

# **Natural Gas Monthly**

## **May 1996**

**Energy Information Administration**  
Office of Oil and Gas  
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*Petroleum Supply Monthly*, updated on the 20th of the month

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*Natural Gas Monthly*, updated on the 20th of the month

*Weekly Coal Production*, updated on Fridays at 5:00 p.m.

*Quarterly Coal Report*, updated 60 days after the end of the quarter

*Electric Power Monthly*, updated on the 1st of the month

*Monthly Energy Review*, updated the last week of the month

*Short Term Energy Outlook*, updated 60 days after the end of the quarter

## Preface

The *Natural Gas Monthly (NGM)* is prepared in the Data Operations Branch of the Reserves and Natural Gas Division, Office of Oil and Gas, Energy Information Administration (EIA), U.S. Department of Energy (DOE).

General questions and comments regarding the *NGM* may be referred to Kendrick E. Brown, Jr. (202) 586-6077, Audrey E. J. Corley (202) 586-4804, or Eva M. Fleming (202) 586-6113. 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	Tcf	Trillion Cubic Feet
FERC	Federal Energy Regulatory Commission		

# Contents

	<b>Page</b>
<b>Highlights</b> . . . . .	1
<b>Appendices</b>	
A. Explanatory Notes . . . . .	73
B. Data Sources . . . . .	81
C. Statistical Considerations . . . . .	89
D. Natural Gas Reports and Feature Articles . . . . .	97
E. Technical Contacts . . . . .	103
<b>Glossary</b> . . . . .	105

## Tables

	<b>Page</b>
1. Summary of Natural Gas Production in the United States, 1990-1996 . . . . .	6
2. Supply and Disposition of Dry Natural Gas in the United States, 1990-1996 . . . . .	7
3. Natural Gas Consumption in the United States, 1990-1996 . . . . .	9
4. Selected National Average Natural Gas Prices, 1990-1996 . . . . .	11
5. U.S. Natural Gas Imports, by Country, 1990-1996 . . . . .	13
6. U.S. Natural Gas Exports, by Country, 1990-1996 . . . . .	14
7. Marketed Production of Natural Gas, by State, 1990-1996 . . . . .	15
8. Gross Withdrawals and Marketed Production of Natural Gas by State, January 1996 . . . . .	18
9. Underground Natural Gas Storage - All Operators, 1990-1996 . . . . .	19
10. Underground Natural Gas Storage - Interstate Operators of Storage Fields, 1990-1996 . . . . .	21
11. Underground Natural Gas Storage - Intrastate Operators and Independent Producers, 1990-1996 . . . . .	22
12. Net Withdrawals from Underground Storage, by State, 1994-1996 . . . . .	23
13. Activities of Underground Natural Gas Storage Operators, by State, March 1996 . . . . .	27
14. Natural Gas Deliveries to Residential Consumers, by State, 1994-1996 . . . . .	28
15. Natural Gas Deliveries to Commercial Consumers, by State, 1994-1996 . . . . .	32
16. Natural Gas Deliveries to Industrial Consumers, by State, 1994-1996 . . . . .	36
17. Natural Gas Deliveries to Electric Utility Consumers, by State, 1994-1996 . . . . .	40
18. Natural Gas Deliveries to All Consumers, by State, 1994-1996 . . . . .	44
19. Average City Gate Price, by State, 1994-1996 . . . . .	48
20. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1994-1996 . . . . .	51
21. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1994-1996 . . . . .	54
22. Average Price of Natural Gas Sold to Industrial Consumers, by State, 1994-1996 . . . . .	57

23.	Average Price of Natural Gas Delivered to Electric Utility Consumers, by State, 1994-1996 . . . .	60
24.	Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1994-1996 . . . . .	63
A1.	Methodology for Reporting Initial Monthly Natural Gas Supply and Disposition Data . . . . .	73
C1.	Standard Error for Natural Gas Deliveries and Price to Consumers by State, February 1996 . . .	94

## Illustrations

	<b>Page</b>	
1.	Production and Consumption of Natural Gas in the United States, 1993-1997 . . . . .	8
2.	Natural Gas Deliveries to Consumers in the United States, 1992-1996 . . . . .	10
3.	Average Price of Natural Gas Delivered to Consumers in the United States, 1992-1996 . . . . .	12
4.	Average Price of Natural Gas in the United States, 1992-1996 . . . . .	12
5.	Underground Natural Gas Storage in the United States, 1992-1996 . . . . .	20
6.	Percentage of Total Deliveries Represented by Onsystem Sales, 1992-1996 . . . . .	69

# Highlights

This section describes patterns in the most recent monthly data on natural gas (Figures H1-H4). Because preliminary data are now available on underground storage for March 1996, the presentation of recent data focuses on storage activities during the November 1995 through March 1996 heating season. The discussion of recent data is followed by a summary of projections of natural gas data contained in the second quarter 1996 issue of the Energy Information Administration's *Short-Term Energy Outlook*.

## Recent Data

### Storage

Preliminary storage data for March 1996 provide the first estimate of storage activities for the entire 1995-96 heating season (Figure H4 and Table 9). Total withdrawals for the November 1995 through March 1996 season were 2.7 trillion cubic feet, which was 24 percent higher than in the 1994-95 heating season.

Much of this increase can be attributed to unusually cold weather early this past winter—a pattern that was experienced again in the spring. The regions most affected were the East Coast and Midwest where many customers use natural gas for space heating. Temperatures in November 1995 (based on customer-weighted heating degree days) were from 16 to 34 percent colder than normal in much of the country east of the Rockies. Storage withdrawals of 356 billion cubic feet in that month were the highest November withdrawals ever recorded (beginning in 1975). While the industry has been maintaining generally lower inventories in recent years, still, these withdrawals left only 2.7 trillion cubic feet of working gas in storage at the end of November 1995. Working gas has not been this low at this point in the heating season since November 1976.

The high use of storage continued in December 1995 when 618 billion cubic feet was withdrawn—a level for December exceeded only by the 805 billion cubic feet withdrawn in December 1989, when extremely cold weather in the Southwest caused some short-term interruptions in production.

Temperatures in much of the country were 12 to 39 percent colder than normal in March 1996. Estimated

withdrawals of 399 billion cubic feet left 752 billion cubic feet of working gas in storage at the end of the month, both of which were historical records for March.

### *Other Supplies and Wellhead Prices*

Dry natural gas production in March 1996 is estimated to be 1.6 trillion cubic feet, while estimated production for the first quarter of 1996 is 4.7 trillion cubic feet (Figure H1 and Tables 1 and 2). Both values are about one-half percent above the levels in 1995. These increases in production are relatively small in light of recent increases in wellhead prices, increased drilling rig activity, and increased demand. Thus, production levels are likely to increase as the year progresses.

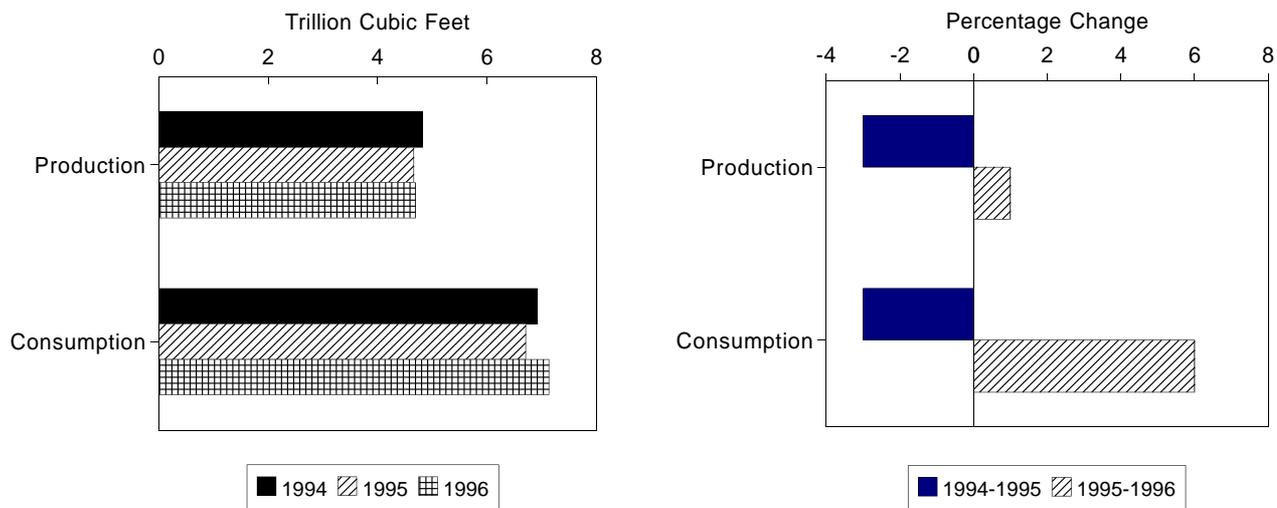
The average wellhead price has increased from \$1.37 per thousand cubic feet in August 1995 to \$2.00 per thousand cubic feet in February 1996 (Table 4). The only decline during this period was a drop of 4 cents from January 1996 to February. The average of the January and February wellhead prices, \$2.02 per thousand cubic feet, is 29 percent higher than it was in 1995.

Imports are an important source of natural gas supplies in addition to domestic production and withdrawals from storage. Imports from Canada for March 1996 are estimated to be 246 billion cubic feet (Table 5), or 11 percent of total consumption in March. March imports are 5 percent higher than in February 1996. The increase in March brought imports from Canada in the first quarter of 1996 to 727 billion cubic feet, only 1 percent higher than in the first quarter of 1995.

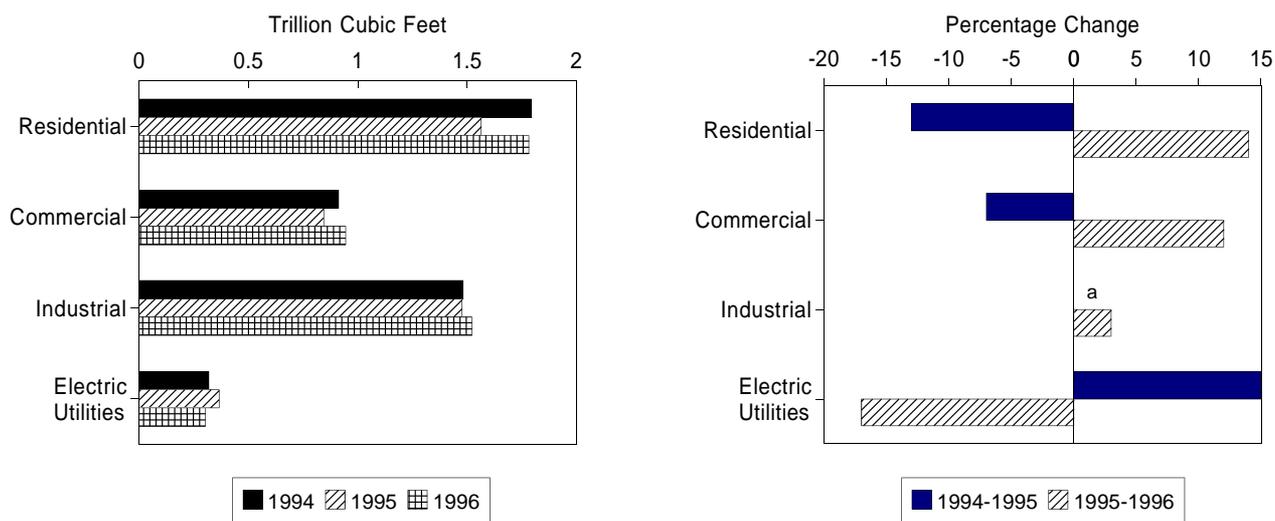
### *Consumption and End-Use Prices*

Preliminary consumption data for February 1996 show that 2.2 trillion cubic feet of natural gas was consumed in the four end-use sectors, a decline of 8 percent from January. However, much of this decline may be attributed to the fewer number of days in February. When data for both January and February are converted to daily rates, February 1996 end-use consumption was 75 billion cubic feet per day, down only 2 percent from January 1996. However, warmer than normal temperatures in February and higher prices for natural gas also contributed to the overall decline in consumption.

**Figure H1. Natural Gas Production and Consumption, January-March, 1994-1996**

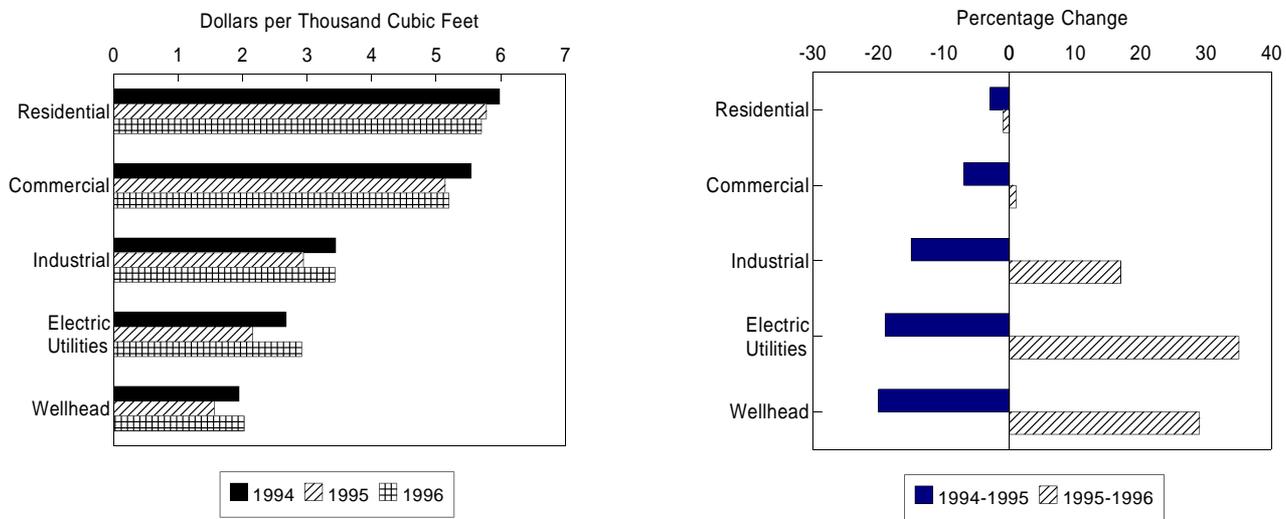


**Figure H2. Natural Gas Delivered to Consumers, January-February, 1994-1996**



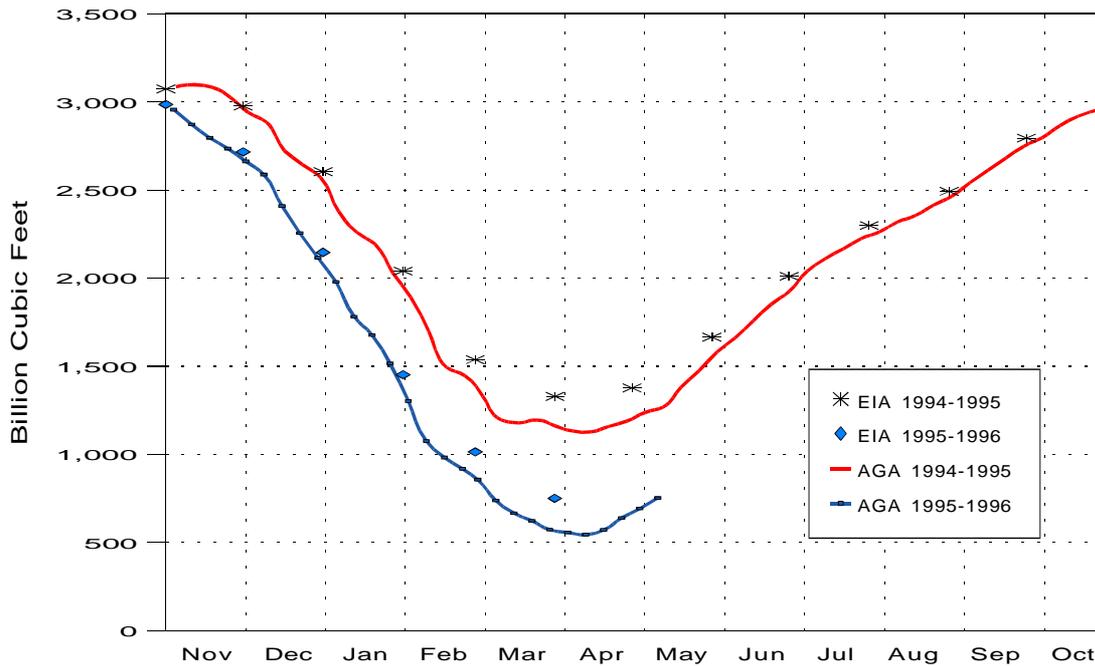
<sup>a</sup> Natural gas delivered to industrial consumers in 1994 and 1995 was virtually the same.

**Figure H3. Average Delivered Natural Gas Prices, January-February, 1994-1996**



Notes: Commercial and industrial average prices reflect onsystem sales only; Electric utilities average price for 1996 covers January.

**Figure H4. Underground Natural Gas Storage in the United States, 1994-1996**



Sources: Energy Information Administration (EIA), Form EIA-191, "Underground Natural Gas Storage Report"; American Gas Association, "Report of Estimated U.S. Working Gas Levels in Underground Storage".

Residential and commercial consumption in February 1996 was 845 billion cubic feet and 454 billion cubic feet, respectively, which was down 10 and 8 percent from January (Figure H2 and Table 3). Again, if the data are converted to daily levels, the declines are 4 percent and 1 percent, respectively. The estimated residential price in February 1996 was \$5.80 per thousand cubic feet, up 3 percent from January; while the price in the commercial sector, at \$5.20 per thousand cubic feet, was only 1 cent higher than in January (Figure H3 and Table 4).

Industrial consumption in February 1996 is estimated to be 744 billion cubic feet, which is a 4-percent decline from January. Daily consumption in February was 26 billion cubic feet per day, only 2 percent lower than the daily rate in January. The average price of gas to industrial customers rose 6 percent from January to February 1996, reaching \$3.53 per thousand cubic feet.

Data for the electric utility sector may be more reflective of the increases seen recently in the average wellhead price. February 1996 consumption of gas by electric utilities was 137 billion cubic feet, which was 18 percent lower than in January 1996 and 18 percent lower than in February 1995. The declines are still large even after converting consumption to daily rates. February 1996 consumption of 4.7 billion cubic feet per day was 13 percent lower than the daily level in January 1996, and 21 percent lower than the 6.0 billion cubic feet per day consumed in February 1995. Data on the price of gas to electric utilities lag behind price data for the other sectors by one month. However, the January 1996 price of \$2.91 per thousand cubic feet was 35 percent higher than in December 1995. The leveling off of wellhead prices from January to February 1996 may not have been sufficient to prevent such a large decline in consumption by electric utilities in February.

## Short-Term Energy Outlook

In April 1996, the Energy Information Administration published its quarterly forecast of short-term energy supply, demand, and prices in the *Short-Term Energy Outlook, Quarterly Projections, Second Quarter 1996 (Outlook)*. The *Outlook* covers five major energy sources: petroleum and petroleum products, natural gas, coal, electricity, and renewables. The forecast in this current *Outlook* covers the period from the second quarter of 1996 through the fourth quarter of 1997.

The projections made for natural gas are based on the following assumptions: GDP grew by 2.1 percent in 1995 and is forecast to average 1.7 percent in 1996 and 2.2 percent in 1997 because of rising interest rates; the price of world oil is expected to decrease gradually by summer to near \$16.00 per barrel and remain steady through 1997; and the weather temperatures will be normal. Given these assumptions, some highlights of the forecast for natural gas follow:

### Consumption

- Natural gas demand in 1996 and 1997 is projected to reach its highest levels since 1973. Gas demand is expected to increase by nearly 2 percent in 1996 to 21.9 trillion cubic feet and by almost 3 percent in 1997 to 22.5 trillion cubic feet. This compares with 21.6 trillion cubic feet in 1995.
- With normal weather, residential demand in 1996 is forecast to increase nearly 4 percent to 5.0 trillion cubic feet, reflecting continued addition of new houses as well as new residential customers. In 1997, residential demand is expected to increase slightly more than 1 percent to 5.1 trillion cubic feet. Natural gas used for utility generation in the electric utilities sector in 1996 is projected to increase less than 3 percent to 3.3 trillion cubic feet with an additional 3 percent growth expected in 1997 (3.4 trillion cubic feet).
- Natural gas used for nonutility generation is expected to grow more than 5 percent to 0.2 trillion cubic feet in 1996, and another 5 percent to 0.2 trillion cubic feet in 1997.
- In 1996, natural gas consumption in the industrial sector is projected to remain steady at 8.5 trillion cubic feet, near the 1995 level. However, in 1997 industrial consumption is projected to increase 4 percent to 8.8 trillion cubic feet.
- Commercial sector consumption in 1996 is projected to increase almost 3 percent to 3.2 trillion cubic feet and in 1997 is expected to grow 2 percent to 3.2 trillion cubic feet.

### Production

- In 1996, production is expected to increase strongly by nearly 5 percent to 19.4 trillion cubic feet because of the need to refill underground storage. In 1997, production is expected to increase by nearly 3 percent to 19.9 trillion cubic feet. If winter weather in 1997 is colder than normal, production could come close to breaking the 20 trillion cubic feet mark for the year.

## *Storage*

- Heavy injections will be needed this spring and summer to get underground storage refilled after storage levels dropped the past winter to well below 1995 levels. This will likely cause continued upward pressure on spot and wellhead prices through the third quarter of 1996.

## *Imports*

- In 1996, net natural gas imports are projected to rise to 2.7 trillion cubic feet, or nearly 8 percent while in 1997 net imports are projected to rise to 2.8 trillion cubic feet or almost 2 percent. Net natural gas imports in 1996 account for 12 percent of total U.S. demand.

## *Prices*

- In January and February 1996, natural gas wellhead prices increased as cold weather caused

very rapid drawdowns in gas stocks, which were already low because of abnormally cold weather in November and December 1995. In 1996, the average wellhead price is projected to be \$2.05 per thousand cubic feet, 45 cents higher than in 1995, mainly because of the first quarter year-to-year price difference of nearly 75 cents. However, assuming normal winter weather in 1997, the average annual wellhead price is projected to decline by 15 cents per thousand cubic feet to \$1.90 per thousand cubic feet. Continued market efficiencies, increased domestic production, and growing Canadian imports will also affect prices. Changes in wellhead prices are expected to put downward pressure on end-user prices, particularly for electric utilities and industrial customers.

- Residential prices are expected to increase from \$6.18 per thousand cubic feet in 1995 to \$6.53 per thousand cubic feet in 1996. In 1997, residential prices will decrease somewhat to \$6.48 per thousand cubic feet.

**Table 1. Summary of Natural Gas Production in the United States, 1990-1996**  
(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed <sup>a</sup>	Vented and Flared	Marketed Production (Wet)	Extraction Loss <sup>b</sup>	Total Dry Gas Production <sup>c</sup>
<b>1990 Total</b> .....	21,523	2,489	289	150	18,594	784	17,810
<b>1991 Total</b> .....	21,750	2,772	276	170	18,532	835	17,698
<b>1992 Total</b> .....	22,132	2,973	280	168	18,712	872	17,840
<b>1993 Total</b> .....	22,726	3,103	414	227	18,982	886	18,095
<b>1994</b>							
January .....	2,134	326	36	19	1,752	79	1,673
February .....	1,958	309	33	19	1,597	72	1,525
March .....	2,058	297	36	19	1,707	77	1,630
April .....	1,919	259	35	18	1,607	73	1,534
May .....	1,982	268	34	18	1,662	75	1,587
June .....	1,901	248	29	20	1,604	73	1,531
July .....	1,927	248	33	20	1,626	74	1,553
August .....	1,977	273	34	19	1,652	75	1,577
September .....	1,888	266	35	20	1,567	71	1,496
October .....	1,957	290	37	19	1,611	73	1,538
November .....	1,898	260	35	19	1,584	72	1,512
December .....	2,010	288	37	19	1,666	75	1,591
<b>Total</b> .....	23,609	3,333	412	228	19,635	889	18,747
<b>1995</b>							
January .....	2,072	327	32	10	1,703	79	1,624
February .....	1,859	300	28	9	1,522	71	1,451
March .....	2,017	312	30	9	1,666	78	1,589
April .....	1,971	302	30	10	1,629	76	1,553
May .....	2,043	313	31	10	1,689	79	1,610
June .....	1,956	292	29	13	1,621	76	1,546
July .....	1,981	289	30	14	1,647	77	1,571
August .....	1,971	296	29	13	1,633	76	1,557
September .....	1,940	284	29	13	1,614	75	1,539
October .....	1,977	313	31	13	1,619	75	1,544
November .....	1,975	315	30	14	1,616	<sup>E</sup> 75	<sup>E</sup> 1,541
December .....	<sup>R</sup> 2,086	335	31	15	<sup>R</sup> 1,705	<sup>RE</sup> 79	<sup>RE</sup> 1,625
<b>Total</b> .....	<sup>R</sup> 23,847	3,677	361	143	<sup>R</sup> 19,665	<sup>R</sup> 916	<sup>R</sup> 18,749
<b>1996</b>							
January .....	<sup>R</sup> 2,082	<sup>R</sup> 323	32	15	1,712	80	1,632
February .....	<sup>RE</sup> 1,867	<sup>RE</sup> 290	<sup>RE</sup> 28	<sup>E</sup> 13	<sup>E</sup> 1,535	<sup>E</sup> 72	<sup>E</sup> 1,463
March .....	<sup>E</sup> 2,039	<sup>E</sup> 317	<sup>E</sup> 31	<sup>E</sup> 15	<sup>E</sup> 1,677	<sup>E</sup> 78	<sup>E</sup> 1,599
<b>1996 YTD</b> .....	5,988	930	91	43	4,924	229	4,694
<b>1995 YTD</b> .....	5,948	938	90	28	4,892	228	4,664
<b>1994 YTD</b> .....	6,150	932	104	57	5,057	229	4,828

<sup>a</sup> See Appendix A, Explanatory Note 1, for a discussion of data on Nonhydrocarbon Gases Removed.

<sup>b</sup> 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.

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

<sup>R</sup> = Revised Data.

<sup>E</sup> = Estimated Data.

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

Notes: Data for 1990 through 1994 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: EIA, *Natural Gas Annual 1994* Table 7 and EIA estimates, January 1995 through current month. See Appendix A, Explanatory Notes 1, 3, and 6, for discussion of computation, estimating procedures, and revision policy.

**Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1990-1996**  
(Billion Cubic Feet)

Year and Month	Supply					Total Supply/Disposition <sup>d</sup>	Disposition		
	Total Dry Gas Production	Withdrawals from Storage <sup>a</sup>	Supplemental Gaseous Fuels <sup>b</sup>	Imports	Balancing Item <sup>c</sup>		Additions to Storage <sup>a</sup>	Exports	Consumption <sup>e</sup>
<b>1990 Total</b> .....	17,810	1,986	123	1,532	-149	21,302	2,499	86	18,716
<b>1991 Total</b> .....	17,698	2,752	113	1,773	-500	21,836	2,672	129	19,035
<b>1992 Total</b> .....	17,840	2,772	118	2,138	-508	22,360	2,599	216	19,544
<b>1993 Total</b> .....	18,095	2,799	119	2,350	-111	23,253	2,835	140	20,278
<b>1994</b>									
January .....	1,673	841	13	241	-182	2,586	29	11	2,546
February .....	1,525	598	11	199	48	2,381	44	13	2,324
March .....	1,630	243	10	223	65	2,170	100	19	2,051
April .....	1,534	61	9	212	130	1,945	294	9	1,642
May .....	1,587	17	8	206	38	1,857	447	8	1,402
June .....	1,531	30	8	201	26	1,796	397	13	1,386
July .....	1,553	19	8	221	19	1,820	429	11	1,380
August .....	1,577	22	8	219	-16	1,810	388	14	1,408
September .....	1,496	14	8	210	1	1,729	360	14	1,354
October .....	1,538	47	9	222	-105	1,710	229	13	1,468
November .....	1,512	204	9	226	-127	1,825	100	19	1,706
December .....	1,591	465	11	245	-161	2,152	49	18	2,085
<b>Total</b> .....	18,747	2,562	111	2,624	-262	23,782	2,865	162	20,755
<b>1995</b>									
January .....	1,624	<sup>R</sup> 622	14	251	-49	<sup>R</sup> 2,461	<sup>R</sup> 43	14	2,404
February .....	1,451	<sup>R</sup> 545	12	228	<sup>R</sup> 24	<sup>R</sup> 2,261	43	13	2,204
March .....	1,589	<sup>R</sup> 317	12	250	<sup>R</sup> 51	<sup>R</sup> 2,219	<sup>R</sup> 102	15	2,102
April .....	1,553	<sup>R</sup> 124	9	199	87	<sup>R</sup> 1,973	<sup>R</sup> 171	13	1,789
May .....	1,610	<sup>R</sup> 33	10	217	68	<sup>R</sup> 1,938	<sup>R</sup> 353	13	1,572
June .....	1,546	<sup>R</sup> 41	10	217	<sup>R</sup> -5	<sup>R</sup> 1,808	<sup>R</sup> 393	16	1,399
July .....	1,571	53	10	222	<sup>R</sup> 9	1,865	345	15	1,505
August .....	1,557	<sup>R</sup> 85	10	231	<sup>R</sup> -33	<sup>R</sup> 1,849	<sup>R</sup> 280	14	1,556
September .....	1,539	<sup>R</sup> 30	9	228	<sup>R</sup> -64	<sup>R</sup> 1,741	<sup>R</sup> 328	12	1,402
October .....	1,544	<sup>R</sup> 67	10	234	<sup>R</sup> -104	<sup>R</sup> 1,751	<sup>R</sup> 261	12	1,479
November .....	<sup>E</sup> 1,541	<sup>R</sup> 356	<sup>E</sup> 12	225	<sup>R</sup> -140	<sup>R</sup> 1,994	<sup>R</sup> 88	13	1,893
December .....	<sup>RE</sup> 1,625	<sup>R</sup> 618	<sup>E</sup> 13	251	<sup>R</sup> -111	<sup>R</sup> 2,395	<sup>R</sup> 52	8	2,335
<b>Total</b> .....	<sup>R</sup> 18,749	<sup>R</sup> 2,890	131	2,753	<sup>R</sup> -266	<sup>R</sup> 24,254	<sup>R</sup> 2,459	157	21,640
<b>1996</b>									
January .....	1,632	<sup>R</sup> 741	14	<sup>RE</sup> 250	<sup>R</sup> -14	<sup>R</sup> 2,623	<sup>R</sup> 46	<sup>E</sup> 10	<sup>R</sup> 2,567
February .....	<sup>E</sup> 1,463	<sup>R</sup> 539	<sup>E</sup> 12	<sup>E</sup> 236	<sup>R</sup> 204	<sup>R</sup> 2,455	<sup>R</sup> 93	<sup>E</sup> 9	<sup>RE</sup> 2,353
March .....	<sup>E</sup> 1,599	399	<sup>E</sup> 12	<sup>E</sup> 248	41	2,299	75	<sup>E</sup> 10	<sup>E</sup> 2,215
<b>1996 YTD</b> .....	4,694	1,679	38	734	232	7,377	214	28	7,135
<b>1995 YTD</b> .....	4,664	1,484	38	729	26	6,941	189	42	6,710
<b>1994 YTD</b> .....	4,828	1,683	33	662	-69	7,138	173	43	6,922

<sup>a</sup> Monthly and annual data for 1989 through 1994 include underground storage and liquefied natural gas storage. Data for January 1995 forward include underground storage only. See Appendix A, Explanatory Note 7 for discussion of computation procedures.

<sup>b</sup> Supplemental gaseous fuels data are only collected on an annual basis except for the Dakota Gasification Inc. coal gasification facility where they are gathered 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 .0026 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.

<sup>c</sup> Represents quantities lost and imbalances in data due to differences among data sources. See Appendix A, Explanatory Note 9, for full discussion.

<sup>d</sup> "Total" data for 1990 through 1994 do not equal equivalent data in Table 1 of the *Natural Gas Annual 1994* due to the exclusion of intransit receipts and deliveries in the *NGM*.

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

<sup>R</sup> = Revised Data.

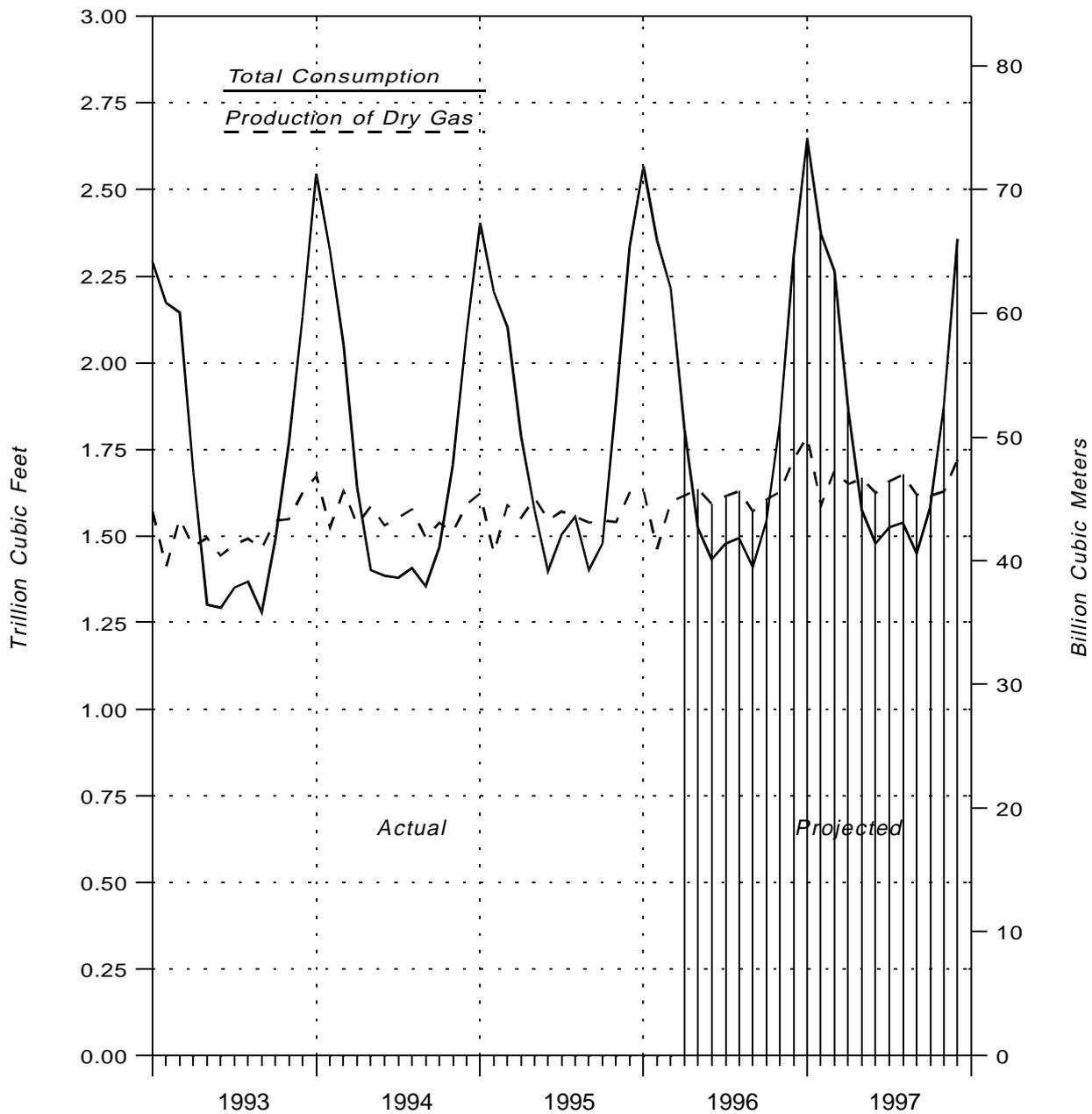
<sup>E</sup> = Estimated Data.

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

Notes: • Data for 1990 through 1994 are final. All other data are preliminary unless otherwise indicated. • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components because of independent rounding.

Sources: • Total Dry Gas Production: EIA *Natural Gas Annual 1994*, 1989 through 1994; IOGCC (1994), Form EIA-895 (1995), MMS reporting, and EIA estimates, January 1994 through current month. See Appendix A, Explanatory Note 3 for estimation procedures and revision policy. • Withdrawals from and Additions to Storage: EIA *Natural Gas Annual 1994*, 1989 through 1994; Form EIA-191, January 1994 through current month. • Supplemental Gaseous Fuels: EIA *Natural Gas Annual 1994*, 1989 through 1994; and EIA computations, January 1995 through current month. See Appendix A, Explanatory Note 2, for discussion of computation procedures and revision policy. • Imports and Exports: Form FPC-14, 1989 through 1994; and EIA estimates, January 1995 through the current month. See Appendix A, Explanatory Note 4, for discussion of procedures and revision policy. • Consumption and Balancing Item: EIA *Natural Gas Annual 1994*, 1989 through 1994; and EIA computations, January 1995 through current month. See Appendix A, Explanatory Notes 5 and 9, for discussion of computation procedures and revision policy.

Figure 1. Production and Consumption of Natural Gas in the United States, 1993-1997



Source: *Natural Gas Annual* and the *Short Term Energy Outlook*.

**Table 3. Natural Gas Consumption in the United States, 1990-1996**  
(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel <sup>a</sup>	Pipeline Fuel <sup>b</sup>	Delivered to Consumers					Total Consumption
			Residential	Commercial	Industrial	Electric Utilities	Total	
<b>1990 Total</b> .....	1,236	660	4,391	2,623	7,018	2,787	16,820	18,716
<b>1991 Total</b> .....	1,129	601	4,556	2,729	7,231	2,789	17,305	19,035
<b>1992 Total</b> .....	1,171	588	4,690	2,803	7,527	2,766	17,786	19,544
<b>1993 Total</b> .....	1,172	624	4,956	2,862	7,981	2,682	18,482	20,278
<b>1994</b>								
January .....	104	85	953	476	758	170	2,357	2,546
February .....	96	78	842	436	724	149	2,151	2,324
March .....	101	68	631	349	716	186	1,882	2,051
April .....	95	54	392	237	660	204	1,493	1,642
May .....	98	46	247	163	632	216	1,258	1,402
June .....	94	45	154	132	642	319	1,247	1,386
July .....	95	45	127	129	622	362	1,240	1,380
August .....	97	46	122	121	640	382	1,264	1,408
September .....	93	44	130	118	674	296	1,217	1,354
October .....	96	48	221	160	680	264	1,324	1,468
November .....	93	56	391	236	698	231	1,557	1,706
December .....	99	69	638	338	733	208	1,917	2,085
<b>Total</b> .....	1,161	685	4,848	2,895	8,178	2,987	18,908	20,755
<b>1995</b>								
January .....	107	79	813	432	774	199	2,218	2,404
February .....	95	73	752	413	703	168	2,036	2,204
March .....	104	69	601	345	737	245	1,928	2,102
April .....	102	59	418	256	725	229	1,628	1,789
May .....	106	52	262	189	706	258	1,414	1,572
June .....	101	46	159	135	660	297	1,251	1,399
July .....	103	50	131	137	678	407	1,352	1,505
August .....	102	51	114	141	679	468	1,402	1,556
September .....	101	46	134	143	662	316	1,255	1,402
October .....	101	49	217	173	700	240	1,329	1,479
November .....	101	63	491	303	737	198	1,729	1,893
December .....	107	77	788	430	760	172	2,151	2,335
<b>Total</b> .....	1,231	715	4,881	3,096	8,520	<sup>R</sup> 3,196	19,694	21,640
<b>1996</b>								
January .....	107	85	938	491	779	168	2,376	<sup>R</sup> 2,567
February .....	96	78	845	454	744	137	2,180	<sup>RE</sup> 2,353
<b>1996 YTD</b> .....	203	162	1,783	945	1,523	304	4,555	4,921
<b>1995 YTD</b> .....	202	152	1,565	845	1,477	367	4,254	4,608
<b>1994 YTD</b> .....	200	163	1,794	912	1,482	319	4,507	4,871

<sup>a</sup> 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.

<sup>b</sup> 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.

