DOE/EIA-0130(96/07)
Distribution Category/UC-950

# Natural Gas Monthly
# July 1996

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

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*Petroleum Supply Monthly*, updated on the 20th of the month
*Petroleum Marketing Monthly*, updated on the 20th of the month
*Winter Fuels Report*, propane inventory data updated Wednesdays at 5:00 p.m. All other data updated on Thursdays (Friday in event of a holiday) at 5:00 p.m. (October through March)
*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.

In addition to printed copies of publications, the Reserves and Natural Gas Division offers its information products in electronic formats on several media. A description of these electronic products, together with instructions for accessing them, is provided on page iv. In future issues of the *Natural Gas Monthly*, this guide to electronic dissemination will appear in an Appendix.

## *Natural Gas Electronic Products*

In addition to printed publications, the Energy Information Administration distributes information concerning the natural gas industry in a variety of electronic formats through several media. Two main types of products are available electronically: *viewable documents* that may be read or printed; and *post-processable files* that may be directly used as input to a computer application without additional keying and checking of data.

Viewable documents represent complete or selected sections of publications including text, tables, and graphs. They may be as specific as single tables or as general as an entire publication. Post-processable documents on the other hand are either macro-level representations of information in published tables or micro-level respondent information representing responses on a specific nonconfidential survey.

The media used to distribute these electronic publications include: (1) The Energy Information Administration's Internet site (http://www.eia.doe.gov or ftp://ftp.eia.doe.gov); (2) Dial-in access through the Energy Information Administration's EPUB electronic bulletin board or through the Economic Bulletin Board of the Department of Commerce and the COGIS system; (3) The Energy Information Administration's quarterly CD-ROM (InfoDisk); (4) The Energy Information Administration's Fax on Demand System; and (5) diskettes.

| | Internet | Dial-In | InfoDisk | Fax | Diskette |
|---|---|---|---|---|---|
| ANNUAL PUBLICATIONS | | | | | |
| Natural Gas Annual, Volume 1, 1994<br>Provides information on supply, and disposition of natural gas in the United States.Information is provided nationally, regionally, and by State for 1994. | V<br>P | | V<br>P | | P |
| Natural Gas Annual, Volume 2, 1994<br>Contains historical information about supply and disposition of natural gas at the national, regional, and State level as well as prices at selected points in the flow of gas from wellhead to burnertip. | P | | P | | P |
| Natural Gas 1995: Issues and Trends<br>Addresses current issues affecting the natural gas industry and markets, and analyzes trends in the most recent natural gas data. | V | | V | | |
| Natural Gas 1994: Issues and Trends<br>Provides an overview of the natural gas industry in 1993 and early 1994, focusing on the overall ability to deliver gas under the new regulatory mandates of the Federal Energy Regulatory Commission's Order 636. | V | | V | | |
| Oil and Gas Products List 1994-1995<br>Brief descriptions of the various information products prepared by the Office of Oil and Gas. | V | | V | | |
| U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves Annual Report 1994<br>1994 national and State estimates of reserves, reserve changes, and production, plus industry highlights. | V | | V | | |
| MONTHLY PUBLICATIONS | | | | | |
| Natural Gas Monthly, from September 1995 forward.<br>Entire Publication in viewable format | V | | V | | |

V=Viewable P=Post-Processable

| | Internet | Dial-In | InfoDisk | Fax | Diskette |
|---|---|---|---|---|---|
| OTHER PUBLICATIONS | | | | | |
| Natural Gas 1995: Preliminary Highlights<br>This Special Focus, which was featured in the April 1996 issue of the *Natural Gas Monthly*, presents events that affected the natural gas industry during 1995. | V | P | | V | |
| Energy Policy Act Transportation Study: Interim Report on Natural Gas Flow and Rates (EPACT)<br>Analysis of natural gas transportation rates and distribution patterns for the period from 1988 through 1994. | V | | V | | |
| Oil Production Capacity Expansion Cost for the Persian Gulf<br>Quantifies the cost of expanding oil production capacity for the Persian Gulf based on geologic plays and fields rather than country-level economics. Development costs and volumes are estimated for the next 15 years. | V | | V | | |
| Costs and Indices for Domestic Oil and Gas Field Equipment and Production Operations 1990-1993<br>Cost of equipment and operation of oil and gas wells in the lower 48 States. | V | | V | | |
| Drilling Sideways- A Review of Horizontal Well Technology and the Domestic Application<br>April 1993 report presenting salient aspects of current and near-future horizontal drilling and completion technology. | V | | V | | |
| International Oil and Gas Exploration and Development<br>Compilation of country-level data and assessment of regional trends relating to upstream aspects of global oil and gas supply. | V | | V | | |
| Natural Gas Productive Capacity for the Lower 48 States 1984-1996<br>Analysis of monthly natural gas wellhead productive capacity. | V | | V | | |
| Natural Gas Productive Capacity for the Lower 48 States 1980-1995<br>Analysis of monthly natural gas wellhead productive capacity. | V | | V | | |
| Oil and Gas Field Code Master List<br>Comprehensive listing of U.S. oil and gas field names as of November 1995. | V | | V | | |
| Oil and Gas Resources of the Fergana Basin (Uzbekistan, Tadzhikistan, and Kyrgysztan)<br>Reservoir level assessments of oil and gas ultimate recovery in the former Soviet Union area. | V | | V | | |
| The Value of Underground Storage in Today's Natural Gas Industry<br>Explores the significant and changing role of storage in the industry. | V | | V | | |
| U.S. Oil and Gas Development in the Early 1990's<br>Analyses of the growing prominence of smaller energy companies in U.S. oil and gas production | V | | V | | |
| ANNUAL DATA | | | | | |
| Natural Gas Supply and Disposition, by State 1994 | V<br>P | V<br>P | | V | |

V=Viewable P=Post-Processable

| | Internet | Dial-In | InfoDisk | Fax | Diskette |
|---|---|---|---|---|---|
| Natural Gas Summary, United States by Year 1990-1994 | V<br>P | V<br>P | | V | |
| 1994 Natural Gas Annual Volume 1 data<br>Self-extracting file containing data (in comma-delimited format) that appear in the tables in Volume I of the 1994 *Natural Gas Annual*. | P | | P | | P |
| 1994 Natural Gas Annual Volume 2 data<br>Self-extracting file containing historical information (in comma-delimited format) found in the tables in Volume II of the 1994 *Natural Gas Annual*. Annual historical data at the national level are presented for 1930-1994. Annual information by State and region is presented for 1967-1994. | P | | P | | P |
| 1993 Data reported on Form EIA-176<br>A self-extracting compressed file containing data reported on Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" for 1993. | P | | | | P |
| 1994 Data reported on Form EIA-176<br>A self-extracting compressed file containing data reported on Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" for 1994. | P | | | | P |
| Data archive of historical reserves estimates for U.S. Crude Oil, Natural Gas, and Natural Gas Liquids.<br>National, State, and State subregion data published in the reserves balance tables of *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves* from 1977 forward. | P | | | | P |
| MONTHLY DATA | | | | | |
| Natural Gas Production, United States by Month 1989-forward | P | P | | V | |
| Natural Gas Supply and Disposition, 1989-forward | P | P | | V | |
| Natural Gas Imports and Exports 1989-forward | P | P | | V | |
| Natural Gas Underground Storage: United States Total by Month 1989-forward | P | P | | V | |
| Natural Gas Prices: United States Total by Month 1989-forward | P | P | | V | |
| Natural Gas Consumption by Sector: United States Total by Month, 1989-forward | P | P | | V | |
| SELF-EXTRACTING COMPRESSED DATA FILE ARCHIVES | | | | | |
| Natural Gas Consumption and Prices, for most recent 2-3 years | P | P | | | |
| Natural Gas Consumption and Prices, for 1984-1992 | P | P | | | |
| OTHER REPORTS | | | | | |
| Natural Gas Weekly Market Update<br>Analysis of current price, supply and storage data along with a two week snapshot of the weather in four distinct metropolitan areas. | V | | | V | |

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# Common Abbreviations Used in the Natural Gas Monthly

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

# Contents



## Tables

## Illustrations

**Page**

# Highlights

This analysis discusses the most recent data available from the Energy Information Administration (EIA) on the monthly data series that track developments in the natural gas industry (Figures H1-H4). In this issue, the analysis has been extended to include data estimated using EIA's Short-Term Integrated Forecasting System. These data appear in Tables 1, 2, 3, and 9. It should be noted that the extension of data estimates does not include prices. Thus, price information (Table 4) lags behind production and consumption estimates by 3 months.

This extension of EIA's preliminary data estimates first appeared in the June 1996 issue of the *Natural Gas Monthly*. The June issue also introduced a new analysis section, "Natural Gas Market Update," which is now a regular feature of the *Natural Gas Monthly* "Highlights."

## Recent Data

### *Wellhead and End-Use Prices*

Monthly average wellhead prices have remained very steady through the first four months of 1996, but are much higher than during the same period in 1995 (Table 4). The monthly estimate has been $2.07 per thousand cubic feet in every month except February, when it was $2.04. The average for the period of January through April, $2.06 per thousand cubic feet, is 36 percent higher than in 1995 (Figure H3).

End-use prices in the industrial and electric utility sectors in 1996 also show large increases compared with 1995. While the April 1996 industrial price of $3.32 per thousand cubic feet is 6 percent lower than the price in March, the average price for January through April, of $3.44 per thousand cubic feet, is 22 percent higher than for the same period in 1995. A similar pattern is shown for the average price paid by electric utilities for natural gas, although 1996 data for this sector are available only through March. For electric utilities, the March 1996 estimated price of $2.70 per thousand cubic feet is 12 percent lower than the February price. However, the cumulative average price for January through March, of $2.87 per thousand cubic feet, is 43 percent above that in 1995.

In the residential and commercial sectors, April 1996 price estimates are higher than they were for March, although the commercial price is only $0.03 above the March level. The price of gas to the commercial sector in April is estimated to be $5.27 per thousand cubic feet. For residential users, the April estimate is $6.24 per thousand cubic, 6 percent higher than in March.

The cumulative January through April 1996 price for the residential sector is $5.83 per thousand cubic feet, equal to the cumulative average in 1995. In the commercial sector, the cumulative average price is $5.22 per thousand cubic feet, only 2 percent higher than in 1995.

### *Supply*

The preliminary estimate for dry natural gas production in July 1996 is 1,499 billion cubic feet. This is equivalent to 48 billion cubic feet per day, which is 4 percent lower than the daily rate in June. Cumulative production for January through July, however, is less than one-half percent below the level in 1995 (Figure H1 and Table 1).

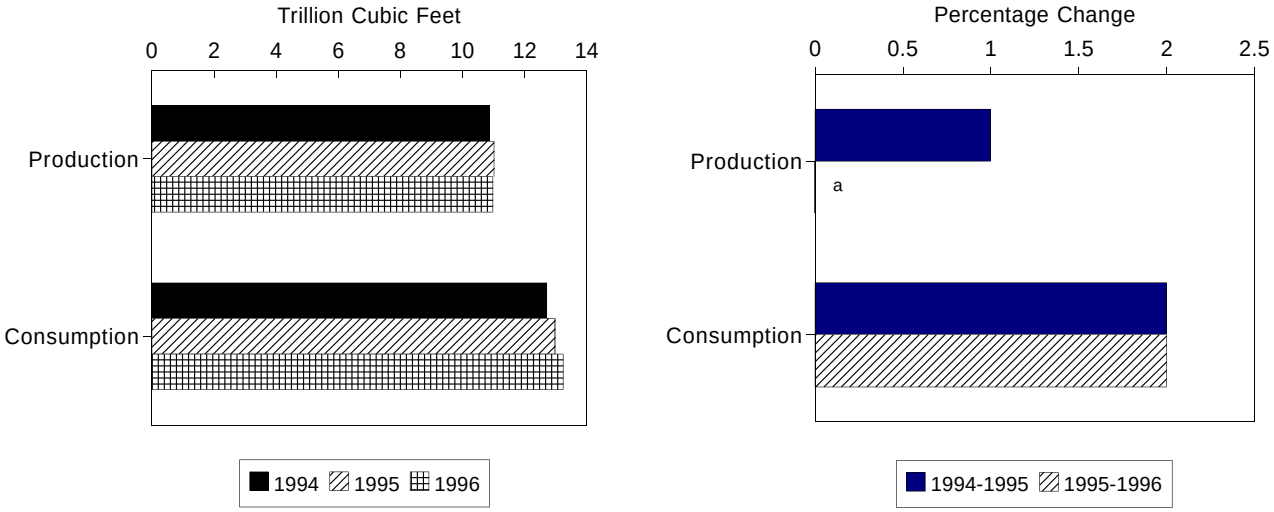
Imports of 245 billion cubic feet helped to meet July 1996 total consumption of 1,376 billion cubic feet (Table 2), whereas storage activities focused more on rebuilding working gas levels rather than meeting end-use demand. On a daily basis, the July import estimate is 2 percent higher than in June, while cumulatively, imports from January through July 1996 are 4 percent higher than in 1995.

Net storage injections turned positive in April 1996 and were above 300 billion cubic feet each month from May through July (Table 9). Working gas levels increased by 22 percent from June to July 1996, reaching an estimated 1,886 billion cubic feet, yet this is a record low for the month of July (Figure H4). The previous low (since records began in 1976) was 2,164 billion cubic feet in July 1978.

### *End-Use Consumption*

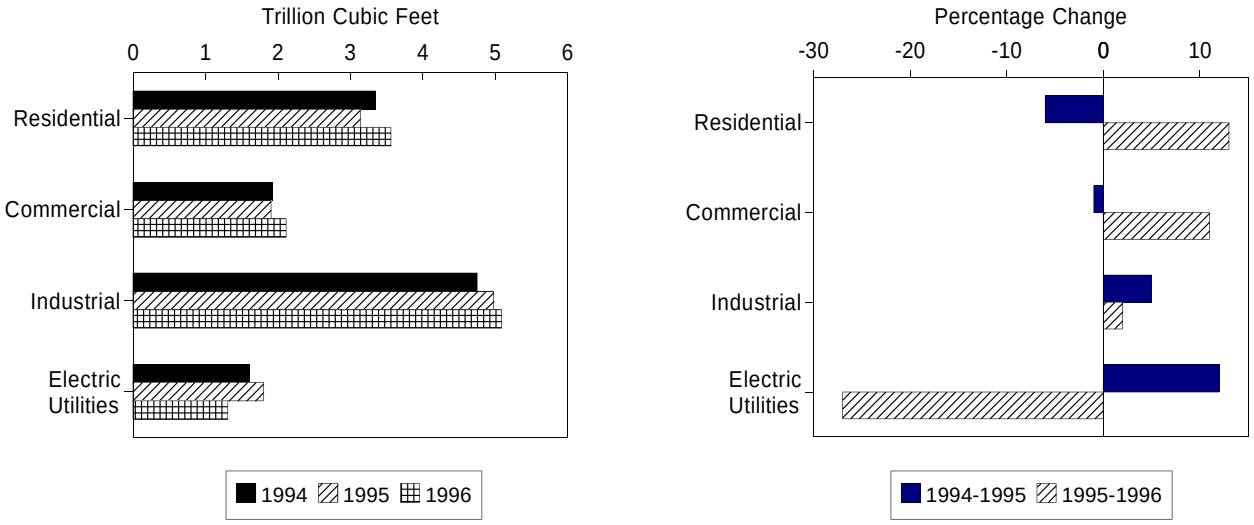
End-use consumption is estimated to be 1,226 billion cubic feet in July 1996. Cumulative consumption from January through July is estimated to be 2 percent above the level of 1995. This matches the cumulative change in industrial consumption between the 2 years, however, much larger changes occurred in the other sectors.

