price to a \$1.00 change, and reducing the suspension from 1 hour to 15 minutes.¹

- As exceptionally high natural gas prices and cold weather continue early in the 2000-2001 winter season, consumers have voiced their concern about rising prices in the residential natural gas marketplace. The December 2000 *Short-Term Energy Outlook (STEO)*, from the Energy Information Administration (EIA), estimates that expenditures this winter (October through March) for residential gas consumers in the Midwest will be about 50 percent more than last winter. EIA recently published a brochure,

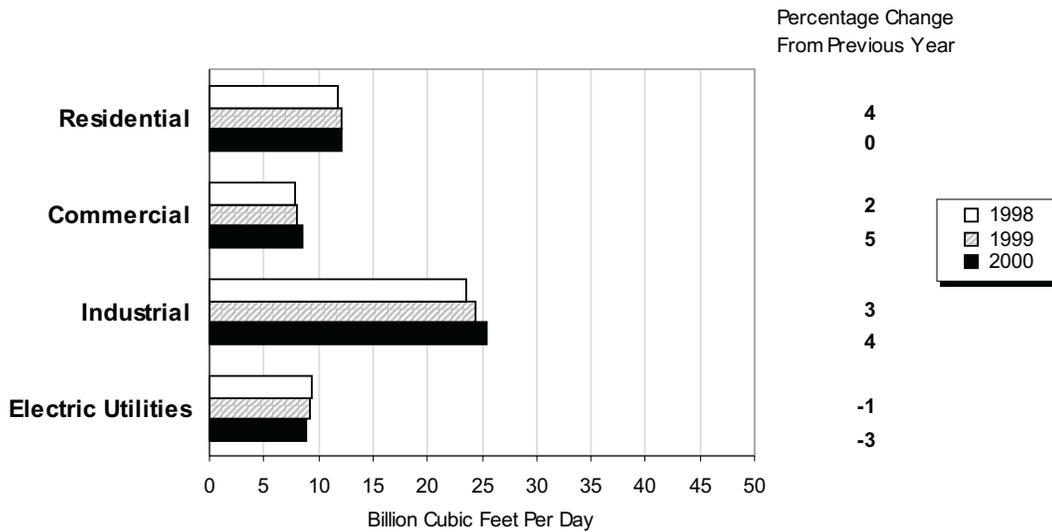
Residential Natural Gas Prices: What Consumers Should Know, which explains the main components of the residential price, why consumers will be paying more on average this winter, and ways in which consumers can lessen the impact of potentially higher bills. This brochure is available electronically through the "What's New" tab on the left of the natural gas section of EIA's website at <http://www.eia.doe.gov>. Paper copies are available from the National Energy Information Center (202) 586-8800.

EIA provides two electronic publications on its website, <http://www.eia.doe.gov>, that provide weekly updates on the natural gas industry. Users of natural gas information may find these reports especially helpful during the heating season. These reports are located in "Featured Topics" on the right side of the natural gas page.

¹ Energy Information Administration, *Natural Gas Weekly Market Update* (December 11, 2000). http://www.eia.doe.gov/oil_gas/natural_gas/data_publications/natural_gas_weekly_market_update/ngwmu.html.

- The *Natural Gas Update* is published Thursday afternoons and provides the most recent data released by the industry on natural gas storage as well as data on spot and futures prices for the first 3 days of the week. This report will be available throughout the 2000-2001 heating season.
- The *Natural Gas Weekly Market Update* is released each Monday afternoon. This report contains a more in-depth analysis of the events of the previous week and includes data on average temperatures for major gas-consuming metropolitan areas. During the heating season these metro areas are: Chicago, Kansas City, New York, and Pittsburgh. For the rest of the year the metro areas are: Dallas/Fort Worth, Houston, Los Angeles, Miami, New Orleans, and New York.

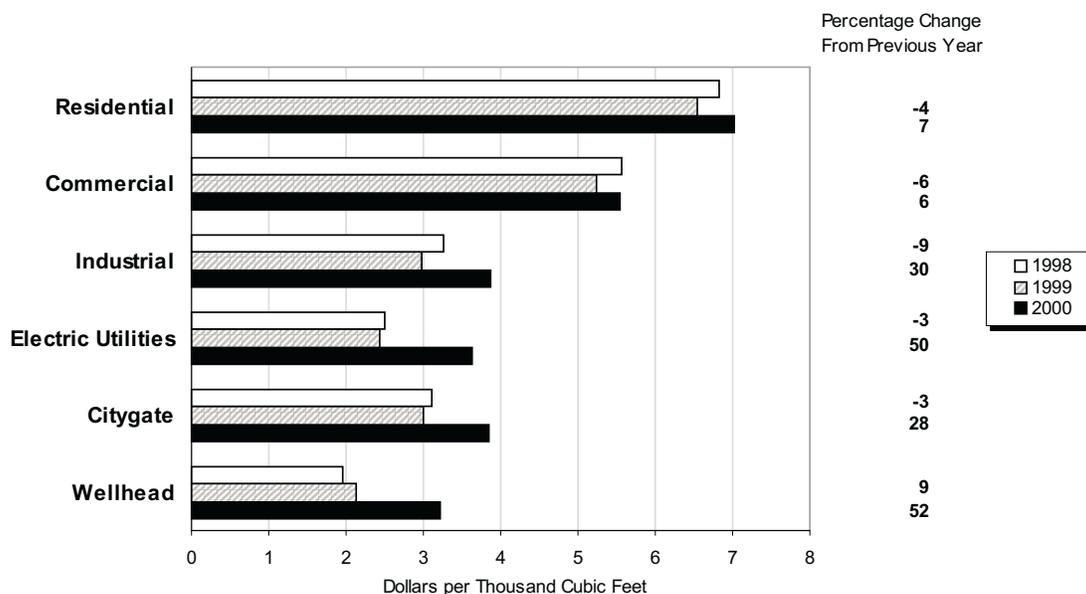
Figure HI3. Average Daily Rate of Natural Gas Deliveries to Consumers, January-November, 1998-2000



Note: Electric utilities reflect deliveries for January-August.

Source: Table 3.

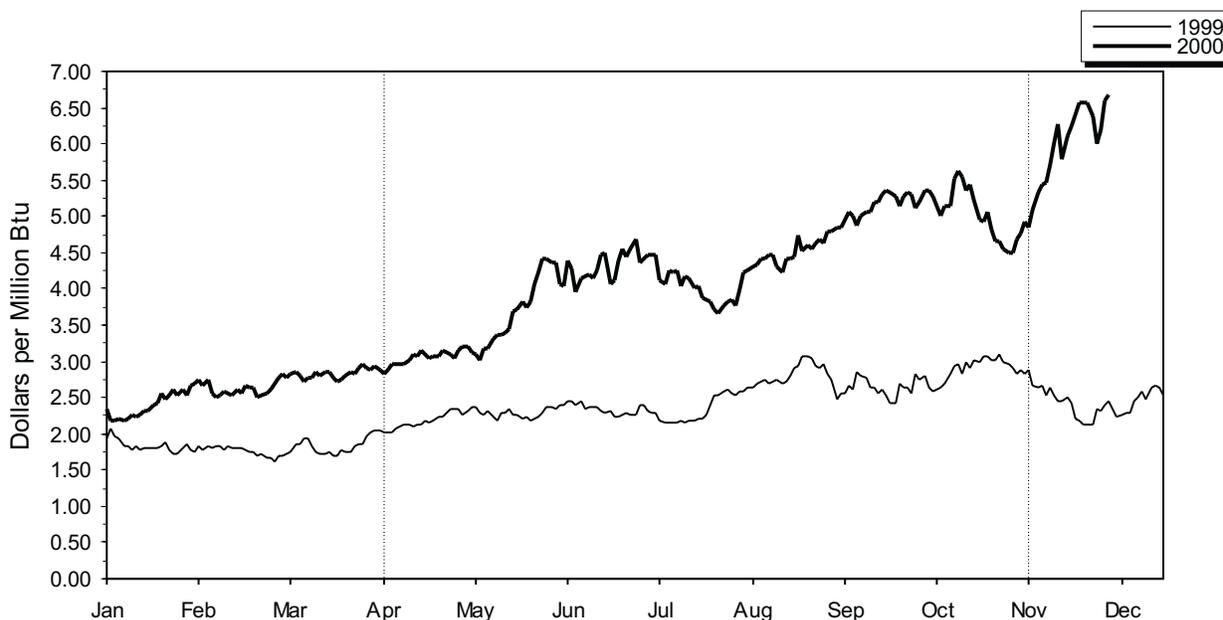
Figure HI4. Average Delivered and Wellhead Natural Gas Prices, January-August, 1998-2000



Note: Commercial and industrial average prices reflect onsystem sales only. The reporting of wellhead prices is 2 months ahead of the reporting of city gate, residential, commercial, and industrial prices. The reporting of electric utility prices is 1 month behind the reporting of city gate, residential, commercial, and industrial prices.

Source: Table 4.

Figure HI5. Daily Futures Settlement Prices at the Henry Hub



Note: The futures price is for the near-month contract, that is, for the next contract to terminate trading. Contracts are traded on the New York Mercantile Exchange. April 1 is the beginning of the natural gas storage refill season. November 1 is the beginning of the heating season.

Source: Commodity Futures Trading Commission, Division of Economic Analysis.

Table 1. Summary of Natural Gas Production in the United States, 1994-2000
(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
1994 Total	23,581	3,231	412	228	19,710	889	18,821
1995 Total	23,744	3,565	388	284	19,506	908	18,599
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							
January	2,093	307	48	19	1,719	82	1,637
February	1,877	291	49	17	1,520	73	1,448
March	2,081	310	51	20	1,700	81	1,619
April	1,994	284	50	20	1,640	78	1,562
May	2,035	266	47	16	1,705	81	1,624
June	1,975	271	49	21	1,634	78	1,556
July	2,002	265	51	20	1,666	80	1,586
August	2,024	273	53	20	1,678	80	1,598
September	1,874	276	51	20	1,527	73	1,454
October	2,026	297	58	21	1,650	79	1,571
November	1,954	292	52	20	1,591	76	1,515
December	1,988	302	51	20	1,615	77	1,538
Total	23,924	3,433	611	234	19,646	938	18,708
1999							
January	^R 2,064	^R 296	^R 54	^R 21	^R 1,693	^R 84	^R 1,609
February	^R 1,878	^R 280	^R 49	^R 19	^R 1,531	^R 76	^R 1,455
March	^R 2,070	^R 298	^R 51	^R 20	^R 1,701	^R 84	^R 1,616
April	^R 1,964	^R 274	^R 50	^R 20	^R 1,620	^R 80	^R 1,540
May	^R 1,984	^R 255	^R 53	^R 20	^R 1,657	^R 82	^R 1,574
June	^R 1,945	^R 262	^R 48	^R 20	^R 1,615	^R 80	^R 1,535
July	^R 1,988	^R 253	^R 52	21	^R 1,663	^R 83	^R 1,580
August	^R 1,984	^R 263	^R 50	^R 21	^R 1,651	^R 82	^R 1,569
September	^R 1,931	^R 265	^R 50	^R 23	^R 1,594	^R 79	^R 1,515
October	^R 2,012	^R 286	^R 53	^R 21	^R 1,653	^R 82	^R 1,571
November	^R 1,953	^R 282	^R 49	^R 20	^R 1,601	^R 79	^R 1,522
December	^R 1,982	^R 293	^R 52	^R 20	^R 1,618	^R 80	^R 1,537
Total	^R 23,755	^R 3,305	^R 610	^R 245	^R 19,596	^R 973	^R 18,623
2000							
January	^E 2,041	^E 336	^E 42	^E 20	^E 1,644	^E 76	^E 1,568
February	^E 1,935	^E 320	^E 42	^E 22	^E 1,551	^E 71	^E 1,479
March	^E 2,069	^E 319	^E 46	^E 23	^E 1,680	^E 77	^E 1,602
April	^{RE} 1,977	^{RE} 324	^E 43	^E 20	^E 1,590	^E 73	^{RE} 1,517
May	^{RE} 2,032	^{RE} 320	^E 43	^E 21	^{RE} 1,648	^E 76	^{RE} 1,572
June	^{RE} 1,974	^{RE} 293	^{RE} 44	^E 23	^E 1,613	^E 74	^{RE} 1,539
July	^{RE} 2,009	^{RE} 292	^{RE} 43	^{RE} 20	^{RE} 1,654	^E 76	^{RE} 1,578
August	^{RE} 2,053	^{RE} 309	^{RE} 44	^E 22	^E 1,678	^E 77	^E 1,601
September	^E 1,977	^E 293	^E 43	^E 21	^E 1,620	^E 75	^E 1,545
October(STIFS)	NA	NA	NA	NA	^E 1,671	^E 79	^E 1,592
November(STIFS)	NA	NA	NA	NA	^E 1,612	^E 78	^E 1,534
2000 YTD	NA	NA	NA	NA	^E 17,961	^E 833	^E 17,129
1999 YTD	21,773	3,012	558	226	17,978	892	17,086
1998 YTD	21,936	3,132	560	214	18,030	861	17,170

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

^b Extraction loss is only collected on an annual basis. Annually it is between 4 and 5 percent of marketed production. 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.

^R Revised Data.

^E Estimated Data.

^{RE} Revised Estimated Data.

NA Not Available.

Notes: Data for 1994 through 1999 are final. All other data are preliminary unless otherwise indicated and contain estimates for selected States (see Table 7). Estimates for the most recent two months are derived from the Short-Term Integrated Forecasting System (STIFS). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1994-1999: Energy Information Administration (EIA), *Natural Gas Annual 1999*. January 2000 through current month: Form EIA-895, "Monthly Quantity of Natural Gas Report," STIFS, and EIA estimates. See Appendix A, Explanatory Notes 1, 3, and 6, for discussion of computation and estimation procedures and revision policies.

Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1994-2000
(Billion Cubic Feet)

Year and Month	Dry Gas Production	Supplemental Gaseous Fuels ^a	Net Imports	Net Storage Withdrawals ^b	Balancing Item ^c	Consumption ^d
1994 Total	18,821	111	2,462	-286	-400	20,708
1995 Total	18,599	110	2,687	415	-230	21,581
1996 Total	18,854	109	2,784	2	217	21,967
1997 Total	18,902	103	2,837	24	92	21,959
1998						
January	1,637	11	270	486	-2	2,401
February	1,448	9	240	301	114	2,111
March	1,619	10	244	255	-4	2,123
April	1,562	8	240	-206	102	1,705
May	1,624	7	242	-402	29	1,500
June	1,556	6	230	-336	6	1,462
July	1,586	8	255	-326	49	1,572
August	1,598	8	264	-286	-1	1,583
September	1,454	7	250	-231	-10	1,471
October	1,571	8	253	-269	-81	1,482
November	1,515	10	246	32	-85	1,717
December	1,538	11	259	452	-131	2,129
Total	18,708	102	2,993	-530	-11	21,262
1999						
January	^R 1,609	10	298	^R 659	^R -35	^R 2,542
February	^R 1,455	8	273	^R 339	^R 61	^R 2,137
March	^R 1,616	9	286	^R 314	^R -46	^R 2,178
April	^R 1,540	8	258	^R -96	^R 87	^R 1,797
May	^R 1,574	8	277	^R -358	^R 11	^R 1,513
June	^R 1,535	6	268	^R -327	^R -49	^R 1,433
July	^R 1,580	^R 8	283	^R -231	^R -103	^R 1,536
August	^R 1,569	8	299	^R -236	^R -60	^R 1,580
September	^R 1,515	7	290	^R -335	^R -12	^R 1,464
October	^R 1,571	8	294	^R -165	^R -124	^R 1,584
November	^R 1,522	8	287	^R 34	^R -130	^R 1,721
December	^R 1,537	^R 10	308	^R 573	^R -216	^R 2,212
Total	^R 18,623	^R 98	3,422	^R 171	^R -612	^R 21,703
2000						
January	^E 1,568	^E 10	307	780	^R -148	^R 2,518
February	^E 1,479	^E 9	279	454	^R 127	^R 2,348
March	^E 1,602	^E 8	287	162	^R 4	^R 2,063
April	^{RE} 1,517	^E 7	277	-36	^R 25	^R 1,791
May	^{RE} 1,572	^E 7	268	-232	^R 42	^R 1,657
June	^{RE} 1,539	^E 6	279	-272	^R -25	^R 1,527
July	^{RE} 1,578	^E 8	300	-290	^R -30	^R 1,566
August	^E 1,601	^E 8	^E 281	-193	^R -56	1,642
September	^E 1,545	^E 7	290	-282	^E -83	^E 1,478
October(STIFS)	^E 1,592	^E 10	^E 284	^{RE} -245	^{RE} -71	^E 1,570
November(STIFS)	^E 1,534	^E 10	^E 299	^E 293	^E -277	^E 1,860
2000 YTD	^E 17,129	^E 91	^E 3,151	^E 138	^E -490	^E 20,020
1999 YTD	17,086	89	3,114	-402	-402	19,484
1998 YTD	17,170	91	2,734	-982	115	19,128

^a Supplemental gaseous fuels data are only collected on an annual basis except for the Dakota Gasification Inc. coal gasification facility which provides data each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Inc.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio, which varies between .0022 and .0037, is applied to the monthly sum of these three elements. The Dakota Gasification Inc. monthly value is added to the result to produce the monthly supplemental fuels estimate.

^b Monthly and annual data for 1994 through 1999 include underground storage and liquefied natural gas storage. Data for January 2000 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. 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.

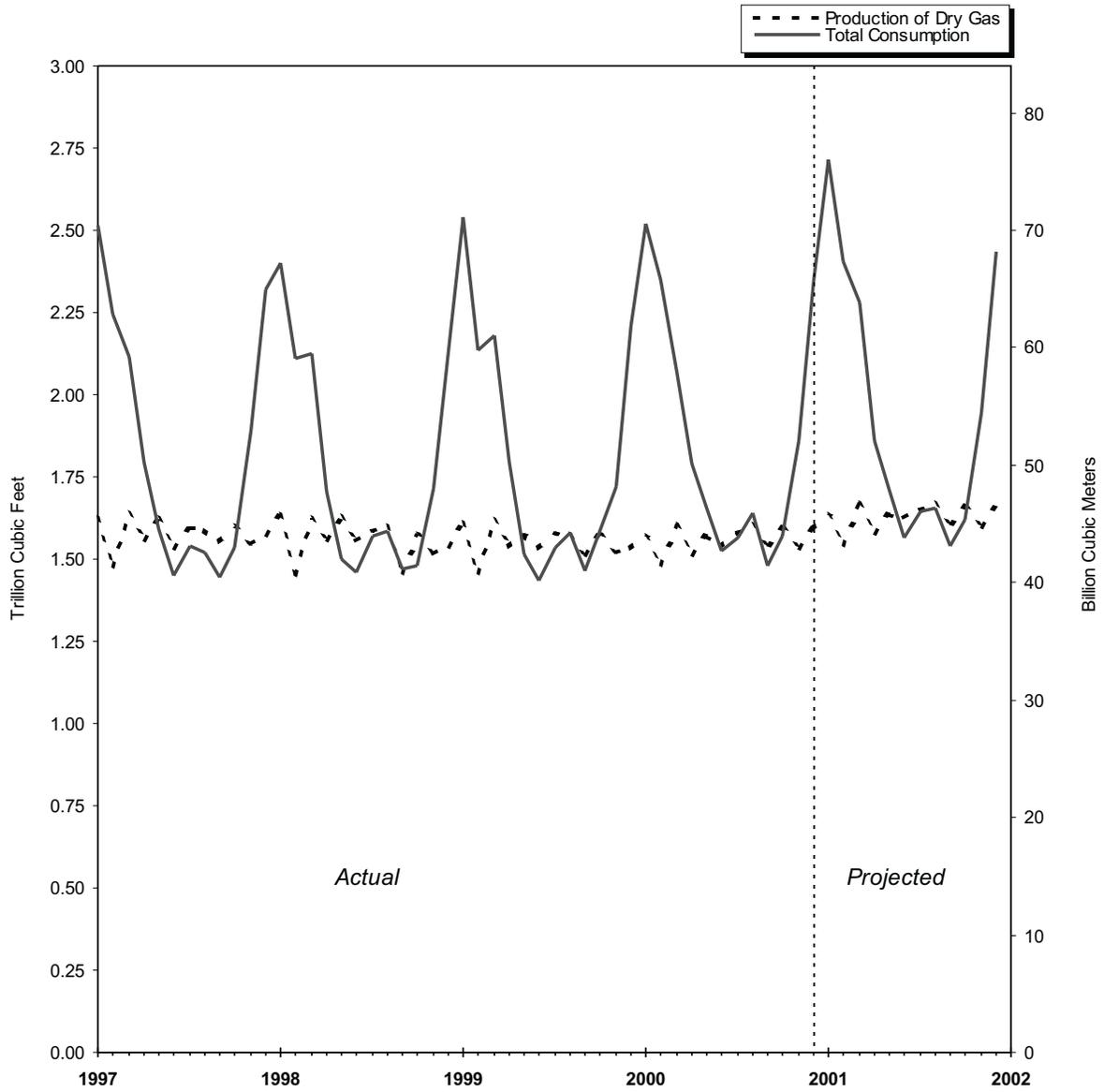
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^{RE} Revised Estimated Data.

Notes: Data for 1994 through 1999 are final. All other data are preliminary unless otherwise indicated. Estimates for the most recent two months are derived from the Short-Term Integrated Forecasting System (STIFS). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1994-1999: Energy Information Administration (EIA), *Natural Gas Annual 1999*. January 2000 through current month: EIA, Form EIA-895, Form EIA-857, Form EIA-191, EIA computations, and estimates, Short-Term Integrated Forecasting System (STIFS) computations, and Office of Fossil Energy, Natural Gas Imports and Exports. See Appendix A for discussion of computation and estimation procedures and revision policies.

Figure 1. Production and Consumption of Natural Gas in the United States, 1997-2001



Sources: 1997 through the current month: Table 2. Projected data: Energy Information Administration, Short-Term Energy Outlook.

Table 3. Natural Gas Consumption in the United States, 1994-2000
(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	
1994 Total	1,124	685	4,848	2,897	8,167	2,987	18,899	20,708
1995 Total	1,220	700	4,850	3,034	8,580	3,197	19,660	21,581
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								
January	101	73	812	451	793	171	2,227	2,401
February	90	64	692	393	739	134	1,957	2,111
March	101	64	648	367	750	194	1,959	2,123
April	97	51	408	256	704	190	1,558	1,705
May	99	44	221	170	676	290	1,357	1,500
June	96	43	153	138	654	379	1,323	1,462
July	97	47	132	142	704	449	1,428	1,572
August	98	47	117	144	719	457	1,438	1,583
September	90	44	121	140	695	381	1,337	1,471
October	98	44	203	173	718	246	1,340	1,482
November	94	51	398	264	732	178	1,572	1,717
December	96	64	616	362	803	189	1,969	2,129
Total	1,157	635	4,520	3,005	8,686	3,258	19,469	21,262
1999								
January	^R 93	^R 87	^R 911	^R 477	^R 797	176	^R 2,361	^R 2,542
February	^R 85	^R 73	^R 690	^R 401	^R 739	149	^R 1,979	^R 2,137
March	^R 94	^R 74	^R 669	390	^R 747	204	^R 2,010	^R 2,178
April	^R 89	^R 61	420	^R 260	^R 713	254	^R 1,647	^R 1,797
May	^R 90	^R 51	235	^R 177	^R 690	270	^R 1,372	^R 1,513
June	^R 88	^R 48	^R 158	^R 144	^R 673	322	^R 1,297	^R 1,433
July	^R 91	^R 52	^R 127	^R 133	^R 701	434	^R 1,394	^R 1,536
August	^R 90	^R 53	^R 116	^R 137	^R 750	432	^R 1,436	^R 1,580
September	^R 88	^R 49	^R 135	^R 138	^R 772	283	^R 1,327	^R 1,464
October	^R 91	^R 53	234	^R 181	^R 785	240	^R 1,440	^R 1,584
November	^R 88	^R 58	^R 372	^R 246	^R 785	172	^R 1,574	^R 1,721
December	^R 90	^R 76	^R 660	^R 363	^R 849	176	^R 2,047	^R 2,212
Total	^R1,077	^R735	^R4,726	^R3,050	^R9,001	3,113	^R19,890	^R21,703
2000								
January	^E 103	75	892	^R 473	^R 786	190	^R 2,341	^R 2,518
February	^E 97	70	^R 776	^R 441	^R 798	166	^R 2,181	^R 2,348
March	^E 105	61	551	^R 372	^R 767	207	^R 1,897	^R 2,063
April	^{RE} 100	53	395	^R 267	^R 762	214	^R 1,638	^R 1,791
May	^E 103	^R 49	226	^R 203	^R 767	309	1,505	^R 1,657
June	^E 101	^R 45	^R 151	^R 165	759	306	^R 1,381	^R 1,527
July	^E 104	^R 53	^R 131	^R 161	^R 745	372	^R 1,409	^R 1,566
August	^E 105	49	122	159	798	409	1,489	1,642
September(STIFS)	^E 101	^E 41	^E 132	^E 141	^E 760	NA	^E 1,336	^E 1,478
October(STIFS)	^E 103	^E 44	^E 225	^E 165	^E 807	NA	^E 1,422	^E 1,570
November(STIFS)	^E 102	^E 55	^E 463	^E 288	^E 780	NA	^E 1,703	^E 1,860
2000 YTD^d	1,123	594	4,063	2,836	8,528	2,174	18,303	20,020
1999 YTD^d	988	659	4,066	2,682	8,152	2,242	17,837	19,484
1998 YTD^d	1,062	571	3,904	2,637	7,883	2,265	17,495	19,128

^a Plant fuel data are only collected on an annual basis and monthly lease fuel data are only collected annually. Lease and plant fuel estimates have been between 6 and 7 percent of marketed production 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 only collected on an annual basis. Annually it is between 3 and 4 percent of total consumption. 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 Deliveries to Commercial consumers for 1994-1999 include vehicle fuel deliveries, which totaled, in billion cubic feet, 1.7 in 1994, 2.7 in 1995, 2.9 in 1996, 4.4 in 1997, 5.1 in 1998, and 5.7 in 1999.

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

^R Revised Data.

^E Estimated Data.

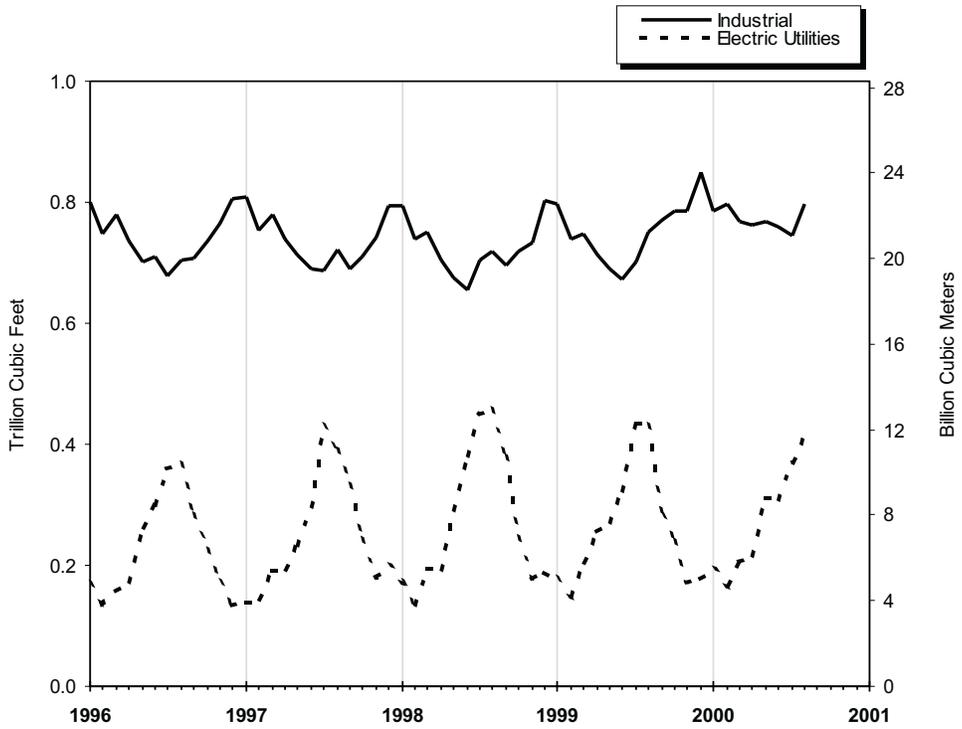
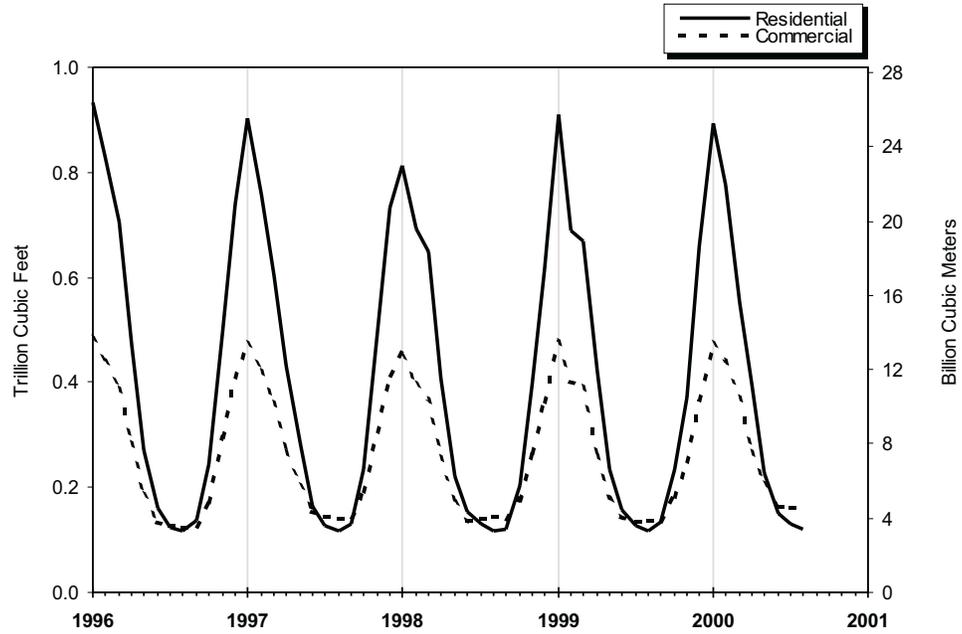
^{RE} Revised Estimated Data.

^{NA} Not Available.

Notes: Data for 1994 through 1999 are final. All other data are preliminary unless otherwise indicated. Estimates for the most recent three months are derived from the Short-Term Integrated Forecasting System (STIFS). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. In 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use. See Explanatory Note 5 for further explanation.

Sources: 1994-1999: Energy Information Administration (EIA): Form EIA-627, "Annual Quantity and Value of Natural Gas Report," (thru 1994), Form EIA-895 "Monthly Quantity of Natural Gas Report," (1995 forward), 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 1999*. January 2000 through the current month: EIA: Form EIA-895, Form EIA-857, Form EIA-759, and STIFS computations. See Appendix A, Explanatory Note 5, for computation procedures and revision policy.

Figure 2. Natural Gas Deliveries to Consumers in the United States, 1996-2000



Source: Table 3.

Table 4. Selected National Average Natural Gas Prices, 1994-2000

(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price ^a	City Gate Price	Delivered to Consumers					Electric Utilities Price
			Residential Price	Commercial		Industrial		
				Price	% of Total ^b	Price	% of Total ^b	
1994 Annual Average	1.85	3.07	6.41	5.44	79.3	3.05	25.5	2.28
1995 Annual Average	1.55	2.78	6.06	5.05	76.7	2.71	24.5	2.02
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								
January	1.95	3.08	6.41	5.65	73.2	3.67	16.8	2.64
February	1.95	3.08	6.41	5.59	72.9	3.58	16.7	2.51
March	2.05	3.06	6.29	5.40	73.6	3.40	17.3	2.53
April	2.15	3.23	6.81	5.64	67.7	3.28	15.8	2.59
May	2.04	3.12	7.70	5.73	62.6	3.14	14.9	2.47
June	1.90	2.98	8.51	5.51	62.9	2.97	15.1	2.40
July	2.08	3.31	8.53	5.64	56.0	3.04	13.1	2.50
August	1.81	3.01	9.25	5.46	53.3	2.75	13.8	2.21
September	1.69	2.78	8.96	5.49	57.0	2.65	14.2	2.15
October	1.85	2.99	7.60	5.31	59.2	2.75	14.8	2.22
November	1.93	2.99	6.58	5.22	64.5	2.95	15.7	2.37
December	1.94	3.10	6.34	5.23	68.3	2.92	17.2	2.22
Annual Average	1.94	3.07	6.82	5.48	67.0	3.14	16.1	2.40
1999								
January	^R 1.84	^R 2.87	^R 6.00	^R 5.19	^R 73.1	^R 3.29	^R 16.9	2.32
February	^R 1.75	2.93	^R 6.29	^R 5.28	^R 69.7	^R 2.92	^R 16.8	2.26
March	^R 1.68	^R 2.69	^R 6.06	^R 4.97	^R 69.3	^R 2.95	^R 17.4	2.15
April	^R 1.86	^R 2.94	^R 6.44	^R 5.32	^R 65.4	^R 3.00	^R 16.6	2.29
May	^R 2.16	^R 3.41	^R 7.30	^R 5.34	^R 61.1	^R 2.86	^R 16.0	2.57
June	^R 2.12	^R 3.28	^R 8.20	^R 5.29	^R 61.1	^R 2.81	^R 15.8	2.53
July	^R 2.18	^R 3.23	^R 8.83	^R 5.44	^R 58.2	^R 2.86	^R 15.7	2.58
August	^R 2.49	^R 3.53	^R 9.14	^R 5.46	^R 56.6	^R 2.99	^R 18.8	2.86
September	^R 2.61	^R 3.72	^R 8.63	^R 5.55	^R 60.0	^R 3.41	^R 17.5	2.98
October	^R 2.50	^R 3.31	^R 7.56	^R 5.46	^R 61.7	^R 3.20	^R 17.5	2.83
November	^R 2.67	^R 3.76	^R 7.15	^R 5.72	^R 63.0	^R 3.51	^R 17.7	3.01
December	^R 2.20	^R 3.24	^R 6.51	^R 5.56	^R 67.6	^R 3.05	^R 21.3	2.68
Annual Average	^R2.17	^R3.16	^R6.69	^R5.33	^R66.2	^R3.10	^R18.8	2.62
2000								
January	^E 2.12	3.33	6.24	^R 5.49	^R 66.8	^R 3.48	^R 17.1	2.74
February	^E 2.30	3.50	^R 6.40	^R 5.61	^R 68.0	3.67	16.6	2.95
March	^E 2.36	3.57	^R 6.78	^R 5.31	64.2	3.54	15.8	2.99
April	^E 2.55	3.72	^R 7.01	^R 5.61	^R 64.3	^R 3.63	15.5	3.22
May	^E 2.90	4.00	^R 7.88	^R 5.28	^R 63.6	^R 3.73	^R 14.6	3.61
June	^E 3.73	5.21	^R 9.12	^R 5.74	^R 61.0	^R 4.31	^R 15.4	4.46
July	^E 3.70	5.13	^R 9.92	^R 5.74	^R 59.3	^R 4.45	^R 15.9	4.36
August	^E 3.67	4.03	10.12	5.95	56.8	4.21	15.1	NA
September	^E 4.26	NA						
October	^E 4.61	NA						
2000 YTD^c	^E3.22	3.84	7.02	5.54	64.3	3.87	15.8	3.64
1999 YTD^c	2.12	3.01	6.54	5.23	67.0	2.97	16.8	2.43
1998 YTD^c	1.95	3.10	6.82	5.57	68.4	3.26	15.5	2.50

^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 breakdown by State.

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

^R Revised Data.

^E Estimated Data.

NA Not Available.

Notes: Data for 1994 through 1999 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. In 1995 and earlier years, agricultural use was classified as commercial use. See Explanatory Note 5 for further explanation.

Sources: 1994-1999: Energy Information Administration (EIA) *Natural Gas Annual 1999*. January 2000 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. See Appendix A, Explanatory Note 8 for estimation procedures and revision policy.