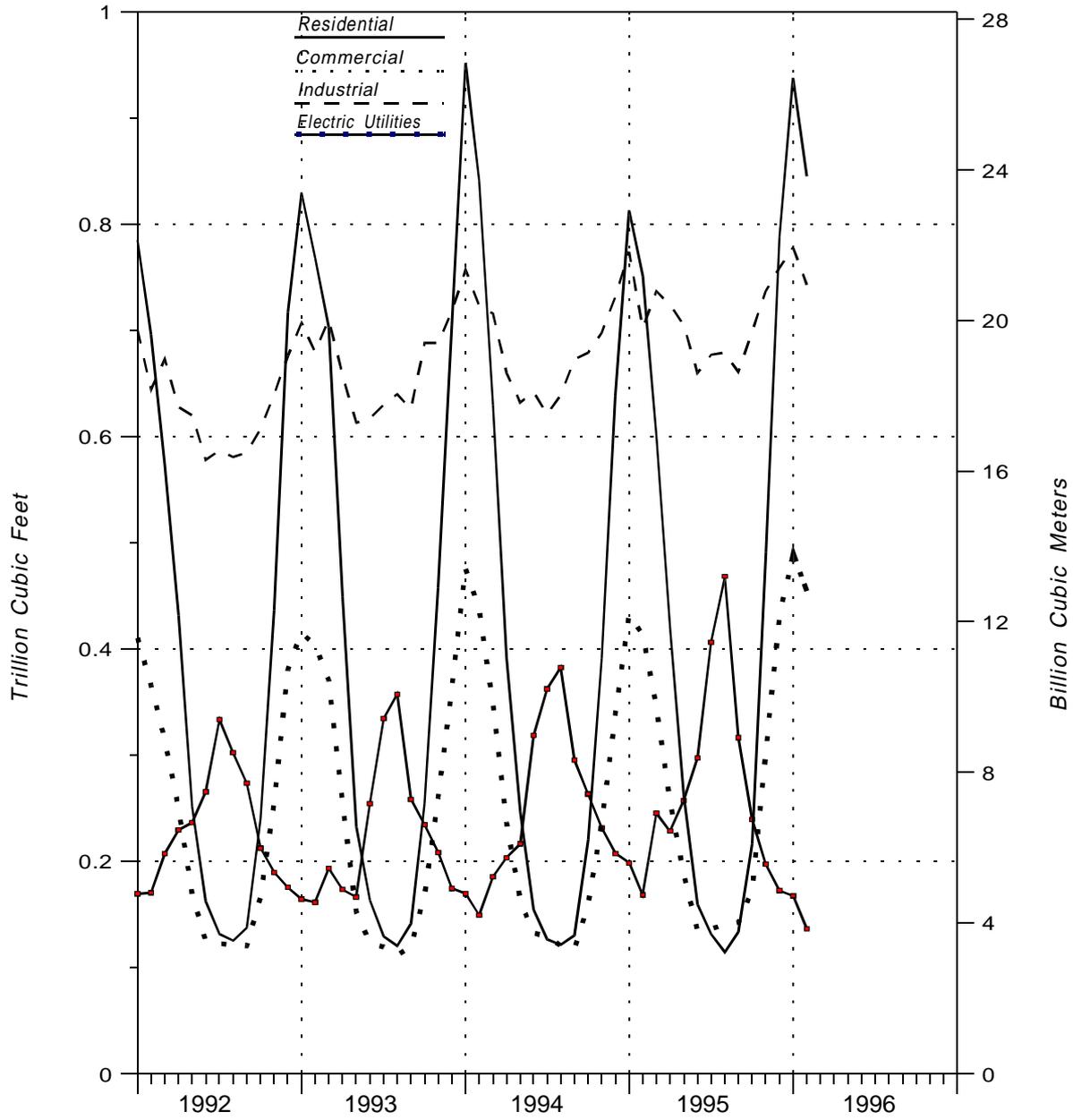
<sup>R</sup> = Revised Data.

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

Notes: Data for 1989 through 1994 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. Deliveries to commercial consumers for total year 1993 and 1994 may not equal the sum of the twelve months. Gas volumes delivered for use as vehicle fuel are included in the annual total but not in the monthly components.

Sources: All data except electric utility: EIA *Natural Gas Annual 1994*, 1989 through 1994; and Form EIA-857 and computations January 1995 through the current month. See Appendix A, Explanatory Note 5, for computation procedures and revision policy. Electric utility data: Form EIA-759, "Monthly Power Plant Report" (formerly Form FPC-4).

Figure 2. Natural Gas Deliveries to Consumers in the United States, 1992-1996



Source: *Natural Gas Annual*, Form EIA-857, and Form EIA-759.

**Table 4. Selected National Average Natural Gas Prices, 1990-1996**  
(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price <sup>a</sup>	City Gate	Delivered to Consumers					Electric Utilities <sup>c</sup>
			Residential	Commercial		Industrial		
				Price	% of Total <sup>b</sup>	Price	% of Total <sup>b</sup>	
<b>1990 Annual Average</b> .....	1.71	3.03	5.80	4.83	86.6	2.93	35.2	2.38
<b>1991 Annual Average</b> .....	1.64	2.90	5.82	4.81	85.1	2.69	32.7	2.18
<b>1992 Annual Average</b> .....	1.74	3.01	5.89	4.88	83.2	2.84	30.3	2.36
<b>1993 Annual Average</b> .....	2.04	3.21	6.16	5.22	83.9	3.07	29.7	2.61
<b>1994</b>								
January .....	2.00	3.04	5.93	5.50	83.8	3.47	27.6	2.67
February .....	1.88	3.26	6.04	5.58	83.9	3.42	29.7	2.80
March .....	1.86	3.33	6.30	5.67	83.0	3.47	28.3	2.67
April .....	1.94	3.15	6.60	5.60	78.8	3.00	26.8	2.44
May .....	1.87	3.17	6.84	5.47	74.1	2.92	25.5	2.46
June .....	1.84	3.17	7.66	5.37	70.0	2.69	23.3	2.25
July .....	1.80	3.12	8.10	5.25	68.8	2.77	24.0	2.27
August .....	2.02	3.15	8.22	5.31	71.8	2.67	23.6	2.16
September .....	1.90	2.92	7.84	5.36	72.2	2.55	22.2	2.00
October .....	1.81	2.80	6.86	5.10	74.0	2.50	23.9	1.95
November .....	1.72	2.84	6.27	5.19	77.9	2.86	24.1	2.10
December .....	1.84	2.86	6.06	5.24	82.3	2.99	25.7	2.17
<b>Annual Average</b> .....	1.88	3.07	6.41	5.44	79.3	3.05	25.5	2.28
<b>1995</b>								
January .....	1.65	2.79	5.83	5.20	75.7	2.94	23.8	<sup>R</sup> 2.15
February .....	1.46	2.71	5.74	5.09	76.0	2.95	23.3	<sup>R</sup> 2.01
March .....	1.48	2.74	5.82	5.08	75.4	2.75	23.0	<sup>R</sup> 1.93
April .....	1.48	2.70	6.04	5.03	71.8	2.58	22.2	<sup>R</sup> 1.98
May .....	1.63	2.80	6.53	5.00	65.8	2.52	20.7	<sup>R</sup> 2.06
June .....	1.66	2.90	7.48	5.11	66.0	2.44	21.5	<sup>R</sup> 2.07
July .....	1.45	2.83	7.80	5.02	60.7	2.38	19.7	<sup>R</sup> 1.91
August .....	1.37	2.81	8.12	4.93	58.1	2.34	19.3	<sup>R</sup> 1.85
September .....	1.56	2.83	7.72	4.97	59.2	2.51	19.3	<sup>R</sup> 1.95
October .....	1.60	2.84	6.61	4.78	64.0	2.49	19.5	<sup>R</sup> 2.10
November .....	1.71	2.67	5.59	4.78	70.7	2.70	21.4	<sup>R</sup> 2.23
December .....	1.98	2.83	5.57	4.88	70.5	3.06	20.6	<sup>R</sup> 2.59
<b>Annual Average</b> .....	<sup>E</sup> 1.59	2.78	6.06	5.01	70.3	2.66	21.3	<sup>R</sup> 2.03
<b>1996</b>								
January .....	<sup>R</sup> 2.04	3.13	5.61	5.19	71.5	3.32	20.4	2.91
February .....	<sup>E</sup> 2.00	3.17	5.80	5.20	74.8	3.53	20.2	NA
<b>1996 YTD</b> .....	2.02	3.15	5.70	5.20	73.1	3.43	20.3	2.91
<b>1995 YTD</b> .....	1.56	2.75	5.78	5.14	75.9	2.94	23.6	2.15
<b>1994 YTD</b> .....	1.94	3.14	5.98	5.54	83.8	3.44	28.5	2.67

<sup>a</sup> See Appendix A, Explanatory Note 8, of the *Natural Gas Monthly* (NGM) for discussion of wellhead prices.

<sup>b</sup> Percentage of total deliveries represented by onsystem sales, see Figure 6. See Table 24 for breakdown by State.

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

<sup>R</sup> = Revised Data.

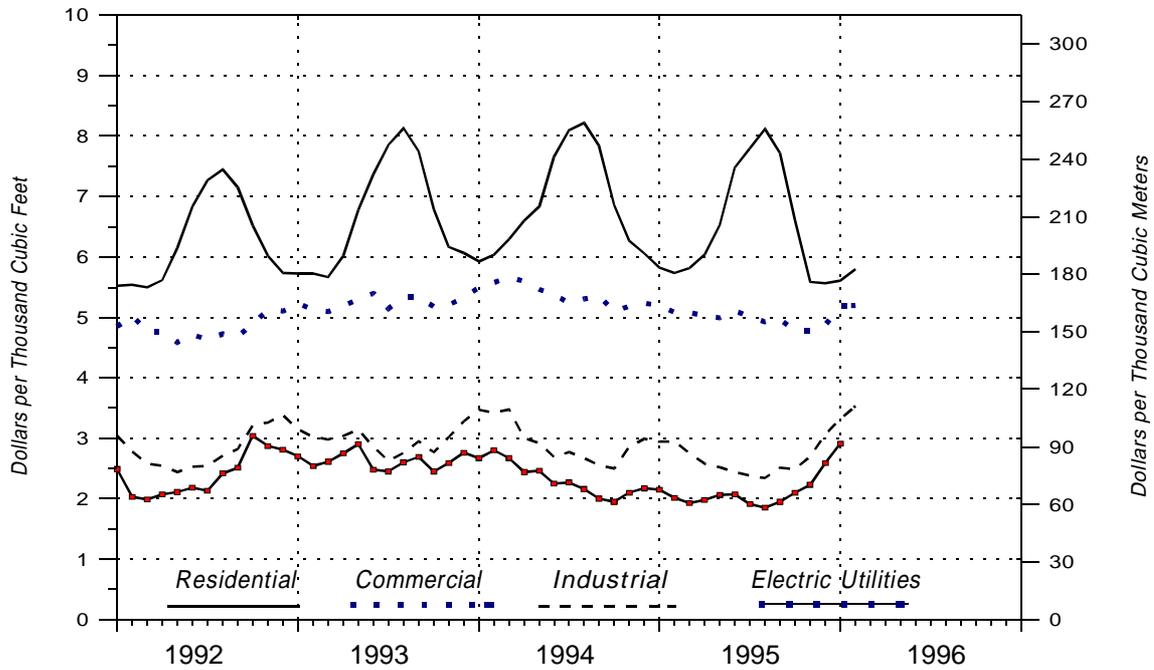
<sup>E</sup> = Estimated Data.

NA = Not Available.

Notes: • Data for 1989 through 1994 are final. All other data are preliminary unless otherwise indicated. • Geographic coverage is the 50 States and the District of Columbia.

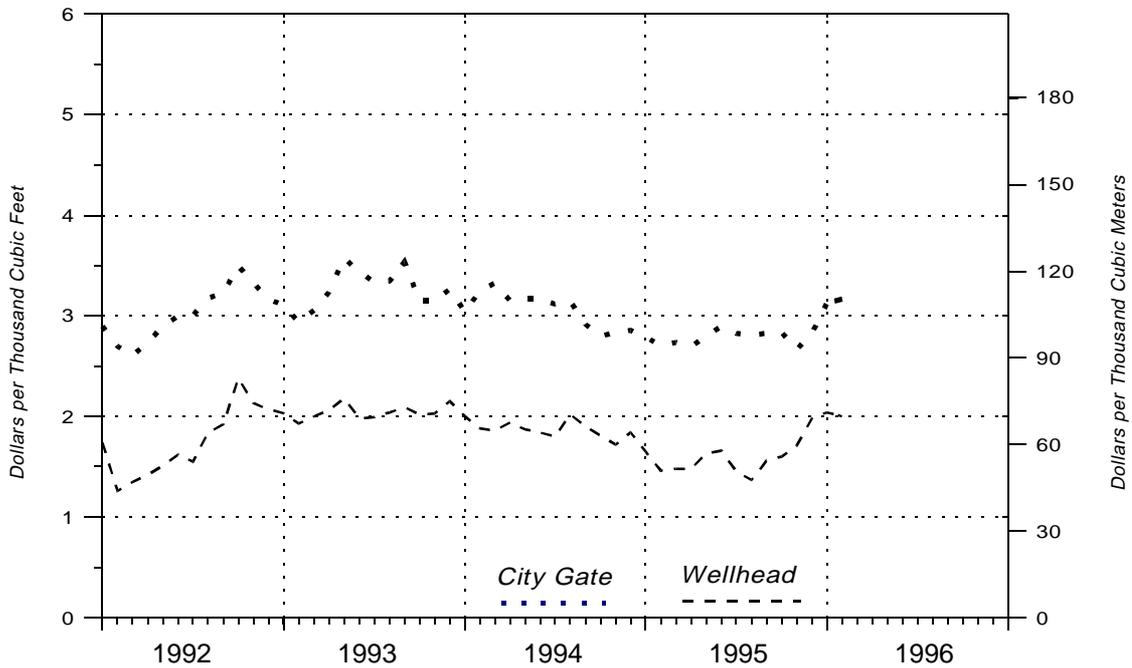
Sources: • Average wellhead price: EIA *Natural Gas Annual 1994*, 1989 through 1994; and EIA estimates, January 1995 through current month. See Appendix A, Explanatory Note 8 for estimation procedures and revision policy. • Average City Gate, Residential, Commercial and Industrial average prices for 1989 through current month from Form EIA-857. See Appendix A, Explanatory Note 5, for discussion of NGM revision policy. • Electric Utilities averages from Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Figure 3. Average Price of Natural Gas Delivered to Consumers in the United States, 1992-1996**



Source: *Natural Gas Annual*, Form EIA-857, and Form FERC-423.

**Figure 4. Average Price of Natural Gas in the United States, 1992-1996**



Source: *Natural Gas Annual* and Form EIA-857.

**Table 5. U.S. Natural Gas Imports, by Country, 1990-1996**  
(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year and Month	Pipeline				LNG		Total	
	Canada		Mexico		Algeria		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price		
<b>1990 Total</b> .....	1,448,065	1.91	—	—	84,193	2.47	1,532,259	1.94
<b>1991 Total</b> .....	1,709,716	1.81	—	—	63,596	2.36	1,773,313	1.83
<b>1992 Total</b> .....	2,094,387	1.84	—	—	43,116	2.54	2,137,504	1.85
<b>1993 Total</b> .....	2,266,751	2.02	1,678	1.94	81,685	2.20	2,350,115	2.03
<b>1994</b>								
January .....	229,206	2.12	1,539	1.79	10,150	2.02	240,895	2.11
February .....	193,027	2.22	569	2.15	5,065	3.13	198,661	2.24
March .....	213,096	2.21	2,147	2.19	7,616	2.38	222,858	2.21
April .....	204,113	1.96	0	—	7,636	1.92	211,749	1.96
May .....	199,367	1.93	1,663	2.02	5,101	2.40	206,131	1.94
June .....	194,458	1.76	1,094	1.77	5,029	2.04	200,582	1.77
July .....	213,486	1.81	0	—	7,680	2.18	221,166	1.82
August .....	218,879	1.76	0	—	0	—	218,879	1.76
September .....	207,495	1.64	0	—	2,501	2.94	209,996	1.66
October .....	221,627	1.54	0	—	0	—	221,627	1.54
November .....	225,819	1.71	0	—	0	—	225,819	1.71
December .....	245,477	1.72	0	—	0	—	245,477	1.72
<b>Total</b> .....	2,566,049	1.86	7,013	1.99	50,778	2.28	2,623,839	1.87
<b>1995</b>								
January .....	248,246	1.53	158	1.38	2,510	2.40	250,914	1.54
February .....	225,034	1.45	0	—	2,573	1.65	227,606	1.45
March .....	247,449	1.44	150	1.50	2,621	2.45	250,220	1.45
April .....	198,928	1.34	0	—	0	—	198,928	1.34
May .....	214,884	1.43	0	—	2,576	1.72	217,460	1.43
June .....	217,081	1.44	0	—	0	—	217,081	1.44
July .....	222,433	1.40	0	—	0	—	222,433	1.40
August .....	227,228	1.35	823	1.53	2,648	2.42	230,700	1.36
September .....	223,678	1.39	3,871	1.53	0	—	227,549	1.39
October .....	232,633	1.54	1,718	1.56	0	—	234,351	1.54
November .....	222,820	1.59	0	—	2,487	2.47	225,307	1.60
December .....	248,366	1.71	0	—	2,502	2.65	250,868	1.72
<b>Total</b> .....	2,728,780	1.47	6,720	1.53	17,918	2.25	2,753,418	1.48
<b>1996</b>								
January .....	<sup>R</sup> 247,111	NA	0	—	2,460	NA	<sup>RE</sup> 249,572	NA
February .....	<sup>E</sup> 233,763	NA	0	—	2,512	NA	<sup>E</sup> 236,275	NA
March .....	<sup>E</sup> 245,761	NA	0	NA	2,599	NA	<sup>E</sup> 248,360	NA
<b>1996 YTD</b> .....	726,635	NA	0	NA	7,572	NA	734,207	NA
<b>1995 YTD</b> .....	720,728	1.47	308	1.44	7,704	2.17	728,740	1.48
<b>1994 YTD</b> .....	635,328	2.18	4,255	2.04	22,831	2.39	662,414	2.18

<sup>R</sup> = Revised Data.  
<sup>E</sup> = Estimated Data.  
<sup>RE</sup> = Revised Estimated Data.  
NA = Not Available.  
— = Not Applicable.

Sources: 1989-1994: Energy Information Administration, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." January 1995 through the current month: Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Import and Exports*. Monthly data (for the most current months), Pipeline: data shown with an E are taken from data from the National Energy Board of Canada plus EIA estimates. LNG: industry reports.

**Table 6. U.S. Natural Gas Exports, by Country, 1990-1996**  
(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year and Month	Pipeline				LNG		Total	
	Canada		Mexico		Japan		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price		
<b>1990 Total</b> .....	17,359	2.70	15,659	1.88	52,546	3.59	85,565	3.10
<b>1991 Total</b> .....	14,791	1.91	60,448	1.76	54,005	3.71	129,244	2.59
<b>1992 Total</b> .....	67,777	1.83	95,973	1.90	52,532	3.43	216,282	2.25
<b>1993 Total</b> .....	44,518	2.14	39,676	2.02	55,989	3.34	140,183	2.59
<b>1994</b>								
January .....	4,084	2.41	1,546	2.22	5,466	3.08	11,097	2.71
February .....	7,809	2.75	1,459	2.10	3,630	2.99	12,898	2.74
March .....	12,279	2.73	1,367	2.11	5,510	2.92	19,156	2.74
April .....	3,872	2.20	1,411	1.91	3,676	2.92	8,959	2.45
May .....	2,940	2.21	1,829	1.93	3,692	2.95	8,462	2.47
June .....	5,775	2.22	1,278	1.68	5,543	3.02	12,596	2.52
July .....	2,823	2.32	2,268	1.82	5,557	3.15	10,647	2.65
August .....	1,259	2.46	6,981	1.71	5,561	3.29	13,801	2.42
September .....	1,684	2.40	6,987	1.56	5,565	3.39	14,236	2.37
October .....	1,591	2.35	5,659	1.37	5,555	3.41	12,805	2.38
November .....	4,446	2.03	9,398	1.61	5,540	3.37	19,384	2.21
December .....	3,995	2.09	6,317	1.68	7,386	3.35	17,698	2.47
<b>Total</b> .....	52,556	2.43	46,500	1.68	62,682	3.18	161,738	2.50
<b>1995</b>								
January .....	2,585	1.94	5,576	1.54	5,541	3.35	13,702	2.35
February .....	2,121	1.89	5,542	1.39	5,557	3.37	13,220	2.30
March .....	2,537	1.96	6,670	1.36	5,573	3.37	14,780	2.22
April .....	2,812	1.76	5,953	1.50	3,741	3.47	12,506	2.15
May .....	2,449	1.85	6,841	1.58	3,698	3.54	12,988	2.19
June .....	2,696	1.82	7,837	1.59	5,559	3.59	16,092	2.32
July .....	2,769	1.73	6,524	1.40	5,582	3.58	14,875	2.28
August .....	2,993	1.65	3,430	1.29	7,533	3.47	13,956	2.55
September .....	3,672	1.94	2,378	1.47	5,656	3.36	11,706	2.53
October .....	2,930	1.90	5,588	1.64	3,733	3.30	12,251	2.21
November .....	1,627	2.21	3,536	1.65	7,518	3.42	12,681	2.77
December .....	1,244	2.43	1,303	1.82	5,600	3.36	8,147	2.97
<b>Total</b> .....	30,435	1.89	61,178	1.50	65,290	3.43	156,903	2.38
<b>1996</b>								
January .....	<sup>E</sup> 3,000	NA	<sup>E</sup> 1,000	NA	5,534	NA	<sup>E</sup> 9,534	NA
February .....	<sup>E</sup> 1,500	NA	<sup>E</sup> 1,500	NA	5,619	NA	<sup>E</sup> 8,619	NA
March .....	<sup>E</sup> 2,000	NA	<sup>E</sup> 2,000	NA	5,642	NA	<sup>E</sup> 9,642	NA
<b>1996 YTD</b> .....	6,500	NA	4,500	NA	16,795	NA	27,795	NA
<b>1995 YTD</b> .....	7,243	1.93	17,788	1.43	16,671	3.36	41,702	2.29
<b>1994 YTD</b> .....	24,172	2.68	4,372	2.15	14,607	3.00	43,151	2.73

<sup>E</sup> = Estimated Data.

NA = Not Available.

Sources: 1989-1994: Energy Information Administration, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." January 1995 through the current month: Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Import and Exports*. Monthly data (for the most current months), Pipeline: data shown with an E are taken from data from the National Energy Board of Canada plus EIA estimates. LNG: industry reports.

**Table 7. Marketed Production of Natural Gas, by State, 1990-1996**  
(Million Cubic Feet)

Year and Month	Alabama <sup>b</sup>	Alaska	California	Colorado	Florida	Kansas
<b>1990 Total</b> .....	135,276	402,907	362,748	242,997	6,483	573,603
<b>1991 Total</b> .....	170,847	437,822	378,384	285,961	4,884	628,459
<b>1992 Total</b> .....	355,099	443,597	365,632	323,041	6,657	658,007
<b>1993 Total</b> .....	388,024	430,350	315,851	400,985	7,085	686,347
<b>1994</b>						
January .....	44,473	40,616	28,017	38,036	595	69,466
February .....	42,632	38,606	26,773	34,940	550	62,760
March .....	46,113	38,727	26,676	36,897	696	56,433
April .....	44,806	35,287	24,657	37,572	610	49,373
May .....	46,015	34,113	24,997	40,769	658	52,903
June .....	40,103	34,864	24,954	35,514	547	54,985
July .....	43,780	33,374	24,511	37,317	744	55,058
August .....	42,942	37,677	25,518	37,806	597	58,238
September .....	35,148	38,157	25,257	37,957	578	56,981
October .....	43,200	41,925	26,375	39,150	691	64,086
November .....	42,512	37,556	24,382	38,570	626	61,683
December .....	43,547	42,521	27,310	38,681	592	70,766
<b>Total</b> .....	515,271	453,425	309,427	453,207	7,486	712,730
<b>1995</b>						
January .....	34,876	43,485	26,389	<sup>E</sup> 36,559	613	63,402
February .....	30,268	37,688	23,511	<sup>E</sup> 33,266	560	55,728
March .....	33,833	43,226	24,449	<sup>E</sup> 35,218	615	59,720
April .....	33,434	37,450	22,942	<sup>E</sup> 36,106	578	60,129
May .....	34,251	36,790	23,330	<sup>E</sup> 38,383	606	60,645
June .....	31,517	37,413	23,653	<sup>E</sup> 35,476	537	57,860
July .....	33,631	36,396	23,270	<sup>E</sup> 35,542	540	60,557
August .....	31,351	38,442	24,417	<sup>E</sup> 37,287	504	58,636
September .....	35,039	35,407	23,379	<sup>E</sup> 36,470	508	56,237
October .....	34,074	39,224	23,401	<sup>E</sup> 37,741	475	59,644
November .....	35,480	41,395	23,308	<sup>E</sup> 38,617	497	62,206
December .....	36,488	43,262	24,701	<sup>E</sup> 41,454	504	<sup>RE</sup> 66,969
<b>Total</b> .....	404,243	470,177	286,749	442,118	6,538	<sup>R</sup> 721,733
<b>1996</b>						
January .....	<sup>E</sup> 34,820	44,811	20,482	<sup>E</sup> 39,967	518	<sup>E</sup> 62,504

See footnotes at end of table.

**Table 7. Marketed Production of Natural Gas, by State, 1990-1996**  
(Million Cubic Feet) — Continued

Year and Month	Louisiana	Michigan	Mississippi	Montana	New Mexico	North Dakota
<b>1990 Total</b> .....	5,241,989	172,151	94,616	50,429	965,104	52,169
<b>1991 Total</b> .....	5,034,361	195,749	108,031	51,999	1,038,284	53,479
<b>1992 Total</b> .....	4,914,300	194,815	91,697	53,867	1,268,863	54,883
<b>1993 Total</b> .....	4,991,138	204,635	80,695	54,528	1,409,429	59,851
<b>1994</b>						
January .....	486,667	27,679	5,804	4,928	138,880	5,053
February .....	445,672	3,071	5,339	4,469	134,477	4,584
March .....	451,677	35,710	5,877	4,562	133,438	5,042
April .....	431,970	7,755	5,340	4,384	128,437	5,024
May .....	443,281	25,719	5,339	4,078	132,241	5,138
June .....	427,078	18,410	5,152	3,347	126,762	4,858
July .....	418,645	20,693	5,059	3,392	125,074	4,849
August .....	421,280	18,210	5,430	3,753	131,960	4,790
September .....	393,299	20,327	5,855	3,924	126,005	4,522
October .....	404,335	15,412	4,812	4,451	131,176	4,835
November .....	409,799	18,566	4,621	4,476	120,161	4,615
December .....	436,002	11,105	4,820	4,652	129,078	4,494
<b>Total</b> .....	5,169,705	222,657	63,448	50,416	1,557,689	57,805
<b>1995</b>						
January .....	<sup>£</sup> 455,056	23,203	7,812	4,907	<sup>£</sup> 134,458	4,022
February .....	<sup>£</sup> 401,623	16,185	7,010	4,274	<sup>£</sup> 126,170	3,932
March .....	<sup>£</sup> 439,949	24,277	7,816	4,694	<sup>£</sup> 132,436	4,410
April .....	<sup>£</sup> 434,412	18,025	7,549	4,361	<sup>£</sup> 131,725	4,111
May .....	<sup>£</sup> 454,394	20,002	8,266	4,364	<sup>£</sup> 137,601	4,312
June .....	<sup>£</sup> 434,353	25,793	7,957	3,414	<sup>£</sup> 130,654	4,186
July .....	<sup>£</sup> 445,374	23,957	8,033	3,472	<sup>£</sup> 134,314	3,615
August .....	<sup>£</sup> 428,334	19,626	8,798	3,388	<sup>£</sup> 139,843	4,128
September .....	<sup>£</sup> 428,597	22,263	8,882	3,717	<sup>£</sup> 134,265	4,129
October .....	<sup>£</sup> 399,662	20,057	8,621	4,345	<sup>£</sup> 139,019	4,240
November .....	<sup>£</sup> 412,961	15,479	8,249	4,566	<sup>£</sup> 136,102	4,019
December .....	<sup>£</sup> 445,922	15,974	8,379	4,690	<sup>£</sup> 142,626	4,102
<b>Total</b> .....	5,180,637	244,841	97,371	50,192	1,619,213	49,207
<b>1996</b>						
January .....	<sup>£</sup> 453,225	22,482	8,121	4,903	<sup>£</sup> 149,040	4,109

See footnotes at end of table.

**Table 7. Marketed Production of Natural Gas, by State, 1990-1996**  
(Million Cubic Feet) — Continued

Year and Month	Oklahoma	Texas	Utah	Wyoming	Other <sup>a</sup> States	U.S. Total
<b>1990 Total</b> .....	2,258,471	6,343,146	145,875	735,728	810,100	18,593,792
<b>1991 Total</b> .....	2,153,852	6,280,654	144,817	776,528	788,328	18,532,439
<b>1992 Total</b> .....	2,017,356	6,145,862	171,293	842,576	804,264	18,711,808
<b>1993 Total</b> .....	2,049,942	6,249,624	225,401	634,957	793,072	18,981,915
<b>1994</b>						
January .....	175,221	530,798	21,029	60,965	<sup>E</sup> 74,109	1,752,335
February .....	167,308	485,454	21,411	51,424	<sup>E</sup> 68,003	1,597,472
March .....	166,998	546,076	23,603	59,852	<sup>E</sup> 68,402	1,706,782
April .....	153,319	528,145	23,079	62,747	<sup>E</sup> 64,012	1,606,517
May .....	155,505	541,510	23,787	60,321	<sup>E</sup> 65,564	1,661,938
June .....	155,466	527,253	22,146	57,577	<sup>E</sup> 64,866	1,603,882
July .....	153,086	552,350	22,953	58,805	<sup>E</sup> 66,657	1,626,347
August .....	159,530	551,937	23,515	61,520	<sup>E</sup> 66,947	1,651,649
September .....	158,388	515,961	21,778	57,555	<sup>E</sup> 65,266	1,566,957
October .....	165,141	519,835	23,073	54,632	<sup>E</sup> 68,156	1,611,284
November .....	153,280	522,375	22,151	54,457	<sup>E</sup> 64,155	1,583,985
December .....	171,622	532,151	22,333	56,164	<sup>E</sup> 70,509	1,666,348
<b>Total</b> .....	1,934,864	6,353,844	270,858	696,018	806,646	19,635,496
<b>1995</b>						
January .....	<sup>E</sup> 158,449	540,249	22,354	77,224	<sup>E</sup> 69,794	1,702,854
February .....	<sup>E</sup> 141,786	488,673	21,686	65,794	<sup>E</sup> 64,221	1,522,375
March .....	<sup>E</sup> 155,881	538,849	24,618	69,792	<sup>E</sup> 66,595	1,666,378
April .....	<sup>E</sup> 150,507	529,469	24,529	70,432	<sup>E</sup> 63,351	1,629,109
May .....	<sup>E</sup> 159,097	549,870	22,498	70,696	<sup>E</sup> 64,006	1,689,110
June .....	<sup>E</sup> 149,529	531,073	15,626	69,230	<sup>E</sup> 63,004	1,621,274
July .....	<sup>E</sup> 150,178	539,417	17,120	68,148	<sup>E</sup> 63,907	1,647,470
August .....	<sup>E</sup> 153,861	536,273	17,676	65,751	<sup>E</sup> 64,516	1,632,831
September .....	<sup>E</sup> 153,561	522,690	18,447	67,355	<sup>E</sup> 62,924	1,613,868
October .....	<sup>E</sup> 157,743	532,591	16,987	74,633	<sup>E</sup> 66,883	1,619,340
November .....	<sup>E</sup> 156,044	521,554	18,062	72,218	<sup>E</sup> 65,327	1,616,084
December .....	<sup>E</sup> 160,927	541,853	20,493	75,648	<sup>E</sup> 70,686	<sup>R</sup> 1,704,679
<b>Total</b> .....	1,847,563	6,372,561	240,095	846,921	785,214	<sup>R</sup> 19,665,373
<b>1996</b>						
January .....	<sup>E</sup> 160,437	537,739	<sup>E</sup> 20,132	77,963	<sup>E</sup> 70,671	1,711,922

<sup>a</sup> Includes Arizona, Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Oregon, Pennsylvania, South Dakota, Tennessee, Virginia and West Virginia. The 1995 monthly values for these States are estimated.

<sup>b</sup> The 1992, 1993, and 1994 monthly and annual values for Alabama include Federal Offshore production.

<sup>R</sup> = Revised Data.

<sup>E</sup> = Estimated Data.

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

Notes: Data for 1990 through 1994 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: •EIA *Natural Gas Annual 1994* 1990 through 1994. •Form EIA-895, MMS reports, and EIA computations, January 1995 through current month.

**Table 8. Gross Withdrawals and Marketed Production of Natural Gas by State,  
January 1996**  
(Million Cubic Feet)

Year and State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed <sup>a</sup>	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama .....	£38,549	£947	£39,495	£2,265	£2,219	£191	£34,820
Alaska .....	18,005	283,386	301,391	255,897	0	683	44,811
California .....	7,089	23,193	30,282	9,677	83	40	20,482
Colorado .....	£32,286	£8,961	£41,247	£1,038	0	£242	£39,967
Florida .....	0	£569	569	0	51	0	518
Kansas .....	55,152	7,521	62,673	107	0	63	£62,504
Louisiana .....	£398,835	£59,956	£458,791	£3,598	0	£1,968	£453,225
Michigan .....	18,363	4,591	22,954	195	0	277	22,482
Mississippi .....	9,510	491	10,000	881	276	723	8,121
Montana .....	4,400	550	4,950	11	0	36	4,903
New Mexico .....	£132,139	£19,096	£151,235	£1,660	£302	£233	£149,040
North Dakota .....	1,419	3,284	4,703	227	10	358	4,109
Oklahoma .....	£134,897	£25,540	£160,437	0	0	0	£160,437
Texas .....	476,744	115,461	592,205	38,352	13,621	2,493	537,739
Utah .....	£23,193	£3,298	£26,491	£1,040	0	£5,318	£20,132
Wyoming .....	89,329	13,025	102,354	7,615	15,138	1,638	77,963
Other States .....	£67,993	£3,942	£71,936	£641	£34	£590	£70,671
<b>Total</b> .....	1,507,902	573,810	2,081,713	323,204	31,734	14,853	1,711,922

<sup>a</sup> See Appendix A, Explanatory Note 1, for a discussion of data on Nonhydrocarbon Gases Removed.

£ = Estimated Data.

Notes: All monthly data are considered preliminary until publication of the Natural Gas Annual for that year. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

Source: Form EIA-895.

**Table 9. Underground Natural Gas Storage - All Operators, 1990-1996**  
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total <sup>b</sup>	Volume	Percent	Injections	Withdrawals	Net <sup>c</sup>
<b>1990 Total<sup>a</sup></b> .....	3,868	3,068	6,936	555	22.1	2,433	1,934	499
<b>1991 Total<sup>a</sup></b> .....	3,954	2,824	6,778	-244	-8.0	2,608	2,689	-80
<b>1992 Total<sup>a</sup></b> .....	4,044	2,597	6,641	-227	-8.0	2,555	2,724	-168
<b>1993 Total<sup>a</sup></b> .....	4,327	2,322	6,649	-275	-10.6	2,760	2,717	43
<b>1994</b>								
January .....	4,348	1,579	5,927	-247	-13.5	35	792	-758
February .....	4,337	1,091	5,428	-212	-16.3	50	567	-517
March .....	4,343	958	5,301	-71	-6.9	106	240	-135
April .....	4,345	1,172	5,517	51	4.6	286	68	218
May .....	4,352	1,554	5,906	33	2.2	427	25	403
June .....	4,352	1,896	6,248	2	0.1	381	37	344
July .....	4,355	2,273	6,629	33	1.5	410	26	384
August .....	4,355	2,607	6,961	52	2.1	373	30	343
September .....	4,353	2,912	7,266	28	1.0	345	21	324
October .....	4,354	3,075	7,429	97	3.3	224	54	170
November .....	4,353	2,978	7,331	215	7.8	105	204	-99
December .....	4,360	2,606	6,966	284	12.2	54	443	-389
<b>Total</b> .....	—	—	—	—	—	2,796	2,508	288
<b>1995</b>								
January .....	<sup>R</sup> 4,364	<sup>R</sup> 2,041	<sup>R</sup> 6,405	<sup>R</sup> 462	<sup>R</sup> 29.2	<sup>R</sup> 43	<sup>R</sup> 622	<sup>R</sup> -579
February .....	<sup>R</sup> 4,367	<sup>R</sup> 1,539	<sup>R</sup> 5,905	<sup>R</sup> 448	<sup>R</sup> 41.1	43	<sup>R</sup> 545	<sup>R</sup> -502
March .....	<sup>R</sup> 4,361	<sup>R</sup> 1,330	<sup>R</sup> 5,690	<sup>R</sup> 372	<sup>R</sup> 38.8	<sup>R</sup> 102	<sup>R</sup> 317	<sup>R</sup> -215
April .....	<sup>R</sup> 4,359	<sup>R</sup> 1,378	<sup>R</sup> 5,737	<sup>R</sup> 206	<sup>R</sup> 17.6	<sup>R</sup> 171	<sup>R</sup> 124	47
May .....	<sup>R</sup> 4,392	<sup>R</sup> 1,667	<sup>R</sup> 6,059	<sup>R</sup> 113	<sup>R</sup> 7.3	<sup>R</sup> 353	<sup>R</sup> 33	320
June .....	<sup>R</sup> 4,404	2,012	<sup>R</sup> 6,417	116	6.1	<sup>R</sup> 393	<sup>R</sup> 41	<sup>R</sup> 352
July .....	<sup>R</sup> 4,338	<sup>R</sup> 2,300	<sup>R</sup> 6,638	<sup>R</sup> 26	<sup>R</sup> 1.2	345	53	292
August .....	<sup>R</sup> 4,338	<sup>R</sup> 2,494	<sup>R</sup> 6,832	<sup>R</sup> -113	<sup>R</sup> -4.3	<sup>R</sup> 280	<sup>R</sup> 85	<sup>R</sup> 195
September .....	<sup>R</sup> 4,339	<sup>R</sup> 2,796	<sup>R</sup> 7,135	<sup>R</sup> -116	<sup>R</sup> -4.0	<sup>R</sup> 328	<sup>R</sup> 30	<sup>R</sup> 298
October .....	<sup>R</sup> 4,336	<sup>R</sup> 2,988	<sup>R</sup> 7,324	<sup>R</sup> -87	<sup>R</sup> -2.8	<sup>R</sup> 261	<sup>R</sup> 67	<sup>R</sup> 194
November .....	<sup>R</sup> 4,339	<sup>R</sup> 2,718	<sup>R</sup> 7,057	<sup>R</sup> -260	<sup>R</sup> -8.7	<sup>R</sup> 88	<sup>R</sup> 356	<sup>R</sup> -269
December .....	<sup>R</sup> 4,343	<sup>R</sup> 2,148	<sup>R</sup> 6,492	<sup>R</sup> -458	<sup>R</sup> -17.6	<sup>R</sup> 52	<sup>R</sup> 618	<sup>R</sup> -566
<b>Total</b> .....	—	—	—	—	—	<sup>R</sup> 2,459	<sup>R</sup> 2,890	<sup>R</sup> -431
<b>1996</b>								
January .....	<sup>R</sup> 4,342	<sup>R</sup> 1,454	<sup>R</sup> 5,795	<sup>R</sup> -587	<sup>R</sup> -28.8	<sup>R</sup> 46	<sup>R</sup> 741	<sup>R</sup> -695
February .....	<sup>R</sup> 4,336	<sup>R</sup> 1,015	<sup>R</sup> 5,351	<sup>R</sup> -524	<sup>R</sup> -34.1	<sup>R</sup> 93	<sup>R</sup> 539	<sup>R</sup> -446
March .....	4,277	752	5,029	-578	-43.4	75	399	-323

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

<sup>b</sup> Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1990 - 8,125; 1991 - 7,993; 1992 - 7,932; 1993 - 7,989; 1994 - 8,043; and 1995 - 7,927.