## Figure H1. Natural Gas Production and Consumption, January-July, 1994-1996

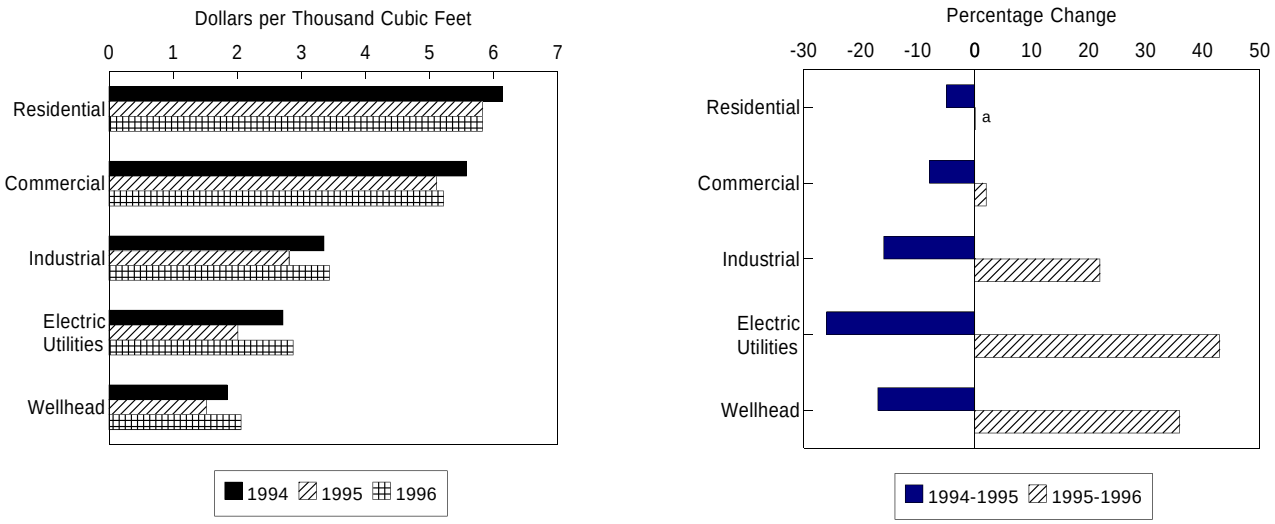



[a] Natural gas production in 1995 and 1996 was virtually the same.

## Figure H2. Natural Gas Delivered to Consumers, January-July, 1994-1996



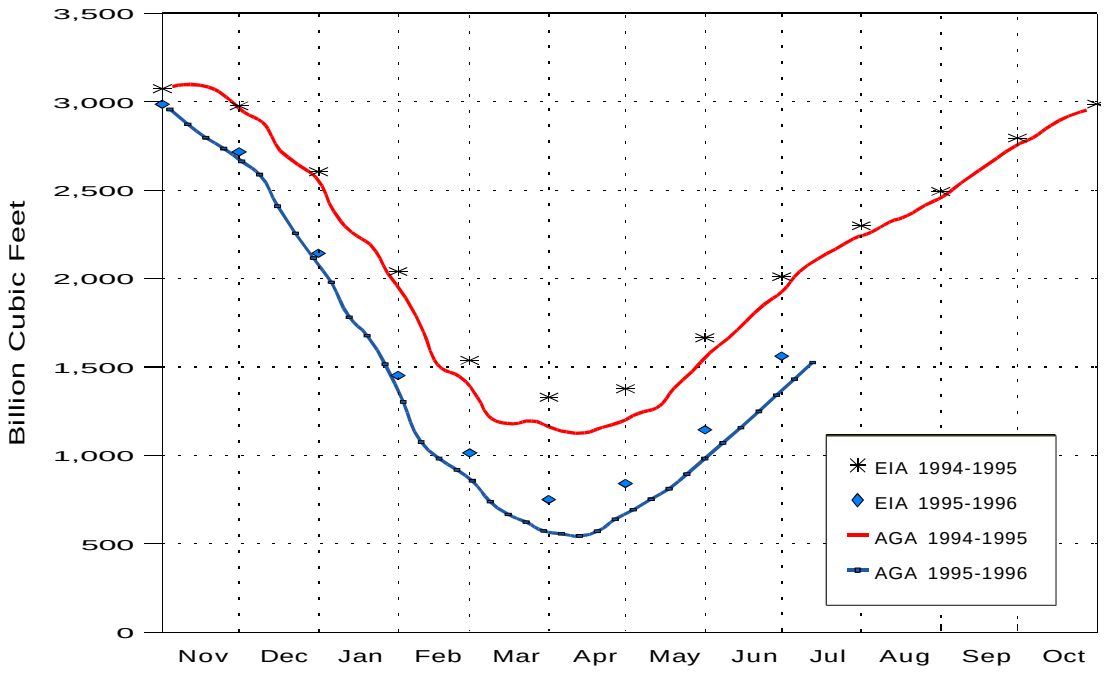
## Figure H3. Average Delivered Natural Gas Prices, January-April, 1994-1996




[a] Natural gas delivered to residential consumers in 1995 and 1996 was virtually the same.

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

## 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 is estimated to be 135 and 136 billion cubic feet, respectively, in July 1996 (Table 3). Since May 1996, consumption in these sectors has been within 5 percent of the level in each month of 1995. However, cumulative residential consumption from January through July is 13 percent higher than in 1995, and cumulative commercial consumption is 11 percent higher (Figure H2). This reflects the higher level of gas used earlier in the year, as cold weather during the winter and into the spring increased the need for space heating compared with 1995. Gas consumption in both sectors averaged 15 percent higher from January through April in 1996 compared with 1995.

Electric utility consumption of natural gas has declined greatly in 1996 compared with 1995. In each month through July, consumption has been 16 to 36 percent lower than levels in the same months of 1995. Higher prices and the demand for gas for space heating played a role in this decline early in the year. However, the pattern has continued into the summer, as July 1996 consumption is estimated to be 277 billion cubic feet--32 percent below that of July 1995. High water levels in the West may have caused the replacement of some gas-fired electric generation with hydropower. Also, if the patterns between 1996 and 1995 prices continued into the summer, this would have a dampening effect on gas use in this sector.

Compared with the other end-use sectors, industrial consumption in each of the first 7 months of 1996 has been relatively close to the levels in 1995. There has either been no change, or an increase, with the largest being 6 percent for February. Cumulatively, consumption in this sector is 2 percent higher in 1996 than in 1995. The most recent estimate of industrial consumption is 678 billion cubic feet in July 1996. The daily consumption in July is 23 billion cubic feet, which is a 4 percent decline from June 1996.

## Natural Gas Market Update

The Energy Information Administration (EIA) monitors information regarding current prices on the spot and futures markets through coverage in the industry press (Figure H5). The spot price represents the price sellers expect to receive for delivering gas at a specified point throughout some portion of a current month. The futures price represents the daily price at the close of each trading day for a contract specifying delivering gas during an entire future month. However, the futures market contracts are primarily financial contracts for reducing price risk not for making delivery, although physical delivery may take place at the point indicated on the futures contract. The first futures market for natural gas was established in April 1990 by the New York Mercantile Exchange (NYMEX) with a delivery point at the Henry Hub in Louisiana. Since that time, spot and futures prices at the Henry Hub have been used as a reference for gas prices at other locations.

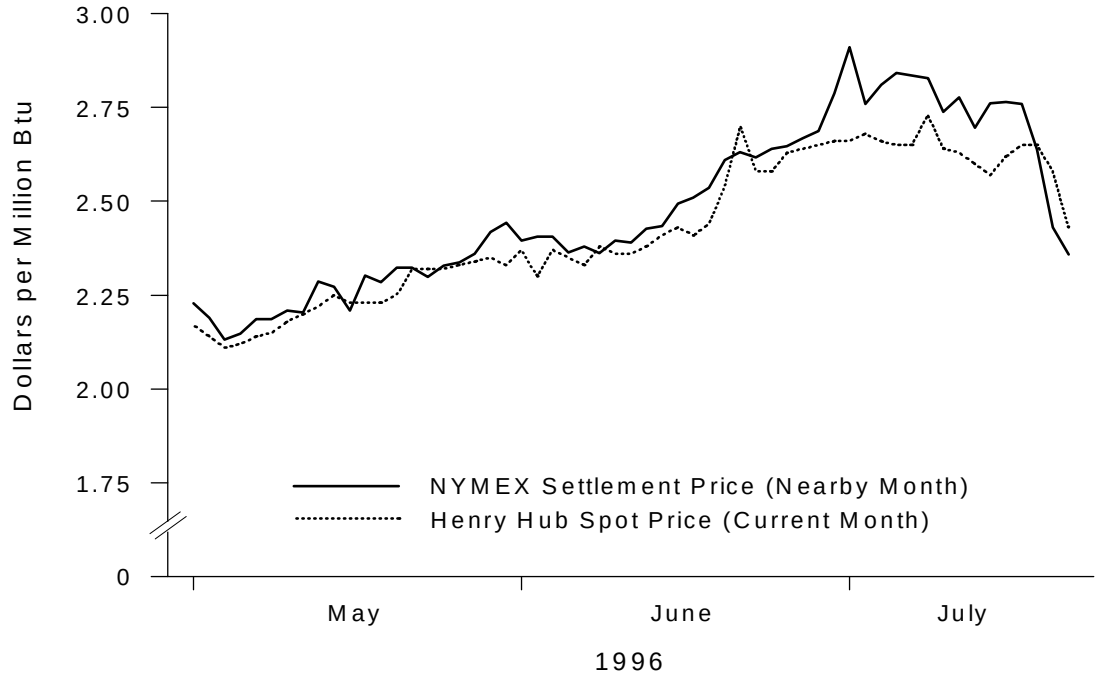
### *Overall Market*

Prices of natural gas from mid-June through mid-July on both the Henry Hub spot and futures markets were generally at unseasonably high levels. Summer is usually the season of declining natural gas prices. Yet, during the first 2 weeks in July, prices were more than $0.60 per million Btu higher than expected a few months ago. Such price changes reflect the uncertainty in the natural gas marketplace about the continued low volumes of working gas in storage and the current and expected relatively strong demand for natural gas. Activity increased on the futures market amid concerns about Hurricane Bertha, which eventually made landfall in North Carolina on July 12. Spot prices at the Henry Hub also reacted to the hurricane by gaining $0.08 per million Btu on July 8, after several weeks of very small price differences between days. Overall, higher temperatures for several days resulted in higher prices because of increased cooling demand.

### *Spot Prices*

Spot prices during the past 4 weeks have been generally less volatile and lower than futures prices, which is opposite to the pattern this past winter when spot prices were very volatile and exceeded futures prices by a significant amount. These differences in summer and winter price behavior are traceable to the much greater demand volatility in the winter than in the summer. Spot prices at the Henry Hub increased from $2.40 per million Btu in mid-June to $2.57 per million Btu in mid-July (Figure H5). Prices were trending slightly upwards until the week of June 17 through June 21, when they jumped up sharply because of increased cooling demand. Then, spot prices at the Henry Hub remained relatively constant until July 18, when they dropped substantially. On the other hand, spot prices at San Juan along the El Paso Pipeline System serving western markets increased steadily during the first half of July as cooling demand and temperatures remained above normal. Prices have been quoted above $2.00 per million Btu, which is 33 percent higher than prices at the end of June. This price pattern was limited to the western market, which points to the lack of connection between gas markets in the West and other locations.

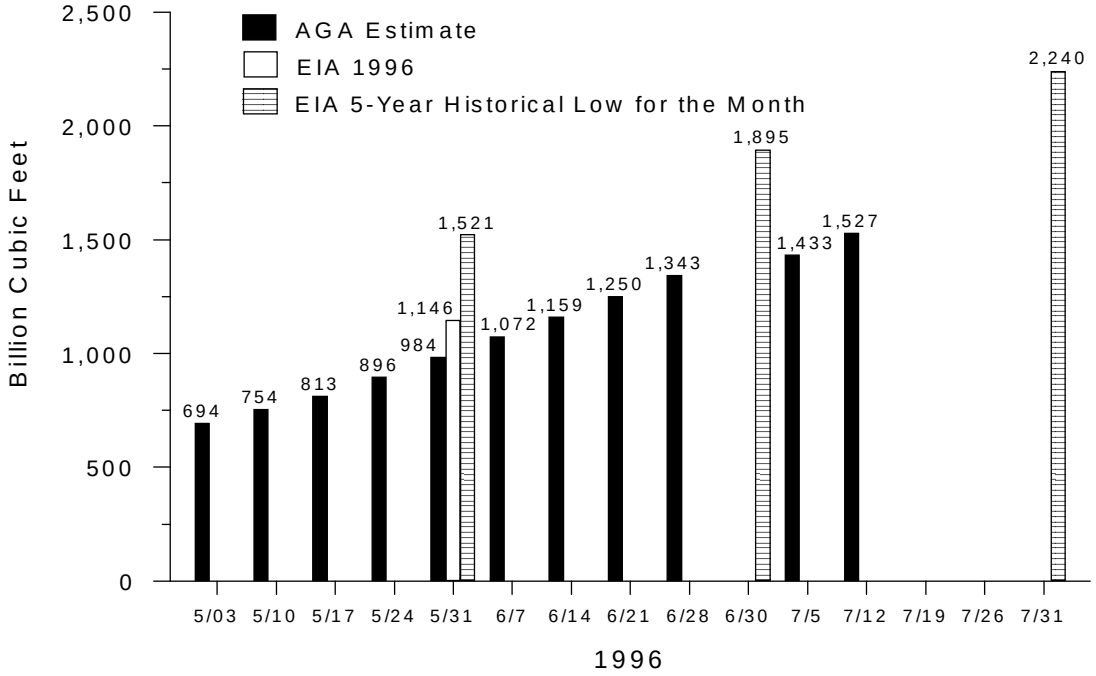
## Figure H5. Futures and Spot Prices at the Henry Hub




Note: The futures price is for the contract that is to terminate trading next on the futures market. The spot price is the midpoint of the high and low daily prices at the Henry Hub.