Figure 3. Average Price of Natural Gas Delivered to Consumers in the U.S., 1996-2000

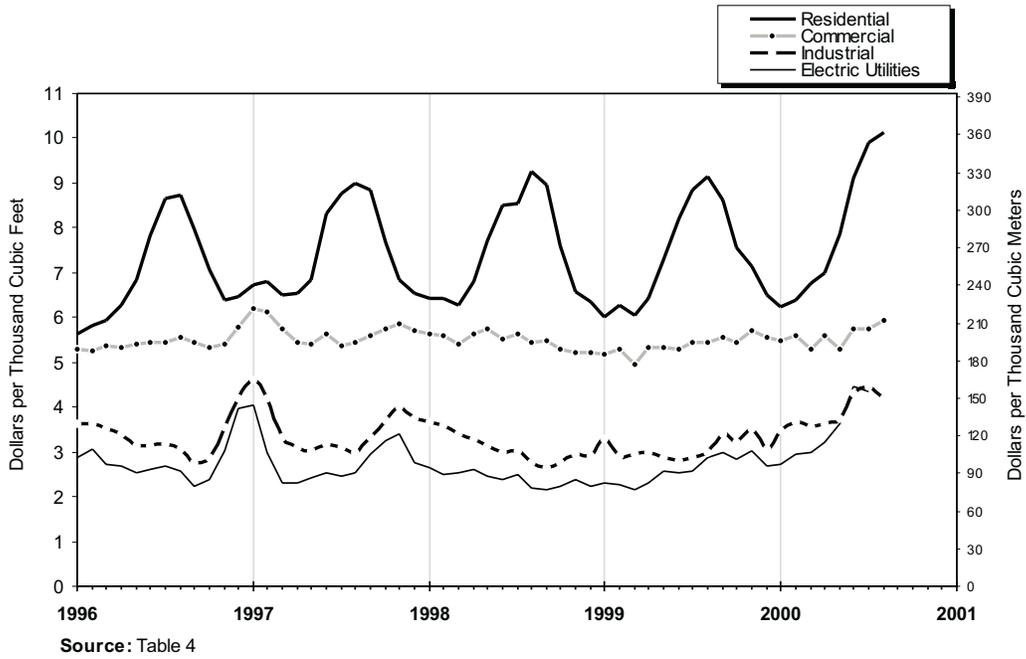


Figure 4. Average Price of Natural Gas in the United States, 1996-2000

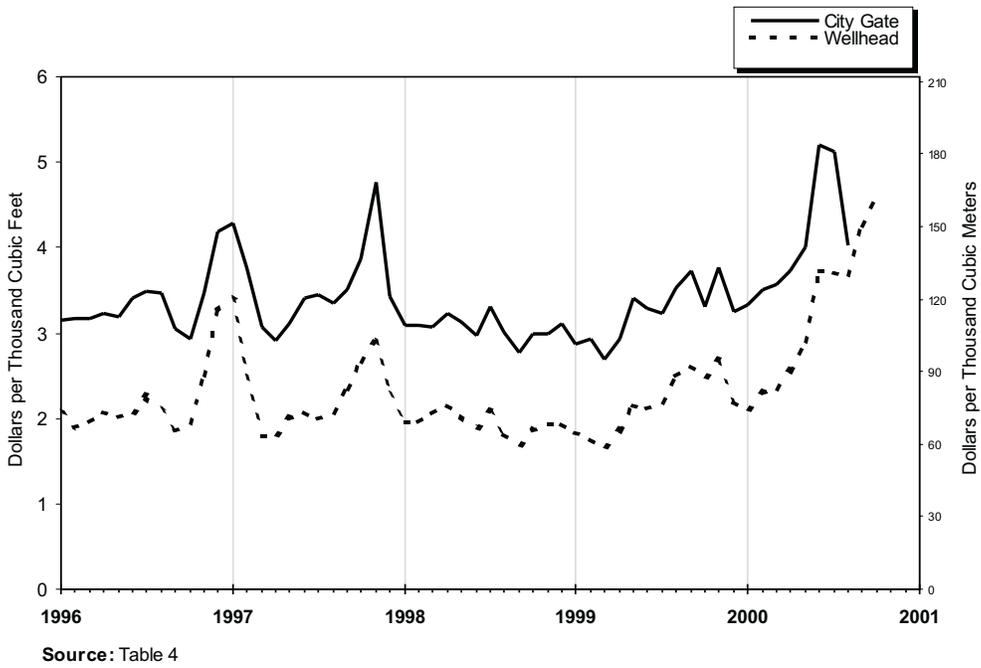


Table 5. U.S. Natural Gas Imports, by Country, 1994-2000

(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
1994 Total	2,566,049	1.86	7,013	1.99	50,778	2.28	0	—	0	—
1995 Total	2,816,408	1.48	6,722	1.53	17,918	2.30	0	—	0	—
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										
January	276,118	2.06	55	2.12	10,105	2.51	0	—	0	—
February	239,091	1.90	2,184	2.04	7,606	2.51	2,171	3.99	0	—
March	257,485	1.97	380	2.20	5,166	2.50	0	—	0	—
April	247,363	2.03	3,249	2.37	2,549	2.52	0	—	0	—
May	243,868	2.00	845	2.15	7,596	2.51	0	—	0	—
June	235,847	1.86	5	2.21	5,149	2.51	2,441	2.91	0	—
July	259,412	1.96	1,821	2.13	5,086	2.52	0	—	0	—
August	268,535	1.80	1,413	1.78	2,540	2.52	2,321	2.92	0	—
September	254,752	1.66	2,257	1.86	5,133	2.52	0	—	0	—
October	260,135	1.92	905	1.65	5,023	2.50	0	—	0	—
November	247,971	2.09	0	—	5,042	2.51	2,353	3.55	0	—
December	261,495	2.14	1,418	1.77	7,572	2.51	2,348	3.18	0	—
Total	3,052,073	1.95	14,532	2.03	68,567	2.51	11,634	3.30	0	—
1999										
January	292,833	2.02	4,891	1.74	13,066	2.42	0	—	0	—
February	269,126	1.90	4,398	1.69	7,684	2.51	2,557	3.55	0	—
March	287,769	1.77	751	1.60	13,090	2.44	0	—	0	—
April	257,065	1.83	4,193	2.02	7,637	2.35	0	—	0	—
May	275,219	2.18	6,844	1.94	3,898	2.13	0	—	0	—
June	260,240	2.13	4,978	2.12	2,528	2.17	2,314	2.33	0	—
July	278,424	2.17	3,877	2.21	5,134	2.18	0	—	0	—
August	288,717	2.39	6,028	2.61	2,554	2.17	2,302	2.37	0	—
September	280,798	2.64	4,643	2.39	7,593	2.49	0	—	0	—
October	287,177	2.50	4,168	2.49	5,118	2.48	2,309	2.42	0	—
November	284,514	2.85	6,463	2.31	2,440	2.85	0	—	0	—
December	305,663	2.32	3,296	2.08	5,021	2.51	2,422	2.76	0	—
Total	3,367,545	2.23	54,530	2.14	75,763	2.41	11,904	2.70	0	—
2000										
January	310,181	2.43	2,911	2.30	5,026	2.51	0	—	0	—
February	289,222	2.57	730	2.50	4,987	3.62	0	—	0	—
March	292,023	2.61	316	2.60	3,990	2.40	0	—	0	—
April	274,151	2.85	756	2.97	2,566	2.62	2,274	3.18	0	—
May	274,895	3.06	0	—	2,453	3.01	0	—	0	—
June	278,799	3.89	0	—	2,529	3.40	0	—	2,488	4.20
July	294,508	NA	0	NA	5,069	NA	2,285	NA	2,496	NA
August	283,216	NA	0	NA	2,370	NA	0	—	0	—
September	294,388	NA	0	NA	2,558	NA	1,270	NA	0	—
2000 YTD	2,591,384	NA	4,713	NA	31,548	NA	5,829	NA	4,983	NA
1999 YTD	2,490,191	2.12	40,603	2.09	63,184	2.38	7,173	2.78	0	—
1998 YTD	2,282,471	1.92	12,209	2.09	50,931	2.51	6,933	3.25	0	—

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports, by Country, 1994-2000

(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		
1994 Total	0	—	0	—	0	—	0	—	2,623,839	1.87
1995 Total	0	—	0	—	0	—	0	—	2,841,048	1.49
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										
January	0	—	0	—	0	—	0	—	286,278	2.08
February	0	—	0	—	0	—	0	—	251,052	1.94
March	0	—	0	—	0	—	0	—	263,032	1.98
April	0	—	0	—	0	—	0	—	253,161	2.04
May	0	—	0	—	0	—	0	—	252,310	2.02
June	0	—	0	—	0	—	0	—	243,442	1.88
July	0	—	0	—	0	—	0	—	266,319	1.97
August	0	—	0	—	0	—	0	—	274,809	1.82
September	0	—	0	—	0	—	0	—	262,142	1.68
October	0	—	0	—	0	—	0	—	266,063	1.93
November	0	—	0	—	2,667	2.78	0	—	258,033	2.12
December	0	—	0	—	2,585	2.47	0	—	275,417	2.16
Total	0	—	0	—	5,252	2.63	0	—	3,152,058	1.97
1999										
January	0	—	0	—	0	—	0	—	310,790	2.03
February	2,647	2.72	0	—	0	—	0	—	286,412	1.93
March	0	—	0	—	0	—	0	—	301,610	1.80
April	2,492	1.91	0	—	0	—	0	—	271,387	1.85
May	0	—	5,493	1.88	0	—	0	—	291,454	2.17
June	2,417	1.94	6,619	2.08	0	—	0	—	279,096	2.13
July	2,388	2.61	6,599	2.11	0	—	0	—	296,422	2.18
August	0	—	9,904	2.33	0	—	^a 2,576	2.36	312,081	2.39
September	4,987	2.74	4,393	2.55	0	—	0	—	302,414	2.63
October	0	—	5,865	2.57	0	—	0	—	304,637	2.50
November	2,374	3.45	6,648	2.85	2,713	3.03	0	—	305,152	2.85
December	2,392	3.59	5,256	2.83	0	—	0	—	324,050	2.34
Total	19,697	2.71	50,777	2.39	2,713	3.03	—	2.36	3,585,505	2.24
2000										
January	0	—	7,780	3.01	0	—	0	—	325,898	2.44
February	0	—	5,168	2.90	0	—	0	—	300,107	2.59
March	2,428	2.79	8,393	2.89	0	—	0	—	307,150	2.62
April	7,254	2.71	7,285	3.04	0	—	0	—	294,286	2.85
May	0	—	10,723	3.05	0	—	0	—	288,072	3.06
June	2,385	2.75	7,390	3.47	2,725	3.56	0	—	296,316	3.87
July	4,531	NA	9,951	NA	0	—	0	—	318,839	NA
August	7,167	NA	6,630	NA	0	—	0	—	299,382	NA
September	5,240	NA	4,864	NA	0	—	0	—	^E 308,321	NA
2000 YTD	29,004	NA	68,184	NA	2,725	3.56	0	—	^E2,738,370	NA
1999 YTD	14,931	2.45	33,008	2.19	0	—	2,576	2.36	2,651,666	2.13
1998 YTD	0	—	0	—	0	—	0	—	2,352,545	1.93

^a Received from Malaysia.^E Estimated Data.

NA Not Available.

— Not Applicable.

— Data not available.

Sources: 1994: Energy Information Administration, Form FPC-14,"Annual Report for Importers and Exporters of Natural Gas." January 1995 through the current month (except estimates): Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*. Estimated pipeline data (shown with an "E") are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 6. U.S. Natural Gas Exports, by Country, 1994-2000
(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		
1994 Total	52,556	2.42	46,500	1.68	62,682	3.18	0	—	161,738	2.50
1995 Total	27,554	1.96	61,283	1.50	65,283	3.41	0	—	154,119	2.39
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										
January	4,930	2.53	4,257	2.11	7,446	3.67	0	—	16,632	2.93
February	4,502	2.11	3,117	2.06	3,726	3.42	0	—	11,346	2.53
March	7,851	2.25	4,202	2.14	7,435	3.09	0	—	19,488	2.55
April	4,509	2.47	2,675	2.23	5,702	2.81	0	—	12,886	2.57
May	2,083	2.28	6,119	2.12	1,891	2.70	0	—	10,093	2.26
June	1,938	2.03	5,617	1.98	5,695	2.69	0	—	13,250	2.29
July	1,634	1.97	3,852	2.20	5,679	2.70	0	—	11,166	2.42
August	52	1.87	4,834	1.95	5,676	2.70	1	5.88	10,563	2.35
September	1,481	2.09	2,892	1.81	7,584	2.68	0	—	11,957	2.40
October	2,127	2.03	5,167	1.90	5,679	2.72	3	5.74	12,975	2.28
November	3,630	2.17	5,079	2.00	3,776	2.75	9	5.69	12,494	2.28
December	5,152	2.26	5,323	1.99	5,662	2.73	20	5.68	16,157	2.34
Total	39,891	2.25	53,133	2.04	65,951	2.91	33	5.69	159,007	2.45
1999										
January	2,264	1.92	4,526	1.81	5,586	2.95	24	7.41	12,400	2.36
February	2,564	1.93	4,777	1.72	5,564	2.94	29	7.39	12,934	2.30
March	4,494	1.80	5,950	1.62	5,570	2.88	21	7.33	16,035	2.11
April	2,246	1.80	5,049	1.87	5,687	2.77	19	7.13	13,001	2.26
May	2,212	2.26	6,108	2.27	5,644	2.78	24	7.42	13,988	2.48
June	1,953	2.14	5,278	2.29	3,754	2.77	18	7.28	11,003	2.44
July	1,987	2.19	5,612	2.31	5,675	2.88	20	7.14	13,294	2.54
August	2,018	2.41	5,398	2.70	5,643	3.11	20	7.36	13,079	2.84
September	1,959	2.80	5,267	2.89	5,605	3.23	21	7.26	12,852	3.03
October	2,339	2.63	4,086	2.68	3,723	3.28	13	7.07	10,161	2.89
November	8,018	2.95	5,001	2.89	5,579	3.56	30	5.85	18,628	3.12
December	6,454	2.39	3,973	2.28	5,577	3.81	36	5.82	16,040	2.86
Total	38,508	2.35	61,025	2.27	63,607	3.08	275	6.95	163,415	2.61
2000										
January	7,056	2.49	5,937	2.39	5,569	4.04	36	5.82	18,598	2.93
February	9,033	2.70	6,394	2.62	5,566	4.08	37	5.82	21,030	3.05
March	9,051	2.74	7,641	2.70	3,769	4.18	45	5.82	20,506	3.00
April	3,093	2.86	8,794	2.93	5,670	4.25	30	5.82	17,587	3.35
May	3,791	3.15	10,338	3.23	5,709	4.27	31	5.82	19,869	3.52
June	4,331	4.19	8,714	4.30	3,763	4.34	30	5.82	16,837	4.28
July	^E 4,331	NA	^E 8,714	NA	5,587	NA	NA	NA	^E 18,632	NA
August	^E 4,331	NA	^E 8,714	NA	5,596	NA	NA	NA	^E 18,641	NA
September	^E 4,331	NA	^E 8,714	NA	5,592	NA	NA	NA	^E 18,637	NA
2000 YTD	^E 49,347	NA	^E 73,960	NA	46,821	NA	NA	NA	^E 170,338	NA
1999 YTD	21,697	2.09	47,965	2.17	48,728	2.93	196	7.31	118,586	2.48
1998 YTD	28,981	2.27	37,564	2.07	50,834	2.96	1	5.88	117,380	2.50

^E Estimated Data.

NA Not Available.

— Not Applicable.

Sources: 1994: Energy Information Administration, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." January 1995

through the current month (except estimates): Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*. Estimated pipeline data (shown with an "E") 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, 1994-2000

(Million Cubic Feet)

Table 7

Year and Month	Alabama ^b	Alaska	Arizona	California	Colorado	Florida	Kansas
1994 Total	515,272	555,402	752	309,427	453,207	7,486	712,730
1995 Total	519,661	469,550	558	279,555	523,084	6,463	721,436
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							
January	46,466	43,382	43	24,752	57,511	503	53,032
February	41,653	39,244	42	22,151	52,954	491	48,698
March	46,476	42,479	53	22,708	58,795	592	52,948
April	46,281	38,540	43	21,952	57,586	531	51,415
May	48,978	35,281	38	23,894	57,916	513	54,334
June	49,638	36,217	34	24,871	55,989	426	52,862
July	50,131	36,171	42	27,157	57,737	486	51,324
August	49,215	36,118	36	29,727	58,584	472	54,059
September	42,308	36,884	32	29,114	57,005	498	43,419
October	47,503	39,958	31	30,467	60,868	423	47,058
November	46,682	39,483	33	29,508	59,592	401	47,359
December	48,447	42,890	33	28,974	61,783	459	47,078
Total	563,779	466,648	457	315,277	696,321	5,796	603,586
1999							
January	^R 47,546	^R 43,013	31	^R 31,961	^R 62,170	^R 511	52,200
February	^R 43,684	^R 38,930	27	^R 27,952	^R 63,344	^R 503	43,801
March	^R 45,306	^R 42,128	^R 35	^R 30,224	^R 61,664	^R 604	47,290
April	^R 42,455	^R 38,249	^R 37	^R 28,811	^R 57,978	^R 548	45,904
May	^R 47,604	^R 35,039	^R 39	^R 31,170	^R 63,312	^R 537	46,147
June	^R 46,613	^R 35,938	^R 44	^R 30,778	^R 62,489	^R 442	46,452
July	^R 46,686	^R 35,896	60	^R 33,356	^R 61,282	^R 499	46,254
August	^R 45,972	^R 35,853	51	^R 34,047	^R 61,337	^R 480	45,902
September	^R 44,743	^R 36,627	43	^R 33,273	^R 58,761	^R 501	44,294
October	^R 45,420	^R 39,617	43	^R 34,685	^R 62,548	^R 427	45,342
November	^R 45,157	^R 39,158	35	^R 33,373	^R 61,819	^R 408	44,094
December	^R 46,085	^R 42,517	28	^R 33,085	^R 62,383	^R 473	45,740
Total	^R 547,271	^R 462,967	^R 474	^R 382,715	^R 739,085	5,933	553,419
2000							
January	32,291	43,584	37	31,011	^E 61,130	499	44,772
February	30,245	38,884	33	28,855	^E 58,455	480	42,199
March	31,529	^E 39,274	26	31,351	^E 62,186	567	40,737
April	30,427	^R 39,084	28	30,645	^E 59,718	^E 504	^E 39,555
May	31,134	^R 35,171	31	31,886	^E 60,667	^E 474	43,445
June	^R 29,595	^R 35,120	32	29,799	^E 58,778	^E 405	43,565
July	^E 29,489	36,894	32	31,124	^E 60,218	^E 477	42,591
2000 YTD	^E 214,710	^E 268,011	219	214,672	^E 421,152	^E 3,407	^E 296,864
1999 YTD	319,895	269,194	274	214,253	432,237	3,645	328,048
1998 YTD	329,623	271,315	293	167,487	398,488	3,543	364,613

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1994-2000
(Million Cubic Feet) — Continued

Year and Month	Louisiana ^b	Michigan	Mississippi	Montana	New Mexico	North Dakota	Oklahoma
1994 Total	5,169,705	222,657	63,448	50,416	1,557,689	57,805	1,934,864
1995 Total	5,108,366	238,203	95,533	50,264	1,625,837	49,468	1,811,734
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							
January	453,867	28,460	9,639	4,831	130,265	4,623	158,897
February	409,480	8,278	8,574	4,569	118,164	4,039	126,200
March	459,364	30,780	9,781	4,892	132,729	4,344	136,334
April	452,863	17,823	8,957	4,683	127,544	4,311	134,115
May	471,279	29,198	9,121	4,978	131,488	4,529	140,400
June	451,104	26,958	8,586	4,448	120,632	4,304	136,013
July	454,637	26,171	9,258	4,636	126,924	4,460	134,510
August	457,279	18,896	8,834	4,594	129,164	4,546	139,914
September	363,707	28,491	8,664	4,750	124,152	4,435	134,805
October	433,764	21,816	8,868	5,040	129,640	4,610	138,167
November	431,629	12,013	8,602	5,044	116,404	4,465	134,583
December	448,896	29,193	9,184	5,182	113,991	4,520	130,592
Total	5,287,870	278,076	108,068	57,645	1,501,098	53,185	1,644,531
1999							
January	^R 459,044	^R 20,743	^R 9,152	^R 5,235	^R 129,321	^R 4,408	^R 135,369
February	^R 417,264	^R 8,426	^R 8,678	^R 4,768	^R 116,787	^R 3,931	^R 121,063
March	^R 462,267	^R 40,112	^R 9,933	^R 5,240	^R 128,657	^R 4,227	^R 133,865
April	^R 451,763	^R 22,574	^R 9,426	^R 4,889	^R 126,045	^R 4,299	^R 125,362
May	^R 457,608	^R 25,240	^R 9,708	^R 5,057	^R 125,612	^R 4,345	^R 128,071
June	^R 437,730	^R 25,084	^R 9,480	^R 4,666	^R 125,381	^R 4,333	^R 128,410
July	^R 455,946	^R 23,988	^R 9,542	^R 5,178	^R 127,971	^R 4,578	^R 134,140
August	^R 451,409	^R 19,154	^R 9,406	^R 5,123	^R 130,728	^R 4,542	^R 139,529
September	^R 429,403	^R 24,652	^R 9,198	^R 5,026	^R 124,664	^R 4,432	^R 126,716
October	^R 439,129	^R 13,540	^R 9,050	^R 5,305	^R 130,728	^R 4,613	^R 139,787
November	^R 422,311	^R 21,676	^R 8,608	^R 5,048	^R 127,749	^R 4,534	^R 130,810
December	^R 429,918	^R 32,175	^R 8,840	^R 5,629	^R 118,027	^R 4,622	^R 127,725
Total	^R5,313,794	^R277,364	^R111,021	^R61,163	^R1,511,671	^R52,862	^R1,570,847
2000							
January	460,309	22,664	8,241	5,883	119,673	4,596	^E 133,257
February	432,654	16,043	^E 7,636	5,344	120,198	4,114	^E 124,665
March	467,392	33,779	7,350	5,595	129,748	^E 4,288	^E 132,000
April	452,175	12,800	6,785	5,123	^E 126,357	4,270	^E 128,321
May	462,558	26,717	^E 8,366	3,220	^E 128,915	4,530	^E 134,196
June	458,181	^E 17,497	^E 8,241	^E 2,737	^E 121,776	4,316	^E 128,340
July	470,775	30,350	^E 8,383	^E 2,895	^E 125,869	4,503	^E 137,592
2000 YTD	3,204,044	^E159,851	^E55,002	^E30,796	^E872,537	^E30,618	^E918,371
1999 YTD	3,141,623	166,167	65,918	35,032	879,775	30,120	906,281
1998 YTD	3,152,594	167,667	63,916	33,035	887,746	30,610	966,469

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1994-2000

(Million Cubic Feet) — Continued

Year and Month	Oregon	Texas ^c	Utah	Wyoming	Other ^a States	U.S. Total
1994 Total	3,221	6,353,844	270,858	696,018	774,724	19,709,525
1995 Total	1,923	6,330,048	241,290	673,775	759,728	19,506,474
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						
January	90	550,623	21,826	66,238	64,219	1,719,267
February	79	497,583	21,758	59,825	56,464	1,520,246
March	96	548,845	23,656	64,659	60,395	1,699,925
April	92	531,219	23,513	61,338	57,355	1,640,161
May	92	545,368	24,967	65,642	57,484	1,705,500
June	90	522,691	23,968	59,655	55,586	1,634,073
July	95	536,998	23,036	63,534	58,630	1,665,937
August	94	542,707	23,681	63,228	56,789	1,677,936
September	90	507,526	21,554	63,059	56,609	1,527,103
October	83	529,662	23,830	65,994	61,915	1,649,698
November	85	509,919	23,045	64,618	57,038	1,590,505
December	80	495,612	22,507	63,523	62,259	1,615,203
Total	1,067	6,318,754	277,340	761,313	704,742	19,645,554
1999						
January	83	^R 526,872	23,467	^R 68,995	^R 73,022	^R 1,693,142
February	84	^R 482,797	21,141	^R 63,372	^R 64,209	^R 1,530,761
March	120	^R 528,147	23,878	^R 69,149	^R 67,861	^R 1,700,709
April	111	^R 509,507	22,076	^R 65,885	^R 64,148	^R 1,620,068
May	113	^R 526,194	22,771	^R 63,061	^R 65,032	^R 1,656,660
June	111	^R 504,194	21,828	^R 68,120	^R 63,027	^R 1,615,119
July	110	^R 524,016	21,707	^R 66,954	^R 64,718	^R 1,662,881
August	74	^R 513,844	21,493	^R 68,293	^R 63,445	^R 1,650,681
September	90	^R 499,047	19,725	^R 68,694	^R 64,276	^R 1,594,165
October	124	^R 517,242	21,610	^R 72,965	^R 70,415	^R 1,652,589
November	134	^R 495,575	21,364	^R 70,952	^R 68,512	^R 1,601,317
December	138	^R 490,218	21,554	^R 76,691	^R 71,915	^R 1,617,763
Total	1,291	^R 6,117,653	262,614	^R 823,132	^R 800,579	^R 19,595,854
2000						
January	120	534,692	21,995	60,415	^E 58,767	^E 1,643,936
February	101	497,914	20,513	69,756	^E 52,594	^E 1,550,683
March	102	540,947	21,897	74,361	^E 56,517	^E 1,679,646
April	95	518,945	21,241	60,883	^E 53,286	^{RE} 1,590,244
May	98	537,490	22,513	^E 62,704	^E 54,179	^{RE} 1,648,296
June	90	529,585	^R 21,508	^R 72,021	^E 51,575	^{RE} 1,613,160
July	86	535,212	22,747	61,386	^E 53,046	^E 1,653,671
2000 YTD	692	3,694,785	152,414	^E 461,525	^E 379,964	^E 11,379,635
1999 YTD	731	3,601,726	156,869	465,536	462,016	11,479,339
1998 YTD	634	3,733,328	162,724	440,891	410,132	11,585,109

^a Includes Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Pennsylvania, South Dakota, Tennessee, Virginia and West Virginia. The 2000 monthly values for these States are estimated.

^b For Alabama and Louisiana, all data for 1994 through 1999 include Federal Offshore production. For 2000, 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 1994 through 1999 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: 1994-1999: Energy Information Administration (EIA), *Natural Gas Annual 1999*. January 2000 through current month: Form EIA-895, "Monthly Quantity of Natural Gas Report," Minerals Management Service reports, and EIA computations.

**Table 8. Gross Withdrawals and Marketed Production of Natural Gas by State,
July 2000**

(Million Cubic Feet)

State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama	°32,099	°523	°32,622	°1,200	°1,848	°84	°29,489
Alaska	14,362	254,370	268,731	231,233	0	605	36,894
Arizona	32	0	32	0	0	0	32
California	7,742	26,961	34,703	3,335	164	80	31,124
Colorado	°52,674	°8,128	°60,802	°519	0	°65	°60,218
Florida	°0	°539	°539	0	°62	0	°477
Kansas	38,716	3,994	42,710	74	0	44	42,591
Louisiana	414,279	62,278	476,557	3,738	0	2,044	470,775
Michigan	24,701	6,175	30,876	218	0	309	30,350
Mississippi	°9,805	°484	°10,289	°588	°1,095	°223	°8,383
Montana	°2,550	°348	°2,898	°3	0	0	°2,895
New Mexico	°120,702	°18,687	°139,389	°848	°12,447	°226	°125,869
North Dakota	1,180	3,607	4,787	0	5	280	4,503
Oklahoma	°124,128	°13,464	°137,592	°0	°0	°0	°137,592
Oregon	104	0	104	4	15	0	86
Texas	474,551	114,827	589,379	38,141	13,546	2,480	535,212
Utah	20,433	3,167	23,600	51	0	802	22,747
Wyoming	94,668	4,930	99,598	12,067	13,064	13,081	61,386
Other States	°50,874	°2,800	°53,674	°84	°431	°112	°53,046
Total	°1,483,601	°525,283	°2,008,883	°292,103	°42,676	°20,434	°1,653,671

^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.

Sources: Form EIA-895, "Monthly Quantity of Natural Gas Report."

Table 9. Underground Natural Gas Storage - All Operators, 1994-2000

(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
1994 Total^a	4,360	2,606	6,966	284	12.2	2,796	2,508	-288
1995 Total^a	4,349	2,153	6,503	-453	-17.4	2,566	2,974	408
1996 Total^a	4,341	2,173	6,513	19	0.9	2,906	2,911	6
1997 Total^a	4,350	2,175	6,525	2	0.1	2,800	2,824	24
1998								
January	4,347	1,712	6,060	215	14.5	69	538	468
February	4,342	1,426	5,768	286	25.2	75	365	291
March	4,342	1,183	5,524	192	19.4	136	382	246
April	4,339	1,386	5,725	334	31.9	280	80	-200
May	4,341	1,774	6,114	407	29.9	433	42	-391
June	4,335	2,114	6,449	381	22.1	379	52	-327
July	4,378	2,428	6,806	409	20.4	371	54	-317
August	4,340	2,698	7,038	358	15.4	336	58	-278
September	4,341	2,928	7,269	253	9.6	298	74	-224
October	4,342	3,191	7,533	302	10.6	308	46	-262
November	4,344	3,155	7,499	453	16.9	137	168	31
December	4,326	2,730	7,056	554	25.5	83	519	436
Total	—	—	—	—	—	2,905	2,379	-526
1999								
January	^R 4,332	^R 2,073	^R 6,404	^R 361	^R 21.1	^R 58	^R 682	^R 624
February	^R 4,329	^R 1,746	^R 6,075	^R 319	^R 22.4	^R 63	^R 385	^R 321
March	^R 4,383	^R 1,406	^R 5,789	^R 223	^R 18.9	^R 87	^R 384	297
April	^R 4,381	^R 1,495	^R 5,876	^R 109	^R 7.9	^R 210	^R 120	^R 90
May	^R 4,371	^R 1,835	^R 6,206	^R 61	^R 3.4	^R 381	^R 45	^R -337
June	^R 4,370	^R 2,149	^R 6,519	^R 36	^R 1.7	^R 349	^R 42	^R -307
July	^R 4,370	^R 2,379	^R 6,749	^R 41	^R -2.0	^R 298	^R 81	^R -217
August	^R 4,368	^R 2,610	^R 6,978	^R 88	^R -3.3	^R 311	^R 90	^R -221
September	^R 4,369	^R 2,923	^R 7,292	^R -5	^R -0.2	^R 358	^R 43	^R -315
October	^R 4,370	^R 3,073	^R 7,443	^R -118	^R -3.7	^R 247	^R 92	^R -155
November	^R 4,380	^R 3,065	^R 7,445	^R -90	^R -2.8	^R 173	^R 205	^R 32
December	^R 4,383	^R 2,523	^R 6,906	^R -207	^R -7.6	^R 63	^R 606	^R 543
Total	—	—	—	—	—	^R2,598	^R2,772	^R174
2000								
January	4,363	1,725	6,088	-370	-17.6	48	829	780
February	4,371	1,300	5,672	-491	-27.4	78	532	454
March	4,364	1,150	5,514	-280	-19.6	132	294	162
April	4,363	1,184	5,547	-329	-21.8	181	145	-36
May	4,356	1,426	5,782	-420	-22.8	308	75	-232
June	4,355	1,706	6,061	-450	-20.9	339	67	-272
July	4,355	1,996	6,351	-394	-16.5	368	77	-290
August	4,355	2,190	6,544	-442	-16.8	296	102	-193
September	4,354	2,473	6,827	-450	-15.4	354	72	-282
October(STIFS)	^{RE} 4,354	^{RE} 2,718	^{RE} 7,072	^{RE} -356	^{RE} -11.6	NA	NA	^{RE} -245
November(STIFS)	^E 4,354	^E 2,425	^E 6,779	^E -641	^E -20.9	NA	NA	^E 293

^a Total as of December 31.^b Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1994 - 8,043; 1995 - 7,927; 1996 - 8,159; 1997 - 8,128; 1998 - 8,179; and 1999 - 8,229.^c Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.^R Revised Data.^E Estimated Data.^{RE} Revised Estimated Data.

NA Not Available.

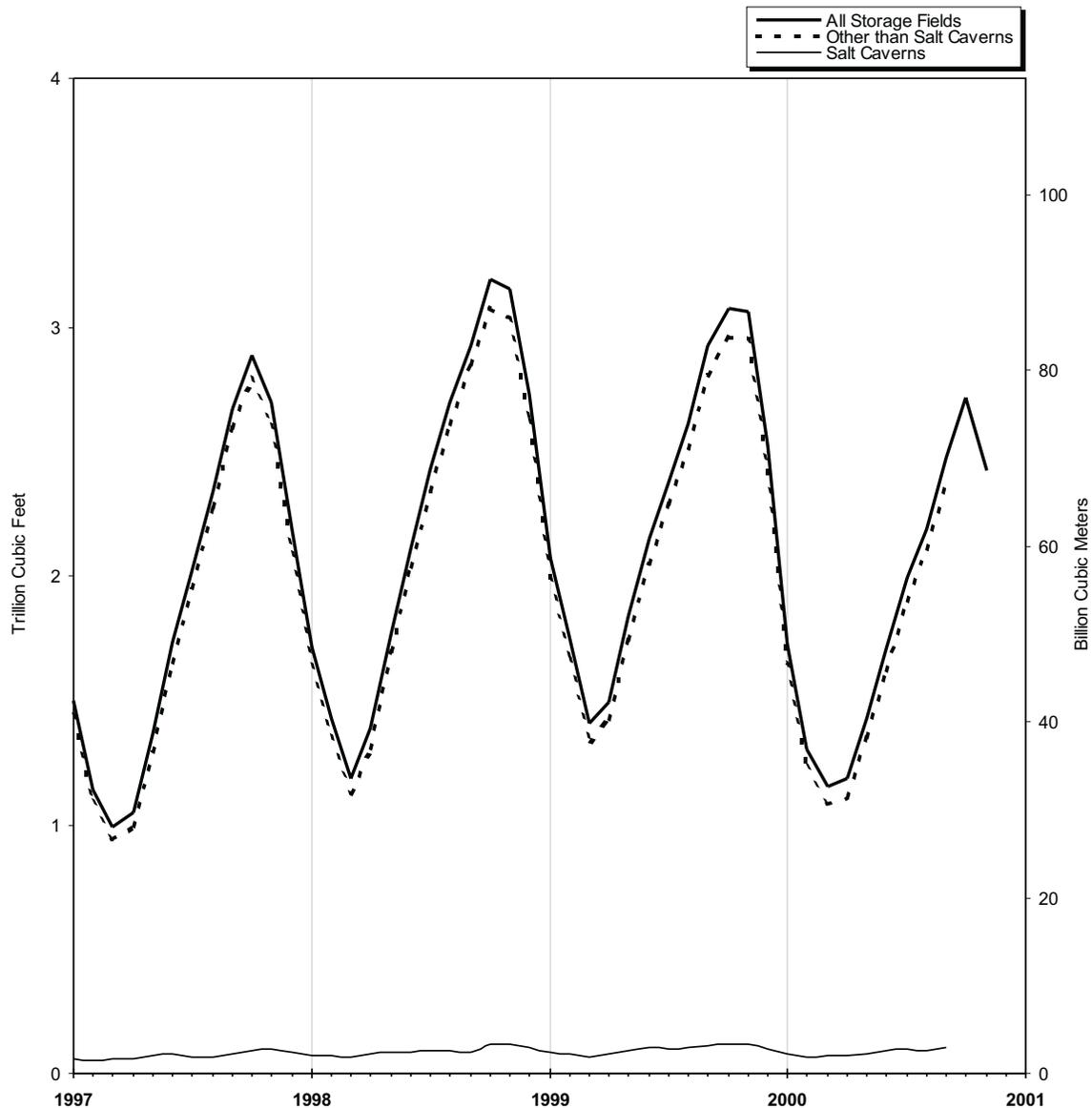
— Not Applicable.

Notes: Data for 1994 through 1999 are final. All other data are preliminary unless otherwise noted. Estimates for the most recent two months are derived from the Short-Term Integrated Forecasting System (STIFS). 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," Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and STIFS.

Figure 5

Figure 5. Working Gas in Underground Natural Gas Storage in the U.S., 1997-2000



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

Table 10. Underground Natural Gas Storage - by Season, 1998-2001
(Volumes in Billion Cubic Feet)

Table 10

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
March 1998	4,342	1,183	5,524	192	19.4	136	382	246
1998 Refill Season								
April	4,339	1,386	5,725	334	31.9	280	80	-200
May	4,341	1,774	6,114	407	29.9	433	42	-391
June	4,335	2,114	6,449	381	22.1	379	52	-327
July	4,378	2,428	6,806	409	20.4	371	54	-317
August	4,340	2,698	7,038	358	15.4	336	58	-278
September	4,341	2,928	7,269	253	9.6	298	74	-224
October	4,342	3,191	7,533	302	10.6	308	46	-262
Total	—	—	—	—	—	2,405	407	-1,998
1998-1999 Heating Season								
November	4,344	3,155	7,499	453	16.9	137	168	31
December	4,326	2,730	7,056	554	25.5	83	519	436
January	^R 4,332	^R 2,073	^R 6,404	^R 361	^R 21.1	^R 58	^R 682	^R 624
February	^R 4,329	^R 1,746	^R 6,075	^R 319	^R 22.4	^R 63	^R 385	^R 321
March	^R 4,383	^R 1,406	^R 5,789	^R 223	^R 18.9	^R 87	^R 384	297
Total	—	—	—	—	—	^R428	^R2,137	^R1,709
1999 Refill Season								
April	^R 4,381	^R 1,495	^R 5,876	^R 109	^R 7.9	^R 210	^R 120	^R -90
May	^R 4,371	^R 1,835	^R 6,206	^R 61	^R 3.4	^R 381	^R 45	-337
June	^R 4,370	^R 2,149	^R 6,519	^R 36	^R 1.7	^R 349	^R 42	^R -307
July	^R 4,370	^R 2,379	^R 6,749	^R -41	^R -2.0	^R 298	^R 81	^R -217
August	^R 4,368	^R 2,610	^R 6,978	^R -88	^R -3.3	^R 311	^R 90	^R -221
September	^R 4,369	^R 2,923	^R 7,292	^R -5	^R -0.2	^R 358	^R 43	^R -315
October	^R 4,370	^R 3,073	^R 7,443	^R -118	^R -3.7	^R 247	^R 92	^R -155
Total	—	—	—	—	—	^R2,154	^R511	^R-1,643
1999-2000 Heating Season								
November	^R 4,380	^R 3,065	^R 7,445	^R -90	^R -2.8	^R 173	^R 205	^R 32
December	^R 4,383	^R 2,523	^R 6,906	^R -207	^R -7.6	^R 63	^R 606	^R 543
January	4,363	1,725	6,088	-370	-17.6	48	829	780
February	4,371	1,300	5,672	-491	-27.4	78	532	454
March	4,364	1,150	5,514	-280	-19.6	132	294	162
Total	—	—	—	—	—	^R494	^R2,465	^R1,971
2000 Refill Season								
April	4,363	1,184	5,547	-329	-21.8	181	145	-36
May	4,356	1,426	5,782	-420	-22.8	308	75	-232
June	4,355	1,706	6,061	-450	-20.9	339	67	-272
July	4,355	1,996	6,351	-394	-16.5	368	77	-290
August	4,355	2,190	6,544	-442	-16.8	296	102	-193
September	4,354	2,473	6,827	-450	-15.4	354	72	-282
October(STIFS)	^{RE} 4,354	^{RE} 2,718	^{RE} 7,072	^{RE} -356	^{RE} -11.6	NA	NA	^{RE} -245
Total	—	—	—	—	—	NA	NA	^R-1,551
2000-2001 Heating Season								
November(STIFS)	^E 4,354	^E 2,425	^E 6,779	^E -641	^E -20.9	NA	NA	^E 293

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

^R Revised Data.

^E Estimated Data.

^{RE} Revised Estimated Data.

NA Not Available.

— Not Applicable.

Notes: Data through 1999 are final. All other data are preliminary unless otherwise noted. Estimates for the most recent two months are derived from the Short-Term Integrated Forecasting System (STIFS). 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," Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and STIFS.