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

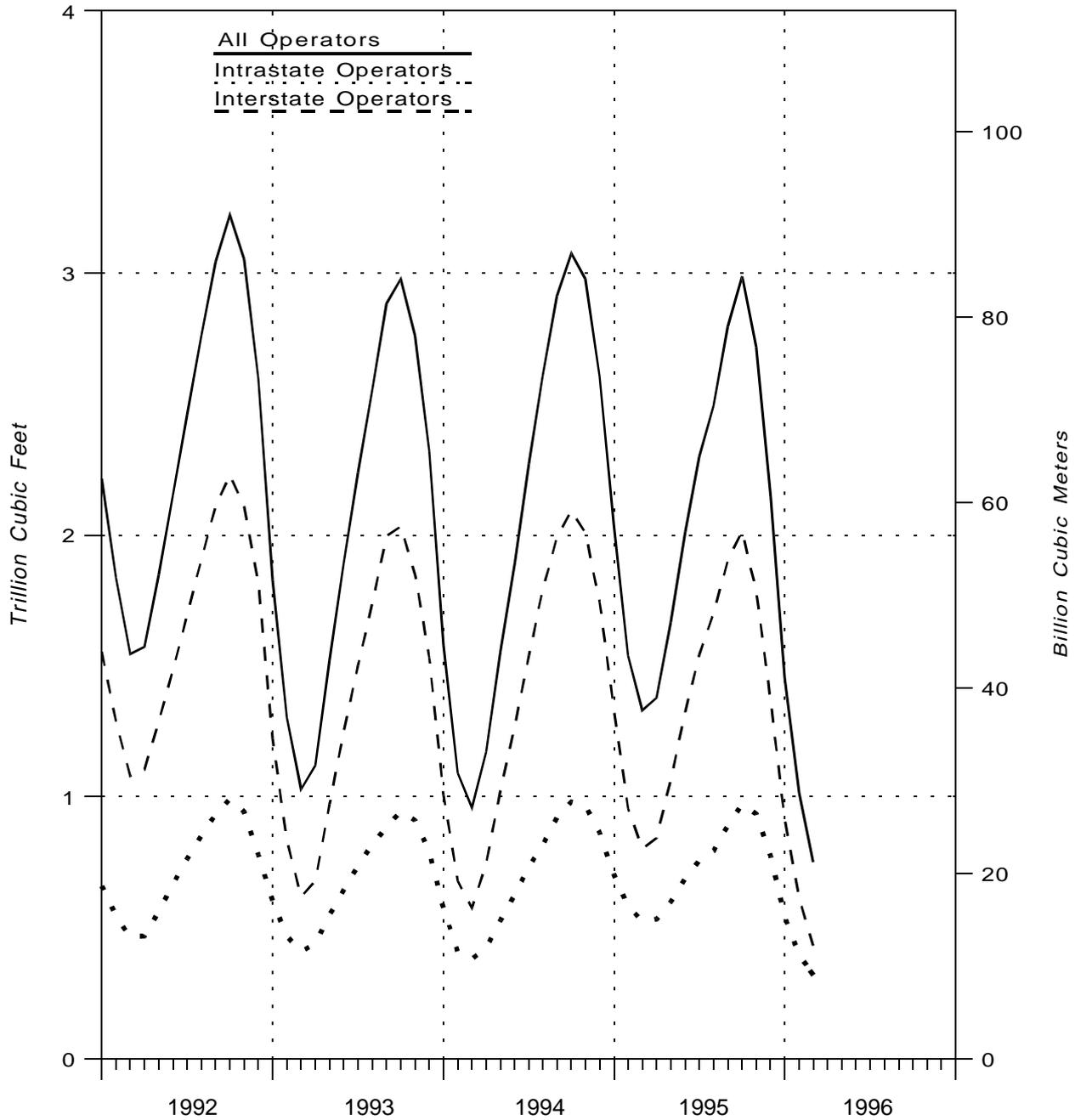
<sup>R</sup> = Revised Data.

— = Not Applicable.

Notes: Data for 1989 through 1994 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* 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. In January 1995, 2 billion cubic feet was added to base gas for two new respondents.

Source: Form EIA-191, Form FERC-8, and Form EIA-176.

Figure 5. Underground Natural Gas Storage in the United States, 1992-1996



Source: Form EIA-191 and Form EIA-176

**Table 10. Underground Natural Gas Storage - Interstate Operators of Storage Fields, 1990-1996**

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total <sup>b</sup>	Volume	Percent	Injections	Withdrawals	Net <sup>c</sup>
<b>1990 Total<sup>a</sup></b> .....	2,496	2,203	4,699	439	24.9	1,705	1,284	421
<b>1991 Total<sup>a</sup></b> .....	2,571	1,985	4,556	-218	-9.9	1,904	2,015	-111
<b>1992 Total<sup>a</sup></b> .....	2,652	1,819	4,471	-166	-8.4	1,838	1,940	-102
<b>1993 Total<sup>a</sup></b> .....	2,939	1,531	4,470	-288	-15.8	1,911	1,894	17
<b>1994</b>								
January .....	2,948	1,006	3,954	-216	-17.7	19	545	-526
February .....	2,943	680	3,623	-153	-18.4	34	376	-343
March .....	2,951	576	3,526	-43	-6.9	69	173	-104
April .....	2,950	748	3,697	68	10.1	209	39	170
May .....	2,956	1,024	3,980	52	5.4	304	15	290
June .....	2,956	1,270	4,225	20	1.6	265	14	251
July .....	2,958	1,540	4,498	38	2.5	293	15	278
August .....	2,957	1,790	4,746	53	3.1	269	17	253
September .....	2,959	1,992	4,951	-5	-0.2	222	12	210
October .....	2,955	2,094	5,048	60	3.0	136	37	99
November .....	2,953	2,011	4,964	161	8.7	60	151	-90
December .....	2,960	1,743	4,703	212	13.8	34	308	-274
<b>Total</b> .....	—	—	—	—	—	1,913	1,701	213
<b>1995</b>								
January .....	2,957	1,336	4,292	330	32.8	26	438	-413
February .....	2,958	956	3,914	276	40.5	20	397	-377
March .....	2,955	803	3,758	228	39.5	66	222	-156
April .....	2,954	844	3,798	96	12.9	118	78	40
May .....	2,956	1,067	4,023	43	4.2	241	17	224
June .....	2,962	<sup>R</sup> 1,324	<sup>R</sup> 4,286	<sup>R</sup> 54	<sup>R</sup> 4.3	282	23	259
July .....	2,896	1,542	4,438	2	0.2	249	28	221
August .....	2,893	<sup>R</sup> 1,700	<sup>R</sup> 4,593	<sup>R</sup> -90	<sup>R</sup> -5.0	<sup>R</sup> 200	<sup>R</sup> 44	<sup>R</sup> 157
September .....	2,894	<sup>R</sup> 1,905	<sup>R</sup> 4,800	<sup>R</sup> -87	<sup>R</sup> -4.3	218	15	203
October .....	2,891	<sup>R</sup> 2,015	<sup>R</sup> 4,907	<sup>R</sup> -79	<sup>R</sup> -3.8	157	46	<sup>R</sup> 111
November .....	2,895	<sup>R</sup> 1,784	<sup>R</sup> 4,679	<sup>R</sup> -227	-11.3	38	266	<sup>R</sup> -228
December .....	2,899	<sup>R</sup> 1,371	4,271	-371	-21.3	25	<sup>R</sup> 434	<sup>R</sup> -408
<b>Total</b> .....	—	—	—	—	—	<sup>R</sup> 1,640	<sup>R</sup> 2,007	<sup>R</sup> -368
<b>1996</b>								
January .....	2,897	<sup>R</sup> 912	<sup>R</sup> 3,809	<sup>R</sup> -424	<sup>R</sup> -31.7	23	<sup>R</sup> 483	<sup>R</sup> -460
February .....	2,894	616	3,510	<sup>R</sup> -340	-35.5	60	<sup>R</sup> 361	<sup>R</sup> -301
March .....	2,854	432	3,286	-371	-46.2	44	268	-224

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

<sup>b</sup> Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1990 - 5,622; 1991 - 5,512; 1992 - 5,524; 1993 - 5,367; 1994 - 5,351; and 1995 - 5,314.

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

<sup>R</sup> = Revised Data.

— = Not Applicable.

Notes: Data for 1989 through 1994 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* 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.

Source: Form EIA-191, Form FERC-8, and Form EIA-176.

**Table 11. Underground Natural Gas Storage - Intrastate Operators and Independent Producers, 1990-1996**  
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total <sup>b</sup>	Volume	Percent	Injections	Withdrawals	Net <sup>c</sup>
<b>1990 Total<sup>a</sup></b> .....	1,372	864	2,236	115	15.4	728	650	78
<b>1991 Total<sup>a</sup></b> .....	1,383	839	2,221	-25	-2.9	705	674	31
<b>1992 Total<sup>a</sup></b> .....	1,392	778	2,170	-61	-7.3	717	784	-67
<b>1993 Total<sup>a</sup></b> .....	1,388	791	2,179	13	1.7	826	802	24
<b>1994</b>								
January .....	1,400	573	1,973	-30	-5.0	16	247	-232
February .....	1,394	411	1,804	-59	-12.5	16	191	-175
March .....	1,392	382	1,775	-28	-6.8	37	67	-30
April .....	1,395	424	1,819	-17	-3.8	77	29	47
May .....	1,396	530	1,926	-18	-3.4	123	10	113
June .....	1,396	627	2,023	-18	-2.8	116	23	93
July .....	1,397	734	2,131	-4	-0.6	118	11	107
August .....	1,398	817	2,215	-1	-0.1	103	13	90
September .....	1,395	920	2,315	34	3.8	124	9	114
October .....	1,400	981	2,381	37	4.0	88	17	71
November .....	1,400	966	2,367	55	6.1	45	54	-9
December .....	1,400	864	2,263	73	9.2	20	136	-115
<b>Total</b> .....	—	—	—	—	—	882	807	75
<b>1995</b>								
January .....	<sup>R</sup> 1,407	<sup>R</sup> 705	<sup>R</sup> 2,113	<sup>R</sup> 132	<sup>R</sup> 23.0	<sup>R</sup> 17	<sup>R</sup> 184	<sup>R</sup> -166
February .....	<sup>R</sup> 1,408	<sup>R</sup> 583	<sup>R</sup> 1,991	<sup>R</sup> 172	<sup>R</sup> 42.0	<sup>R</sup> 24	<sup>R</sup> 148	<sup>R</sup> -124
March .....	<sup>R</sup> 1,406	<sup>R</sup> 527	<sup>R</sup> 1,932	<sup>R</sup> 144	<sup>R</sup> 37.8	<sup>R</sup> 37	<sup>R</sup> 95	<sup>R</sup> -59
April .....	<sup>R</sup> 1,405	<sup>R</sup> 534	<sup>R</sup> 1,939	<sup>R</sup> 110	<sup>R</sup> 25.9	<sup>R</sup> 53	<sup>R</sup> 46	<sup>R</sup> 7
May .....	<sup>R</sup> 1,435	<sup>R</sup> 600	<sup>R</sup> 2,036	<sup>R</sup> 70	<sup>R</sup> 13.2	<sup>R</sup> 112	<sup>R</sup> 16	<sup>R</sup> 96
June .....	<sup>R</sup> 1,442	<sup>R</sup> 688	<sup>R</sup> 2,130	<sup>R</sup> 62	<sup>R</sup> 9.8	<sup>R</sup> 111	<sup>R</sup> 17	<sup>R</sup> 94
July .....	<sup>R</sup> 1,443	<sup>R</sup> 758	<sup>R</sup> 2,201	<sup>R</sup> 24	<sup>R</sup> 3.3	<sup>R</sup> 95	<sup>R</sup> 25	<sup>R</sup> 71
August .....	<sup>R</sup> 1,445	<sup>R</sup> 794	<sup>R</sup> 2,239	<sup>R</sup> 22	<sup>R</sup> -2.7	<sup>R</sup> 80	<sup>R</sup> 41	<sup>R</sup> 38
September .....	<sup>R</sup> 1,445	<sup>R</sup> 891	<sup>R</sup> 2,335	<sup>R</sup> -29	<sup>R</sup> -3.2	<sup>R</sup> 110	<sup>R</sup> 15	<sup>R</sup> 95
October .....	<sup>R</sup> 1,444	<sup>R</sup> 973	<sup>R</sup> 2,417	<sup>R</sup> -9	<sup>R</sup> -0.9	<sup>R</sup> 103	<sup>R</sup> 21	<sup>R</sup> 83
November .....	<sup>R</sup> 1,445	<sup>R</sup> 934	<sup>R</sup> 2,378	<sup>R</sup> -33	<sup>R</sup> -3.4	<sup>R</sup> 52	<sup>R</sup> 91	<sup>R</sup> -39
December .....	<sup>R</sup> 1,447	<sup>R</sup> 774	<sup>R</sup> 2,221	<sup>R</sup> -90	<sup>R</sup> -10.4	<sup>R</sup> 27	<sup>R</sup> 185	<sup>R</sup> -158
<b>Total</b> .....	—	—	—	—	—	<sup>R</sup> 821	<sup>R</sup> 884	<sup>R</sup> -62
<b>1996</b>								
January .....	<sup>R</sup> 1,445	<sup>R</sup> 542	<sup>R</sup> 1,987	<sup>R</sup> -164	<sup>R</sup> -23.2	<sup>R</sup> 22	<sup>R</sup> 257	<sup>R</sup> -235
February .....	<sup>R</sup> 1,442	<sup>R</sup> 399	<sup>R</sup> 1,841	<sup>R</sup> -184	<sup>R</sup> -31.6	<sup>R</sup> 33	<sup>R</sup> 178	<sup>R</sup> -145
March .....	1,423	320	1,743	-207	-39.2	31	130	-99

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

<sup>b</sup> Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1990 - 2,503; 1991 - 2,481; 1992 - 2,407; 1993 - 2,621; 1994 - 2,692.; and 1995 - 2,613.

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

<sup>R</sup> = Revised Data.

— = Not Applicable.

Notes: Data for 1989 through 1994 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* 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.

Source: Form EIA-191, Form FERC-8, and Form EIA-176.

**Table 12. Net Withdrawals from Underground Storage, by State, 1994-1996**  
(Volumes in Million Cubic Feet)

State	1996			1995			
	March	February	January	Total	December	November	October
Alabama .....	162	17	54	<sup>R</sup> 408	<sup>R</sup> 400	<sup>R</sup> 189	<sup>R</sup> 73
Arkansas .....	1,259	1,115	2,112	<sup>R</sup> 709	2,149	618	80
California .....	1,292	25,281	47,300	<sup>R</sup> -27,229	25,871	-2,030	-18,155
Colorado .....	5,105	1,486	8,699	<sup>R</sup> -979	5,355	-644	-1,397
Illinois .....	23,028	<sup>R</sup> 41,246	<sup>R</sup> 68,239	<sup>R</sup> 26,877	<sup>R</sup> 44,173	15,793	<sup>R</sup> -31,931
Indiana .....	3,541	<sup>R</sup> 3,831	<sup>R</sup> 7,170	<sup>R</sup> 2,071	<sup>R</sup> 4,772	<sup>R</sup> -839	<sup>R</sup> -4,446
Iowa .....	6,372	8,820	16,663	<sup>R</sup> 6,293	15,034	10,669	-7,125
Kansas .....	10,743	<sup>R</sup> 7,491	28,184	<sup>R</sup> 5,823	16,923	<sup>R</sup> 7,650	<sup>R</sup> -11,033
Kentucky .....	7,956	12,252	<sup>R</sup> 14,488	7,386	<sup>R</sup> 11,431	9,297	-2,525
Louisiana .....	24,530	<sup>R</sup> 23,515	<sup>R</sup> 41,445	<sup>R</sup> 55,699	<sup>R</sup> 46,789	24,450	<sup>R</sup> -14,059
Maryland .....	1,500	2,677	3,787	2,056	2,941	533	-1,152
Michigan .....	52,127	<sup>R</sup> 82,900	<sup>R</sup> 131,134	<sup>R</sup> 124,148	<sup>R</sup> 117,780	<sup>R</sup> 67,143	<sup>R</sup> -32,417
Minnesota .....	222	260	781	174	256	3	-6
Mississippi .....	5,653	3,236	6,891	9,189	6,432	9,454	-2,606
Missouri .....	379	-100	1,423	32	330	-165	-124
Montana .....	3,877	<sup>R</sup> 4,792	<sup>R</sup> 6,207	3,601	5,251	3,048	554
Nebraska .....	763	718	1,845	5,819	1,593	1,598	743
New Mexico .....	2,160	1,575	1,312	2,244	1,490	1,077	-35
New York .....	8,793	<sup>R</sup> 12,727	<sup>R</sup> 14,199	<sup>R</sup> 13,998	<sup>R</sup> 17,615	<sup>R</sup> 9,682	<sup>R</sup> -1,797
Ohio .....	28,688	<sup>R</sup> 33,716	43,949	<sup>R</sup> 38,773	<sup>R</sup> 42,851	23,996	<sup>R</sup> -8,839
Oklahoma .....	16,742	23,625	33,114	19,103	23,331	8,149	-12,677
Oregon .....	651	940	1,252	-880	822	58	0
Pennsylvania .....	43,384	<sup>R</sup> 64,404	<sup>R</sup> 80,378	<sup>R</sup> 59,332	<sup>R</sup> 75,053	<sup>R</sup> 44,123	<sup>R</sup> -21,829
Texas .....	43,302	<sup>R</sup> 46,443	<sup>R</sup> 72,417	<sup>R</sup> 36,764	<sup>R</sup> 45,936	<sup>R</sup> 12,294	<sup>R</sup> -7,343
Utah .....	2,388	8,372	12,335	199	9,833	-1,316	-525
Washington .....	536	762	6,031	-3,444	-67	-67	100
West Virginia .....	27,054	30,565	40,250	42,008	39,310	23,048	-14,476
Wyoming .....	1,095	<sup>R</sup> 3,404	3,410	805	2,040	727	-1,179
<b>Total .....</b>	<b>323,302</b>	<b><sup>R</sup>446,072</b>	<b><sup>R</sup>695,070</b>	<b><sup>R</sup>430,979</b>	<b><sup>R</sup>565,696</b>	<b><sup>R</sup>268,537</b>	<b><sup>R</sup>-194,126</b>

See footnotes at end of table.

**Table 12. Net Withdrawals from Underground Storage, by State, 1994-1996**  
(Volumes in Million Cubic Feet) — Continued

State	1995						
	September	August	July	June	May	April	March
Alabama .....	<sup>R</sup> 22	<sup>R</sup> -218	<sup>R</sup> -35	<sup>R</sup> 1,289	<sup>R</sup> -27	-289	<sup>R</sup> -271
Arkansas .....	<sup>R</sup> -157	-1,390	-1,494	-1,312	-211	130	539
California .....	-15,204	1,719	<sup>R</sup> -13,401	-26,009	-26,370	2,797	7,942
Colorado .....	-2,976	-4,279	-6,114	<sup>R</sup> -6,104	<sup>R</sup> -2,203	4,715	4,979
Illinois .....	-31,913	-32,082	<sup>R</sup> -30,183	-28,861	-28,504	4,427	<sup>R</sup> 24,155
Indiana .....	-4,769	-3,727	-2,859	-1,793	-332	647	2,523
Iowa .....	-11,687	-14,741	<sup>R</sup> -10,291	-8,122	-3,955	672	4,469
Kansas .....	-16,573	<sup>R</sup> 11	<sup>R</sup> -4,944	<sup>R</sup> -12,812	-9,689	<sup>R</sup> -1,501	<sup>R</sup> 10,730
Kentucky .....	-6,767	-3,846	-6,817	-7,628	-12,771	-3,464	<sup>R</sup> 4,533
Louisiana .....	<sup>R</sup> -23,405	<sup>R</sup> -1,148	<sup>R</sup> -20,772	<sup>R</sup> -27,471	-18,654	-9,576	<sup>R</sup> 8,682
Maryland .....	-2,047	-1,183	189	-2,031	-2,000	244	105
Michigan .....	<sup>R</sup> -52,327	<sup>R</sup> -54,311	<sup>R</sup> -74,426	<sup>R</sup> -65,457	<sup>R</sup> -53,090	1,189	51,336
Minnesota .....	-241	-231	-306	-262	-331	47	257
Mississippi .....	-6,282	-753	-4,194	-1,638	-7,168	-4,717	4,052
Missouri .....	-234	-349	11	9	-621	271	42
Montana .....	-1,096	-3,206	-2,917	-2,139	-1,280	-798	689
Nebraska .....	-385	-177	-278	-866	-643	198	930
New Mexico .....	-519	1,090	-18	-1,105	-1,223	-222	-437
New York .....	<sup>R</sup> -9,030	<sup>R</sup> -8,278	-7,292	<sup>R</sup> -11,195	-8,567	-600	5,516
Ohio .....	<sup>R</sup> -18,480	-23,286	-30,746	-31,526	-27,845	5,132	19,784
Oklahoma .....	-8,005	1,755	-7,073	-12,648	-16,462	-4,420	9,874
Oregon .....	-486	0	-695	-1,034	-1,179	-867	440
Pennsylvania .....	<sup>R</sup> -43,671	<sup>R</sup> -39,875	<sup>R</sup> -33,388	<sup>R</sup> -52,469	-42,346	-13,250	28,252
Texas .....	<sup>R</sup> -18,200	<sup>R</sup> 7,232	<sup>R</sup> -1,403	<sup>R</sup> -17,805	<sup>R</sup> -23,794	<sup>R</sup> -21,928	<sup>R</sup> 8,400
Utah .....	-1,474	-3,472	-7,110	-5,954	-3,468	-1,001	3,407
Washington .....	-2,494	271	-1,413	-1,551	-2,570	-233	253
West Virginia .....	-17,711	-8,842	-22,100	-24,342	-24,418	-5,762	12,163
Wyoming .....	-1,909	-1,673	-1,702	-1,536	-451	775	1,410
<b>Total</b> .....	<sup>R</sup> -298,020	<sup>R</sup> -194,988	<sup>R</sup> -291,770	<sup>R</sup> -352,371	<sup>R</sup> -320,173	<sup>R</sup> -47,383	<sup>R</sup> 214,752

See footnotes at end of table.

**Table 12. Net Withdrawals from Underground Storage, by State, 1994-1996**  
(Volumes in Million Cubic Feet) — Continued

State	1995		1994				
	February	January	Total	December	November	October	September
Alabama .....	<sup>R</sup> 2	<sup>R</sup> -727	-639	-4	-20	-54	-85
Arkansas .....	753	1,005	2,482	597	359	64	-210
California .....	4,650	30,961	-5,066	25,734	16,783	-12,273	-25,551
Colorado .....	3,502	<sup>R</sup> 4,187	-1,100	2,926	1,390	-288	-4,976
Illinois .....	58,368	63,435	-12,907	33,868	12,634	-27,773	-40,132
Indiana .....	6,896	5,997	-3,576	3,083	-648	-2,947	-4,141
Iowa .....	10,876	20,494	-2,764	20,371	6,758	-10,323	-13,446
Kansas .....	12,038	15,022	-6,218	10,129	6,723	-4,370	-9,624
Kentucky .....	12,619	<sup>R</sup> 13,324	-4,845	8,399	-324	-3,346	-3,590
Louisiana .....	<sup>R</sup> 39,086	<sup>R</sup> 51,776	-39,794	36,322	4,098	-8,896	-22,378
Maryland .....	4,244	2,213	2,090	1,597	1,016	-1,781	-1,536
Michigan .....	<sup>R</sup> 112,705	106,022	-80,996	63,147	19,650	-30,353	-64,754
Minnesota .....	477	513	-365	68	3	2	-150
Mississippi .....	6,286	10,324	-14,446	5,228	-888	-3,645	-2,139
Missouri .....	279	584	85	-6	-230	-207	-269
Montana .....	1,994	3,499	7,819	2,673	1,705	-1,033	-1,772
Nebraska .....	995	2,112	-2,471	2,003	-182	-930	-2,125
New Mexico .....	2	2,144	-1,379	529	548	-2,020	-4,075
New York .....	13,802	14,141	-1,824	8,913	2,674	-1,373	-5,006
Ohio .....	37,613	50,118	-28,576	28,025	3,858	-10,528	-21,945
Oklahoma .....	13,614	23,665	-18,838	17,759	3,825	-4,797	-9,237
Oregon .....	385	1,677	-720	638	437	-255	-688
Pennsylvania .....	92,485	66,247	823	44,846	19,352	-14,950	-23,836
Texas .....	<sup>R</sup> 19,831	<sup>R</sup> 33,544	-36,228	38,575	-11,223	-17,141	-30,517
Utah .....	3,388	7,889	-19,587	5,275	2,363	-3,871	-8,505
Washington .....	2,230	2,097	-1,572	1,576	391	-216	-1,131
West Virginia .....	41,332	43,805	-14,932	24,797	7,389	-5,989	-20,918
Wyoming .....	1,324	2,979	-2,584	2,007	659	-963	-1,434
<b>Total .....</b>	<sup>R</sup> 501,776	<sup>R</sup> 579,049	-288,127	389,075	99,102	-170,256	-324,170

See footnotes at end of table.

**Table 12. Net Withdrawals from Underground Storage, by State, 1994-1996**  
(Volumes in Million Cubic Feet) — Continued

State	1994					
	August	July	June	May	April	March
Alabama .....	-92	-102	-95	-106	-70	-21
Arkansas .....	-803	-563	-553	-531	310	1,303
California .....	-9,372	-17,672	-20,300	-28,160	-18,961	894
Colorado .....	-5,087	-4,180	-1,718	-5,507	4,857	2,393
Illinois .....	-37,123	-34,981	-31,224	-25,727	-502	14,791
Indiana .....	-4,529	-5,189	-2,451	65	733	2,184
Iowa .....	-12,403	-11,997	-7,623	-7,152	-2,548	3,361
Kansas .....	-12,337	-10,613	-5,194	-10,760	-523	835
Kentucky .....	-6,832	-9,628	-9,326	-9,666	-4,752	4,617
Louisiana .....	-20,856	-28,666	-20,626	-32,189	-20,332	13,173
Maryland .....	-1,468	-2,113	-1,459	-2,046	-1,256	-290
Michigan .....	-75,050	-72,574	-72,789	-71,525	-41,245	30,657
Minnesota .....	-207	-371	-374	-342	145	180
Mississippi .....	-5,288	-5,954	-1,618	-4,747	-4,393	-3,428
Missouri .....	-307	-316	-1,355	-1,454	2,155	278
Montana .....	-1,086	-1,352	-1,807	-938	781	2,019
Nebraska .....	-336	-2,125	-897	-2,138	-959	-143
New Mexico .....	-105	194	-493	-1,937	1,338	-279
New York .....	-8,906	-9,125	-12,251	-8,805	-8,999	8,773
Ohio .....	-26,755	-33,557	-31,935	-29,636	-15,965	17,022
Oklahoma .....	-13,744	-17,293	-14,012	-26,542	-18,906	3,144
Oregon .....	-1,081	-1,202	-1,506	-1,216	820	946
Pennsylvania .....	-43,337	-51,484	-57,942	-54,248	-36,655	27,563
Texas .....	-25,090	-27,928	-12,148	-41,962	-27,458	-8,307
Utah .....	-6,264	-5,499	-4,054	-6,074	-1,367	-2,976
Washington .....	-449	-1,805	-1,761	-2,599	-2,095	437
West Virginia .....	-22,343	-27,180	-27,657	-25,170	-21,190	16,043
Wyoming .....	-1,499	-1,113	-752	-1,568	-875	-496
<b>Total .....</b>	<b>-342,748</b>	<b>-384,389</b>	<b>-343,917</b>	<b>-402,680</b>	<b>-217,918</b>	<b>134,674</b>

<sup>R</sup> = 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 for 1994 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.

Source: Form EIA-191.

**Table 13. Activities of Underground Natural Gas Storage Operators, by State,  
March 1996**  
(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 .....	2,600	650	202	852	-30	-13.0	141	303
Arkansas .....	38,347	13,522	41	13,563	-1,842	-97.8	117	1,375
California .....	472,909	247,419	115,066	362,485	-2,584	-2.2	6,186	7,477
Colorado .....	108,838	47,413	14,881	62,293	-1,587	-9.6	1,024	6,129
Illinois .....	905,260	653,410	56,250	709,660	-41,474	-42.4	6,094	29,122
Indiana .....	113,121	74,779	17,482	92,261	-2,059	-10.5	966	4,506
Iowa .....	270,200	199,971	5,465	205,436	-1,982	-26.6	0	6,372
Kansas .....	283,603	179,858	29,089	208,947	-8,909	-23.4	5,314	16,057
Kentucky .....	215,351	106,048	43,008	149,055	-13,783	-24.3	2,135	10,092
Louisiana .....	549,437	267,016	51,666	318,682	-46,011	-47.1	5,743	30,273
Maryland .....	62,000	46,677	3,157	49,834	-3,459	-52.3	1,534	3,034
Michigan .....	1,049,814	419,590	128,685	548,275	-118,331	-47.9	4,667	56,794
Minnesota .....	7,000	4,623	847	5,470	-190	-18.3	0	222
Mississippi .....	124,115	77,682	16,783	94,466	-6,234	-27.1	6,880	12,533
Missouri .....	30,564	21,600	7,225	28,825	-655	-8.3	1,377	1,756
Montana .....	375,010	167,491	56,947	224,438	-10,982	-16.2	392	4,268
Nebraska .....	39,469	28,665	0	28,665	-4,138	-100.0	14	777
New Mexico .....	94,600	27,958	4,250	32,208	-3,774	-47.0	167	2,327
New York .....	173,463	100,340	12,519	112,859	-14,166	-53.1	686	9,478
Ohio .....	620,544	343,585	6,287	349,872	-28,585	-82.0	1,688	30,375
Oklahoma .....	364,593	221,436	20,098	241,533	-42,681	-68.0	1,965	18,708
Oregon .....	11,623	4,896	3,528	8,424	539	18.0	0	651
Pennsylvania .....	654,570	352,453	56,319	408,771	-55,658	-49.7	11,198	54,582
Texas .....	655,420	227,262	66,825	294,087	-116,017	-63.5	12,679	55,981
Utah .....	122,499	62,100	8,684	70,784	-9,051	-51.0	904	3,293
Washington .....	33,900	21,963	4,672	26,636	-3,595	-43.5	1,081	1,617
West Virginia .....	466,090	298,178	5,245	303,422	-37,955	-87.9	2,314	29,368
Wyoming .....	105,669	60,704	16,785	77,489	-2,568	-13.3	66	1,161
<b>Total .....</b>	<b>7,950,610</b>	<b>4,277,288</b>	<b>752,005</b>	<b>5,029,293</b>	<b>-577,761</b>	<b>-43.4</b>	<b>75,331</b>	<b>398,633</b>

Notes: Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. 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.

Source: Form EIA-191.

**Table 14. Natural Gas Deliveries to Residential Consumers, by State, 1994-1996**  
(Million Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		1995
				February	January	Total
Alabama .....	22,446	17,755	21,368	11,390	11,056	50,412
Alaska .....	4,473	3,971	3,578	2,419	2,054	15,220
Arizona .....	9,769	10,076	10,821	4,267	5,502	26,811
Arkansas .....	17,754	14,870	16,697	8,726	9,028	42,160
California .....	124,800	130,145	139,563	58,074	66,726	480,285
Colorado .....	NA	30,820	31,643	18,603	NA	104,288
Connecticut .....	15,306	12,667	15,754	7,147	8,159	40,598
Delaware .....	3,662	2,792	3,415	1,941	1,721	8,312
District of Columbia .....	6,456	5,385	6,335	3,117	3,339	15,704
Florida .....	5,421	4,744	4,814	2,582	2,840	14,759
Georgia .....	42,529	39,464	40,600	19,402	23,127	114,928
Hawaii .....	100	105	105	51	49	573
Idaho .....	4,878	NA	3,854	2,509	2,368	NA
Illinois .....	177,108	164,136	185,181	81,199	95,909	502,557
Indiana .....	NA	55,652	63,761	28,873	NA	160,526
Iowa .....	37,746	25,862	31,075	17,269	20,478	80,080
Kansas .....	31,585	25,393	28,656	14,181	17,404	75,677
Kentucky .....	22,498	23,493	26,047	10,166	12,332	66,910
Louisiana .....	22,364	18,237	21,169	10,335	12,030	52,057
Maine .....	302	269	306	143	159	920
Maryland .....	NA	25,585	29,528	NA	16,135	76,355
Massachusetts .....	37,960	33,201	43,871	18,545	19,415	105,467
Michigan .....	131,955	116,517	138,385	63,593	68,363	373,286
Minnesota .....	51,112	40,936	48,401	25,331	25,782	126,384
Mississippi .....	12,021	9,710	11,355	5,878	6,143	26,151
Missouri .....	78,845	NA	55,533	38,080	40,766	NA
Montana .....	6,789	5,456	5,638	3,517	3,272	19,373
Nebraska .....	15,922	14,921	17,018	8,179	7,743	43,939
Nevada .....	7,008	7,029	6,928	3,264	3,744	20,686
New Hampshire .....	2,340	2,037	2,480	1,147	1,193	6,508
New Jersey .....	76,152	66,421	84,336	35,838	40,315	200,738
New Mexico .....	12,399	9,104	9,586	4,893	7,506	28,484
New York .....	131,016	117,505	139,989	61,546	69,469	376,307
North Carolina .....	24,880	18,832	20,568	11,915	12,966	49,726
North Dakota .....	4,090	NA	4,061	2,159	1,931	NA
Ohio .....	116,702	118,440	132,403	54,072	62,630	354,800
Oklahoma .....	29,277	24,068	27,001	14,471	14,806	67,869
Oregon .....	10,563	8,777	9,081	5,584	4,979	27,952
Pennsylvania .....	95,737	85,036	103,061	45,352	50,385	259,593
Rhode Island .....	NA	NA	6,330	3,119	NA	NA
South Carolina .....	12,427	10,047	10,966	5,878	6,549	25,163
South Dakota .....	4,569	3,854	4,482	2,221	2,348	12,473
Tennessee .....	27,978	23,690	25,522	13,700	14,278	59,394
Texas .....	80,752	65,788	79,673	35,545	45,206	206,125
Utah .....	17,126	13,777	14,580	8,571	8,555	48,975
Vermont .....	885	724	934	418	467	2,299
Virginia .....	28,613	24,025	26,551	13,849	14,763	68,744
Washington .....	19,125	16,060	15,721	10,136	8,988	52,692
West Virginia .....	13,557	12,169	13,741	6,582	6,975	34,782
Wisconsin .....	47,874	42,844	48,232	22,518	25,356	135,991
Wyoming .....	NA	NA	3,639	NA	2,005	NA
<b>Total .....</b>	<b>1,783,174</b>	<b>1,564,877</b>	<b>1,794,334</b>	<b>845,035</b>	<b>938,140</b>	<b>4,881,006</b>

See footnotes at end of table.

**Table 14. Natural Gas Deliveries to Residential Consumers, by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1995					
	December	November	October	September	August	July
Alabama .....	7,804	4,031	1,561	1,295	1,315	1,418
Alaska .....	2,294	1,411	866	588	448	534
Arizona .....	3,144	1,549	1,023	876	856	966
Arkansas .....	7,214	3,612	1,329	1,069	953	1,022
California .....	56,745	37,841	23,274	22,029	20,962	25,623
Colorado .....	12,305	8,862	5,661	2,613	2,527	3,383
Connecticut .....	6,475	3,422	1,468	981	877	1,037
Delaware .....	1,208	556	226	172	173	194
District of Columbia .....	2,582	1,247	453	401	379	431
Florida .....	1,822	1,023	680	741	652	728
Georgia .....	21,112	14,921	6,117	3,343	3,023	3,024
Hawaii .....	45	43	44	45	43	47
Idaho .....	1,748	1,364	628	NA	254	338
Illinois .....	81,665	64,531	26,707	13,761	9,980	11,738
Indiana .....	26,789	18,246	6,862	3,600	2,817	3,073
Iowa .....	12,716	10,010	4,455	2,126	1,468	1,617
Kansas .....	13,348	6,768	3,417	1,801	1,710	1,832
Kentucky .....	12,425	9,337	3,169	1,354	1,134	1,223
Louisiana .....	7,375	4,340	2,049	1,796	1,672	1,738
Maine .....	151	104	48	31	24	24
Maryland .....	12,902	7,553	2,926	2,094	1,881	1,945
Massachusetts .....	15,880	9,083	3,945	2,655	2,350	2,633
Michigan .....	60,284	39,054	17,348	9,603	6,987	7,826
Minnesota .....	21,673	12,293	6,948	3,261	2,388	2,576
Mississippi .....	4,152	2,253	611	461	749	815
Missouri .....	NA	11,305	4,257	2,836	2,394	2,870
Montana .....	2,622	2,182	1,319	646	436	522
Nebraska .....	6,034	4,029	1,537	1,032	883	1,010
Nevada .....	2,357	1,349	817	677	655	801
New Hampshire .....	991	550	254	175	135	160
New Jersey .....	33,800	18,808	7,597	5,137	4,537	4,941
New Mexico .....	4,693	3,055	1,332	821	823	741
New York .....	56,852	32,851	13,469	9,405	7,739	10,133
North Carolina .....	8,641	4,476	1,412	945	804	983
North Dakota .....	1,688	3,934	NA	251	182	234
Ohio .....	58,290	40,737	17,247	7,363	6,269	7,064
Oklahoma .....	9,797	4,955	2,489	1,689	1,530	1,806
Oregon .....	3,953	2,512	1,108	688	654	809
Pennsylvania .....	42,826	26,892	11,031	5,679	5,012	5,570
Rhode Island .....	NA	1,293	651	459	434	434
South Carolina .....	4,422	2,262	646	474	397	472
South Dakota .....	1,809	1,318	691	304	204	268
Tennessee .....	8,482	7,221	1,806	1,084	1,079	1,209
Texas .....	31,704	18,711	8,960	7,190	6,513	7,365
Utah .....	7,214	4,684	3,857	1,970	1,422	1,386
Vermont .....	353	176	86	54	42	49
Virginia .....	12,694	7,063	2,313	1,468	1,531	1,489
Washington .....	7,618	5,679	2,337	1,413	1,252	1,362
West Virginia .....	5,726	3,542	1,408	725	550	565
Wisconsin .....	22,959	16,636	6,993	3,932	2,695	2,696
Wyoming .....	NA	NA	NA	NA	354	428
<b>Total .....</b>	<b>788,441</b>	<b>491,219</b>	<b>216,612</b>	<b>133,850</b>	<b>114,147</b>	<b>131,150</b>

See footnotes at end of table.

**Table 14. Natural Gas Deliveries to Residential Consumers, by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1995					
	June	May	April	March	February	January
Alabama .....	1,584	2,233	3,738	7,680	9,314	8,441
Alaska .....	680	943	1,573	1,912	1,923	2,048
Arizona .....	1,245	1,818	2,421	2,837	4,562	5,514
Arkansas .....	1,275	1,930	3,049	5,836	7,077	7,792
California .....	28,934	38,508	43,750	52,476	50,624	79,521
Colorado .....	6,120	9,175	9,914	12,907	14,509	16,311
Connecticut .....	1,383	2,384	4,124	5,780	6,526	6,141
Delaware .....	259	492	848	1,391	1,459	1,333
District of Columbia .....	472	813	1,300	2,241	2,880	2,505
Florida .....	760	855	1,132	1,622	2,483	2,261
Georgia .....	3,227	3,988	6,066	10,642	18,984	20,480
Hawaii .....	50	49	49	52	52	53
Idaho .....	539	915	1,273	1,503	1,760	2,375
Illinois .....	12,091	20,309	42,577	55,062	74,820	89,316
Indiana .....	3,689	7,340	13,007	19,452	27,196	28,456
Iowa .....	1,563	4,037	6,921	9,305	11,793	14,069
Kansas .....	2,081	3,909	5,723	9,695	11,162	14,232
Kentucky .....	1,143	2,432	3,700	7,501	10,988	12,504
Louisiana .....	2,194	2,406	3,688	6,564	8,758	9,479
Maine .....	28	48	81	112	139	130
Maryland .....	2,228	3,663	6,096	9,481	13,229	12,356
Massachusetts .....	3,594	6,173	10,943	15,009	17,341	15,861
Michigan .....	10,302	21,130	35,498	48,736	58,980	57,538
Minnesota .....	3,394	6,014	11,358	15,544	19,843	21,092
Mississippi .....	864	1,141	1,714	3,681	4,840	4,870
Missouri .....	3,660	6,829	9,401	16,040	22,448	23,366
Montana .....	702	1,261	1,792	2,435	2,392	3,064
Nebraska .....	1,548	2,893	4,177	5,876	6,978	7,943
Nevada .....	1,087	1,568	2,156	2,189	3,102	3,927
New Hampshire .....	225	376	688	917	1,024	1,013
New Jersey .....	5,623	9,610	17,813	26,451	34,811	31,610
New Mexico .....	1,342	1,697	2,234	2,641	3,883	5,221
New York .....	13,915	23,410	38,333	52,695	60,778	56,727
North Carolina .....	1,103	1,896	3,670	6,965	9,700	9,132
North Dakota .....	388	703	1,185	1,512	1,704	1,803
Ohio .....	8,536	16,686	30,710	43,458	58,624	59,816
Oklahoma .....	2,269	3,974	5,216	10,075	11,328	12,740
Oregon .....	1,084	2,049	2,784	3,534	3,658	5,119
Pennsylvania .....	6,661	12,818	23,594	34,475	44,356	40,681
Rhode Island .....	689	1,157	1,776	2,550	2,811	2,539
South Carolina .....	510	746	1,584	3,604	5,128	4,919
South Dakota .....	404	774	1,242	1,605	1,848	2,006
Tennessee .....	1,391	2,053	3,358	8,021	11,948	11,742
Texas .....	7,737	11,346	14,980	25,831	29,189	36,599
Utah .....	1,956	2,965	4,336	5,407	6,009	7,769
Vermont .....	79	136	266	333	372	352
Virginia .....	1,620	2,821	4,861	8,858	12,556	11,468
Washington .....	1,927	3,090	5,069	6,884	7,035	9,026
West Virginia .....	690	1,751	3,128	4,528	6,475	5,694
Wisconsin .....	3,485	5,798	12,172	15,779	20,684	22,160
Wyoming .....	709	1,048	1,249	1,513	1,558	2,121
<b>Total .....</b>	<b>159,038</b>	<b>262,159</b>	<b>418,317</b>	<b>601,196</b>	<b>751,639</b>	<b>813,239</b>

See footnotes at end of table.