Sources: **Futures Prices:** Commodity Trading Commission, Division of Economic Analysis. **Spot Prices:** Pasha Publications, Inc., *Gas Daily*.

## Figure H6. Working Gas Storage




Sources: **Weekly Data:** American Gas Association; **Monthly Data:** Form EIA-191.

## Futures Prices

NYMEX Henry Hub futures prices for July delivery closed at $2.646 per million Btu on Monday, June 24, the final day of trading for the contract (Figure H5). This price was not much different from prices during much of the previous week (June 17 to June 21). On June 28, however, prices for August delivery rose to $2.98 per million Btu on news of supply problems in the Gulf of Mexico. Prices declined the following week but then opened at $2.92 per million Btu on Monday, July 8. This was $0.08 higher than the closing price at the end of trading the previous week and largely reflected concerns about Hurricane Bertha, the first Atlantic hurricane of the season. The futures price for August delivery closed at $2.77 per million Btu on Monday, July 15, as damage to the natural gas infrastructure failed to materialize. By Friday, July 19, the closing price was only $2.36 per million Btu. The last day of trading for the August contract is July 25.

Overall, futures prices have been trending upwards for the past several months, until July 17, when they began to fall sharply. The NYMEX futures contract prices for July and August delivery increased by more than $0.50 per million Btu from early May to mid-July. Uncertainty about future supplies and storage supports these large price changes. In particular, there is enormous uncertainty about the target for storage levels at the beginning of the next heating season. This target, when measured per unit of demand, is likely to be less than in previous years. Some conventional oil and gas storage reservoirs are likely to be retired if they cannot be reengineered to allow greater operating flexibility and deliverability. The industry is becoming increasingly skilled at using salt storage and market hubs. These resources improve the short-term deliverability capability of the gas industry and enable the industry to reduce conventional storage levels per unit of demand.

## Storage

According to AGA weekly storage statistics, net injections to storage during the past 4 weeks have stayed near 90 billion cubic feet per week, which is higher than the average rate during the same period for the past 5 years. According to AGA statistics, storage levels for the East consuming region have accounted for a large proportion of the growth in storage levels between months. The large increase in the East is not surprising because storage levels for the East consuming region at the end of the 1995-96 heating season were near levels for the producing region. Usually, the East has twice as much gas in storage at the beginning of the heating season as the producing region. In particular, the uncertainty as to whether storage levels in the East will reach target levels by the beginning of the next heating season contributes to the relatively high price volatility on gas markets. Most recent EIA statistics indicate that working storage levels for the Nation were 1,146 billion cubic feet on May 31, 1996, an increase of 303 billion cubic feet since April 30, 1996 (Figure H6).

# 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[a] | Vented and Flared | Marketed Production (Wet) | Extraction Loss[b] | Total Dry Gas Production[c] |
|---|---|---|---|---|---|---|---|
| **1990 Total** | 21,523 | 2,489 | 289 | 150 | 18,594 | 784 | 17,810 |
| **1991 Total** | 21,750 | 2,772 | 276 | 170 | 18,532 | 835 | 17,698 |
| **1992 Total** | 22,132 | 2,973 | 280 | 168 | 18,712 | 872 | 17,840 |
| **1993 Total** | 22,726 | 3,103 | 414 | 227 | 18,982 | 886 | 18,095 |
| **1994** | | | | | | | |
| January | 2,025 | 285 | 36 | 19 | 1,685 | 76 | 1,609 |
| February | 1,818 | 256 | 32 | 19 | 1,510 | 68 | 1,442 |
| March | 2,031 | 286 | 35 | 19 | 1,691 | 77 | 1,614 |
| April | 1,926 | 267 | 35 | 18 | 1,607 | 73 | 1,534 |
| May | 1,986 | 272 | 33 | 18 | 1,663 | 75 | 1,588 |
| June | 1,883 | 248 | 28 | 21 | 1,587 | 72 | 1,515 |
| July | 1,945 | 249 | 33 | 19 | 1,643 | 74 | 1,569 |
| August | 1,973 | 270 | 35 | 18 | 1,650 | 75 | 1,576 |
| September | 1,880 | 259 | 35 | 20 | 1,567 | 71 | 1,496 |
| October | 1,984 | 301 | 37 | 19 | 1,627 | 74 | 1,554 |
| November | 2,038 | 313 | 36 | 18 | 1,671 | 76 | 1,596 |
| December | 2,118 | 329 | 37 | 19 | 1,733 | 78 | 1,655 |
| **Total** | 23,609 | 3,333 | 412 | 228 | 19,635 | 889 | 18,747 |
| **1995** | | | | | | | |
| January | 2,080 | 327 | 32 | 10 | 1,711 | 80 | 1,631 |
| February | 1,864 | 300 | 28 | 9 | 1,528 | 71 | 1,457 |
| March | 2,030 | 312 | 30 | 9 | 1,678 | 78 | 1,600 |
| April | 1,983 | 302 | 30 | 10 | 1,641 | 76 | 1,565 |
| May | 2,055 | 313 | 31 | 9 | 1,703 | 79 | 1,623 |
| June | 1,969 | 292 | 29 | 13 | 1,634 | 76 | 1,558 |
| July | 1,994 | 289 | 30 | 14 | 1,661 | 77 | 1,584 |
| August | 1,985 | 296 | 29 | 13 | 1,647 | 77 | 1,570 |
| September | 1,954 | 284 | 29 | 13 | 1,628 | 76 | 1,552 |
| October | 1,992 | 314 | 31 | 13 | 1,634 | 76 | 1,558 |
| November | 1,996 | 315 | 30 | 14 | 1,636 | E76 | E1,560 |
| December | 2,105 | 335 | 31 | 15 | 1,724 | E80 | E1,644 |
| **Total** | 24,008 | 3,679 | 362 | 142 | 19,826 | 924 | 18,902 |
| **1996** | | | | | | | |
| January | R2,092 | 323 | 32 | 15 | R1,722 | 80 | R1,642 |
| February | R1,969 | 307 | R30 | 14 | R1,618 | R75 | R1,543 |
| March | R2,072 | R326 | R32 | R15 | R1,699 | R79 | R1,620 |
| April | E2,002 | E312 | E30 | E14 | E1,645 | E77 | E1,568 |
| May | E2,059 | E322 | E31 | E15 | RE1,691 | RE79 | RE1,612 |
| June | E1,916 | E300 | E29 | E14 | RE1,573 | RE73 | RE1,499 |
| July | E1,914 | E299 | E29 | E14 | E1,572 | E73 | E1,499 |
| **1996 YTD** | E14,024 | E2,189 | E213 | E101 | E11,521 | E537 | E10,984 |
| **1995 YTD** | 13,976 | 2,135 | 210 | 73 | 11,557 | 539 | 11,018 |
| **1994 YTD** | 13,616 | 1,862 | 233 | 135 | 11,386 | 515 | 10,871 |

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

[b] Extraction loss is only collected on an annual basis. Annually it is between 4 and 5 percent of marketed production. Monthly extraction loss is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

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

R = Revised Data.

E = Estimated Data.

RE = Revised Estimated Data.

Notes: Data for 1990 through 1994 are final. All other data are preliminary unless otherwise indicated. Data for the most recent two months are derived from the Short-Term Integrated Forecasting System. 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, Short-Term Integrated Forecasting System, and 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[d] | Disposition | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total Dry Gas Production | Withdrawals from Storage[a] | Supplemental Gaseous Fuels[b] | Imports | Balancing Item[c] | | Additions to Storage[a] | Exports | Consumption[e] |
| **1990 Total** | 17,810 | 1,986 | 123 | 1,532 | -149 | 21,302 | 2,499 | 86 | 18,716 |
| **1991 Total** | 17,698 | 2,752 | 113 | 1,773 | -500 | 21,836 | 2,672 | 129 | 19,035 |
| **1992 Total** | 17,840 | 2,772 | 118 | 2,138 | -508 | 22,360 | 2,599 | 216 | 19,544 |
| **1993 Total** | 18,095 | 2,799 | 119 | 2,350 | -110 | 23,254 | 2,835 | 140 | 20,279 |
| **1994** | | | | | | | | | |
| January | 1,609 | 841 | 13 | 241 | -122 | 2,582 | 29 | 11 | 2,542 |
| February | 1,442 | 598 | 11 | 199 | 126 | 2,375 | 44 | 13 | 2,318 |
| March | 1,614 | 243 | 10 | 223 | 79 | 2,169 | 100 | 19 | 2,050 |
| April | 1,534 | 61 | 9 | 212 | 130 | 1,945 | 294 | 9 | 1,642 |
| May | 1,588 | 17 | 8 | 206 | 38 | 1,857 | 447 | 8 | 1,402 |
| June | 1,515 | 30 | 8 | 201 | 42 | 1,795 | 397 | 13 | 1,386 |
| July | 1,569 | 19 | 8 | 221 | 4 | 1,821 | 429 | 11 | 1,381 |
| August | 1,576 | 22 | 8 | 219 | -15 | 1,810 | 388 | 14 | 1,408 |
| September | 1,496 | 14 | 8 | 210 | 1 | 1,728 | 360 | 14 | 1,354 |
| October | 1,554 | 47 | 9 | 222 | -119 | 1,711 | 229 | 13 | 1,469 |
| November | 1,596 | 204 | 10 | 226 | -204 | 1,832 | 100 | 19 | 1,713 |
| December | 1,655 | 465 | 12 | 245 | -220 | 2,157 | 49 | 18 | 2,090 |
| **Total** | 18,747 | 2,562 | 111 | 2,624 | -262 | 23,782 | 2,865 | 162 | 20,755 |
| **1995** | | | | | | | | | |
| January | 1,631 | 622 | 14 | 251 | -58 | 2,460 | 42 | 14 | 2,404 |
| February | 1,457 | 545 | 12 | 228 | 19 | 2,261 | 43 | 13 | 2,204 |
| March | 1,600 | 317 | 12 | 250 | 40 | 2,220 | 102 | 15 | 2,103 |
| April | 1,565 | 123 | 9 | 199 | 78 | 1,974 | 170 | 13 | 1,791 |
| May | 1,623 | 33 | 10 | 217 | 57 | 1,940 | 353 | 13 | 1,574 |
| June | 1,558 | 39 | 10 | 217 | -15 | 1,809 | 393 | 16 | 1,400 |
| July | 1,584 | 53 | 10 | 222 | -4 | 1,865 | 345 | 15 | 1,506 |
| August | 1,570 | 85 | 10 | 231 | -45 | 1,850 | 280 | 14 | 1,557 |
| September | 1,552 | 29 | 9 | 228 | -76 | 1,742 | 328 | 12 | 1,403 |
| October | 1,558 | 67 | 10 | 234 | -116 | 1,753 | 261 | 12 | 1,480 |
| November | E1,560 | 357 | E12 | 225 | -159 | 1,995 | 90 | 13 | 1,892 |
| December | E1,644 | 618 | E14 | 251 | -126 | 2,401 | 52 | 8 | 2,341 |
| **Total** | 18,902 | 2,889 | 132 | 2,753 | -405 | 24,271 | 2,459 | 157 | 21,655 |
| **1996** | | | | | | | | | |
| January | R1,642 | 741 | 14 | R251 | R-3 | R2,645 | 46 | R14 | 2,586 |
| February | R1,543 | 539 | 12 | 228 | R150 | R2,472 | 93 | R13 | R2,366 |
| March | R1,620 | 399 | 12 | R224 | R48 | R2,303 | 75 | R15 | R2,212 |
| April | E1,568 | 110 | E11 | RE237 | R141 | R2,067 | 219 | RE11 | R1,837 |
| May | RE1,612 | R40 | RE8 | RE231 | RE10 | RE1,901 | R364 | RE9 | RE1,528 |
| June | RE1,499 | RE35 | RE8 | RE233 | RE12 | RE1,787 | RE432 | RE11 | RE1,344 |
| July | E1,499 | E40 | E8 | E245 | E-21 | E1,770 | E383 | E12 | E1,376 |
| **1996 YTD** | E10,984 | E1,904 | E74 | E1,648 | E337 | E14,945 | E1,612 | E85 | E13,249 |
| **1995 YTD** | 11,018 | 1,733 | 77 | 1,585 | 117 | 14,529 | 1,449 | 98 | 12,982 |
| **1994 YTD** | 10,871 | 1,809 | 66 | 1,502 | 296 | 14,544 | 1,739 | 84 | 12,721 |

[a] 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.

[b] 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.

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

[d] "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.*

[e] Consists of pipeline fuel use, lease and plant fuel use, and deliveries to consuming sectors as shown in Table 3.

[R] = Revised Data.