Table 11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1994 - 2000
(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
1994 Total^a	44	70	113	—	—	142	123	-19
1995 Total^a	60	72	131	2	2.9	194	200	5
1996 Total^a	64	85	149	14	18.8	258	246	-13
1997 Total^a	67	83	150	-4	-3.0	267	274	6
1998								
January	67	69	136	10	21.6	18	31	13
February	66	69	135	18	39.1	18	21	3
March	68	64	131	8	13.8	23	29	6
April	68	80	149	22	38.7	30	12	-18
May	68	83	151	9	12.9	26	23	-3
June	66	83	149	3	4.1	21	23	2
July	66	91	157	25	38.0	26	18	-8
August	66	92	158	25	38.8	24	22	-2
September	67	83	151	5	7.4	24	33	9
October	67	116	183	22	24.4	45	12	-33
November	68	119	186	23	24.5	23	18	-5
December	67	104	171	21	26.0	18	33	15
Total	—	—	—	—	—	297	275	-22
1999								
January	^R 67	^R 82	^R 149	^R 13	^R 18.2	19	^R 39	^R 19
February	67	77	144	^R 8	^R 12.0	^R 16	^R 21	5
March	67	68	135	4	^R 6.6	18	26	8
April	67	^R 78	^R 145	-3	^R -3.2	^R 28	^R 19	-9
May	67	94	161	^R 12	^R 14.2	29	12	-17
June	65	102	167	19	^R 22.5	^R 22	^R 16	-6
July	65	^R 96	^R 161	^R 5	^R 5.5	16	^R 25	8
August	66	102	168	^R 10	^R 10.7	^R 23	^R 16	-8
September	^R 67	^R 112	179	^R 28	^R 34.0	^R 24	13	-10
October	67	^R 115	^R 182	-1	^R -0.6	^R 23	^R 21	^R -2
November	67	^R 116	^R 184	^R -2	^R -1.7	21	17	-4
December	^R 69	100	^R 169	-4	^R -4.0	^R 19	^R 35	^R 16
Total	—	—	—	—	—	^R260	^R259	^R-1
2000								
January	68	75	143	-9	-10.4	15	49	34
February	69	66	135	-11	-14.4	23	21	-2
March	69	69	139	2	2.4	24	20	-4
April	70	74	144	-3	-3.8	24	19	-5
May	70	77	147	-17	-17.9	27	24	-3
June	70	89	160	-13	-12.6	28	15	-12
July	72	97	168	3	2.7	30	21	-9
August	72	88	161	-14	-13.5	21	30	9
September	72	101	172	-11	-9.9	30	18	-12

^a Total as of December 31.

^R Revised Data.

— Not Applicable.

Notes: Data for 1994 through 1999 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, 1994-2000

(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
1994 Total^a	4,317	2,536	6,853	—	—	2,654	2,385	-269
1995 Total^a	4,290	2,082	6,371	-455	-17.9	2,372	2,774	403
1996 Total^a	4,277	2,087	6,364	6	0.3	2,647	2,665	18
1997 Total^a	4,283	2,092	6,375	4	0.2	2,533	2,551	18
1998								
January	4,281	1,643	5,923	203	14.2	51	507	456
February	4,276	1,357	5,633	267	24.5	57	344	287
March	4,274	1,119	5,393	184	19.8	113	353	240
April	4,271	1,306	5,576	312	31.5	250	68	-182
May	4,272	1,691	5,963	398	30.9	407	20	-387
June	4,269	2,030	6,300	378	23.0	358	29	-329
July	4,312	2,337	6,649	385	19.8	345	36	-309
August	4,274	2,606	6,880	332	14.7	312	37	-275
September	4,273	2,844	7,118	247	9.6	274	41	-233
October	4,275	3,076	7,350	280	10.1	263	34	-229
November	4,276	3,036	7,313	430	16.6	114	150	36
December	4,259	2,626	6,884	532	25.5	64	485	421
Total	—	—	—	—	—	2,608	2,103	-504
1999								
January	^R 4,264	^R 1,991	^R 6,255	^R 348	^R 21.2	^R 39	^R 643	^R 604
February	^R 4,262	^R 1,669	^R 5,931	^R 311	^R 22.9	47	^R 364	^R 317
March	^R 4,316	^R 1,338	^R 5,654	^R 219	^R 19.5	^R 69	^R 358	289
April	^R 4,314	^R 1,417	^R 5,731	^R 112	^R 8.6	^R 182	^R 101	-81
May	^R 4,305	^R 1,740	^R 6,045	^R 49	^R 2.9	^R 352	^R 32	^R -319
June	^R 4,305	^R 2,047	^R 6,352	^R 17	^R 0.8	^R 327	^R 26	^R -301
July	^R 4,305	^R 2,284	^R 6,588	^R -46	^R -2.3	^R 282	^R 56	^R -226
August	^R 4,302	^R 2,508	^R 6,810	^R -98	^R -3.8	^R 288	^R 74	^R -214
September	^R 4,302	^R 2,811	^R 7,114	^R -33	^R -1.2	^R 334	29	^R -305
October	^R 4,303	^R 2,958	^R 7,261	^R -117	^R -3.8	^R 224	^R 71	^R -153
November	^R 4,313	^R 2,949	^R 7,261	^R -88	^R -2.9	^R 151	^R 187	^R 36
December	^R 4,314	^R 2,423	^R 6,738	^R -202	^R -7.7	^R 44	^R 571	^R 527
Total	—	—	—	—	—	^R2,338	^R2,512	^R175
2000								
January	4,295	1,649	5,944	-361	-17.9	33	779	746
February	4,302	1,234	5,537	-480	-28.0	55	511	455
March	4,295	1,080	5,375	-282	-20.7	109	274	166
April	4,293	1,110	5,403	-326	-22.7	156	126	-30
May	4,285	1,349	5,635	-403	-23.0	280	51	-229
June	4,284	1,617	5,902	-437	-21.3	312	52	-260
July	4,284	1,899	6,183	-397	-17.3	338	56	-282
August	4,283	2,101	6,384	-428	-16.9	275	73	-202
September	4,283	2,372	6,655	-439	-15.6	324	54	-270

^a Total as of December 31.

^R Revised Data.

— Not Applicable.

Notes: Data for 1994 through 1999 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. Net Withdrawals from Underground Storage, by State, 1998-2000
(Volumes in Million Cubic Feet)

State	2000						
	September	August	July	June	May	April	March
Alabama	110	0	-82	-594	-90	66	-8
Arkansas	-268	-680	-649	-444	-698	-287	997
California	-1,265	19,352	445	-6,789	-10,967	-19,885	-3,144
Colorado	-2,199	-4,786	-4,625	-4,611	-751	1,382	6,707
Illinois	-31,497	-28,597	-28,764	-33,160	-13,295	13,190	8,776
Indiana	-3,365	-2,742	-2,234	-1,939	-258	1,350	2,031
Iowa	-12,835	-11,670	-10,921	-5,856	-4,399	1,706	5,207
Kansas	-16,291	-987	-9,930	-9,788	-6,106	2,275	11,548
Kentucky	-10,337	-6,477	-10,659	-6,185	-4,062	3,470	6,759
Louisiana	-15,935	-12,898	-23,151	-22,366	-4,878	9,828	19,976
Maryland	-44	-2,244	-2,002	-2,999	-2,480	-633	-65
Michigan	-46,403	-52,904	-49,908	-45,556	-48,446	-6,666	44,807
Minnesota	-266	-272	-343	-131	2	116	301
Mississippi	-4,631	-3,417	-5,252	-5,226	-4,057	527	-1,228
Missouri	-711	215	17	20	-25	103	-98
Montana	-957	-2,261	-2,039	-456	522	621	2,164
Nebraska	-764	225	-620	1,077	-78	-92	42
New Mexico	-50	1,041	800	-794	-469	-2,587	208
New York	-7,910	-7,494	-10,087	-9,999	-8,663	-2,854	6,360
Ohio	-23,629	-24,973	-33,090	-21,527	-28,909	-5,163	24,219
Oklahoma	-14,618	1,344	-2,413	-9,952	-9,562	-5,856	2,165
Oregon	0	-2,017	-2,209	-2,043	-869	783	1,766
Pennsylvania	-47,291	-32,838	-52,073	-42,668	-52,902	-7,196	11,168
Tennessee	0	0	0	0	0	18	63
Texas	-8,249	13,808	-1,272	-7,124	-2,892	-10,396	-9,237
Utah	-5,510	-6,540	-6,654	-5,712	-5,531	-4,447	3,012
Virginia	-201	-212	-214	-214	-278	-114	32
Washington	-2,835	909	-3,739	-3,660	-2,639	-893	1,485
West Virginia	-23,871	-25,345	-28,215	-22,374	-18,051	-4,487	14,440
Wyoming	-360	-897	-517	-1,168	-1,590	507	1,332
AGA Regions							
Producing	-60,041	-1,789	-41,867	-55,693	-28,663	-6,496	24,430
Eastern Consuming	-208,748	-195,056	-228,850	-191,974	-181,936	-7,304	123,733
Western Consuming	-13,394	3,486	-19,680	-24,570	-21,823	-21,815	13,622
Total	-282,183	-193,359	-290,397	-272,238	-232,422	-35,615	161,785

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 1998-2000

(Volumes in Million Cubic Feet) — Continued

State	2000		1999				
	February	January	Total	December	November	October	September
Alabama	-307	916	-164	189	-134	77	-402
Arkansas	1,228	1,722	233	1,276	423	-219	-237
California	21,871	27,322	^R 8,194	^R 24,198	^R -4,553	^R -4,598	^R -9,527
Colorado	3,627	6,198	^R -1,502	^R 5,058	^R -902	^R -2,450	^R -4,903
Illinois	34,403	59,032	^R -2,715	^R 42,415	^R 2,345	^R -31,518	^R -38,163
Indiana	1,448	7,049	^R -244	^R 4,419	^R -2,227	^R -3,862	^R -4,404
Iowa	11,385	21,126	^R 2,445	21,305	1,096	-10,941	-13,108
Kansas	9,643	25,461	^R 15,568	^R 22,458	^R 873	^R -1,078	^R -14,542
Kentucky	10,109	21,162	^R 2,725	^R 10,737	^R 2,295	^R -1,066	^R -9,932
Louisiana	38,771	52,444	^R 9,530	^R 39,997	^R 6,656	^R -11,735	^R -32,398
Maryland	3,384	5,481	^R -63	^R 1,420	^R 460	-3,376	-1,411
Michigan	80,436	162,410	^R 32,938	^R 105,683	^R 6,548	^R -24,215	^R -49,773
Minnesota	298	401	-253	147	-128	-175	-272
Mississippi	-595	11,377	^R 14,502	^R 9,530	^R -2,778	^R 1,041	^R -2,219
Missouri	-548	1,122	^R -567	^R 340	-174	-205	-408
Montana	3,191	4,177	^R 7,884	^R 2,618	^R 1,154	^R 493	^R -1,484
Nebraska	1,313	1,019	^R 473	^R 557	^R -252	^R -440	^R -1,645
New Mexico	1,034	1,032	^R -2,289	814	-1,202	^R -259	-2,232
New York	13,702	18,533	^R 7,825	^R 12,574	^R 1,488	^R -948	^R -5,728
Ohio	36,569	58,844	^R 16,019	^R 44,624	^R 8,737	^R -9,815	^R -25,793
Oklahoma	36,526	45,987	^R -6,703	^R 19,463	^R -2,807	^R -11,571	^R -15,615
Oregon	1,566	2,088	^R -589	^R 1,350	^R -593	0	^R -1,546
Pennsylvania	66,917	111,718	^R 23,197	^R 69,287	^R 4,253	^R -19,029	^R -41,496
Tennessee	63	175	^R -34	164	56	-57	-105
Texas	34,595	54,376	^R 5,985	^R 38,524	^R -652	^R -12,103	^R -10,456
Utah	7,585	10,093	9,193	12,584	957	-1,889	-4,860
Virginia	105	695	^R 92	^R 455	^R 181	^R -109	^R -414
Washington	2,566	7,755	^R -1,213	^R 1,577	^R -152	^R -1,462	^R -477
West Virginia	30,334	57,742	^R 34,622	^R 46,561	^R 10,665	^R -3,320	^R -20,427
Wyoming	2,373	2,935	^R -1,063	^R 2,359	^R 539	^R -307	-1,030
AGA Regions							
Producing	121,202	192,398	^R 36,826	^R 132,062	^R 515	^R -35,924	^R -77,700
Eastern Consuming	289,313	527,024	^R 116,549	^R 360,730	^R 35,337	^R -108,825	^R -213,208
Western Consuming	43,076	60,969	^R 20,650	^R 49,889	^R -3,678	^R -10,388	^R -24,100
Total	453,592	780,391	^R174,025	^R542,681	^R32,174	^R-155,137	^R-315,007

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 1998-2000

(Volumes in Million Cubic Feet) — Continued

State	1999					
	August	July	June	May	April	March
Alabama	-81	-235	-210	-471	-137	312
Arkansas	-901	-1,116	-1,086	-1,045	-667	690
California	^R 3,398	^R -10,930	^R -20,225	^R -26,494	^R -255	^R 10,391
Colorado	^R -5,456	^R -6,717	^R -5,545	^R -330	^R 8,833	^R 3,294
Illinois	^R -32,748	^R -25,990	^R -25,952	^R -25,941	^R 10,812	^R 26,392
Indiana	^R -2,939	^R -1,815	^R -1,755	^R -839	^R 915	^R 3,698
Iowa	^R -11,316	-10,783	-6,837	-4,596	86	5,170
Kansas	^R -9,853	^R -3,081	^R -17,117	^R -12,184	^R 5,000	^R 13,750
Kentucky	^R -1,223	^R -3,733	^R -9,995	^R -8,182	^R -2,234	^R 6,054
Louisiana	^R -3,887	^R -3,692	^R -20,249	^R -22,462	^R -15,120	^R 10,038
Maryland	^R -1,953	1,324	93	-2,551	^R -666	^R 1,210
Michigan	^R -56,778	^R -40,734	^R -50,367	^R -48,216	^R -28,170	^R 52,258
Minnesota	-250	-308	-172	0	214	167
Mississippi	^R -1,267	^R 927	^R -3,757	^R -5,165	^R -2,483	^R 6,806
Missouri	-64	6	6	-697	-27	^R 148
Montana	^R -2,544	^R -1,795	^R -1,786	^R -577	^R 1,303	^R 2,380
Nebraska	^R -949	^R 522	^R -651	^R -655	^R 1,266	^R 1,447
New Mexico	-841	-172	-443	-1,371	1,025	943
New York	^R -6,898	^R -5,916	^R -6,912	^R -9,939	-5,300	^R 10,065
Ohio	^R -28,634	^R -28,566	^R -28,724	^R -34,597	^R -5,265	^R 34,933
Oklahoma	^R 501	^R -979	^R -9,663	^R -13,960	^R -8,905	^R 8,272
Oregon	^R -1,316	^R -2,119	^R -2,018	^R 164	^R 718	^R 1,158
Pennsylvania	^R -35,101	^R -27,893	^R -36,043	^R -46,154	^R -24,531	^R 45,462
Tennessee	-104	-76	-107	-143	3	80
Texas	^R 9,511	^R -6,126	^R -21,731	^R -31,047	^R -14,800	^R 14,518
Utah	-4,582	-7,489	-5,915	-3,772	1,667	5,738
Virginia	-207	^R -211	^R -213	^R -271	^R -183	^R 318
Washington	^R -477	^R -3,748	^R -1,875	^R -875	^R 1,763	^R 934
West Virginia	^R -23,063	^R -23,750	^R -26,485	^R -32,055	^R -14,007	^R 30,268
Wyoming	-1,371	-2,294	^R -1,662	^R -2,133	^R -997	^R 348
AGA Regions						
Producing	^R -6,737	^R -14,239	^R -74,047	^R -87,235	^R -35,949	^R 55,017
Eastern Consuming	^R -202,059	^R -167,850	^R -194,151	^R -215,308	^R -67,439	^R 217,813
Western Consuming	^R -12,599	^R -35,399	^R -39,197	^R -34,017	^R 13,246	^R 24,411
Total	^R -221,395	^R -217,488	^R -307,395	^R -336,560	^R -90,142	^R 297,241

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 1998-2000

(Volumes in Million Cubic Feet) — Continued

State	1999		1998				
	February	January	Total	December	November	October	September
Alabama	114	813	-447	139	-1	-613	401
Arkansas	1,049	2,066	-1,774	1,245	63	-580	-817
California	^R 21,751	^R 25,038	-40,969	30,486	-14,022	-23,861	-5,931
Colorado	^R 3,659	^R 3,957	-5,072	7,324	-1,757	-2,045	-5,894
Illinois	^R 39,761	^R 55,871	-9,780	42,407	9,311	-30,361	-39,382
Indiana	^R 2,958	^R 5,608	-921	4,063	-2,296	-2,901	-4,532
Iowa	11,814	20,553	-2,954	20,920	-178	-7,251	-12,282
Kansas	^R 9,144	^R 22,198	-18,691	14,533	3,580	-8,545	-9,036
Kentucky	^R 7,798	^R 12,207	-11,700	10,352	1,731	-5,424	-4,214
Louisiana	^R 15,818	^R 46,564	-82,860	38,463	1,355	-36,341	-9,007
Maryland	^R 1,984	^R 3,403	-876	1,882	29	-1,312	-809
Michigan	^R 56,494	^R 110,210	-74,840	60,982	18,759	-27,000	-30,308
Minnesota	238	287	372	438	-84	-187	-275
Mississippi	^R 3,311	^R 10,556	-10,185	5,464	702	-10,304	268
Missouri	^R 342	^R 167	173	573	-204	-208	-414
Montana	^R 3,330	^R 4,792	-400	3,962	2,606	-1,532	-4,239
Nebraska	^R 500	^R 772	1,466	1,336	625	-308	-778
New Mexico	83	^R 1,365	-6,479	-619	-1,243	-1,903	-470
New York	^R 9,840	^R 15,499	-10,656	6,889	1,047	-4,424	-5,650
Ohio	^R 34,280	^R 54,840	-26,672	35,491	7,882	-12,789	-19,356
Oklahoma	^R -2,335	^R 30,896	-48,008	24,711	106	-19,358	-12,262
Oregon	^R 1,679	^R 1,934	-1,278	1,329	49	9	-1,141
Pennsylvania	^R 49,624	^R 84,818	-40,009	46,685	858	-20,516	-28,003
Tennessee	131	^R 124	-62	131	-2	-103	-102
Texas	^R 6	^R 40,340	-102,117	36,724	-2,512	-34,274	-4,692
Utah	6,185	10,569	676	6,533	2,087	-1,821	-3,970
Virginia	^R 440	^R 308	-510	371	47	-204	-244
Washington	^R 3,064	^R 514	-539	3,223	-732	718	-1,825
West Virginia	^R 36,277	^R 53,957	-28,267	27,238	3,983	-6,935	-16,431
Wyoming	^R 2,037	^R 3,448	-2,719	2,677	-590	-1,425	-2,614
AGA Regions							
Producing	^R 27,076	^R 153,986	-270,114	120,522	2,052	-111,305	-36,017
Eastern Consuming	^R 252,359	^R 419,150	-206,056	259,459	41,592	-120,349	-162,103
Western Consuming	^R 41,943	^R 50,539	-49,929	55,973	-12,444	-30,145	-25,888
Total	^R 321,378	^R 623,676	-526,099	435,953	31,200	-261,799	-224,007

^R Revised Data.

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 1999 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 American Gas Association (AGA) publishes weekly estimates of working gas levels in underground storage by

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

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

Table 14. Activities of Underground Natural Gas Storage Operators, by State, September 2000

(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	3,280	1,190	1,780	2,970	-131	-6.9	0	110
Arkansas	24,191	8,715	6,425	15,140	-2,317	-26.5	286	18
California	388,370	246,825	142,053	388,878	-40,549	-22.2	10,154	8,889
Colorado	99,600	48,255	35,373	83,628	-2,511	-6.6	4,102	1,903
Illinois	898,565	675,870	205,984	881,854	-338	-0.2	36,816	5,318
Indiana	113,210	73,873	29,606	103,480	17	0.1	3,388	23
Iowa	273,200	196,700	52,978	249,678	-1,632	-3.0	13,466	631
Kansas	301,102	179,138	71,681	250,819	-27,883	-28.0	17,372	1,080
Kentucky	219,908	109,759	87,614	197,373	-15,156	-14.7	10,459	122
Louisiana	564,062	271,645	158,648	430,293	-89,037	-35.9	24,295	8,360
Maryland	62,000	46,677	14,492	61,169	3,075	26.9	68	24
Michigan	1,071,699	467,638	474,762	942,400	-72,449	-13.2	52,651	6,248
Minnesota	7,000	4,623	2,078	6,701	52	2.5	266	0
Mississippi	134,012	76,856	50,182	127,038	4,938	10.9	7,002	2,371
Missouri	31,274	21,600	9,735	31,335	-57	-0.6	719	8
Montana	371,510	167,346	33,401	200,747	-9,274	-21.7	1,935	977
Nebraska	39,469	29,309	3,742	33,051	512	15.9	928	164
New Mexico	96,600	29,766	8,717	38,482	-466	-5.1	1,059	1,009
New York	175,129	96,214	71,003	167,217	1,998	2.9	8,606	696
Ohio	575,384	350,664	166,979	517,643	-14,576	-8.0	24,132	503
Oklahoma	394,827	209,389	94,330	303,718	-45,619	-32.6	18,416	3,799
Oregon	11,623	6,834	8,501	15,335	146	1.7	0	0
Pennsylvania	684,842	352,314	333,885	686,200	-12,140	-3.5	52,136	4,845
Tennessee	1,200	340	371	711	-377	-50.4	0	0
Texas	684,226	249,084	181,035	430,119	-95,092	-34.4	31,340	23,091
Utah	121,980	64,595	43,394	107,990	2,185	5.3	5,782	272
Virginia	4,669	2,134	2,223	4,357	-24	-1.1	339	139
Washington	37,300	19,000	17,632	36,632	567	3.3	3,443	607
West Virginia	733,158	287,141	144,381	431,522	-28,912	-16.7	24,297	426
Wyoming	105,869	60,782	20,069	80,851	-4,753	-19.1	438	78
AGA Regions								
Producing	2,199,020	1,024,592	571,017	1,595,609	-255,477	-30.9	99,769	39,728
Eastern Consuming	4,886,987	2,711,424	1,599,537	4,310,961	-140,191	-8.1	228,005	19,257
Western Consuming	1,143,251	618,261	302,502	920,762	-54,139	-15.2	26,120	12,727
Total	8,229,259	4,354,277	2,473,055	6,827,332	-449,807	-15.4	353,894	71,711

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. 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. The American Gas Association (AGA) publishes weekly estimates of working

gas levels in underground storage by region. AGA defines the Producing Region as Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, and Mississippi; the Eastern Consuming Region as all States east of the Mississippi River less Mississippi, plus Iowa, Nebraska and Missouri; the Western Consuming Region as 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, 1998-2000
(Million Cubic Feet)

State	YTD 2000	YTD 1999	YTD 1998	2000		
				August	July	June
Alabama	32,009	31,079	37,112	1,126	1,218	1,351
Alaska	9,837	10,748	9,412	618	474	645
Arizona	23,515	24,446	27,350	956	1,053	1,245
Arkansas	NA	27,803	29,002	NA	NA	NA
California	339,789	418,568	392,702	22,101	24,464	27,655
Colorado	NA	80,270	80,049	2,579	^R 3,032	^R 4,125
Connecticut	28,540	27,902	25,217	622	961	1,270
Delaware	7,005	6,723	5,883	187	246	294
District of Columbia	10,534	10,594	9,800	346	367	470
Florida	10,459	9,772	10,791	698	738	836
Georgia	NA	59,765	75,694	4,045	3,865	NA
Hawaii	367	361	371	39	44	45
Idaho	12,078	12,561	11,082	343	430	621
Illinois	277,361	294,177	269,927	10,584	9,555	12,058
Indiana	101,546	106,713	96,833	2,922	^R 2,935	^R 3,693
Iowa	45,352	49,901	47,578	1,410	1,551	1,611
Kansas	48,514	50,962	51,829	1,280	1,697	1,917
Kentucky	37,198	38,994	36,775	1,238	1,078	1,131
Louisiana	NA	32,573	36,381	NA	NA	1,798
Maine	NA	617	594	NA	NA	NA
Maryland	54,762	52,416	47,604	1,921	1,913	2,233
Massachusetts	NA	69,429	73,440	NA	NA	NA
Michigan	239,361	247,172	224,166	7,401	7,668	9,582
Minnesota	NA	79,196	71,619	2,774	2,875	3,369
Mississippi	NA	17,927	19,238	669	724	805
Missouri	73,246	83,709	82,825	2,706	2,475	2,178
Montana	11,982	12,882	12,429	381	470	590
Nebraska	28,274	29,790	30,649	774	897	977
Nevada	19,686	20,217	20,972	909	1,009	1,184
New Hampshire	NA	4,794	4,509	NA	249	293
New Jersey	NA	152,595	140,333	NA	NA	6,198
New Mexico	NA	21,899	23,013	983	NA	1,646
New York	NA	268,442	242,712	NA	NA	NA
North Carolina	42,658	39,286	38,800	1,030	1,025	1,510
North Dakota	NA	7,371	6,976	227	212	333
Ohio	215,014	219,817	200,427	6,712	7,200	7,670
Oklahoma	NA	47,185	51,572	NA	1,586	1,821
Oregon	26,515	27,513	23,471	806	1,003	1,537
Pennsylvania	NA	169,809	151,632	5,026	NA	NA
Rhode Island	17,277	12,503	12,088	451	482	715
South Carolina	19,461	18,555	19,839	468	494	576
South Dakota	7,736	8,313	8,039	243	248	333
Tennessee	NA	43,790	44,341	1,102	1,208	NA
Texas	NA	128,709	145,006	NA	NA	6,864
Utah	31,355	34,686	34,789	1,444	1,492	1,494
Vermont	2,060	1,878	1,737	62	70	110
Virginia	50,800	48,189	43,950	1,468	1,654	1,898
Washington	47,986	49,387	45,122	1,593	^R 1,971	^R 3,039
West Virginia	NA	22,648	20,975	536	521	749
Wisconsin	81,620	83,028	76,432	2,896	2,699	2,658
Wyoming	NA	8,439	8,769	NA	315	407
Total	3,243,067	3,326,102	3,181,857	121,828	^R130,751	^R151,213

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 1998-2000
(Million Cubic Feet) — Continued

State	2000					1999
	May	April	March	February	January	Total
Alabama	2,267	3,391	4,694	9,492	8,470	^R 42,647
Alaska	864	1,233	1,764	1,885	2,354	17,634
Arizona	1,596	2,814	4,430	4,618	6,804	^R 32,940
Arkansas	NA	NA	NA	NA	NA	^R 36,245
California	31,747	39,017	62,814	65,301	66,689	^R 568,496
Colorado	^R 6,365	NA	^R 13,648	^R 16,327	^R 18,989	^R 111,748
Connecticut	2,244	3,216	5,018	7,692	7,516	^R 38,364
Delaware	655	985	1,178	1,661	1,800	^R 8,862
District of Columbia	717	1,232	1,691	3,013	2,698	^R 14,147
Florida	973	1,140	1,631	2,360	2,084	^R 13,797
Georgia	4,803	8,727	11,080	17,688	26,740	^R 98,777
Hawaii	47	46	48	49	48	524
Idaho	892	1,663	2,210	2,602	3,317	^R 17,912
Illinois	15,622	35,416	45,616	63,987	84,522	^R 445,217
Indiana	6,240	12,785	^R 16,324	^R 25,796	30,851	^R 151,529
Iowa	2,658	5,392	7,679	10,990	14,061	^R 71,430
Kansas	3,099	5,994	8,529	12,303	13,693	^R 68,146
Kentucky	1,424	4,135	6,224	8,287	13,682	^R 59,220
Louisiana	1,986	3,693	4,355	7,622	8,400	^R 45,104
Maine	NA	89	123	133	202	^R 957
Maryland	3,313	6,430	8,673	14,316	15,964	^R 74,848
Massachusetts	NA	NA	NA	NA	NA	^R 105,709
Michigan	18,230	32,413	42,048	58,759	63,259	^R 350,735
Minnesota	4,940	9,700	12,806	NA	NA	^R 118,938
Mississippi	1,147	NA	2,481	4,931	5,121	^R 24,562
Missouri	4,816	9,181	12,838	17,895	21,157	^R 112,042
Montana	947	1,514	2,231	2,729	3,119	^R 19,676
Nebraska	1,426	4,515	5,735	6,728	7,223	^R 40,588
Nevada	1,568	2,027	3,711	3,861	^R 5,416	^R 28,772
New Hampshire	451	641	938	1,274	1,229	^R 6,613
New Jersey	11,007	17,683	25,174	37,760	37,980	^R 209,399
New Mexico	1,163	3,438	3,447	4,437	5,183	^R 35,548
New York	NA	NA	NA	NA	NA	^R 370,711
North Carolina	2,265	4,531	7,685	13,396	11,216	^R 52,853
North Dakota	502	929	1,323	1,698	NA	^R 10,573
Ohio	13,488	27,892	37,454	52,516	62,083	^R 318,214
Oklahoma	2,683	5,193	7,170	11,476	11,008	^R 61,611
Oregon	2,322	3,493	5,032	5,678	6,643	^R 38,564
Pennsylvania	NA	NA	29,809	NA	48,155	^R 241,468
Rhode Island	1,279	1,812	2,581	7,100	2,857	16,601
South Carolina	1,140	1,917	2,877	6,438	5,552	^R 25,669
South Dakota	573	1,059	1,360	1,772	2,149	11,766
Tennessee	2,544	4,625	6,488	12,515	14,395	^R 60,561
Texas	8,138	14,250	17,287	31,342	56,893	^R 175,907
Utah	1,809	2,967	6,792	7,038	8,319	55,474
Vermont	179	268	396	510	465	^R 2,565
Virginia	3,000	5,637	8,520	13,778	14,846	^R 69,189
Washington	^R 4,523	^R 6,483	^R 8,965	^R 10,074	^R 11,338	^R 71,704
West Virginia	1,902	2,496	NA	6,316	5,319	^R 31,403
Wisconsin	5,018	11,182	13,084	18,644	25,439	^R 127,607
Wyoming	658	1,227	1,441	1,666	1,661	^R 12,106
Total	^R225,805	^R394,994	^R550,548	^R775,760	^R892,167	^R4,725,672

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 1998-2000
(Million Cubic Feet) — Continued

State	1999					
	December	November	October	September	August	July
Alabama	R5,754	R3,069	R1,560	R1,185	R1,126	R1,259
Alaska	2,466	2,127	1,423	870	481	486
Arizona	R4,642	1,682	1,165	1,006	963	1,065
Arkansas	R5,037	R1,216	R1,264	R925	R951	998
California	R65,679	R34,488	R25,265	R24,496	R23,376	R25,727
Colorado	R14,763	R8,173	R5,565	R2,978	R2,750	R3,086
Connecticut	R4,810	R3,064	R1,522	R1,067	R858	R1,066
Delaware	R1,116	R576	278	169	168	R202
District of Columbia	R1,714	R1,029	R484	R326	315	R369
Florida	R1,572	R1,020	R731	R702	R702	R752
Georgia	R18,610	R10,635	R5,974	R3,794	R2,349	R2,216
Hawaii	42	36	44	41	41	45
Idaho	R2,514	R1,530	R869	R438	R360	R429
Illinois	R73,482	R38,571	R26,435	R12,552	R9,091	R9,971
Indiana	R22,735	R11,571	R7,273	R3,238	R2,766	R2,801
Iowa	R10,631	R5,602	R3,465	R1,830	R1,231	R1,823
Kansas	R9,040	R3,997	R2,658	R1,489	R1,617	R1,479
Kentucky	R10,790	R5,413	R2,631	R1,391	R1,181	R1,165
Louisiana	R5,940	R2,935	R1,958	R1,699	R1,679	R1,792
Maine	151	R93	69	27	25	R21
Maryland	R10,665	R6,268	R3,540	R1,960	R1,740	R1,905
Massachusetts	R16,601	R9,964	R5,925	R3,789	R3,327	R3,666
Michigan	R47,495	R29,784	R18,416	R7,868	R6,458	R6,936
Minnesota	R18,639	R10,624	7,112	3,367	R2,522	2,243
Mississippi	R3,314	R1,685	R903	R733	R705	R772
Missouri	R14,535	R6,882	R4,174	R2,743	R2,292	R2,552
Montana	R2,840	1,983	R1,335	R637	378	518
Nebraska	R5,137	R2,733	R2,128	R799	R1,120	R1,008
Nevada	R4,396	R1,998	R1,208	R953	R921	R940
New Hampshire	783	R549	R325	161	R141	R152
New Jersey	R22,890	R18,160	R10,322	R5,432	R4,800	R5,041
New Mexico	R6,263	R4,083	R2,280	R1,024	R801	R951
New York	R46,142	R28,487	R17,677	R9,962	R8,705	R9,890
North Carolina	R6,912	R3,942	R1,679	R1,034	R921	R1,062
North Dakota	R1,380	R869	R657	R296	R191	R225
Ohio	R46,532	R27,700	R17,303	R6,862	R6,037	R6,618
Oklahoma	R7,670	R3,185	R2,108	R1,463	R1,445	R1,659
Oregon	R5,391	R3,108	R1,617	R935	R824	R852
Pennsylvania	R34,106	R19,812	R12,407	R5,334	R4,817	R4,974
Rhode Island	1,736	1,227	691	445	399	448
South Carolina	R3,799	R2,093	R734	R487	448	R491
South Dakota	1,628	918	607	300	224	274
Tennessee	R8,802	R4,521	R1,909	R1,539	R1,167	R1,070
Texas	R22,736	R11,193	R7,143	R6,126	R5,569	R6,286
Utah	9,614	5,321	3,567	2,285	1,484	2,254
Vermont	R293	R212	R123	R58	R56	56
Virginia	R10,575	R5,985	R2,943	R1,497	R1,407	R1,521
Washington	R9,745	R6,596	R4,024	R1,953	R1,750	R1,958
West Virginia	R4,195	R2,541	R1,339	R681	R505	R527
Wisconsin	R21,737	R11,440	R7,969	R3,434	R2,815	R2,669
Wyoming	R1,568	R903	R717	R479	R231	R292
Total	R659,606	R371,595	R233,508	R134,861	R116,231	R126,561

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 1998-2000

(Million Cubic Feet) — Continued

State	1999					
	June	May	April	March	February	January
Alabama	R1,357	R1,873	R3,892	R6,393	R6,161	R9,018
Alaska	559	939	1,315	2,075	2,223	2,668
Arizona	R1,354	R2,108	R3,374	R3,735	R5,465	R6,382
Arkansas	1,030	R1,640	R3,730	R5,154	R5,257	R9,044
California	R32,960	R40,605	R62,128	R67,420	R77,994	R88,358
Colorado	R4,680	R9,579	R10,614	R13,479	R15,178	R20,903
Connecticut	R1,249	R2,004	R3,644	R5,814	R6,119	R7,147
Delaware	254	R498	R991	R1,577	R1,472	R1,562
District of Columbia	399	R688	R1,270	R2,326	R2,311	R2,916
Florida	R794	R911	R1,306	R1,674	R1,522	R2,110
Georgia	R1,677	R1,902	R5,469	R12,351	R14,967	R18,834
Hawaii	43	44	46	44	48	49
Idaho	R647	R1,247	R1,879	R2,263	R2,640	R3,097
Illinois	R11,128	R15,872	R31,267	R61,473	R61,494	R93,882
Indiana	R3,457	R5,908	R13,205	R23,341	R22,341	R32,894
Iowa	R1,595	R3,078	R5,533	R9,847	R10,639	R16,156
Kansas	R2,065	R3,420	R5,935	R9,832	R10,828	R15,785
Kentucky	R1,325	R1,792	R4,081	R9,196	R8,713	R11,542
Louisiana	R1,942	R2,304	R3,832	R5,547	R6,197	R9,279
Maine	26	40	76	131	133	165
Maryland	R2,182	R3,316	R6,158	R11,346	R11,037	R14,731
Massachusetts	R4,134	R6,524	R11,224	R17,960	R13,197	R9,396
Michigan	R10,455	R16,163	R31,738	R54,085	R52,327	R69,010
Minnesota	3,103	R4,966	R8,559	R15,312	R17,084	R25,407
Mississippi	R798	R1,040	R2,264	R3,458	R3,162	R5,727
Missouri	R3,084	R5,311	R9,675	R16,594	R17,979	R26,223
Montana	645	1,380	R1,895	2,114	R2,495	R3,458
Nebraska	R1,186	R2,361	R3,750	R5,753	R5,991	R8,622
Nevada	R1,233	R1,843	R2,704	R3,331	R4,309	R4,935
New Hampshire	R188	R367	672	991	1,036	1,246
New Jersey	R6,254	R10,520	R19,343	R32,578	R33,726	R40,333
New Mexico	R1,117	R1,642	R2,419	R4,413	R4,070	R6,485
New York	R14,898	R18,880	R35,080	R56,954	R57,425	R66,611
North Carolina	R1,312	R2,597	R5,325	R9,427	R7,462	R11,181
North Dakota	R259	R615	R965	R1,292	R1,538	R2,285
Ohio	R7,969	R12,575	R26,855	R51,346	R49,192	R59,224
Oklahoma	R1,925	R3,083	R6,234	R8,408	R9,456	R14,975
Oregon	R1,661	R2,796	R3,948	R5,125	R5,873	R6,435
Pennsylvania	R6,529	R11,281	R21,743	R37,573	R36,823	R46,069
Rhode Island	557	949	1,702	2,704	2,662	3,083
South Carolina	R569	R1,193	R2,223	R4,369	R3,583	R5,679
South Dakota	324	629	1,140	1,486	1,719	2,516
Tennessee	R1,428	R1,809	R4,777	R9,699	R8,993	R14,847
Texas	R7,070	R8,745	R15,422	R19,955	R23,810	R41,853
Utah	1,648	2,663	5,267	5,425	7,725	8,220
Vermont	77	R158	R282	R374	R384	R493
Virginia	R1,602	R2,726	R5,129	R11,382	R11,294	R13,127
Washington	R3,059	R4,654	R6,858	R8,964	R9,992	R12,151
West Virginia	R657	R1,398	R2,957	R5,443	R4,957	R6,202
Wisconsin	R3,265	R5,007	R9,040	R16,389	R16,977	R26,866
Wyoming	R506	R1,119	R1,254	R1,346	R1,708	R1,982
Total	R158,235	R234,764	R420,192	R669,270	R689,687	R911,162