**Table 14. Natural Gas Deliveries to Residential Consumers, by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1994					
	Total	December	November	October	September	August
Alabama .....	49,748	5,034	2,602	1,495	1,325	1,323
Alaska .....	14,895	2,195	1,497	1,042	567	416
Arizona .....	29,684	4,869	2,024	1,053	851	806
Arkansas .....	41,527	5,144	2,724	1,423	1,107	959
California .....	520,959	76,846	56,469	25,961	21,949	23,620
Colorado .....	99,504	14,571	8,388	4,013	2,440	2,378
Connecticut .....	41,600	4,559	2,506	1,677	1,037	921
Delaware .....	8,557	869	459	259	180	159
District of Columbia .....	15,865	1,746	928	547	403	389
Florida .....	13,855	1,248	829	711	712	665
Georgia .....	105,436	15,880	9,453	5,390	2,918	3,149
Hawaii .....	578	50	47	43	45	42
Idaho .....	12,285	2,240	1,456	584	273	212
Illinois .....	473,788	65,041	42,438	24,121	11,782	10,238
Indiana .....	157,467	20,054	12,189	7,277	3,725	3,077
Iowa .....	78,260	11,494	6,693	2,862	1,787	1,514
Kansas .....	74,156	10,864	6,443	3,828	1,615	1,647
Kentucky .....	62,533	9,175	5,209	2,820	1,300	1,211
Louisiana .....	52,981	5,947	2,985	2,154	1,882	1,717
Maine .....	894	117	78	51	30	22
Maryland .....	76,688	9,314	5,425	3,356	2,164	1,903
Massachusetts .....	119,642	13,611	8,010	5,164	3,105	2,786
Michigan .....	364,588	44,719	27,344	16,721	8,524	7,536
Minnesota .....	122,249	17,328	10,383	5,431	2,798	2,470
Mississippi .....	27,086	3,098	1,542	921	834	784
Missouri .....	122,566	14,727	7,339	3,415	2,743	2,303
Montana .....	18,714	2,986	2,115	1,184	535	396
Nebraska .....	44,397	6,076	3,169	1,523	1,037	935
Nevada .....	21,263	3,855	1,751	829	632	587
New Hampshire .....	6,572	762	419	275	170	126
New Jersey .....	216,873	26,412	14,676	9,903	5,873	5,278
New Mexico .....	30,868	5,084	4,024	2,174	872	805
New York .....	385,408	43,626	27,143	17,017	10,123	9,505
North Carolina .....	47,451	6,030	3,655	1,568	903	806
North Dakota .....	10,661	1,446	807	385	235	183
Ohio .....	343,331	43,460	26,029	16,773	7,106	6,618
Oklahoma .....	69,211	9,411	4,292	2,163	1,667	1,533
Oregon .....	28,848	5,120	3,247	1,147	637	611
Pennsylvania .....	268,405	32,009	18,904	12,677	6,181	5,463
Rhode Island .....	17,384	1,877	1,060	736	427	422
South Carolina .....	23,486	3,090	1,590	734	444	429
South Dakota .....	12,056	1,794	1,098	503	274	259
Tennessee .....	57,334	7,480	3,570	1,668	1,145	1,081
Texas .....	213,433	27,295	15,760	9,242	7,502	7,176
Utah .....	48,922	8,059	6,969	3,845	1,457	1,306
Vermont .....	2,438	277	134	93	54	45
Virginia .....	65,176	8,605	4,667	2,880	1,439	1,386
Washington .....	53,144	9,135	6,171	2,558	1,263	1,040
West Virginia .....	35,201	4,348	2,462	1,511	789	625
Wisconsin .....	128,175	17,505	11,079	6,185	3,179	2,832
Wyoming .....	11,564	1,690	1,210	662	333	257
<b>Total</b> .....	<b>4,847,702</b>	<b>638,175</b>	<b>391,460</b>	<b>220,553</b>	<b>130,370</b>	<b>121,952</b>

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.

**Table 15. Natural Gas Deliveries to Commercial Consumers, by State, 1994-1996**  
(Million Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		1995
				February	January	Total
Alabama .....	9,294	7,610	8,724	4,770	4,524	26,126
Alaska .....	6,688	5,127	4,523	3,592	3,096	24,964
Arizona .....	6,772	6,827	7,226	3,145	3,627	28,309
Arkansas .....	10,665	8,793	9,809	5,249	5,416	28,083
California .....	41,206	57,829	56,492	23,193	18,014	277,456
Colorado .....	NA	18,974	19,786	10,427	NA	67,829
Connecticut .....	11,465	10,360	11,728	5,472	5,993	36,703
Delaware .....	2,291	1,725	2,021	1,186	1,104	5,588
District of Columbia .....	4,108	4,867	4,168	1,952	2,156	17,047
Florida .....	8,928	8,673	8,575	4,280	4,648	40,587
Georgia .....	20,503	16,470	17,265	8,524	11,979	56,420
Hawaii .....	388	381	371	190	198	2,199
Idaho .....	3,523	3,075	2,969	1,786	1,737	11,032
Illinois .....	68,395	64,760	72,171	32,463	35,932	204,513
Indiana .....	NA	26,550	28,990	13,926	NA	82,592
Iowa .....	17,464	16,769	17,615	8,294	9,170	51,125
Kansas .....	21,707	15,727	14,953	10,064	11,643	66,365
Kentucky .....	12,049	12,675	14,200	5,406	6,643	38,376
Louisiana .....	7,727	6,426	7,513	3,747	3,980	23,783
Maine .....	799	723	822	386	413	2,426
Maryland .....	NA	14,550	14,484	NA	7,841	46,837
Massachusetts .....	25,580	21,772	26,476	12,630	12,951	82,591
Michigan .....	62,184	54,831	64,801	30,085	32,098	187,581
Minnesota .....	32,247	28,024	29,875	16,009	16,238	98,638
Mississippi .....	6,845	6,004	6,413	3,333	3,512	20,095
Missouri .....	24,617	22,162	28,229	11,795	12,821	65,655
Montana .....	4,463	3,649	3,782	2,277	2,186	13,387
Nebraska .....	NA	NA	10,927	NA	NA	NA
Nevada .....	4,689	4,694	4,621	2,267	2,422	18,675
New Hampshire .....	2,269	1,979	2,358	1,118	1,151	6,514
New Jersey .....	45,940	39,611	43,708	22,520	23,419	139,682
New Mexico .....	7,483	6,628	6,250	3,387	4,095	26,154
New York .....	NA	58,122	63,787	NA	NA	234,788
North Carolina .....	14,406	12,636	13,518	6,946	7,460	39,815
North Dakota .....	3,712	3,449	3,831	1,862	1,850	12,942
Ohio .....	53,752	57,631	62,894	25,198	28,553	173,528
Oklahoma .....	15,154	11,982	13,315	7,545	7,609	37,933
Oregon .....	7,378	6,228	6,560	3,903	3,475	23,370
Pennsylvania .....	50,022	41,655	47,042	23,687	26,335	143,769
Rhode Island .....	NA	NA	3,894	1,918	NA	NA
South Carolina .....	5,787	5,279	5,317	2,725	3,062	18,831
South Dakota .....	3,509	3,070	3,435	1,686	1,823	10,535
Tennessee .....	18,697	17,167	17,984	9,109	9,588	53,174
Texas .....	50,741	44,682	44,677	20,200	30,541	223,144
Utah .....	9,155	7,578	7,791	4,605	4,550	26,857
Vermont .....	911	NA	931	449	462	NA
Virginia .....	16,230	16,123	15,958	7,888	8,342	56,469
Washington .....	13,205	11,778	11,096	6,868	6,337	43,170
West Virginia .....	10,007	7,328	8,334	4,031	5,976	23,931
Wisconsin .....	29,932	25,257	27,409	13,920	16,012	83,209
Wyoming .....	NA	NA	2,768	NA	NA	NA
<b>Total .....</b>	<b>945,087</b>	<b>845,468</b>	<b>912,386</b>	<b>454,210</b>	<b>490,877</b>	<b>3,096,366</b>

See footnotes at end of table.

**Table 15. Natural Gas Deliveries to Commercial Consumers, by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1995					
	December	November	October	September	August	July
Alabama .....	3,479	2,218	1,351	1,159	1,127	1,162
Alaska .....	3,190	2,460	1,846	1,366	1,301	1,325
Arizona .....	2,821	2,072	1,717	1,656	1,822	1,844
Arkansas .....	4,449	2,307	1,203	1,078	1,042	1,031
California .....	26,246	22,948	20,834	19,597	18,115	20,313
Colorado .....	7,399	5,795	4,002	2,249	2,354	2,676
Connecticut .....	4,188	2,802	1,512	1,275	1,868	1,677
Delaware .....	833	378	204	201	165	178
District of Columbia .....	2,195	1,117	795	766	745	820
Florida .....	3,906	3,188	2,855	2,832	2,766	2,985
Georgia .....	7,942	5,632	3,381	2,459	2,790	2,544
Hawaii .....	177	178	179	179	178	186
Idaho .....	1,301	998	591	392	346	361
Illinois .....	30,628	22,366	11,981	7,134	6,779	6,192
Indiana .....	12,952	9,110	4,188	2,614	2,335	2,244
Iowa .....	7,653	5,575	2,941	1,658	1,122	1,278
Kansas .....	11,223	4,396	2,130	9,787	4,916	2,610
Kentucky .....	6,298	4,718	1,890	1,249	1,102	1,138
Louisiana .....	2,563	1,825	1,411	1,328	1,308	1,216
Maine .....	389	254	129	86	71	70
Maryland .....	7,545	4,862	1,917	2,062	1,720	1,610
Massachusetts .....	11,977	7,598	4,035	3,540	3,359	3,406
Michigan .....	28,860	19,101	9,405	6,159	5,653	5,580
Minnesota .....	14,331	9,917	5,471	6,485	6,886	2,221
Mississippi .....	2,607	1,787	814	697	1,252	953
Missouri .....	9,382	5,791	2,794	2,170	2,114	2,128
Montana .....	1,884	1,443	892	516	373	401
Nebraska .....	NA	NA	NA	NA	4,744	3,868
Nevada .....	1,864	1,439	1,146	1,005	975	1,079
New Hampshire .....	989	619	285	197	165	188
New Jersey .....	21,086	11,734	6,367	5,732	5,343	5,640
New Mexico .....	3,187	2,396	1,500	1,353	1,256	1,199
New York .....	30,575	24,554	13,366	10,791	10,994	11,474
North Carolina .....	5,611	3,476	1,857	1,699	1,575	1,587
North Dakota .....	1,712	2,566	546	332	323	340
Ohio .....	27,197	18,497	7,857	4,594	4,378	4,664
Oklahoma .....	4,975	2,746	1,740	1,754	1,458	1,466
Oregon .....	2,835	2,136	2,005	979	879	959
Pennsylvania .....	23,306	20,176	6,713	4,117	3,898	3,891
Rhode Island .....	NA	1,176	561	285	563	399
South Carolina .....	2,385	1,669	1,052	1,040	954	949
South Dakota .....	1,433	1,104	645	353	259	307
Tennessee .....	5,496	4,867	2,619	2,055	2,150	4,707
Texas .....	28,940	16,444	13,658	11,037	18,804	17,413
Utah .....	3,729	2,608	1,907	1,089	900	862
Vermont .....	409	242	NA	95	72	70
Virginia .....	8,139	5,676	2,658	2,095	2,439	2,372
Washington .....	5,290	4,064	2,320	2,244	1,665	1,761
West Virginia .....	3,402	1,427	1,527	1,131	1,040	985
Wisconsin .....	13,436	10,324	4,769	2,182	2,155	1,993
Wyoming .....	NA	NA	588	NA	370	447
<b>Total .....</b>	<b>430,297</b>	<b>302,746</b>	<b>172,605</b>	<b>142,705</b>	<b>140,965</b>	<b>136,771</b>

See footnotes at end of table.

**Table 15. Natural Gas Deliveries to Commercial Consumers, by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1995					
	June	May	April	March	February	January
Alabama .....	1,255	1,460	1,947	3,358	3,943	3,666
Alaska .....	1,489	1,603	2,362	2,896	2,727	2,400
Arizona .....	2,022	2,260	2,561	2,708	3,185	3,642
Arkansas .....	1,179	1,363	2,073	3,565	4,289	4,505
California .....	19,092	24,922	24,046	23,513	25,799	32,030
Colorado .....	4,122	5,864	6,513	7,881	9,280	9,694
Connecticut .....	1,914	2,627	3,517	4,963	5,239	5,121
Delaware .....	219	334	516	836	915	811
District of Columbia .....	885	1,159	1,609	2,090	2,585	2,282
Florida .....	2,945	3,071	3,445	3,921	4,379	4,294
Georgia .....	2,633	2,933	3,755	5,881	8,297	8,173
Hawaii .....	188	185	183	185	180	200
Idaho .....	488	708	952	1,818	1,320	1,755
Illinois .....	6,314	9,293	15,725	23,342	30,482	34,278
Indiana .....	2,453	4,055	6,547	9,544	13,096	13,453
Iowa .....	1,447	3,124	4,077	5,479	6,848	9,921
Kansas .....	2,173	3,379	4,260	5,763	7,377	8,350
Kentucky .....	1,063	1,682	2,097	4,464	6,211	6,464
Louisiana .....	1,542	1,577	1,840	2,748	3,211	3,215
Maine .....	77	128	211	288	373	350
Maryland .....	1,992	2,385	3,731	4,463	7,816	6,734
Massachusetts .....	3,935	5,308	7,699	9,961	11,352	10,421
Michigan .....	6,310	10,743	17,788	23,151	27,880	26,952
Minnesota .....	2,627	4,311	7,770	10,595	13,183	14,841
Mississippi .....	1,097	1,143	1,376	2,367	2,930	3,074
Missouri .....	2,383	3,580	4,982	8,169	10,879	11,283
Montana .....	484	866	1,236	1,641	1,580	2,070
Nebraska .....	1,753	2,374	2,985	4,061	4,799	5,286
Nevada .....	1,266	1,557	1,784	1,866	2,141	2,553
New Hampshire .....	227	369	632	864	999	979
New Jersey .....	5,642	8,369	12,453	17,705	20,433	19,178
New Mexico .....	1,600	2,401	2,183	2,452	2,522	4,106
New York .....	11,697	14,610	20,159	28,446	29,551	28,571
North Carolina .....	1,687	1,884	3,286	4,517	6,420	6,216
North Dakota .....	407	669	1,138	1,461	1,653	1,797
Ohio .....	4,946	8,072	14,014	21,680	29,565	28,066
Oklahoma .....	1,711	2,261	2,852	4,988	5,802	6,180
Oregon .....	1,160	1,578	2,063	2,551	2,685	3,542
Pennsylvania .....	4,392	7,150	11,834	16,637	21,129	20,526
Rhode Island .....	544	872	1,309	1,822	1,835	1,610
South Carolina .....	979	1,043	1,380	2,101	2,651	2,628
South Dakota .....	395	636	1,035	1,298	1,472	1,598
Tennessee .....	2,070	2,465	3,400	6,179	8,618	8,549
Texas .....	12,329	17,898	19,469	22,468	21,092	23,590
Utah .....	1,123	1,677	2,432	2,951	3,329	4,249
Vermont .....	89	140	277	352	406	388
Virginia .....	2,565	3,363	4,568	6,471	8,114	8,009
Washington .....	2,193	2,875	3,939	5,042	5,310	6,468
West Virginia .....	1,043	1,368	1,970	2,710	3,786	3,542
Wisconsin .....	2,181	4,254	7,021	9,636	12,408	12,849
Wyoming .....	595	873	992	1,225	1,264	1,670
<b>Total .....</b>	<b>134,918</b>	<b>188,819</b>	<b>255,997</b>	<b>345,074</b>	<b>413,340</b>	<b>432,129</b>

See footnotes at end of table.

**Table 15. Natural Gas Deliveries to Commercial Consumers, by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1994					
	Total	December	November	October	September	August
Alabama .....	25,526	2,424	1,651	1,323	1,278	1,141
Alaska .....	20,698	2,702	1,937	1,508	1,105	919
Arizona .....	29,187	3,494	2,284	1,721	1,624	1,693
Arkansas .....	27,410	3,136	1,898	1,275	1,253	888
California .....	261,989	25,441	25,088	17,882	14,634	14,152
Colorado .....	65,870	9,005	5,325	3,140	2,214	2,195
Connecticut .....	39,082	4,152	2,926	2,135	1,552	1,780
Delaware .....	5,459	554	345	221	172	156
District of Columbia .....	14,742	1,658	1,082	785	740	692
Florida .....	39,935	3,509	3,094	2,819	2,900	2,914
Georgia .....	54,051	6,256	4,361	3,315	2,483	2,709
Hawaii .....	2,200	185	189	177	184	178
Idaho .....	10,088	1,659	1,099	572	358	306
Illinois .....	197,576	24,889	18,162	11,433	6,545	6,227
Indiana .....	75,819	9,432	6,787	3,823	2,186	1,933
Iowa .....	47,922	6,492	4,562	2,340	1,492	1,288
Kansas .....	52,253	7,095	3,819	2,315	2,352	3,750
Kentucky .....	36,744	4,721	2,945	1,926	1,181	1,017
Louisiana .....	24,184	2,302	1,635	1,361	1,284	1,224
Maine .....	2,381	309	207	135	84	71
Maryland .....	44,136	5,453	3,584	2,532	2,017	1,589
Massachusetts .....	84,534	8,129	5,534	4,029	3,239	3,557
Michigan .....	183,068	21,605	14,512	8,797	5,719	5,364
Minnesota .....	83,933	11,855	7,846	4,584	2,616	2,296
Mississippi .....	19,232	1,973	1,281	1,050	1,000	974
Missouri .....	66,196	7,632	4,097	2,310	2,073	1,858
Montana .....	12,981	2,039	1,448	860	423	348
Nebraska .....	38,946	4,174	2,606	2,240	1,834	3,614
Nevada .....	18,694	2,594	1,544	1,148	980	911
New Hampshire .....	6,412	743	442	305	206	166
New Jersey .....	132,008	14,841	8,987	7,384	5,373	4,840
New Mexico .....	24,964	3,242	2,761	1,917	1,205	1,516
New York .....	223,256	24,179	16,787	12,402	10,005	10,487
North Carolina .....	38,940	4,585	2,818	2,116	1,832	1,647
North Dakota .....	10,783	1,190	1,242	530	316	288
Ohio .....	166,798	20,894	12,598	7,333	4,494	4,288
Oklahoma .....	36,504	4,496	2,216	1,480	1,389	1,261
Oregon .....	22,960	3,558	2,402	1,214	925	801
Pennsylvania .....	138,473	15,765	10,989	8,176	4,732	4,349
Rhode Island .....	12,049	1,336	1,010	570	384	599
South Carolina .....	17,870	1,841	1,361	1,089	947	949
South Dakota .....	10,274	1,467	946	531	330	322
Tennessee .....	50,760	5,788	3,532	2,583	2,009	2,011
Texas .....	180,232	16,621	12,935	10,565	9,389	13,695
Utah .....	26,501	4,291	3,549	1,887	883	788
Vermont .....	2,669	334	187	144	88	69
Virginia .....	52,944	6,371	4,528	3,300	2,196	2,196
Washington .....	42,982	6,442	4,494	2,602	1,718	1,596
West Virginia .....	24,979	2,799	1,927	1,428	1,009	973
Wisconsin .....	78,609	11,513	7,184	3,743	2,249	1,987
Wyoming .....	9,231	1,272	917	551	309	271
<b>Total .....</b>	<b>2,896,764</b>	<b>338,439</b>	<b>235,658</b>	<b>159,610</b>	<b>117,509</b>	<b>120,844</b>

NA = Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Deliveries for total year 1994 may not equal the sum of the twelve months. 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.

**Table 16. Natural Gas Deliveries to Industrial Consumers, by State, 1994-1996**  
(Million Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		1995
				February	January	Total
Alabama .....	34,221	33,236	29,860	17,110	17,111	201,381
Alaska .....	10,922	11,511	9,878	6,115	4,807	65,784
Arizona .....	4,055	4,210	3,559	1,903	2,152	25,333
Arkansas .....	25,230	24,381	23,551	12,109	13,121	138,799
California .....	102,382	105,999	106,617	51,577	50,804	687,287
Colorado .....	NA	17,438	15,373	9,416	NA	90,100
Connecticut .....	4,936	5,902	5,436	2,777	2,159	34,780
Delaware .....	2,252	2,353	2,327	1,082	1,170	16,411
District of Columbia .....	0	0	0	0	0	0
Florida .....	20,521	22,853	20,114	10,950	9,571	132,348
Georgia .....	25,143	28,954	25,433	12,632	12,511	194,390
Hawaii .....	0	0	0	0	0	0
Idaho <sup>a</sup> .....	NA	6,277	5,143	3,062	NA	33,491
Illinois .....	17,896	66,258	69,212	33,464	39,431	322,296
Indiana .....	50,412	59,561	54,212	25,586	24,826	280,564
Iowa .....	20,865	18,939	18,128	9,739	11,126	116,623
Kansas .....	21,317	22,670	32,613	10,589	10,728	130,162
Kentucky .....	17,532	18,643	16,270	7,906	9,625	92,016
Louisiana .....	160,399	175,343	172,847	86,417	73,982	1,032,430
Maine .....	335	273	292	164	171	1,993
Maryland .....	NA	6,914	5,062	NA	3,656	48,924
Massachusetts .....	15,868	19,954	16,858	6,960	8,908	108,549
Michigan .....	69,951	63,483	70,003	35,465	34,486	331,542
Minnesota .....	17,555	20,026	17,138	8,347	9,208	94,128
Mississippi .....	13,492	15,104	17,278	7,076	6,417	79,772
Missouri .....	15,185	14,091	15,847	7,224	7,961	64,978
Montana .....	3,428	2,802	2,456	1,563	1,865	17,848
Nebraska .....	5,540	6,863	5,929	2,688	2,852	39,932
Nevada .....	5,244	4,954	4,425	2,545	2,699	29,851
New Hampshire .....	687	595	648	330	357	4,578
New Jersey .....	34,656	37,690	35,298	16,487	18,169	206,671
New Mexico .....	3,835	4,173	2,935	1,911	1,924	18,708
New York .....	45,909	61,258	40,185	23,933	21,976	324,380
North Carolina .....	14,235	17,653	13,803	6,916	7,319	107,013
North Dakota .....	1,159	NA	1,192	578	581	NA
Ohio .....	63,625	68,629	64,555	29,579	34,047	339,374
Oklahoma .....	35,922	36,646	39,129	16,829	19,093	197,792
Oregon .....	13,595	11,664	10,254	6,164	7,431	70,810
Pennsylvania .....	58,538	47,632	43,331	22,032	36,506	244,794
Rhode Island .....	NA	NA	7,020	1,647	NA	NA
South Carolina .....	12,204	13,977	12,959	6,225	5,979	99,206
South Dakota .....	1,452	1,237	1,054	698	754	7,063
Tennessee .....	22,559	22,890	22,454	10,371	12,188	124,890
Texas .....	NA	273,932	332,431	NA	187,313	1,812,437
Utah .....	7,649	9,426	7,366	3,721	3,928	42,434
Vermont .....	267	391	296	148	119	2,226
Virginia .....	17,666	13,831	14,746	9,400	8,266	96,277
Washington .....	19,843	NA	16,996	9,791	10,052	NA
West Virginia .....	9,389	9,090	8,753	4,128	5,261	51,558
Wisconsin .....	32,088	31,986	29,690	14,918	17,170	152,927
Wyoming .....	NA	NA	10,679	NA	NA	NA
<b>Total</b> .....	<b>1,522,561</b>	<b>1,476,808</b>	<b>1,481,637</b>	<b>743,709</b>	<b>778,852</b>	<b>8,520,260</b>

See footnotes at end of table.

**Table 16. Natural Gas Deliveries to Industrial Consumers, by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1995					
	December	November	October	September	August	July
Alabama .....	17,354	16,933	16,840	16,275	17,597	16,997
Alaska .....	5,401	4,835	4,526	4,422	5,876	5,514
Arizona .....	2,094	2,042	2,036	1,942	1,939	1,824
Arkansas .....	12,004	12,087	11,997	10,701	11,564	11,027
California .....	56,206	55,397	59,245	59,615	59,558	60,533
Colorado .....	8,158	6,619	5,560	6,983	6,386	6,597
Connecticut .....	3,496	3,165	2,531	2,557	2,509	3,390
Delaware .....	1,092	1,376	1,427	1,373	1,405	1,258
District of Columbia .....	0	0	0	0	0	0
Florida .....	10,661	11,280	10,735	9,920	10,468	10,953
Georgia .....	15,731	16,669	16,498	14,556	18,606	17,391
Hawaii .....	0	0	0	0	0	0
Idaho <sup>a</sup> .....	3,142	2,955	3,122	2,478	2,299	2,357
Illinois .....	35,637	32,290	25,159	22,054	21,698	19,881
Indiana .....	27,462	25,210	21,434	19,340	19,495	18,385
Iowa .....	10,893	10,731	10,646	9,082	9,283	8,851
Kansas .....	10,351	10,981	8,727	8,258	15,545	11,303
Kentucky .....	8,799	8,142	7,610	6,508	6,432	6,030
Louisiana .....	80,990	84,127	86,597	84,788	86,126	87,291
Maine .....	169	242	199	155	161	136
Maryland .....	2,847	4,020	4,676	3,367	4,436	4,232
Massachusetts .....	9,857	9,073	7,507	7,782	8,566	8,660
Michigan .....	32,641	28,138	24,996	22,514	23,462	22,444
Minnesota .....	9,481	8,288	8,579	4,073	3,463	8,025
Mississippi .....	6,993	7,052	5,157	4,559	6,537	6,526
Missouri .....	6,068	5,892	5,198	4,617	4,473	4,057
Montana .....	1,841	1,766	1,652	1,296	1,303	1,278
Nebraska .....	2,894	3,744	2,810	3,150	3,524	4,055
Nevada .....	2,631	2,545	2,313	2,571	2,617	2,542
New Hampshire .....	346	448	414	348	351	361
New Jersey .....	18,748	17,500	16,163	16,555	16,614	16,571
New Mexico .....	1,766	1,736	841	1,527	1,811	1,416
New York .....	31,657	26,949	24,333	24,085	24,433	24,853
North Carolina .....	8,159	9,267	9,396	9,028	9,332	8,327
North Dakota .....	629	2,359	NA	413	431	473
Ohio .....	35,841	31,069	27,014	24,177	23,638	22,331
Oklahoma .....	15,470	16,820	16,921	15,416	17,769	14,739
Oregon .....	6,418	8,705	5,218	5,246	5,918	5,371
Pennsylvania .....	21,548	23,278	18,539	17,644	17,806	17,512
Rhode Island .....	NA	3,744	2,044	3,578	3,704	2,129
South Carolina .....	6,963	8,287	8,338	8,138	8,498	7,836
South Dakota .....	714	743	561	482	540	508
Tennessee .....	10,285	10,385	10,350	11,245	11,038	6,492
Texas .....	162,401	155,020	159,097	149,679	138,496	160,689
Utah .....	3,774	3,386	3,404	3,124	3,003	2,898
Vermont .....	262	228	187	118	154	156
Virginia .....	9,802	7,038	7,332	8,591	11,955	8,880
Washington .....	9,415	9,635	NA	NA	9,474	7,695
West Virginia .....	4,522	4,835	4,530	3,986	4,059	3,688
Wisconsin .....	16,728	14,955	11,814	10,128	10,859	9,387
Wyoming .....	NA	NA	4,968	NA	3,828	3,783
<b>Total</b> .....	<b>759,703</b>	<b>737,489</b>	<b>699,998</b>	<b>661,902</b>	<b>679,040</b>	<b>677,628</b>

See footnotes at end of table.

**Table 16. Natural Gas Deliveries to Industrial Consumers, by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1995					
	June	May	April	March	February	January
Alabama .....	16,513	16,331	15,926	17,381	16,227	17,009
Alaska .....	6,206	5,344	5,705	6,443	4,957	6,555
Arizona .....	2,038	2,251	2,320	2,636	2,120	2,090
Arkansas .....	10,744	11,321	10,834	12,138	11,544	12,837
California .....	57,885	59,522	60,716	52,610	48,562	57,438
Colorado .....	8,096	7,884	8,284	8,094	8,381	9,057
Connecticut .....	2,419	2,493	2,938	3,381	2,961	2,941
Delaware .....	1,476	1,778	1,538	1,335	1,115	1,238
District of Columbia .....	0	0	0	0	0	0
Florida .....	10,364	11,558	11,557	12,000	10,943	11,910
Georgia .....	15,765	16,348	17,886	15,985	13,077	15,877
Hawaii .....	0	0	0	0	0	0
Idaho <sup>a</sup> .....	2,833	2,807	2,844	2,378	2,938	3,339
Illinois .....	21,300	23,769	25,564	28,686	32,738	33,520
Indiana .....	19,058	21,150	23,243	26,226	26,032	33,528
Iowa .....	9,089	8,707	9,954	10,448	9,931	9,008
Kansas .....	8,741	11,851	10,620	11,115	8,467	14,204
Kentucky .....	6,567	7,092	7,576	8,616	9,262	9,381
Louisiana .....	84,407	88,572	89,454	84,735	82,889	92,454
Maine .....	155	171	182	150	137	136
Maryland .....	4,067	4,599	4,360	5,406	3,534	3,380
Massachusetts .....	9,537	7,810	9,380	10,422	10,083	9,870
Michigan .....	24,600	26,509	30,789	31,967	31,332	32,151
Minnesota .....	7,321	7,635	8,454	8,784	9,090	10,936
Mississippi .....	6,625	7,111	6,514	7,595	7,160	7,944
Missouri .....	4,291	4,794	5,195	6,302	6,699	7,392
Montana .....	1,269	1,466	1,538	1,637	1,259	1,543
Nebraska .....	2,960	3,214	3,283	3,434	3,231	3,632
Nevada .....	2,486	2,690	2,238	2,264	2,256	2,698
New Hampshire .....	364	408	503	441	281	314
New Jersey .....	13,838	16,325	18,433	18,234	18,601	19,089
New Mexico .....	1,226	1,242	1,429	1,541	1,399	2,775
New York .....	23,975	24,069	27,675	31,093	30,980	30,278
North Carolina .....	9,072	8,708	8,507	9,563	8,345	9,308
North Dakota .....	478	530	561	648	625	629
Ohio .....	22,476	24,864	27,891	31,444	34,194	34,435
Oklahoma .....	16,472	15,615	14,824	17,101	15,503	21,142
Oregon .....	5,236	5,617	5,543	5,875	5,550	6,113
Pennsylvania .....	17,859	18,620	21,100	23,255	23,168	24,464
Rhode Island .....	1,753	3,036	3,054	2,753	2,613	2,968
South Carolina .....	9,437	8,954	8,702	10,075	6,975	7,001
South Dakota .....	563	577	591	546	639	598
Tennessee .....	10,179	8,103	12,729	11,194	11,113	11,777
Texas .....	145,210	166,400	152,773	148,741	132,192	141,740
Utah .....	3,003	3,456	3,507	3,453	3,966	5,460
Vermont .....	162	177	199	192	181	210
Virginia .....	7,735	7,829	7,018	6,267	6,210	7,621
Washington .....	7,611	7,833	9,432	9,775	9,280	10,646
West Virginia .....	3,853	4,220	4,126	4,649	4,370	4,720
Wisconsin .....	9,071	10,565	12,995	14,438	15,506	16,481
Wyoming .....	3,902	3,863	4,115	3,569	3,910	4,446
<b>Total</b> .....	<b>660,286</b>	<b>705,787</b>	<b>724,602</b>	<b>737,016</b>	<b>702,525</b>	<b>774,283</b>

See footnotes at end of table.

**Table 16. Natural Gas Deliveries to Industrial Consumers, by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1994					
	Total	December	November	October	September	August
Alabama .....	181,718	16,864	15,554	15,629	15,162	15,154
Alaska .....	61,404	5,931	5,677	6,000	5,144	5,650
Arizona .....	25,869	2,169	2,274	2,250	2,096	2,469
Arkansas .....	133,921	12,012	11,385	11,381	10,815	10,570
California .....	656,751	51,275	56,926	53,621	56,289	57,289
Colorado .....	71,093	7,290	5,870	5,528	4,672	5,187
Connecticut .....	30,647	2,784	2,787	2,641	2,450	2,366
Delaware .....	17,216	1,653	1,744	1,853	1,554	1,441
District of Columbia .....	0	0	0	0	0	0
Florida .....	126,873	12,415	11,243	11,053	10,720	10,962
Georgia .....	173,901	15,810	15,334	16,096	14,802	14,894
Hawaii .....	0	0	0	0	0	0
Idaho <sup>a</sup> .....	29,781	3,059	2,869	2,624	2,189	2,276
Illinois .....	305,092	34,649	24,843	22,827	19,956	19,756
Indiana .....	270,128	25,585	24,248	22,836	20,347	18,013
Iowa .....	108,731	9,605	9,690	10,455	8,976	8,530
Kansas .....	187,979	16,375	20,802	16,577	12,520	15,579
Kentucky .....	83,081	8,000	7,584	7,204	6,150	6,057
Louisiana .....	999,034	87,359	83,573	87,887	85,056	87,147
Maine .....	1,771	155	187	169	148	149
Maryland .....	47,691	4,481	4,150	4,414	3,930	4,313
Massachusetts .....	92,798	7,797	8,231	7,596	7,176	6,951
Michigan .....	327,848	31,853	28,935	26,166	23,183	21,819
Minnesota .....	94,468	9,744	7,810	8,739	6,829	7,581
Mississippi .....	96,863	8,852	7,947	7,973	7,464	7,484
Missouri .....	71,602	8,590	7,561	6,126	5,395	4,199
Montana .....	13,940	1,548	1,339	1,355	1,062	1,042
Nebraska .....	36,960	3,862	3,447	2,712	2,895	2,765
Nevada .....	28,867	2,517	2,413	2,500	2,385	2,613
New Hampshire .....	4,471	328	448	435	383	407
New Jersey .....	190,845	18,139	14,970	14,770	14,292	13,868
New Mexico .....	18,741	1,587	1,810	1,861	1,616	1,604
New York .....	214,438	22,448	19,427	17,838	15,579	15,657
North Carolina .....	94,838	8,540	8,743	8,835	7,868	8,096
North Dakota .....	5,846	557	508	478	469	371
Ohio .....	311,123	30,825	27,690	25,328	22,571	22,193
Oklahoma .....	195,909	17,033	15,980	16,310	14,543	15,918
Oregon .....	62,569	5,641	5,858	5,573	4,942	5,002
Pennsylvania .....	236,417	22,718	20,900	20,137	18,078	18,621
Rhode Island .....	40,921	3,605	3,483	4,280	4,117	4,080
South Carolina .....	97,500	8,512	8,823	9,020	8,575	8,577
South Dakota .....	5,508	614	641	493	387	370
Tennessee .....	118,889	11,436	10,507	9,129	7,055	9,837
Texas .....	1,829,478	145,151	142,888	139,628	177,014	137,234
Utah .....	36,618	4,545	3,357	3,224	2,656	2,553
Vermont .....	2,023	201	171	175	192	150
Virginia .....	85,764	6,678	6,334	6,871	7,399	7,300
Washington .....	107,603	10,799	9,826	9,427	8,755	9,197
West Virginia .....	46,774	4,369	3,931	3,656	3,458	3,606
Wisconsin .....	135,106	11,026	12,289	10,811	9,453	9,329
Wyoming .....	60,566	5,754	5,215	7,304	4,752	3,331
<b>Total</b> .....	<b>8,177,975</b>	<b>732,737</b>	<b>698,224</b>	<b>679,794</b>	<b>673,517</b>	<b>639,556</b>

<sup>a</sup> Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components. Deliveries for total year 1994 do not equal the sum of the twelve months.

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.

**Table 17. Natural Gas Deliveries to Electric Utility<sup>a</sup> Consumers,  
by State, 1994-1996**  
(Million Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		1995
				February	January	Total
Alabama .....	217	528	430	125	92	7,377
Alaska .....	5,412	5,073	4,876	2,573	<sup>R</sup> 2,839	29,809
Arizona .....	1,576	1,908	1,984	550	<sup>R</sup> 1,025	18,846
Arkansas .....	691	542	589	433	258	32,750
California .....	38,866	64,083	83,543	15,742	<sup>R</sup> 23,123	394,698
Colorado .....	498	540	683	305	193	3,798
Connecticut .....	53	2,870	51	27	26	19,310
Delaware .....	3,596	3,543	1,641	939	<sup>R</sup> 2,657	27,010
District of Columbia .....	0	0	0	0	0	0
Florida .....	30,089	26,237	19,283	13,992	<sup>R</sup> 16,097	318,854
Georgia .....	29	161	70	15	13	7,834
Hawaii .....	0	0	0	0	0	0
Idaho .....	0	0	0	0	0	0
Illinois .....	1,717	4,087	3,569	421	<sup>R</sup> 1,296	39,143
Indiana .....	710	1,099	1,362	337	373	8,349
Iowa .....	338	192	219	162	176	3,614
Kansas .....	2,269	2,448	1,922	701	<sup>R</sup> 1,568	27,945
Kentucky .....	242	157	66	56	186	866
Louisiana .....	29,009	36,543	23,030	14,146	<sup>R</sup> 14,863	322,923
Maine .....	0	0	0	0	0	0
Maryland .....	178	1,852	402	69	109	18,833
Massachusetts .....	2,387	1,777	182	1,435	952	64,623
Michigan .....	5,195	3,371	2,929	2,214	<sup>R</sup> 2,981	35,784
Minnesota .....	428	1,050	275	200	229	8,292
Mississippi .....	6,705	15,267	3,873	2,838	<sup>R</sup> 3,868	111,229
Missouri .....	280	557	181	134	146	12,830
Montana .....	66	16	102	23	43	388
Nebraska .....	203	152	144	80	123	3,059
Nevada .....	5,601	4,908	2,130	2,488	<sup>R</sup> 3,113	40,134
New Hampshire .....	1	17	0	0	0	2,248
New Jersey .....	3,462	4,507	2,416	1,291	<sup>R</sup> 2,171	45,897
New Mexico .....	2,744	5,115	4,144	861	<sup>R</sup> 1,883	31,924
New York .....	6,907	26,893	5,327	3,392	<sup>R</sup> 3,514	246,265
North Carolina .....	44	13	206	9	35	3,146
North Dakota .....	0	0	0	0	0	1
Ohio .....	277	312	652	90	187	7,459
Oklahoma .....	15,519	15,931	17,162	6,910	<sup>R</sup> 8,610	154,114
Oregon .....	0	4,384	5,316	0	0	19,136
Pennsylvania .....	464	2,892	912	120	344	24,697
Rhode Island .....	3,197	0	252	1,523	<sup>R</sup> 1,674	5,002
South Carolina .....	10	10	26	5	4	6,615
South Dakota .....	11	22	9	10	1	931
Tennessee .....	0	0	660	0	0	2,055
Texas .....	132,566	120,017	123,948	61,382	<sup>R</sup> 71,184	1,047,274
Utah .....	289	1,715	1,063	151	138	8,707
Vermont .....	1	37	1	0	1	138
Virginia .....	1,504	4,259	2,676	505	<sup>R</sup> 998	16,414
Washington .....	91	1,093	120	26	65	6,356
West Virginia .....	49	57	36	16	33	410
Wisconsin .....	707	688	668	271	436	9,289
Wyoming .....	12	20	12	5	7	128
<b>Total .....</b>	<b>304,196</b>	<b>366,922</b>	<b>319,140</b>	<b>136,567</b>	<b><sup>R</sup>167,628</b>	<b><sup>R</sup>3,196,379</b>

See footnotes at end of table.