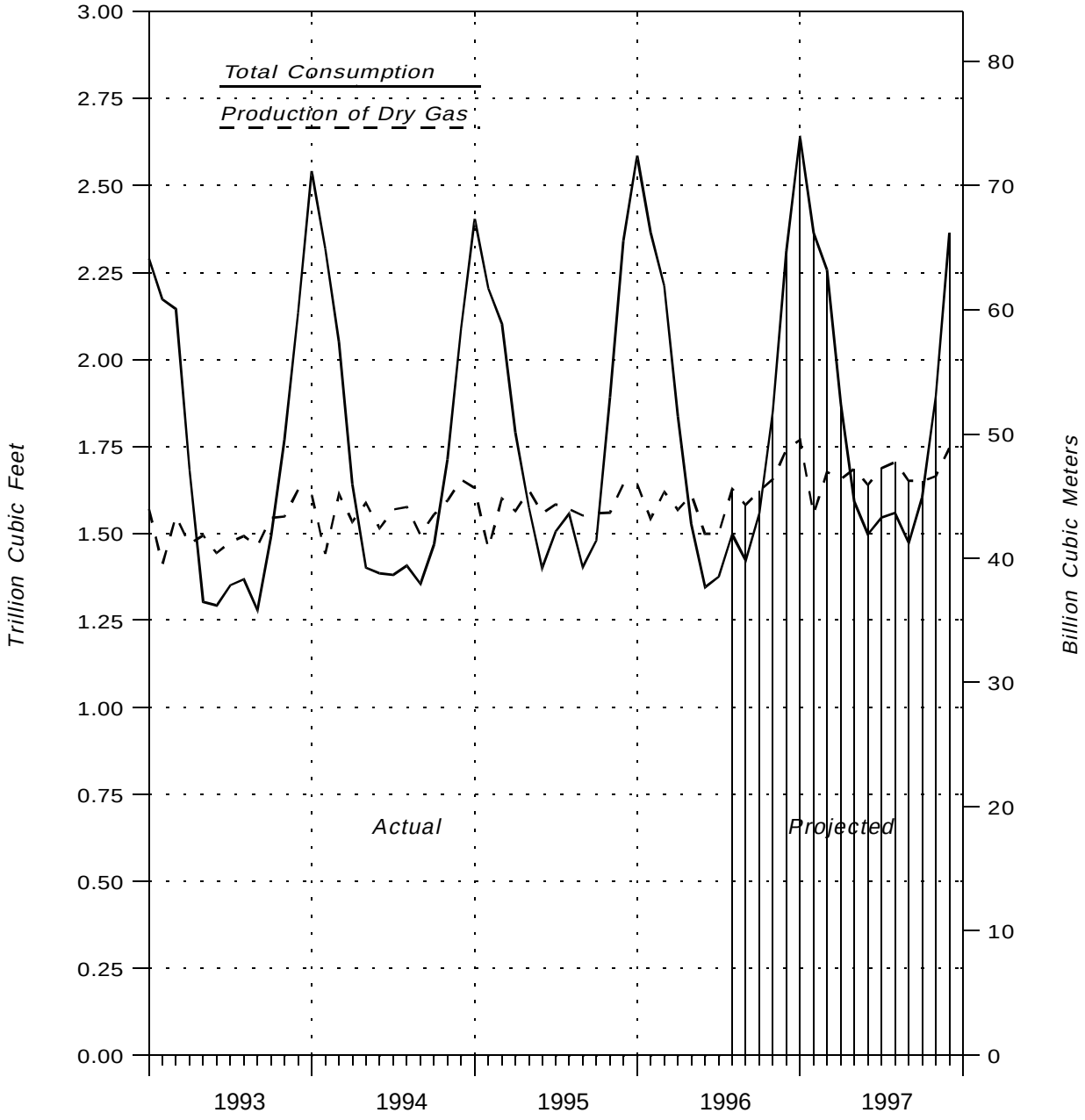
[E] = Estimated Data.

[RE] = Revised Estimated Data.

Notes: • Data for 1990 through 1994 are final. All other data are preliminary unless otherwise indicated. Data for the most recent two months are derived from the Short-Term Integrated Forecasting System. • 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. The most recent two months computations are derived from the Short-Term Integrated Forecasting System. 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**




Sources: *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[a] | Pipeline Fuel[b] | Delivered to Consumers | | | | | Total Consumption |
|---|---|---|---|---|---|---|---|---|
| | | | Residential | Commercial | Industrial | Electric Utilities | Total | |
| **1990 Total** | 1,236 | 660 | 4,391 | 2,623 | 7,018 | 2,787 | 16,820 | 18,716 |
| **1991 Total** | 1,129 | 601 | 4,556 | 2,729 | 7,231 | 2,789 | 17,305 | 19,035 |
| **1992 Total** | 1,171 | 588 | 4,690 | 2,803 | 7,527 | 2,766 | 17,786 | 19,544 |
| **1993 Total** | 1,172 | 624 | 4,956 | 2,863 | 7,981 | 2,682 | 18,483 | 20,279 |
| **1994** | | | | | | | | |
| January | 100 | 85 | 953 | 476 | 758 | 170 | 2,357 | 2,542 |
| February | 89 | 78 | 842 | 436 | 724 | 149 | 2,151 | 2,318 |
| March | 100 | 68 | 631 | 349 | 716 | 186 | 1,882 | 2,050 |
| April | 95 | 54 | 392 | 237 | 660 | 204 | 1,493 | 1,642 |
| May | 98 | 46 | 247 | 163 | 632 | 216 | 1,258 | 1,402 |
| June | 93 | 45 | 154 | 132 | 642 | 319 | 1,247 | 1,386 |
| July | 96 | 45 | 127 | 129 | 622 | 362 | 1,240 | 1,381 |
| August | 97 | 46 | 122 | 121 | 640 | 382 | 1,264 | 1,408 |
| September | 92 | 44 | 130 | 118 | 674 | 296 | 1,217 | 1,354 |
| October | 97 | 48 | 221 | 160 | 680 | 264 | 1,324 | 1,469 |
| November | 100 | 56 | 391 | 236 | 698 | 231 | 1,557 | 1,713 |
| December | 104 | 69 | 638 | 338 | 733 | 208 | 1,917 | 2,090 |
| **Total** | 1,161 | 685 | 4,848 | 2,897 | 8,178 | 2,987 | 18,910 | 20,755 |
| **1995** | | | | | | | | |
| January | 107 | 79 | 813 | 432 | 774 | 199 | 2,218 | 2,404 |
| February | 96 | 73 | 752 | 413 | 703 | 168 | 2,036 | 2,204 |
| March | 105 | 69 | 601 | 345 | 737 | 245 | 1,928 | 2,103 |
| April | 103 | 59 | 420 | 256 | 725 | 229 | 1,630 | 1,791 |
| May | 107 | 52 | 263 | 188 | 707 | 258 | 1,415 | 1,574 |
| June | 102 | 46 | 159 | 135 | 660 | 297 | 1,251 | 1,400 |
| July | 104 | 50 | 131 | 137 | 678 | 407 | 1,352 | 1,506 |
| August | 103 | 51 | 114 | 141 | 679 | 468 | 1,402 | 1,557 |
| September | 102 | 46 | 134 | 143 | 662 | 316 | 1,254 | 1,403 |
| October | 102 | 49 | 217 | 173 | 700 | 240 | 1,329 | 1,480 |
| November | 102 | 62 | 491 | 303 | 735 | 198 | 1,727 | 1,892 |
| December | 108 | 77 | 794 | 430 | 760 | 172 | 2,156 | 2,341 |
| **Total** | 1,241 | 715 | 4,888 | 3,095 | 8,518 | 3,196 | 19,699 | 21,655 |
| **1996** | | | | | | | | |
| January | 108 | 85 | 943 | 496 | 786 | 168 | 2,392 | 2,586 |
| February | R101 | 78 | 845 | 459 | 747 | 137 | 2,187 | R2,366 |
| March | R106 | 73 | 717 | 403 | 757 | 156 | 2,033 | R2,212 |
| April | R103 | R61 | R482 | R296 | R727 | R170 | R1,674 | R1,837 |
| May | RE111 | RE55 | E275 | E185 | E708 | E193 | E1,361 | RE1,528 |
| June | RE101 | E47 | E166 | E138 | E685 | RE207 | RE1,195 | RE1,344 |
| July | E101 | E49 | E135 | E136 | E678 | E277 | E1,226 | E1,376 |
| **1996 YTD** | E731 | E449 | E3,562 | E2,112 | E5,089 | E1,307 | E12,069 | E13,249 |
| **1995 YTD** | 723 | 429 | 3,139 | 1,906 | 4,982 | 1,802 | 11,830 | 12,982 |
| **1994 YTD** | 671 | 421 | 3,345 | 1,923 | 4,754 | 1,606 | 11,628 | 12,721 |

[a] Plant fuel data are only collected on an annual basis and monthly lease fuel data are only collected annually. Lease and plant fuel estimates have been between 6 and 7 percent of marketed production annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

[b] Pipeline fuel use is only collected on an annual basis. Annually it is between 3 and 4 percent of total consumption. Monthly pipeline fuel data are estimated from monthly total consumption (excluding pipeline fuel) by assuming that the preceding annual percentage remains constant for the next twelve months.

R = Revised Data.

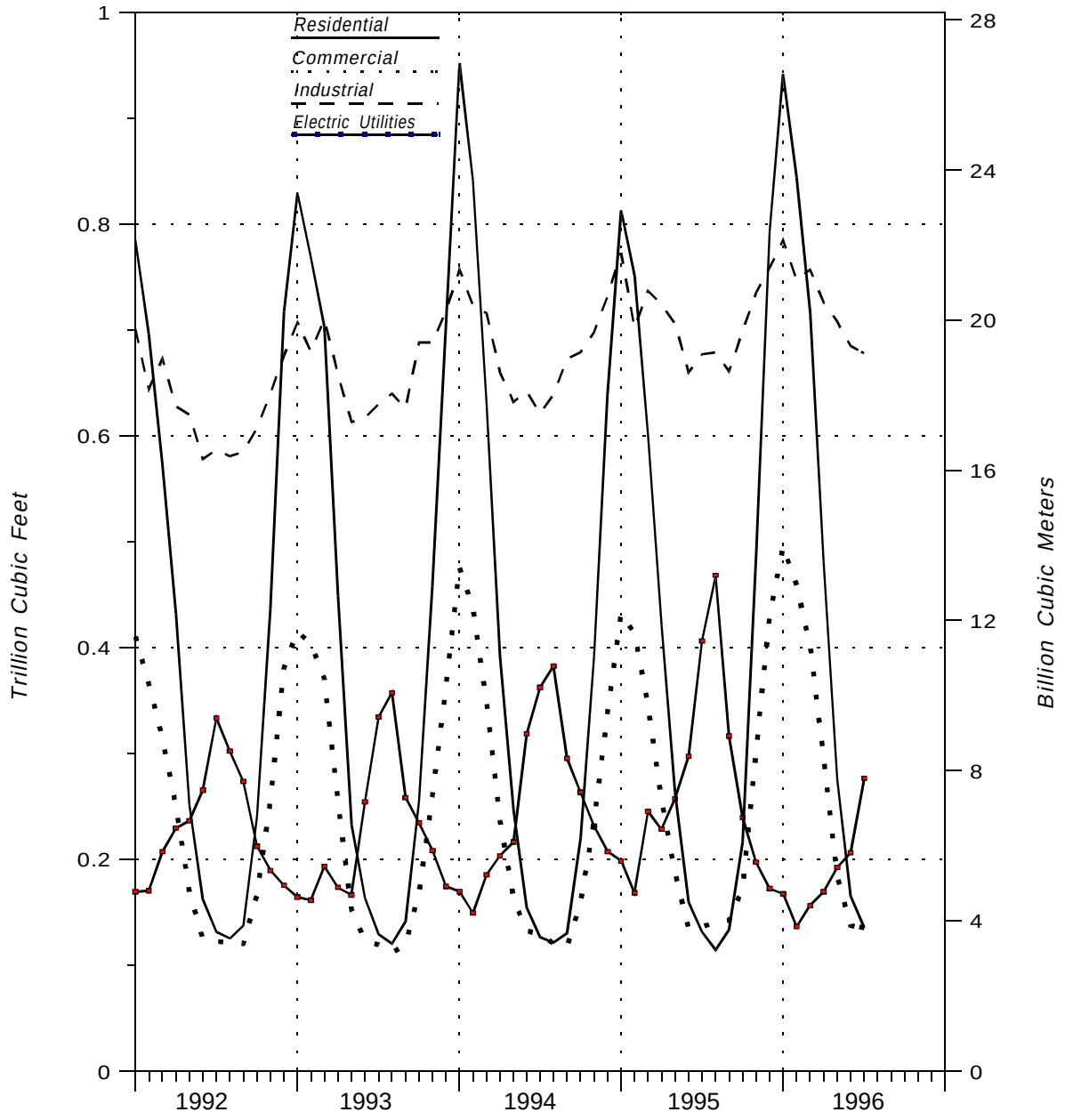
E = Estimated Data.

RE = Revised Estimated Data.

Notes: Data for 1989 through 1994 are final. All other data are preliminary unless otherwise indicated. Data for the most recent three months are derived from the Short-Term Integrated Forecasting System. 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, Form EIA-857; and Short-Term Integrated Forecasting System 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**




Sources: *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)