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, 1998-2000
(Million Cubic Feet)

State	YTD 2000	YTD 1999	YTD 1998	2000		
				August	July	June
Alabama	17,221	18,442	19,235	1,038	1,097	1,202
Alaska	13,249	17,548	17,101	1,079	1,036	844
Arizona	22,239	21,856	22,410	1,894	1,988	2,144
Arkansas	NA	20,543	20,392	NA	NA	NA
California	158,375	176,936	177,881	17,134	16,242	15,268
Colorado	40,131	42,499	45,034	1,846	^R 2,064	^R 2,568
Connecticut	32,217	33,127	29,384	2,329	2,450	2,271
Delaware	3,736	4,581	4,089	186	196	229
District of Columbia	12,457	13,258	12,465	861	889	985
Florida	33,019	25,727	26,362	3,354	3,503	3,580
Georgia	NA	29,948	40,166	1,381	1,359	NA
Hawaii	1,184	1,169	1,180	141	146	151
Idaho	8,566	8,784	8,029	414	451	545
Illinois	124,496	127,547	116,382	6,730	6,291	6,371
Indiana	53,495	51,328	49,293	2,519	2,427	^R 2,740
Iowa	28,546	31,008	29,149	1,110	1,443	1,316
Kansas	47,625	28,238	31,266	3,966	4,017	3,903
Kentucky	24,408	24,406	21,862	1,074	1,089	1,181
Louisiana	NA	17,294	17,474	NA	^R 1,566	^R 1,659
Maine	NA	1,701	1,629	NA	NA	NA
Maryland	40,085	40,672	39,888	2,215	2,235	2,799
Massachusetts	NA	48,499	67,961	NA	NA	NA
Michigan	123,753	125,663	113,231	6,066	5,403	6,852
Minnesota	NA	58,618	52,724	3,029	2,944	2,934
Mississippi	14,749	13,904	15,289	945	981	992
Missouri	42,537	46,411	45,821	2,024	2,131	2,305
Montana	8,878	8,259	8,402	413	478	547
Nebraska	19,119	20,516	20,760	960	963	1,325
Nevada	16,951	15,501	16,478	1,455	1,787	1,628
New Hampshire	NA	5,068	4,794	NA	NA	NA
New Jersey	NA	118,654	99,317	NA	NA	8,210
New Mexico	18,008	18,267	18,508	1,132	1,299	1,965
New York	NA	243,494	235,267	NA	NA	35,054
North Carolina	28,981	26,858	26,479	1,553	1,531	1,900
North Dakota	NA	6,983	6,829	329	275	358
Ohio	122,615	117,553	108,105	5,291	5,372	5,712
Oklahoma	NA	29,064	32,294	NA	1,618	1,249
Oregon	19,453	20,357	17,373	1,012	1,079	1,416
Pennsylvania	NA	96,675	89,710	4,480	6,173	8,570
Rhode Island	9,221	8,375	8,009	452	448	548
South Carolina	14,564	14,110	14,149	1,101	1,111	1,168
South Dakota	6,448	6,780	6,414	254	287	334
Tennessee	NA	37,327	37,508	1,861	1,937	NA
Texas	NA	116,049	112,595	NA	NA	11,059
Utah	18,447	19,591	19,709	913	953	952
Vermont	1,842	1,647	2,013	82	81	102
Virginia	41,421	42,320	40,028	2,592	^R 2,411	^R 2,700
Washington	34,581	35,074	32,554	1,977	^R 2,154	^R 2,707
West Virginia	18,862	18,535	16,863	1,298	1,168	1,303
Wisconsin	52,107	54,135	53,425	2,525	2,177	2,395
Wyoming	NA	6,759	6,828	NA	641	^R 1,436
Total	2,242,080	2,117,658	2,060,108	159,417	^R160,876	^R165,043

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 1998-2000
(Million Cubic Feet) — Continued

State	2000					1999
	May	April	March	February	January	Total
Alabama	1,472	1,989	2,485	4,156	3,783	^R 27,586
Alaska	1,477	1,688	2,242	2,070	2,812	^R 27,667
Arizona	2,327	2,877	3,496	3,414	4,098	^R 31,369
Arkansas	NA	NA	NA	NA	NA	^R 27,898
California	17,080	19,106	23,659	23,459	26,427	^R 248,028
Colorado	^R 3,561	^R 5,941	^R 7,294	^R 8,184	^R 8,673	^R 59,355
Connecticut	3,341	3,783	5,601	7,072	5,370	^R 47,646
Delaware	354	502	453	874	942	^R 6,121
District of Columbia	1,347	1,717	2,045	2,274	2,340	^R 17,846
Florida	3,924	4,240	4,580	4,816	5,023	^R 36,351
Georgia	1,738	3,152	3,971	6,448	8,848	^R 43,593
Hawaii	148	146	150	149	153	1,749
Idaho	672	1,120	1,486	1,722	2,156	^R 12,656
Illinois	8,308	15,383	19,454	27,375	34,585	^R 188,567
Indiana	3,641	6,486	8,474	12,980	^R 14,227	^R 73,691
Iowa	2,561	3,336	4,411	6,245	8,123	^R 44,895
Kansas	4,409	5,658	7,180	8,706	9,786	^R 38,954
Kentucky	1,529	2,569	3,778	6,411	6,775	^R 35,801
Louisiana	^R 1,841	^R 2,249	^R 2,343	^R 3,428	^R 3,465	^R 24,556
Maine	NA	104	NA	341	522	^R 2,547
Maryland	3,752	5,006	6,603	8,382	9,093	^R 58,159
Massachusetts	NA	NA	NA	NA	NA	^R 65,137
Michigan	10,284	16,304	21,785	26,708	30,349	^R 179,383
Minnesota	4,057	7,529	9,700	12,925	NA	^R 88,078
Mississippi	1,296	^R 1,564	1,889	3,051	4,032	^R 20,209
Missouri	3,115	4,659	7,275	10,534	10,494	^R 63,107
Montana	773	1,124	1,540	1,850	2,152	^R 12,094
Nebraska	1,536	2,418	3,288	4,106	4,524	^R 27,586
Nevada	1,772	1,975	2,632	2,517	3,184	^R 22,747
New Hampshire	NA	728	NA	1,270	1,317	^R 7,214
New Jersey	7,078	18,072	26,757	34,181	31,016	^R 163,760
New Mexico	1,892	1,576	3,042	3,255	3,847	^R 27,271
New York	NA	NA	NA	NA	NA	^R 360,763
North Carolina	1,926	2,972	4,856	7,698	6,545	^R 38,019
North Dakota	517	1,069	1,191	1,541	NA	^R 10,026
Ohio	8,913	15,017	22,401	28,924	30,984	^R 167,974
Oklahoma	2,001	2,895	3,866	5,725	5,179	^R 39,739
Oregon	1,876	2,372	3,466	3,833	4,399	^R 28,562
Pennsylvania	NA	11,394	16,034	23,489	24,866	^R 143,296
Rhode Island	738	1,321	1,539	2,137	2,037	^R 11,815
South Carolina	1,356	1,644	2,047	3,190	2,948	^R 20,569
South Dakota	528	716	1,344	1,367	1,617	^R 9,567
Tennessee	2,515	3,885	4,643	8,850	10,255	^R 52,581
Texas	15,377	14,437	16,026	21,581	27,066	^R 171,715
Utah	1,237	1,990	3,890	3,901	4,611	^R 30,490
Vermont	161	227	337	428	425	^R 2,309
Virginia	^R 3,429	5,279	6,571	9,058	9,381	^R 61,542
Washington	^R 3,490	^R 4,718	^R 5,867	^R 6,617	^R 7,050	^R 50,846
West Virginia	1,760	2,192	3,372	3,862	3,907	^R 27,306
Wisconsin	3,675	6,681	8,525	11,346	14,784	^R 81,726
Wyoming	^R 1,465	^R 1,940	^R 2,407	^R 2,582	^R 2,413	^R 9,848
Total	^R203,492	^R267,177	^R372,322	^R441,035	^R472,721	^R3,050,313

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 1998-2000
(Million Cubic Feet) — Continued

State	1999					
	December	November	October	September	August	July
Alabama	R3,204	R2,395	R1,972	R1,568	R1,493	R1,500
Alaska	R3,427	R2,993	R2,181	R1,517	R1,309	R1,211
Arizona	R3,463	R2,307	R1,890	R1,784	R1,679	R1,879
Arkansas	R3,428	R1,614	R1,271	R1,041	R1,519	R1,302
California	R20,552	R17,441	R14,529	R15,242	R18,946	R15,908
Colorado	R6,894	R4,376	R3,303	R2,274	R2,304	R2,278
Connecticut	R5,312	R3,905	R2,651	R2,559	R2,457	R2,549
Delaware	R649	R396	R310	R183	R162	R185
District of Columbia	R1,510	R1,304	R899	R865	R844	R853
Florida	R3,140	R2,672	R2,305	R2,426	R2,269	R2,291
Georgia	R6,306	R3,754	R2,206	R1,367	R1,397	R1,395
Hawaii	147	145	144	144	140	144
Idaho	R1,672	R1,028	R675	R458	420	425
Illinois	R27,028	R15,092	R11,931	R6,920	R6,153	R6,187
Indiana	R9,995	R5,884	R3,958	R2,479	R2,123	R1,626
Iowa	R6,411	R3,276	R2,576	R1,625	1,246	R1,519
Kansas	R4,551	R2,395	R1,947	R1,820	R1,905	R1,628
Kentucky	R5,393	R2,938	R1,872	R1,190	R1,168	R1,012
Louisiana	R2,637	R1,773	R1,524	R1,321	R1,496	R1,431
Maine	353	R223	186	R84	R79	R77
Maryland	R6,770	R4,634	R3,361	R2,666	R2,498	R2,561
Massachusetts	R6,066	R4,814	R3,315	R2,443	R2,622	R2,243
Michigan	R23,091	R14,641	R9,794	R6,161	R5,339	R5,786
Minnesota	R12,775	R7,858	R5,682	R3,128	R2,704	R2,603
Mississippi	R2,463	R1,700	R1,086	R1,055	R1,071	R1,028
Missouri	R7,676	R3,894	R2,752	R2,368	R2,035	R3,013
Montana	R1,575	R1,100	R727	426	346	R422
Nebraska	R3,034	R1,798	R1,166	R1,071	R787	R1,080
Nevada	R2,700	R1,794	R1,425	R1,290	R1,268	R1,270
New Hampshire	901	R614	R403	R227	204	R196
New Jersey	R16,125	R13,873	R8,601	R6,507	R5,648	R6,320
New Mexico	R3,671	R2,291	R1,569	R1,306	R1,188	R1,070
New York	R38,075	R30,505	R25,633	R22,481	R23,356	R22,782
North Carolina	R4,405	R2,876	R2,074	R1,806	R1,554	R1,545
North Dakota	R1,276	R814	R622	R328	R252	R268
Ohio	R22,416	R14,296	R8,568	R4,740	R4,670	R4,649
Oklahoma	R4,267	R2,442	R1,989	R1,804	R1,715	R1,737
Oregon	R3,292	R2,269	R1,494	R1,098	R990	R1,134
Pennsylvania	R19,167	R13,322	R8,907	R5,184	R4,705	R4,397
Rhode Island	R1,017	R1,308	R650	R453	334	R480
South Carolina	R2,398	R1,682	R1,230	R1,148	R1,067	R1,120
South Dakota	R1,226	R735	R521	301	267	313
Tennessee	R5,891	R3,944	R2,926	R2,485	R2,187	R2,192
Texas	R20,487	R13,814	R11,172	R10,192	R11,863	R9,366
Utah	R4,919	R2,723	R1,872	1,257	R901	1,090
Vermont	R247	R200	R137	R77	R74	R63
Virginia	R7,710	R5,157	R3,633	R2,681	R2,733	R2,684
Washington	R6,272	R4,287	R3,246	R1,855	R1,817	R1,969
West Virginia	R3,383	R2,380	R1,803	R1,200	R1,296	R1,112
Wisconsin	R12,346	R7,079	R5,430	R2,699	R2,522	R2,269
Wyoming	R1,211	R803	R710	R351	R189	R338
Total	R362,928	R245,559	R180,828	R137,655	R137,312	R132,502

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 1998-2000
(Million Cubic Feet) — Continued

State	1999					
	June	May	April	March	February	January
Alabama	R1,511	R1,447	R2,155	R3,187	R3,104	R4,045
Alaska	R1,324	R1,756	R1,960	R3,197	R3,275	R3,517
Arizona	R2,148	R2,500	R3,001	R3,177	R3,591	R3,882
Arkansas	R1,267	R1,498	R2,514	R3,398	R3,515	R5,531
California	R16,109	R20,340	R21,207	R27,630	R26,277	R30,518
Colorado	R2,962	R4,911	R5,514	R6,732	R7,796	R10,003
Connecticut	R2,605	R3,221	R3,741	R5,855	R6,064	R6,634
Delaware	R220	R355	R646	R1,015	R957	R1,040
District of Columbia	R944	R1,253	R1,982	R2,339	R2,554	R2,490
Florida	R2,806	R2,974	R3,530	R4,037	R3,817	R4,003
Georgia	R1,549	R2,170	R3,186	R6,104	R6,336	R7,810
Hawaii	143	143	147	142	158	153
Idaho	520	852	R1,232	R1,531	R1,732	R2,074
Illinois	R5,978	R8,307	R14,121	R24,690	R26,369	R35,742
Indiana	R2,592	R3,106	R6,204	R10,105	R10,876	R14,696
Iowa	1,406	R1,768	R3,779	R6,211	R6,169	R8,909
Kansas	R1,427	R2,061	R3,144	R4,864	R5,447	R7,763
Kentucky	R1,216	R1,694	R2,575	R5,181	R5,011	R6,549
Louisiana	R1,500	R1,637	R2,159	R2,544	R2,801	R3,726
Maine	R82	R112	199	357	341	454
Maryland	R2,715	R3,382	R5,265	R7,865	R7,687	R8,700
Massachusetts	R5,006	R5,215	R9,484	R9,984	R7,931	R6,014
Michigan	R6,486	R9,356	R15,240	R26,313	R25,764	R31,380
Minnesota	R2,691	R4,012	R6,698	R11,070	R12,556	R16,284
Mississippi	R1,054	R1,215	R1,748	R2,243	R2,251	R3,294
Missouri	R2,427	R3,214	R5,187	R8,472	R9,630	R12,433
Montana	492	902	1,153	1,307	1,542	R2,095
Nebraska	R1,128	R1,617	R2,320	R3,504	R4,265	R5,817
Nevada	R1,421	R1,724	R1,998	R2,393	R2,505	R2,921
New Hampshire	221	R381	658	1,026	1,070	1,312
New Jersey	R6,643	R8,462	R15,095	R23,610	R24,936	R27,940
New Mexico	R1,226	R2,059	R2,282	R3,273	R3,410	R3,759
New York	R22,888	R22,256	R27,160	R42,820	R39,890	R42,342
North Carolina	R1,655	R2,167	R3,497	R5,456	R4,724	R6,259
North Dakota	R274	R607	R887	R1,222	R1,433	R2,038
Ohio	R5,476	R7,808	R15,192	R24,220	R26,734	R28,803
Oklahoma	R972	R2,311	R3,880	R4,695	R5,772	R7,982
Oregon	R1,470	R2,064	R2,714	R3,487	R3,919	R4,579
Pennsylvania	R5,083	R6,806	R12,823	R20,321	R20,101	R22,440
Rhode Island	R525	R649	R1,084	R1,729	R1,684	R1,890
South Carolina	R1,103	R1,337	R1,720	R2,549	R2,258	R2,955
South Dakota	R437	R492	R913	R1,148	R1,341	R1,870
Tennessee	R2,478	R2,509	R4,362	R6,600	R6,528	R10,473
Texas	R11,721	R9,739	R12,657	R19,282	R21,433	R19,987
Utah	R988	R1,856	R2,918	R3,066	R4,195	R4,577
Vermont	R87	R135	R218	R320	R308	R443
Virginia	R2,643	R3,336	R5,359	R7,845	R8,331	R9,389
Washington	R2,361	R3,352	R4,762	R5,971	R6,716	R8,127
West Virginia	R1,190	R1,488	R2,284	R3,667	R3,458	R4,039
Wisconsin	R2,381	R3,158	R6,376	R10,704	R11,113	R15,613
Wyoming	R475	R902	R1,000	R1,150	R1,220	R1,486
Total	R144,024	R176,618	R259,928	R389,602	R400,895	R476,777

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, 1998-2000
(Million Cubic Feet)

State	YTD 2000	YTD 1999	YTD 1998	2000		
				August	July	June
Alabama	119,297	134,956	136,177	0	15,230	16,075
Alaska	55,356	49,164	51,285	9,259	7,262	6,129
Arizona	16,651	18,538	18,581	2,086	2,240	2,122
Arkansas	NA	95,247	98,592	NA	NA	NA
California	868,328	677,521	522,719	154,946	133,321	122,049
Colorado	63,105	53,547	60,588	6,841	^R 6,807	^R 7,519
Connecticut	23,093	20,332	22,140	3,074	2,082	2,414
Delaware	17,591	13,406	10,736	1,568	1,691	2,072
District of Columbia	0	0	0	0	0	0
Florida	96,542	94,757	85,159	12,048	11,615	11,690
Georgia	NA	117,894	116,401	5,556	3,978	NA
Hawaii	360	301	0	42	46	46
Idaho ^a	21,369	22,311	23,446	2,220	2,357	2,532
Illinois	202,606	202,145	199,920	20,304	19,658	20,306
Indiana	209,416	210,525	190,165	23,643	22,262	22,958
Iowa	66,415	68,686	69,816	7,425	6,782	7,808
Kansas	83,214	68,960	75,643	13,398	12,270	10,660
Kentucky	62,590	61,582	61,804	6,737	6,438	6,704
Louisiana	706,101	579,154	609,833	107,977	82,213	78,026
Maine	NA	1,572	1,451	NA	NA	NA
Maryland	29,867	27,508	25,108	3,914	3,936	3,643
Massachusetts	NA	104,783	83,014	NA	NA	NA
Michigan	208,352	199,206	194,713	19,628	19,381	21,784
Minnesota	66,992	71,782	69,663	6,905	6,447	9,876
Mississippi	70,428	79,238	53,087	5,966	^R 7,709	^R 7,846
Missouri	46,673	40,819	44,487	5,530	5,023	5,373
Montana	14,264	15,734	13,952	1,136	1,210	1,498
Nebraska	28,240	31,650	39,388	2,902	5,701	3,569
Nevada	28,339	22,319	18,233	4,750	3,178	3,555
New Hampshire	NA	4,054	3,833	NA	NA	NA
New Jersey	NA	138,919	138,669	NA	NA	16,243
New Mexico	18,040	17,513	16,300	2,678	2,289	2,136
New York	NA	200,340	180,664	NA	25,917	26,934
North Carolina	79,257	71,265	72,057	8,796	8,298	8,644
North Dakota	10,289	12,002	14,052	1,228	578	1,960
Ohio	220,813	219,968	223,024	22,658	22,456	23,210
Oklahoma	NA	121,740	133,734	NA	12,240	14,692
Oregon	71,099	69,084	66,713	8,363	8,215	8,263
Pennsylvania	173,442	161,680	155,087	18,668	18,841	19,655
Rhode Island	31,010	37,391	27,767	2,276	^R 3,166	^R 2,866
South Carolina	67,601	66,964	67,452	7,992	7,562	7,262
South Dakota	3,880	3,382	3,745	735	561	497
Tennessee	NA	96,575	95,556	11,399	10,871	NA
Texas	NA	1,188,460	1,298,527	NA	NA	182,767
Utah	27,655	26,648	31,468	3,013	3,042	3,037
Vermont	2,564	1,825	1,389	310	321	331
Virginia	NA	65,830	60,425	6,795	8,866	8,988
Washington	87,676	74,753	88,524	13,817	^R 11,939	^R 6,808
West Virginia	27,974	29,375	34,114	3,451	3,069	3,290
Wisconsin	102,318	95,456	92,608	10,438	9,405	9,914
Wyoming	NA	23,207	37,405	NA	^R 1,529	^R 1,925
Total	6,181,858	5,810,065	5,739,215	798,228	^R745,453	^R758,769

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 1998-2000
(Million Cubic Feet) — Continued

State	2000					1999
	May	April	March	February	January	Total
Alabama	17,293	16,866	18,233	17,653	17,947	^R 204,263
Alaska	5,172	6,766	7,192	6,390	7,185	^R 74,224
Arizona	2,183	^R 1,690	2,173	2,076	2,081	^R 27,032
Arkansas	NA	NA	NA	NA	NA	^R 145,140
California	107,156	82,233	86,700	86,174	95,749	^R 1,109,359
Colorado	^R 7,470	^R 8,403	^R 8,225	^R 9,012	^R 8,828	^R 80,747
Connecticut	2,135	2,851	3,619	3,437	3,481	^R 32,039
Delaware	2,315	2,561	2,675	2,254	2,455	^R 21,075
District of Columbia	0	0	0	0	0	0
Florida	12,631	12,521	12,666	11,187	12,183	^R 140,740
Georgia	^R 4,310	3,678	4,028	4,494	4,600	^R 159,851
Hawaii	47	44	46	45	44	463
Idaho ^a	2,656	2,681	2,904	2,883	3,135	^R 33,846
Illinois	22,174	24,982	29,119	31,511	34,552	^R 306,110
Indiana	24,205	25,123	28,207	29,449	33,569	^R 319,890
Iowa	7,124	8,386	8,914	9,865	10,110	^R 101,940
Kansas	9,466	8,715	9,141	9,069	10,494	^R 97,469
Kentucky	6,870	8,372	8,359	9,248	9,863	^R 93,814
Louisiana	87,937	82,322	87,213	85,238	95,174	^R 875,878
Maine	NA	335	315	356	327	^R 2,550
Maryland	3,669	3,533	3,956	3,448	3,767	^R 42,190
Massachusetts	NA	NA	NA	NA	NA	^R 157,579
Michigan	25,697	28,316	31,364	30,858	31,324	^R 301,326
Minnesota	4,967	8,500	8,894	10,977	10,425	^R 104,187
Mississippi	^R 9,219	^R 9,977	^R 10,496	^R 10,107	^R 9,108	^R 120,201
Missouri	5,155	5,468	6,620	6,938	6,565	^R 64,856
Montana	1,460	2,040	2,223	2,555	2,142	^R 23,036
Nebraska	2,766	3,148	3,343	3,438	3,373	^R 45,750
Nevada	4,344	3,906	2,904	2,878	2,824	^R 34,075
New Hampshire	NA	446	NA	421	453	^R 5,912
New Jersey	17,237	16,281	16,889	18,009	18,181	^R 206,898
New Mexico	2,014	^R 2,131	^R 2,701	1,929	2,161	^R 26,430
New York	27,880	NA	NA	28,916	24,539	^R 296,358
North Carolina	9,567	9,329	11,298	10,971	12,354	^R 108,835
North Dakota	1,010	1,918	1,242	1,186	1,169	^R 17,561
Ohio	25,314	28,145	30,732	32,879	35,417	^R 330,931
Oklahoma	11,224	11,736	11,505	12,730	12,894	^R 177,811
Oregon	8,195	9,181	9,176	9,451	10,256	^R 107,984
Pennsylvania	^R 18,868	22,194	25,628	25,178	24,411	^R 240,622
Rhode Island	^R 3,489	^R 4,147	^R 4,005	^R 4,993	^R 6,068	^R 55,517
South Carolina	8,814	9,128	9,720	8,630	8,493	^R 102,681
South Dakota	341	391	410	474	471	^R 5,043
Tennessee	10,777	11,641	11,373	12,515	11,982	^R 144,639
Texas	184,646	174,529	136,980	164,715	121,072	^R 1,952,400
Utah	3,657	3,614	3,861	3,661	3,771	^R 40,859
Vermont	303	353	350	357	240	^R 2,901
Virginia	7,353	NA	7,136	9,755	7,257	^R 101,368
Washington	^R 10,201	^R 9,417	^R 11,412	^R 11,367	^R 12,715	^R 126,799
West Virginia	3,498	3,484	2,884	4,016	4,282	^R 44,857
Wisconsin	10,637	13,077	14,675	16,048	18,124	^R 146,428
Wyoming	^R 3,243	^R 3,878	^R 3,431	^R 3,966	^R 3,775	^R 38,475
Total	^R766,567	^R761,841	^R767,171	^R797,751	^R786,078	^R9,000,936

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 1998-2000
(Million Cubic Feet) — Continued

State	1999					
	December	November	October	September	August	July
Alabama	R18,145	R17,486	R17,306	R16,369	R16,836	R16,613
Alaska	R6,892	R6,851	R6,597	R4,720	R4,766	R6,906
Arizona	R2,328	R2,060	R1,944	R2,163	R2,337	R2,405
Arkansas	R13,359	R12,449	R12,318	R11,766	R12,364	R10,938
California	R88,595	R100,462	R126,462	R116,319	R112,762	R106,641
Colorado	R7,483	R7,422	R5,609	R6,686	R7,095	R6,518
Connecticut	R3,562	R3,190	R2,668	R2,286	R2,319	R2,252
Delaware	R2,289	R1,768	R1,860	R1,752	R1,377	R1,423
District of Columbia	0	0	0	0	0	0
Florida	R11,568	R11,406	R12,052	R10,958	R12,557	R12,219
Georgia	R13,605	R9,383	R8,662	R10,307	R7,383	R9,348
Hawaii	42	42	39	39	41	40
Idaho ^a	R3,034	R2,822	R2,942	R2,736	R2,174	R2,451
Illinois	R31,246	R26,662	R24,469	R21,587	R21,315	R21,224
Indiana	R30,943	R26,729	R27,481	R24,211	R23,515	R23,414
Iowa	R8,824	R8,702	R8,225	R7,503	R7,342	R7,115
Kansas	R8,512	R6,304	R6,757	R7,936	R10,909	R9,566
Kentucky	R8,881	R8,346	R8,005	R7,002	R6,739	R6,449
Louisiana	R78,766	R74,101	R75,316	R68,542	R71,058	R72,645
Maine	281	R214	279	203	210	191
Maryland	R4,157	R3,485	R3,688	R3,352	R3,546	R3,353
Massachusetts	R15,463	R12,796	R11,722	R12,815	R13,848	R13,291
Michigan	R30,250	R29,053	R22,804	R20,012	R19,390	R20,937
Minnesota	R9,692	R7,866	R7,781	R7,065	R9,142	R7,595
Mississippi	R11,166	R10,477	R10,156	R9,164	R9,181	R9,403
Missouri	R7,635	R6,558	R5,076	R4,768	R4,895	R4,828
Montana	R2,321	R2,034	R1,645	R1,302	R1,323	R1,290
Nebraska	R2,770	R2,740	R4,048	R4,540	R4,507	R6,275
Nevada	R3,276	R2,719	R2,894	R2,867	R2,814	R2,569
New Hampshire	413	376	R589	R480	R497	R470
New Jersey	R18,483	R17,039	R16,828	R15,629	R12,124	R15,714
New Mexico	R3,290	R2,049	R1,742	R1,836	R2,235	R2,110
New York	R24,949	R24,765	R22,822	R23,482	R26,782	R24,756
North Carolina	R11,910	R9,429	R7,922	R8,309	R9,414	R8,979
North Dakota	R1,418	R1,504	R1,316	R1,321	R1,152	R1,171
Ohio	R31,093	R28,540	R26,956	R24,373	R23,720	R22,812
Oklahoma	R13,570	R13,834	R12,916	R15,752	R14,202	R14,507
Oregon	R10,596	R10,610	R9,399	R8,295	R8,567	R8,001
Pennsylvania	R22,267	R20,355	R18,547	R17,773	R18,510	R18,160
Rhode Island	R5,183	R4,712	R4,285	R3,945	R4,260	R4,715
South Carolina	R9,398	R9,250	R8,979	R8,089	R7,940	R7,798
South Dakota	R443	R446	466	R306	437	419
Tennessee	R11,169	R11,191	R12,449	R13,255	R10,998	R12,447
Texas	R201,874	R183,878	R178,431	R199,757	R177,095	R132,753
Utah	R3,844	R3,615	R3,569	R3,182	R3,171	R3,191
Vermont	R337	R281	R269	R188	R180	R178
Virginia	R15,247	R6,036	R5,951	R8,304	R11,052	R10,412
Washington	R14,480	R11,950	R14,843	R10,774	R10,106	R9,052
West Virginia	R4,370	R3,842	R3,763	R3,508	R3,675	R3,419
Wisconsin	R15,881	R12,576	R12,327	R10,188	R9,485	R9,062
Wyoming	R3,536	R4,173	R2,990	R4,570	R2,941	R3,125
Total	R848,837	R784,578	R785,169	R772,288	R750,291	R701,149

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 1998-2000

(Million Cubic Feet) — Continued

State	1999					
	June	May	April	March	February	January
Alabama	R15,815	R15,861	R16,970	R19,179	R16,381	R17,301
Alaska	R5,901	R6,294	R6,220	R6,692	R5,783	R6,601
Arizona	R1,959	R2,393	R2,548	R2,239	R2,294	R2,363
Arkansas	R11,792	R11,386	R11,686	R12,534	R11,512	R13,036
California	R84,352	R79,127	R72,281	R62,565	R80,380	R79,412
Colorado	R6,012	R6,642	R8,355	R6,657	R7,336	R4,932
Connecticut	R2,038	R2,427	R2,497	R2,792	R2,950	R3,057
Delaware	R1,441	R1,771	R1,746	R1,923	R1,854	R1,871
District of Columbia	0	0	0	0	0	0
Florida	R11,499	R11,727	R12,377	R12,656	R10,523	R11,199
Georgia	R11,799	R11,917	R12,827	R22,345	R20,743	R21,532
Hawaii	43	35	38	39	33	32
Idaho ^a	R2,529	R2,887	R3,169	R3,216	R3,082	R2,803
Illinois	R20,823	R21,043	R25,348	R29,478	R29,227	R33,688
Indiana	R23,285	R23,740	R25,939	R30,832	R27,414	R32,386
Iowa	R6,903	R8,234	R8,481	R9,462	R9,446	R11,701
Kansas	R7,776	R7,537	R7,943	R8,223	R7,502	R9,505
Kentucky	R6,553	R7,143	R7,669	R9,363	R8,261	R9,405
Louisiana	R72,553	R73,478	R71,764	R74,345	R66,866	R76,443
Maine	R191	207	R165	R192	R138	R278
Maryland	R2,911	R3,212	R3,285	R4,494	R3,569	R3,138
Massachusetts	R11,393	R12,331	R13,982	R14,097	R12,931	R12,911
Michigan	R21,376	R23,826	R25,926	R29,455	R28,052	R30,245
Minnesota	R7,437	R7,409	8,485	R9,714	R11,154	R10,847
Mississippi	R9,540	R10,033	R9,987	R11,057	R9,462	R10,574
Missouri	R4,883	R4,713	R5,492	R5,228	R3,984	R6,797
Montana	R1,690	R1,963	R2,115	R2,168	R2,548	R2,636
Nebraska	R3,027	R2,823	R3,343	R3,408	R3,602	R4,665
Nevada	R2,640	R2,885	R2,703	R2,885	R2,737	R3,085
New Hampshire	R471	523	578	505	484	526
New Jersey	R15,851	R16,288	R18,427	R20,082	R19,579	R20,855
New Mexico	R2,254	R2,230	R2,297	R2,147	R2,178	R2,062
New York	R20,114	R26,776	R24,085	R26,706	R25,285	R25,837
North Carolina	R8,390	R8,284	R8,198	R9,999	R8,766	R9,234
North Dakota	R1,282	R1,380	R1,498	R2,064	R1,902	R1,554
Ohio	R23,079	R24,848	R28,408	R32,234	R31,576	R33,290
Oklahoma	R15,461	R14,105	R16,405	R14,628	R16,020	R16,411
Oregon	R7,854	R8,209	R8,915	R9,560	R8,586	R9,392
Pennsylvania	R17,754	R18,322	R20,556	R23,567	R22,762	R22,048
Rhode Island	R4,867	R5,420	R5,089	R3,273	R4,570	R5,198
South Carolina	R7,716	R8,152	R8,494	R9,610	R8,244	R9,010
South Dakota	R283	347	R447	R440	R464	R546
Tennessee	R10,846	R11,652	R11,784	R12,539	R12,518	R13,790
Texas	R144,748	R145,081	R143,072	R139,288	R146,577	R159,845
Utah	R2,339	R3,412	R3,799	R3,708	R3,339	R3,689
Vermont	R161	R197	R250	R310	R322	R227
Virginia	R8,658	R7,818	R8,428	R7,558	R6,443	R5,461
Washington	R7,541	R8,311	R9,897	R9,714	R9,222	R10,910
West Virginia	R3,303	R3,513	R3,558	R4,022	R3,739	R4,146
Wisconsin	R9,128	R9,933	R11,875	R14,566	R14,211	R17,196
Wyoming	R2,377	R2,398	R3,149	R3,517	R2,677	R3,022
Total	R672,639	R690,245	R712,548	R747,274	R739,226	R796,693

^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, 1998-2000
(Million Cubic Feet)

State	YTD 2000	YTD 1999	YTD 1998	2000		
				August	July	June
Alabama	24,826	16,930	19,003	7,432	6,270	4,342
Alaska	22,912	19,455	18,565	2,831	2,806	2,707
Arizona	54,859	33,149	21,244	14,115	11,503	8,942
Arkansas	28,702	31,355	31,571	5,043	4,640	3,984
California	85,943	105,921	176,162	17,694	15,331	13,769
Colorado	20,914	14,121	6,601	4,289	3,724	2,826
Connecticut	4,783	8,401	8,773	598	598	598
Delaware	4,302	16,121	6,768	27	17	1,127
District of Columbia	0	0	0	0	0	0
Florida	232,032	203,571	189,776	32,200	32,241	28,450
Georgia	18,633	17,277	17,683	5,019	6,027	3,623
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	2,925	34,691	45,893	711	728	374
Indiana	3,696	6,799	7,341	999	696	240
Iowa	3,429	3,961	4,380	959	619	321
Kansas	25,715	31,022	25,409	8,834	5,948	2,143
Kentucky	2,859	4,453	4,290	464	307	416
Louisiana	208,056	232,480	218,201	40,304	34,832	29,545
Maine	0	0	0	0	0	0
Maryland	15,761	13,202	8,819	3,031	2,149	4,184
Massachusetts	2,691	6,461	14,880	538	298	364
Michigan	30,255	37,286	32,359	5,482	2,636	4,174
Minnesota	4,312	5,877	5,308	1,376	830	645
Mississippi	70,684	72,718	55,538	11,721	11,426	9,800
Missouri	23,408	16,725	11,704	8,265	4,512	2,472
Montana	153	250	334	55	32	19
Nebraska	3,810	4,034	3,795	1,496	910	470
Nevada	49,090	42,428	38,735	9,609	7,704	7,460
New Hampshire	780	254	124	0	0	0
New Jersey	16,696	26,001	25,578	2,619	2,686	4,151
New Mexico	29,103	24,256	27,422	4,911	4,568	3,211
New York	74,503	135,413	152,984	8,745	13,136	11,296
North Carolina	8,406	9,786	10,085	2,271	1,827	2,500
North Dakota	0	0	0	0	0	0
Ohio	5,597	9,613	5,538	1,237	605	628
Oklahoma	120,489	127,631	116,940	26,706	22,195	14,792
Oregon	23,174	10,271	13,970	4,417	4,787	3,057
Pennsylvania	2,277	8,660	5,654	382	213	262
Rhode Island	0	0	15,589	0	0	0
South Carolina	2,633	4,811	4,763	650	548	719
South Dakota	2,183	2,261	2,060	809	566	420
Tennessee	1,752	3,224	4,163	184	414	235
Texas	894,808	864,948	870,898	162,320	155,147	124,051
Utah	6,790	3,941	3,434	1,308	1,172	1,344
Vermont	649	151	162	160	130	167
Virginia	14,132	19,070	14,247	2,076	1,832	1,681
Washington	15,583	1,665	4,907	5,162	3,991	3,662
West Virginia	250	237	264	45	26	61
Wisconsin	8,805	11,479	12,500	1,787	1,219	669
Wyoming	989	127	239	263	317	355
Total	2,174,350	2,242,490	2,264,654	409,144	372,162	306,255

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Utility^a Consumers, by State, 1998-2000
(Million Cubic Feet) — Continued

State	2000					1999
	May	April	March	February	January	Total
Alabama	3,697	1,398	237	434	1,017	^R 20,918
Alaska	2,834	2,681	2,904	2,782	3,367	^R 30,529
Arizona	6,878	3,960	2,670	3,126	3,665	^R 50,875
Arkansas	3,892	3,253	3,810	3,374	706	^R 40,088
California	9,891	5,470	8,102	7,506	8,180	^R 144,655
Colorado	2,685	1,176	2,021	2,227	1,968	^R 19,155
Connecticut	598	598	598	597	597	^R 13,095
Delaware	1,304	485	315	381	646	^R 19,878
District of Columbia	0	0	0	0	0	0
Florida	31,538	27,815	29,230	24,232	26,327	^R 319,274
Georgia	3,438	240	153	67	65	^R 20,537
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	506	229	82	78	218	^R 40,716
Indiana	480	298	158	310	514	^R 7,655
Iowa	571	236	215	232	275	^R 5,249
Kansas	2,691	2,052	1,150	1,465	1,432	^R 35,889
Kentucky	765	116	107	161	523	^R 5,590
Louisiana	28,267	19,328	20,829	14,276	20,676	^R 320,328
Maine	0	0	0	0	0	0
Maryland	2,596	1,963	1,062	259	517	^R 16,399
Massachusetts	475	455	304	160	98	^R 8,141
Michigan	4,703	3,213	2,554	3,418	4,073	^R 51,122
Minnesota	461	280	209	190	320	^R 6,595
Mississippi	10,438	6,023	5,942	6,190	9,144	^R 101,623
Missouri	2,881	1,515	1,045	1,232	1,484	^R 19,427
Montana	8	0	8	5	25	289
Nebraska	462	175	73	113	111	^R 4,555
Nevada	5,828	4,780	4,700	3,848	5,162	^R 65,105
New Hampshire	2	187	413	57	121	572
New Jersey	3,324	1,969	963	533	450	^R 32,650
New Mexico	3,542	3,381	3,539	3,027	2,923	^R 35,581
New York	10,594	9,049	9,157	6,938	5,589	^R 181,823
North Carolina	1,607	27	37	54	83	^R 10,584
North Dakota	0	0	0	0	0	0
Ohio	1,144	610	667	253	454	^R 11,105
Oklahoma	16,320	14,108	10,675	6,783	8,911	^R 169,845
Oregon	1,641	562	2,610	2,942	3,157	^R 23,292
Pennsylvania	285	270	268	221	375	^R 10,376
Rhode Island	0	0	0	0	0	0
South Carolina	571	68	27	15	35	^R 5,118
South Dakota	209	27	56	15	82	^R 2,527
Tennessee	484	9	18	117	291	^R 3,460
Texas	134,690	92,994	86,800	65,922	72,884	^R 1,207,293
Utah	908	712	645	327	375	^R 6,478
Vermont	88	62	14	23	5	^R 250
Virginia	1,923	1,497	1,947	1,327	1,850	^R 23,457
Washington	2,290	80	1	69	329	^R 6,693
West Virginia	14	24	33	32	15	^R 385
Wisconsin	1,754	837	707	1,088	743	^R 14,077
Wyoming	14	6	9	13	11	167
Total	309,290	214,217	207,068	166,419	189,794	3,113,420