**Table 17. Natural Gas Deliveries to Electric Utility<sup>a</sup> Consumers,  
by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1995					
	December	November	October	September	August	July
Alabama .....	107	226	260	418	2,562	1,830
Alaska .....	2,528	2,436	2,350	2,536	2,706	2,333
Arizona .....	510	502	375	2,738	5,286	3,821
Arkansas .....	813	622	2,059	4,391	7,508	5,596
California .....	23,944	30,266	34,916	50,120	58,660	39,441
Colorado .....	259	230	341	377	358	326
Connecticut .....	44	928	1,000	1,077	2,352	2,810
Delaware .....	1,964	2,478	2,356	2,341	3,165	3,692
District of Columbia .....	0	0	0	0	0	0
Florida .....	17,056	25,857	30,486	33,168	32,954	32,565
Georgia .....	17	63	184	235	3,049	2,478
Hawaii .....	0	0	0	0	0	0
Idaho .....	0	0	0	0	0	0
Illinois .....	2,782	3,216	1,456	1,228	8,989	5,877
Indiana .....	671	623	246	166	2,386	1,581
Iowa .....	145	129	215	278	1,196	609
Kansas .....	1,090	1,050	629	2,281	8,016	6,111
Kentucky .....	170	124	30	23	87	66
Louisiana .....	16,716	21,614	26,302	31,977	41,725	40,415
Maine .....	0	0	0	0	0	0
Maryland .....	140	435	632	2,163	5,936	4,585
Massachusetts .....	1,732	3,431	5,658	7,340	9,537	9,270
Michigan .....	3,540	3,217	2,521	2,961	5,909	3,120
Minnesota .....	255	456	562	719	1,700	1,070
Mississippi .....	6,426	5,181	6,374	10,892	16,129	14,618
Missouri .....	234	500	416	808	3,949	2,974
Montana .....	27	32	16	26	141	60
Nebraska .....	265	269	246	198	782	483
Nevada .....	2,686	2,463	3,138	4,522	5,977	5,316
New Hampshire .....	0	9	2	122	547	627
New Jersey .....	2,199	2,576	2,133	3,362	10,598	10,649
New Mexico .....	1,842	2,025	1,917	2,286	3,692	3,727
New York .....	8,774	16,690	19,517	22,888	35,249	34,476
North Carolina .....	66	114	194	123	1,509	532
North Dakota .....	0	0	0	0	0	0
Ohio .....	315	402	179	555	2,794	1,745
Oklahoma .....	9,251	7,826	8,438	13,154	25,658	22,707
Oregon .....	455	1,700	2,940	2,940	2,932	1,132
Pennsylvania .....	267	380	1,527	2,953	5,002	4,538
Rhode Island .....	2,061	1,571	426	545	284	108
South Carolina .....	12	10	1,064	1,441	1,897	825
South Dakota .....	26	35	32	26	449	230
Tennessee .....	0	0	0	49	1,251	682
Texas .....	61,416	55,785	75,055	97,312	137,556	129,947
Utah .....	188	452	865	1,245	1,270	146
Vermont .....	48	13	3	2	2	5
Virginia .....	761	1,209	1,191	1,223	2,171	1,408
Washington .....	12	268	1,134	2,554	1,062	88
West Virginia .....	23	40	45	18	29	23
Wisconsin .....	610	465	243	304	3,004	2,084
Wyoming .....	8	11	8	10	8	32
<b>Total</b> .....	<sup>R</sup> 172,449	<sup>R</sup> 197,916	<sup>R</sup> 239,672	<sup>R</sup> 316,086	<sup>R</sup> 468,014	<sup>R</sup> 406,726

See footnotes at end of table.

**Table 17. Natural Gas Deliveries to Electric Utility<sup>a</sup> Consumers,  
by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1995					
	June	May	April	March	February	January
Alabama .....	623	293	209	321	244	284
Alaska .....	2,319	2,615	2,335	2,580	2,170	2,903
Arizona .....	1,027	707	1,002	969	783	1,126
Arkansas .....	4,070	3,167	2,243	1,738	239	303
California .....	18,651	18,187	25,880	30,550	26,826	37,257
Colorado .....	447	220	282	419	209	330
Connecticut .....	2,202	2,414	1,645	1,969	1,353	1,516
Delaware .....	1,730	1,236	2,145	2,358	1,782	1,761
District of Columbia .....	0	0	0	0	0	0
Florida .....	33,287	31,358	29,875	26,012	12,634	13,603
Georgia .....	706	629	231	82	82	79
Hawaii .....	0	0	0	0	0	0
Idaho .....	0	0	0	0	0	0
Illinois .....	4,308	1,406	1,759	4,034	2,472	1,615
Indiana .....	616	432	167	362	547	552
Iowa .....	355	123	246	126	78	114
Kansas .....	2,590	1,212	1,307	1,209	1,214	1,234
Kentucky .....	33	95	26	54	79	78
Louisiana .....	35,649	28,330	22,135	21,518	16,135	20,408
Maine .....	0	0	0	0	0	0
Maryland .....	1,568	538	535	448	1,191	661
Massachusetts .....	8,232	7,090	6,731	3,824	871	906
Michigan .....	3,035	2,465	2,752	2,895	1,736	1,635
Minnesota .....	931	729	464	356	577	473
Mississippi .....	12,311	10,347	6,102	7,581	7,331	7,935
Missouri .....	1,150	689	749	803	390	167
Montana .....	47	14	3	9	4	11
Nebraska .....	211	113	134	205	68	85
Nevada .....	3,222	3,051	1,928	2,922	3,000	1,907
New Hampshire .....	528	395	0	0	0	17
New Jersey .....	3,563	2,112	1,194	3,007	2,224	2,282
New Mexico .....	2,839	2,986	3,044	2,450	2,660	2,455
New York .....	25,784	20,520	16,880	18,594	12,171	14,721
North Carolina .....	158	195	168	74	13	0
North Dakota .....	0	0	0	0	0	0
Ohio .....	504	178	251	225	246	66
Oklahoma .....	15,774	12,758	12,326	10,292	6,975	8,956
Oregon .....	0	230	842	1,582	1,536	2,847
Pennsylvania .....	3,276	1,161	1,122	1,579	1,535	1,356
Rhode Island .....	7	0	0	0	0	0
South Carolina .....	471	185	7	695	3	7
South Dakota .....	98	7	6	1	19	3
Tennessee .....	73	0	0	0	0	0
Texas .....	103,034	97,077	79,847	90,229	55,302	64,715
Utah .....	175	848	900	904	771	944
Vermont .....	4	3	2	19	13	24
Virginia .....	213	1,248	1,093	1,639	2,128	2,131
Washington .....	21	8	8	108	228	865
West Virginia .....	36	39	80	20	23	34
Wisconsin .....	1,123	204	228	336	404	285
Wyoming .....	4	7	7	14	6	15
<b>Total</b> .....	<sup>R</sup> 297,003	<sup>R</sup> 257,614	<sup>R</sup> 228,881	<sup>R</sup> 245,097	<sup>R</sup> 168,268	<sup>R</sup> 198,654

See footnotes at end of table.

**Table 17. Natural Gas Deliveries to Electric Utility<sup>a</sup> Consumers,  
by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1994					
	Total	December	November	October	September	August
Alabama .....	3,834	326	266	484	321	402
Alaska .....	29,048	2,930	2,849	2,730	2,442	2,331
Arizona .....	23,716	933	1,176	1,321	2,414	5,662
Arkansas .....	24,977	311	672	2,197	3,527	5,390
California .....	601,290	49,192	49,380	55,942	61,634	75,054
Colorado .....	4,881	357	631	146	305	601
Connecticut .....	8,002	940	1,278	1,614	1,407	1,784
Delaware .....	17,399	1,696	1,721	2,126	1,689	2,266
District of Columbia .....	0	0	0	0	0	0
Florida .....	180,697	14,569	16,187	14,811	18,292	19,192
Georgia .....	1,028	87	54	9	90	86
Hawaii .....	0	0	0	0	0	0
Idaho .....	0	0	0	0	0	0
Illinois .....	34,505	3,014	1,733	4,570	2,311	2,771
Indiana .....	9,009	606	395	550	1,008	1,052
Iowa .....	2,696	208	152	127	351	286
Kansas .....	27,279	1,137	1,188	2,390	2,550	4,714
Kentucky .....	350	25	26	21	25	26
Louisiana .....	277,116	17,953	20,325	21,008	29,554	42,573
Maine .....	0	0	0	0	0	0
Maryland .....	12,718	577	461	527	1,609	2,427
Massachusetts .....	38,567	414	5,750	5,506	5,967	5,449
Michigan .....	18,218	1,705	1,743	1,958	1,564	1,342
Minnesota .....	5,826	487	432	674	643	708
Mississippi .....	82,541	7,988	8,680	10,069	11,127	10,594
Missouri .....	4,351	195	120	595	824	443
Montana .....	632	48	72	19	150	109
Nebraska .....	3,061	139	152	159	168	155
Nevada .....	32,246	1,279	1,259	2,896	4,459	5,509
New Hampshire .....	1,277	1	89	135	69	150
New Jersey .....	42,625	2,232	2,472	2,028	4,461	5,631
New Mexico .....	32,214	2,466	2,477	2,688	2,711	3,403
New York .....	182,521	16,100	17,535	18,695	17,863	26,145
North Carolina .....	871	4	0	0	32	15
North Dakota .....	3	0	0	0	0	1
Ohio .....	2,818	58	69	87	155	160
Oklahoma .....	153,109	10,380	11,315	11,858	15,906	20,081
Oregon .....	26,132	3,149	2,947	3,031	2,835	2,964
Pennsylvania .....	12,716	900	2,003	2,059	1,844	1,374
Rhode Island .....	546	0	0	0	0	21
South Carolina .....	3,005	665	632	1,074	63	11
South Dakota .....	159	3	9	44	7	24
Tennessee .....	1,019	0	0	49	15	121
Texas .....	1,049,205	61,644	72,208	86,324	90,569	126,369
Utah .....	8,900	947	916	1,121	1,222	1,181
Vermont .....	166	1	6	3	47	17
Virginia .....	19,219	1,862	1,621	1,757	2,152	2,257
Washington .....	2,461	1	2	292	1,049	954
West Virginia .....	243	19	14	30	20	16
Wisconsin .....	3,821	330	218	217	496	281
Wyoming .....	129	8	7	15	7	15
<b>Total</b> .....	<b>2,987,146</b>	<b>207,886</b>	<b>231,242</b>	<b>263,958</b>	<b>295,956</b>	<b>382,114</b>

<sup>a</sup> Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

<sup>R</sup> = 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.

**Table 18. Natural Gas Deliveries to All Consumers, by State, 1994-1996**  
(Million Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		1995
				February	January	Total
Alabama	66,177	59,128	60,383	33,394	32,783	285,297
Alaska	27,495	25,682	22,854	14,699	<sup>R</sup> 12,796	135,776
Arizona	22,171	23,022	23,591	9,865	12,306	99,299
Arkansas	54,339	48,586	50,646	26,518	27,822	241,793
California	307,254	358,057	386,216	148,586	<sup>R</sup> 158,667	1,839,726
Colorado	72,473	67,771	67,485	38,750	33,723	266,014
Connecticut	31,759	31,799	32,968	15,423	16,336	131,391
Delaware	11,800	10,414	9,404	5,148	6,652	57,322
District of Columbia	10,565	10,251	10,502	5,070	5,495	32,751
Florida	64,959	62,507	52,786	31,804	<sup>R</sup> 33,155	506,548
Georgia	88,204	85,049	83,368	40,573	47,631	373,571
Hawaii	488	486	476	241	247	2,772
Idaho	14,798	13,486	11,966	7,357	7,440	57,500
Illinois	320,116	299,241	330,134	147,547	172,569	1,068,508
Indiana	139,672	142,861	148,325	68,722	70,950	532,031
Iowa	76,413	61,763	67,037	35,463	40,949	251,442
Kansas	76,878	66,239	78,144	35,535	<sup>R</sup> 41,343	300,149
Kentucky	52,321	54,968	56,583	23,534	28,787	198,168
Louisiana	219,499	236,549	224,560	114,645	<sup>R</sup> 104,854	1,431,193
Maine	1,436	1,265	1,420	693	743	5,340
Maryland	NA	48,901	49,476	NA	27,741	190,948
Massachusetts	81,795	76,705	87,388	39,570	<sup>R</sup> 42,225	361,230
Michigan	269,285	238,202	276,119	131,357	<sup>R</sup> 137,928	928,194
Minnesota	101,343	90,036	95,690	49,887	51,456	327,442
Mississippi	39,064	46,085	38,919	19,124	<sup>R</sup> 19,940	237,248
Missouri	118,927	NA	99,790	57,233	61,695	NA
Montana	14,745	11,924	11,977	7,380	7,365	50,996
Nebraska	NA	32,022	34,017	NA	28,522	154,198
Nevada	22,542	21,585	18,104	10,564	<sup>R</sup> 11,978	109,347
New Hampshire	5,296	4,628	5,486	2,595	2,701	19,848
New Jersey	160,209	148,229	165,757	76,136	84,074	592,988
New Mexico	26,461	25,021	22,915	11,052	<sup>R</sup> 15,409	105,270
New York	NA	263,777	249,288	NA	<sup>R</sup> 130,765	1,181,739
North Carolina	53,566	49,134	48,095	25,785	27,780	199,699
North Dakota	8,960	8,211	9,084	4,598	4,362	35,279
Ohio	234,355	245,012	260,504	108,939	125,416	875,161
Oklahoma	95,872	88,627	96,607	45,755	<sup>R</sup> 50,118	457,708
Oregon	31,537	31,052	31,211	15,651	15,885	141,269
Pennsylvania	204,761	177,216	194,346	91,191	113,570	672,853
Rhode Island	18,152	NA	17,495	8,208	<sup>R</sup> 9,944	NA
South Carolina	30,427	29,312	29,268	14,833	15,593	149,815
South Dakota	9,541	8,183	8,980	4,615	4,926	31,002
Tennessee	69,234	63,747	66,620	33,179	36,055	239,513
Texas	NA	504,420	580,728	NA	<sup>R</sup> 334,245	3,288,979
Utah	34,219	32,496	30,800	17,048	17,171	126,973
Vermont	2,064	1,945	2,162	1,015	1,049	7,323
Virginia	64,012	58,238	59,931	31,643	32,370	237,904
Washington	52,263	48,858	43,933	26,821	25,442	212,340
West Virginia	33,002	28,644	30,864	14,757	18,245	110,682
Wisconsin	110,601	100,776	105,999	51,627	58,974	381,417
Wyoming	NA	NA	17,097	NA	7,315	NA
<b>Total</b>	<b>4,555,030</b>	<b>4,254,096</b>	<b>4,507,497</b>	<b>2,179,525</b>	<b><sup>R</sup>2,375,505</b>	<b>19,694,139</b>

See footnotes at end of table.

**Table 18. Natural Gas Deliveries to All Consumers, by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1995					
	December	November	October	September	August	July
Alabama .....	28,743	23,408	20,012	19,147	22,601	21,407
Alaska .....	13,413	11,143	9,588	8,911	10,331	9,705
Arizona .....	8,569	6,166	5,151	7,211	9,903	8,456
Arkansas .....	24,481	18,628	16,588	17,240	21,067	18,677
California .....	163,141	146,451	138,268	151,361	157,295	145,911
Colorado .....	28,122	21,507	15,565	12,222	11,625	12,982
Connecticut .....	14,202	10,318	6,510	5,890	7,606	8,915
Delaware .....	5,097	4,789	4,213	4,087	4,908	5,321
District of Columbia .....	4,777	2,364	1,247	1,167	1,124	1,251
Florida .....	33,445	41,349	44,756	46,661	46,839	47,231
Georgia .....	44,802	37,285	26,179	20,594	27,468	25,437
Hawaii .....	223	221	223	224	221	234
Idaho .....	6,191	5,316	4,340	3,152	2,900	3,056
Illinois .....	150,712	122,403	65,302	44,177	47,446	43,688
Indiana .....	67,874	53,188	32,729	25,719	27,032	25,284
Iowa .....	31,407	26,445	18,258	13,144	13,069	12,354
Kansas .....	36,012	23,195	14,904	22,128	30,188	21,856
Kentucky .....	27,692	22,321	12,699	9,135	8,755	8,457
Louisiana .....	107,644	111,906	116,358	119,888	130,831	130,659
Maine .....	709	600	376	272	256	231
Maryland .....	23,435	16,869	10,150	9,686	13,973	12,372
Massachusetts .....	39,447	29,186	21,144	21,317	23,813	23,970
Michigan .....	125,325	89,510	54,270	41,237	42,011	38,970
Minnesota .....	45,740	30,953	21,560	14,537	14,437	13,892
Mississippi .....	20,178	16,273	12,956	16,609	24,666	22,912
Missouri .....	NA	23,488	12,664	10,431	12,929	12,028
Montana .....	6,374	5,422	3,879	2,484	2,252	2,261
Nebraska .....	23,892	18,971	10,925	9,817	9,933	9,415
Nevada .....	9,538	7,797	7,414	8,775	10,224	9,738
New Hampshire .....	2,326	1,626	955	842	1,198	1,335
New Jersey .....	75,834	50,617	32,259	30,785	37,091	37,800
New Mexico .....	11,489	9,213	5,590	5,988	7,581	7,083
New York .....	127,858	101,044	70,686	67,168	78,416	80,935
North Carolina .....	22,478	17,334	12,858	11,795	13,221	11,428
North Dakota .....	4,029	8,860	1,521	996	936	1,046
Ohio .....	121,643	90,706	52,297	36,689	37,078	35,805
Oklahoma .....	39,492	32,347	29,588	32,013	46,415	40,718
Oregon .....	13,661	15,053	11,271	9,853	10,382	8,270
Pennsylvania .....	87,946	70,726	37,810	30,393	31,718	31,511
Rhode Island .....	NA	7,784	3,683	4,867	4,985	3,070
South Carolina .....	13,782	12,227	11,100	11,093	11,747	10,082
South Dakota .....	3,982	3,199	1,929	1,164	1,451	1,313
Tennessee .....	24,263	22,472	14,775	14,432	15,517	13,090
Texas .....	284,462	245,960	256,769	265,219	301,369	315,414
Utah .....	14,904	11,131	10,034	7,427	6,594	5,292
Vermont .....	1,072	660	397	270	271	279
Virginia .....	31,396	20,987	13,494	13,376	18,096	14,148
Washington .....	22,335	19,646	15,998	15,332	13,453	10,905
West Virginia .....	13,673	9,844	7,509	5,862	5,678	5,261
Wisconsin .....	53,734	42,380	23,819	16,547	18,713	16,161
Wyoming .....	NA	NA	6,324	5,221	4,560	4,690
<b>Total .....</b>	<b>2,150,898</b>	<b>1,729,380</b>	<b>1,328,895</b>	<b>1,254,553</b>	<b>1,402,173</b>	<b>1,352,308</b>

See footnotes at end of table.

**Table 18. Natural Gas Deliveries to All Consumers, by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1995					
	June	May	April	March	February	January
Alabama .....	19,975	20,317	21,819	28,740	29,728	29,400
Alaska .....	10,693	10,504	11,976	13,831	11,776	13,906
Arizona .....	6,331	7,036	8,304	9,150	10,649	12,373
Arkansas .....	17,268	17,781	18,199	23,277	23,149	25,437
California .....	124,562	141,140	154,392	159,149	151,811	206,246
Colorado .....	18,785	23,142	24,993	29,302	32,379	35,392
Connecticut .....	7,918	9,918	12,224	16,093	16,080	15,719
Delaware .....	3,684	3,840	5,048	5,920	5,271	5,143
District of Columbia .....	1,357	1,973	2,909	4,331	5,464	4,787
Florida .....	47,355	46,841	46,008	43,555	30,439	32,068
Georgia .....	22,331	23,898	27,938	32,590	40,440	44,609
Hawaii .....	238	234	232	237	232	253
Idaho .....	3,860	4,430	5,070	5,699	6,017	7,469
Illinois .....	44,013	54,777	85,625	111,124	140,512	158,729
Indiana .....	25,816	32,978	42,964	55,584	66,871	75,990
Iowa .....	12,454	15,992	21,198	25,359	28,651	33,112
Kansas .....	15,585	20,352	21,908	27,782	28,219	38,020
Kentucky .....	8,806	11,302	13,399	20,635	26,541	28,427
Louisiana .....	123,792	120,884	117,117	115,564	110,993	125,556
Maine .....	260	347	474	550	649	616
Maryland .....	9,855	11,185	14,723	19,799	25,770	23,131
Massachusetts .....	25,297	26,381	34,754	39,216	39,647	37,058
Michigan .....	44,247	60,847	86,826	106,749	119,927	118,275
Minnesota .....	14,273	18,689	28,046	35,279	42,693	47,342
Mississippi .....	20,897	19,741	15,706	21,223	22,263	23,822
Missouri .....	11,484	15,892	20,327	31,314	40,417	42,207
Montana .....	2,502	3,607	4,569	5,722	5,235	6,689
Nebraska .....	6,472	8,594	10,579	13,577	15,076	16,946
Nevada .....	8,062	8,866	8,107	9,241	10,500	11,085
New Hampshire .....	1,344	1,548	1,824	2,222	2,304	2,324
New Jersey .....	28,667	36,416	49,894	65,396	76,069	72,159
New Mexico .....	7,007	8,325	8,890	9,084	10,463	14,558
New York .....	75,371	82,608	103,047	130,828	133,480	130,297
North Carolina .....	12,019	12,682	15,631	21,119	24,478	24,656
North Dakota .....	1,273	1,902	2,884	3,621	3,982	4,229
Ohio .....	36,461	49,800	72,866	96,806	122,628	122,384
Oklahoma .....	36,225	34,608	35,219	42,456	39,608	49,018
Oregon .....	7,480	9,474	11,232	13,542	13,430	17,622
Pennsylvania .....	32,187	39,749	57,649	75,947	90,188	87,028
Rhode Island .....	2,992	5,064	6,139	7,126	7,259	7,117
South Carolina .....	11,397	10,926	11,673	16,474	14,757	14,555
South Dakota .....	1,460	1,993	2,875	3,450	3,978	4,205
Tennessee .....	13,714	12,622	19,487	25,394	31,679	32,068
Texas .....	268,310	292,720	267,068	287,269	237,775	266,645
Utah .....	6,258	8,946	11,175	12,716	14,074	18,422
Vermont .....	333	456	744	896	971	974
Virginia .....	12,133	15,261	17,540	23,234	29,009	29,229
Washington .....	11,752	13,806	18,448	21,808	21,853	27,005
West Virginia .....	5,623	7,378	9,304	11,907	14,654	13,990
Wisconsin .....	15,861	20,821	32,416	40,189	49,001	51,775
Wyoming .....	5,211	5,790	6,364	6,321	6,737	8,251
<b>Total .....</b>	<b>1,251,249</b>	<b>1,414,386</b>	<b>1,627,805</b>	<b>1,928,397</b>	<b>2,035,777</b>	<b>2,218,319</b>

See footnotes at end of table.

**Table 18. Natural Gas Deliveries to All Consumers, by State, 1994-1996**  
(Million Cubic Feet) — Continued

State	1994					
	Total	December	November	October	September	August
Alabama .....	260,827	24,648	20,073	18,931	18,087	18,019
Alaska .....	126,045	13,758	11,960	11,280	9,258	9,317
Arizona .....	108,457	11,465	7,758	6,345	6,985	10,630
Arkansas .....	227,835	20,602	16,678	16,276	16,702	17,806
California .....	2,040,988	202,754	187,864	153,406	154,506	170,116
Colorado .....	241,348	31,223	20,213	12,826	9,630	10,361
Connecticut .....	119,332	12,435	9,497	8,068	6,447	6,851
Delaware .....	48,632	4,772	4,268	4,460	3,596	4,023
District of Columbia .....	30,607	3,404	2,010	1,332	1,143	1,080
Florida .....	361,360	31,740	31,353	29,394	32,624	33,733
Georgia .....	334,416	38,032	29,202	24,810	20,292	20,838
Hawaii .....	2,778	235	236	221	228	219
Idaho .....	52,154	6,958	5,424	3,780	2,819	2,794
Illinois .....	1,010,961	127,594	87,176	62,952	40,594	38,991
Indiana .....	512,423	55,676	43,619	34,486	27,267	24,076
Iowa .....	237,609	27,800	21,098	15,784	12,606	11,618
Kansas .....	341,667	35,470	32,252	25,109	19,036	25,690
Kentucky .....	182,708	21,921	15,765	11,971	8,656	8,311
Louisiana .....	1,353,314	113,561	108,518	112,410	117,778	132,661
Maine .....	5,045	581	472	354	261	241
Maryland .....	181,233	19,825	13,620	10,829	9,720	10,231
Massachusetts .....	335,541	29,951	27,525	22,295	19,487	18,743
Michigan .....	893,722	99,881	72,534	53,641	38,989	36,061
Minnesota .....	306,476	39,415	26,471	19,428	12,886	13,054
Mississippi .....	225,721	21,911	19,450	20,013	20,426	19,836
Missouri .....	264,714	31,144	19,117	12,446	11,035	8,803
Montana .....	46,268	6,621	4,974	3,419	2,170	1,896
Nebraska .....	123,364	14,251	9,374	6,634	5,934	7,468
Nevada .....	101,069	10,245	6,967	7,373	8,455	9,619
New Hampshire .....	18,732	1,834	1,398	1,151	828	849
New Jersey .....	582,352	61,624	41,105	34,085	30,000	29,617
New Mexico .....	106,787	12,379	11,071	8,639	6,404	7,329
New York .....	1,005,623	106,353	80,891	65,951	53,569	61,795
North Carolina .....	182,100	19,158	15,216	12,518	10,634	10,565
North Dakota .....	27,293	3,194	2,557	1,393	1,020	842
Ohio .....	824,070	95,237	66,385	49,521	34,324	33,259
Oklahoma .....	454,732	41,320	33,804	31,812	33,505	38,793
Oregon .....	140,509	17,468	14,454	10,964	9,339	9,379
Pennsylvania .....	656,011	71,392	52,796	43,049	30,835	29,807
Rhode Island .....	70,900	6,818	5,553	5,586	4,928	5,121
South Carolina .....	141,861	14,108	12,407	11,917	10,029	9,966
South Dakota .....	27,997	3,878	2,694	1,572	998	975
Tennessee .....	228,002	24,704	17,609	13,428	10,223	13,049
Texas .....	3,272,348	250,712	243,791	245,761	284,474	284,474
Utah .....	120,941	17,842	14,790	10,077	6,219	5,828
Vermont .....	7,297	814	497	416	381	281
Virginia .....	223,102	23,517	17,151	14,809	13,185	13,139
Washington .....	206,191	26,377	20,493	14,879	12,785	12,786
West Virginia .....	107,197	11,536	8,335	6,625	5,276	5,219
Wisconsin .....	345,711	40,374	30,770	20,957	15,377	14,429
Wyoming .....	81,490	8,725	7,349	8,532	5,401	3,874
<b>Total</b> .....	<sup>R</sup> 18,909,587	1,917,237	1,556,584	1,323,914	1,217,352	1,264,466

<sup>R</sup> = Revised Data.

NA = Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual total for commercial deliveries but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857 and Form EIA-759.

**Table 19. Average City Gate Price, by State, 1994-1996**  
(Dollars per Thousand Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		1995		
				February	January	Total	December	November
Alabama .....	3.23	2.59	3.18	3.35	3.12	2.89	2.83	2.84
Alaska .....	1.58	1.69	1.67	1.60	1.56	1.67	1.67	1.66
Arizona .....	2.20	2.29	2.73	2.36	2.08	2.10	1.86	2.19
Arkansas .....	2.51	2.37	2.78	2.52	2.51	2.31	2.45	2.28
California .....	2.27	1.95	2.96	2.25	2.29	2.03	1.90	2.15
Colorado .....	NA	NA	3.30	2.18	NA	NA	2.60	2.56
Connecticut .....	5.46	4.57	3.60	5.37	5.55	4.78	5.45	4.13
Delaware .....	3.32	2.57	3.35	3.36	3.29	2.70	3.01	2.89
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	3.73	2.41	3.12	3.60	3.84	2.72	3.32	3.05
Georgia .....	3.39	2.79	3.52	3.36	3.70	2.96	2.95	2.82
Hawaii .....	5.55	4.99	4.33	5.49	5.60	5.20	4.65	5.43
Idaho .....	2.03	2.16	2.39	2.08	1.98	2.18	1.98	2.14
Illinois .....	3.15	2.38	3.19	3.75	2.66	2.59	2.53	2.32
Indiana .....	NA	2.52	3.06	3.32	NA	2.84	2.82	2.67
Iowa .....	3.11	2.54	3.02	3.37	2.90	2.82	2.73	2.63
Kansas .....	2.73	2.17	2.73	2.74	2.73	2.38	2.52	2.51
Kentucky .....	3.14	2.76	3.30	3.06	3.19	2.79	2.84	2.45
Louisiana .....	3.42	2.15	2.87	3.24	3.58	2.21	2.78	2.44
Maine .....	3.92	3.36	3.95	3.89	3.95	3.35	3.08	3.03
Maryland .....	NA	2.56	3.23	NA	3.82	2.87	2.68	2.71
Massachusetts .....	3.33	2.97	3.63	3.17	3.48	3.52	3.35	3.13
Michigan .....	3.03	2.82	2.90	2.91	3.14	2.60	2.81	2.56
Minnesota .....	2.83	2.41	2.75	2.61	2.91	2.51	2.65	2.50
Mississippi .....	3.30	NA	2.89	3.07	3.49	NA	NA	2.71
Missouri .....	2.59	2.33	2.78	2.71	2.52	2.74	2.53	2.54
Montana .....	2.89	3.42	3.47	2.98	2.83	3.01	2.72	2.65
Nebraska .....	2.56	2.30	2.80	2.45	2.67	2.49	2.34	2.43
Nevada .....	2.61	2.94	3.20	2.75	2.51	2.77	2.48	2.62
New Hampshire .....	4.07	NA	3.90	3.99	4.14	NA	NA	3.44
New Jersey .....	3.79	3.11	3.41	3.49	4.09	3.36	3.47	3.52
New Mexico .....	1.60	1.50	2.26	1.69	1.53	1.46	1.44	1.58
New York .....	3.32	2.49	3.19	3.19	3.48	2.47	2.98	2.61
North Carolina .....	3.64	2.81	3.36	3.66	3.62	2.96	2.95	2.77
North Dakota .....	2.88	NA	3.10	2.82	2.94	NA	2.55	2.25
Ohio .....	3.94	3.94	3.48	4.08	3.82	3.84	3.50	3.34
Oklahoma .....	2.54	2.78	2.68	2.60	2.46	2.53	2.27	2.24
Oregon .....	2.11	2.47	2.73	1.96	3.25	2.44	1.71	2.89
Pennsylvania .....	3.28	3.11	3.40	3.29	3.27	3.09	2.96	2.63
Rhode Island .....	NA	NA	3.58	3.92	NA	NA	NA	3.13
South Carolina .....	3.95	3.12	3.49	3.85	4.02	3.26	3.27	3.16
South Dakota .....	2.81	2.81	3.13	2.98	2.69	2.91	2.68	2.62
Tennessee .....	3.24	2.52	2.24	3.15	3.36	2.75	3.90	2.65
Texas .....	3.24	3.14	3.23	3.16	3.31	3.00	3.20	3.06
Utah .....	2.19	3.70	2.99	2.10	2.27	2.88	2.43	2.46
Vermont .....	2.88	2.42	2.92	2.82	2.93	2.61	2.38	2.19
Virginia .....	3.63	2.93	3.46	3.36	3.89	2.92	3.10	2.60
Washington .....	2.05	2.43	2.43	2.12	1.98	2.18	2.06	2.14
West Virginia .....	3.38	2.71	3.36	3.48	3.16	2.85	3.04	2.26
Wisconsin .....	2.83	2.62	3.10	2.78	2.87	2.83	2.75	2.48
Wyoming .....	NA	NA	3.25	NA	2.14	NA	NA	NA
<b>Total</b> .....	<b>3.15</b>	<b>2.75</b>	<b>3.14</b>	<b>3.17</b>	<b>3.13</b>	<b>2.78</b>	<b>2.83</b>	<b>2.67</b>

See footnotes at end of table.

**Table 19. Average City Gate Price, by State, 1994-1996**  
(Dollars per Thousand Cubic Feet) — Continued

State	1995							
	October	September	August	July	June	May	April	March
Alabama .....	3.52	3.50	3.20	3.83	3.58	3.34	2.90	2.45
Alaska .....	1.63	1.62	1.57	1.63	1.60	1.70	1.79	1.66
Arizona .....	2.24	2.44	2.36	2.20	2.17	2.00	1.78	1.83
Arkansas .....	2.19	2.01	1.91	2.33	2.25	2.36	2.41	2.29
California .....	2.15	2.06	2.26	2.19	1.85	2.03	2.12	1.90
Colorado .....	2.41	NA	NA	NA	2.96	2.41	3.04	2.56
Connecticut .....	4.27	4.80	5.30	5.54	5.11	5.28	4.74	4.88
Delaware .....	2.81	2.85	2.48	1.73	3.38	3.20	3.11	2.47
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	2.75	2.75	2.47	2.50	2.75	2.53	2.92	2.71
Georgia .....	3.02	3.48	2.78	2.82	3.15	3.16	2.85	3.44
Hawaii .....	5.90	5.78	4.25	6.12	5.98	4.38	4.52	5.42
Idaho .....	1.83	2.79	2.72	2.89	2.43	2.28	2.21	2.23
Illinois .....	2.94	3.58	3.02	3.45	3.14	3.16	2.40	2.33
Indiana .....	2.96	3.57	3.18	3.26	3.63	3.11	2.81	2.95
Iowa .....	2.84	3.41	3.48	3.55	3.39	3.10	2.97	2.78
Kansas .....	2.85	2.80	2.52	2.19	3.09	2.25	2.18	2.06
Kentucky .....	2.61	2.51	2.80	2.92	3.18	3.32	3.14	2.95
Louisiana .....	2.23	2.05	1.90	2.00	2.04	2.10	2.12	2.14
Maine .....	2.72	3.54	5.13	5.99	5.81	2.72	3.41	2.43
Maryland .....	3.44	3.95	3.25	3.34	3.88	3.51	2.82	2.68
Massachusetts .....	4.11	4.76	4.57	4.64	4.58	4.71	3.22	2.98
Michigan .....	2.54	2.59	2.50	2.41	2.43	2.49	2.46	2.92
Minnesota .....	2.43	2.63	2.84	2.79	2.91	2.56	2.16	2.49
Mississippi .....	2.77	2.43	2.21	2.34	2.50	2.46	2.39	2.37
Missouri .....	3.18	3.85	3.97	4.06	3.99	3.08	2.83	2.48
Montana .....	2.68	3.01	2.06	2.92	3.38	2.99	2.94	3.10
Nebraska .....	2.80	2.97	3.11	3.42	2.69	2.68	2.18	2.47
Nevada .....	2.64	3.23	3.06	3.46	2.92	2.86	2.35	2.62
New Hampshire .....	2.89	3.33	3.70	4.56	4.40	2.93	2.81	3.19
New Jersey .....	3.74	3.40	3.72	4.02	3.60	3.21	3.25	3.11
New Mexico .....	1.42	1.40	1.11	1.50	1.33	1.34	1.53	1.50
New York .....	2.53	2.32	2.12	2.20	2.40	2.42	2.30	2.31
North Carolina .....	2.98	3.64	3.24	3.48	3.15	3.06	3.06	2.79
North Dakota .....	NA	2.49	1.95	2.25	2.45	2.45	2.43	2.66
Ohio .....	4.01	3.85	4.87	4.63	4.19	4.12	3.95	3.91
Oklahoma .....	1.97	1.93	2.39	2.33	2.35	2.46	2.57	2.72
Oregon .....	2.41	2.96	2.82	3.16	2.69	2.77	2.38	2.41
Pennsylvania .....	3.22	3.34	3.89	4.04	3.73	3.21	2.94	2.89
Rhode Island .....	4.54	5.28	5.85	6.46	5.53	4.20	3.25	2.76
South Carolina .....	3.04	3.63	3.43	3.71	3.74	3.47	3.04	3.07
South Dakota .....	3.07	3.51	3.93	3.86	3.84	2.99	2.64	2.80
Tennessee .....	2.69	2.69	2.58	3.06	3.21	2.65	2.66	2.33
Texas .....	2.79	2.77	2.65	2.67	2.90	2.73	2.94	3.24
Utah .....	2.18	3.16	2.40	2.56	3.41	2.55	2.48	3.33
Vermont .....	2.89	3.16	3.04	3.20	3.37	3.56	2.68	2.35
Virginia .....	3.40	2.22	3.17	3.00	3.46	3.36	2.78	2.81
Washington .....	2.02	2.06	1.98	1.79	1.93	1.92	2.21	2.44
West Virginia .....	3.48	3.46	3.13	3.40	2.83	2.99	2.63	2.87
Wisconsin .....	3.01	3.37	3.71	3.81	4.15	2.80	2.64	2.75
Wyoming .....	3.05	NA	2.38	2.24	2.64	2.80	2.63	2.84
<b>Total</b> .....	<b>2.84</b>	<b>2.83</b>	<b>2.81</b>	<b>2.83</b>	<b>2.90</b>	<b>2.80</b>	<b>2.70</b>	<b>2.74</b>

See footnotes at end of table.

**Table 19. Average City Gate Price, by State, 1994-1996**  
(Dollars per Thousand Cubic Feet) — Continued

State	1995		1994					
	February	January	Total	December	November	October	September	August
Alabama .....	2.60	2.59	3.44	2.87	3.26	3.64	3.62	3.92
Alaska .....	1.67	1.71	1.62	1.62	1.60	1.61	1.60	1.60
Arizona .....	2.41	2.21	2.53	2.34	2.08	2.07	2.58	2.66
Arkansas .....	2.34	2.39	2.54	2.30	2.36	2.21	2.06	2.37
California .....	1.96	1.95	2.57	2.39	2.22	2.48	2.23	2.53
Colorado .....	2.70	2.63	3.31	2.98	2.81	2.83	3.66	3.47
Connecticut .....	4.73	4.42	4.17	4.63	4.70	4.37	5.09	5.09
Delaware .....	2.45	2.69	2.95	2.75	2.82	2.42	2.69	2.98
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	2.39	2.42	2.78	2.54	2.45	2.35	2.33	2.54
Georgia .....	2.54	3.01	3.54	3.31	3.43	3.13	3.68	3.51
Hawaii .....	5.14	4.85	4.94	5.52	5.05	5.41	5.33	5.34
Idaho .....	2.29	2.06	2.46	2.22	2.25	2.19	2.71	3.68
Illinois .....	2.28	2.47	3.02	2.82	2.80	2.38	2.65	2.93
Indiana .....	2.35	2.63	2.98	3.05	3.07	2.27	2.28	2.95
Iowa .....	2.44	2.63	3.15	2.86	2.83	2.56	3.34	3.84
Kansas .....	2.18	2.17	2.86	2.50	2.41	2.74	2.39	4.66
Kentucky .....	2.72	2.80	3.13	2.99	3.16	2.74	2.32	2.72
Louisiana .....	2.05	2.23	2.54	2.35	2.38	2.02	1.97	2.26
Maine .....	3.50	3.21	2.98	3.51	2.54	1.20	0.88	1.17
Maryland .....	2.47	2.65	3.38	2.78	2.99	3.20	4.27	5.01
Massachusetts .....	3.02	2.93	3.98	3.14	3.58	3.55	4.81	5.85
Michigan .....	2.83	2.81	2.70	2.93	2.70	2.56	2.55	2.59
Minnesota .....	2.38	2.43	2.85	2.78	2.74	2.45	2.98	3.21
Mississippi .....	2.24	2.35	2.83	2.54	2.81	2.49	2.64	2.71
Missouri .....	2.28	2.38	3.05	2.43	2.64	3.16	4.08	4.61
Montana .....	3.31	3.51	3.49	3.34	2.98	3.31	3.83	3.56
Nebraska .....	2.20	2.38	2.98	2.38	2.65	3.22	3.28	3.50
Nevada .....	3.15	2.80	3.18	2.85	2.53	2.88	3.50	4.04
New Hampshire .....	3.44	3.49	3.49	3.54	3.41	2.33	2.67	2.94
New Jersey .....	3.09	3.12	3.30	2.78	2.74	2.79	3.48	3.55
New Mexico .....	1.14	1.82	2.02	2.03	1.70	1.83	1.97	1.83
New York .....	2.44	2.55	3.02	2.63	2.78	2.66	2.76	3.13
North Carolina .....	2.77	2.85	3.27	2.82	2.96	3.11	3.35	3.09
North Dakota .....	2.78	3.11	3.15	2.67	2.98	3.29	3.39	3.17
Ohio .....	3.76	4.11	3.48	3.48	3.35	3.48	2.83	4.18
Oklahoma .....	2.72	2.84	2.46	2.67	2.00	1.69	1.60	1.85
Oregon .....	2.55	2.40	2.73	2.49	2.71	2.72	2.81	2.81
Pennsylvania .....	2.91	3.36	3.46	3.19	3.28	3.38	3.14	4.16
Rhode Island .....	2.71	3.07	4.17	3.16	3.36	3.98	5.39	6.17
South Carolina .....	3.17	3.08	3.67	3.31	3.58	3.37	3.72	3.61
South Dakota .....	2.80	2.82	3.35	2.91	2.97	3.23	4.31	4.28
Tennessee .....	2.66	2.43	2.71	2.52	2.89	2.59	3.79	2.90
Texas .....	3.16	3.13	3.00	3.20	3.04	2.73	2.72	2.66
Utah .....	4.06	3.46	3.31	3.66	3.24	3.91	4.81	3.62
Vermont .....	2.40	2.45	3.11	2.39	2.69	3.68	1.54	4.83
Virginia .....	2.88	2.97	3.44	3.15	3.15	3.62	3.20	3.68
Washington .....	2.46	2.40	2.54	2.64	3.14	2.89	2.33	2.30
West Virginia .....	2.59	2.83	3.26	3.05	2.78	2.94	3.45	3.48
Wisconsin .....	2.61	2.63	3.42	2.80	2.96	3.39	4.73	4.31
Wyoming .....	2.75	2.88	2.91	2.99	2.14	2.19	2.61	3.07
<b>Total</b> .....	2.71	2.79	3.07	2.86	2.84	2.80	2.92	3.15

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.