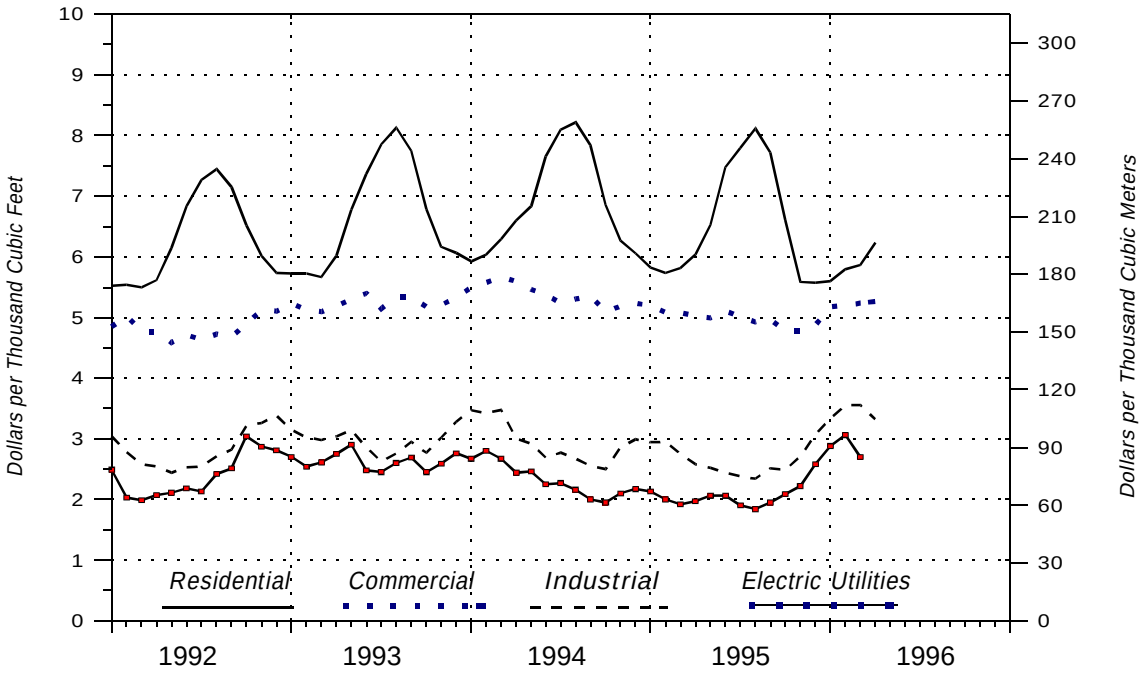
| Year and Month | Wellhead Price[a] | City Gate | Delivered to Consumers | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Residential | Commercial | | Industrial | | Electric Utilities |
| | | | | Price | % of Total[b] | Price | % of Total[b] | |
| **1990 Annual Average** | 1.71 | 3.03 | 5.80 | 4.83 | 86.6 | 2.93 | 35.2 | 2.38 |
| **1991 Annual Average** | 1.64 | 2.90 | 5.82 | 4.81 | 85.1 | 2.69 | 32.7 | 2.18 |
| **1992 Annual Average** | 1.74 | 3.01 | 5.89 | 4.88 | 83.2 | 2.84 | 30.3 | 2.36 |
| **1993 Annual Average** | 2.04 | 3.21 | 6.16 | 5.22 | 83.9 | 3.07 | 29.7 | 2.61 |
| **1994** | | | | | | | | |
| January | 1.86 | 3.04 | 5.93 | 5.50 | 83.8 | 3.47 | 27.6 | 2.67 |
| February | 1.76 | 3.26 | 6.04 | 5.58 | 83.9 | 3.42 | 29.7 | 2.80 |
| March | 1.82 | 3.33 | 6.30 | 5.67 | 83.0 | 3.47 | 28.3 | 2.67 |
| April | 1.90 | 3.15 | 6.60 | 5.60 | 78.8 | 3.00 | 26.8 | 2.44 |
| May | 2.00 | 3.17 | 6.84 | 5.47 | 74.1 | 2.92 | 25.5 | 2.46 |
| June | 1.83 | 3.17 | 7.66 | 5.37 | 70.0 | 2.69 | 23.3 | 2.25 |
| July | 1.81 | 3.12 | 8.10 | 5.25 | 68.8 | 2.77 | 24.0 | 2.27 |
| August | 1.90 | 3.15 | 8.22 | 5.31 | 71.8 | 2.67 | 23.6 | 2.16 |
| September | 1.94 | 2.92 | 7.84 | 5.36 | 72.2 | 2.55 | 22.2 | 2.00 |
| October | 1.85 | 2.80 | 6.86 | 5.10 | 74.0 | 2.50 | 23.9 | 1.95 |
| November | 1.85 | 2.84 | 6.27 | 5.19 | 77.9 | 2.86 | 24.1 | 2.10 |
| December | 1.98 | 2.86 | 6.06 | 5.24 | 82.3 | 2.99 | 25.7 | 2.17 |
| **Annual Average** | 1.88 | 3.07 | 6.41 | 5.44 | 79.3 | 3.05 | 25.5 | 2.28 |
| **1995** | | | | | | | | |
| January | 1.65 | 2.79 | 5.83 | 5.20 | 75.7 | 2.94 | 23.8 | [R]2.13 |
| February | 1.46 | 2.71 | 5.74 | 5.09 | 76.0 | 2.95 | 23.3 | [R]2.00 |
| March | 1.48 | 2.74 | 5.82 | 5.08 | 75.4 | 2.75 | 23.0 | [R]1.92 |
| April | 1.48 | 2.70 | 6.04 | 5.03 | 71.8 | 2.58 | 22.2 | [R]1.97 |
| May | 1.63 | 2.80 | 6.53 | 5.00 | 66.1 | 2.52 | 20.7 | 2.06 |
| June | 1.66 | 2.90 | 7.48 | 5.11 | 66.0 | 2.44 | 21.5 | [R]2.06 |
| July | 1.45 | 2.83 | 7.80 | 5.02 | 60.7 | 2.38 | 19.7 | [R]1.90 |
| August | 1.37 | 2.81 | 8.12 | 4.93 | 58.1 | 2.34 | 19.3 | [R]1.84 |
| September | 1.56 | 2.83 | 7.72 | 4.97 | 59.1 | 2.51 | 19.3 | 1.95 |
| October | 1.60 | 2.84 | 6.61 | 4.78 | 64.0 | 2.49 | 19.5 | [R]2.09 |
| November | 1.71 | 2.67 | 5.59 | 4.78 | 70.7 | 2.71 | 21.4 | [R]2.22 |
| December | 1.98 | 2.84 | 5.58 | 4.88 | 70.6 | 3.07 | 20.6 | [R]2.58 |
| **Annual Average** | [E]1.59 | 2.78 | 6.06 | 5.01 | 70.3 | 2.66 | 21.3 | [R]2.02 |
| **1996** | | | | | | | | |
| January | [R]2.07 | 3.11 | 5.60 | 5.18 | 72.2 | 3.33 | 20.4 | [R]2.88 |
| February | [R]2.04 | 3.17 | 5.80 | 5.20 | 74.8 | 3.55 | 20.2 | [R]3.06 |
| March | [R]2.07 | 3.16 | 5.87 | 5.24 | 74.6 | 3.55 | 19.3 | 2.70 |
| April | [E]2.07 | 3.25 | 6.24 | 5.27 | 71.7 | 3.32 | 18.5 | NA |
| **1996 YTD[c]** | [E]2.06 | 3.16 | 5.83 | 5.22 | 73.4 | 3.44 | 19.6 | 2.87 |
| **1995 YTD** | 1.52 | 2.74 | 5.83 | 5.11 | 75.0 | 2.81 | 23.1 | 2.01 |
| **1994 YTD** | 1.84 | 3.18 | 6.14 | 5.58 | 82.8 | 3.35 | 27.9 | 2.71 |

[a] See Appendix A, Explanatory Note 8, of the *Natural Gas Monthly* (NGM) for discussion of wellhead prices.
[b] Percentage of total deliveries represented by onsystem sales, see Figure 6. See Table 24 for breakdown by State.
[c] Year-to-date price represents months for which price information is available in the current year.
[R] = Revised Data.
[E] = Estimated Data.
NA = Not Available.

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

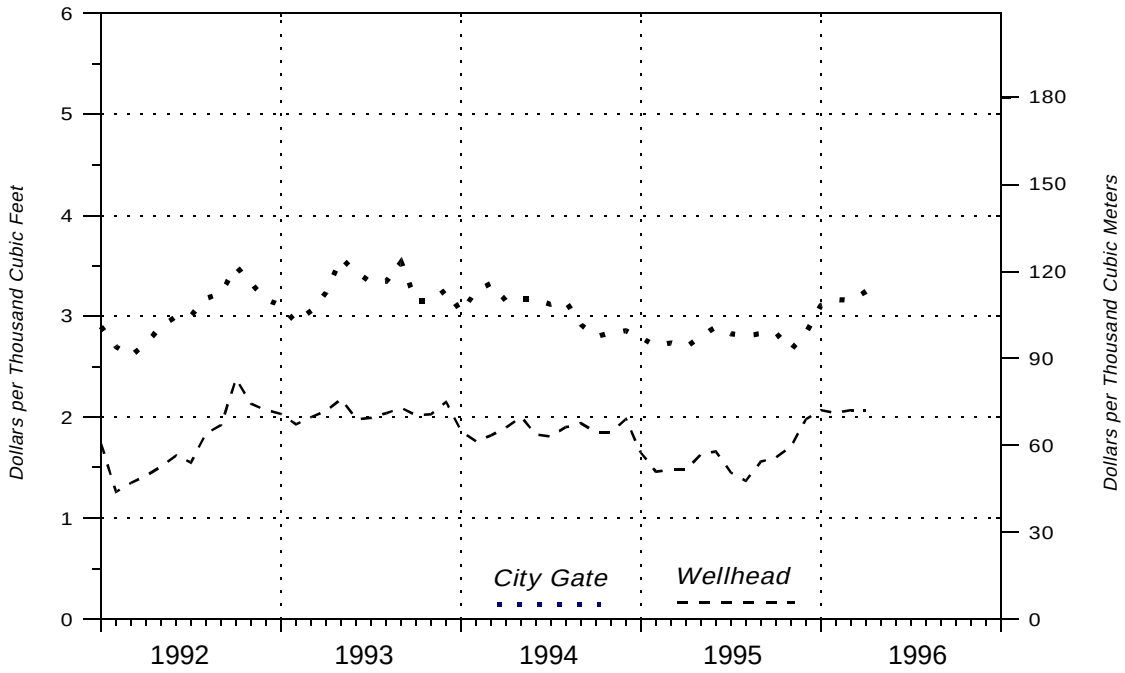
Sources: • Average wellhead price: EIA *Natural Gas Annual 1994,* 1989 through 1994; and EIA estimates, January 1995 through current month See Appendix A, Explanatory Note 8 for estimation procedures and revision policy. • Average City Gate, Residential, Commercial and Industrial average prices for 1989 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**




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

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




Sources: *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 |
| **1990 Total** | 1,448,065 | 1.91 | — | — | 84,193 | 2.47 | 1,532,259 | 1.94 |
| **1991 Total** | 1,709,716 | 1.81 | — | — | 63,596 | 2.36 | 1,773,313 | 1.83 |
| **1992 Total** | 2,094,387 | 1.84 | — | — | 43,116 | 2.54 | 2,137,504 | 1.85 |
| **1993 Total** | 2,266,751 | 2.02 | 1,678 | 1.94 | 81,685 | 2.20 | 2,350,115 | 2.03 |
| **1994** | | | | | | | | |
| 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 |
| **Total** | 2,566,049 | 1.86 | 7,013 | 1.99 | 50,778 | 2.28 | 2,623,839 | 1.87 |
| **1995** | | | | | | | | |
| 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 |
| **Total** | 2,728,780 | 1.47 | 6,720 | 1.53 | 17,918 | 2.25 | 2,753,418 | 1.48 |
| **1996** | | | | | | | | |
| January | 247,111 | R2.04 | R1,498 | R2.03 | 2,460 | R2.81 | R251,070 | R2.05 |
| February | 225,127 | R1.96 | R698 | R2.14 | 2,512 | R2.79 | R228,338 | R1.97 |
| March | R219,987 | R1.90 | R1,259 | R2.17 | 2,599 | R3.06 | R223,845 | R1.91 |
| April | E231,058 | NA | RE1,250 | NA | 4,559 | NA | RE236,867 | NA |
| May | E226,818 | NA | E1,300 | NA | 2,612 | NA | E230,730 | NA |
| **1996 YTD** | E1,150,102 | NA | E6,005 | NA | 14,743 | NA | E1,170,850 | NA |
| **1995 YTD** | 1,134,540 | 1.44 | 308 | 1.44 | 10,280 | 2.05 | 1,145,129 | 1.45 |
| **1994 YTD** | 1,038,808 | 2.09 | 5,918 | 2.03 | 35,567 | 2.29 | 1,080,294 | 2.09 |

R = Revised Data.
E = Estimated Data.
RE = 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 |
| **1990 Total** | 17,359 | 2.70 | 15,659 | 1.88 | 52,546 | 3.59 | 85,565 | 3.10 |
| **1991 Total** | 14,791 | 1.91 | 60,448 | 1.76 | 54,005 | 3.71 | 129,244 | 2.59 |
| **1992 Total** | 67,777 | 1.83 | 95,973 | 1.90 | 52,532 | 3.43 | 216,282 | 2.25 |
| **1993 Total** | 44,518 | 2.14 | 39,676 | 2.02 | 55,989 | 3.34 | 140,183 | 2.59 |
| **1994** | | | | | | | | |
| 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 |
| **Total** | 52,556 | 2.43 | 46,500 | 1.68 | 62,682 | 3.18 | 161,738 | 2.50 |
| **1995** | | | | | | | | |
| 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 |
| **Total** | 30,435 | 1.89 | 61,178 | 1.50 | 65,290 | 3.43 | 156,903 | 2.38 |
| **1996** | | | | | | | | |
| January | R6,856 | R3.22 | R1,608 | R1.98 | 5,534 | R3.38 | R13,998 | R3.14 |
| February | R5,275 | R2.74 | R2,000 | R1.82 | 5,619 | R3.29 | R12,894 | R2.84 |
| March | R6,785 | R2.80 | R2,861 | R1.81 | 5,642 | R3.29 | R15,288 | R2.79 |
| April | RE3,000 | NA | E2,000 | NA | 5,653 | NA | RE10,653 | NA |
| May | E3,000 | NA | E2,000 | NA | 3,750 | NA | E8,750 | NA |
| **1996 YTD** | E24,916 | NA | E10,469 | NA | 26,198 | NA | E61,583 | NA |
| **1995 YTD** | 12,504 | 1.88 | 30,582 | 1.47 | 24,110 | 3.41 | 67,196 | 2.24 |
| **1994 YTD** | 30,984 | 2.58 | 7,612 | 2.05 | 21,975 | 2.98 | 60,572 | 2.65 |