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Utility^a Consumers, by State, 1998-2000
(Million Cubic Feet) — Continued

Table 18

State	1999					
	December	November	October	September	August	July
Alabama	R675	R890	557	R1,867	R5,668	R4,720
Alaska	R3,388	R2,838	R2,633	R2,216	R2,276	R2,545
Arizona	3,284	3,338	R6,404	4,701	R6,664	R6,134
Arkansas	R1,983	R2,045	R1,590	R3,115	R7,965	R7,128
California	R7,162	R7,491	R14,572	R9,509	R12,194	R11,691
Colorado	1,165	R1,111	R1,824	934	R3,334	2,527
Connecticut	R548	R1,162	R1,322	R1,663	R2,039	R3,004
Delaware	498	337	1,352	1,570	3,289	R3,804
District of Columbia	0	0	0	0	0	0
Florida	R24,985	R25,438	R30,914	R34,366	R34,313	R33,893
Georgia	174	R457	R693	R1,936	R6,492	R4,356
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	828	R1,838	R1,618	R1,741	R3,916	R11,012
Indiana	245	157	142	312	R1,237	R2,687
Iowa	241	R314	304	R430	688	R1,547
Kansas	R1,051	R738	R1,128	R1,950	R7,995	R8,418
Kentucky	223	R263	188	R464	R1,154	R1,808
Louisiana	R17,336	R16,696	21,366	R32,450	R42,938	R38,329
Maine	0	0	0	0	0	0
Maryland	409	346	R1,340	R1,102	R2,816	R5,844
Massachusetts	107	396	R360	R817	685	R1,488
Michigan	R3,069	R3,198	3,869	R3,700	R4,609	R7,574
Minnesota	149	R254	106	208	868	R2,071
Mississippi	R8,923	R5,721	R6,732	R7,528	14,254	R14,102
Missouri	R581	451	R521	R1,149	R5,351	R5,746
Montana	10	14	7	8	28	112
Nebraska	49	R102	134	R236	R742	R1,839
Nevada	R6,050	R4,561	R5,620	R6,447	R6,654	R6,818
New Hampshire	134	22	0	161	98	67
New Jersey	R1,067	R1,107	R1,281	R3,194	R6,191	R11,553
New Mexico	R2,682	R2,185	R3,055	R3,402	R4,633	R3,945
New York	9,010	R11,263	R12,001	R14,136	R19,777	R26,269
North Carolina	17	50	104	R627	R3,579	R4,274
North Dakota	0	0	0	0	0	0
Ohio	R426	179	345	R542	R1,536	R3,241
Oklahoma	R9,307	R8,189	R10,788	R13,930	26,713	R24,842
Oregon	R2,383	R2,966	R4,555	R3,117	R2,008	R1,573
Pennsylvania	R429	265	454	R568	R1,896	R3,246
Rhode Island	0	0	0	0	0	0
South Carolina	48	77	17	R166	R1,855	R2,296
South Dakota	94	23	69	79	425	646
Tennessee	29	32	0	R175	R1,217	R1,210
Texas	R64,472	R63,481	R96,710	R117,682	R177,899	R152,607
Utah	524	398	R1,120	R494	680	754
Vermont	3	3	1	91	133	0
Virginia	1,106	928	R652	1,701	R3,353	R4,063
Washington	258	R467	R3,029	R1,274	434	51
West Virginia	42	37	46	23	17	25
Wisconsin	688	R573	475	862	1,775	R4,038
Wyoming	15	10	8	7	5	8
Total	R175,868	R172,410	R240,005	R282,646	R432,394	R433,905

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Utility^a Consumers, by State, 1998-2000
(Million Cubic Feet) — Continued

State	1999					
	June	May	April	March	February	January
Alabama	R1,943	R1,294	R1,253	R930	R557	R565
Alaska	R2,200	R2,305	R2,298	R2,520	R2,555	R2,756
Arizona	R5,296	4,293	4,500	2,023	R1,802	R2,437
Arkansas	R5,635	R4,011	R2,599	R2,052	R1,396	569
California	R9,160	R8,646	R15,405	R16,749	R15,685	R16,391
Colorado	2,119	R1,793	R1,917	886	651	894
Connecticut	R1,803	R1,316	84	124	1	29
Delaware	2,537	R2,059	676	R1,697	R922	R1,138
District of Columbia	0	0	0	0	0	0
Florida	R29,613	R29,635	R28,315	R19,051	R13,253	R15,498
Georgia	R1,729	R1,381	R3,062	R222	20	16
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	R4,863	R2,700	R5,381	R2,943	R1,386	R2,490
Indiana	R1,195	249	411	339	151	528
Iowa	R619	266	334	181	187	139
Kansas	R3,501	R2,769	R3,700	R2,428	R1,038	R1,172
Kentucky	481	201	R189	131	81	406
Louisiana	R34,792	R29,654	R25,380	R21,889	R17,769	R21,729
Maine	0	0	0	0	0	0
Maryland	R1,819	R476	R1,378	288	R139	443
Massachusetts	1,621	R1,431	697	381	47	110
Michigan	R5,194	R5,212	R4,048	R3,895	3,090	3,664
Minnesota	788	R713	475	477	164	319
Mississippi	9,852	R9,544	R10,121	R4,325	R4,735	R5,787
Missouri	R1,995	R638	R1,677	327	365	R625
Montana	R33	6	9	4	5	54
Nebraska	R725	R196	335	115	43	39
Nevada	R5,842	R5,657	R4,828	R4,293	3,737	R4,599
New Hampshire	25	16	0	16	0	32
New Jersey	R3,450	R2,080	R661	R690	347	R1,028
New Mexico	R2,731	2,037	R3,131	R2,828	2,357	2,596
New York	R22,549	R23,209	R14,151	R12,885	R8,485	R8,088
North Carolina	R1,241	147	R475	R29	4	38
North Dakota	0	0	0	0	0	0
Ohio	R1,436	712	R1,119	R942	324	302
Oklahoma	R18,379	R13,894	R13,166	R12,491	R7,560	R10,588
Oregon	R877	R2,037	R1,072	220	945	R1,539
Pennsylvania	R2,079	467	R286	317	106	R263
Rhode Island	0	0	0	0	0	0
South Carolina	390	76	R110	49	21	14
South Dakota	214	215	280	233	122	125
Tennessee	R597	58	142	0	0	0
Texas	R127,699	104,517	R97,362	R81,954	R56,218	R66,691
Utah	691	192	395	454	392	384
Vermont	2	1	2	6	2	5
Virginia	1,888	2,235	1,818	2,103	1,937	1,674
Washington	39	R561	R504	6	41	29
West Virginia	32	48	29	35	24	27
Wisconsin	R1,897	R1,435	555	570	654	553
Wyoming	68	6	4	13	14	9
Total	R321,639	R270,391	R254,334	R204,113	R149,330	R176,384

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

^R Revised Data.

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-759, "Monthly Power Plant Report."

Table 19. Natural Gas Deliveries to All Consumers, by State, 1998-2000
(Million Cubic Feet)

State	YTD 2000	YTD 1999	YTD 1998	2000		
				August	July	June
Alabama	193,354	201,407	211,526	9,596	23,816	22,970
Alaska	101,353	96,915	96,364	13,787	11,579	10,325
Arizona	117,264	97,989	89,585	19,050	16,784	14,452
Arkansas	NA	174,948	179,557	NA	^R 14,941	^R 15,351
California	1,452,435	1,378,946	1,269,466	211,875	189,357	178,742
Colorado	197,934	190,437	192,273	15,555	^R 15,627	^R 17,038
Connecticut	88,632	89,762	85,514	6,623	6,092	6,554
Delaware	32,634	40,831	27,475	1,969	2,150	3,722
District of Columbia	22,991	23,852	22,265	1,207	1,256	1,455
Florida	372,053	333,827	312,089	48,301	48,098	44,555
Georgia	NA	224,883	249,943	16,001	15,229	NA
Hawaii	1,910	1,831	1,552	221	235	242
Idaho	42,012	43,657	42,557	2,977	3,239	3,698
Illinois	607,388	658,561	632,122	38,330	36,231	39,109
Indiana	NA	375,365	343,633	30,082	NA	^R 29,631
Iowa	143,742	153,555	150,923	10,904	10,395	11,057
Kansas	205,068	179,183	184,147	27,479	23,933	18,624
Kentucky	127,054	129,434	124,730	9,513	8,912	9,432
Louisiana	NA	861,500	881,888	NA	NA	^R 111,028
Maine	NA	3,890	3,674	NA	NA	NA
Maryland	140,475	133,798	121,418	11,081	10,233	12,858
Massachusetts	NA	229,171	239,295	NA	NA	NA
Michigan	601,721	609,327	564,469	38,576	35,088	42,393
Minnesota	NA	215,474	199,314	14,084	13,097	16,824
Mississippi	173,516	183,787	143,152	19,301	^R 20,841	^R 19,443
Missouri	185,864	187,664	184,837	18,526	14,142	12,329
Montana	35,276	37,125	35,118	1,986	2,190	2,655
Nebraska	79,443	85,991	94,593	6,131	8,471	6,341
Nevada	114,066	100,465	94,417	16,723	13,678	13,828
New Hampshire	NA	14,170	13,260	NA	NA	NA
New Jersey	NA	436,169	403,897	NA	^R 37,445	34,803
New Mexico	NA	81,935	85,244	9,705	NA	8,958
New York	NA	847,690	811,627	NA	NA	NA
North Carolina	159,302	147,194	147,421	13,649	12,682	14,554
North Dakota	NA	26,355	27,857	1,784	1,065	2,651
Ohio	564,039	566,951	537,093	35,898	35,633	37,221
Oklahoma	NA	325,619	334,540	NA	37,638	32,554
Oregon	140,241	127,226	121,527	14,597	15,085	14,273
Pennsylvania	NA	436,824	402,084	28,555	NA	NA
Rhode Island	57,508	58,269	63,453	3,179	^R 4,096	^R 4,129
South Carolina	104,258	104,440	106,203	10,210	9,715	9,724
South Dakota	20,248	20,737	20,258	2,042	1,661	1,585
Tennessee	NA	180,916	181,568	14,547	14,429	NA
Texas	NA	2,298,165	2,427,026	NA	NA	324,741
Utah	84,247	84,866	89,400	6,677	6,659	6,827
Vermont	7,116	5,502	5,302	613	602	710
Virginia	NA	175,409	158,650	12,931	^R 14,762	^R 15,266
Washington	185,826	160,878	171,108	22,549	^R 20,055	^R 16,216
West Virginia	NA	70,794	72,215	5,330	4,785	5,403
Wisconsin	244,850	244,098	234,965	17,646	15,500	15,635
Wyoming	NA	38,533	53,241	NA	^R 2,802	^R 4,123
Total	13,841,354	13,496,314	13,245,834	1,488,617	^R1,409,242	^R1,381,280

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 1998-2000

(Million Cubic Feet) — Continued

State	2000					1999
	May	April	March	February	January	Total
Alabama	24,728	23,644	25,649	31,734	31,217	^R 295,414
Alaska	10,346	12,369	14,102	13,127	15,718	^R 150,054
Arizona	12,984	^R 11,342	12,768	13,235	16,648	^R 142,216
Arkansas	^R 17,049	^R 19,058	^R 23,785	^R 27,033	^R 25,460	^R 249,371
California	165,873	145,827	181,275	182,440	197,045	^R 2,070,537
Colorado	^R 20,081	^R 24,238	^R 31,189	^R 35,750	^R 38,458	^R 271,006
Connecticut	8,318	10,447	14,836	18,799	16,965	^R 131,143
Delaware	4,628	4,533	4,621	5,170	5,842	^R 55,936
District of Columbia	2,064	2,948	3,735	5,287	5,038	^R 31,993
Florida	49,065	45,716	48,108	42,595	45,615	^R 510,162
Georgia	^R 14,289	15,798	19,232	28,697	40,252	^R 322,758
Hawaii	243	235	245	243	246	2,735
Idaho	4,220	5,464	6,600	7,207	8,608	^R 64,414
Illinois	46,610	76,010	94,271	122,950	153,877	^R 980,610
Indiana	34,567	44,692	53,163	68,535	NA	^R 552,765
Iowa	12,914	17,350	21,220	27,333	32,569	^R 223,514
Kansas	19,666	22,418	26,001	31,543	35,405	^R 240,458
Kentucky	10,588	15,191	18,467	24,107	30,843	^R 194,425
Louisiana	^R 120,032	^R 107,592	^R 114,740	^R 110,564	^R 127,715	^R 1,265,867
Maine	NA	529	NA	830	1,052	^R 6,054
Maryland	13,329	16,931	20,295	26,406	29,341	^R 191,596
Massachusetts	NA	NA	NA	NA	NA	^R 336,565
Michigan	58,915	80,247	97,752	119,744	129,006	^R 882,566
Minnesota	14,425	26,009	31,609	NA	NA	^R 317,798
Mississippi	^R 22,100	^R 19,341	^R 20,807	^R 24,279	^R 27,405	^R 266,595
Missouri	15,968	20,823	27,777	36,598	39,700	^R 259,431
Montana	3,188	4,678	6,002	7,139	7,438	^R 55,095
Nebraska	6,189	10,256	12,440	14,385	15,230	^R 118,478
Nevada	13,512	12,688	13,948	13,104	16,586	^R 150,698
New Hampshire	NA	2,002	NA	3,022	3,120	^R 20,310
New Jersey	38,646	54,005	69,783	90,483	87,626	^R 612,707
New Mexico	8,611	^R 10,526	12,729	12,649	14,114	^R 124,829
New York	NA	NA	NA	NA	NA	^R 1,209,656
North Carolina	15,365	16,859	23,876	32,119	30,199	^R 210,291
North Dakota	2,029	3,916	3,756	4,425	NA	^R 38,160
Ohio	48,858	71,664	91,255	114,573	128,938	^R 828,223
Oklahoma	32,227	33,932	33,217	36,714	37,991	^R 449,005
Oregon	14,034	15,608	20,283	21,905	24,455	^R 198,402
Pennsylvania	NA	NA	71,739	NA	97,807	^R 635,761
Rhode Island	^R 5,507	^R 7,280	^R 8,125	^R 14,229	^R 10,963	^R 83,933
South Carolina	11,881	12,757	14,670	18,272	17,028	^R 154,036
South Dakota	1,651	2,192	3,170	3,628	4,319	^R 28,903
Tennessee	16,319	20,160	22,522	33,997	36,923	^R 261,242
Texas	342,851	296,210	257,093	283,560	277,915	^R 3,507,315
Utah	7,611	9,283	15,188	14,926	17,075	^R 133,301
Vermont	732	909	1,097	1,319	1,134	^R 8,024
Virginia	^R 15,705	NA	24,173	33,919	33,334	^R 255,556
Washington	^R 20,505	^R 20,697	^R 26,245	^R 28,127	^R 31,433	^R 256,042
West Virginia	7,174	8,196	NA	14,226	13,523	^R 103,951
Wisconsin	21,085	31,778	36,991	47,126	59,090	^R 369,839
Wyoming	^R 5,379	^R 7,050	^R 7,288	^R 8,227	^R 7,861	^R 60,596
Total	^R1,505,154	^R1,638,229	^R1,897,108	^R2,180,966	^R2,340,760	^R19,890,341

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 1998-2000

(Million Cubic Feet) — Continued

State	1999					
	December	November	October	September	August	July
Alabama	R27,778	R23,841	R21,395	R20,989	R25,122	R24,091
Alaska	R16,172	R14,810	R12,834	R9,323	R8,832	R11,148
Arizona	R13,717	R9,387	R11,402	R9,654	R11,644	R11,483
Arkansas	R23,807	R17,325	R16,443	R16,847	R22,799	R20,365
California	R181,988	R159,881	R180,829	R165,567	R167,278	R159,967
Colorado	R30,305	R21,081	R16,301	R12,872	R15,484	R14,409
Connecticut	R14,232	R11,320	R8,163	R7,574	R7,673	R8,871
Delaware	R4,552	R3,077	R3,801	R3,675	R4,997	R5,614
District of Columbia	R3,224	R2,334	R1,383	R1,191	R1,158	R1,222
Florida	R41,265	R40,536	R46,001	R48,452	R49,841	R49,156
Georgia	R38,695	R24,229	R17,535	R17,404	R17,622	R17,315
Hawaii	230	223	228	224	222	229
Idaho	R7,221	R5,381	R4,487	R3,632	R2,954	R3,304
Illinois	R132,586	R82,163	R64,453	R42,800	R40,474	R48,394
Indiana	R63,918	R44,341	R38,853	R30,240	R29,641	R30,528
Iowa	R26,107	R17,894	R14,570	R11,388	R10,507	R12,004
Kansas	R23,154	R13,434	R11,490	R13,195	R22,427	R21,090
Kentucky	R25,286	R16,959	R12,696	R10,047	R10,241	R10,434
Louisiana	R104,679	R95,505	R100,164	R104,011	R117,171	R114,197
Maine	785	R531	535	R314	R314	R289
Maryland	R22,001	R14,733	R11,929	R9,080	R10,600	R13,663
Massachusetts	R38,237	R27,970	R21,322	R19,864	R20,482	R20,688
Michigan	R103,906	R76,676	R54,883	R37,742	R35,797	R41,232
Minnesota	R41,255	R26,602	R20,682	R13,769	R15,237	R14,512
Mississippi	R25,866	R19,583	R18,877	R18,481	R25,211	R25,306
Missouri	R30,427	R17,785	R12,521	R11,027	R14,573	R16,140
Montana	R6,746	R5,132	R3,713	R2,373	R2,076	R2,341
Nebraska	R10,991	R7,373	R7,476	R6,646	R7,156	R10,201
Nevada	R16,423	R11,071	R11,146	R11,556	R11,658	R11,597
New Hampshire	2,231	R1,561	R1,317	R1,030	R940	R885
New Jersey	R58,566	R50,178	R37,033	R30,762	R28,763	R38,628
New Mexico	R15,906	R10,607	R8,646	R7,567	R8,857	R8,075
New York	R118,176	R95,020	R78,133	R70,061	R78,620	R83,697
North Carolina	R23,244	R16,297	R11,780	R11,776	R15,468	R15,861
North Dakota	R4,075	R3,186	R2,595	R1,945	R1,595	R1,664
Ohio	R100,467	R70,716	R53,172	R36,517	R35,963	R37,321
Oklahoma	R34,813	R27,650	R27,800	R32,949	R44,075	R42,745
Oregon	R21,662	R18,954	R17,065	R13,444	R12,389	R11,560
Pennsylvania	R75,969	R53,754	R40,316	R28,858	R29,928	R30,778
Rhode Island	R7,937	R7,247	R5,627	R4,843	R4,992	R5,643
South Carolina	R15,644	R13,101	R10,959	R9,890	R11,310	R11,705
South Dakota	R3,392	2,122	1,663	986	R1,354	1,652
Tennessee	R25,892	R19,688	R17,283	R17,453	R15,569	R16,918
Texas	R309,568	R272,367	R293,456	R333,757	R372,426	R301,012
Utah	R18,902	R12,057	R10,128	R7,219	R6,236	R7,288
Vermont	R882	R696	R530	R414	R443	R297
Virginia	R34,638	R18,106	R13,179	R14,183	R18,546	R18,679
Washington	R30,755	R23,300	R25,142	R15,855	R14,107	R13,031
West Virginia	R11,989	R8,800	R6,950	R5,412	R5,493	R5,083
Wisconsin	R50,652	R31,668	R26,200	R17,184	R16,597	R18,038
Wyoming	R6,329	R5,889	R4,425	R5,408	R3,366	R3,764
Total	R2,047,240	R1,574,142	R1,439,510	R1,327,450	R1,436,227	R1,394,116

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 1998-2000

(Million Cubic Feet) — Continued

State	1999					
	June	May	April	March	February	January
Alabama	R20,626	R20,475	R24,271	R29,690	R26,203	R30,929
Alaska	R9,984	R11,295	R11,794	R14,484	R13,836	R15,543
Arizona	R10,757	R11,295	R13,422	R11,174	R13,152	R15,063
Arkansas	R19,723	R18,535	R20,529	R23,137	R21,680	R28,180
California	R142,580	R148,719	R171,021	R174,364	R200,337	R214,679
Colorado	R15,773	R22,925	R26,400	R27,754	R30,961	R36,731
Connecticut	R7,696	R8,969	R9,967	R14,586	R15,133	R16,866
Delaware	R4,453	R4,682	R4,059	R6,211	R5,204	R5,612
District of Columbia	R1,343	R1,940	R3,252	R4,665	R4,865	R5,406
Florida	R44,712	R45,247	R45,528	R37,417	R29,116	R32,810
Georgia	R16,753	R17,369	R24,544	R41,022	R42,066	R48,191
Hawaii	229	222	231	226	238	233
Idaho	R3,696	R4,985	R6,280	R7,009	R7,454	R7,974
Illinois	R42,791	R47,923	R76,117	R118,584	R118,475	R165,802
Indiana	R30,529	R33,004	R45,759	R64,618	R60,782	R80,505
Iowa	R10,523	R13,346	R18,127	R25,701	R26,441	R36,905
Kansas	R14,769	R15,787	R20,722	R25,347	R24,814	R34,226
Kentucky	R9,576	R10,829	R14,513	R23,871	R22,067	R27,902
Louisiana	R110,788	R107,074	R103,135	R104,326	R93,633	R111,176
Maine	R299	R359	R440	R680	R612	R897
Maryland	R9,627	R10,386	R16,085	R23,993	R22,431	R27,012
Massachusetts	R22,154	R25,502	R35,387	R42,422	R34,107	R28,430
Michigan	R43,510	R54,556	R76,952	R113,749	R109,232	R134,300
Minnesota	R14,019	R17,100	R24,217	R36,573	R40,959	R52,857
Mississippi	R21,244	R21,832	R24,120	R21,083	R19,609	R25,382
Missouri	R12,389	R13,876	R22,031	R30,621	R31,958	R46,078
Montana	R2,860	R4,251	R5,171	R5,594	R6,590	R8,243
Nebraska	R6,066	R6,997	R9,748	R12,780	R13,900	R19,143
Nevada	R11,136	R12,110	R12,233	R12,902	R13,288	R15,542
New Hampshire	R905	R1,287	1,909	2,539	2,590	3,115
New Jersey	R32,199	R37,349	R53,526	R76,959	R78,588	R90,156
New Mexico	R7,328	R7,968	R10,129	R12,661	R12,015	R14,901
New York	R80,448	R91,121	R100,477	R139,365	R131,085	R142,878
North Carolina	R12,598	R13,195	R17,495	R24,911	R20,956	R26,711
North Dakota	R1,815	R2,603	R3,349	R4,578	R4,874	R5,877
Ohio	R37,960	R45,944	R71,575	R108,742	R107,826	R121,619
Oklahoma	R36,737	R33,393	R39,685	R40,222	R38,807	R49,956
Oregon	R11,861	R15,106	R16,649	R18,392	R19,322	R21,945
Pennsylvania	R31,445	R36,877	R55,408	R81,777	R79,791	R90,819
Rhode Island	R5,949	R7,018	R7,874	R7,706	R8,916	R10,171
South Carolina	R9,779	R10,758	R12,547	R16,577	R14,106	R17,659
South Dakota	1,258	1,684	2,780	R3,307	R3,646	R5,057
Tennessee	R15,349	R16,028	R21,064	R28,837	R28,039	R39,111
Texas	R291,238	R268,082	R268,513	R260,478	R248,038	R288,377
Utah	R5,666	R8,124	R12,378	R12,652	R15,651	R16,870
Vermont	327	R490	R752	R1,010	R1,016	R1,168
Virginia	R14,791	R16,116	R20,734	R28,888	R28,004	R29,651
Washington	R12,999	R16,878	R22,021	R24,654	R25,971	R31,217
West Virginia	R5,184	R6,446	R8,829	R13,167	R12,178	R14,414
Wisconsin	R16,670	R19,533	R27,847	R42,229	R42,955	R60,228
Wyoming	R3,427	R4,425	R5,407	R6,026	R5,619	R6,499
Total	R1,296,537	R1,372,018	R1,647,002	R2,010,259	R1,979,138	R2,361,016

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 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, 1998-2000

(Dollars per Thousand Cubic Feet)

State	YTD 2000	YTD 1999	YTD 1998	2000				
				August	July	June	May	April
Alabama	3.66	3.02	3.15	5.22	5.50	5.70	4.20	3.40
Alaska	1.60	1.30	1.72	1.58	1.53	1.59	1.62	1.60
Arizona	3.58	2.52	2.60	4.81	5.66	5.21	3.84	3.54
Arkansas	NA	2.84	2.95	NA	NA	NA	NA	NA
California	3.52	2.39	2.36	4.13	4.70	4.42	3.44	3.40
Colorado	NA	2.07	2.56	3.56	NA	NA	NA	NA
Connecticut	6.08	4.67	5.16	7.12	7.54	7.99	6.62	5.67
Delaware	2.98	3.61	2.71	2.53	2.37	2.99	2.82	2.74
District of Columbia	8.69	—	—	—	—	—	—	—
Florida	4.11	3.34	3.39	4.87	5.05	5.32	4.07	4.12
Georgia	NA	3.61	3.45	0.34	4.81	NA	0.27	3.29
Hawaii	7.95	5.01	5.44	8.69	8.17	8.46	8.84	8.05
Idaho	2.89	1.90	1.95	3.60	5.32	4.08	3.13	3.15
Illinois	3.83	2.80	2.86	5.12	5.96	7.23	4.38	3.47
Indiana	NA	2.29	2.43	3.59	NA	NA	3.02	2.91
Iowa	3.92	3.04	3.34	5.45	6.39	5.45	7.00	3.72
Kansas	2.82	2.73	2.98	0.73	5.57	4.82	4.02	3.44
Kentucky	3.99	3.12	3.28	5.17	5.11	4.88	4.94	3.55
Louisiana	NA	2.48	2.39	NA	NA	4.84	3.68	3.85
Maine	NA	4.11	3.54	NA	NA	NA	NA	5.01
Maryland	4.37	3.23	3.89	6.70	8.23	8.46	6.79	4.47
Massachusetts	NA	3.52	4.11	NA	NA	NA	NA	NA
Michigan	3.09	2.81	2.80	3.33	3.33	3.02	3.00	3.06
Minnesota	NA	2.81	2.99	4.92	5.64	5.22	3.64	3.33
Mississippi	NA	2.68	3.01	4.57	4.82	3.61	3.39	NA
Missouri	4.01	3.19	3.40	6.11	7.35	7.33	5.62	4.33
Montana	2.96	2.45	2.43	2.86	3.50	3.25	2.90	2.80
Nebraska	3.68	2.96	3.04	4.59	5.54	5.11	3.73	3.69
Nevada	NA	2.28	3.22	5.10	5.77	5.24	4.39	4.01
New Hampshire	NA	3.76	3.83	—	NA	NA	NA	4.16
New Jersey	NA	4.19	3.62	NA	8.07	10.86	6.02	4.91
New Mexico	2.78	2.06	2.10	3.16	3.78	3.77	2.96	2.70
New York	NA	2.77	2.57	NA	NA	NA	NA	NA
North Carolina	4.38	3.14	3.63	5.21	5.99	6.44	4.47	4.05
North Dakota	NA	2.79	2.77	4.55	8.28	4.78	4.12	3.59
Ohio	5.70	4.92	4.73	7.86	8.41	5.89	7.94	5.93
Oklahoma	NA	2.72	2.56	NA	4.14	3.19	3.36	2.88
Oregon	3.35	2.79	2.79	4.18	4.70	4.22	3.59	3.31
Pennsylvania	4.52	3.55	4.34	6.58	7.83	7.48	6.08	4.28
Rhode Island	3.52	3.90	4.19	5.60	5.36	4.87	3.74	2.92
South Carolina	4.33	3.32	3.43	5.47	5.93	5.73	4.55	4.14
South Dakota	4.24	3.42	3.43	5.66	6.92	6.39	7.12	4.09
Tennessee	NA	2.82	3.60	3.95	5.74	NA	3.89	3.74
Texas	NA	2.70	2.67	NA	NA	4.41	3.08	3.20
Utah	3.38	2.78	3.19	3.74	3.15	3.14	2.73	3.09
Vermont	3.78	2.94	2.68	4.49	4.08	4.05	4.10	3.71
Virginia	4.26	3.72	3.87	6.87	6.37	6.32	7.25	3.28
Washington	NA	2.43	2.39	3.76	NA	NA	NA	NA
West Virginia	NA	3.55	3.06	7.33	4.97	4.12	3.06	3.26
Wisconsin	3.64	2.95	3.40	5.04	5.88	5.67	4.20	3.41
Wyoming	NA	3.38	2.45	NA	4.88	4.56	4.04	4.96
Total	3.84	3.01	3.10	4.03	5.13	5.21	4.00	3.72

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 1998-2000

(Dollars per Thousand Cubic Feet) — Continued

State	2000			1999				
	March	February	January	Total	December	November	October	September
Alabama	3.43	3.05	2.95	^R 3.21	^R 3.24	3.74	4.16	4.10
Alaska	1.64	1.56	1.61	1.32	1.32	1.34	1.36	1.41
Arizona	3.05	2.97	2.70	2.72	2.68	3.37	3.30	3.66
Arkansas	NA	NA	NA	^R 2.81	2.26	^R 3.45	^R 3.07	2.74
California	2.90	2.88	2.59	^R 2.61	^R 2.65	^R 3.27	^R 3.44	^R 3.02
Colorado	NA	NA	NA	^R 2.31	2.27	^R 3.52	2.46	2.98
Connecticut	5.59	6.00	5.40	4.91	5.42	5.81	4.58	5.85
Delaware	3.04	3.29	3.80	3.45	2.78	3.48	2.73	4.01
District of Columbia	—	8.69	—	—	—	—	—	—
Florida	3.57	3.55	3.40	^R 3.49	^R 3.70	^R 3.77	^R 3.86	^R 3.76
Georgia	NA	NA	NA	^R 2.95	^R 2.80	^R 4.19	^R 0.92	^R 12.45
Hawaii	6.96	7.40	7.14	5.62	7.40	7.20	6.48	6.23
Idaho	2.64	2.52	2.50	2.23	2.50	3.07	2.94	3.27
Illinois	3.30	3.13	2.93	3.00	3.13	3.55	3.41	3.87
Indiana	NA	NA	NA	^R 2.46	2.57	3.09	2.79	2.85
Iowa	3.75	3.47	3.03	^R 3.30	3.98	3.95	3.49	3.71
Kansas	3.48	3.61	3.21	^R 2.96	3.12	3.60	^R 3.50	^R 3.95
Kentucky	3.90	3.88	3.65	3.27	3.42	3.82	^R 3.56	3.46
Louisiana	3.39	3.30	2.96	^R 2.70	2.71	^R 3.59	^R 3.03	^R 3.27
Maine	NA	2.92	4.08	^R 4.61	4.33	^R 7.89	^R 3.85	^R 8.33
Maryland	4.18	3.94	3.53	3.45	^R 3.30	4.28	4.12	^R 5.35
Massachusetts	NA	NA	NA	^R 3.74	^R 3.70	^R 4.12	^R 5.43	^R 6.72
Michigan	2.90	3.01	3.11	2.83	2.93	2.95	2.86	2.83
Minnesota	3.63	NA	NA	^R 3.06	^R 3.42	^R 4.24	2.85	3.72
Mississippi	3.50	3.32	3.10	^R 2.88	3.05	3.49	3.29	3.30
Missouri	3.68	3.40	3.07	3.34	3.02	3.87	4.23	^R 5.43
Montana	3.02	3.05	2.72	2.57	2.91	3.00	2.65	2.30
Nebraska	3.36	3.54	2.97	3.12	3.50	3.79	3.14	3.28
Nevada	3.55	3.50	NA	2.59	3.27	3.01	3.20	3.94
New Hampshire	4.65	3.91	3.80	^R 4.07	4.09	6.30	^R 3.54	5.64
New Jersey	4.12	3.70	3.89	^R 4.55	^R 4.52	4.95	^R 5.58	7.65
New Mexico	2.50	2.36	2.50	2.24	2.42	2.64	^R 2.54	^R 2.52
New York	NA	NA	NA	^R 2.92	^R 2.86	^R 3.72	^R 3.28	^R 3.37
North Carolina	3.83	3.99	3.57	3.33	3.61	3.94	3.74	3.90
North Dakota	3.66	NA	NA	^R 3.07	^R 3.38	^R 4.22	^R 3.34	^R 3.39
Ohio	6.73	4.85	4.98	4.83	4.48	4.66	4.90	5.21
Oklahoma	3.01	2.66	NA	2.84	3.59	^R 3.55	^R 2.65	2.84
Oregon	3.04	3.14	2.97	^R 2.93	3.03	3.44	3.10	3.64
Pennsylvania	4.72	3.87	3.44	^R 3.65	3.33	4.03	^R 4.23	^R 4.72
Rhode Island	3.17	3.30	3.45	^R 4.19	5.29	4.37	4.79	4.95
South Carolina	3.84	3.84	3.60	^R 3.46	3.51	3.86	^R 3.65	4.14
South Dakota	3.83	4.04	3.26	3.52	3.67	4.05	3.37	3.50
Tennessee	3.28	3.74	3.06	^R 3.15	^R 3.72	^R 4.48	^R 3.60	^R 3.41
Texas	2.87	2.97	2.98	2.84	^R 2.91	^R 3.44	3.17	2.98
Utah	3.68	3.44	3.45	2.98	3.54	3.34	2.75	3.23
Vermont	3.80	3.56	3.46	2.85	1.43	3.85	3.42	2.68
Virginia	4.01	4.10	3.71	3.81	3.34	^R 4.25	3.73	7.51
Washington	NA	NA	NA	^R 2.63	^R 3.38	^R 3.28	^R 2.81	^R 3.11
West Virginia	NA	NA	3.45	^R 3.40	3.07	3.82	^R 3.50	1.33
Wisconsin	3.44	3.20	2.94	3.08	2.79	^R 4.02	3.34	^R 3.93
Wyoming	4.78	4.37	4.39	^R 3.59	4.03	^R 4.49	^R 3.35	^R 3.94
Total	3.57	3.50	3.33	^R3.16	^R3.24	^R3.76	^R3.31	^R3.72