**Table 20. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1994-1996**

(Dollars per Thousand Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		1995		
				February	January	Total	December	November
Alabama	6.15	6.28	6.39	6.33	5.97	6.74	5.78	6.39
Alaska	3.31	3.54	3.51	3.30	3.32	3.63	3.51	3.60
Arizona	6.69	7.13	6.62	6.80	6.60	7.88	7.09	8.24
Arkansas	5.24	5.02	5.04	5.25	5.23	5.49	4.35	5.51
California	6.39	6.73	6.31	6.32	6.46	6.64	6.16	5.34
Colorado	NA	4.49	4.58	4.02	NA	4.74	4.25	4.48
Connecticut	9.93	9.82	9.40	9.85	10.00	9.89	8.92	9.88
Delaware	6.28	6.66	6.94	6.25	6.32	7.08	6.52	7.47
District of Columbia	7.88	7.82	8.02	8.42	7.37	8.01	7.24	7.72
Florida	9.76	8.57	8.61	9.93	9.61	10.16	9.44	10.89
Georgia	5.92	6.18	6.57	5.97	5.28	6.39	5.19	4.98
Hawaii	18.52	16.75	16.06	18.82	18.20	17.56	18.82	17.94
Idaho	4.98	NA	5.11	4.98	4.97	NA	5.31	5.48
Illinois	4.38	4.54	5.18	4.55	4.24	4.62	4.14	4.07
Indiana	NA	5.31	5.89	4.85	NA	5.38	4.56	4.68
Iowa	4.66	4.49	4.96	4.86	4.50	5.04	4.78	4.47
Kansas	5.07	4.43	5.21	5.17	4.99	4.90	5.03	5.21
Kentucky	4.67	4.76	4.94	4.60	4.73	5.00	4.32	4.24
Louisiana	5.70	5.13	5.70	5.14	6.10	5.92	5.87	6.27
Maine	7.38	7.25	7.68	7.78	7.02	7.31	7.01	7.17
Maryland	NA	6.15	6.47	NA	6.47	6.63	6.20	6.51
Massachusetts	8.92	9.13	8.74	9.01	8.83	9.04	8.86	9.50
Michigan	4.49	4.36	4.66	4.53	4.45	4.68	4.45	4.60
Minnesota	4.91	4.59	4.99	4.85	4.93	4.79	4.81	4.81
Mississippi	5.01	4.61	5.18	4.75	5.26	5.02	4.90	5.19
Missouri	5.20	NA	5.07	5.30	5.11	NA	NA	5.41
Montana	4.62	4.99	4.93	4.59	4.66	5.17	4.82	4.95
Nebraska	4.75	4.48	4.79	4.73	4.78	4.86	4.76	4.98
Nevada	5.70	6.30	6.08	5.76	5.64	6.76	5.97	6.92
New Hampshire	7.11	7.32	8.17	7.19	7.03	7.16	7.18	7.77
New Jersey	7.03	6.78	6.73	7.06	7.01	7.21	7.03	7.21
New Mexico	3.71	4.88	5.87	4.16	3.42	5.08	3.58	3.89
New York	7.97	7.82	7.84	8.01	7.93	8.41	7.72	9.17
North Carolina	6.46	6.42	6.56	6.81	6.14	6.94	6.23	6.52
North Dakota	4.24	NA	5.00	4.20	4.28	NA	4.31	4.77
Ohio	5.14	5.40	5.51	5.40	4.91	5.48	4.95	5.03
Oklahoma	4.75	4.96	4.74	4.76	4.74	5.67	5.04	5.96
Oregon	5.73	6.47	6.78	5.67	6.10	6.81	6.32	7.45
Pennsylvania	6.55	7.23	6.82	6.69	6.43	7.33	6.40	6.64
Rhode Island	NA	3.94	8.59	7.88	NA	6.44	8.04	8.24
South Carolina	7.16	7.91	7.12	7.32	7.02	7.86	7.04	7.12
South Dakota	4.55	4.57	5.01	4.67	4.43	5.06	4.86	5.07
Tennessee	5.74	5.42	5.72	6.04	5.45	5.59	5.28	4.44
Texas	5.10	5.41	5.26	5.16	5.05	5.97	5.32	5.80
Utah	4.24	4.83	5.10	3.97	4.51	4.74	4.72	4.99
Vermont	6.00	6.50	6.49	6.02	5.98	6.83	6.09	6.88
Virginia	7.02	7.14	6.90	7.23	6.82	7.37	6.61	5.71
Washington	5.39	5.67	5.35	5.38	5.41	5.91	5.56	5.69
West Virginia	6.87	6.76	6.66	6.69	7.26	7.13	6.78	7.03
Wisconsin	5.83	5.89	6.46	5.75	5.90	5.84	5.90	5.79
Wyoming	NA	NA	4.83	NA	4.64	NA	NA	NA
<b>Total</b>	<b>5.70</b>	<b>5.78</b>	<b>5.98</b>	<b>5.80</b>	<b>5.61</b>	<b>6.06</b>	<b>5.57</b>	<b>5.59</b>

See footnotes at end of table.

**Table 20. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1994-1996**

(Dollars per Thousand Cubic Feet) — Continued

State	1995							
	October	September	August	July	June	May	April	March
Alabama .....	8.74	9.28	9.21	8.94	8.69	8.05	7.57	6.10
Alaska .....	3.76	3.96	4.14	4.02	3.87	3.72	3.57	3.53
Arizona .....	9.40	10.12	10.59	9.79	9.19	8.36	7.87	7.67
Arkansas .....	6.82	7.33	7.82	7.48	7.03	6.30	5.56	5.06
California .....	7.08	7.23	7.13	7.22	7.39	6.84	6.47	6.53
Colorado .....	5.09	6.56	6.65	5.90	5.07	4.81	4.74	4.56
Connecticut .....	10.97	11.09	11.25	11.03	10.56	10.20	9.73	9.73
Delaware .....	8.85	9.58	9.49	9.25	8.66	7.54	6.99	6.62
District of Columbia .....	9.59	10.15	7.46	7.20	7.03	9.55	9.16	8.03
Florida .....	12.49	11.93	12.56	12.22	12.10	11.61	10.57	9.32
Georgia .....	6.95	8.19	8.96	8.80	8.60	7.77	7.62	7.34
Hawaii .....	17.91	17.86	17.93	18.06	17.46	17.41	17.32	16.99
Idaho .....	5.79	NA	6.71	6.48	6.22	5.27	5.78	5.64
Illinois .....	4.79	6.02	6.91	6.00	6.51	5.67	4.56	4.40
Indiana .....	5.68	7.29	7.91	7.65	7.39	6.48	5.64	5.24
Iowa .....	5.40	7.29	8.65	8.51	8.80	5.90	4.90	4.78
Kansas .....	5.77	6.66	6.73	6.24	5.93	5.16	4.73	4.31
Kentucky .....	5.90	7.73	8.25	7.90	8.21	6.02	5.82	4.68
Louisiana .....	7.60	7.62	7.53	7.80	6.98	6.92	5.89	5.31
Maine .....	7.17	7.78	8.37	8.23	7.75	6.60	7.70	7.43
Maryland .....	7.73	8.65	9.24	9.18	8.74	7.24	6.49	6.10
Massachusetts .....	8.24	9.33	9.85	9.33	8.31	7.20	9.53	9.30
Michigan .....	5.18	6.17	7.01	6.63	5.98	5.01	4.49	4.39
Minnesota .....	5.27	6.06	6.56	4.53	5.99	5.10	4.45	4.47
Mississippi .....	6.10	6.40	5.95	5.99	6.04	5.95	5.36	4.67
Missouri .....	6.67	8.16	8.97	8.14	7.28	5.25	4.96	4.37
Montana .....	5.50	6.15	6.59	6.06	5.61	5.30	5.16	5.06
Nebraska .....	5.87	6.39	6.62	6.38	5.97	5.12	4.73	4.45
Nevada .....	8.05	8.53	8.57	8.06	7.46	6.89	6.60	6.64
New Hampshire .....	7.24	7.96	8.73	8.16	7.27	6.12	5.65	7.38
New Jersey .....	8.53	9.72	9.43	9.16	8.81	7.56	6.92	6.67
New Mexico .....	5.55	7.32	7.49	8.70	5.81	6.18	5.49	5.66
New York .....	10.78	11.74	11.92	11.57	10.14	8.65	7.83	7.61
North Carolina .....	8.96	10.69	11.64	10.57	9.92	8.02	7.14	6.67
North Dakota .....	NA	6.73	7.59	6.97	5.89	5.05	4.45	4.31
Ohio .....	6.12	7.17	7.66	7.43	7.00	5.72	5.41	5.26
Oklahoma .....	7.46	8.64	8.97	8.36	7.59	6.24	5.83	5.09
Oregon .....	7.63	8.37	8.57	8.11	7.66	6.40	6.75	6.59
Pennsylvania .....	8.13	10.17	10.58	10.16	9.37	7.99	7.26	7.02
Rhode Island .....	8.91	9.90	10.09	10.56	7.89	7.83	7.45	5.17
South Carolina .....	8.61	9.36	9.87	9.36	9.10	8.20	8.30	7.91
South Dakota .....	5.05	7.10	8.58	7.63	6.97	5.50	4.75	4.71
Tennessee .....	6.97	8.09	7.85	7.58	7.17	6.32	6.16	5.48
Texas .....	6.95	7.63	7.89	7.39	7.30	6.74	6.19	5.77
Utah .....	4.09	4.68	5.28	5.36	4.96	4.52	4.25	4.94
Vermont .....	7.92	9.03	9.81	9.35	8.12	7.25	6.67	6.54
Virginia .....	9.60	11.13	11.21	11.08	10.85	8.68	7.53	6.83
Washington .....	6.83	7.02	7.24	7.06	6.54	6.17	5.87	5.74
West Virginia .....	7.89	9.23	10.14	10.07	9.43	7.62	7.09	6.85
Wisconsin .....	5.16	5.80	6.38	6.41	6.01	5.75	5.83	5.83
Wyoming .....	NA	NA	5.58	5.43	5.22	4.98	4.93	4.85
<b>Total .....</b>	<b>6.61</b>	<b>7.72</b>	<b>8.12</b>	<b>7.80</b>	<b>7.48</b>	<b>6.53</b>	<b>6.04</b>	<b>5.82</b>

See footnotes at end of table.

**Table 20. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1994-1996**

(Dollars per Thousand Cubic Feet) — Continued

State	1995		1994					
	February	January	Total	December	November	October	September	August
Alabama .....	6.14	6.44	7.41	7.40	8.58	9.67	9.82	9.91
Alaska .....	3.53	3.54	3.60	3.48	3.55	3.65	3.93	4.17
Arizona .....	7.23	7.05	7.54	7.08	7.97	9.59	10.43	10.68
Arkansas .....	4.90	5.13	5.71	5.34	5.81	6.94	7.60	8.21
California .....	6.65	6.78	6.39	6.63	6.33	6.71	6.66	6.68
Colorado .....	4.52	4.47	4.92	4.58	4.93	5.83	6.66	6.68
Connecticut .....	9.73	9.91	10.14	10.12	10.79	11.06	12.42	12.86
Delaware .....	6.59	6.74	7.43	7.28	8.07	8.90	9.63	9.90
District of Columbia .....	7.83	7.80	8.29	7.92	8.67	9.55	9.93	6.96
Florida .....	8.41	8.74	9.98	9.62	10.96	11.33	11.45	11.92
Georgia .....	5.94	6.41	7.32	6.92	7.81	8.04	6.74	9.54
Hawaii .....	16.71	16.78	16.83	17.33	17.16	18.06	17.50	17.73
Idaho .....	5.56	5.40	5.29	4.96	5.24	5.52	6.29	6.70
Illinois .....	4.60	4.49	5.50	4.80	4.66	5.56	7.08	7.70
Indiana .....	5.40	5.22	6.24	5.47	5.60	5.79	7.91	8.79
Iowa .....	4.58	4.41	5.40	4.71	5.10	6.47	7.72	6.96
Kansas .....	4.37	4.47	5.11	4.51	4.25	4.73	6.19	6.23
Kentucky .....	4.65	4.85	5.46	5.14	5.44	6.43	7.25	7.88
Louisiana .....	4.98	5.26	6.24	5.65	7.09	7.39	7.50	7.94
Maine .....	7.23	7.28	7.83	7.36	7.64	7.65	8.33	9.41
Maryland .....	6.12	6.19	6.95	6.26	6.63	7.37	8.54	9.07
Massachusetts .....	9.08	9.18	8.94	9.31	9.94	8.08	9.24	9.67
Michigan .....	4.35	4.38	4.98	4.64	4.90	5.40	6.64	7.13
Minnesota .....	4.48	4.69	5.18	4.84	4.96	5.42	6.44	6.79
Mississippi .....	4.50	4.71	5.46	5.17	5.76	5.77	5.96	6.14
Missouri .....	4.42	4.53	5.43	4.49	5.20	6.99	7.80	8.50
Montana .....	5.03	4.95	5.23	4.95	5.14	5.78	6.47	6.96
Nebraska .....	4.45	4.51	5.01	4.57	4.85	5.60	6.26	6.54
Nevada .....	6.38	6.24	6.66	6.25	6.87	7.84	8.49	8.70
New Hampshire .....	7.33	7.31	7.96	7.62	8.36	7.76	8.69	10.24
New Jersey .....	6.52	7.06	7.11	6.79	7.06	7.65	8.52	8.74
New Mexico .....	5.00	4.79	5.61	4.40	3.55	4.00	7.66	8.30
New York .....	7.61	8.05	8.75	8.64	9.36	9.70	11.42	12.00
North Carolina .....	6.15	6.71	7.30	7.47	7.55	8.57	10.31	10.91
North Dakota .....	4.29	4.33	5.19	4.48	4.86	5.99	6.91	7.52
Ohio .....	5.10	5.70	5.88	5.89	5.95	6.60	7.39	7.84
Oklahoma .....	4.98	4.95	5.50	5.36	6.18	7.07	7.90	8.22
Oregon .....	6.56	6.40	6.99	6.56	6.74	7.55	8.52	8.66
Pennsylvania .....	7.19	7.28	7.44	7.29	7.69	8.21	9.65	10.43
Rhode Island .....	4.09	3.77	9.12	8.73	9.36	9.42	11.44	11.60
South Carolina .....	7.79	8.04	7.65	8.05	8.44	7.92	8.97	9.04
South Dakota .....	4.64	4.50	5.27	4.56	4.45	5.64	7.29	7.00
Tennessee .....	5.28	5.57	6.13	5.76	6.49	6.79	7.60	7.94
Texas .....	5.47	5.36	5.99	5.51	6.07	7.38	7.62	7.94
Utah .....	4.90	4.78	4.96	4.54	4.76	4.24	5.41	5.61
Vermont .....	6.49	6.51	6.94	6.70	7.35	7.85	9.05	9.59
Virginia .....	7.10	7.18	7.63	7.26	8.00	9.26	10.68	10.85
Washington .....	5.71	5.63	5.70	5.65	5.69	6.16	7.08	7.43
West Virginia .....	6.74	6.79	6.66	6.90	7.22	7.68	8.93	9.66
Wisconsin .....	5.84	5.93	6.28	5.96	5.95	5.47	6.23	6.60
Wyoming .....	4.77	4.89	5.10	4.77	4.98	5.40	6.25	6.81
<b>Total</b> .....	5.74	5.83	6.41	6.06	6.27	6.86	7.84	8.22

NA = Not Available.

Notes: Data for 1994 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.

**Table 21. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1994-1996**  
(Dollars per Thousand Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		1995		
				February	January	Total	December	November
Alabama .....	5.70	5.75	6.08	5.77	5.62	5.67	5.36	5.41
Alaska .....	2.34	2.55	2.52	2.35	2.33	2.44	2.52	2.40
Arizona .....	4.92	5.38	5.05	4.95	4.90	5.27	4.92	5.11
Arkansas .....	4.34	4.05	4.38	4.37	4.31	4.06	3.84	4.22
California .....	6.06	6.94	8.41	6.26	5.76	6.36	7.00	6.28
Colorado .....	NA	4.12	4.27	3.59	NA	4.12	3.68	3.77
Connecticut .....	7.81	7.44	7.51	8.29	7.37	7.16	7.97	7.14
Delaware .....	5.30	5.63	6.05	5.30	5.29	5.70	5.36	6.10
District of Columbia .....	7.18	5.99	6.69	7.83	6.57	6.03	5.99	6.38
Florida .....	6.29	5.11	5.65	6.39	6.20	5.20	5.52	5.30
Georgia .....	5.51	5.66	6.22	5.61	4.64	5.29	4.76	4.27
Hawaii .....	13.20	12.54	11.73	13.50	12.92	13.00	13.46	13.19
Idaho .....	4.43	4.78	4.93	4.41	4.45	4.90	4.72	5.25
Illinois .....	4.18	4.41	5.02	4.30	4.06	4.37	3.99	4.09
Indiana .....	NA	4.56	5.27	4.18	NA	4.35	3.90	3.73
Iowa .....	4.04	3.87	4.44	4.07	4.01	4.14	4.04	4.10
Kansas .....	NA	4.12	4.82	4.50	NA	4.09	4.31	4.25
Kentucky .....	4.35	4.73	4.88	4.39	4.32	4.59	4.27	4.14
Louisiana .....	5.65	4.90	5.57	5.10	6.07	5.05	5.61	5.43
Maine .....	6.90	6.69	7.21	7.32	6.51	6.52	6.48	6.58
Maryland .....	NA	4.96	5.64	NA	5.58	5.05	5.15	5.00
Massachusetts .....	7.43	7.47	7.87	7.50	7.36	6.68	7.12	6.73
Michigan .....	4.44	4.31	4.56	4.48	4.41	4.44	4.36	4.46
Minnesota .....	4.43	4.04	4.55	4.53	4.39	3.96	4.20	3.86
Mississippi .....	4.65	4.13	4.81	4.42	4.87	4.05	4.20	4.11
Missouri .....	5.06	4.29	4.99	5.16	4.96	4.40	4.96	4.75
Montana .....	4.60	4.90	4.81	4.58	4.63	4.94	4.66	4.80
Nebraska .....	NA	NA	4.42	NA	NA	NA	NA	NA
Nevada .....	4.82	5.35	5.09	4.84	4.80	5.39	4.87	5.30
New Hampshire .....	6.80	6.85	7.70	6.94	6.67	6.44	6.70	6.48
New Jersey .....	8.59	5.87	6.23	6.67	10.42	5.65	6.05	6.08
New Mexico .....	3.16	4.03	5.12	3.40	2.99	3.62	2.86	2.92
New York .....	NA	6.03	6.65	NA	NA	5.78	5.86	5.09
North Carolina .....	5.73	5.31	5.60	6.10	5.39	5.27	5.22	5.21
North Dakota .....	3.86	3.83	4.58	3.87	3.84	3.69	1.82	4.07
Ohio .....	4.86	5.08	5.28	5.11	4.65	4.95	4.67	4.68
Oklahoma .....	4.47	4.61	4.62	4.46	4.48	4.56	4.45	4.42
Oregon .....	4.88	5.24	5.50	4.82	5.22	5.27	5.00	5.51
Pennsylvania .....	5.97	6.48	6.33	6.07	5.89	6.26	5.32	5.66
Rhode Island .....	NA	NA	8.01	7.26	NA	NA	NA	5.87
South Carolina .....	6.38	6.59	6.49	6.57	6.20	6.19	5.89	5.88
South Dakota .....	3.78	3.72	4.35	4.04	3.54	3.98	3.90	3.84
Tennessee .....	5.47	5.01	5.60	5.81	5.14	5.02	5.15	4.80
Texas .....	4.40	4.61	4.63	4.37	4.42	4.14	3.86	4.26
Utah .....	3.32	3.74	4.08	3.06	3.59	3.64	3.92	3.91
Vermont .....	5.25	NA	5.74	5.23	5.27	NA	5.12	5.22
Virginia .....	5.62	5.37	5.77	5.86	5.40	5.13	4.96	4.55
Washington .....	4.43	5.03	4.75	4.15	4.75	5.00	4.89	4.89
West Virginia .....	6.13	5.95	5.91	6.02	6.37	5.97	5.98	5.93
Wisconsin .....	4.72	4.69	5.34	4.65	4.78	4.52	4.78	4.48
Wyoming .....	NA	NA	4.47	NA	3.92	NA	NA	NA
<b>Total .....</b>	<b>5.20</b>	<b>5.14</b>	<b>5.54</b>	<b>5.20</b>	<b>5.19</b>	<b>5.01</b>	<b>4.88</b>	<b>4.78</b>

See footnotes at end of table.

**Table 21. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1994-1996**

(Dollars per Thousand Cubic Feet) — Continued

State	1995							
	October	September	August	July	June	May	April	March
Alabama .....	5.77	5.80	5.83	5.77	5.81	5.85	6.02	5.50
Alaska .....	2.24	2.29	2.19	2.25	2.34	2.40	2.50	2.51
Arizona .....	5.10	5.05	5.24	5.27	5.29	5.38	5.42	5.43
Arkansas .....	4.26	4.19	4.13	4.12	4.12	4.24	3.89	3.96
California .....	5.96	6.10	6.15	6.08	5.97	5.55	5.97	6.40
Colorado .....	4.27	4.63	4.57	4.44	4.30	4.22	4.17	4.16
Connecticut .....	6.08	6.16	5.92	6.75	6.73	6.78	7.48	7.31
Delaware .....	5.80	6.09	6.32	5.74	6.09	5.81	5.73	5.56
District of Columbia .....	5.94	6.01	5.45	5.33	5.51	6.08	6.36	6.30
Florida .....	5.22	5.17	5.21	5.19	5.22	5.17	5.16	5.05
Georgia .....	5.05	5.06	5.07	5.16	5.26	5.09	5.97	6.02
Hawaii .....	13.17	13.22	12.99	13.37	13.07	12.90	12.96	12.66
Idaho .....	4.99	5.04	5.09	5.18	5.18	4.55	5.17	4.82
Illinois .....	4.14	4.95	4.71	5.01	4.87	4.96	4.36	4.50
Indiana .....	4.05	4.72	4.88	4.93	5.03	4.81	4.47	4.43
Iowa .....	4.04	4.83	5.55	5.40	5.15	4.66	4.01	4.05
Kansas .....	3.31	3.89	3.86	3.97	4.04	4.19	4.06	3.99
Kentucky .....	4.56	4.70	5.26	4.71	5.27	4.79	4.75	4.61
Louisiana .....	5.38	5.15	4.76	5.10	4.55	5.25	4.88	4.92
Maine .....	5.92	6.05	6.17	6.11	6.00	5.91	6.90	6.77
Maryland .....	5.18	4.85	5.23	5.82	5.30	4.89	4.94	5.00
Massachusetts .....	4.82	5.18	5.19	5.29	4.94	4.92	7.27	7.53
Michigan .....	4.56	5.34	5.56	5.59	5.23	4.59	4.27	4.25
Minnesota .....	3.93	3.90	3.97	2.67	4.17	4.04	3.69	3.90
Mississippi .....	3.94	3.82	3.47	3.90	4.02	4.14	4.14	4.03
Missouri .....	4.59	4.86	4.89	4.88	4.76	4.01	4.09	3.98
Montana .....	5.11	5.47	5.52	5.31	5.17	4.96	4.93	4.95
Nebraska .....	NA	NA	3.63	3.64	3.77	5.00	3.90	3.97
Nevada .....	5.58	5.62	5.69	5.64	5.55	5.44	5.41	5.41
New Hampshire .....	5.66	5.95	6.21	6.03	6.04	5.38	5.47	6.89
New Jersey .....	5.25	4.81	5.17	5.28	5.13	5.13	5.21	5.68
New Mexico .....	3.30	3.44	3.37	4.00	3.51	4.02	3.85	4.06
New York .....	5.27	5.45	5.46	5.58	6.12	6.14	6.03	5.81
North Carolina .....	5.14	5.14	5.18	5.22	5.13	5.09	5.18	5.60
North Dakota .....	4.43	4.50	4.73	4.67	4.50	4.12	3.81	3.77
Ohio .....	5.08	5.36	5.30	5.39	5.37	4.89	4.94	4.81
Oklahoma .....	4.34	4.40	4.53	4.62	4.55	4.61	4.65	4.68
Oregon .....	5.43	5.57	5.57	5.48	5.06	5.11	5.26	5.24
Pennsylvania .....	6.23	7.06	7.13	7.09	7.11	6.77	6.54	6.38
Rhode Island .....	6.28	5.92	6.25	5.95	6.43	6.00	7.15	4.82
South Carolina .....	5.77	5.70	5.74	5.83	6.03	5.90	6.53	6.57
South Dakota .....	3.67	5.00	6.22	5.82	5.16	4.26	3.68	3.74
Tennessee .....	5.03	5.15	5.07	5.36	5.05	4.84	4.88	5.06
Texas .....	4.09	4.06	3.61	3.72	4.02	4.08	4.03	4.40
Utah .....	3.24	3.40	3.52	3.49	3.42	3.26	3.16	3.88
Vermont .....	NA	5.44	5.68	5.22	5.79	5.66	5.50	5.50
Virginia .....	5.27	5.23	5.14	5.48	5.45	5.13	4.99	5.01
Washington .....	4.95	4.91	4.95	5.05	4.85	5.04	5.06	5.17
West Virginia .....	5.88	5.97	5.98	6.27	6.40	6.40	5.80	5.90
Wisconsin .....	3.72	4.24	3.96	4.17	3.92	4.30	4.55	4.57
Wyoming .....	4.07	NA	4.10	4.17	4.33	4.38	4.38	4.39
<b>Total</b> .....	4.78	4.97	4.93	5.02	5.11	5.00	5.03	5.08

See footnotes at end of table.

**Table 21. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1994-1996**

(Dollars per Thousand Cubic Feet) — Continued

State	1995		1994					
	February	January	Total	December	November	October	September	August
Alabama .....	5.65	5.87	6.38	6.38	6.56	6.58	6.68	6.65
Alaska .....	2.53	2.57	2.48	2.56	2.46	2.35	2.31	2.22
Arizona .....	5.41	5.35	5.27	5.34	5.43	5.50	5.45	5.41
Arkansas .....	3.90	4.19	4.58	4.13	4.32	4.65	4.37	5.54
California .....	6.73	7.11	7.12	6.83	6.02	5.68	7.19	7.45
Colorado .....	4.13	4.12	4.37	4.28	4.43	4.75	4.61	4.72
Connecticut .....	7.43	7.45	7.39	7.38	7.32	7.04	8.02	6.92
Delaware .....	5.59	5.68	6.17	5.95	6.20	6.48	6.65	6.63
District of Columbia .....	6.14	5.82	6.16	6.02	5.92	5.96	5.78	5.06
Florida .....	5.03	5.20	5.54	5.36	5.35	5.32	5.38	5.44
Georgia .....	5.48	5.84	6.18	6.13	6.42	5.99	4.69	6.07
Hawaii .....	12.55	12.53	12.40	12.45	12.39	12.89	12.40	12.37
Idaho .....	4.86	4.72	5.01	4.74	5.04	5.05	5.28	5.35
Illinois .....	4.44	4.39	5.12	4.63	4.33	4.81	5.77	6.20
Indiana .....	4.58	4.55	5.33	4.68	4.42	4.82	5.93	6.22
Iowa .....	3.93	3.82	4.51	4.17	3.93	4.28	5.72	4.54
Kansas .....	4.05	4.18	4.12	3.82	3.46	3.42	3.53	3.26
Kentucky .....	4.66	4.79	4.98	4.98	5.05	5.00	5.19	5.53
Louisiana .....	4.76	5.05	5.42	5.20	5.52	5.33	5.18	5.31
Maine .....	6.68	6.71	6.97	6.74	6.86	6.50	6.56	6.76
Maryland .....	4.95	4.98	5.46	4.95	5.01	4.80	5.10	5.58
Massachusetts .....	7.46	7.49	6.82	7.29	6.96	4.61	4.63	4.39
Michigan .....	4.32	4.30	4.68	4.50	4.56	4.87	5.64	5.87
Minnesota .....	3.93	4.13	4.36	4.17	3.97	3.87	4.16	4.30
Mississippi .....	4.03	4.23	4.56	4.39	4.37	4.07	4.08	4.20
Missouri .....	4.21	4.36	4.85	4.26	4.24	4.68	4.89	5.17
Montana .....	4.96	4.85	4.91	4.80	4.86	5.12	5.42	5.56
Nebraska .....	3.97	4.08	4.24	4.07	3.95	4.04	3.79	3.69
Nevada .....	5.37	5.34	5.36	5.34	5.62	5.58	5.66	5.74
New Hampshire .....	6.85	6.86	7.17	6.94	7.19	6.27	6.43	6.67
New Jersey .....	5.56	6.20	6.03	6.12	6.66	5.40	5.24	5.47
New Mexico .....	4.02	4.04	4.41	3.81	2.98	3.06	4.27	4.36
New York .....	6.07	5.99	6.51	6.23	6.02	5.84	6.01	5.86
North Carolina .....	5.17	5.46	5.56	5.49	5.88	5.32	5.35	5.39
North Dakota .....	3.80	3.85	4.48	3.92	3.97	4.32	4.95	5.04
Ohio .....	4.82	5.36	5.38	5.43	5.49	5.63	5.71	5.94
Oklahoma .....	4.54	4.67	4.72	4.78	4.88	4.88	4.65	4.93
Oregon .....	5.25	5.23	5.51	5.34	5.37	5.51	5.80	6.04
Pennsylvania .....	6.54	6.41	6.50	6.50	6.47	6.49	6.69	6.67
Rhode Island .....	4.03	3.74	7.57	7.01	6.41	6.77	7.83	6.09
South Carolina .....	6.57	6.61	6.11	6.54	6.60	5.60	5.75	5.61
South Dakota .....	3.73	3.72	4.35	3.74	3.74	4.17	5.41	5.03
Tennessee .....	4.86	5.17	5.56	5.32	5.53	5.28	5.21	5.56
Texas .....	4.54	4.67	4.33	4.42	4.42	4.51	4.32	3.91
Utah .....	3.77	3.72	3.84	3.60	3.96	3.42	3.64	3.71
Vermont .....	5.52	5.44	5.60	5.44	5.28	5.36	5.59	2.86
Virginia .....	5.44	5.30	5.67	5.27	5.58	5.75	5.85	5.90
Washington .....	5.02	5.04	4.90	5.06	4.98	4.78	5.05	5.16
West Virginia .....	5.95	5.94	5.91	5.85	6.43	6.72	7.50	7.59
Wisconsin .....	4.60	4.78	4.90	4.67	4.48	3.93	4.13	4.38
Wyoming .....	4.35	4.58	4.45	4.34	4.44	4.49	4.61	4.72
<b>Total</b> .....	5.09	5.20	5.44	5.24	5.19	5.10	5.36	5.31

NA = Not Available.

Notes: Data for 1994 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 24 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries. Source: Form EIA-857.

**Table 22. Average Price of Natural Gas Sold to Industrial Consumers, by State,  
1994-1996**  
(Dollars per Thousand Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		1995		
				February	January	Total	December	November
Alabama .....	4.03	3.15	3.73	4.10	3.96	2.93	3.18	3.07
Alaska .....	1.50	1.51	1.39	1.50	1.50	1.53	1.50	1.51
Arizona .....	3.92	4.29	4.10	3.94	3.91	3.82	4.69	4.00
Arkansas .....	3.02	3.02	3.23	2.95	3.09	2.75	2.96	2.81
California .....	3.93	4.13	3.30	3.89	3.99	3.62	4.04	3.89
Colorado .....	NA	2.04	1.35	1.72	NA	1.95	1.85	1.82
Connecticut .....	6.04	5.23	5.37	5.68	6.52	4.32	5.38	4.39
Delaware .....	3.96	3.53	4.39	4.15	3.79	3.06	3.93	3.00
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	4.34	3.13	3.84	4.57	4.16	3.24	3.54	3.39
Georgia .....	4.65	3.79	4.82	4.80	3.91	3.38	3.92	3.39
Hawaii .....	—	—	—	—	—	—	—	—
Idaho <sup>a</sup> .....	3.31	3.87	4.16	3.17	3.47	3.67	3.93	3.82
Illinois .....	3.75	3.96	4.76	3.84	3.67	3.52	3.27	3.18
Indiana .....	NA	2.36	4.74	3.53	NA	2.88	2.99	2.77
Iowa .....	3.27	3.09	3.72	3.38	3.20	3.21	3.12	3.04
Kansas .....	2.49	2.14	3.29	2.47	2.51	2.03	2.27	2.12
Kentucky .....	3.77	3.59	3.94	3.74	3.79	3.29	3.45	3.22
Louisiana .....	2.58	1.78	2.49	2.74	2.53	1.79	2.19	1.83
Maine .....	6.04	5.74	6.32	6.50	5.60	4.46	5.43	4.54
Maryland .....	NA	2.93	4.35	NA	4.17	3.53	4.80	4.27
Massachusetts .....	6.91	6.06	7.09	7.00	6.83	4.55	5.67	5.01
Michigan .....	4.05	4.05	3.80	4.05	4.04	4.05	3.99	4.04
Minnesota .....	3.05	2.97	3.20	3.16	2.99	2.52	2.75	2.74
Mississippi .....	3.49	2.67	3.24	3.19	3.75	2.62	2.89	2.72
Missouri .....	4.46	3.74	4.60	4.58	4.32	3.45	3.33	3.64
Montana .....	4.83	4.85	4.76	4.72	4.94	4.92	4.91	4.93
Nebraska .....	3.20	2.92	3.58	3.20	3.20	2.73	2.85	2.32
Nevada .....	4.95	5.50	5.67	4.98	4.93	5.34	4.92	5.15
New Hampshire .....	5.63	6.21	7.09	6.08	5.23	3.80	4.97	3.79
New Jersey .....	4.45	3.44	4.25	4.83	4.11	3.12	3.52	3.14
New Mexico .....	2.67	4.90	4.36	3.43	2.41	3.38	2.71	2.64
New York .....	5.27	4.90	5.67	5.54	5.02	4.49	4.76	4.48
North Carolina .....	4.67	3.82	4.39	5.02	4.42	3.38	3.90	3.54
North Dakota .....	3.40	NA	3.67	3.34	3.44	NA	3.17	2.10
Ohio .....	4.26	4.84	4.64	4.14	4.40	4.45	4.34	4.53
Oklahoma .....	2.87	2.33	2.29	2.87	2.86	2.21	2.56	2.44
Oregon .....	3.27	3.47	3.63	3.25	3.47	3.40	3.25	3.38
Pennsylvania .....	4.40	4.29	4.57	4.37	4.42	4.30	3.93	3.71
Rhode Island .....	NA	NA	6.87	5.40	NA	NA	NA	3.32
South Carolina .....	4.29	3.55	3.96	4.24	4.34	3.06	3.58	3.21
South Dakota .....	2.46	3.27	3.63	3.28	1.88	3.43	3.20	2.76
Tennessee .....	3.76	3.66	4.20	4.29	3.31	3.13	3.10	2.90
Texas .....	NA	1.96	2.20	NA	2.41	1.88	2.33	1.93
Utah .....	2.00	2.63	3.96	1.75	2.26	2.39	2.36	2.25
Vermont .....	3.54	3.46	3.59	3.62	3.45	3.37	2.96	3.25
Virginia .....	4.41	4.35	3.06	4.61	4.22	3.35	3.28	2.86
Washington .....	2.49	NA	3.15	2.57	2.41	NA	2.96	2.82
West Virginia .....	2.67	2.71	3.43	2.93	2.44	2.62	2.89	2.92
Wisconsin .....	3.84	3.53	3.97	3.72	3.95	3.15	3.89	3.23
Wyoming .....	NA	NA	3.54	NA	NA	NA	NA	NA
<b>Total</b> .....	<b>3.43</b>	<b>2.94</b>	<b>3.44</b>	<b>3.53</b>	<b>3.32</b>	<b>2.66</b>	<b>3.06</b>	<b>2.70</b>

See footnotes at end of table.

**Table 22. Average Price of Natural Gas Sold to Industrial Consumers, by State, 1994-1996**

(Dollars per Thousand Cubic Feet) — Continued

State	1995							
	October	September	August	July	June	May	April	March
Alabama .....	2.73	2.65	2.55	2.57	2.93	3.04	2.91	3.01
Alaska .....	1.52	1.51	1.53	1.56	1.55	1.53	1.54	1.52
Arizona .....	3.96	3.98	4.18	3.99	3.37	3.37	3.16	3.41
Arkansas .....	2.50	2.36	2.45	2.76	2.73	2.74	2.77	2.76
California .....	3.60	3.70	3.28	3.19	3.25	3.26	3.38	3.73
Colorado .....	1.69	1.78	1.92	1.93	2.19	2.02	2.03	2.07
Connecticut .....	3.77	3.71	3.70	3.64	3.74	3.92	4.45	4.38
Delaware .....	2.96	2.85	2.70	2.87	2.92	2.81	2.94	3.32
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	3.32	3.29	3.12	3.27	3.28	3.24	3.17	3.09
Georgia .....	3.34	3.19	2.98	2.89	3.20	3.26	3.15	3.61
Hawaii .....	—	—	—	—	—	—	—	—
Idaho <sup>a</sup> .....	3.34	2.79	3.51	3.68	3.79	3.65	3.79	3.84
Illinois .....	3.34	3.55	3.75	3.94	2.64	2.95	3.44	3.83
Indiana .....	2.80	3.01	2.89	3.21	3.37	3.56	3.35	3.67
Iowa .....	3.18	3.49	3.76	3.82	3.11	3.24	2.89	3.34
Kansas .....	2.01	2.03	1.88	1.88	2.03	2.05	1.94	1.96
Kentucky .....	3.15	3.07	2.89	3.20	3.18	3.28	3.18	3.33
Louisiana .....	1.79	1.66	1.63	1.82	1.85	1.79	1.68	1.63
Maine .....	3.74	3.70	3.79	3.80	3.77	3.62	4.49	5.58
Maryland .....	2.86	3.27	3.32	3.70	3.36	4.02	3.99	3.72
Massachusetts .....	3.91	3.62	3.21	3.32	2.05	4.09	5.47	5.69
Michigan .....	4.13	4.26	4.44	4.47	4.27	4.11	3.88	3.90
Minnesota .....	2.44	2.16	2.24	2.14	2.10	2.26	2.35	2.90
Mississippi .....	2.55	2.53	2.45	2.51	2.70	2.53	2.60	2.51
Missouri .....	3.08	3.18	3.21	3.34	3.37	3.14	3.36	3.47
Montana .....	5.03	5.04	5.12	5.07	5.03	4.90	4.87	4.84
Nebraska .....	2.49	2.74	2.90	2.63	2.58	2.67	2.67	2.90
Nevada .....	5.23	5.29	5.30	5.33	5.41	5.51	5.42	5.43
New Hampshire .....	2.99	2.94	2.82	2.92	3.22	3.11	3.52	4.13
New Jersey .....	2.84	2.84	2.85	2.89	2.86	2.88	2.98	3.49
New Mexico .....	2.46	2.78	2.94	4.06	5.26	9.34	4.42	5.73
New York .....	4.02	3.84	3.77	3.92	4.16	4.26	4.63	4.87
North Carolina .....	3.01	3.20	3.06	3.09	2.93	2.91	2.96	3.40
North Dakota .....	NA	2.68	2.67	2.78	2.75	2.79	2.77	2.77
Ohio .....	3.82	4.32	4.30	4.10	4.04	3.91	4.49	4.34
Oklahoma .....	1.87	1.77	1.99	1.77	1.93	2.08	2.50	2.50
Oregon .....	3.28	3.43	3.37	3.50	3.44	3.46	3.38	3.41
Pennsylvania .....	3.91	10.29	3.63	3.85	3.92	3.94	3.66	3.84
Rhode Island .....	3.84	3.53	3.38	3.62	3.48	3.64	4.67	5.37
South Carolina .....	2.91	2.83	2.83	2.93	2.87	2.89	2.88	2.99
South Dakota .....	4.05	4.26	5.45	5.07	3.84	3.28	2.92	3.20
Tennessee .....	2.97	2.91	3.13	3.07	2.86	3.04	3.09	3.10
Texas .....	1.86	1.81	1.74	1.72	1.88	1.88	1.80	1.76
Utah .....	2.08	2.13	2.07	2.10	2.41	2.44	2.54	2.61
Vermont .....	3.32	3.69	3.40	3.65	3.37	3.31	3.38	3.47
Virginia .....	4.23	2.48	1.63	2.71	3.77	3.63	3.69	3.92
Washington .....	NA	NA	2.32	2.58	2.70	2.87	2.64	2.66
West Virginia .....	2.61	2.43	2.32	2.47	2.57	2.49	2.55	2.51
Wisconsin .....	2.68	2.75	2.58	2.43	2.86	2.83	3.07	3.28
Wyoming .....	3.04	NA	3.01	2.98	3.22	3.18	3.43	3.49
<b>Total</b> .....	<b>2.49</b>	<b>2.51</b>	<b>2.34</b>	<b>2.38</b>	<b>2.44</b>	<b>2.52</b>	<b>2.58</b>	<b>2.75</b>

See footnotes at end of table.