R = Revised Data.
E = Estimated Data.
RE = Revised 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[b] | Alaska | California | Colorado | Florida | Kansas |
|---|---|---|---|---|---|---|
| **1990 Total** | 135,276 | 402,907 | 362,748 | 242,997 | 6,483 | 573,603 |
| **1991 Total** | 170,847 | 437,822 | 378,384 | 285,961 | 4,884 | 628,459 |
| **1992 Total** | 355,099 | 443,597 | 365,632 | 323,041 | 6,657 | 658,007 |
| **1993 Total** | 388,024 | 430,350 | 315,851 | 400,985 | 7,085 | 686,347 |
| **1994** | | | | | | |
| January | 44,067 | 42,521 | 27,310 | 38,036 | 577 | 70,766 |
| February | 40,980 | 37,556 | 24,382 | 34,940 | 547 | 61,683 |
| March | 44,744 | 41,925 | 26,375 | 36,897 | 676 | 64,086 |
| April | 43,693 | 38,157 | 25,257 | 37,572 | 602 | 56,981 |
| May | 44,215 | 37,677 | 25,518 | 40,769 | 621 | 58,238 |
| June | 38,749 | 33,374 | 24,511 | 35,514 | 616 | 55,058 |
| July | 45,135 | 34,864 | 24,954 | 37,317 | 676 | 54,985 |
| August | 44,742 | 34,113 | 24,997 | 37,806 | 634 | 52,903 |
| September | 36,261 | 35,287 | 24,657 | 37,957 | 586 | 49,373 |
| October | 44,570 | 38,727 | 26,676 | 39,150 | 712 | 56,433 |
| November | 44,164 | 38,606 | 26,773 | 38,570 | 629 | 62,760 |
| December | 43,953 | 40,616 | 28,017 | 38,681 | 610 | 69,465 |
| **Total** | 515,271 | 453,424 | 309,427 | 453,207 | 7,486 | 712,729 |
| **1995** | | | | | | |
| January | 34,876 | 43,485 | 26,389 | [E]36,559 | 613 | 63,402 |
| February | 30,268 | 37,688 | 23,511 | [E]33,266 | 560 | 55,728 |
| March | 33,833 | 43,226 | 24,449 | [E]35,218 | 615 | 59,720 |
| April | 33,434 | 37,450 | 22,942 | [E]36,106 | 578 | 60,129 |
| May | 34,251 | 36,790 | 23,330 | [E]38,383 | 606 | 60,645 |
| June | 31,517 | 37,413 | 23,653 | [E]35,476 | 537 | 57,860 |
| July | 33,631 | 36,396 | 23,270 | [E]35,542 | 540 | 60,557 |
| August | 31,351 | 38,442 | 24,417 | [E]37,287 | 504 | 58,636 |
| September | 35,039 | 35,407 | 23,379 | [E]36,470 | 508 | 56,237 |
| October | 34,074 | 39,224 | 23,401 | [E]37,741 | 475 | 59,644 |
| November | 35,480 | 41,395 | 23,360 | [E]38,617 | 497 | 62,206 |
| December | 36,488 | 43,262 | 24,728 | [E]41,454 | 504 | [E]66,969 |
| **Total** | 404,243 | 470,177 | 286,828 | [E]442,118 | 6,538 | 721,733 |
| **1996** | | | | | | |
| January | [R]32,816 | 44,811 | 20,482 | [E]39,967 | 518 | [E]62,504 |
| February | [R]30,858 | 40,581 | 22,766 | [E]36,300 | 493 | [R]62,213 |
| March | 33,269 | 43,896 | 24,525 | [E]39,324 | 460 | 62,554 |
| **1996 YTD** | 96,943 | 129,288 | 67,773 | [E]115,591 | 1,471 | [E]187,271 |
| **1995 YTD** | 98,977 | 124,399 | 74,349 | [E]105,043 | 1,787 | 178,850 |
| **1994 YTD** | 129,790 | 122,003 | 78,067 | 109,873 | 1,799 | 196,535 |

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[c] | Michigan | Mississippi | Montana | New Mexico | North Dakota |
|---|---|---|---|---|---|---|
| **1990 Total** | 5,241,989 | 172,151 | 94,616 | 50,429 | 965,104 | 52,169 |
| **1991 Total** | 5,034,361 | 195,749 | 108,031 | 51,999 | 1,038,284 | 53,479 |
| **1992 Total** | 4,914,300 | 194,815 | 91,697 | 53,867 | 1,268,863 | 54,883 |
| **1993 Total** | 4,991,138 | 204,635 | 80,695 | 54,528 | 1,409,429 | 59,851 |
| **1994** | | | | | | |
| January | 436,651 | 27,679 | 5,804 | 4,928 | 129,078 | 5,050 |
| February | 397,986 | 3,071 | 5,339 | 4,469 | 120,160 | 4,584 |
| March | 431,866 | 35,710 | 5,877 | 4,562 | 131,175 | 5,040 |
| April | 419,224 | 7,755 | 5,340 | 4,384 | 126,005 | 5,026 |
| May | 433,420 | 25,719 | 5,339 | 4,078 | 131,960 | 5,139 |
| June | 416,199 | 18,410 | 5,152 | 3,347 | 125,073 | 4,862 |
| July | 429,522 | 20,693 | 5,059 | 3,392 | 126,762 | 4,845 |
| August | 431,138 | 18,210 | 5,430 | 3,753 | 132,240 | 4,790 |
| September | 406,043 | 20,327 | 5,855 | 3,924 | 128,437 | 4,520 |
| October | 424,144 | 15,412 | 4,812 | 4,451 | 133,438 | 4,837 |
| November | 457,483 | 18,566 | 4,621 | 4,476 | 134,477 | 4,615 |
| December | 486,015 | 11,105 | 4,820 | 4,652 | 138,880 | 4,497 |
| **Total** | 5,169,690 | 222,657 | 63,448 | 50,416 | 1,557,684 | 57,805 |
| **1995** | | | | | | |
| January | 455,056 | 23,203 | 7,812 | 4,907 | [E]140,626 | 4,022 |
| February | 401,623 | 16,185 | 7,010 | 4,274 | [E]129,938 | 3,932 |
| March | 439,949 | 24,277 | 7,816 | 4,699 | [E]141,717 | 4,410 |
| April | 434,412 | 18,025 | 7,549 | 4,361 | [E]140,781 | 4,111 |
| May | 454,394 | 20,002 | 8,266 | 4,364 | [E]148,082 | 4,312 |
| June | 434,353 | 25,793 | 7,957 | 3,414 | [E]140,067 | 4,186 |
| July | 445,374 | 23,957 | 8,033 | 3,472 | [E]145,356 | 3,615 |
| August | 428,334 | 19,626 | 8,798 | 3,388 | [E]150,788 | 4,128 |
| September | 428,597 | 22,262 | 8,882 | 3,717 | [E]145,734 | 4,129 |
| October | 399,662 | 20,057 | 8,621 | 4,345 | [E]150,703 | 4,240 |
| November | [E]412,961 | 15,479 | 8,249 | 4,566 | [E]152,601 | 4,019 |
| December | [E]445,922 | 15,972 | 8,379 | 4,691 | [E]157,796 | 4,102 |
| **Total** | [E]5,180,637 | 244,839 | 97,371 | 50,197 | [E]1,744,189 | 49,207 |
| **1996** | | | | | | |
| January | [RE]466,361 | 22,482 | 8,121 | 4,503 | [RE]140,244 | 4,109 |
| February | [RE]438,570 | 19,173 | 7,364 | 4,266 | [RE]130,831 | 3,753 |
| March | [E]444,439 | [E]27,489 | 8,367 | 4,443 | [E]135,272 | 4,048 |
| **1996 YTD** | [E]1,349,370 | [E]69,144 | 23,852 | 13,211 | [E]406,347 | 11,910 |
| **1995 YTD** | 1,296,628 | 63,665 | 22,638 | 13,880 | [E]412,281 | 12,364 |
| **1994 YTD** | 1,266,503 | 66,460 | 17,020 | 13,959 | 380,414 | 14,674 |

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[c] | Utah | Wyoming | Other[a] States | U.S. Total |
|---|---|---|---|---|---|---|
| **1990 Total** | 2,258,471 | 6,343,146 | 145,875 | 735,728 | 810,100 | 18,593,792 |
| **1991 Total** | 2,153,852 | 6,280,654 | 144,817 | 776,528 | 788,328 | 18,532,439 |
| **1992 Total** | 2,017,356 | 6,145,862 | 171,293 | 842,576 | 804,264 | 18,711,808 |
| **1993 Total** | 2,049,942 | 6,249,624 | 225,401 | 634,957 | 793,072 | 18,981,915 |
| **1994** | | | | | | |
| January | 171,629 | 528,320 | 21,029 | 60,965 | E70,808 | 1,685,218 |
| February | 153,271 | 483,081 | 21,411 | 51,424 | E65,111 | 1,509,994 |
| March | 165,150 | 545,090 | 23,603 | 59,852 | E68,246 | 1,690,874 |
| April | 158,384 | 527,495 | 23,079 | 62,747 | E65,098 | 1,606,798 |
| May | 159,520 | 541,019 | 23,787 | 60,321 | E65,755 | 1,663,096 |
| June | 153,088 | 526,702 | 22,146 | 57,577 | E66,378 | 1,586,755 |
| July | 155,458 | 552,899 | 22,953 | 58,805 | E65,145 | 1,643,463 |
| August | 155,504 | 552,428 | 23,515 | 61,520 | E66,755 | 1,650,477 |
| September | 153,321 | 516,610 | 21,778 | 57,555 | E64,180 | 1,566,670 |
| October | 167,006 | 520,820 | 23,073 | 54,632 | E68,312 | 1,627,204 |
| November | 167,314 | 524,747 | 22,151 | 54,457 | E67,048 | 1,671,456 |
| December | 175,216 | 534,628 | 22,333 | 56,164 | E73,810 | 1,733,463 |
| **Total** | 1,934,862 | 6,353,838 | 270,858 | 696,018 | 806,646 | 19,635,467 |
| **1995** | | | | | | |
| January | 158,449 | 540,249 | 22,354 | 77,224 | E71,745 | 1,710,973 |
| February | 141,786 | 488,673 | 21,686 | 65,794 | E66,137 | 1,528,059 |
| March | 155,881 | 538,849 | 24,618 | 69,792 | E69,410 | 1,678,479 |
| April | 150,507 | 529,469 | 24,529 | 70,432 | E66,490 | 1,641,304 |
| May | 159,097 | 549,870 | 22,498 | 70,696 | E67,005 | 1,702,590 |
| June | 149,529 | 531,073 | 15,626 | 69,230 | E66,577 | 1,634,261 |
| July | 150,178 | 539,417 | 17,120 | 68,148 | E66,353 | 1,660,959 |
| August | 153,861 | 536,273 | 17,676 | 65,751 | E67,425 | 1,646,686 |
| September | E153,561 | 522,690 | 18,447 | 67,355 | E65,215 | 1,627,628 |
| October | E157,743 | 532,591 | 16,987 | 74,633 | E69,797 | 1,633,937 |
| November | E156,044 | 521,554 | 18,062 | 72,218 | E69,110 | 1,636,418 |
| December | E160,927 | 541,853 | 20,493 | 75,648 | E75,037 | 1,724,226 |
| **Total** | E1,847,563 | 6,372,561 | 240,095 | 846,921 | E820,301 | 19,825,518 |
| **1996** | | | | | | |
| January | E160,437 | R543,853 | 19,998 | 77,963 | E73,281 | R1,722,449 |
| February | E147,253 | R514,791 | E19,866 | 72,040 | E67,193 | R1,618,312 |
| March | E154,752 | 546,612 | E22,947 | 76,413 | E70,500 | 1,699,308 |
| **1996 YTD** | E462,442 | 1,605,256 | E62,811 | 226,416 | E210,974 | 5,040,069 |
| **1995 YTD** | 456,116 | 1,567,771 | 68,659 | 212,810 | E207,292 | 4,917,510 |
| **1994 YTD** | 490,049 | 1,556,491 | 66,043 | 172,242 | E204,165 | 4,886,086 |

[a] 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.

[b] The 1992, 1993, and 1994 monthly and annual values for Alabama include Federal Offshore production.

[c] Monthly Federal offshore production volumes are included.

R = Revised Data.

E = Estimated Data.

RE = 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, March 1996

(Million Cubic Feet)

| Year and State | Gross Withdrawals | | | Repressuring | Nonhydrocarbon Gases Removed[a] | Vented and Flared | Marketed Production |
|---|---|---|---|---|---|---|---|
| | From Gas Wells | From Oil Wells | Total | | | | |
| Alabama | 36,676 | 895 | 37,571 | 1,873 | 2,216 | 214 | 33,269 |
| Alaska | 16,734 | 286,246 | 302,980 | 258,531 | 0 | 553 | 43,896 |
| California | 7,201 | 27,017 | 34,218 | 9,554 | 94 | 46 | 24,525 |
| Colorado | E31,766 | E8,817 | E40,583 | E1,021 | 0 | E238 | E39,324 |
| Florida | 0 | E505 | 505 | 0 | 45 | 0 | 460 |
| Kansas | 55,197 | 7,527 | 62,724 | 107 | 0 | 63 | 62,554 |
| Louisiana | E391,103 | E58,794 | E449,898 | E3,529 | E0 | E1,930 | E444,439 |
| Michigan | E22,489 | E5,622 | E28,112 | E257 | 0 | E366 | E27,489 |
| Mississippi | E9,715 | 577 | E10,292 | 955 | 152 | 817 | 8,367 |
| Montana | 3,956 | 527 | 4,483 | 6 | 0 | 34 | 4,443 |
| New Mexico | E120,180 | E17,114 | E137,294 | E1,594 | E274 | E154 | E135,272 |
| North Dakota | 1,372 | 3,263 | 4,636 | 230 | 17 | 341 | 4,048 |
| Oklahoma | E130,117 | E24,635 | E154,752 | E0 | E0 | E0 | E154,752 |
| Texas | 484,610 | 117,366 | 601,976 | 38,984 | 13,845 | 2,535 | 546,612 |
| Utah | E25,062 | E4,597 | E29,660 | E875 | 0 | E5,838 | E22,947 |
| Wyoming | 87,554 | 12,766 | 100,320 | 7,464 | 14,837 | 1,605 | 76,413 |
| Other States | E67,825 | E3,944 | E71,769 | E641 | E30 | E598 | E70,500 |
| **Total** | E1,491,558 | E580,213 | E2,071,772 | E325,622 | E31,511 | E15,330 | 1,699,308 |

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

E = Estimated Data.

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

Source: Form EIA-895.

# 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[b] | Volume | Percent | Injections | Withdrawals | Net[c] |
| **1990 Total**[a] | 3,868 | 3,068 | 6,936 | 555 | 22.1 | 2,433 | 1,934 | 499 |
| **1991 Total**[a] | 3,954 | 2,824 | 6,778 | -244 | -8.0 | 2,608 | 2,689 | -80 |
| **1992 Total**[a] | 4,044 | 2,597 | 6,641 | -227 | -8.0 | 2,555 | 2,724 | -168 |
| **1993 Total**[a] | 4,327 | 2,322 | 6,649 | -275 | -10.6 | 2,760 | 2,717 | 43 |
| **1994** | | | | | | | | |
| 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 |
| **Total** | — | — | — | — | — | 2,796 | 2,508 | 288 |
| **1995** | | | | | | | | |
| January | 4,364 | 2,041 | 6,405 | 462 | 29.2 | 42 | 622 | -580 |
| February | 4,367 | 1,539 | 5,905 | 448 | 41.1 | 43 | 545 | -502 |
| March | 4,361 | 1,330 | 5,690 | 372 | 38.8 | 102 | 317 | -215 |
| April | 4,359 | 1,378 | 5,737 | 206 | 17.6 | 170 | 123 | 47 |
| May | 4,392 | 1,667 | 6,059 | 113 | 7.3 | 353 | 33 | 320 |
| June | 4,404 | 2,012 | 6,417 | 116 | 6.1 | 393 | 39 | 354 |
| July | 4,338 | 2,300 | 6,638 | 26 | 1.2 | 345 | 53 | 292 |
| August | 4,338 | 2,494 | 6,832 | -113 | -4.3 | 280 | 85 | 195 |
| September | 4,339 | 2,796 | 7,135 | -116 | -4.0 | 328 | 29 | 299 |
| October | 4,336 | 2,988 | 7,324 | -87 | -2.8 | 261 | 67 | 194 |
| November | 4,339 | 2,718 | 7,057 | -260 | -8.7 | 90 | 357 | -266 |
| December | 4,346 | 2,145 | 6,491 | -461 | -17.7 | 52 | 618 | -567 |
| **Total** | — | — | — | — | — | 2,459 | 2,889 | -430 |
| **1996** | | | | | | | | |
| January | 4,342 | 1,454 | 5,795 | -587 | -28.8 | 46 | 741 | -695 |
| February | 4,336 | 1,015 | 5,351 | -524 | -34.1 | 93 | 539 | -446 |
| March | 4,277 | 752 | 5,029 | -578 | -43.4 | 75 | 399 | -323 |
| April | 4,299 | 843 | 5,142 | -535 | -38.8 | 219 | 110 | 109 |
| May | [R]4,318 | [R]1,146 | [R]5,464 | [R]-521 | [R]-31.3 | [R]364 | [R]40 | [R]324 |
| June | [RE]4,318 | [RE]1,543 | [E]5,862 | [RE]-469 | [RE]-23.3 | [RE]432 | [RE]35 | [RE]397 |
| July | [E]4,318 | [E]1,886 | [E]6,204 | [E]-414 | [E]-18.0 | [E]383 | [E]40 | [E]343 |

[a] Total as of December 31.