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 1998-2000

(Dollars per Thousand Cubic Feet) — Continued

State	1999							
	August	July	June	May	April	March	February	January
Alabama	3.62	3.69	4.00	3.15	^R 2.90	^R 2.77	^R 2.90	^R 2.71
Alaska	1.11	1.26	1.27	1.23	1.32	1.33	1.34	1.32
Arizona	3.52	3.26	3.16	3.03	2.39	2.18	2.19	2.17
Arkansas	2.98	3.04	^R 2.53	^R 2.82	^R 2.74	^R 2.57	^R 3.35	2.69
California	^R 2.82	^R 2.61	^R 2.60	^R 2.70	^R 2.15	^R 2.06	^R 2.20	^R 2.21
Colorado	^R 2.56	^R 2.35	2.44	2.36	1.14	1.84	2.07	2.25
Connecticut	4.52	5.39	4.33	5.19	4.87	4.57	4.74	4.44
Delaware	3.53	4.43	5.10	3.91	3.12	3.33	3.68	3.63
District of Columbia	—	—	—	—	—	—	—	—
Florida	^R 3.68	^R 3.38	^R 3.39	^R 3.38	^R 3.11	^R 3.32	^R 3.27	3.33
Georgia	^R 3.15	^R 3.46	^R 4.06	^R 3.08	^R 3.09	^R 3.32	3.45	4.41
Hawaii	5.59	5.61	5.45	4.72	4.68	4.53	4.47	5.07
Idaho	2.74	2.72	1.50	1.69	1.94	1.82	1.92	1.76
Illinois	3.73	3.23	3.17	3.62	2.63	2.51	2.59	2.49
Indiana	2.86	2.32	2.47	^R 2.62	2.26	2.17	2.24	2.20
Iowa	3.97	3.54	4.26	3.63	3.03	2.77	3.02	^R 2.75
Kansas	^R 4.77	^R 2.61	3.08	^R 2.97	2.54	^R 2.49	^R 2.52	^R 2.64
Kentucky	2.85	3.06	2.89	3.63	3.72	2.79	3.10	3.21
Louisiana	2.86	2.54	2.63	2.74	2.46	^R 2.26	^R 2.36	^R 2.31
Maine	—	^R 14.77	^R 4.85	^R 2.26	^R 5.43	^R 2.98	^R 2.92	^R 3.23
Maryland	^R 6.17	^R 5.65	^R 5.81	^R 5.86	^R 3.52	^R 2.85	^R 2.95	2.87
Massachusetts	^R 5.73	^R 7.07	^R 3.99	^R 6.03	^R 4.00	^R 3.01	^R 2.94	^R 3.16
Michigan	2.79	2.83	2.63	2.83	2.75	2.79	3.02	2.79
Minnesota	3.52	3.30	3.23	2.87	2.49	2.70	2.84	2.60
Mississippi	3.05	^R 2.83	2.49	^R 2.65	^R 2.71	^R 2.60	2.71	^R 2.62
Missouri	5.25	5.14	4.90	4.56	3.43	2.75	2.89	2.49
Montana	2.12	2.08	2.20	1.37	2.39	2.98	2.70	2.76
Nebraska	^R 2.30	3.25	3.24	3.45	2.94	2.90	3.11	2.90
Nevada	5.42	0.83	3.60	3.07	2.13	2.31	2.54	2.42
New Hampshire	^R 4.35	6.94	4.47	^R 3.38	^R 3.58	^R 3.22	^R 3.58	^R 3.75
New Jersey	7.06	5.87	^R 6.86	7.14	^R 4.26	1.42	^R 3.31	^R 3.48
New Mexico	^R 2.34	2.06	2.13	2.06	1.81	1.98	2.08	2.13
New York	^R 2.96	^R 2.77	^R 2.62	^R 3.00	^R 2.53	^R 2.75	^R 2.74	^R 2.82
North Carolina	3.52	3.21	3.34	3.52	3.25	2.73	3.00	3.11
North Dakota	^R 3.34	^R 2.89	^R 2.82	^R 2.94	^R 2.55	^R 2.55	^R 2.80	2.85
Ohio	6.55	5.07	5.81	6.71	7.73	4.43	4.62	4.22
Oklahoma	1.87	2.19	2.47	2.23	2.35	2.36	5.21	2.41
Oregon	4.05	3.74	3.28	2.84	2.66	2.59	2.68	2.43
Pennsylvania	^R 6.67	^R 4.70	4.35	^R 4.35	^R 3.84	2.95	^R 3.39	^R 3.06
Rhode Island	3.15	5.41	^R 4.92	5.37	3.05	3.79	3.87	3.95
South Carolina	3.85	3.63	3.80	3.85	3.43	2.86	3.09	3.14
South Dakota	4.02	4.03	3.72	4.21	3.37	3.25	3.37	3.18
Tennessee	^R 4.13	3.25	^R 2.76	2.81	^R 2.65	^R 2.70	^R 2.71	^R 2.73
Texas	2.98	2.77	2.78	2.86	2.45	2.38	2.61	2.83
Utah	2.93	4.04	2.62	2.07	2.31	2.76	3.11	2.86
Vermont	2.70	2.63	3.12	3.34	3.07	2.92	3.01	2.85
Virginia	5.60	7.13	5.27	^R 4.96	3.70	3.35	2.97	3.31
Washington	^R 2.62	^R 2.76	^R 2.36	^R 2.71	^R 2.60	^R 2.35	^R 2.20	^R 2.54
West Virginia	^R 3.10	^R 2.96	^R 3.87	2.64	^R 3.08	^R 3.04	3.21	^R 6.68
Wisconsin	^R 4.12	^R 3.86	4.78	^R 3.70	^R 2.81	^R 2.70	^R 2.76	^R 2.48
Wyoming	^R 3.73	^R 3.36	2.81	^R 3.31	^R 3.52	^R 3.10	^R 3.73	^R 3.31
Total	^R3.53	^R3.23	^R3.28	^R3.41	^R2.94	^R2.69	2.93	^R2.87

^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. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1998-2000

(Dollars per Thousand Cubic Feet)

State	YTD 2000	YTD 1999	YTD 1998	2000				
				August	July	June	May	April
Alabama	8.58	8.07	7.81	13.47	13.23	12.23	9.53	9.08
Alaska	3.53	3.68	3.74	3.88	4.20	3.86	3.66	3.45
Arizona	9.26	8.87	8.14	14.09	14.76	12.42	11.19	9.23
Arkansas	NA	6.76	6.76	NA	NA	NA	NA	NA
California	7.32	6.52	6.93	8.72	8.90	8.35	7.75	7.17
Colorado	NA	5.22	5.12	9.06	^R 7.94	^R 6.80	^R 5.30	NA
Connecticut	10.88	10.34	10.47	12.81	13.50	13.08	11.02	11.04
Delaware	7.90	8.51	8.66	9.53	9.66	9.41	7.19	8.25
District of Columbia	8.92	8.30	8.73	9.97	9.68	8.59	9.87	9.28
Florida	12.45	11.28	10.90	16.44	14.86	14.99	14.18	13.27
Georgia	NA	4.01	7.65	11.50	10.37	NA	7.13	6.31
Hawaii	21.28	18.56	19.26	22.67	22.09	22.20	22.11	20.93
Idaho	5.76	5.26	5.30	8.19	7.23	6.22	6.00	5.74
Illinois	6.22	5.18	5.58	10.84	11.19	9.87	8.60	6.23
Indiana	6.30	6.04	6.75	10.82	^R 10.33	^R 9.79	8.43	6.62
Iowa	6.91	5.84	5.96	13.34	12.12	13.08	12.10	6.91
Kansas	6.76	5.74	5.97	12.14	10.41	9.61	7.97	6.80
Kentucky	6.45	5.49	6.03	10.62	10.17	9.64	8.52	6.75
Louisiana	NA	6.36	6.36	NA	NA	10.68	8.46	6.81
Maine	NA	7.66	8.30	NA	NA	NA	NA	8.96
Maryland	8.88	8.12	8.16	14.69	15.45	13.77	11.46	8.96
Massachusetts	NA	9.68	9.30	NA	NA	NA	NA	NA
Michigan	5.16	5.08	5.19	7.38	7.30	6.70	5.63	5.11
Minnesota	NA	5.37	5.48	9.12	9.64	8.93	7.04	6.11
Mississippi	NA	5.70	6.02	9.56	9.24	10.17	5.87	NA
Missouri	6.92	6.12	6.43	11.85	11.58	10.55	8.35	6.92
Montana	5.71	5.06	5.19	8.95	8.11	7.19	6.42	5.27
Nebraska	5.70	4.79	5.16	10.24	9.85	8.46	6.95	5.72
Nevada	6.61	7.19	7.04	8.44	8.11	7.67	7.18	6.79
New Hampshire	NA	7.30	8.15	NA	8.35	8.35	7.71	7.18
New Jersey	NA	7.40	6.93	NA	NA	9.15	7.60	7.58
New Mexico	NA	5.33	5.69	7.89	NA	4.69	9.11	4.99
New York	NA	8.90	9.42	NA	NA	NA	NA	NA
North Carolina	8.84	7.97	8.42	15.22	14.80	12.53	10.95	8.47
North Dakota	NA	5.08	5.10	10.18	10.16	7.57	6.66	5.36
Ohio	6.64	6.07	6.35	10.70	9.74	8.71	7.30	6.43
Oklahoma	NA	5.52	5.80	NA	9.94	9.51	7.64	6.35
Oregon	7.62	7.07	6.69	9.92	9.30	8.42	7.91	7.18
Pennsylvania	NA	8.27	8.49	11.93	NA	NA	NA	NA
Rhode Island	7.28	9.33	9.40	12.16	11.97	10.64	9.28	9.46
South Carolina	8.98	8.33	8.09	12.39	11.07	10.44	9.05	8.86
South Dakota	6.56	5.54	5.62	11.19	10.87	10.19	9.27	6.24
Tennessee	NA	6.19	6.58	11.22	10.12	NA	7.90	7.54
Texas	NA	5.80	6.10	NA	NA	9.97	6.99	6.91
Utah	6.27	5.28	5.61	6.77	6.99	6.99	6.82	6.36
Vermont	7.74	6.96	6.59	10.09	9.89	8.89	8.11	7.71
Virginia	8.66	8.38	8.47	15.77	13.98	12.54	9.80	8.90
Washington	6.66	5.82	5.84	8.92	^R 7.85	^R 7.12	^R 6.77	^R 6.54
West Virginia	NA	7.36	7.18	10.86	10.85	9.60	7.80	7.50
Wisconsin	6.63	6.11	6.21	8.81	9.21	9.56	6.59	7.10
Wyoming	NA	5.05	5.21	NA	6.70	6.17	5.45	5.38
Total	7.02	6.54	6.82	10.12	^R9.92	^R9.12	^R7.88	^R7.01

See footnotes at end of table.

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1998-2000

(Dollars per Thousand Cubic Feet) — Continued

State	2000			1999				
	March	February	January	Total	December	November	October	September
Alabama	9.21	7.21	7.41	R8.34	R8.19	R9.13	R10.23	R11.56
Alaska	3.53	3.36	3.34	3.64	3.45	3.58	3.70	3.84
Arizona	8.43	8.33	7.88	R9.13	R8.71	R10.26	R11.77	R12.56
Arkansas	NA	NA	NA	R7.22	R6.97	R14.99	R9.00	R9.48
California	7.05	6.99	6.30	6.62	6.52	7.13	7.51	6.88
Colorado	R5.14	R5.08	R4.96	R5.38	R5.28	R5.80	R6.21	R7.64
Connecticut	10.54	10.51	10.49	R10.54	R11.23	R11.08	R11.36	R9.94
Delaware	7.96	7.76	7.40	R8.63	R8.03	R9.00	R10.70	R12.50
District of Columbia	8.99	8.69	8.54	R8.70	R8.93	R10.15	R11.40	R12.46
Florida	11.95	10.45	10.62	R11.59	R10.69	R12.45	R13.98	R14.24
Georgia	8.44	7.36	6.74	R4.37	R9.20	R9.71	R25.26	R10.22
Hawaii	20.37	20.31	19.99	18.97	20.18	19.50	20.03	19.71
Idaho	5.61	5.56	5.45	R5.42	R5.56	R5.81	R5.91	R6.57
Illinois	5.71	5.32	5.12	R5.50	R5.36	R6.27	R6.87	R8.44
Indiana	R5.75	R5.58	5.41	R6.03	R5.40	R6.10	R6.54	R8.71
Iowa	6.26	5.73	5.27	R6.10	R6.09	R6.50	R7.54	R9.22
Kansas	6.38	6.03	5.98	R5.98	R6.08	R6.90	R7.41	R8.86
Kentucky	6.21	6.04	5.56	R5.72	R5.92	R5.86	R6.93	R7.52
Louisiana	6.99	6.13	5.92	R6.83	R7.34	R8.35	R8.74	R9.37
Maine	9.30	7.34	7.87	R7.47	6.63	R6.81	7.83	9.10
Maryland	8.71	7.67	7.38	R8.41	R8.18	R9.01	R10.02	R12.68
Massachusetts	NA	NA	NA	R9.25	R8.32	R8.92	R8.15	R8.24
Michigan	4.94	4.79	4.77	R5.13	R4.86	R5.14	R5.60	R7.16
Minnesota	5.86	NA	NA	R5.56	R5.34	R6.38	R6.23	R7.45
Mississippi	6.86	5.66	5.81	R5.99	R6.00	R7.19	R7.79	R7.95
Missouri	6.34	6.04	6.16	R6.36	R6.46	R6.92	R7.83	R9.47
Montana	5.43	5.28	5.25	R5.16	5.03	R5.33	R5.61	R6.29
Nebraska	5.38	5.06	4.76	5.06	R5.22	R6.01	R6.51	R7.72
Nevada	6.25	6.25	R6.07	R7.14	R6.19	R7.22	R8.28	R8.90
New Hampshire	8.51	8.32	8.15	R7.67	8.65	R9.28	R7.38	R8.86
New Jersey	7.58	7.16	7.29	R7.46	R7.38	R7.21	R8.19	R9.18
New Mexico	6.04	5.26	5.72	R5.03	R4.16	R3.83	R4.52	R9.80
New York	NA	NA	NA	R9.12	R9.01	R9.66	R10.29	R11.93
North Carolina	9.07	7.58	8.27	R8.33	8.95	8.95	R10.77	R11.71
North Dakota	5.04	4.73	NA	R5.32	R5.35	R5.92	R6.15	R7.43
Ohio	6.30	6.09	6.18	R6.24	R6.39	R6.60	R6.79	R8.07
Oklahoma	6.23	5.57	5.80	R5.97	R6.35	R8.66	R8.12	R9.25
Oregon	7.48	7.42	7.33	R7.13	R7.06	R7.12	R7.63	R8.59
Pennsylvania	7.79	NA	7.31	R8.30	R7.72	R8.20	R9.07	R11.60
Rhode Island	8.73	4.23	8.87	9.53	9.54	10.00	10.45	12.23
South Carolina	9.53	8.40	8.76	R8.46	R8.61	R8.70	R9.04	R10.03
South Dakota	5.97	5.87	5.36	5.83	6.10	6.27	7.09	8.26
Tennessee	7.34	6.45	6.03	R6.53	R6.91	R7.89	R8.28	R7.95
Texas	6.20	5.49	5.26	R6.09	R5.60	R7.30	R8.46	R9.07
Utah	5.91	6.16	6.16	5.37	5.49	5.90	5.11	5.44
Vermont	7.45	7.33	7.42	R7.18	R7.71	R7.57	R7.69	R9.40
Virginia	8.32	7.78	7.65	R8.61	R7.99	R8.73	R11.76	R13.85
Washington	R6.46	R6.43	R6.39	R5.88	R5.82	R5.89	R6.05	R7.25
West Virginia	NA	7.02	7.44	R7.42	R7.09	R7.42	R8.13	R9.67
Wisconsin	6.49	6.19	5.99	R6.17	R6.07	R6.96	R5.45	R7.19
Wyoming	5.05	4.94	5.00	R5.11	R4.96	R5.29	R5.20	R6.14
Total	R6.78	R6.40	6.24	R6.69	R6.51	R7.15	R7.56	R8.63

See footnotes at end of table.

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1998-2000

(Dollars per Thousand Cubic Feet) — Continued

State	1999							
	August	July	June	May	April	March	February	January
Alabama	R11.86	R11.34	R10.94	R9.79	R7.80	R7.00	R8.26	R7.10
Alaska	4.27	4.31	4.10	3.81	3.65	3.59	3.53	3.53
Arizona	R12.77	R12.19	R10.96	R9.51	R8.71	R8.53	R8.13	R7.97
Arkansas	R10.67	R9.68	R9.48	R8.28	R6.72	R6.18	R6.96	R5.68
California	7.21	7.04	6.82	6.22	5.98	6.22	6.54	6.82
Colorado	R7.81	R7.36	R6.30	R5.27	R5.14	R5.00	R4.88	R4.73
Connecticut	R11.65	R10.65	R10.97	R10.85	R10.47	R10.26	R10.36	R9.88
Delaware	R12.54	R10.59	R10.98	R9.33	R8.40	R8.06	R8.11	R8.06
District of Columbia	R8.32	R8.28	R8.28	R9.00	R8.00	R7.80	R8.29	R8.66
Florida	R13.96	R13.50	R13.19	R12.46	R11.14	R10.15	R10.71	R9.75
Georgia	R12.92	R14.82	R12.44	R11.78	R5.01	R2.97	R2.90	R2.45
Hawaii	19.38	18.71	18.56	18.60	18.04	18.15	18.34	18.79
Idaho	R6.54	R6.20	R5.82	R5.45	R5.30	R5.09	R5.12	R5.02
Illinois	R9.41	R8.80	R8.07	R7.62	R5.24	R4.60	R4.59	R4.43
Indiana	R9.05	R9.22	R8.82	R7.60	R6.16	R5.46	R5.60	R5.61
Iowa	R13.34	R9.38	R11.33	R7.75	R5.99	R5.25	R5.06	R4.78
Kansas	R8.48	R8.60	R7.55	R6.55	R5.51	R5.26	R5.47	R5.34
Kentucky	R8.15	R8.16	R7.74	R6.74	R5.45	R4.81	R5.26	R5.23
Louisiana	R9.35	R8.53	R8.01	R7.56	R6.30	R5.96	R5.76	5.42
Maine	R9.61	R9.83	9.24	8.64	7.85	7.38	7.34	7.00
Maryland	R12.94	R12.22	R11.84	R9.72	R7.97	R6.99	R7.81	R7.36
Massachusetts	R8.44	R8.28	R8.15	R7.55	R8.69	R8.46	R12.50	R12.63
Michigan	R7.77	R7.70	R6.47	R5.73	R5.11	R4.79	R4.77	R4.69
Minnesota	R7.89	R8.02	R7.17	R6.24	R5.20	R5.07	R5.05	R4.95
Mississippi	R7.95	R7.41	R7.29	R7.09	R5.58	R5.05	R6.07	R4.95
Missouri	R10.61	R9.97	R6.17	R7.17	R6.13	R5.48	R5.77	R5.78
Montana	R7.48	R6.60	R6.00	R4.67	R4.96	R4.95	R4.94	R4.76
Nebraska	R8.05	R7.12	R6.75	R5.32	R4.69	R4.46	R4.37	R4.36
Nevada	R9.08	R8.91	R8.19	R7.43	R7.04	R6.98	R6.79	R6.74
New Hampshire	R9.49	R8.80	R8.08	R6.45	5.67	R7.55	R7.58	7.44
New Jersey	R8.98	R9.14	R8.02	R7.89	R7.35	R7.15	R7.21	R7.15
New Mexico	R10.95	R9.22	R8.18	R8.93	R5.70	R4.09	R4.99	R3.59
New York	R12.01	R12.65	R11.79	R10.10	R8.74	R8.05	R8.49	R8.21
North Carolina	R13.20	R12.34	R12.99	8.76	7.92	6.20	8.40	7.56
North Dakota	R8.15	R7.78	R7.45	R5.29	R4.80	R4.86	R4.75	R4.69
Ohio	R8.79	R8.45	R7.92	R6.86	R5.85	R5.65	R5.71	R5.89
Oklahoma	R9.70	R8.99	R3.85	R7.10	R5.71	R5.45	R5.60	R4.55
Oregon	R8.86	R10.44	R7.71	R7.22	R7.00	R6.87	R6.76	R6.64
Pennsylvania	R12.08	R12.19	R10.77	R9.27	R7.74	R7.79	R7.83	R7.86
Rhode Island	12.29	12.14	11.36	9.79	9.48	8.88	8.90	8.71
South Carolina	R10.28	R10.03	R9.72	R8.33	R8.03	R7.68	R8.98	R8.11
South Dakota	9.81	8.69	8.46	6.48	5.43	5.00	5.09	4.89
Tennessee	R9.23	R8.83	R9.29	R6.98	R6.25	R5.79	R6.02	R5.70
Texas	R9.23	R7.48	R7.99	R7.02	R6.07	R5.24	R5.26	R4.95
Utah	6.25	5.54	5.78	4.83	4.19	5.59	5.33	5.51
Vermont	R9.45	R9.40	R8.48	R7.47	R6.88	R6.73	R6.34	R6.69
Virginia	R14.08	R13.56	R13.09	R10.03	R8.54	R7.19	R7.82	R7.80
Washington	R7.37	R7.38	R6.65	R6.29	R5.97	R5.02	R5.71	R5.57
West Virginia	R10.79	R10.73	R9.94	R8.20	R7.36	R7.01	R7.00	R6.94
Wisconsin	R7.43	R7.12	R6.68	R5.89	R6.11	R6.03	R6.26	R5.80
Wyoming	R6.99	R6.94	R5.76	R4.90	R4.85	R5.01	R4.85	R4.80
Total	R9.14	R8.83	R8.20	R7.30	R6.44	R6.06	R6.29	R6.00

R Revised Data.

NA Not Available.

Notes: Data for 1999 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, 1998-2000

(Dollars per Thousand Cubic Feet)

State	YTD 2000	YTD 1999	YTD 1998	2000				
				August	July	June	May	April
Alabama	7.17	6.56	6.51	8.62	8.72	8.23	7.12	7.09
Alaska	2.03	2.21	2.33	1.86	1.76	2.02	1.91	1.96
Arizona	6.43	6.13	5.89	6.78	7.18	6.58	6.60	6.31
Arkansas	NA	5.18	5.16	NA	NA	NA	NA	NA
California	6.79	5.99	6.49	7.37	7.49	6.97	6.55	6.74
Colorado	4.75	4.48	4.43	6.05	^R 5.50	^R 5.01	^R 4.78	^R 4.60
Connecticut	6.36	6.42	6.99	3.94	4.99	6.16	5.26	7.01
Delaware	6.44	6.91	6.96	7.51	7.28	6.89	6.85	6.58
District of Columbia	8.08	7.08	7.29	8.25	7.19	7.25	7.77	8.15
Florida	7.41	6.38	6.48	8.39	8.12	7.79	7.49	7.24
Georgia	NA	3.51	6.54	6.52	6.29	NA	5.47	5.23
Hawaii	16.88	13.70	13.93	17.48	17.41	17.66	17.59	16.71
Idaho	5.05	4.65	4.57	6.34	5.74	5.10	5.12	5.13
Illinois	5.83	4.89	5.10	9.34	9.98	10.39	7.63	5.92
Indiana	5.64	5.19	5.72	7.38	7.12	^R 6.45	6.62	5.57
Iowa	5.59	4.56	4.72	8.27	7.75	8.95	9.59	5.48
Kansas	4.36	4.94	4.92	4.64	4.92	4.85	3.91	4.10
Kentucky	5.77	4.88	5.49	8.49	7.09	6.89	6.47	5.78
Louisiana	NA	5.43	5.50	NA	^R 7.69	^R 8.36	^R 6.43	^R 5.89
Maine	NA	6.85	7.46	NA	NA	NA	NA	7.44
Maryland	7.33	6.79	6.56	9.86	9.07	8.64	7.20	8.09
Massachusetts	NA	7.66	7.40	NA	NA	NA	NA	NA
Michigan	4.82	4.86	4.92	5.89	6.01	5.53	5.00	4.80
Minnesota	NA	4.28	4.45	5.91	6.66	6.33	5.21	5.00
Mississippi	5.55	4.73	4.87	6.34	6.54	8.85	5.58	^R 5.84
Missouri	6.03	5.37	5.69	7.98	7.20	6.83	6.24	6.09
Montana	5.00	5.01	5.06	6.11	5.91	5.81	5.21	4.54
Nebraska	4.70	4.02	4.44	5.70	5.95	5.57	4.73	4.64
Nevada	5.51	6.07	6.15	5.86	5.80	5.66	5.65	5.50
New Hampshire	NA	6.61	7.26	NA	NA	NA	NA	6.67
New Jersey	NA	3.78	3.95	NA	NA	5.27	2.06	5.21
New Mexico	4.32	3.96	4.33	5.45	4.91	3.53	3.91	7.27
New York	NA	5.17	6.22	NA	NA	3.09	NA	NA
North Carolina	6.88	5.99	6.58	8.71	7.70	7.01	6.60	6.17
North Dakota	NA	4.29	4.36	7.40	7.36	5.63	5.29	4.64
Ohio	6.14	5.46	5.75	8.95	8.03	7.33	6.61	5.86
Oklahoma	NA	4.86	5.13	NA	6.88	6.69	5.44	5.40
Oregon	6.10	5.51	5.21	6.39	6.48	6.16	6.07	6.06
Pennsylvania	NA	7.41	7.62	8.93	3.33	3.60	NA	7.50
Rhode Island	7.69	8.03	8.05	9.39	9.33	8.70	8.14	7.97
South Carolina	7.26	6.45	6.52	7.95	7.18	7.05	6.61	7.02
South Dakota	5.11	4.28	4.47	7.69	7.00	7.18	6.97	4.77
Tennessee	NA	5.49	5.92	7.64	6.83	NA	6.06	6.38
Texas	NA	4.33	4.53	NA	NA	5.92	4.31	4.89
Utah	4.62	3.95	4.27	4.71	4.40	4.40	4.37	4.24
Vermont	6.21	5.52	5.22	6.35	6.44	6.38	6.20	6.17
Virginia	6.49	5.84	6.12	7.96	^R 8.49	^R 7.50	^R 6.38	6.30
Washington	5.57	4.90	4.71	6.20	^R 5.60	^R 5.44	^R 5.36	^R 5.33
West Virginia	6.46	6.42	6.31	7.46	9.52	7.55	6.76	6.50
Wisconsin	5.39	4.73	4.81	6.24	6.65	6.47	4.96	5.93
Wyoming	NA	4.36	4.85	NA	6.17	^R 5.01	^R 4.70	4.80
Total	5.54	5.23	5.57	5.95	^R5.74	^R5.74	^R5.28	^R5.61

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1998-2000

(Dollars per Thousand Cubic Feet) — Continued

State	2000			1999				
	March	February	January	Total	December	November	October	September
Alabama	7.39	6.49	6.78	^R 6.68	^R 6.95	^R 7.04	^R 6.84	^R 7.19
Alaska	2.13	2.12	2.16	^R 2.18	^R 2.17	^R 2.16	^R 2.15	^R 1.96
Arizona	6.23	6.24	6.14	^R 6.17	^R 6.20	^R 6.33	^R 6.31	^R 6.26
Arkansas	NA	NA	NA	^R 5.38	^R 5.31	^R 7.39	^R 5.94	^R 5.79
California	6.89	6.87	6.05	^R 6.14	^R 6.77	^R 6.75	^R 6.70	^R 6.31
Colorado	^R 4.59	^R 4.60	^R 4.56	^R 4.55	^R 4.78	^R 4.70	^R 4.66	^R 4.79
Connecticut	6.27	6.82	7.97	^R 6.53	^R 7.81	^R 6.86	^R 6.05	^R 5.23
Delaware	6.40	6.46	5.69	^R 7.00	^R 6.92	^R 7.19	^R 7.49	^R 8.18
District of Columbia	8.34	8.55	7.89	^R 7.38	^R 8.07	^R 8.78	^R 8.41	^R 8.20
Florida	7.12	6.98	6.87	^R 6.50	^R 6.74	^R 6.89	^R 6.77	^R 6.91
Georgia	5.20	5.15	5.37	^R 3.87	^R 6.95	^R 7.09	^R 14.20	^R 8.77
Hawaii	16.09	16.12	16.02	14.33	15.80	15.90	15.71	14.90
Idaho	4.88	4.90	4.86	4.77	4.92	5.21	5.10	5.25
Illinois	5.41	5.08	4.95	^R 5.20	^R 5.34	^R 6.12	^R 6.28	^R 7.15
Indiana	5.57	5.56	^R 4.90	^R 5.17	^R 4.90	^R 4.96	^R 5.37	^R 5.99
Iowa	5.17	4.91	4.57	^R 4.79	5.23	5.28	5.47	5.80
Kansas	4.16	4.40	4.25	^R 5.04	^R 5.53	^R 5.79	^R 5.24	^R 4.51
Kentucky	5.61	5.28	5.43	^R 5.14	^R 5.76	^R 5.59	^R 5.75	^R 5.58
Louisiana	^R 6.15	^R 5.93	^R 5.79	^R 5.73	^R 6.28	^R 6.82	^R 6.31	6.45
Maine	NA	6.79	6.65	^R 6.65	6.25	^R 5.48	6.84	^R 7.16
Maryland	7.27	7.07	6.36	^R 6.94	^R 6.62	7.52	^R 8.18	^R 8.74
Massachusetts	NA	NA	NA	^R 7.63	^R 7.85	^R 7.62	^R 7.08	^R 7.26
Michigan	4.69	4.65	4.66	^R 4.87	^R 4.61	^R 4.96	^R 5.21	^R 5.75
Minnesota	4.94	5.00	NA	4.44	^R 4.46	^R 5.20	^R 4.61	^R 5.01
Mississippi	5.58	5.19	4.64	^R 4.88	^R 5.13	^R 5.61	^R 5.19	^R 4.79
Missouri	5.54	5.79	5.90	^R 5.47	^R 5.89	^R 5.63	^R 5.49	^R 5.67
Montana	4.97	4.67	4.88	^R 5.13	^R 5.09	^R 5.40	^R 5.70	^R 5.90
Nebraska	4.65	4.56	4.19	^R 4.14	^R 4.37	^R 4.66	^R 4.37	^R 4.40
Nevada	5.39	5.44	5.37	^R 6.02	^R 5.42	^R 6.03	^R 6.34	^R 6.53
New Hampshire	NA	7.80	7.44	^R 6.86	7.78	^R 8.10	^R 6.29	^R 6.57
New Jersey	4.53	4.59	4.93	^R 3.99	^R 4.88	^R 4.35	^R 4.33	^R 4.17
New Mexico	4.06	4.00	4.22	^R 3.78	^R 3.60	^R 3.10	^R 2.92	^R 4.29
New York	NA	NA	NA	^R 5.15	^R 5.90	^R 5.34	^R 4.38	^R 4.24
North Carolina	7.35	6.51	6.80	^R 6.22	^R 7.23	^R 6.73	^R 6.52	^R 6.04
North Dakota	4.51	4.31	NA	^R 4.51	^R 4.76	^R 5.21	^R 5.17	^R 5.40
Ohio	5.86	5.84	5.96	^R 5.58	^R 5.92	^R 5.94	^R 5.81	^R 6.07
Oklahoma	5.88	5.48	5.75	^R 5.09	^R 6.06	^R 6.36	^R 5.30	^R 5.36
Oregon	6.06	6.06	6.04	^R 5.66	^R 5.76	^R 5.49	^R 7.59	^R 5.81
Pennsylvania	7.31	7.11	6.77	^R 7.29	^R 6.98	^R 6.93	^R 7.08	^R 7.67
Rhode Island	7.70	7.39	6.94	^R 8.03	^R 7.87	^R 8.03	^R 8.17	^R 8.60
South Carolina	7.57	7.26	7.36	^R 6.54	^R 7.06	^R 7.18	6.05	^R 6.14
South Dakota	4.64	4.68	4.36	4.52	^R 5.10	^R 4.87	^R 5.37	^R 5.57
Tennessee	6.52	6.05	4.78	^R 5.73	^R 6.61	^R 7.02	^R 5.52	^R 5.19
Texas	4.41	4.61	4.34	^R 4.42	^R 4.24	^R 4.90	^R 4.82	^R 4.91
Utah	4.63	4.70	4.82	^R 4.13	4.54	4.72	3.98	3.99
Vermont	6.17	6.18	6.20	^R 5.69	^R 6.37	^R 6.14	^R 5.69	^R 5.83
Virginia	6.18	6.25	6.14	^R 5.99	^R 6.17	^R 6.37	^R 6.53	^R 6.44
Washington	^R 5.44	^R 5.44	^R 5.93	^R 4.89	^R 4.85	^R 5.10	^R 4.35	^R 5.25
West Virginia	6.29	5.97	6.14	^R 6.23	^R 4.79	^R 6.47	^R 6.58	^R 7.07
Wisconsin	5.34	5.15	5.07	^R 4.84	^R 5.10	^R 5.72	^R 4.04	^R 5.41
Wyoming	3.76	^R 4.51	^R 4.41	^R 4.38	^R 4.44	^R 4.34	^R 4.49	^R 4.43
Total	^R5.31	^R5.61	^R5.49	^R5.33	^R5.56	^R5.72	^R5.46	^R5.55

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1998-2000

(Dollars per Thousand Cubic Feet) — Continued

State	1999							
	August	July	June	May	April	March	February	January
Alabama	^R 7.27	^R 7.18	^R 7.05	^R 6.83	^R 6.22	^R 6.07	^R 6.90	^R 6.30
Alaska	^R 1.81	^R 1.85	^R 1.78	^R 1.97	^R 2.31	^R 2.37	^R 2.41	^R 2.47
Arizona	^R 6.37	^R 6.12	^R 6.04	^R 6.06	6.11	6.12	6.18	^R 6.12
Arkansas	^R 5.81	^R 5.73	^R 5.78	^R 5.86	^R 5.26	^R 4.87	^R 5.29	^R 4.71
California	^R 6.43	^R 6.01	^R 5.75	^R 5.54	^R 5.89	^R 5.47	^R 6.65	^R 6.16
Colorado	^R 4.75	^R 4.77	^R 4.67	^R 4.46	^R 4.45	^R 4.41	^R 4.39	^R 4.42
Connecticut	^R 4.87	^R 5.09	^R 5.35	^R 6.46	^R 6.63	^R 6.88	^R 6.98	^R 6.58
Delaware	^R 8.76	^R 8.27	^R 7.87	^R 7.29	^R 6.80	^R 6.67	^R 6.58	^R 6.66
District of Columbia	^R 6.97	^R 6.97	^R 6.89	^R 6.69	^R 6.75	^R 6.97	^R 7.11	^R 7.58
Florida	^R 6.65	^R 6.52	^R 6.37	^R 6.35	^R 6.23	^R 6.28	^R 6.44	^R 6.39
Georgia	^R 6.66	^R 7.84	^R 7.15	^R 5.36	^R 4.07	^R 2.60	^R 2.80	^R 2.35
Hawaii	14.45	14.46	14.00	13.28	13.08	13.19	13.41	13.79
Idaho	4.96	4.89	4.92	4.85	4.83	4.49	4.59	4.46
Illinois	^R 8.43	^R 7.87	^R 7.07	^R 6.50	^R 4.79	^R 4.40	^R 4.45	^R 4.43
Indiana	^R 6.21	^R 6.67	^R 6.94	^R 5.85	^R 5.23	^R 4.82	^R 5.25	^R 4.76
Iowa	6.19	6.25	6.44	5.51	4.67	4.11	^R 4.29	^R 4.11
Kansas	^R 4.65	^R 5.19	^R 5.52	^R 5.27	^R 4.68	^R 4.92	^R 4.90	^R 4.95
Kentucky	^R 5.71	^R 5.73	^R 5.57	^R 4.35	^R 5.01	^R 4.38	^R 4.91	^R 4.96
Louisiana	6.23	5.79	5.56	5.56	^R 5.28	5.29	^R 5.18	5.25
Maine	^R 7.41	^R 7.26	^R 7.36	7.20	7.01	6.81	6.79	6.48
Maryland	^R 7.33	^R 7.78	^R 8.27	^R 7.42	^R 7.02	^R 6.12	^R 6.90	6.49
Massachusetts	^R 6.60	^R 8.47	^R 6.66	^R 6.67	^R 8.09	^R 8.01	^R 7.33	^R 8.39
Michigan	^R 6.12	^R 5.90	^R 5.71	^R 5.17	^R 4.97	^R 4.72	^R 4.71	^R 4.68
Minnesota	^R 4.64	^R 4.49	^R 4.60	^R 4.37	^R 4.00	^R 4.19	^R 4.24	^R 4.32
Mississippi	^R 5.06	^R 4.62	^R 4.62	^R 4.96	^R 4.52	^R 4.40	^R 5.13	^R 4.66
Missouri	^R 5.90	^R 5.77	^R 3.69	^R 5.30	^R 5.27	^R 5.14	^R 5.52	^R 5.64
Montana	^R 6.57	^R 6.02	^R 5.66	^R 4.62	^R 4.91	^R 4.93	^R 4.94	^R 4.83
Nebraska	^R 4.20	^R 3.87	^R 3.97	^R 3.87	^R 3.80	^R 4.01	^R 4.03	^R 4.18
Nevada	^R 6.36	^R 6.52	^R 6.43	^R 6.12	^R 6.13	^R 5.92	^R 5.95	^R 5.88
New Hampshire	6.66	^R 6.41	6.25	^R 5.68	5.40	6.97	^R 7.08	6.89
New Jersey	^R 4.31	^R 3.37	^R 3.53	^R 3.83	^R 3.56	^R 3.81	^R 3.74	^R 3.92
New Mexico	^R 5.77	^R 4.78	^R 3.67	^R 3.58	^R 4.61	^R 3.83	^R 4.03	^R 3.35
New York	^R 3.77	^R 3.91	^R 3.99	^R 5.31	^R 5.87	^R 4.58	^R 6.31	^R 5.86
North Carolina	^R 6.19	^R 6.04	^R 6.03	^R 5.77	^R 5.54	^R 5.79	^R 6.35	^R 6.16
North Dakota	^R 5.22	^R 5.31	^R 5.25	^R 4.06	^R 4.05	^R 4.19	^R 4.14	^R 4.28
Ohio	^R 6.47	^R 6.49	^R 6.44	^R 5.72	^R 5.28	^R 5.17	^R 5.24	^R 5.58
Oklahoma	^R 5.30	^R 5.37	^R 5.92	^R 4.93	^R 4.65	^R 5.04	^R 5.18	^R 4.44
Oregon	^R 5.83	^R 5.69	^R 5.61	^R 5.51	^R 5.51	^R 5.49	^R 5.50	^R 5.38
Pennsylvania	^R 8.19	^R 8.06	^R 8.95	^R 7.08	^R 7.96	^R 6.98	^R 7.21	^R 7.25
Rhode Island	^R 14.15	^R 8.95	^R 8.72	^R 8.47	^R 8.05	^R 7.75	^R 7.77	^R 7.76
South Carolina	^R 6.03	^R 5.92	^R 6.02	^R 6.06	^R 6.47	^R 6.42	^R 6.96	^R 6.77
South Dakota	^R 6.00	^R 5.30	^R 5.38	^R 4.92	^R 4.24	^R 3.91	^R 4.17	^R 3.93
Tennessee	^R 6.06	^R 5.97	^R 5.64	^R 5.55	^R 5.46	^R 5.56	^R 5.77	^R 5.06
Texas	^R 4.36	^R 4.58	^R 4.10	^R 4.75	^R 4.89	^R 3.67	^R 3.86	^R 4.98
Utah	4.10	4.19	3.85	3.31	3.24	4.25	4.14	4.20
Vermont	^R 5.92	^R 5.87	^R 5.79	^R 5.72	^R 5.65	^R 5.64	^R 5.37	^R 5.26
Virginia	^R 6.27	^R 6.15	^R 5.73	^R 5.85	^R 5.77	^R 5.61	^R 5.99	^R 5.76
Washington	^R 5.97	^R 5.12	^R 5.43	^R 5.04	^R 4.91	^R 4.84	^R 4.74	^R 4.64
West Virginia	^R 6.99	^R 7.25	^R 7.32	^R 6.94	^R 6.19	^R 6.26	^R 6.28	^R 6.28
Wisconsin	^R 4.89	^R 4.60	^R 4.57	^R 4.20	^R 4.33	^R 4.68	^R 4.80	^R 4.95
Wyoming	^R 4.99	^R 4.63	^R 4.43	^R 4.34	^R 4.34	^R 4.29	^R 4.29	^R 4.36
Total	^R 5.46	^R 5.44	^R 5.29	^R 5.34	^R 5.32	^R 4.97	^R 5.28	^R 5.19

^R Revised Data.

^{NA} Not Available.