**Table 22. Average Price of Natural Gas Sold to Industrial Consumers, by State,  
1994-1996**

(Dollars per Thousand Cubic Feet) — Continued

State	1995		1994					
	February	January	Total	December	November	October	September	August
Alabama .....	3.13	3.16	3.26	3.13	3.07	2.75	2.96	3.05
Alaska .....	1.52	1.51	1.42	1.49	1.44	1.44	1.44	1.44
Arizona .....	4.28	4.29	3.57	4.65	3.45	3.14	3.41	3.23
Arkansas .....	2.84	3.19	3.28	3.44	3.22	3.21	3.21	3.21
California .....	3.84	4.41	3.25	4.05	4.56	2.61	2.86	2.41
Colorado .....	1.90	2.16	2.38	1.18	1.20	1.03	1.12	1.10
Connecticut .....	5.21	5.26	4.49	4.76	4.25	3.76	3.76	3.77
Delaware .....	3.63	3.43	3.43	3.31	3.11	2.88	3.06	3.33
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	3.11	3.14	3.51	3.24	3.19	3.20	3.34	3.45
Georgia .....	3.88	3.73	3.90	3.84	3.77	3.41	3.48	3.59
Hawaii .....	—	—	—	—	—	—	—	—
Idaho <sup>a</sup> .....	3.91	3.81	3.85	3.95	3.15	3.96	3.61	3.56
Illinois .....	3.98	3.94	4.39	4.11	3.19	3.23	4.08	4.75
Indiana .....	3.81	1.74	4.60	4.12	3.72	3.77	4.45	5.30
Iowa .....	2.97	3.19	3.99	3.74	2.82	3.14	4.77	6.98
Kansas .....	2.09	2.18	2.75	2.56	2.35	1.96	2.46	2.94
Kentucky .....	3.47	3.71	3.64	3.64	3.48	3.29	3.26	3.58
Louisiana .....	1.72	1.85	2.17	1.88	1.75	1.70	1.91	2.14
Maine .....	5.74	5.73	4.79	5.24	4.38	3.95	4.03	4.00
Maryland .....	2.69	3.35	4.04	3.02	3.17	3.49	3.09	3.39
Massachusetts .....	5.85	6.30	5.25	6.15	5.07	3.82	3.80	3.80
Michigan .....	4.14	3.97	3.93	3.86	3.87	3.95	4.77	4.50
Minnesota .....	2.87	3.04	2.87	2.67	2.84	2.80	2.41	2.43
Mississippi .....	2.59	2.74	2.98	2.81	2.81	2.61	2.68	2.90
Missouri .....	3.69	3.78	4.18	3.69	3.46	3.59	3.79	3.88
Montana .....	4.83	4.86	4.91	4.93	4.94	5.03	5.09	5.07
Nebraska .....	2.89	2.95	3.12	2.95	2.81	2.53	2.71	2.69
Nevada .....	5.59	5.41	5.67	5.71	5.85	5.60	5.71	5.64
New Hampshire .....	6.52	5.98	4.44	4.88	3.86	3.18	3.43	3.34
New Jersey .....	3.29	3.59	3.64	3.85	3.64	2.93	2.88	3.02
New Mexico .....	6.35	4.59	3.39	3.16	2.70	2.70	3.08	3.03
New York .....	4.89	4.91	5.22	4.94	4.53	4.22	4.14	4.04
North Carolina .....	3.83	3.81	3.68	3.73	3.42	3.22	3.27	3.33
North Dakota .....	2.90	3.07	3.31	2.78	3.15	3.05	3.19	3.12
Ohio .....	4.70	4.99	4.45	4.49	4.30	4.18	4.29	4.16
Oklahoma .....	2.09	2.58	2.14	2.33	2.71	1.69	1.83	1.89
Oregon .....	3.48	3.47	3.61	3.60	3.74	3.68	3.69	3.66
Pennsylvania .....	4.54	4.06	4.01	3.82	3.61	3.72	3.68	3.63
Rhode Island .....	7.10	6.51	4.43	4.40	3.95	3.46	3.81	3.83
South Carolina .....	2.76	4.33	3.32	3.52	3.32	3.19	2.98	3.11
South Dakota .....	3.15	3.39	3.72	3.48	3.30	3.59	4.55	4.51
Tennessee .....	3.74	3.59	3.84	3.46	3.53	3.59	3.55	3.52
Texas .....	1.99	1.93	2.20	1.91	1.87	1.62	1.68	1.90
Utah .....	2.63	2.63	2.74	2.03	2.57	2.42	2.50	2.48
Vermont .....	3.56	3.38	3.47	3.44	3.32	3.36	3.10	3.58
Virginia .....	4.43	4.29	3.15	3.20	3.58	3.63	3.83	3.62
Washington .....	2.79	2.93	2.95	3.08	2.97	2.78	2.77	2.72
West Virginia .....	2.66	2.76	2.93	2.77	2.70	2.51	2.56	2.41
Wisconsin .....	3.48	3.57	3.36	3.44	3.22	2.56	2.47	2.72
Wyoming .....	3.37	3.33	3.51	3.64	3.52	3.50	3.49	3.34
<b>Total</b> .....	2.95	2.94	3.05	2.99	2.86	2.50	2.55	2.67

NA = Not Available.

— = Not Applicable.

Notes: Data for 1994 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 24 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857.

**Table 23. Average Price of Natural Gas Delivered to Electric Utility<sup>a</sup> Consumers, by State, 1994-1996**  
(Dollars per Thousand Cubic Feet)

State	1996	1995						
	January	Total	December	November	October	September	August	July
Alabama .....	3.71	2.01	2.68	2.19	2.02	1.94	1.75	1.86
Alaska .....	1.99	<sup>R</sup> 2.14	<sup>R</sup> 2.03	<sup>R</sup> 2.13	<sup>R</sup> 2.18	<sup>R</sup> 2.16	<sup>R</sup> 2.21	<sup>R</sup> 2.17
Arizona .....	2.71	<sup>R</sup> 1.77	2.35	1.94	1.84	<sup>R</sup> 1.92	<sup>R</sup> 1.59	<sup>R</sup> 1.63
Arkansas .....	2.02	1.74	2.68	1.80	1.83	1.68	1.63	1.62
California .....	2.69	2.28	<sup>R</sup> 2.57	2.32	2.37	<sup>R</sup> 2.08	2.02	2.18
Colorado .....	1.80	1.74	1.90	1.73	1.82	1.90	1.72	1.48
Connecticut .....	—	—	—	2.10	1.85	1.80	1.82	1.95
Delaware .....	4.63	2.34	3.70	2.64	2.13	2.06	2.00	2.00
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	3.87	<sup>R</sup> 2.26	3.07	2.43	2.29	<sup>R</sup> 2.22	<sup>R</sup> 2.11	2.20
Georgia .....	7.30	2.79	4.55	3.67	3.14	3.06	2.76	2.62
Hawaii .....	—	—	—	—	—	—	—	—
Idaho .....	—	—	—	—	—	—	—	—
Illinois .....	3.19	1.71	2.48	2.04	1.78	1.68	1.59	1.53
Indiana .....	3.38	2.49	3.01	2.72	2.78	2.49	2.31	2.36
Iowa .....	3.36	2.72	2.94	3.02	2.73	2.71	2.52	2.38
Kansas .....	2.28	1.58	2.06	1.58	<sup>R</sup> 1.50	1.57	1.49	1.43
Kentucky .....	3.96	3.01	3.14	2.57	2.87	2.50	2.42	2.54
Louisiana .....	3.72	1.88	2.72	2.08	1.93	1.85	1.67	1.78
Maine .....	—	—	—	—	—	—	—	—
Maryland .....	6.01	2.24	5.16	2.80	2.51	2.03	2.10	2.16
Massachusetts .....	6.47	<sup>R</sup> 2.06	3.92	2.59	2.02	1.93	1.81	<sup>R</sup> 1.88
Michigan .....	0.65	0.73	0.61	0.71	0.43	0.77	1.09	0.79
Minnesota .....	2.10	1.77	2.11	2.19	1.60	1.67	1.69	1.65
Mississippi .....	3.72	1.78	2.76	1.97	1.90	1.73	1.60	1.64
Missouri .....	2.90	1.69	2.38	2.10	1.88	1.91	1.71	1.63
Montana .....	1.86	3.84	3.84	1.40	7.42	2.07	1.55	7.37
Nebraska .....	1.96	<sup>R</sup> 1.65	1.91	1.67	1.50	<sup>R</sup> 1.51	1.54	1.50
Nevada .....	1.99	1.71	2.02	1.80	1.82	1.75	1.53	1.56
New Hampshire .....	—	—	—	—	1.93	1.81	1.71	1.79
New Jersey .....	2.76	2.18	3.12	2.63	2.26	2.12	2.09	2.03
New Mexico .....	2.11	1.57	1.83	1.74	1.66	1.64	1.44	1.42
New York .....	4.49	2.13	3.10	2.58	2.03	1.93	1.89	1.94
North Carolina .....	3.07	—	—	3.04	2.07	2.00	2.45	2.43
North Dakota .....	3.58	3.71	3.58	3.59	—	4.07	—	3.95
Ohio .....	3.94	2.34	3.04	2.28	2.66	2.16	2.38	2.09
Oklahoma .....	3.13	2.34	2.88	2.78	2.95	2.16	2.07	2.09
Oregon .....	—	1.31	1.53	1.73	1.42	1.01	0.94	0.93
Pennsylvania .....	3.47	2.04	2.63	2.72	1.90	1.80	1.77	1.99
Rhode Island .....	2.38	1.90	2.06	1.70	1.76	2.05	2.00	—
South Carolina .....	4.23	1.64	3.70	3.55	1.55	1.59	1.56	1.90
South Dakota .....	—	1.58	2.39	2.02	—	1.64	1.37	1.43
Tennessee .....	—	—	—	—	—	—	—	—
Texas .....	2.56	1.93	2.42	2.09	1.96	1.89	1.79	1.85
Utah .....	—	—	—	2.40	1.80	1.52	1.43	3.65
Vermont .....	3.06	1.95	1.96	1.85	2.13	2.31	2.29	2.33
Virginia .....	2.41	2.67	3.32	2.44	2.58	2.36	2.24	3.12
Washington .....	4.98	4.60	4.21	3.99	5.97	3.54	4.37	4.37
West Virginia .....	5.00	3.58	3.09	4.92	2.57	3.30	1.86	3.68
Wisconsin .....	3.02	2.23	<sup>R</sup> 2.65	2.51	2.30	<sup>R</sup> 2.37	2.06	1.89
Wyoming .....	—	8.32	16.25	12.28	4.15	4.56	14.93	3.25
<b>Total .....</b>	<b>2.91</b>	<b><sup>R</sup>2.03</b>	<b><sup>R</sup>2.59</b>	<b><sup>R</sup>2.23</b>	<b><sup>R</sup>2.10</b>	<b><sup>R</sup>1.95</b>	<b><sup>R</sup>1.85</b>	<b><sup>R</sup>1.91</b>

See footnotes at end of table.

**Table 23. Average Price of Natural Gas Delivered to Electric Utility<sup>a</sup> Consumers, by State, 1994-1996**

(Dollars per Thousand Cubic Feet) — Continued

State	1995						1994	
	June	May	April	March	February	January	Total	December
Alabama .....	2.07	2.05	1.95	1.84	1.97	2.19	2.37	2.23
Alaska .....	<sup>R</sup> 2.30	<sup>R</sup> 2.08	<sup>R</sup> 2.03	<sup>R</sup> 2.15	<sup>R</sup> 2.17	<sup>R</sup> 2.14	0.72	0.70
Arizona .....	2.31	2.48	1.56	1.71	1.68	1.67	2.23	2.19
Arkansas .....	2.01	1.88	1.63	1.41	1.41	1.52	1.87	1.60
California .....	2.56	2.45	2.28	2.36	2.37	2.43	2.56	2.30
Colorado .....	1.91	1.79	1.68	1.61	1.60	1.76	2.21	2.10
Connecticut .....	2.11	2.10	2.07	1.99	2.04	2.31	1.99	2.22
Delaware .....	2.40	2.42	2.18	2.19	2.52	2.55	2.43	2.49
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	2.39	2.36	2.16	1.96	<sup>R</sup> 2.00	1.94	2.18	2.35
Georgia .....	2.78	2.92	2.99	3.00	3.80	7.97	3.29	4.24
Hawaii .....	—	—	—	—	—	—	—	—
Idaho .....	—	—	—	—	—	—	—	—
Illinois .....	1.64	1.71	1.64	1.51	1.55	1.64	2.04	1.83
Indiana .....	2.38	2.33	2.88	2.31	2.48	2.52	2.72	2.48
Iowa .....	2.61	3.31	2.73	3.01	3.04	2.89	3.18	2.95
Kansas .....	1.70	1.85	1.64	1.51	1.62	1.82	1.89	2.00
Kentucky .....	2.90	4.08	3.89	2.95	2.37	2.63	2.93	2.87
Louisiana .....	1.95	<sup>R</sup> 1.91	1.78	1.69	1.76	1.88	2.17	1.96
Maine .....	—	—	—	—	—	—	—	—
Maryland .....	2.38	2.64	2.64	2.54	2.35	2.76	2.57	2.69
Massachusetts .....	<sup>R</sup> 1.97	2.09	2.07	2.00	2.27	2.74	2.32	2.15
Michigan .....	0.48	0.48	0.55	0.86	0.99	0.64	0.97	0.45
Minnesota .....	1.72	1.78	1.62	1.74	1.97	2.10	2.14	2.08
Mississippi .....	1.85	1.84	1.74	1.59	1.60	1.78	1.98	1.87
Missouri .....	1.62	1.62	1.56	1.43	1.48	1.85	1.90	2.12
Montana .....	2.30	4.66	25.80	12.45	37.93	6.70	1.21	3.25
Nebraska .....	1.96	1.94	1.60	1.90	1.90	2.09	2.02	1.93
Nevada .....	1.77	1.80	1.85	1.51	1.57	1.89	1.99	1.92
New Hampshire .....	1.98	1.98	1.98	—	—	1.85	2.13	1.97
New Jersey .....	2.54	2.44	1.90	1.74	1.72	1.96	2.17	1.91
New Mexico .....	1.53	1.57	1.50	1.44	1.48	1.84	1.99	1.95
New York .....	2.12	2.20	<sup>R</sup> 2.14	2.08	2.20	2.40	2.30	2.35
North Carolina .....	2.16	2.17	2.50	2.89	3.42	—	3.38	3.52
North Dakota .....	3.89	—	3.77	3.68	3.68	3.64	4.11	3.57
Ohio .....	2.13	2.18	2.47	2.28	2.16	4.03	3.85	4.98
Oklahoma .....	2.42	2.46	2.28	2.27	2.34	2.46	2.76	2.56
Oregon .....	—	1.13	1.25	1.15	1.60	1.54	1.85	1.88
Pennsylvania .....	2.05	2.29	1.86	2.38	2.54	2.52	2.36	2.54
Rhode Island .....	1.93	—	—	—	—	—	2.29	—
South Carolina .....	1.96	2.50	2.73	1.43	3.83	3.42	1.71	1.51
South Dakota .....	2.13	—	—	—	—	—	2.65	—
Tennessee .....	—	—	—	—	—	—	—	—
Texas .....	1.93	1.92	1.86	1.85	1.92	2.06	2.20	2.13
Utah .....	6.27	2.69	2.70	2.63	2.71	2.66	2.42	2.59
Vermont .....	2.31	2.31	2.23	1.86	1.90	1.82	2.31	2.09
Virginia .....	7.84	2.41	2.60	2.57	2.70	2.83	2.66	2.67
Washington .....	3.87	5.83	29.07	6.51	4.28	4.49	4.95	8.64
West Virginia .....	3.89	4.08	4.09	3.52	3.51	3.63	4.00	3.90
Wisconsin .....	2.17	<sup>R</sup> 2.25	2.22	2.18	2.42	<sup>R</sup> 2.30	2.66	2.55
Wyoming .....	15.69	11.58	10.51	5.93	16.27	7.69	5.80	5.54
<b>Total</b> .....	<sup>R</sup> 2.07	<sup>R</sup> 2.06	<sup>R</sup> 1.98	<sup>R</sup> 1.93	<sup>R</sup> 2.01	<sup>R</sup> 2.15	2.28	2.17

See footnotes at end of table.

**Table 23. Average Price of Natural Gas Delivered to Electric Utility<sup>a</sup> Consumers, by State, 1994-1996**

(Dollars per Thousand Cubic Feet) — Continued

State	1994							
	November	October	September	August	July	June	May	April
Alabama .....	2.16	2.10	1.94	2.24	2.33	2.17	2.48	2.54
Alaska .....	0.70	0.71	0.72	0.72	0.72	0.72	0.73	0.72
Arizona .....	2.07	1.81	2.07	2.09	2.25	2.15	2.70	2.51
Arkansas .....	1.56	1.43	1.59	1.95	2.06	2.03	1.98	2.06
California .....	2.44	2.38	2.40	2.32	2.42	2.48	2.79	2.70
Colorado .....	1.92	1.83	1.96	2.73	2.04	2.18	2.30	2.28
Connecticut .....	2.03	1.64	1.71	2.03	2.37	2.74	12.64	—
Delaware .....	2.25	1.75	1.93	2.37	2.47	2.35	2.76	2.84
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	2.01	1.82	1.77	2.00	2.25	2.08	2.76	2.27
Georgia .....	5.18	2.83	2.96	2.81	3.28	3.17	4.62	3.79
Hawaii .....	—	—	—	—	—	—	—	—
Idaho .....	—	—	—	—	—	—	—	—
Illinois .....	1.72	1.59	1.63	1.88	2.01	2.18	2.13	2.23
Indiana .....	2.29	2.05	2.03	2.31	2.42	2.44	2.91	2.62
Iowa .....	2.86	2.75	3.03	2.73	2.65	3.11	3.84	3.81
Kansas .....	1.80	1.40	1.71	1.78	1.92	1.88	2.07	1.98
Kentucky .....	2.91	2.45	2.39	2.63	2.76	2.82	3.51	3.44
Louisiana .....	1.88	1.72	1.73	2.08	2.28	2.21	2.39	2.37
Maine .....	—	—	—	—	—	—	—	—
Maryland .....	2.36	2.38	2.21	2.49	2.57	2.71	3.23	3.26
Massachusetts .....	2.24	1.95	2.02	2.51	2.37	2.39	2.55	2.67
Michigan .....	0.50	1.13	0.85	0.74	1.42	1.72	1.17	1.16
Minnesota .....	2.22	1.88	2.03	2.05	2.07	2.05	2.30	2.69
Mississippi .....	1.72	1.58	1.75	1.99	2.18	2.24	2.32	2.35
Missouri .....	2.13	1.40	1.54	1.92	2.02	2.06	2.20	2.21
Montana .....	0.65	2.40	0.35	0.65	1.99	2.48	0.90	3.42
Nebraska .....	1.86	1.51	2.03	2.11	2.12	1.86	1.93	2.10
Nevada .....	1.96	1.54	1.69	1.93	1.94	2.14	2.11	2.22
New Hampshire .....	1.90	1.62	1.74	2.06	2.27	2.35	2.16	—
New Jersey .....	1.88	1.70	1.72	2.16	2.30	2.24	2.52	2.39
New Mexico .....	1.79	1.55	1.74	1.94	2.00	1.89	2.10	2.11
New York .....	2.19	1.95	2.00	2.22	2.35	2.35	2.47	2.56
North Carolina .....	3.52	2.74	2.47	2.49	2.49	2.46	3.02	3.25
North Dakota .....	3.64	—	—	4.21	4.16	4.11	4.13	4.61
Ohio .....	4.38	4.06	4.80	3.03	4.29	4.24	3.96	3.48
Oklahoma .....	2.55	2.64	2.43	2.58	2.50	2.66	2.89	3.32
Oregon .....	1.77	1.61	1.46	1.70	1.73	1.91	—	1.85
Pennsylvania .....	2.19	1.99	1.92	2.21	2.51	2.53	3.26	3.10
Rhode Island .....	—	—	—	1.88	2.06	2.09	1.94	2.16
South Carolina .....	1.61	1.53	2.32	3.44	3.94	3.68	3.93	3.09
South Dakota .....	—	—	—	—	2.89	2.59	—	—
Tennessee .....	—	—	—	—	—	—	—	—
Texas .....	2.02	1.85	1.93	2.04	2.22	2.16	2.30	2.30
Utah .....	2.62	2.20	2.18	2.24	2.62	2.46	2.48	1.93
Vermont .....	2.08	2.05	1.92	2.43	2.24	2.93	1.87	2.16
Virginia .....	2.24	1.96	2.10	2.41	2.68	2.60	2.95	3.41
Washington .....	4.77	6.41	4.47	10.65	5.07	4.69	7.30	4.21
West Virginia .....	3.61	3.99	3.97	3.75	4.20	4.40	4.15	3.75
Wisconsin .....	2.23	2.10	2.15	2.34	2.48	2.41	2.68	2.83
Wyoming .....	43.55	5.55	10.65	6.72	3.99	6.89	3.80	3.80
<b>Total .....</b>	<b>2.10</b>	<b>1.95</b>	<b>2.00</b>	<b>2.16</b>	<b>2.27</b>	<b>2.25</b>	<b>2.46</b>	<b>2.44</b>

<sup>a</sup> Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

<sup>R</sup> = Revised Data.

— = Not Applicable.

Notes: Data for 1994 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 FERC-423 and Form EIA-176.

**Table 24. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1994-1996**

State	YTD 1996		YTD 1995		YTD 1994		1996	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	February	
							Commercial	Industrial
Alabama .....	83.6	17.5	79.9	20.8	86.9	30.6	85.6	18.5
Alaska .....	77.6	97.4	91.4	91.5	100.0	66.4	81.0	98.4
Arizona .....	89.8	25.6	92.1	25.2	93.4	17.2	90.1	26.9
Arkansas .....	96.6	16.0	98.0	15.9	94.9	15.5	96.9	16.5
California .....	56.1	12.4	59.9	16.3	49.3	23.4	58.8	15.3
Colorado .....	NA	NA	95.7	22.0	96.0	29.6	96.2	17.6
Connecticut .....	93.3	94.9	87.4	89.5	89.9	98.3	93.2	98.2
Delaware .....	100.0	58.0	100.0	64.1	100.0	69.7	100.0	57.6
District of Columbia .....	82.1	—	84.2	—	99.8	—	83.8	—
Florida .....	98.0	14.4	96.8	12.1	97.4	17.5	97.1	11.7
Georgia .....	98.8	25.8	96.3	39.3	96.1	45.3	97.9	33.0
Hawaii .....	100.0	—	100.0	—	100.0	—	100.0	—
Idaho .....	89.4	1.2	89.4	2.2	88.1	2.7	90.1	1.3
Illinois .....	58.7	15.8	53.3	14.0	59.5	19.3	59.3	16.3
Indiana .....	NA	NA	89.3	23.9	95.7	21.4	96.8	25.6
Iowa .....	90.9	9.6	81.8	12.0	93.6	14.5	91.6	8.1
Kansas .....	NA	13.4	74.9	13.9	83.8	4.7	78.9	14.3
Kentucky .....	91.6	31.7	90.3	23.8	94.6	40.1	94.4	32.4
Louisiana .....	98.6	18.9	97.9	33.1	97.9	22.2	97.6	9.1
Maine .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland .....	NA	NA	98.2	19.1	98.2	29.4	NA	NA
Massachusetts .....	83.8	32.6	88.1	31.5	76.8	27.1	83.2	49.6
Michigan .....	71.4	10.7	70.8	10.9	72.6	17.1	70.5	13.7
Minnesota .....	95.9	33.5	93.1	28.4	97.4	61.5	95.8	27.5
Mississippi .....	97.8	42.9	92.5	42.4	97.4	41.5	97.8	38.7
Missouri .....	88.5	29.3	86.7	28.3	88.0	28.7	89.8	33.0
Montana .....	92.8	4.9	92.8	3.7	92.9	5.6	93.5	5.5
Nebraska .....	NA	30.4	NA	26.3	88.5	34.7	NA	29.5
Nevada .....	80.4	2.2	82.8	2.4	91.6	2.7	81.1	10.0
New Hampshire .....	99.3	62.6	99.8	60.3	100.0	100.0	99.3	61.1
New Jersey .....	79.5	49.8	92.4	55.3	95.6	73.5	79.1	35.1
New Mexico .....	66.1	1.8	59.1	0.8	67.7	8.0	60.8	0.9
New York .....	NA	22.5	80.9	16.8	83.5	25.3	NA	18.4
North Carolina .....	99.8	80.5	95.7	47.1	100.0	82.9	99.8	66.9
North Dakota .....	91.6	28.3	84.9	NA	84.6	36.8	92.9	25.0
Ohio .....	75.2	7.2	80.4	8.1	87.0	15.0	74.8	8.6
Oklahoma .....	92.3	9.5	91.2	21.1	92.3	25.3	93.2	11.1
Oregon .....	95.6	17.7	98.5	28.9	98.6	38.1	98.8	26.6
Pennsylvania .....	76.8	18.9	74.5	18.7	79.6	27.5	77.2	24.5
Rhode Island .....	NA	NA	NA	NA	100.0	5.2	99.3	84.1
South Carolina .....	100.0	81.4	97.2	76.1	100.0	67.0	100.0	81.3
South Dakota .....	88.9	37.7	91.5	38.2	92.6	46.6	87.9	32.6
Tennessee .....	96.7	38.5	94.7	34.9	97.5	51.3	96.8	38.1
Texas .....	70.6	NA	71.4	24.8	81.9	28.7	78.0	NA
Utah .....	84.8	9.7	85.6	11.8	84.5	9.1	85.6	10.0
Vermont .....	100.0	100.0	NA	100.0	100.0	100.0	100.0	100.0
Virginia .....	96.7	11.7	89.0	16.3	96.1	36.9	96.5	10.6
Washington .....	89.4	32.0	94.1	NA	97.6	48.0	89.8	31.0
West Virginia .....	69.7	26.1	55.4	12.7	66.4	16.7	62.3	16.6
Wisconsin .....	95.7	41.7	94.8	53.1	97.3	54.8	96.1	42.8
Wyoming .....	NA	NA	NA	NA	97.0	2.0	NA	NA
<b>Total</b> .....	<b>73.1</b>	<b>20.3</b>	<b>75.9</b>	<b>23.6</b>	<b>83.8</b>	<b>28.5</b>	<b>74.8</b>	<b>20.2</b>

See footnotes at end of table.

**Table 24. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1994-1996 — Continued**

State	1996		1995					
	January		Total		December		November	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	81.5	16.5	60.3	14.8	76.2	18.4	66.7	15.2
Alaska .....	73.7	96.3	79.9	93.4	77.9	96.1	72.9	96.6
Arizona .....	89.5	24.4	85.8	27.0	86.6	27.5	87.3	23.4
Arkansas .....	96.4	15.6	84.9	13.1	100.0	9.4	93.9	15.0
California .....	52.5	12.0	51.4	12.4	50.7	10.9	47.7	10.7
Colorado .....	NA	NA	87.1	18.6	93.5	23.7	93.1	28.6
Connecticut .....	93.4	95.1	80.4	78.5	87.5	100.0	87.7	99.6
Delaware .....	100.0	58.3	100.0	79.0	100.0	57.2	100.0	65.4
District of Columbia .....	80.5	—	76.8	—	77.5	—	74.6	—
Florida .....	98.8	17.4	76.8	10.3	96.5	12.2	97.2	12.5
Georgia .....	99.4	18.6	84.8	27.3	96.9	35.8	94.2	30.6
Hawaii .....	100.0	—	100.0	—	100.0	—	100.0	—
Idaho .....	88.8	1.1	80.9	2.2	85.5	1.1	85.9	1.3
Illinois .....	58.1	15.5	48.8	9.8	52.6	13.2	51.2	12.1
Indiana .....	NA	NA	80.4	14.5	93.0	19.3	90.2	17.9
Iowa .....	90.2	10.9	85.0	8.2	91.0	10.0	89.3	12.1
Kansas .....	NA	12.5	55.3	16.9	64.1	19.8	86.7	20.5
Kentucky .....	89.3	31.2	80.1	21.9	91.6	29.5	90.3	26.5
Louisiana .....	99.7	30.3	89.0	29.0	96.9	31.3	97.2	31.6
Maine .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland .....	94.7	20.3	96.8	12.7	97.0	3.6	95.6	9.3
Massachusetts .....	84.3	41.5	80.5	30.1	79.2	37.6	80.6	43.8
Michigan .....	72.2	13.7	63.0	6.6	71.1	13.2	66.5	9.7
Minnesota .....	96.0	38.9	80.1	31.0	94.6	35.9	89.1	31.7
Mississippi .....	97.9	47.8	80.5	35.2	89.9	37.1	90.2	40.1
Missouri .....	87.3	26.1	75.0	20.5	82.6	16.9	76.5	20.3
Montana .....	92.0	4.4	91.5	3.2	91.9	4.6	91.8	3.5
Nebraska .....	NA	31.2	NA	18.6	NA	29.1	NA	19.7
Nevada .....	79.7	10.0	77.1	1.8	76.0	8.3	71.6	7.7
New Hampshire .....	99.3	64.0	99.2	64.8	99.1	65.0	98.9	70.2
New Jersey .....	79.9	36.8	85.1	52.5	80.5	37.0	82.0	33.5
New Mexico .....	70.5	2.8	46.6	1.6	61.7	4.3	58.6	4.4
New York .....	NA	34.7	60.7	7.8	78.9	17.5	78.1	15.6
North Carolina .....	99.9	93.5	83.4	40.7	99.9	92.4	93.4	47.6
North Dakota .....	90.4	31.7	82.6	NA	86.3	26.0	90.0	66.7
Ohio .....	75.6	6.6	71.6	4.8	77.1	4.5	77.7	5.2
Oklahoma .....	91.5	8.2	82.1	15.1	92.7	9.3	86.0	7.6
Oregon .....	92.0	10.4	94.5	25.1	98.4	25.2	98.0	19.2
Pennsylvania .....	76.4	15.6	67.2	14.6	71.5	22.0	48.9	12.9
Rhode Island .....	NA	NA	NA	NA	NA	NA	100.0	51.4
South Carolina .....	100.0	81.4	78.6	61.6	100.0	90.1	95.1	78.6
South Dakota .....	89.8	42.4	88.3	27.1	88.5	31.4	85.8	35.0
Tennessee .....	96.7	38.9	73.7	28.8	94.5	47.0	95.8	49.7
Texas .....	65.7	19.9	62.3	22.5	74.6	21.5	72.7	23.9
Utah .....	84.0	9.4	81.8	11.2	82.8	9.1	80.3	10.6
Vermont .....	100.0	100.0	NA	100.0	100.0	100.0	100.0	100.0
Virginia .....	96.9	13.0	71.3	11.1	90.5	13.9	83.1	15.4
Washington .....	88.9	33.0	90.8	NA	89.5	29.1	88.6	28.4
West Virginia .....	74.7	33.7	47.3	12.5	58.7	14.5	92.0	14.2
Wisconsin .....	95.4	40.9	76.6	43.0	94.9	44.7	94.8	44.8
Wyoming .....	98.6	0.7	NA	NA	NA	0.6	NA	NA
<b>Total .....</b>	<b>71.5</b>	<b>20.4</b>	<b>70.3</b>	<b>21.3</b>	<b>70.5</b>	<b>20.6</b>	<b>70.7</b>	<b>21.4</b>

See footnotes at end of table.

**Table 24. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1994-1996 — Continued**

State	1995							
	October		September		August		July	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	65.8	16.2	67.1	16.1	68.3	14.9	69.4	13.7
Alaska .....	69.2	95.6	72.1	87.8	71.2	85.2	72.0	91.3
Arizona .....	87.6	21.1	86.4	21.4	84.7	21.7	84.3	27.2
Arkansas .....	93.2	14.8	93.6	13.2	94.5	12.4	92.9	12.1
California .....	41.7	10.9	40.7	9.7	43.2	11.8	43.4	13.2
Colorado .....	89.6	28.4	88.7	23.4	89.2	19.2	91.8	19.5
Connecticut .....	99.7	95.5	100.0	75.5	63.7	75.6	61.8	80.9
Delaware .....	100.0	69.1	100.0	67.7	100.0	65.2	100.0	62.4
District of Columbia .....	64.8	—	61.6	—	66.2	—	68.1	—
Florida .....	97.6	10.4	98.0	9.8	97.7	9.4	98.0	9.0
Georgia .....	90.2	26.9	86.8	27.5	87.4	31.6	86.3	35.7
Hawaii .....	100.0	—	100.0	—	100.0	—	100.0	—
Idaho .....	77.2	0.6	80.4	2.8	82.5	2.5	83.7	3.0
Illinois .....	46.4	7.7	40.2	5.7	38.9	4.2	39.5	5.4
Indiana .....	80.1	12.1	76.0	9.4	71.5	9.7	72.5	8.0
Iowa .....	86.6	10.2	80.3	6.3	77.2	5.8	79.6	6.0
Kansas .....	59.7	21.1	31.9	25.3	39.4	14.8	61.7	17.8
Kentucky .....	84.6	24.5	80.4	27.5	80.2	21.1	75.0	19.0
Louisiana .....	98.5	28.8	98.2	28.9	98.3	26.5	97.9	26.7
Maine .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland .....	94.7	8.0	95.5	9.1	94.9	8.3	94.4	9.9
Massachusetts .....	80.0	43.2	76.4	38.3	76.3	42.0	73.5	38.5
Michigan .....	55.4	5.8	44.9	6.2	37.7	4.9	39.9	4.7
Minnesota .....	93.5	32.5	41.4	63.5	29.0	58.9	91.0	27.3
Mississippi .....	87.0	27.3	89.6	27.7	94.6	36.7	92.8	35.5
Missouri .....	69.5	17.2	68.0	19.7	67.9	18.1	69.6	20.4
Montana .....	88.8	2.6	88.2	2.2	88.9	1.4	89.6	1.7
Nebraska .....	NA	22.3	NA	15.6	68.6	14.8	70.4	11.8
Nevada .....	68.7	6.3	72.1	6.7	70.8	6.9	73.6	7.5
New Hampshire .....	98.6	68.2	98.3	66.6	98.1	65.3	98.4	57.6
New Jersey .....	70.3	37.7	82.5	33.1	73.4	35.5	77.1	33.9
New Mexico .....	50.8	3.3	47.4	1.9	54.2	1.3	57.0	1.0
New York .....	68.6	12.3	66.8	11.2	62.8	10.0	65.2	10.3
North Carolina .....	87.8	37.8	87.0	27.8	86.7	25.7	87.7	27.3
North Dakota .....	64.0	NA	70.7	11.4	58.7	9.8	61.4	7.0
Ohio .....	69.7	3.7	58.1	3.1	58.7	3.1	62.7	2.6
Oklahoma .....	77.2	7.0	81.5	12.8	75.8	7.5	80.1	17.1
Oregon .....	54.9	28.2	98.1	24.1	97.9	22.5	98.1	22.2
Pennsylvania .....	67.5	13.0	64.6	12.3	63.7	12.2	64.9	12.8
Rhode Island .....	100.0	59.3	100.0	49.2	100.0	47.6	100.0	39.8
South Carolina .....	94.3	79.9	94.3	82.7	94.1	81.0	94.0	85.5
South Dakota .....	82.4	21.4	75.9	20.0	75.6	14.4	76.5	15.0
Tennessee .....	87.0	33.9	85.5	27.4	84.0	22.8	36.5	40.4
Texas .....	55.3	22.0	71.5	24.1	59.7	25.9	64.4	23.6
Utah .....	79.4	11.3	75.3	11.1	71.4	11.4	74.0	10.8
Vermont .....	NA	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia .....	70.7	7.8	70.7	11.1	72.8	10.1	69.1	8.3
Washington .....	87.7	NA	72.6	NA	90.6	29.5	90.7	33.1
West Virginia .....	40.0	12.6	36.9	11.6	36.2	11.9	34.7	13.1
Wisconsin .....	91.1	45.5	86.9	47.0	88.2	42.5	87.2	43.0
Wyoming .....	98.1	0.6	NA	NA	99.0	0.8	89.3	0.8
<b>Total .....</b>	<b>64.0</b>	<b>19.5</b>	<b>59.2</b>	<b>19.3</b>	<b>58.1</b>	<b>19.3</b>	<b>60.7</b>	<b>19.7</b>

See footnotes at end of table.