[b] 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.

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

[R] = Revised Data.

[E] = Estimated Data.

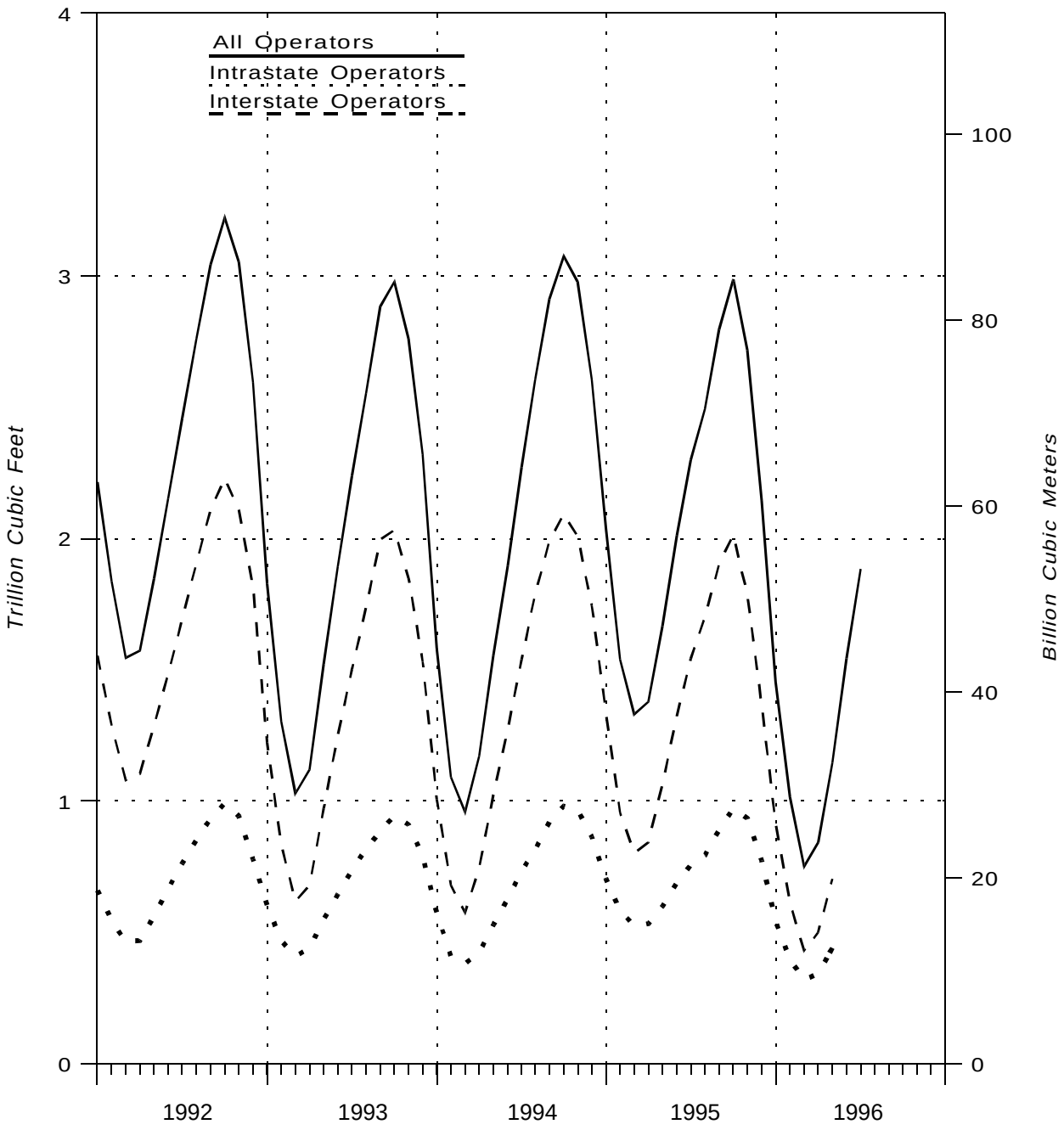
[RE] = Revised Estimated Data.

— = Not Applicable.

Notes: Data for 1989 through 1994 are final. All other data are preliminary unless otherwise noted. Data for the most recent two months ae derived from the Short-Term Integrated Forecasting System. 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.

Sources: Form EIA-191, Form FERC-8, and Form EIA-176, and Short-Term Integrated Forecasting System.

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




Sources: 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[b] | Volume | Percent | Injections | Withdrawals | Net[c] |
| **1990 Total**[a] | 2,496 | 2,203 | 4,699 | 439 | 24.9 | 1,705 | 1,284 | 421 |
| **1991 Total**[a] | 2,571 | 1,985 | 4,556 | -218 | -9.9 | 1,904 | 2,015 | -111 |
| **1992 Total**[a] | 2,652 | 1,819 | 4,471 | -166 | -8.4 | 1,838 | 1,940 | -102 |
| **1993 Total**[a] | 2,939 | 1,531 | 4,470 | -288 | -15.8 | 1,911 | 1,894 | 17 |
| **1994** | | | | | | | | |
| 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 |
| **Total** | — | — | — | — | — | 1,913 | 1,701 | 213 |
| **1995** | | | | | | | | |
| 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 | 1,324 | 4,286 | 54 | 4.3 | 282 | 23 | 259 |
| July | 2,896 | 1,542 | 4,438 | 2 | 0.2 | 249 | 28 | 221 |
| August | 2,893 | 1,700 | 4,593 | -90 | -5.0 | 200 | 44 | 157 |
| September | 2,894 | 1,905 | 4,800 | -87 | -4.3 | 218 | 15 | 203 |
| October | 2,891 | 2,015 | 4,907 | -79 | -3.8 | 157 | 46 | 111 |
| November | 2,895 | 1,784 | 4,679 | -227 | -11.3 | 38 | 266 | -228 |
| December | 2,899 | 1,371 | 4,270 | -371 | -21.3 | 25 | 434 | -409 |
| **Total** | — | — | — | — | — | 1,640 | 2,008 | -368 |
| **1996** | | | | | | | | |
| January | 2,897 | 912 | 3,809 | -424 | -31.7 | 23 | 483 | -460 |
| February | 2,894 | 616 | 3,510 | -340 | -35.5 | 60 | 361 | -301 |
| March | 2,854 | 432 | 3,286 | -371 | -46.2 | 44 | 268 | -224 |
| April | 2,868 | 500 | 3,368 | -344 | -40.8 | 152 | 72 | 80 |
| May | 2,884 | 705 | 3,589 | -362 | -33.9 | 250 | 26 | 223 |

[a] Total as of December 31.

[b] 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; amd 1995 - 5,314.

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

— = 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.

Sources: 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[b] | Volume | Percent | Injections | Withdrawals | Net[c] |
| **1990 Total**[a] | 1,372 | 864 | 2,236 | 115 | 15.4 | 728 | 650 | 78 |
| **1991 Total**[a] | 1,383 | 839 | 2,221 | -25 | -2.9 | 705 | 674 | 31 |
| **1992 Total**[a] | 1,392 | 778 | 2,170 | -61 | -7.3 | 717 | 784 | -67 |
| **1993 Total**[a] | 1,388 | 791 | 2,179 | 13 | 1.7 | 826 | 802 | 24 |
| **1994** | | | | | | | | |
| 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 |
| **Total** | — | — | — | — | — | 882 | 807 | 75 |
| **1995** | | | | | | | | |
| January | 1,407 | 705 | 2,113 | 132 | 23.0 | 16 | 184 | -167 |
| February | 1,408 | 583 | 1,991 | 172 | 42.0 | 24 | 148 | -124 |
| March | 1,406 | 527 | 1,932 | 144 | 37.8 | 36 | 95 | -59 |
| April | 1,405 | 534 | 1,939 | 110 | 25.9 | 52 | 45 | 7 |
| May | 1,435 | 600 | 2,036 | 70 | 13.2 | 112 | 16 | 96 |
| June | 1,442 | 688 | 2,130 | 62 | 9.8 | 111 | 16 | 95 |
| July | 1,443 | 758 | 2,201 | 24 | 3.3 | 95 | 25 | 71 |
| August | 1,445 | 794 | 2,239 | -22 | -2.7 | 80 | 41 | 38 |
| September | 1,445 | 891 | 2,335 | -29 | -3.2 | 110 | 14 | 96 |
| October | 1,444 | 973 | 2,417 | -9 | -0.9 | 103 | 21 | 83 |
| November | 1,445 | 934 | 2,378 | -33 | -3.4 | 52 | 91 | -39 |
| December | 1,447 | 774 | 2,221 | -90 | -10.4 | 27 | 185 | -158 |
| **Total** | — | — | — | — | — | 819 | 881 | -61 |
| **1996** | | | | | | | | |
| January | 1,445 | 542 | 1,987 | -164 | -23.2 | 22 | 257 | -235 |
| February | 1,442 | 399 | 1,841 | -184 | -31.6 | 33 | 178 | -145 |
| March | 1,423 | 320 | 1,743 | -207 | -39.2 | 31 | 130 | -99 |
| April | 1,432 | 343 | 1,775 | -191 | -35.7 | 67 | 38 | 29 |
| May | 1,434 | 441 | 1,875 | -159 | -26.5 | 114 | 13 | 101 |

[a] Total as of December 31.

[b] 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.

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

— = 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.

Sources: 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 | |
|---|---|---|---|---|---|---|---|
| | May | April | March | February | January | Total | December |
| Alabama | -367 | -153 | 162 | 17 | 54 | 73 | 400 |
| Arkansas | -1,302 | -44 | 1,259 | 1,115 | 2,112 | 709 | 2,149 |
| California | -20,351 | -12,087 | 1,292 | 25,281 | 47,300 | -27,229 | 25,871 |
| Colorado | -2,147 | 1,308 | 5,105 | 1,486 | 8,699 | -1,480 | 5,355 |
| Illinois | -26,994 | -3,163 | 23,028 | 41,246 | 68,239 | 25,289 | 44,173 |
| Indiana | -163 | 990 | 3,541 | 3,831 | 7,170 | 2,071 | 4,772 |
| Iowa | -1,625 | 2,012 | 6,372 | 8,820 | 16,663 | 6,293 | 15,034 |
| Kansas | -7,724 | -5,531 | 10,743 | 7,491 | 28,184 | 5,823 | 16,923 |
| Kentucky | -6,228 | 396 | 7,956 | 12,252 | 14,488 | 7,386 | 11,431 |
| Louisiana | -12,313 | -1,310 | 24,530 | 23,515 | 41,445 | 55,699 | 46,789 |
| Maryland | -2,189 | 71 | 1,500 | 2,677 | 3,787 | 2,056 | 2,941 |
| Michigan | -58,788 | -14,969 | 52,127 | 82,900 | 131,134 | 124,148 | 117,780 |
| Minnesota | -366 | -88 | 222 | 260 | 781 | 174 | 256 |
| Mississippi | -2,485 | -3,994 | 5,653 | 3,236 | 6,891 | 9,189 | 6,432 |
| Missouri | -1,319 | 293 | 379 | -100 | 1,423 | -197 | 330 |
| Montana | 800 | 645 | 3,877 | 4,792 | 6,207 | 3,601 | 5,251 |
| Nebraska | -1,535 | -287 | 763 | 718 | 1,845 | 5,819 | 1,593 |
| New Mexico | 32 | 496 | 2,160 | 1,575 | 1,312 | 2,244 | 1,490 |
| New York | -13,395 | -2,737 | 8,793 | 12,727 | 14,199 | 14,217 | 17,615 |
| Ohio | -29,421 | -8,540 | 28,688 | 33,716 | 43,949 | 38,773 | 42,851 |
| Oklahoma | -18,357 | -4,610 | 16,742 | 23,625 | 33,114 | 19,103 | 23,331 |
| Oregon | -723 | 132 | 651 | 940 | 1,252 | -880 | 822 |
| Pennsylvania | -46,374 | -22,633 | 43,384 | 64,404 | 80,378 | 59,332 | 75,053 |
| Texas | -28,051 | -17,631 | 43,302 | 46,443 | 72,417 | 36,764 | 45,936 |
| Utah | -5,533 | -188 | 2,388 | 8,372 | 12,335 | 199 | 9,833 |
| Washington | -1,974 | -359 | 536 | 762 | 6,031 | -2,363 | 1,015 |
| West Virginia | -32,729 | -16,154 | 27,054 | 30,565 | 40,250 | 42,008 | 39,310 |
| Wyoming | -2,704 | -644 | 1,095 | 3,404 | 3,410 | 805 | 2,040 |
| **Total** | -324,323 | -108,781 | 323,302 | 446,072 | 695,070 | 429,626 | 566,777 |