Notes: Data for 1999 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. Average Price of Natural Gas Sold to Industrial Consumers, by State, 1998-2000

(Dollars per Thousand Cubic Feet)

State	YTD 2000	YTD 1999	YTD 1998	2000				
				August	July	June	May	April
Alabama	3.90	3.31	3.30	—	4.79	4.75	3.65	3.57
Alaska	1.48	1.22	1.40	1.60	1.55	1.51	1.40	1.49
Arizona	3.98	3.37	3.30	4.30	4.70	4.50	4.00	4.10
Arkansas	NA	3.30	3.54	NA	NA	NA	NA	NA
California	4.72	3.25	3.89	5.55	5.75	5.09	4.53	4.45
Colorado	3.13	2.73	1.69	3.45	^R 3.65	^R 3.49	^R 3.01	^R 3.00
Connecticut	5.29	4.01	4.47	5.45	5.43	4.86	4.67	5.00
Delaware	4.57	3.93	4.28	5.79	7.18	5.14	4.90	5.05
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.67	3.55	4.05	5.29	5.08	5.29	4.88	3.93
Georgia	NA	3.11	4.28	4.35	4.58	NA	^R 3.90	3.90
Hawaii	9.56	8.18	—	11.21	10.21	10.20	10.13	9.57
Idaho	3.61	3.25	3.11	3.96	4.47	3.43	3.44	3.53
Illinois	4.69	3.73	4.14	6.41	6.65	5.16	4.92	4.33
Indiana	4.48	4.20	4.50	4.56	4.13	4.60	5.04	4.47
Iowa	4.36	3.56	3.30	5.29	5.21	3.55	6.15	4.26
Kansas	3.86	2.81	3.28	3.96	4.10	3.81	3.28	3.86
Kentucky	4.18	3.13	4.11	5.37	4.76	4.41	4.03	3.76
Louisiana	3.33	2.29	2.61	2.61	4.57	4.41	3.27	3.15
Maine	NA	5.06	5.31	NA	NA	NA	NA	5.42
Maryland	6.77	5.49	5.55	8.26	6.84	6.87	6.35	5.99
Massachusetts	NA	5.08	5.86	NA	NA	NA	NA	NA
Michigan	4.09	3.82	3.91	4.41	4.48	4.67	4.17	4.08
Minnesota	3.75	2.74	2.93	4.24	4.98	4.72	3.53	3.46
Mississippi	3.93	3.07	3.29	4.65	5.09	4.71	3.64	^R 3.71
Missouri	5.10	4.17	4.45	6.44	5.71	5.13	5.03	5.04
Montana	4.69	3.40	4.55	6.37	5.69	3.75	4.44	5.88
Nebraska	4.03	3.23	3.33	4.98	5.08	4.70	3.68	3.65
Nevada	4.67	4.69	5.38	5.37	5.43	3.95	4.39	3.66
New Hampshire	NA	4.18	4.82	NA	NA	NA	NA	5.39
New Jersey	NA	3.01	3.23	NA	NA	4.39	3.96	4.02
New Mexico	3.65	2.72	3.53	5.11	4.73	2.74	3.41	2.41
New York	NA	3.61	4.35	NA	4.88	4.97	5.30	NA
North Carolina	4.76	3.37	4.01	7.84	5.12	4.24	3.61	4.21
North Dakota	4.29	2.60	2.95	4.46	4.76	4.68	13.05	3.21
Ohio	5.28	3.86	4.40	6.71	6.50	4.44	5.44	4.49
Oklahoma	NA	3.43	3.74	NA	5.32	5.38	4.58	4.46
Oregon	4.73	3.95	3.72	5.50	4.43	4.36	8.19	4.38
Pennsylvania	4.85	3.97	4.23	4.90	4.72	4.85	^R 4.69	4.67
Rhode Island	4.73	4.14	3.90	5.16	5.64	5.42	4.77	4.67
South Carolina	4.38	3.14	3.35	4.80	5.14	5.15	4.10	4.01
South Dakota	3.58	3.18	3.34	3.51	4.25	4.03	3.83	3.39
Tennessee	NA	3.61	3.98	5.00	4.83	NA	4.25	4.33
Texas	NA	2.38	2.42	NA	NA	4.25	3.31	3.08
Utah	3.29	2.90	2.96	3.87	3.03	3.02	3.16	2.69
Vermont	4.26	2.80	2.90	4.56	4.41	4.52	3.98	3.98
Virginia	NA	3.71	3.96	4.89	5.15	4.70	4.74	NA
Washington	3.25	2.62	2.78	2.75	^R 2.82	^R 3.25	^R 3.26	^R 3.50
West Virginia	4.60	2.87	3.37	4.63	5.04	4.77	3.12	5.25
Wisconsin	4.56	3.90	3.88	5.07	5.68	5.43	4.02	4.45
Wyoming	NA	3.32	3.39	NA	3.80	^R 3.69	^R 3.53	3.36
Total	3.87	2.97	3.26	4.21	^R4.45	^R4.31	^R3.73	^R3.63

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 1998-2000

(Dollars per Thousand Cubic Feet) — Continued

State	2000			1999				
	March	February	January	Total	December	November	October	September
Alabama	3.44	3.47	3.45	R3.42	R3.54	R3.91	R3.49	R3.69
Alaska	1.43	1.41	1.40	1.25	1.37	1.34	1.29	1.16
Arizona	3.53	3.54	3.38	3.42	3.44	3.63	3.55	3.48
Arkansas	NA	NA	NA	R3.45	R3.71	R3.80	R3.79	R3.51
California	4.37	4.45	3.82	R3.34	R3.89	R4.26	R3.87	R2.61
Colorado	R2.83	2.81	R2.74	R2.81	R2.77	R3.32	R3.00	R2.87
Connecticut	5.49	5.53	5.36	R4.15	R4.90	R4.60	R4.08	R3.90
Delaware	4.24	5.40	2.64	R4.07	R3.87	R5.13	R4.50	R4.53
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.49	4.40	4.06	R4.03	R3.77	R3.96	R3.54	R3.89
Georgia	3.67	4.00	4.31	R3.41	R4.35	R4.27	R4.24	R4.22
Hawaii	8.53	8.48	8.28	8.21	8.28	8.19	8.29	8.28
Idaho	3.42	3.50	3.54	R3.29	3.55	3.51	3.29	3.23
Illinois	5.05	3.78	4.06	R4.06	4.58	4.76	5.17	4.56
Indiana	4.47	5.68	3.60	R4.16	R3.96	R4.20	R4.10	R4.23
Iowa	4.26	3.88	4.14	R3.98	R5.02	R4.97	R4.65	R4.61
Kansas	3.56	4.03	3.59	R2.93	R3.49	R3.76	R3.39	R2.83
Kentucky	3.60	4.07	3.87	R3.32	R4.14	R3.67	R3.36	R3.38
Louisiana	2.94	2.92	2.77	R2.54	R2.66	R3.54	R2.70	R2.93
Maine	5.80	5.16	4.60	R4.93	4.98	R4.71	4.60	4.44
Maryland	6.67	7.89	5.67	R5.69	R6.29	R5.75	R5.66	R6.75
Massachusetts	NA	NA	NA	R5.23	R5.85	R5.54	R4.98	R5.31
Michigan	4.18	3.84	3.92	R3.69	R3.82	R2.42	R4.05	R4.29
Minnesota	3.29	3.31	3.28	R2.98	R2.92	R3.68	R3.92	R3.45
Mississippi	3.49	3.52	3.35	R3.24	R3.25	R3.86	R3.44	R3.69
Missouri	4.65	5.12	4.87	R4.42	R4.94	R4.34	R4.42	R4.14
Montana	4.22	4.51	4.40	R3.44	R3.33	R3.36	R4.01	R4.33
Nebraska	3.77	3.70	3.51	R3.38	3.59	R4.09	R3.62	R3.67
Nevada	4.68	5.08	4.82	R4.76	R4.94	R4.98	R4.64	R4.97
New Hampshire	NA	7.70	7.03	R4.60	R8.38	R5.77	R3.75	R3.75
New Jersey	3.33	4.00	3.55	R3.14	R2.22	R2.39	R1.86	R7.88
New Mexico	2.84	2.79	3.44	R2.69	R0.95	2.29	R3.19	R2.58
New York	NA	4.98	5.13	R3.89	R4.10	R4.13	R4.09	R3.93
North Carolina	4.71	5.13	5.04	R3.78	R3.44	R4.81	R5.72	R3.85
North Dakota	3.07	3.02	3.17	R2.80	R2.91	R3.45	R3.15	R3.25
Ohio	4.97	5.39	5.38	R3.94	R4.33	R4.15	R3.99	R3.86
Oklahoma	4.48	4.63	4.51	R3.51	R3.93	R3.85	R3.36	R3.38
Oregon	4.46	4.31	4.39	4.01	4.31	4.19	3.94	4.08
Pennsylvania	4.69	4.96	5.20	R3.99	R4.34	R4.07	R3.92	R3.71
Rhode Island	5.34	5.54	2.61	R4.40	R5.44	R5.05	R5.07	R4.60
South Carolina	3.94	4.16	4.03	R3.39	R3.60	R4.17	R3.75	R3.82
South Dakota	3.52	3.46	3.37	R3.35	R3.76	R3.68	R3.75	R3.84
Tennessee	4.32	4.36	4.20	R3.72	R4.43	R4.52	R4.19	R3.07
Texas	2.80	2.72	2.55	R2.55	R2.53	2.94	R2.78	2.83
Utah	3.44	3.39	3.45	R2.94	R3.60	R2.96	R2.83	R2.86
Vermont	4.01	4.38	4.21	R3.06	R3.70	R3.53	R3.37	R3.21
Virginia	4.27	4.09	4.85	R3.95	R4.46	R5.97	R3.39	R3.34
Washington	R3.36	R3.50	R3.39	R2.78	R1.71	R3.50	R2.85	R3.14
West Virginia	4.13	4.53	4.88	R3.04	R3.21	R3.97	R3.60	R3.36
Wisconsin	4.26	4.32	4.24	R4.05	R3.72	R4.93	R3.78	R4.33
Wyoming	3.28	3.30	3.34	R3.30	R3.32	R3.29	R3.31	R3.17
Total	3.54	3.67	R3.48	R3.10	R3.05	R3.51	R3.20	R3.41

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 1998-2000

(Dollars per Thousand Cubic Feet) — Continued

State	1999							
	August	July	June	May	April	March	February	January
Alabama	3.42	3.16	3.24	3.39	3.34	3.16	3.44	3.35
Alaska	1.33	1.27	1.24	1.21	1.18	1.17	1.18	1.20
Arizona	3.29	3.26	3.62	3.11	3.26	3.71	3.42	3.48
Arkansas	3.81	3.35	3.22	3.29	3.11	3.20	3.30	3.18
California	3.53	3.33	3.20	3.08	3.11	3.27	2.80	3.85
Colorado	2.75	2.66	2.60	2.76	2.65	2.63	2.98	3.06
Connecticut	3.80	3.52	3.68	3.68	3.96	4.20	4.36	4.46
Delaware	4.15	4.06	4.01	3.40	4.17	3.91	3.84	4.23
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.70	3.83	3.68	3.59	3.41	3.30	3.54	3.46
Georgia	3.64	4.38	3.46	3.31	2.96	2.77	2.72	2.73
Hawaii	8.04	8.04	8.31	8.52	8.02	8.10	8.07	8.41
Idaho	3.22	3.59	3.21	3.22	3.26	3.14	3.23	3.19
Illinois	4.39	4.17	4.03	3.85	3.17	3.50	3.71	3.81
Indiana	3.69	4.51	4.41	5.46	4.65	3.50	4.04	4.67
Iowa	3.98	2.31	6.05	3.54	3.28	3.34	3.53	3.33
Kansas	2.63	2.55	2.51	2.97	2.98	3.18	3.26	3.25
Kentucky	3.28	3.01	2.92	3.11	2.92	3.12	3.37	3.19
Louisiana	2.73	2.50	2.37	2.21	2.34	1.97	2.02	2.17
Maine	4.58	4.38	4.37	4.40	6.11	5.76	6.05	5.20
Maryland	4.86	5.92	6.01	6.26	4.64	4.24	6.55	6.24
Massachusetts	4.71	5.64	4.30	5.10	5.36	5.19	5.95	4.05
Michigan	4.48	4.68	4.17	3.79	3.65	3.72	3.62	3.88
Minnesota	2.70	2.85	2.58	3.05	2.51	2.65	2.79	2.84
Mississippi	3.42	3.10	3.10	3.23	3.00	2.79	3.16	2.85
Missouri	3.93	3.70	3.92	3.90	3.98	4.01	4.59	4.48
Montana	4.60	4.30	4.54	3.28	3.63	3.63	3.62	2.58
Nebraska	3.50	3.15	3.40	3.15	3.04	3.20	3.11	3.34
Nevada	4.92	4.84	4.89	4.75	4.64	4.57	4.63	4.63
New Hampshire	3.64	3.48	3.61	1.54	2.07	6.45	6.78	6.54
New Jersey	1.31	1.70	1.67	1.68	5.25	3.35	1.53	5.55
New Mexico	2.45	2.85	3.79	1.72	2.51	3.89	1.79	1.77
New York	3.92	2.96	2.55	3.16	3.89	3.68	3.79	3.82
North Carolina	3.17	3.10	3.29	3.14	3.16	3.87	3.68	3.71
North Dakota	3.01	2.74	2.60	2.78	2.38	2.48	2.54	2.67
Ohio	4.47	5.00	4.12	2.61	3.91	3.70	3.88	4.10
Oklahoma	3.20	3.36	3.33	4.55	3.16	3.38	3.38	3.33
Oregon	4.01	3.93	3.94	3.96	3.89	3.69	4.38	3.87
Pennsylvania	3.64	3.51	3.60	3.72	3.98	4.19	4.23	4.37
Rhode Island	2.86	4.30	3.61	4.10	3.86	4.74	5.23	5.48
South Carolina	3.52	3.17	3.29	3.13	2.85	2.99	3.22	3.06
South Dakota	3.50	3.52	3.53	3.25	3.01	3.02	3.11	3.12
Tennessee	4.42	2.90	3.60	3.47	3.43	3.60	3.80	3.86
Texas	2.70	2.54	2.42	2.58	2.08	1.95	2.01	2.11
Utah	2.78	2.78	2.79	2.85	2.91	3.23	3.08	2.78
Vermont	3.00	2.81	2.80	2.78	2.72	2.70	2.73	2.98
Virginia	2.87	3.40	3.49	3.40	3.16	3.76	3.86	5.09
Washington	2.79	3.02	2.59	2.82	2.34	2.66	2.72	2.22
West Virginia	3.18	3.09	2.93	2.97	2.90	2.58	2.68	2.68
Wisconsin	3.98	3.47	3.63	3.55	4.00	3.92	4.03	4.11
Wyoming	3.36	3.39	3.28	3.27	2.75	3.97	3.40	3.07
Total	2.99	2.86	2.81	2.86	3.00	2.95	2.92	3.29

^R Revised Data.

^{NA} Not Available.

— Not Applicable.

Notes: Data for 1999 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, 1998-2000

(Dollars per Thousand Cubic Feet)

State	YTD 2000	YTD 1999	YTD 1998	2000				
				July	June	May	April	March
Alabama	4.41	2.83	2.58	4.37	4.68	4.75	3.45	1.41
Alaska	1.68	1.65	1.85	1.75	1.63	1.74	1.75	1.63
Arizona	4.00	2.46	2.62	4.70	4.75	3.77	3.40	3.01
Arkansas	3.75	2.40	2.40	4.69	4.72	3.79	3.20	2.99
California	4.02	2.63	2.85	4.68	4.87	4.19	3.54	3.38
Colorado	3.38	2.63	2.72	4.06	3.96	3.48	3.08	2.86
Connecticut	—	2.54	2.52	—	—	—	—	—
Delaware	4.82	2.71	2.98	6.05	5.10	4.20	5.87	5.86
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.98	2.90	2.39	5.10	5.15	3.89	3.68	3.36
Georgia	4.14	2.42	3.13	4.21	4.19	3.93	3.89	3.41
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	4.12	2.31	2.35	4.74	5.11	3.64	3.57	3.11
Indiana	4.12	2.86	2.96	4.43	5.80	4.42	4.19	3.52
Iowa	3.96	3.00	3.07	4.61	5.25	3.81	3.43	3.26
Kansas	3.49	2.21	2.26	3.99	3.87	3.54	3.15	2.92
Kentucky	5.43	3.08	3.56	5.09	6.06	7.17	5.83	4.93
Louisiana	3.74	2.36	2.53	4.64	4.75	3.62	3.22	2.97
Maine	—	—	—	—	—	—	—	—
Maryland	4.35	2.94	2.99	4.69	4.95	4.16	3.69	3.35
Massachusetts	4.02	2.59	2.98	4.74	4.97	3.97	3.67	3.40
Michigan	2.72	1.60	1.08	3.13	3.17	2.85	3.16	3.19
Minnesota	3.89	2.57	2.56	4.76	4.28	3.54	3.27	3.13
Mississippi	3.46	2.30	2.44	3.74	4.44	3.76	3.17	2.84
Missouri	3.81	2.46	2.40	4.45	4.51	3.77	3.23	2.99
Montana	4.58	4.03	5.00	5.35	4.94	3.37	3.53	3.88
Nebraska	4.24	2.55	2.48	4.78	4.33	4.07	3.53	3.31
Nevada	3.49	2.38	2.38	4.13	4.19	3.56	3.03	2.90
New Hampshire	3.27	2.43	—	—	—	3.70	3.47	3.19
New Jersey	4.38	2.92	2.85	5.19	4.77	3.79	3.77	3.51
New Mexico	3.31	2.09	2.33	4.38	4.27	3.35	2.99	2.66
New York	4.16	2.66	2.73	4.70	4.82	3.97	3.55	3.47
North Carolina	4.12	2.66	2.85	4.28	4.27	3.70	3.82	4.28
North Dakota	—	—	—	—	—	—	—	—
Ohio	4.09	3.00	3.09	5.35	3.39	5.49	1.25	4.03
Oklahoma	3.86	2.56	2.69	4.54	4.67	3.73	3.30	3.20
Oregon	2.61	1.88	1.30	2.81	3.35	2.75	2.50	2.27
Pennsylvania	3.51	2.99	3.16	3.18	5.09	3.42	3.25	3.07
Rhode Island	—	—	3.37	—	—	—	—	—
South Carolina	5.30	3.47	3.69	5.42	5.36	5.03	4.39	4.07
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	3.54	2.28	2.42	4.34	4.40	3.50	3.06	2.83
Utah	3.38	2.38	2.12	3.58	3.79	3.45	3.13	2.96
Vermont	4.18	2.56	2.94	4.40	4.66	3.83	3.56	3.32
Virginia	4.14	3.00	3.16	5.06	5.48	4.09	4.00	3.21
Washington	—	—	2.79	—	—	—	—	—
West Virginia	4.19	3.01	4.53	5.84	4.19	3.75	4.19	4.10
Wisconsin	3.84	2.82	2.81	4.94	4.86	3.80	3.49	3.23
Wyoming	3.81	4.09	8.52	3.42	4.27	3.72	3.31	2.94
Total	3.64	2.43	2.50	4.36	4.46	3.61	3.22	2.99

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Electric Utility^a Consumers, by State, 1998-2000

(Dollars per Thousand Cubic Feet) — Continued

State	2000		1999					
	February	January	Total	December	November	October	September	August
Alabama	2.94	4.94	^a 2.98	3.72	3.09	3.95	3.64	2.28
Alaska	1.64	1.62	1.59	1.57	1.55	1.48	1.40	1.50
Arizona	2.94	2.64	2.67	2.62	3.04	2.96	3.03	2.84
Arkansas	2.86	2.84	^a 2.59	2.60	2.56	2.90	3.06	2.96
California	3.23	2.83	2.76	2.74	3.00	2.98	3.19	3.00
Colorado	2.78	2.51	^a 2.65	2.66	2.84	3.13	2.94	2.52
Connecticut	—	—	^a 2.74	3.20	3.06	3.02	2.88	2.65
Delaware	5.87	3.61	^a 2.98	3.81	3.70	3.34	3.35	3.06
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.33	3.03	3.10	2.95	3.56	3.22	3.54	3.33
Georgia	11.20	1.20	2.57	2.85	3.65	3.13	2.62	2.66
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	3.14	2.78	^a 2.41	2.37	2.25	3.15	2.86	2.72
Indiana	3.31	3.29	^a 2.97	3.26	4.05	4.56	4.04	2.86
Iowa	3.19	3.00	^a 3.15	3.14	3.12	3.54	3.52	2.94
Kansas	2.69	2.56	^a 2.36	2.57	2.87	2.81	2.73	2.60
Kentucky	3.59	3.17	^a 3.49	2.93	4.25	3.45	3.33	3.26
Louisiana	2.96	2.71	^a 2.59	2.49	3.09	2.87	3.07	2.91
Maine	—	—	—	—	—	—	—	—
Maryland	3.72	3.84	^a 3.20	3.60	3.68	3.25	3.29	3.44
Massachusetts	3.42	2.98	^a 2.72	3.39	2.88	3.10	2.99	2.99
Michigan	2.06	1.78	^a 1.53	1.58	1.69	0.96	1.19	1.55
Minnesota	3.56	2.62	^a 2.69	3.23	4.20	3.52	3.08	1.93
Mississippi	2.94	2.66	^a 2.49	2.52	2.56	2.82	2.79	2.79
Missouri	2.85	2.75	^a 2.66	2.78	3.00	3.06	2.81	2.91
Montana	3.71	4.13	^a 2.01	1.39	1.44	2.48	5.15	6.14
Nebraska	3.24	2.87	^a 2.80	3.05	4.18	2.89	3.05	3.24
Nevada	2.69	2.99	2.51	2.72	2.78	2.68	2.78	2.49
New Hampshire	3.18	—	^a 2.67	—	—	—	3.02	3.02
New Jersey	4.15	4.98	3.08	3.69	3.08	3.35	3.24	3.37
New Mexico	2.58	2.47	2.31	2.39	2.40	2.58	2.69	2.68
New York	4.20	3.96	^a 2.85	3.14	3.19	3.28	3.20	3.05
North Carolina	4.35	4.21	^a 2.92	4.72	4.70	3.61	3.11	3.09
North Dakota	—	—	—	—	—	—	—	—
Ohio	4.60	3.46	^a 3.15	4.20	3.11	3.11	2.91	2.98
Oklahoma	3.44	3.08	^a 2.79	3.07	3.43	3.15	3.18	2.94
Oregon	2.20	2.22	1.96	2.20	2.26	2.00	1.83	1.66
Pennsylvania	3.35	3.24	^a 3.03	3.08	3.15	3.09	2.95	3.12
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	7.47	8.54	^a 3.57	4.06	3.80	3.84	3.99	3.85
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	2.73	2.59	2.51	2.60	2.94	2.76	2.88	2.83
Utah	2.83	2.86	^a 2.65	2.68	3.14	3.12	2.85	2.67
Vermont	3.33	3.09	3.23	2.92	3.78	2.17	3.25	3.31
Virginia	4.01	3.23	^a 3.16	3.69	3.96	4.29	3.35	3.42
Washington	—	—	—	—	—	—	—	—
West Virginia	3.07	4.36	^a 3.00	—	2.95	2.88	2.91	2.93
Wisconsin	3.16	3.22	2.93	2.97	3.44	3.29	3.45	2.99
Wyoming	2.70	2.82	^a 3.89	1.98	2.39	3.95	5.75	4.59
Total	2.95	2.74	2.62	2.68	3.01	2.83	2.98	2.86

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Electric Utility^a Consumers, by State, 1998-2000

(Dollars per Thousand Cubic Feet) — Continued

State	1999							1998
	July	June	May	April	March	February	January	Total
Alabama	3.26	2.73	2.70	2.52	2.25	2.07	2.22	2.58
Alaska	1.62	1.59	1.61	1.60	1.72	1.70	1.68	1.80
Arizona	2.56	2.62	2.67	2.22	2.13	2.29	2.32	2.42
Arkansas	2.58	2.49	2.52	2.22	1.88	1.94	2.04	2.29
California	2.71	2.57	2.73	2.42	2.75	2.55	2.70	2.79
Colorado	2.53	3.18	2.60	2.25	2.18	2.24	3.26	2.98
Connecticut	2.59	2.52	2.50	2.54	2.12	2.02	2.11	2.44
Delaware	2.72	2.71	2.53	2.46	2.46	2.98	3.34	2.89
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.98	3.04	3.14	2.66	2.58	2.86	2.86	2.27
Georgia	2.60	2.47	2.58	2.13	1.37	2.15	4.83	3.21
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	2.48	2.44	2.36	2.20	1.86	1.81	2.27	2.25
Indiana	2.82	2.79	3.19	3.14	2.71	2.78	2.99	2.88
Iowa	2.93	2.97	3.01	2.78	3.13	3.45	3.56	3.07
Kansas	2.31	2.35	2.35	2.08	1.80	1.96	2.24	2.14
Kentucky	2.88	3.15	5.12	3.77	3.33	2.99	2.51	3.40
Louisiana	2.55	2.52	2.58	2.25	2.01	2.09	2.13	2.37
Maine	—	—	—	—	—	—	—	—
Maryland	2.98	2.88	3.27	2.55	2.60	3.46	3.52	2.75
Massachusetts	2.73	2.75	2.58	2.26	2.10	2.13	2.43	2.78
Michigan	1.92	1.79	1.74	1.09	0.88	1.33	2.07	1.24
Minnesota	2.60	2.48	2.32	2.31	2.56	3.49	3.02	2.36
Mississippi	2.43	2.43	2.45	2.30	1.91	1.95	2.05	2.31
Missouri	2.54	2.48	2.41	2.31	2.16	2.29	2.34	2.26
Montana	4.20	4.40	10.99	5.69	7.37	5.20	2.04	2.06
Nebraska	2.59	2.63	2.72	2.46	1.37	2.79	2.28	2.40
Nevada	2.43	2.46	2.43	2.55	2.07	2.40	2.20	2.38
New Hampshire	2.43	2.44	—	—	—	—	—	—
New Jersey	2.97	2.88	2.85	2.94	2.46	2.76	2.95	2.74
New Mexico	2.30	2.31	2.22	2.05	1.79	1.89	2.03	2.22
New York	2.80	2.72	2.71	2.49	2.37	2.55	2.80	2.57
North Carolina	2.56	2.70	2.71	3.31	3.32	3.33	3.34	2.81
North Dakota	—	—	—	—	—	—	—	—
Ohio	3.34	2.99	2.42	2.06	2.99	3.32	3.88	3.24
Oklahoma	2.65	2.59	2.66	2.58	2.28	2.55	2.44	2.48
Oregon	1.78	1.99	1.91	1.79	1.67	1.83	2.01	1.56
Pennsylvania	3.40	2.36	3.18	2.55	3.02	2.98	2.94	3.26
Rhode Island	—	—	—	—	—	—	—	3.38
South Carolina	3.47	3.70	3.46	2.94	3.02	2.86	3.00	3.62
South Dakota	—	—	—	—	—	—	—	1.77
Tennessee	—	—	—	—	—	—	—	—
Texas	2.44	2.40	2.44	2.17	1.99	2.09	2.10	2.30
Utah	2.39	2.43	2.36	2.36	2.56	2.19	2.24	2.11
Vermont	—	2.94	3.03	2.56	2.44	2.47	2.55	2.90
Virginia	2.78	3.39	2.89	2.79	3.09	3.12	3.18	3.10
Washington	—	—	—	—	—	—	—	3.44
West Virginia	3.13	3.08	2.81	3.12	2.96	2.93	3.19	3.29
Wisconsin	2.90	2.80	2.92	2.63	2.51	2.79	2.64	2.67
Wyoming	3.14	2.60	6.59	13.06	6.02	4.83	6.92	8.31
Total	2.58	2.53	2.57	2.29	2.15	2.26	2.32	2.40

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

^R Revised Data.

— Not Applicable.

Notes: Data for 1998 and 1999 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.

Sources: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1998-2000

State	YTD 2000		YTD 1999		YTD 1998		2000	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	August	
							Commercial	Industrial
Alabama	77.7	15.5	75.5	22.3	82.6	24.0	74.1	14.9
Alaska	73.0	93.8	52.9	99.7	49.9	99.1	76.9	99.9
Arizona	82.7	36.2	83.5	34.0	85.9	32.8	84.5	34.7
Arkansas	NA	NA	89.6	9.1	92.7	9.0	100.0	NA
California	55.9	5.3	57.8	9.7	53.5	9.8	46.4	4.1
Colorado	96.1	12.6	97.3	13.4	94.8	13.3	96.6	3.2
Connecticut	79.0	47.4	64.7	57.8	70.5	55.4	81.1	64.3
Delaware	98.2	10.9	99.0	19.6	100.0	23.1	98.4	9.1
District of Columbia	38.0	—	47.2	—	53.7	—	21.7	—
Florida	64.0	2.8	95.1	5.5	96.9	7.5	59.7	3.3
Georgia	NA	NA	82.6	23.2	86.2	26.7	15.6	22.5
Hawaii	100.0	100.0	100.0	100.0	100.0	—	100.0	100.0
Idaho	87.4	2.8	87.3	2.9	87.8	2.5	81.7	2.5
Illinois	40.7	8.1	43.8	9.3	49.4	9.0	28.9	4.8
Indiana	76.7	7.4	79.6	5.9	81.4	9.9	67.6	8.0
Iowa	78.8	6.3	84.2	7.4	86.3	6.2	75.4	4.6
Kansas	77.4	10.6	69.5	9.9	72.4	10.8	80.5	18.4
Kentucky	85.1	14.3	88.2	18.2	87.9	17.1	79.2	15.1
Louisiana	NA	8.9	94.2	8.1	95.1	7.7	NA	7.1
Maine	NA	NA	100.0	78.9	100.0	88.0	NA	NA
Maryland	34.0	5.2	34.1	5.7	38.1	6.3	30.6	3.6
Massachusetts	NA	NA	55.6	17.0	55.8	13.7	NA	NA
Michigan	57.8	7.4	57.6	9.5	60.8	8.6	41.1	4.5
Minnesota	NA	37.9	97.2	38.4	98.0	40.2	98.6	41.2
Mississippi	96.5	34.3	96.3	26.6	94.5	37.7	100.0	54.3
Missouri	80.0	14.5	79.9	19.7	79.5	19.1	65.5	7.9
Montana	78.9	2.0	78.7	1.5	78.9	1.6	75.7	—
Nebraska	60.2	14.7	65.4	14.2	76.7	12.1	64.3	15.0
Nevada	54.5	5.2	62.5	8.1	72.6	2.4	42.2	12.1
New Hampshire	NA	NA	94.0	22.8	94.0	35.2	NA	NA
New Jersey	NA	NA	55.3	45.9	61.7	45.4	NA	NA
New Mexico	55.3	19.9	61.2	14.5	65.4	10.0	54.3	28.4
New York	NA	NA	58.5	3.0	53.5	5.6	NA	NA
North Carolina	95.3	48.0	94.1	48.5	91.8	33.4	84.5	26.4
North Dakota	NA	14.5	88.0	14.1	83.8	13.3	83.8	9.8
Ohio	41.2	2.6	47.9	4.4	56.9	4.6	30.1	0.8
Oklahoma	NA	NA	73.9	3.9	75.5	4.0	NA	NA
Oregon	99.2	12.3	98.8	14.6	99.1	14.9	98.8	13.1
Pennsylvania	NA	10.4	58.0	11.6	56.8	13.4	50.7	9.0
Rhode Island	56.1	9.9	55.5	4.3	62.8	7.4	40.1	100.0
South Carolina	98.6	83.8	97.0	85.6	98.3	86.5	95.2	78.8
South Dakota	80.8	29.9	81.7	38.9	83.8	33.7	77.7	10.9
Tennessee	NA	NA	88.3	34.4	88.5	34.8	85.7	20.9
Texas	NA	NA	77.5	21.5	81.1	14.2	NA	NA
Utah	83.8	9.9	82.6	9.6	82.3	8.1	75.2	94.6
Vermont	100.0	83.3	100.0	76.3	100.0	100.0	100.0	79.6
Virginia	65.1	NA	67.1	11.5	72.9	13.1	56.3	16.8
Washington	92.9	21.6	88.9	25.7	86.8	18.7	88.0	27.3
West Virginia	51.7	2.6	53.3	12.1	50.4	6.2	33.7	2.0
Wisconsin	79.8	18.3	79.2	20.4	74.7	22.1	66.9	15.4
Wyoming	NA	NA	91.2	3.2	89.7	2.0	NA	NA
Total	64.3	15.8	67.0	16.8	68.4	15.5	56.8	15.1

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1998-2000 — Continued

State	2000							
	July		June		May		April	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	73.6	14.4	71.6	14.2	75.4	13.9	73.7	16.5
Alaska	77.3	99.9	81.7	99.9	68.1	99.8	73.7	99.9
Arizona	81.9	33.3	82.5	38.6	80.6	32.8	81.5	^R 27.5
Arkansas	NA	NA						
California	51.7	4.5	57.3	5.1	55.3	5.5	56.5	6.2
Colorado	^R 96.7	^R 3.3	^R 97.2	^R 1.9	^R 96.9	^R 0.7	^R 97.1	^R 0.4
Connecticut	83.1	50.3	80.7	45.4	79.4	53.2	77.1	30.6
Delaware	98.7	3.2	98.3	9.6	98.6	7.3	98.6	11.0
District of Columbia	28.6	—	28.0	—	30.0	—	34.2	—
Florida	60.3	3.2	61.7	4.3	63.5	3.7	64.4	4.1
Georgia	15.8	31.7	NA	NA	19.2	^R 34.9	15.0	30.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	83.5	2.2	85.0	1.9	82.8	2.3	88.1	2.8
Illinois	26.2	5.6	25.9	4.9	32.5	4.6	40.4	7.4
Indiana	68.4	7.9	^R 67.5	6.3	72.0	5.7	79.6	8.0
Iowa	69.0	3.7	66.2	7.1	51.6	4.7	77.1	5.5
Kansas	79.6	18.9	80.4	13.5	82.3	8.4	80.2	6.0
Kentucky	79.8	13.7	76.3	15.6	77.3	14.3	84.2	14.2
Louisiana	^R 96.2	9.6	^R 96.7	9.4	^R 96.8	8.2	^R 97.4	8.2
Maine	NA	NA	NA	NA	NA	NA	100.0	55.1
Maryland	27.1	8.7	22.9	4.4	27.2	5.7	27.5	1.4
Massachusetts	NA	NA						
Michigan	36.6	4.8	41.6	5.8	50.8	7.2	56.0	9.3
Minnesota	97.2	37.0	96.3	24.9	98.3	59.6	96.1	39.6
Mississippi	94.7	35.1	92.1	46.3	93.7	45.9	^R 95.1	^R 43.0
Missouri	67.5	10.4	68.9	10.8	74.8	12.1	78.9	15.3
Montana	74.7	—	70.4	—	74.5	0.1	77.0	0.1
Nebraska	67.1	6.0	47.8	11.4	53.1	17.2	55.7	15.1
Nevada	36.4	20.2	46.0	14.0	48.0	16.2	53.6	19.2
New Hampshire	NA	NA	NA	NA	NA	NA	85.7	38.2
New Jersey	NA	NA	43.7	31.3	70.4	26.9	41.4	26.3
New Mexico	49.0	20.5	44.2	21.3	53.5	17.4	29.9	^R 19.1
New York	NA	22.5	53.7	17.4	NA	16.4	NA	NA
North Carolina	100.0	65.3	100.0	66.8	100.0	62.2	99.8	59.6
North Dakota	80.4	16.0	82.8	5.0	82.4	12.8	72.0	13.3
Ohio	29.9	1.2	26.2	1.4	38.6	1.6	41.7	2.2
Oklahoma	53.3	5.9	76.2	4.8	65.7	7.3	74.2	7.7
Oregon	98.9	15.7	99.1	16.7	99.1	9.2	99.1	16.7
Pennsylvania	68.6	11.9	62.4	10.2	NA	^R 8.8	57.1	10.0
Rhode Island	42.3	100.0	46.7	100.0	61.2	100.0	49.5	100.0
South Carolina	100.0	85.6	100.0	85.4	100.0	87.2	100.0	87.2
South Dakota	72.7	14.2	73.5	18.8	79.1	31.6	95.7	44.1
Tennessee	84.7	27.2	NA	NA	89.4	28.3	90.7	25.8
Texas	NA	NA	80.6	19.9	81.9	16.5	80.1	17.3
Utah	77.9	94.3	77.9	95.1	77.0	94.4	79.4	92.0
Vermont	100.0	81.0	100.0	92.4	100.0	82.0	100.0	81.5
Virginia	^R 55.0	12.6	^R 53.3	10.9	^R 53.7	15.6	64.8	NA
Washington	^R 89.3	^R 28.6	^R 90.9	^R 26.9	^R 91.1	^R 29.9	^R 93.0	^R 23.1
West Virginia	31.3	2.3	34.4	2.2	46.1	2.1	49.3	2.7
Wisconsin	66.2	15.0	68.3	15.5	73.6	11.8	79.1	18.9
Wyoming	93.9	^R 2.8	^R 22.3	^R 16.5	^R 33.0	^R 2.5	^R 42.7	^R 2.0
Total	^R59.3	^R15.9	^R61.0	^R15.4	^R63.6	^R14.6	^R64.3	15.5