**Table 24. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1994-1996 — Continued**

State	1995							
	June		May		April		March	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	70.1	15.1	72.1	15.4	76.7	17.1	81.9	18.1
Alaska .....	76.4	91.6	81.9	98.4	83.8	97.9	83.2	98.3
Arizona .....	87.8	35.1	87.6	27.0	86.7	32.9	88.6	33.0
Arkansas .....	94.3	13.1	94.4	13.2	95.9	14.5	96.9	14.4
California .....	52.8	15.0	50.0	15.0	56.6	15.0	64.5	17.3
Colorado .....	95.3	15.0	94.8	19.5	94.0	24.1	94.8	24.8
Connecticut .....	66.1	83.3	75.4	90.0	81.5	81.1	85.6	87.7
Delaware .....	100.0	67.9	100.0	79.0	100.0	75.6	100.0	62.9
District of Columbia .....	69.6	—	73.3	—	76.5	—	82.8	—
Florida .....	98.0	10.3	97.8	11.3	97.8	11.8	97.3	12.0
Georgia .....	87.4	30.5	88.8	29.2	89.9	26.3	92.7	30.3
Hawaii .....	100.0	—	100.0	—	100.0	—	100.0	—
Idaho .....	85.3	3.2	86.0	2.5	85.5	3.0	54.9	2.3
Illinois .....	43.5	8.0	40.4	8.4	48.9	10.6	52.3	10.1
Indiana .....	75.1	8.8	82.6	10.1	86.5	13.8	89.0	13.5
Iowa .....	81.5	5.6	62.0	5.6	88.5	7.6	90.9	8.1
Kansas .....	61.5	20.4	58.9	15.2	65.4	16.7	80.4	14.8
Kentucky .....	79.2	23.3	86.4	21.8	85.3	22.4	89.2	20.0
Louisiana .....	97.9	31.3	98.1	30.0	98.5	29.4	98.0	30.8
Maine .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland .....	96.2	10.6	95.9	13.9	96.7	7.2	97.8	30.0
Massachusetts .....	81.8	59.4	87.4	46.1	87.7	44.7	91.6	46.2
Michigan .....	43.7	4.9	59.5	6.5	66.4	10.8	69.7	12.7
Minnesota .....	92.7	34.3	95.3	34.6	96.0	35.3	94.8	22.5
Mississippi .....	88.2	36.7	92.2	41.9	92.4	39.2	93.1	40.9
Missouri .....	73.1	20.0	79.4	21.0	80.5	21.8	86.2	25.2
Montana .....	90.2	1.5	92.0	2.5	91.9	8.6	92.5	1.8
Nebraska .....	65.2	16.0	67.0	15.3	73.9	17.2	76.0	20.1
Nevada .....	77.2	7.2	77.8	7.2	79.6	8.6	78.1	8.0
New Hampshire .....	98.5	59.7	98.9	62.2	99.3	66.8	99.3	70.7
New Jersey .....	78.5	35.2	83.3	42.5	86.3	39.8	90.6	44.8
New Mexico .....	50.5	0.8	43.9	0.5	49.8	0.7	52.7	0.6
New York .....	65.2	10.8	70.7	12.1	78.5	13.2	78.4	13.5
North Carolina .....	86.0	41.2	90.3	42.1	75.4	45.3	94.3	48.8
North Dakota .....	70.5	13.2	79.9	14.0	83.1	18.1	84.2	20.7
Ohio .....	61.2	4.0	67.6	4.2	76.6	5.9	78.5	6.9
Oklahoma .....	81.5	16.0	86.6	19.0	87.0	24.2	90.9	20.9
Oregon .....	97.8	23.8	97.9	24.0	98.2	28.2	98.2	29.5
Pennsylvania .....	66.2	11.9	68.4	13.9	71.0	17.1	74.6	19.4
Rhode Island .....	100.0	52.4	100.0	48.1	100.0	47.3	100.0	45.3
South Carolina .....	92.2	81.9	94.7	83.1	94.0	79.7	96.0	80.8
South Dakota .....	77.1	17.3	82.8	21.8	87.2	31.5	89.7	39.4
Tennessee .....	90.3	38.3	86.2	40.9	89.3	27.9	92.6	36.5
Texas .....	70.2	24.7	50.5	21.5	65.6	26.2	72.6	26.1
Utah .....	79.4	11.0	80.1	9.3	83.2	10.1	82.5	15.6
Vermont .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia .....	71.8	10.5	73.4	9.2	74.9	11.8	87.1	14.3
Washington .....	91.2	33.7	91.7	33.3	92.5	37.8	94.1	41.2
West Virginia .....	33.1	12.4	40.0	12.5	48.3	12.3	53.8	12.5
Wisconsin .....	88.3	45.1	92.4	47.8	94.1	52.4	94.7	51.6
Wyoming .....	91.8	0.8	90.6	0.7	93.4	0.7	94.5	0.8
<b>Total .....</b>	<b>66.0</b>	<b>21.5</b>	<b>65.8</b>	<b>20.7</b>	<b>71.8</b>	<b>22.2</b>	<b>75.4</b>	<b>23.0</b>

See footnotes at end of table.

**Table 24. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1994-1996 — Continued**

State	1995				1994			
	February		January		Total		December	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	81.8	20.4	77.9	21.2	80.3	27.3	76.7	28.1
Alaska .....	83.9	98.0	100.0	86.6	100.0	58.4	100.0	96.8
Arizona .....	92.7	24.8	91.6	25.7	90.7	30.3	91.4	29.7
Arkansas .....	98.3	16.6	97.7	15.3	95.1	14.1	97.4	13.6
California .....	58.4	18.8	61.2	16.9	48.8	19.5	68.3	16.0
Colorado .....	95.8	22.0	95.6	24.3	94.8	14.7	95.6	14.2
Connecticut .....	88.1	92.8	86.6	88.8	80.9	95.3	83.4	99.1
Delaware .....	100.0	64.9	100.0	63.4	100.0	67.3	100.0	66.8
District of Columbia .....	86.4	—	81.7	—	90.9	—	82.0	—
Florida .....	97.2	11.7	96.5	12.5	97.9	17.3	97.0	18.0
Georgia .....	96.8	37.1	95.7	41.1	92.0	37.4	92.6	38.8
Hawaii .....	100.0	—	100.0	—	100.0	—	100.0	—
Idaho .....	89.1	2.7	89.7	1.8	85.8	2.9	88.0	2.4
Illinois .....	52.5	14.0	54.0	13.9	52.8	12.4	52.0	11.1
Indiana .....	89.4	16.4	89.2	29.8	92.3	13.4	91.3	14.5
Iowa .....	91.8	10.8	74.9	13.3	90.4	11.5	91.0	10.0
Kansas .....	69.6	17.5	79.5	11.8	78.4	6.6	79.5	9.8
Kentucky .....	90.5	24.0	90.1	23.6	91.4	31.2	89.9	26.5
Louisiana .....	98.1	35.1	97.6	31.3	97.9	24.9	97.5	25.4
Maine .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland .....	98.5	23.6	97.9	14.5	97.1	16.8	97.7	18.0
Massachusetts .....	88.8	46.5	87.3	42.4	76.2	39.3	87.1	39.9
Michigan .....	70.4	14.1	71.1	14.2	65.7	15.1	69.8	18.7
Minnesota .....	93.2	25.7	93.0	30.7	96.0	42.9	95.2	36.1
Mississippi .....	93.1	43.5	92.1	41.7	96.6	39.1	96.6	37.4
Missouri .....	87.9	29.5	85.5	27.3	83.3	20.9	82.0	18.9
Montana .....	92.5	2.3	93.0	4.9	91.8	3.9	93.1	5.6
Nebraska .....	79.3	25.5	80.1	26.9	80.2	21.6	80.6	21.6
Nevada .....	83.7	9.8	82.1	10.5	82.5	9.3	81.2	11.4
New Hampshire .....	99.6	53.6	100.0	66.2	100.0	95.0	100.0	75.1
New Jersey .....	91.7	43.2	93.1	43.7	91.6	57.5	92.1	55.7
New Mexico .....	67.2	0.4	54.2	1.0	62.4	9.7	68.4	12.6
New York .....	82.0	16.6	79.8	17.5	79.6	21.0	81.9	22.8
North Carolina .....	95.9	47.6	95.6	46.5	96.6	59.0	99.4	66.8
North Dakota .....	85.7	25.1	84.2	25.0	79.6	24.7	76.7	19.2
Ohio .....	79.9	8.6	80.9	8.1	81.5	9.7	81.4	9.1
Oklahoma .....	91.0	25.9	91.4	17.5	88.5	24.3	91.0	20.6
Oregon .....	98.4	29.5	98.5	28.4	98.1	31.5	98.6	30.7
Pennsylvania .....	74.1	18.2	74.8	19.1	74.4	20.5	72.1	20.3
Rhode Island .....	100.0	37.4	100.0	38.1	100.0	9.0	100.0	9.2
South Carolina .....	97.1	76.1	97.4	76.2	98.5	76.8	99.9	83.9
South Dakota .....	90.8	38.2	92.1	38.2	89.1	37.4	92.1	39.6
Tennessee .....	94.8	33.8	94.6	35.9	94.1	45.6	94.4	46.6
Texas .....	70.4	22.4	72.3	27.0	82.4	25.7	89.0	26.1
Utah .....	85.6	13.2	85.6	10.8	83.3	12.0	85.8	11.4
Vermont .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia .....	88.6	16.4	89.4	16.1	86.7	21.5	86.0	19.2
Washington .....	93.9	39.2	94.2	38.0	95.4	41.6	94.6	39.0
West Virginia .....	57.4	13.0	53.2	12.5	55.2	13.0	55.7	13.7
Wisconsin .....	95.1	53.5	94.5	52.7	93.5	48.8	84.4	60.7
Wyoming .....	98.4	0.7	89.9	0.9	96.1	2.2	96.8	2.2
<b>Total</b> .....	<b>76.0</b>	<b>23.3</b>	<b>75.7</b>	<b>23.8</b>	<b>79.3</b>	<b>25.5</b>	<b>82.3</b>	<b>25.7</b>

See footnotes at end of table.

**Table 24. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1994-1996 — Continued**

State	1994							
	November		October		September		August	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	73.6	26.4	70.0	28.2	64.7	26.0	71.8	25.2
Alaska .....	100.0	59.1	100.0	57.3	100.0	47.5	100.0	45.0
Arizona .....	89.9	34.6	90.4	35.4	89.3	36.3	86.4	31.6
Arkansas .....	96.4	15.1	95.3	14.8	96.6	13.8	94.3	12.9
California .....	57.8	13.3	52.2	18.5	46.1	18.2	46.6	20.5
Colorado .....	93.2	14.7	91.5	15.8	93.1	13.4	91.7	15.0
Connecticut .....	77.9	99.9	68.8	91.5	57.4	83.0	61.1	94.3
Delaware .....	100.0	73.3	100.0	70.2	100.0	65.8	100.0	63.1
District of Columbia .....	76.4	—	72.0	—	73.3	—	88.5	—
Florida .....	97.8	18.9	97.9	14.2	98.5	13.3	98.4	13.8
Georgia .....	91.6	39.2	88.6	34.5	86.1	33.5	89.0	33.0
Hawaii .....	100.0	—	100.0	—	100.0	—	100.0	—
Idaho .....	84.0	2.4	79.3	2.5	80.5	4.9	80.0	3.2
Illinois .....	49.9	13.8	47.5	10.5	39.7	7.5	36.3	6.1
Indiana .....	91.3	13.6	86.8	10.7	84.3	8.6	85.9	4.4
Iowa .....	90.4	11.4	86.0	18.8	80.5	9.6	80.0	9.0
Kansas .....	83.9	6.8	77.1	10.1	71.9	8.5	71.5	7.9
Kentucky .....	87.9	24.0	87.6	23.7	83.4	23.3	83.5	23.3
Louisiana .....	97.9	26.2	97.9	25.1	98.1	25.1	97.6	24.7
Maine .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland .....	96.5	13.5	96.2	7.0	95.2	7.1	94.1	10.8
Massachusetts .....	81.2	42.9	90.6	45.3	79.7	40.7	86.0	40.4
Michigan .....	63.4	12.1	55.4	8.5	45.4	5.9	42.3	7.3
Minnesota .....	95.6	29.0	92.0	21.7	89.8	37.5	91.8	40.8
Mississippi .....	96.2	39.8	94.3	39.0	94.9	38.8	95.1	39.3
Missouri .....	77.0	14.0	70.2	12.8	68.2	14.1	70.0	17.7
Montana .....	91.2	3.7	89.0	3.6	87.5	2.1	87.8	2.0
Nebraska .....	73.5	16.5	62.2	21.2	65.1	17.7	77.8	19.1
Nevada .....	76.8	9.5	73.9	7.4	76.4	7.0	74.5	6.4
New Hampshire .....	100.0	82.8	100.0	84.9	100.0	100.0	100.0	100.0
New Jersey .....	89.6	52.0	88.0	50.4	83.6	46.1	82.2	50.8
New Mexico .....	64.2	12.5	60.3	11.0	54.8	10.5	44.5	15.2
New York .....	78.0	19.5	76.4	16.2	75.1	15.1	73.4	13.3
North Carolina .....	94.1	53.1	88.0	40.8	88.3	39.4	90.4	47.6
North Dakota .....	82.2	24.2	64.0	12.9	61.8	11.3	63.2	19.6
Ohio .....	78.7	7.7	75.1	6.1	66.5	5.6	67.5	7.0
Oklahoma .....	85.0	21.7	78.2	20.4	76.2	28.9	73.9	21.8
Oregon .....	97.8	29.5	97.0	27.7	97.9	27.3	97.7	30.5
Pennsylvania .....	68.7	17.7	62.7	15.9	67.9	16.7	71.4	17.8
Rhode Island .....	100.0	11.5	100.0	9.7	100.0	7.9	100.0	9.2
South Carolina .....	96.2	82.7	95.6	82.2	95.2	81.3	95.7	82.8
South Dakota .....	88.4	41.0	83.4	33.4	79.0	26.9	82.0	25.6
Tennessee .....	91.7	43.2	88.4	41.8	89.3	52.0	87.1	40.7
Texas .....	78.9	24.4	75.1	25.5	83.3	19.6	82.6	24.6
Utah .....	83.9	18.5	83.8	17.1	79.8	13.0	79.1	12.5
Vermont .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia .....	79.4	16.9	76.1	13.3	72.9	10.4	72.9	15.4
Washington .....	94.1	36.7	93.9	38.4	94.4	38.1	91.8	40.0
West Virginia .....	47.5	11.6	41.3	11.8	34.2	10.9	34.3	11.3
Wisconsin .....	94.4	47.7	90.8	44.2	87.8	43.3	87.1	40.2
Wyoming .....	96.1	2.6	95.6	1.7	93.5	2.2	92.1	3.4
<b>Total .....</b>	<b>77.9</b>	<b>24.1</b>	<b>74.0</b>	<b>23.9</b>	<b>72.2</b>	<b>22.2</b>	<b>71.8</b>	<b>23.6</b>

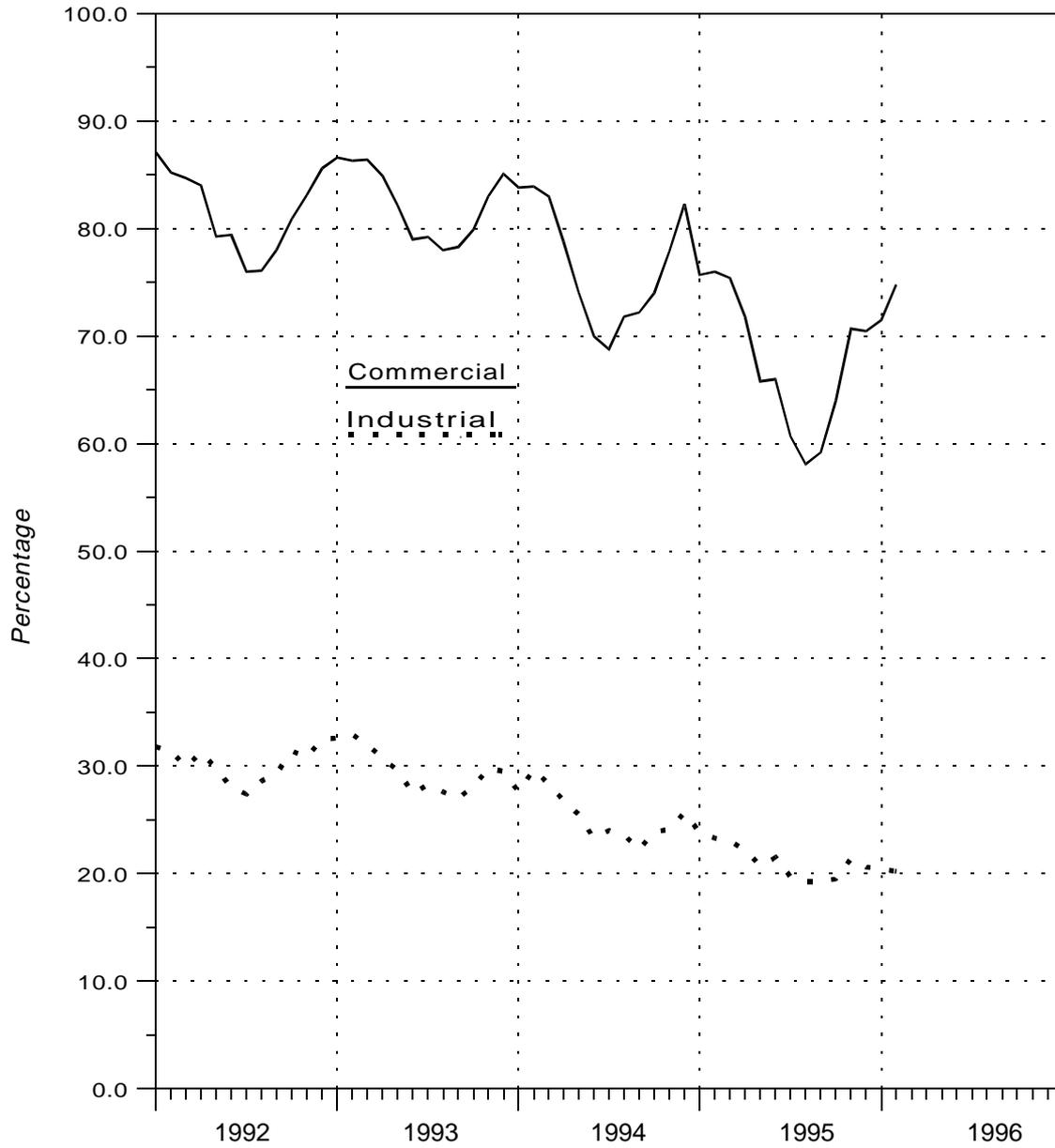
NA = Not Available.

— = 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.

Figure 6. Percentage of Total Deliveries Represented by Onsystem Sales, 1992-1996



Source: Form EIA-857.



# Appendix A

## Explanatory Notes



## 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*. These data are preliminary when initially published. Some of these monthly data are estimates

developed by EIA staff. Others are taken or estimated from submitted reports. The table below lists the methodologies for deriving the monthly data to be published initially for the components of supply and disposition.

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

Components	Reporting Methodology
<b>Supply and Disposition</b>	
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
<b>Prior-Month Consumption</b>	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline Fuel	Derived from Estimates for Lease and Plant Fuel and Deliveries to Consumers
Residential	Estimated from Reports to the Sample Survey Form EIA-857
Commercial	Estimated from Reports to the Sample Survey Form EIA-857
Industrial	Estimated from Reports to the Sample Survey Form EIA-857
Electric Utilities	Reported on Form EIA-759

## 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-627. For 1994, of the 33 producing States, 22 reported data on nonhydrocarbon gases removed. The 22 States accounted for 57 percent of total 1994 gross withdrawals. Of the 22 States reporting nonhydrocarbon gases removed, 11 reported zero values: Alaska, Arizona, Arkansas, Colorado, Illinois, Maryland, Missouri, Nevada, New York, South Dakota, and Virginia. The ten States reporting volumes greater than zero are Alabama, California, Florida, Kentucky, Mississippi, Nebraska, New Mexico, North Dakota, Texas, and Wyoming. In addition, Kansas, Louisiana, Montana, and Oklahoma, which together accounted for 34 percent of gross withdrawals, did not report nonhydrocarbon gases removed separately. However, their gross withdrawal data excluded all or most of the nonhydrocarbon gases removed on leases. No estimates are made for States not reporting nonhydrocarbon gases removed.

### *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. Three States report monthly data on nonhydrocarbon gases removed: Alabama, Texas, and Mississippi. Monthly data for California, Colorado, Florida, New Mexico, North Dakota, and Wyoming are estimated based on annual data reported on Form EIA-627. Nonhydrocarbon gases as an annual percentage of gross withdrawals reported by each of the six States 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.

For States not supplying monthly data on the EIA-627, final monthly data are calculated by proportionally allocating the differences between total annual data reported on the Form EIA-627 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-627 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-627 for the previous year.

Estimates for total U.S. marketed production are based on final monthly data reported on the Form EIA-627 for the previous year. State estimates for non-hydrocarbon 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-627. These ratios are applied to the month's estimates for gross withdrawals to calculate figures for non-hydrocarbon 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-627 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 for 1993 and 1994 are the sums of monthly data reported on the annual Form EIA-627, "Annual Quantity and Value of Natural Gas Report." For prior years, the differences between each State's annual production data reported on the EIA-627 and the sum of its monthly IOGCC reports for the year were allocated proportionally to the monthly IOGCC data.

## **Note 4. Imports and Exports**

### ***Annual Data and Final Monthly Data***

Annual and final monthly data are published from the annual Form FPC-14, which requires data to be reported 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 Form FPC-14, 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.

### ***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 for 1988 through 1994 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.

## **Note 8. Average Wellhead Value**

### ***Annual Data***

Form EIA-627 requests State agencies to report the quantity and value of marketed production. When complete data are unavailable, the form instructs the State agency to report the available value and the quantity of marketed production associated with this value. A number of States reported volumes of production and associated values for other than marketed production. In addition, information for several States which were unable to provide data was obtained from Form EIA-176. It should be noted that Form EIA-176 reports a fraction of State production. The imputed value of marketed production in each State is calculated by dividing the State's reported value by its associated production. This unit price is then applied to the quantity of the State's marketed production to derive the imputed value of marketed production.

### ***Initial Monthly Data***

An initial estimate is calculated based on the statistical relationship between U.S. monthly wellhead gas prices and the monthly composite spot wellhead prices published in the *Natural Gas Week*. The estimate is prepared using the same methodology that generates monthly gas price estimates for EIA's *Short-Term Energy Outlook*. The initial estimate is the latest monthly estimate presented.

## ***Preliminary Monthly Data***

A preliminary estimate of the U.S. gas price is made each month based on the change in the production-weighted gas price from five States: Kansas, Mississippi, New Mexico, Oklahoma, and Texas. Gas prices for these five States are used because both their gas production and value represent a substantial sample of the U.S. gas production and value (roughly 50 percent), and their prices are readily available and provide a consistent series. The latest preliminary U.S. gas price estimate is calculated by multiplying the preliminary U.S. gas price estimate for the prior month by the ratio of the five States' gas price for the latest month to that of the prior month. This estimate replaces the initial gas price estimate.

### ***Final Monthly Data***

Preliminary monthly gas price data for Kansas, Mississippi, New Mexico, Oklahoma, and Texas are replaced by final monthly data that are adjusted to match the annual prices published in the *Natural Gas Annual* for each State. A revised set of the monthly U.S. gas price estimates are derived based on the monthly change in the production-weighted prices for these five States and adjusted to match the U.S. gas price published in the *Natural Gas Annual*.

## **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 temper-

ature 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



## 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 four monthly surveys.

The annual reports are the Form EIA-176, a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines, and the Form EIA-627, a voluntary survey completed by energy or conservation agencies in the gas-producing States.

The monthly reports include two surveys of the natural gas industry and two surveys of the electric utility industry. The natural gas industry survey is the Form EIA-191 filed by companies that operate underground storage facilities, and the Form EIA-857 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.

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

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

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 1995 for report year 1994 totaled 2,050 questionnaire packages. To this original mailing, 23 names were added and 97 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 1,976 responses from approximately 1,800 companies. Following the original mailing, second request mailing, and nonrespondents followup, 1,962 responses were entered into the data base, and there were fourteen nonrespondents.

### ***Summary of Form EIA-176 Data Reporting Requirements***

The EIA-176 is a multiline schedule for reporting all supplies of natural gas and supplemental gaseous fuels

and their disposition within the State indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year are due by April 1 of the following year. Extensions of the filing deadline for up to 45 days are granted to any respondent on request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

### ***Routine Form EIA-176 Edit Checks***

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

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

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

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

### ***Other EIA Publications Referencing Form EIA-176***

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

## **Form EIA-627, “Annual Quantity and Value of Natural Gas Report”**

### ***Survey Design***

Beginning with 1980, natural gas production data previously obtained on an informal basis from State conservation agencies were collected on Form EIA-627. This form was designed by 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. The form was redesigned in 1990 to collect monthly breakdowns of all annual data elements. Data are not considered proprietary. It was also designed to avoid duplication of effort in collecting 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 was added to the EIA-627.

### ***Survey Universe and Response Statistics***

Form EIA-627 is mailed to energy or conservation agencies in all 33 natural gas producing States. All producing States participate voluntarily in the EIA-627 survey by filing the completed form or by responding to telephone contacts. For 1994, data on the quantities of nonhydrocarbon gases removed were reported by the appropriate agencies of 22 of the 33 States. These 22 States accounted for 57 percent of total 1994 gross withdrawals. In addition, gross withdrawal data from Kansas, Oklahoma, Louisiana, and Montana, which together accounted for 40 percent of total production, excluded all or most of the nonhydrocarbon gases removed on leases.

### ***Summary of Form EIA-627 Data Reporting Requirements***

Form EIA-627 is a multipart annual form that collects data on the monthly and annual production volume 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 leases; marketed production; the value of marketed production; and the number of producing gas wells.

Respondents are asked to report all volumes in million cubic feet at the State's standard pressure base and at

60 degrees Fahrenheit. All dollar values are reported in thousands.

### ***Routine Form EIA-627 Edit Checks***

Each filing of Form EIA-627 is manually checked for reasonableness and mathematical accuracy. Information on the forms is compared to totals of monthly data reported to the Interstate Oil and Gas Compact Commission (see Appendix B, “Data Sources”). 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-627***

Data from Form EIA-627 are also published in the EIA publication, *Natural Gas Annual*.

## **Form EIA-895, “Monthly Quantity of Natural Gas Report”**

### ***Survey Design***

Data collection on the Form EIA-895 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.” In 1994, the IOGCC decided to discontinue collection of their form. All gas producing States are requested to report on the Form EIA-895; a voluntary report. 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***

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.)

## **Summary of Data Requirements**

The Form EIA-895 consists of seven questions on one page, and requires volumetric information on gross production (gas and oil wells individually), gas used for repressuring, gas vented and flared, non-hydrocarbon gases removed, natural gas used as fuel on leases, and marketed production.

### **Routine Edit Checks**

State data are checked for reasonableness and, in the event of problems, the appropriate State agency is called.

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

### **Survey Design**

The Form EIA-191, "Underground Natural Gas Storage Report," was revised effective January 1994. Among the changes from the form used from 1991 through 1993 are a distinction between a monthly and annual survey. Prior to 1991, data on the storage of natural gas was 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 103 companies that operate underground facilities will file the Form EIA-191. Of these companies, 42 are subject to the jurisdiction of FERC and are required to report data on Form FERC-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. Information on co-owners of storage fields has been eliminated. 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 January 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, and working gas in storage, injections, and withdrawals) receive a preliminary visual edit to eliminate and correct obvious errors or omissions. Respondents are required to refile 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.

## **Form FPC-14, “Annual Report for Importers and Exporters of Natural Gas”**

### ***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). Since 1979, the Energy Information Administration (EIA) has had the responsibility for collecting Form FPC-14. Data are not considered proprietary. The Form FPC-14 was discontinued in 1995.

### ***Survey Universe and Response Statistics***

The Form FPC-14 is filed annually by each organization or individual having authority to import and export natural gas regardless of whether any activity took place during the reporting year. Authorizations to import and export was originally granted by the FPC. In 1977, the authority to grant authorizations transferred to the Economic Regulatory Administration (ERA). It now resides with the Office of Fossil Energy, U.S. Department of Energy. In 1994, there were 409 authorizations to import or export natural gas, but only 214 reported activity during the year.

The respondent list for the Form FPC-14 is updated at the beginning of each year. All new respondents with authorization to import or export natural gas are added to the list and respondents whose licenses have expired are deleted. Five copies of Form FPC-14 are mailed in February to all companies authorized to import or export natural gas. The completed original and three copies are to be filed with the EIA on or before March 31 of each year, for the preceding calendar year. Companies that have not filed by March 31 are contacted.

### ***Routine Form FPC-14 Edit Checks***

Respondents are required to certify the accuracy of all data reported. The survey forms are checked at the EIA for reasonableness and accuracy. If errors are found, the companies are required to file corrected data. The data are processed at the EIA and published as reported. 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.

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

This report is prepared quarterly by the Office of Fuels Programs in the Office of Fossil Energy based on information submitted by all firms having authorization to import or export natural gas. All data on this report are considered preliminary until the annual data on the Form FPC-14 are final, usually in September of the following year.

## **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 382 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. Virtually all are received in time for incorporation in the current month's processing cycle. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company's submission is eventually received, the submitted data are used for future processing and revisions.

The Form EIA-857 is a monthly sample survey of firms delivering natural gas to consumers. It provides data that are used to estimate monthly sales of natural gas (volume and price) by State and monthly deliveries of natural gas on behalf of others (volume) by State to three consumer sectors - residential, commercial, and industrial. (Monthly deliveries and prices of natural gas to electric utilities are reported on the Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and the Form EIA-759, "Monthly Power Plant Report.") See Appendix C for a discussion of the sample design and estimation procedures.

### ***Summary of Form EIA-857 Data Reporting Requirements***

Data collected monthly on the Form EIA-857 on a State level include the volume and cost of purchased gas, the

volume and cost of natural gas consumed by sector (residential, commercial, and industrial), and the average heat content of all gas consumed. Respondents file completed forms with EIA in Washington, DC on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit and dollar values are reported to the nearest whole dollar.

### ***Routine Form EIA-857 Edit Checks***

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

# Appendix C

## **Statistical Considerations**



## 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 1,672 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 1992 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 1992. 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 390 respondent companies. While some mergers and acquisitions were uncovered as a result of the initial mail-out, all resulted in a substitution of respondent companies rather than a reduction in the number of respondents. The sample for the 1994 survey year contains a total of 390 respondent companies.

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

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

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

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

where:

$C_j$  = cutoff value for consumer sector j,

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

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

$X_i$  = the sum within State of annual gas volumes for company i,

$X_j$  = the sum within State of annual gas volumes in consumer sector j,

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

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

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

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

where:

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

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

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using ( $I = \frac{X_2}{m}$ ). A uniform random number R was selected

between zero and 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.

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).

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

West Virginia: companies delivering only residential or commercial gas and all other companies.

Arkansas, Colorado, Georgia, Pennsylvania, and Tennessee: companies delivering 1 billion cubic feet or more of gas and companies delivering less than 1 billion cubic feet of gas.

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

New York: companies delivering 8 billion cubic feet or more of gas and companies delivering less than 8 billion cubic feet of gas.

$R_j$  = 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  $j$ .

## 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 1990 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  $j$ ,

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 28 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  $t$ ,

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

## Final Revisions

**Adjusting Monthly Data to Annual Data.** After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the *Natural Gas Annual*, revisions are made to monthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly* 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, February 1996**

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama .....	393	654	1,877	2,026	0.13	0.49	0.96
Alaska .....	0	0	0	0	—	—	—
Arizona .....	32	87	0	92	0.04	0.04	—
Arkansas .....	45	22	17	53	0.03	0.02	0.02
California .....	328	127	360	503	0.05	0.04	0.05
Colorado .....	0	0	0	0	—	—	—
Connecticut .....	0	0	0	0	—	—	—
Delaware .....	0	0	0	0	—	—	—
District of Columbia .....	0	0	0	0	—	—	—
Florida .....	697	1,306	1,144	1,871	1.32	1.02	0.15
Georgia .....	2,975	530	456	3,056	0.54	0.25	0.54
Hawaii .....	0	0	0	0	—	—	—
Idaho .....	0	0	0	0	—	—	—
Illinois .....	736	425	38	851	0.07	0.15	0.29
Indiana .....	554	417	1,345	1,513	0.21	0.16	0.41
Iowa .....	182	96	83	221	0.06	0.02	0.11
Kansas .....	574	222	57,045	57,048	0.46	0.28	2.36
Kentucky .....	7,483	2,530	4,953	9,324	2.27	0.22	4.26
Louisiana .....	646	146	1,009	1,207	0.54	0.34	0.04
Maine .....	0	0	0	0	—	—	—
Maryland .....	NA	NA	NA	NA	NA	NA	NA
Massachusetts .....	740	307	499	944	0.18	0.16	0.62
Michigan .....	793	1,113	5,336	5,508	0.03	0.12	0.07
Minnesota .....	3,005	2,151	2,304	4,355	0.17	0.22	0.68
Mississippi .....	631	394	633	977	0.37	0.27	0.32
Missouri .....	482	498	1,197	1,383	0.11	0.16	0.79
Montana .....	8	8	0	11	0.01	0.01	—
Nebraska .....	0	NA	0	NA	—	NA	—
Nevada .....	0	0	0	0	—	—	—
New Hampshire .....	0	0	0	0	—	—	—
New Jersey .....	0	0	0	0	—	—	—
New Mexico .....	306	652	0	720	0.29	0.90	—
New York .....	5,741	NA	4,153	NA	0.32	NA	1.17
North Carolina .....	148	104	226	289	0.05	0.08	0.04
North Dakota .....	0	0	0	0	—	—	—
Ohio .....	3,202	2,022	7,426	8,335	0.13	0.13	0.29
Oklahoma .....	265	2,410	50	2,425	0.08	0.19	0.05
Oregon .....	0	0	0	0	—	—	—
Pennsylvania .....	8,865	11,302	15,012	20,777	0.11	0.31	1.65
Rhode Island .....	0	0	0	0	—	—	—
South Carolina .....	136	125	468	503	0.23	0.28	0.37
South Dakota .....	0	0	0	0	—	—	—
Tennessee .....	679	1,138	455	1,401	0.36	0.57	0.19
Texas .....	0	0	NA	NA	—	—	NA
Utah .....	0	0	0	0	—	—	—
Vermont .....	0	0	0	0	—	—	—
Virginia .....	8	270	5,983	5,989	0.28	0.51	4.68
Washington .....	0	0	0	0	—	—	—
West Virginia .....	198	2,709	204	2,724	0.49	0.94	0.18
Wisconsin .....	351	973	935	1,394	0.19	0.19	0.36
Wyoming .....	NA	NA	NA	NA	NA	NA	NA
<b>Total .....</b>	<b>14,167</b>	<b>12,988</b>	<b>61,367</b>	<b>64,306</b>	<b>0.09</b>	<b>0.21</b>	<b>0.61</b>

NA = Not Available.

— = Not Applicable.

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

## Appendix D

### **Natural Gas Reports and Feature Articles**



## Appendix D

### Natural Gas Reports and Feature Articles

#### ***Reports Dealing Principally with Natural Gas and/or Natural Gas Liquids***

- *Natural Gas Annual 1994*, DOE/EIA-0131(94), November 1995.
- *Natural Gas Annual 1993 Supplement: Company Profiles*, DOE/EIA-0131(93/S), February 1995.

#### ***Other Reports Covering Natural Gas, Natural Gas Liquids, and Other Energy Sources***

- *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves - 1994 Annual Report*, DOE/EIA-0216(94), October 1995.
- *Monthly Energy Review*, DOE/EIA-0035. Published monthly. Provides national aggregate data for natural gas, natural gas liquids, and other energy sources.
- *Annual Report to Congress 1994*, DOE/EIA-01733(94), April 1995. Published annually.
- *Annual Energy Outlook 1995*, DOE/EIA-0383(95), January 1995. Published annually.
- *Annual Energy Review 1994*, DOE/EIA-0384(94), July 1995. Published annually.
- *Short-Term Energy Outlook*, DOE/EIA-0202. Published quarterly. Provides forecasts for next six quarters for natural gas and other energy sources.

#### ***Selected One-Time Natural Gas and Related Reports***

- *U.S. Production of Natural Gas from Tight Reservoirs*, DOE/EIA-TR-0574, October 1993.
- *Energy Policy Act Transportation Rate Study*, DOE/EIA-0571, October 1993.
- *Energy Policy Act Transportation Study: Interim Report of Natural Gas Flows and Rates*, DOE/EIA-0602, October 1995.
- *Largest U.S. Oil and Gas Fields*, DOE/EIA-TR-0567, August 1993.
- *Natural Gas 1995: Issues and Trends*, DOE/EIA-0560(95), November 1995.
- *Natural Gas Productive Capacity for the Lower 48 States, 1980 through 1995*, DOE/EIA-0542(95), July 1994.
- *The Value of Underground Storage in Today's Natural Gas Industry*, DOE/EIA-0591, March 1995.

#### ***Selected and Recurring Natural Gas and Related Data Reference Reports***

- *Directory of Energy Data Collection Forms*, DOE/EIA-0249(94), December 1994.
- *Oil and Gas Field Code Master List, 1994*, EIA-0370(93), January 1995.

## **NGM Feature Articles**

### ***March 1992***

#### **Revisions to Monthly Natural Gas Data**

(Discusses the revision errors for natural gas data.)

### ***August 1992***

#### **U.S. Natural Gas Imports and Exports - 1991**

(Contains final 1991 data on all U.S. imports and exports of natural gas.)

### ***November 1992***

#### **Natural Gas Futures Contract Market - The First 2 Years**

(Reviews the financial and economic significance of trading in natural gas futures markets.)

### ***December 1992***

#### **Three-Dimensional Seismology — A New Perspective**

(Describes the impact 3D seismology will have on future U.S. reserves and production.)

#### **Imports of Canadian Gas Under Long-Term Contracts**

(Addresses how regulatory changes have altered the contractual revisions of long-term agreements.)

### ***March 1993***

#### **Natural Gas 1992: Issues and Trends**

(Provides an overview of the natural gas industry in 1991 and 1992, focusing on trends in production, consumption, and pricing of natural gas.)

### **Natural Gas Productive Capacity**

(Analyzes monthly natural gas wellhead productive capacity and projects this capacity for 1992 and 1993.)

### ***April 1993***

#### **Revisions to Monthly Natural Gas Data**

(Discusses the revision errors for natural gas data.)

### ***August 1993***

#### **U.S. Natural Gas Imports and Exports - 1992**

(Contains final 1992 data on all U.S. imports and exports of natural gas.)

### ***October 1993***

#### **U.S. Production of Natural Gas from Tight Reservoirs**

(Discusses the economic incentives offered to induce operators to explore for and develop gas reservoirs from unconventional sources.)

#### **The Expanding Role of Underground Storage**

(Discusses the expanded role of underground natural gas storage in the restructured natural gas industry.)

### ***January 1994***

#### **U.S. Coalbed Methane Production**

(Updates the Energy Information Administration's coalbed methane production information through 1992 and presents it by geologic basin and by State.)

### ***February 1994***

#### **Contracting for Natural Gas Supplies**

(Addresses the contractual relationships of producers with end users and distributors for the natural gas that is shipped along the interstate pipeline systems.)

### *May 1994*

#### **Opportunities with Fuel Cells**

(Discusses the uses of fuel cells in today's market.)

#### **Revisions to Monthly Natural Gas Data**

(Discusses the revision errors for natural gas data.)

### *June 1994*

#### **Natural Gas 1994: Issues and Trends - Executive Summary**

(Provides an overview of the natural gas industry in 1993 focusing on trends in production, consumption, and pricing of natural gas.)

### *August 1994*

#### **U.S. Natural Gas Imports and Exports - 1993**

(Contains final 1993 data on all U.S. imports and exports of natural gas.)

### *March 1995*

#### **The Comparability of Resource and Reserve Data for Crude Oil, Natural Gas, Coal, and Uranium**

(Clarifies which terms are equivalent among the four major energy minerals in the United States.)

### *July 1995*

#### **Revisions to Monthly Natural Gas Data**

(Discusses the revision errors for natural gas data.)

### *August 1995*

#### **U.S. Natural Gas Imports and Exports - 1994**

(Contains final 1994 data on all U.S. imports and exports of natural gas.)



# Appendix E

## **Technical Contacts**



## Appendix E

### Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production	1, 2, 3	Monthly:	EIA-895, "Monthly Quantity of Natural Gas Report"	Donna Guerrina (202) 586-6135
		Annual:	EIA-627, "Annual Quantity and Value of Natural Gas Report"	
		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	Margo 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	Donna Guerrina (202) 586-6135 Margo 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	Norman Crabtree (202) 586-6180
		Annual:	"Quarterly Natural Gas Import and Export Sales and Price Report"	
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	Donna Guerrina (202) 586-6135
		Annual:	Form EIA-627, "Annual 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"	Norman Crabtree (202) 586-6180
Producer Related Activities: Natural Gas Production	7,8	Monthly:	EIA-895, "Monthly Quantity of Natural Gas Report"	Donna Guerrina (202) 586-6135

Underground Storage:	9, 10, 11 12, 13	Monthly:	Forms FERC-8 and EIA-191, "Underground Gas Storage Report"	Rosemary Jameson (202) 586-6229
Distribution and Consumption: Deliveries to:				
Residential,	14	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Commercial,	15			
Industrial,	16			
Electric Utility,	17		Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	
All Consumers	18			
Average Price to:				
City Gate,	19	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Residential,	20			
Commercial,	21			
Industrial,	22		Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	
Electric Utility	23			
Onsystem Sales	24	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Heating Degree Days	25	Seasonal:	National Oceanic and Atmospheric Administration	Rosemary Jameson (202) 586-6229
Highlights				Mary Carlson (202) 586-4749
Industry Highlights				Eva Fleming (202) 586-6113

## Glossary

**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 organizations such as hotels, restaurants, retail stores, laundries, 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.

**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 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.

**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.

**Hinshaw Pipeline:** A pipeline or local distribution company that has received exemption, (by Section 1 (c) of the Natural Gas Act), from regulations pursuant to the Natural Gas Act. These companies transport interstate natural gas not subject to regulations under NGA.

**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 by manufacturing and mining establishments for heat, power, and chemical feedstock.

**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.

**Major Interstate Pipeline Company:** A company whose combined sales for resale, and gas transported interstate or stored for a fee, exceeded 50 million thousand cubic feet in the previous year.

**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.

**Natural Gas Policy Act of 1978 (NGPA):** Signed into law on November 9, 1978, the NGPA is a framework for the regulation of most facets of the natural gas industry.

**Nonhydrocarbon Gases:** Typical nonhydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide, and nitrogen.

**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.

**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.