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1998-2000 — Continued

State	2000						1999	
	March		February		January		Total	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	76.3	14.9	83.6	18.1	79.5	17.0	^R 70.5	^R 21.8
Alaska	74.8	99.8	71.1	99.8	69.6	99.8	^R 55.4	99.1
Arizona	82.7	38.7	83.1	40.8	84.5	42.0	^R 82.5	^R 36.2
Arkansas	NA	NA	NA	NA	NA	NA	^R 89.3	^R 10.1
California	58.7	6.1	59.8	7.0	58.0	6.4	^R 57.4	^R 12.9
Colorado	^R 96.6	^R 0.3	^R 93.3	^R 0.3	^R 96.7	^R 0.3	^R 97.5	^R 7.1
Connecticut	79.4	45.9	80.8	52.9	73.9	43.3	^R 62.9	55.8
Delaware	97.2	17.2	98.2	11.8	98.2	14.5	^R 98.8	^R 16.6
District of Columbia	37.4	—	49.3	—	48.9	—	^R 46.0	—
Florida	65.8	3.2	67.6	2.5	65.8	3.8	^R 94.5	^R 5.0
Georgia	15.8	29.4	13.5	31.8	8.8	26.3	^R 61.0	^R 23.9
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	87.7	3.6	89.1	3.7	89.5	3.3	86.0	2.7
Illinois	44.1	8.0	45.5	9.9	44.8	10.7	^R 42.8	^R 9.1
Indiana	80.0	8.4	81.7	6.7	^R 75.0	9.3	^R 78.3	^R 5.8
Iowa	83.8	8.7	84.2	8.0	85.6	8.4	^R 83.4	^R 7.4
Kansas	74.9	7.6	77.1	5.0	72.6	4.3	^R 66.7	^R 10.1
Kentucky	84.5	14.2	88.5	12.2	87.8	15.5	^R 88.0	^R 18.4
Louisiana	^R 97.1	8.2	^R 98.0	7.9	^R 93.9	8.2	^R 93.8	^R 8.5
Maine	NA	57.1	100.0	55.1	100.0	56.3	100.0	^R 78.2
Maryland	35.1	6.1	41.2	7.1	38.9	8.8	^R 33.4	^R 6.5
Massachusetts	NA	NA	NA	NA	NA	NA	^R 59.8	^R 36.9
Michigan	61.0	10.1	64.5	13.8	63.7	12.5	^R 56.6	^R 11.1
Minnesota	95.9	38.9	95.1	34.2	NA	39.7	^R 97.2	^R 39.8
Mississippi	96.0	^R 43.4	96.7	^R 46.3	98.8	29.3	^R 96.0	^R 26.3
Missouri	81.7	16.4	85.5	17.1	83.3	23.1	^R 78.6	^R 18.5
Montana	81.9	0.2	82.9	0.2	79.7	0.2	^R 79.9	1.7
Nebraska	58.9	17.0	66.0	19.1	61.9	20.0	^R 66.6	^R 14.2
Nevada	60.6	26.5	62.5	26.9	67.3	31.4	^R 60.9	^R 22.5
New Hampshire	NA	NA	94.9	32.7	93.9	28.0	^R 93.2	^R 24.3
New Jersey	41.3	26.5	42.4	23.4	38.1	26.1	^R 56.0	^R 47.9
New Mexico	61.4	14.0	62.7	13.9	63.8	9.0	^R 62.9	^R 16.4
New York	NA	NA	33.6	33.6	NA	46.0	^R 57.3	^R 14.3
North Carolina	91.6	27.9	93.1	40.2	97.2	30.8	^R 93.8	^R 47.8
North Dakota	89.4	18.3	89.2	25.7	NA	22.8	^R 88.3	^R 14.9
Ohio	39.7	2.6	45.2	3.5	45.5	3.4	^R 46.6	^R 4.1
Oklahoma	77.4	8.3	83.4	9.1	84.3	9.4	^R 71.8	^R 3.9
Oregon	99.2	19.4	99.4	19.9	99.4	18.3	98.8	^R 13.6
Pennsylvania	59.9	9.1	59.8	9.5	60.1	10.5	^R 56.9	^R 11.8
Rhode Island	60.7	100.0	62.7	100.0	57.1	100.0	^R 53.3	6.5
South Carolina	95.6	80.1	99.8	82.6	98.0	80.3	^R 97.1	^R 86.1
South Dakota	68.6	45.5	84.6	44.8	85.2	48.2	81.2	^R 37.0
Tennessee	92.8	24.5	91.9	24.7	95.3	26.0	^R 88.8	^R 34.7
Texas	81.1	20.0	86.1	19.2	74.2	25.3	^R 77.3	^R 23.7
Utah	84.2	94.9	88.6	94.5	87.1	93.2	82.9	^R 9.5
Vermont	100.0	80.8	100.0	83.0	100.0	87.4	100.0	^R 76.6
Virginia	65.1	18.8	69.1	17.1	74.2	20.7	^R 67.5	^R 12.1
Washington	^R 94.6	^R 31.5	^R 93.9	^R 31.4	^R 94.5	^R 34.0	^R 89.4	^R 24.0
West Virginia	48.1	2.8	71.0	2.7	57.3	3.5	^R 51.8	^R 10.8
Wisconsin	81.4	19.3	83.5	20.6	84.0	22.6	^R 79.0	^R 20.2
Wyoming	^R 52.2	^R 2.8	^R 39.9	^R 2.4	^R 50.0	^R 1.3	^R 89.2	^R 2.9
Total	64.2	15.8	^R68.0	16.6	^R66.8	^R17.1	^R66.2	^R18.8

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1998-2000 — Continued

State	1999							
	December		November		October		September	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	R69.1	R21.8	R58.3	R20.7	R51.9	R20.5	R55.7	R20.8
Alaska	62.2	97.5	61.9	97.6	54.8	97.4	56.7	100.0
Arizona	R81.3	R42.2	R78.7	R42.9	R79.7	R38.5	R79.7	R40.9
Arkansas	R91.9	R10.6	R85.2	R11.3	R84.9	R11.2	R86.4	R10.3
California	R58.1	R11.4	R54.5	R10.0	R55.7	R10.9	R51.5	R14.3
Colorado	R98.1	R2.5	R98.0	R3.0	R97.8	R4.1	R96.1	R13.4
Connecticut	R62.3	R50.1	R58.4	R51.1	R56.6	R52.4	R52.0	R57.3
Delaware	R98.0	R12.6	R98.2	R13.6	R98.4	R9.2	R98.3	R10.4
District of Columbia	R50.3	—	R43.5	—	R36.6	—	R32.3	—
Florida	R92.8	R5.3	R92.9	R4.6	R92.6	R4.7	R93.7	R4.1
Georgia	R9.5	R35.6	R11.0	R26.1	R14.5	R26.7	R37.8	R18.3
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	85.6	2.5	R82.4	2.5	R78.9	2.1	80.4	2.1
Illinois	R43.1	R10.0	R39.5	R9.3	R39.8	R7.0	R35.6	R8.2
Indiana	R79.3	R7.2	R76.9	R6.0	R67.8	R4.2	R67.8	R3.4
Iowa	R83.7	R8.7	R83.2	7.2	R79.7	R7.2	R71.9	R7.0
Kansas	R59.9	R5.7	R54.5	R9.4	R59.0	R9.4	R64.2	R17.4
Kentucky	R90.0	R20.1	R85.8	R17.5	R84.3	R20.1	R83.9	R17.6
Louisiana	R91.8	R8.2	R93.2	R10.1	R93.4	R8.9	R93.3	R9.3
Maine	100.0	80.4	100.0	R73.3	100.0	77.5	100.0	76.4
Maryland	R37.4	R6.8	R30.5	R8.0	R28.1	R5.2	R23.8	R5.0
Massachusetts	R74.6	R48.0	R70.3	R55.3	R71.4	R60.8	R70.3	R38.5
Michigan	R61.5	R10.5	R54.8	R13.4	R46.7	R6.5	R38.0	R5.5
Minnesota	R97.4	R44.9	R95.5	R40.2	R99.0	R46.5	R97.6	R39.3
Mississippi	R96.0	R24.6	R95.4	R26.3	R94.1	R25.5	R94.6	R26.6
Missouri	R80.5	R22.6	R72.7	R16.4	R71.1	R13.1	R66.6	R13.0
Montana	85.5	2.7	82.0	2.6	R80.2	1.5	R75.4	0.8
Nebraska	R70.0	R20.4	R69.6	R17.6	R78.8	R12.5	R60.9	R9.8
Nevada	R65.0	R28.1	R55.1	R22.7	R53.4	R22.8	R48.9	R15.6
New Hampshire	92.4	30.6	R91.9	31.4	R89.5	R26.1	R88.7	R23.4
New Jersey	R60.2	R45.0	R56.1	R40.8	R56.0	R57.1	R58.5	R46.5
New Mexico	R69.9	R16.0	R69.7	R25.0	R64.8	R17.8	R54.3	R24.6
New York	R56.2	R25.4	R56.2	R24.8	R52.5	R25.9	R52.4	R27.6
North Carolina	R90.2	R27.7	R98.8	R59.0	R84.8	R34.2	R99.3	R66.9
North Dakota	R91.2	R23.1	R87.5	R17.3	R88.6	R14.5	R82.1	R11.8
Ohio	R48.4	R5.0	R39.8	R3.1	R40.1	R2.7	R33.4	R1.9
Oklahoma	R74.8	R5.3	R62.9	R3.9	R58.2	R3.5	R54.4	R3.1
Oregon	99.1	11.7	99.0	R11.9	98.2	R11.9	98.3	R12.1
Pennsylvania	59.7	R12.3	R52.2	R11.9	R50.1	R10.6	R49.0	R9.5
Rhode Island	R69.9	R5.2	34.9	R5.6	43.6	R5.9	39.9	R5.7
South Carolina	R96.1	R84.6	100.0	R89.9	R94.6	R84.8	99.9	R89.6
South Dakota	83.4	R40.9	80.4	R37.6	75.6	25.5	71.5	R26.3
Tennessee	R94.2	R32.1	R91.4	R30.8	R85.0	R34.7	R83.6	R41.9
Texas	R82.2	R38.7	R72.5	R24.6	R75.1	R27.7	R73.4	R24.7
Utah	86.9	R6.7	82.8	R11.0	79.9	R10.7	75.4	R9.5
Vermont	100.0	R80.8	100.0	R77.8	100.0	R75.9	100.0	R70.5
Virginia	R73.2	R14.3	R68.0	R15.8	R62.8	R12.7	R60.9	R10.9
Washington	R91.3	R22.5	R89.7	R22.2	R90.7	R21.0	R87.9	R20.2
West Virginia	R55.6	R6.8	R50.1	R7.3	R40.5	R7.2	R37.8	12.8
Wisconsin	R83.0	R22.4	R77.3	R19.6	R77.0	R20.3	R67.1	R15.7
Wyoming	R86.7	R2.5	R82.3	R2.3	R83.4	R3.4	R85.2	R2.5
Total	R67.6	R21.3	R63.0	R17.7	R61.7	R17.5	R60.0	R17.5

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1998-2000 — Continued

State	1999							
	August		July		June		May	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	R54.0	R20.5	R57.8	R20.9	R60.2	R22.3	R73.1	R21.6
Alaska	55.9	99.9	56.3	98.4	57.4	100.0	58.9	99.9
Arizona	R78.8	R33.4	R81.5	35.6	R82.2	37.2	R82.6	R42.4
Arkansas	R86.8	R8.8	R83.7	R8.5	R83.0	R7.9	R83.8	R8.8
California	R39.3	R10.3	R54.1	R11.3	R62.2	R12.3	R51.4	R13.7
Colorado	R95.7	R20.1	R95.7	R16.3	R97.7	R4.9	R98.2	R4.6
Connecticut	R51.7	R52.6	R55.7	R52.6	R56.9	R60.4	R53.7	R53.0
Delaware	R98.3	R15.4	R98.4	R15.3	R98.2	R16.7	R98.7	R22.7
District of Columbia	R31.5	—	R34.4	—	R33.7	—	R39.2	—
Florida	R93.4	R4.0	R93.4	R4.4	R94.8	R4.6	R95.1	R6.0
Georgia	R72.2	R32.5	R71.0	R24.8	R72.2	R22.3	R80.4	R22.5
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	82.0	3.4	R83.6	2.8	83.3	2.8	85.5	2.3
Illinois	R25.4	R5.7	R27.2	R5.9	R34.8	R7.5	R36.0	R7.4
Indiana	R66.9	R4.7	R57.1	R3.4	R74.3	R4.0	R76.9	R3.8
Iowa	R75.3	R7.0	R72.6	R7.0	R76.7	R5.8	R93.7	5.9
Kansas	R56.5	R17.8	R54.8	R14.9	R59.2	R7.8	R63.9	R7.6
Kentucky	R80.9	R17.8	R81.1	R18.0	R81.8	R14.5	R85.5	R18.4
Louisiana	R94.2	R9.0	R93.7	R8.3	R95.2	R7.5	R94.4	R7.4
Maine	100.0	74.5	100.0	72.0	100.0	R74.8	100.0	74.6
Maryland	R24.5	R4.8	R24.1	R4.8	R23.5	R6.0	R25.7	R4.4
Massachusetts	R66.2	R42.1	R60.8	R35.6	R34.2	R23.0	R43.5	R26.1
Michigan	R29.7	R5.0	R35.3	R5.2	R37.5	R5.4	R45.3	7.2
Minnesota	R97.7	R36.1	R98.2	R38.6	R97.8	R45.8	R97.6	R31.0
Mississippi	R94.4	R25.3	R94.6	R24.7	R94.9	R26.3	R96.2	R26.3
Missouri	R67.4	R12.0	R49.5	R11.2	R72.7	R13.9	R77.3	R14.3
Montana	68.5	0.5	70.1	1.0	R65.3	0.4	75.6	1.7
Nebraska	R86.8	R8.9	R69.2	R6.4	R63.9	R13.2	R67.5	R16.6
Nevada	R49.5	R15.8	R49.9	R16.8	R54.4	R17.3	R59.0	R17.3
New Hampshire	88.2	R22.8	R88.6	R21.9	89.4	R20.1	R92.3	22.2
New Jersey	R53.3	R32.9	R54.9	R47.7	R52.0	R47.9	R48.7	R47.3
New Mexico	R45.8	R19.2	R53.6	R18.6	R59.1	R22.5	R47.7	R15.2
New York	R48.4	R18.2	R49.7	R7.2	R55.8	R8.1	R48.9	R2.7
North Carolina	R87.6	R52.5	R87.9	R58.2	R88.5	R53.6	R90.4	R53.6
North Dakota	R77.1	R11.4	R78.8	R10.8	R76.0	R16.1	R84.9	R5.9
Ohio	R34.8	R1.8	R32.6	R1.2	R31.8	R2.1	R36.3	R3.4
Oklahoma	R59.8	R2.7	R56.7	R2.5	R20.6	R2.5	R66.8	R3.3
Oregon	98.5	11.8	98.8	12.2	R98.6	R14.0	98.7	R14.0
Pennsylvania	45.2	R9.9	R51.7	R11.3	R50.4	R11.5	R57.2	R12.0
Rhode Island	R16.3	R8.8	R46.5	R5.2	R46.7	R6.5	48.9	R6.3
South Carolina	R95.5	R84.1	R95.6	R84.3	R95.8	R83.6	R96.2	R87.9
South Dakota	69.8	20.3	73.9	20.7	R60.1	R33.3	78.7	R38.9
Tennessee	R79.6	R28.3	R77.7	R36.9	R80.1	R35.3	R80.9	R35.0
Texas	R76.6	R36.2	R69.3	R21.4	R75.4	R19.6	R69.1	R19.9
Utah	74.4	R9.0	76.0	R8.4	72.9	R14.4	80.1	R8.4
Vermont	100.0	R67.3	100.0	R69.4	100.0	R69.5	100.0	R69.6
Virginia	R59.3	R5.8	R64.1	R10.3	R58.3	R7.5	R62.1	R10.2
Washington	R83.8	R19.6	R83.5	R22.4	R83.9	R31.2	R87.4	R25.1
West Virginia	R31.1	R12.6	R33.6	R12.4	R33.4	R14.4	R41.3	R11.5
Wisconsin	R67.8	R15.3	R64.4	R18.6	R61.6	R16.5	R65.4	R17.2
Wyoming	R69.2	R2.5	R83.6	R3.4	R85.0	R3.8	R88.6	R3.8
Total	R56.6	R18.8	R58.2	R15.7	R61.1	R15.8	R61.1	R16.0

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1998-2000 — Continued

State	1999							
	April		March		February		January	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	^R 80.7	^R 21.9	^R 80.9	^R 22.9	^R 81.8	^R 23.1	^R 84.9	^R 24.9
Alaska	53.5	99.9	^R 50.6	99.9	^R 47.4	99.9	^R 52.9	99.9
Arizona	^R 82.7	^R 30.6	^R 84.8	26.3	^R 84.8	^R 34.1	^R 86.4	^R 32.4
Arkansas	^R 89.7	^R 9.3	^R 90.2	^R 10.2	91.4	^R 11.2	93.3	^R 12.4
California	^R 62.7	^R 14.8	^R 61.6	^R 15.7	^R 60.6	^R 16.9	^R 63.8	^R 13.8
Colorado	^R 97.2	^R 6.2	^R 98.3	^R 3.3	^R 96.7	^R 2.6	^R 97.5	^R 4.0
Connecticut	^R 73.0	^R 62.1	^R 67.5	^R 56.6	^R 69.8	^R 65.2	^R 69.7	^R 58.4
Delaware	^R 98.9	^R 17.9	^R 98.6	^R 23.2	^R 98.9	^R 24.4	100.0	^R 18.3
District of Columbia	^R 43.3	—	^R 53.6	—	^R 52.2	—	^R 58.0	—
Florida	^R 95.7	^R 4.6	^R 95.6	^R 6.0	^R 95.6	^R 5.6	^R 95.8	^R 5.8
Georgia	^R 84.8	^R 27.0	^R 83.7	^R 23.9	^R 83.1	^R 19.2	^R 87.1	^R 21.3
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	87.0	2.6	87.8	2.8	88.8	3.1	89.4	3.6
Illinois	^R 42.2	^R 11.6	^R 49.0	^R 10.2	^R 47.3	^R 11.1	^R 47.6	^R 12.2
Indiana	^R 78.3	^R 4.8	^R 85.2	^R 10.2	^R 77.9	9.2	^R 83.5	^R 6.5
Iowa	^R 77.5	^R 7.2	^R 87.5	7.5	^R 84.9	8.0	^R 86.9	9.2
Kansas	^R 70.2	^R 7.3	^R 71.0	^R 6.8	^R 74.3	^R 7.0	^R 74.5	^R 6.8
Kentucky	^R 85.0	^R 18.2	^R 89.7	^R 18.5	^R 90.0	^R 20.1	^R 91.3	^R 18.8
Louisiana	^R 95.6	^R 7.3	^R 93.8	^R 8.4	^R 93.5	^R 8.8	^R 93.9	^R 8.5
Maine	100.0	^R 72.9	100.0	^R 79.2	100.0	^R 73.6	100.0	^R 99.0
Maryland	^R 27.3	^R 3.1	^R 35.2	^R 10.4	^R 38.9	^R 7.9	^R 45.0	^R 9.5
Massachusetts	^R 38.0	^R 25.5	^R 58.7	^R 32.2	^R 76.8	^R 35.9	^R 71.8	^R 31.6
Michigan	^R 56.6	^R 14.3	^R 62.2	^R 16.3	^R 63.4	^R 17.5	^R 66.3	^R 16.3
Minnesota	^R 97.2	^R 39.0	^R 96.9	^R 41.3	^R 97.1	^R 35.6	^R 97.1	^R 39.8
Mississippi	^R 97.7	^R 27.3	^R 96.8	^R 25.2	^R 96.4	^R 27.7	^R 96.9	^R 29.5
Missouri	^R 82.6	^R 17.5	^R 84.5	^R 25.1	^R 80.5	^R 34.4	^R 86.5	^R 26.8
Montana	^R 78.1	1.7	^R 80.4	1.8	^R 80.5	1.7	^R 84.5	2.4
Nebraska	^R 65.6	^R 18.6	^R 68.3	^R 17.7	^R 64.1	^R 21.7	^R 60.5	^R 17.5
Nevada	^R 62.0	^R 23.7	^R 66.6	^R 26.2	^R 68.1	^R 28.9	^R 71.7	^R 29.4
New Hampshire	94.2	27.2	94.5	19.6	95.3	24.1	95.5	24.2
New Jersey	^R 53.2	^R 50.6	^R 56.5	^R 50.2	^R 56.0	^R 51.2	^R 58.2	^R 51.0
New Mexico	^R 63.1	^R 5.8	^R 66.8	^R 13.0	^R 61.2	^R 6.6	^R 70.3	^R 15.2
New York	^R 58.8	^R 6.9	^R 62.3	^R 7.6	^R 61.8	^R 10.1	^R 68.1	^R 11.5
North Carolina	^R 91.1	^R 45.6	^R 97.2	^R 41.1	^R 96.8	^R 39.8	^R 97.1	^R 44.7
North Dakota	^R 86.5	^R 14.3	^R 89.4	^R 13.6	^R 88.7	^R 20.3	^R 92.6	^R 17.0
Ohio	^R 40.7	^R 3.7	^R 50.5	^R 6.5	^R 49.2	^R 6.5	^R 59.0	^R 7.5
Oklahoma	^R 75.1	^R 4.0	^R 78.6	^R 4.8	^R 78.4	^R 5.2	^R 82.7	^R 5.9
Oregon	98.7	^R 15.0	98.7	^R 16.4	99.0	15.8	99.1	^R 16.8
Pennsylvania	^R 55.1	^R 11.6	^R 59.1	^R 12.7	^R 59.8	^R 12.0	^R 63.1	^R 15.0
Rhode Island	56.2	^R 8.5	^R 60.3	^R 12.7	61.5	^R 6.0	^R 59.3	^R 4.5
South Carolina	^R 96.9	^R 87.6	^R 97.8	^R 85.9	^R 97.2	^R 85.3	^R 98.0	^R 85.5
South Dakota	83.2	^R 41.9	^R 84.2	^R 47.5	84.1	^R 50.1	^R 86.5	^R 51.9
Tennessee	^R 88.1	^R 33.3	^R 90.1	^R 37.9	^R 90.3	^R 34.4	^R 93.9	^R 33.7
Texas	^R 73.0	^R 18.8	^R 80.8	^R 16.1	^R 83.9	^R 13.4	^R 80.0	^R 14.1
Utah	83.0	^R 7.8	82.8	^R 8.0	85.7	^R 10.5	85.8	^R 11.8
Vermont	100.0	^R 77.0	100.0	^R 82.7	100.0	^R 82.1	100.0	^R 82.0
Virginia	^R 57.4	^R 10.2	^R 67.4	^R 18.9	^R 69.7	^R 16.6	^R 77.7	^R 19.4
Washington	^R 88.0	^R 25.5	^R 90.6	^R 27.7	^R 90.4	^R 29.6	^R 91.6	^R 26.0
West Virginia	^R 56.9	^R 13.0	^R 60.8	^R 12.2	^R 60.4	^R 11.2	^R 61.4	^R 10.0
Wisconsin	^R 77.6	^R 20.5	^R 82.2	^R 21.6	^R 82.6	^R 22.3	^R 84.7	^R 25.6
Wyoming	^R 89.6	^R 2.7	^R 89.1	^R 2.7	^R 97.6	^R 3.3	^R 96.9	^R 3.5
Total	^R65.4	^R16.6	^R69.3	^R17.4	^R69.7	^R16.8	^R73.1	^R16.9

^R Revised Data.

NA Not Available.

— Not Applicable.

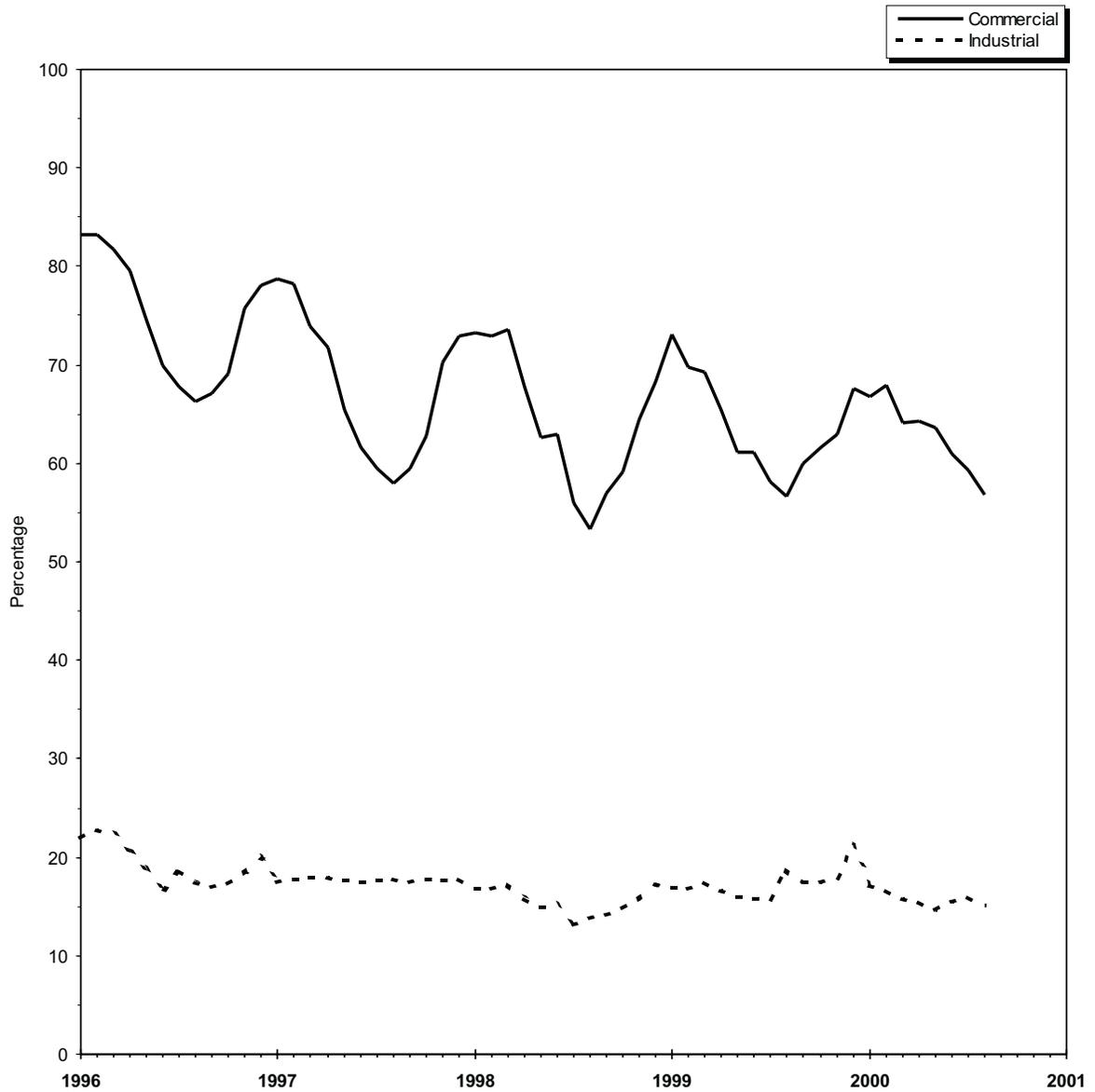
Notes: Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and

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, 1996-2000



Sources: Energy Information Administration, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

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.

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 of Form EIA-759

For data that are not taken from STIFS computations, Table A1 below 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 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 1, 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 33 producing States reported data on nonhydrocarbon gases removed during 1999. These 11 States accounted for 45 percent of total 1999 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 annual 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 of 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 im-

part 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. Underground storage data are obtained from the EIA-191 and EIA-176 surveys in the manner described earlier. 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 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 re-

ported 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. A short version of Form EIA-176 was also approved in 1988. Companies engaged in purchase and delivery activities but not in transportation and storage activities may file the short form. Usually, these companies are municipals handling small volumes of gas. form was approved for use beginning with report year 1990.

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 re-

vised. 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 were 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-627 and Form EIA-895

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 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 Interstate Oil and Gas Compact Commission (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 33 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 1999 were reported by the appropriate agencies of 11 of the 33 producing States. These 11 States accounted for 45 percent of total 1999 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 (114,657), Colorado (380,081), and New Mexico (610,062).

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 will 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, 100 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.

Appendix B

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 Elec-

tric Plants," and the Form EIA-759, "Monthly Power Plant Report.") See Appendix C for a discussion of the sample design and estimation procedures.

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 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-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 1,538 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 1995 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 1995. 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 387 respondent companies. Unlike previous years, no mergers or acquisitions were uncovered as a result of the initial mail-out. Therefore there was no need for either substitution of respondent companies or a reduction in the total number of respondents.

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

For each of the remaining States, the total volumes of industrial sales and deliveries and of the combined residential/commercial sales and deliveries were determined. Companies with natural gas deliveries to the industrial sector or to the combined residential/commercial sector above a certain level were selected with certainty. Since a few large companies often account for most of the natural gas delivered within a State, this ensures those companies' inclusion in the sample. The formula for determining certainty was applied independently in the two consumer sectors—the industrial

and the combined residential/commercial. These selected companies, together with the companies in the jurisdictions discussed where sampling was not feasible, formed the certainty stratum.

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

$$C_j = \frac{X_{.j}}{2n} \quad (1)$$

where:

C_j = cutoff value for consumer sector j ,

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

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

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

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

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

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

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

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

where:

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

X_2 = the sum within State of the X_i for all companies in the noncertainty stratum.

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

A uniform random number R was selected between zero and $\left(I = \frac{X_2}{m} \right) I$. The first sampled company was

the first company on the list to have a cumulative measure of size greater than R . The second company selected was the first company on the list to have a cumulative measure of size greater than $R + I$. $R + I$ was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

Subgroups. In eight States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that X_2 was the sum within State of the X_i for only those companies in the subgroup.

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

California: companies handling only industrial gas and all other companies.

Iowa: companies handling industrial gas and companies delivering only to residential or commercial customers.

Louisiana: companies handling only industrial gas and all other companies, with the latter being further subdivided according to size. The larger group is comprised of all companies with total deliveries of at least 200 million cubic feet while the smaller group consists of companies with less than that volume of delivered gas (three subgroups).

Oklahoma: Companies delivering less than 500 million cubic feet of gas and those delivering more than that volume.

Texas: companies handling only residential/commercial gas, companies handling only industrial gas, and all other companies (three subgroups).

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 1995 submissions of Form EIA-176:

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

$$E_{vj} = \frac{Y_j}{Y'_j} \quad (3)$$

where:

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

Y'_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:

$$V_j = y_j \times E_{vj} \quad (4)$$

where:

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

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

Computation of Natural Gas Prices. The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales.

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:

$$F_t = F_{t-1} \times \frac{Y_{jt}}{Y_{jt-1}} \quad (5)$$

where:

F_t = imputed gas volume for current month t ,

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

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

$y_{j,t-1}$ = 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:

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

where:

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

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

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

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

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

The formula for revising the estimated revenue is:

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

where:

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

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

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

R'_{jm} = The annual sum of estimated monthly revenues. Revision of Volumes and Prices for Deliveries to Electric 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:

$$V(\hat{Y}) = \sum_{h=1}^H \left[N_h^2 \frac{(1 - \frac{n_h}{N_h})}{n_h(n_h - 1)} \left(\sum_{i=1}^{n_h} (y_i - Tx_i)^2 \right) \right] \quad (8)$$

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, August 2000

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	83	146	1,336	1,347	0.27	2.04	2.93
Alaska	0	0	0	0	—	—	—
Arizona	0	0	0	0	—	—	—
Arkansas	7	NA	NA	NA	0.24	NA	NA
California	177	115	2,793	2,801	0.02	0.05	1.08
Colorado	475	404	785	1,002	0.38	0.99	2.34
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	0	0	—	—	—
District of Columbia	0	0	0	0	—	—	—
Florida	75	39	1,725	1,727	1.31	1.69	1.10
Georgia	143	126	20,461	20,462	0.67	1.08	7.41
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	252	1,717	3,384	3,804	0.55	1.30	0.09
Indiana	253	498	2,411	2,475	0.81	0.29	0.26
Iowa	23	18	130	133	0.42	0.18	0.20
Kansas	201	12,467	29,108	31,666	4.18	1.64	0.97
Kentucky	89	312	293	437	0.59	1.48	0.07
Louisiana	49	NA	2,911	NA	0.19	NA	0.08
Maine	0	NA	NA	NA	—	NA	NA
Maryland	1	13	42	44	0.01	0.07	0.02
Massachusetts	0	NA	NA	NA	—	NA	NA
Michigan	8	317	519	609	0.12	0.09	0.11
Minnesota	153	151	817	845	0.07	0.07	0.31
Mississippi	63	61	274	288	0.42	0.10	0.25
Missouri	0	0	0	0	—	—	—
Montana	2	3	0	3	0.03	0.03	—
Nebraska	31	51	124	138	0.64	0.12	0.10
Nevada	0	0	0	0	—	—	—
New Hampshire	0	NA	NA	NA	—	NA	NA
New Jersey	0	NA	NA	NA	—	NA	NA
New Mexico	72	140	719	736	0.78	2.00	1.50
New York	400	NA	NA	NA	0.47	NA	NA
North Carolina	15	21	284	286	0.14	0.07	1.65
North Dakota	0	0	0	0	—	—	—
Ohio	312	8,747	6,546	10,930	0.83	0.06	0.65
Oklahoma	99	NA	NA	NA	0.08	NA	NA
Oregon	0	0	0	0	—	—	—
Pennsylvania	0	0	0	0	—	—	—
Rhode Island	0	0	0	0	—	—	—
South Carolina	9	28	797	798	0.23	0.08	0.06
South Dakota	0	0	0	0	—	—	—
Tennessee	69	116	1,935	1,940	0.48	0.26	0.74
Texas	87	NA	NA	NA	0.70	NA	NA
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	34	231	65	242	0.36	0.41	1.33
Washington	0	0	0	0	—	—	—
West Virginia	32	368	598	703	0.76	0.80	1.73
Wisconsin	563	575	467	930	0.67	0.78	0.77
Wyoming	5	NA	NA	NA	0.04	NA	NA
Total	1,050	17,040	38,688	42,287	0.10	0.35	0.61

NA Not Available.
— Not Applicable.

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

Appendix D

Articles, Special Focuses and Special Reports

A variety of energy-related subjects are frequently included in this publication. The following articles have appeared in previous issues.

Feature Articles

<i>Natural Gas 1998: Issues and Trends - Executive Summary</i>	April 1999
<i>Revisions to Monthly Natural Gas Data</i>	July 1998
<i>EIA Corrects Errors in EIA's Drilling Activity Estimates Series</i>	March 1998
<i>Recent Trends in Natural Gas Spot Prices</i>	December 1997
<i>Natural Gas Residential Pricing Developments During the 1996-97 Winter</i>	August 1997
<i>Revisions to Monthly Natural Gas Data</i>	July 1997
<i>Intricate Puzzle of Oil and Gas Reserves Growth</i>	July 1997
<i>Restructuring Energy Industries: Lessons from Natural Gas</i>	May 1997

Special Focuses

<i>Status of Natural Gas Pipeline System Capacity Entering the 2000-2001 Heating Season</i>	October 2000
<i>Corporate Realignments and Investments in the Interstate Natural Gas Transmission System</i>	October 1999
<i>Deliverability on the Interstate Natural Gas Pipeline System</i>	May 1998
<i>Advance Summary: U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 1996 Annual Report - Advance Summary</i>	September 1997
<i>Worldwide Natural Gas Supply and Demand and the Outlook for Global LNG Trade</i>	August 1997
<i>Outlook for Natural Gas Through 2015</i>	January 1997
<i>Natural Gas Productive Capacity</i>	January 1997

Special Reports

<i>Natural Gas Winter Outlook 2000-2001</i>	October 2000
<i>U.S. Natural Gas Imports and Exports - 1999</i>	August 2000
<i>Natural Gas 1999: A Preliminary Summary</i>	May 2000
<i>Next Generation * Natural Gas (NG)² Information Requirements — Executive Summary</i>	February 2000
<i>Increasing Importance of Natural Gas Imports on the U.S. Marketplace</i>	February 2000
<i>Natural Gas Winter Outlook 1999-2000</i>	October 1999
<i>U.S. Natural Gas Imports and Exports - 1998</i>	August 1999
<i>Retail Unbundling</i>	July 1999
<i>Natural Gas 1998: A Preliminary Summary</i>	April 1999
<i>U.S. Natural Gas Imports and Exports - 1977</i>	August 1998
<i>Revisions to Monthly Natural Gas Data</i>	July 1998
<i>Natural Gas 1997: A Preliminary Summary</i>	April 1998
<i>Comparison of Natural Gas Storage Estimates from the EIA and AGA</i>	October 1997
<i>U.S. Underground Storage of Natural Gas in 1997: Existing and Proposed</i>	September 1997
<i>U.S. Natural Gas Imports and Exports - 1996</i>	August 1997
<i>Revisions to Monthly Natural Gas Data</i>	July 1997
<i>Natural Gas 1996: Highlights</i>	April 1997
<i>Natural Gas Pipeline and System Expansions</i>	April 1997
<i>Natural Gas Analysis and Geographic Information Systems</i>	March 1997

Appendix E

Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production	1,2,3	Monthly:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202)586-6119
		Annual:		
		Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202)586-4790
Extraction Loss	1	Monthly:	EIA computations	Margaret Natof (202)586-6303
		Annual:	Form EIA-816, "Monthly Natural Gas Liquids Report" and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	
Supplemental Gaseous Fuels	2	Monthly:	EIA computations	Margaret Natof (202)586-6303
		Annual:	Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	
Imports and Exports	2	Monthly:	EIA computations	Ann Ducca (202)586-6137
		Annual:	Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Import and Exports"	
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:	EIA computations	Sylvia Norris (202)586-6106
		Annual:	Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"	
Electric Utility	4	Monthly:	Form FPC-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	Ann Ducca (202)586-6137
Producer Related Activities: Natural Gas Production	7,8	Monthly:	EIA895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202)586-6119
Underground Storage:	9,10,11, 12,13,14	Monthly:	Forms FERC-8 and 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	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202)586-4790
	16			
	17			
	18			
	19			
Average Price to: City Gate, Residential, Commercial, Industrial, Electric Utility Onsystem Sales	20	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202)586-4790
	21			
	22			
	23			
Heating Degree Days	24	Monthly:	Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	
		25	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"
Highlights	26	Seasonal:	National Oceanic and Atmospheric Administration	Patricia Wells (202)586-6077
				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.

Depletion: The loss in service value incurred in connection with the exhaustion of the natural gas reserves in the course of service.

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

Depreciation: The loss in service value not restored by current maintenance, incurred in connection with the consumption or respective retirement of a gas plant in the course of service from causes that are known to be in current operation and against which the utility is not protected by insurance; for example, wear and tear, decay, obsolescence, changes in demand and requirements of public authorities, and the exhaustion of natural resources.

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.

Independent Producers: Any person who is engaged in the production or gathering of natural gas and who sells natural gas in interstate commerce for resale but who is not engaged in the transportation of natural gas (other than gathering) by pipeline in interstate commerce.

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.

Interstate Companies: Natural gas pipeline companies subject to FERC jurisdiction.

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.

Intrastate Companies: Companies not subject to FERC jurisdiction.

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.

Therm: One-hundred thousand British thermal units.

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.