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 | | | | | | |
|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May |
| Alabama | 189 | 73 | -592 | -218 | -35 | -42 | -27 |
| Arkansas | 618 | 80 | -157 | -1,390 | -1,494 | -1,312 | -211 |
| California | -2,030 | -18,155 | -15,204 | 1,719 | -13,401 | -26,009 | -26,370 |
| Colorado | -1,487 | -1,207 | -2,824 | -4,279 | -6,114 | -6,104 | -2,203 |
| Illinois | 14,205 | -31,931 | -31,913 | -32,082 | -30,183 | -28,861 | -28,504 |
| Indiana | -839 | -4,446 | -4,769 | -3,727 | -2,859 | -1,793 | -332 |
| Iowa | 10,669 | -7,125 | -11,687 | -14,741 | -10,291 | -8,122 | -3,955 |
| Kansas | 7,650 | -11,033 | -16,573 | 11 | -4,944 | -12,812 | -9,689 |
| Kentucky | 9,297 | -2,525 | -6,767 | -3,846 | -6,817 | -7,628 | -12,771 |
| Louisiana | 24,450 | -14,059 | -23,405 | -1,148 | -20,772 | -27,471 | -18,654 |
| Maryland | 533 | -1,152 | -2,047 | -1,183 | 189 | -2,031 | -2,000 |
| Michigan | 67,143 | -32,417 | -52,327 | -54,311 | -74,426 | -65,457 | -53,090 |
| Minnesota | 3 | -6 | -241 | -231 | -306 | -262 | -331 |
| Mississippi | 9,454 | -2,606 | -6,282 | -753 | -4,194 | -1,638 | -7,168 |
| Missouri | -165 | -124 | -463 | -349 | 11 | 9 | -621 |
| Montana | 3,048 | 554 | -1,096 | -3,206 | -2,917 | -2,139 | -1,280 |
| Nebraska | 1,598 | 743 | -385 | -177 | -278 | -866 | -643 |
| New Mexico | 1,077 | -35 | -519 | 1,090 | -18 | -1,105 | -1,223 |
| New York | 9,682 | -1,692 | -8,915 | -8,278 | -7,292 | -11,195 | -8,567 |
| Ohio | 23,996 | -8,839 | -18,480 | -23,286 | -30,746 | -31,526 | -27,845 |
| Oklahoma | 8,149 | -12,677 | -8,005 | 1,755 | -7,073 | -12,648 | -16,462 |
| Oregon | 58 | 0 | -486 | 0 | -695 | -1,034 | -1,179 |
| Pennsylvania | 44,123 | -21,829 | -43,671 | -39,875 | -33,388 | -52,469 | -42,346 |
| Texas | 12,294 | -7,343 | -18,200 | 7,232 | -1,403 | -17,805 | -23,794 |
| Utah | -1,316 | -525 | -1,474 | -3,472 | -7,110 | -5,954 | -3,468 |
| Washington | -67 | 100 | -2,494 | 271 | -1,413 | -1,551 | -2,570 |
| West Virginia | 23,048 | -14,476 | -17,711 | -8,842 | -22,100 | -24,342 | -24,418 |
| Wyoming | 727 | -1,179 | -1,909 | -1,673 | -1,702 | -1,536 | -451 |
| **Total** | 266,105 | -193,832 | -298,596 | -194,988 | -291,770 | -353,702 | -320,173 |

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 | | |
|---|---|---|---|---|---|---|---|
| | April | March | February | January | Total | December | November |
| Alabama | 0 | 264 | 2 | 60 | -639 | -4 | -20 |
| Arkansas | 130 | 539 | 753 | 1,005 | 2,482 | 597 | 359 |
| California | 2,797 | 7,942 | 4,650 | 30,961 | -5,066 | 25,734 | 16,783 |
| Colorado | 4,715 | 4,979 | 3,502 | 4,187 | -1,100 | 2,926 | 1,390 |
| Illinois | 4,427 | 24,155 | 58,368 | 63,435 | -12,907 | 33,868 | 12,634 |
| Indiana | 647 | 2,523 | 6,896 | 5,997 | -3,576 | 3,083 | -648 |
| Iowa | 672 | 4,469 | 10,876 | 20,494 | -2,764 | 20,371 | 6,758 |
| Kansas | -1,501 | 10,730 | 12,038 | 15,022 | -6,218 | 10,129 | 6,723 |
| Kentucky | -3,464 | 4,533 | 12,619 | 13,324 | -4,845 | 8,399 | -324 |
| Louisiana | -9,576 | 8,682 | 39,086 | 51,776 | -39,794 | 36,322 | 4,098 |
| Maryland | 244 | 105 | 4,244 | 2,213 | 2,090 | 1,597 | 1,016 |
| Michigan | 1,189 | 51,336 | 112,705 | 106,022 | -80,996 | 63,147 | 19,650 |
| Minnesota | 47 | 257 | 477 | 513 | -365 | 68 | 3 |
| Mississippi | -4,717 | 4,052 | 6,286 | 10,324 | -14,446 | 5,228 | -888 |
| Missouri | 271 | 42 | 279 | 584 | 85 | -6 | -230 |
| Montana | -798 | 689 | 1,994 | 3,499 | 7,819 | 2,673 | 1,705 |
| Nebraska | 198 | 930 | 995 | 2,112 | -2,471 | 2,003 | -182 |
| New Mexico | -222 | -437 | 2 | 2,144 | -1,379 | 529 | 548 |
| New York | -600 | 5,516 | 13,802 | 14,141 | -1,824 | 8,913 | 2,674 |
| Ohio | 5,132 | 19,784 | 37,613 | 50,118 | -28,576 | 28,025 | 3,858 |
| Oklahoma | -4,420 | 9,874 | 13,614 | 23,665 | -18,838 | 17,759 | 3,825 |
| Oregon | -867 | 440 | 385 | 1,677 | -720 | 638 | 437 |
| Pennsylvania | -13,250 | 28,252 | 92,485 | 66,247 | 823 | 44,846 | 19,352 |
| Texas | -21,928 | 8,400 | 19,831 | 33,544 | -36,228 | 38,575 | -11,223 |
| Utah | -1,001 | 3,407 | 3,388 | 7,889 | -19,587 | 5,275 | 2,363 |
| Washington | -233 | 253 | 2,230 | 2,097 | -1,572 | 1,576 | 391 |
| West Virginia | -5,762 | 12,163 | 41,332 | 43,805 | -14,932 | 24,797 | 7,389 |
| Wyoming | 775 | 1,410 | 1,324 | 2,979 | -2,584 | 2,007 | 659 |
| **Total** | -47,094 | 215,287 | 501,776 | 579,835 | -288,127 | 389,075 | 99,102 |

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 | | | | | | |
|---|---|---|---|---|---|---|---|
| | October | September | August | July | June | May | April |
| Alabama | -54 | -85 | -92 | -102 | -95 | -106 | -70 |
| Arkansas | 64 | -210 | -803 | -563 | -553 | -531 | 310 |
| California | -12,273 | -25,551 | -9,372 | -17,672 | -20,300 | -28,160 | -18,961 |
| Colorado | -288 | -4,976 | -5,087 | -4,180 | -1,718 | -5,507 | 4,857 |
| Illinois | -27,773 | -40,132 | -37,123 | -34,981 | -31,224 | -25,727 | -502 |
| Indiana | -2,947 | -4,141 | -4,529 | -5,189 | -2,451 | 65 | 733 |
| Iowa | -10,323 | -13,446 | -12,403 | -11,997 | -7,623 | -7,152 | -2,548 |
| Kansas | -4,370 | -9,624 | -12,337 | -10,613 | -5,194 | -10,760 | -523 |
| Kentucky | -3,346 | -3,590 | -6,832 | -9,628 | -9,326 | -9,666 | -4,752 |
| Louisiana | -8,896 | -22,378 | -20,856 | -28,666 | -20,626 | -32,189 | -20,332 |
| Maryland | -1,781 | -1,536 | -1,468 | -2,113 | -1,459 | -2,046 | -1,256 |
| Michigan | -30,353 | -64,754 | -75,050 | -72,574 | -72,789 | -71,525 | -41,245 |
| Minnesota | 2 | -150 | -207 | -371 | -374 | -342 | 145 |
| Mississippi | -3,645 | -2,139 | -5,288 | -5,954 | -1,618 | -4,747 | -4,393 |
| Missouri | -207 | -269 | -307 | -316 | -1,355 | -1,454 | 2,155 |
| Montana | -1,033 | -1,772 | -1,086 | -1,352 | -1,807 | -938 | 781 |
| Nebraska | -930 | -2,125 | -336 | -2,125 | -897 | -2,138 | -959 |
| New Mexico | -2,020 | -4,075 | -105 | 194 | -493 | -1,937 | 1,338 |
| New York | -1,373 | -5,006 | -8,906 | -9,125 | -12,251 | -8,805 | -8,999 |
| Ohio | -10,528 | -21,945 | -26,755 | -33,557 | -31,935 | -29,636 | -15,965 |
| Oklahoma | -4,797 | -9,237 | -13,744 | -17,293 | -14,012 | -26,542 | -18,906 |
| Oregon | -255 | -688 | -1,081 | -1,202 | -1,506 | -1,216 | 820 |
| Pennsylvania | -14,950 | -23,836 | -43,337 | -51,484 | -57,942 | -54,248 | -36,655 |
| Texas | -17,141 | -30,517 | -25,090 | -27,928 | -12,148 | -41,962 | -27,458 |
| Utah | -3,871 | -8,505 | -6,264 | -5,499 | -4,054 | -6,074 | -1,367 |
| Washington | -216 | -1,131 | -449 | -1,805 | -1,761 | -2,599 | -2,095 |
| West Virginia | -5,989 | -20,918 | -22,343 | -27,180 | -27,657 | -25,170 | -21,190 |
| Wyoming | -963 | -1,434 | -1,499 | -1,113 | -752 | -1,568 | -875 |
| **Total** | -170,256 | -324,170 | -342,748 | -384,389 | -343,917 | -402,680 | -217,918 |

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, May 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 | 880 | 493 | 1,373 | 233 | 89.5 | 390 | 23 |
| Arkansas | 38,347 | 13,402 | 1,506 | 14,909 | -683 | -31.2 | 1,355 | 54 |
| California | 472,909 | 247,419 | 147,503 | 394,922 | 6,281 | 4.4 | 21,652 | 1,301 |
| Colorado | 108,838 | 47,461 | 15,671 | 63,132 | 1,628 | 11.6 | 3,253 | 1,106 |
| Illinois | 905,260 | 653,386 | 86,385 | 739,772 | -6,156 | -6.7 | 27,315 | 321 |
| Indiana | 113,121 | 74,779 | 16,621 | 91,400 | -2,606 | -13.6 | 1,031 | 869 |
| Iowa | 270,200 | 200,024 | 5,023 | 205,048 | -5,609 | -52.8 | 1,921 | 297 |
| Kansas | 283,603 | 181,501 | 40,701 | 222,202 | -8,059 | -16.5 | 10,149 | 2,425 |
| Kentucky | 215,351 | 106,195 | 48,696 | 154,891 | -24,225 | -33.2 | 6,497 | 270 |
| Louisiana | 549,437 | 267,179 | 65,093 | 332,272 | -61,173 | -48.4 | 21,074 | 8,761 |
| Maryland | 62,000 | 46,677 | 5,275 | 51,952 | -3,097 | -37.0 | 2,248 | 58 |
| Michigan | 1,053,814 | 419,540 | 203,079 | 622,619 | -95,971 | -32.1 | 63,039 | 4,250 |
| Minnesota | 7,000 | 4,623 | 1,301 | 5,924 | -20 | -1.5 | 366 | 0 |
| Mississippi | 124,115 | 77,682 | 22,843 | 100,526 | -11,856 | -34.2 | 5,363 | 2,878 |
| Missouri | 30,564 | 21,600 | 8,250 | 29,850 | 21 | 0.3 | 1,326 | 7 |
| Montana | 375,010 | 167,491 | 55,502 | 222,994 | -14,504 | -20.7 | 1,169 | 1,969 |
| Nebraska | 39,469 | 30,487 | 0 | 30,487 | -4,583 | -100.0 | 1,566 | 31 |
| New Mexico | 94,600 | 27,468 | 4,212 | 31,680 | -5,258 | -55.5 | 1,336 | 1,368 |
| New York | 173,463 | 102,535 | 25,442 | 127,978 | -10,331 | -28.9 | 13,693 | 298 |
| Ohio | 620,544 | 342,026 | 45,900 | 387,926 | -12,168 | -21.0 | 29,946 | 526 |
| Oklahoma | 364,593 | 225,560 | 38,835 | 264,395 | -44,887 | -53.6 | 18,476 | 120 |
| Oregon | 11,623 | 4,896 | 4,119 | 9,015 | -916 | -18.2 | 723 | 0 |
| Pennsylvania | 654,570 | 356,821 | 120,388 | 477,209 | -47,724 | -28.4 | 50,429 | 4,056 |
| Texas | 655,420 | 249,149 | 93,177 | 342,326 | -134,121 | -59.0 | 34,806 | 6,755 |
| Utah | 122,499 | 62,100 | 14,292 | 76,392 | -8,296 | -36.7 | 5,596 | 63 |
| Washington | 33,900 | 22,200 | 6,742 | 28,942 | -4,328 | -39.1 | 2,176 | 202 |
| West Virginia | 466,090 | 304,582 | 48,821 | 353,403 | -23,960 | -32.9 | 34,275 | 1,546 |
| Wyoming | 105,669 | 60,712 | 20,126 | 80,838 | 1,099 | 5.8 | 2,862 | 158 |
| **Total** | 7,954,610 | 4,318,377 | 1,145,999 | 5,464,376 | -521,271 | -31.3 | 364,035 | 39,711 |

Notes: Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

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 | | |
|---|---|---|---|---|---|---|
| | | | | April | March | February |
| Alabama | 37,033 | 29,172 | 32,859 | 6,416 | 8,171 | 11,390 |
| Alaska | 7,814 | 7,456 | 7,010 | 1,424 | 1,918 | 2,419 |
| Arizona | 15,349 | 15,334 | 16,622 | 2,178 | 3,402 | 4,267 |
| Arkansas | 28,763 | 23,755 | 26,112 | 4,853 | 6,156 | 8,726 |
| California | 212,845 | 226,370 | 227,355 | 35,758 | 52,287 | 58,074 |
| Colorado | NA | 53,641 | 54,876 | NA | 15,628 | 18,603 |
| Connecticut | 25,949 | 22,571 | 26,320 | 4,399 | 6,245 | 7,147 |
| Delaware | 6,313 | 5,032 | 5,774 | 1,129 | 1,522 | 1,941 |
| District of Columbia | 10,590 | 8,926 | 10,173 | 1,731 | 2,402 | 3,117 |
| Florida | 9,147 | 7,498 | 7,438 | 1,659 | 2,067 | 2,582 |
| Georgia | 70,533 | 56,173 | 57,934 | 9,867 | 18,136 | 19,402 |
| Hawaii | 201 | 207 | 208 | 49 | 52 | 51 |
| Idaho | 8,038 | 6,910 | 6,288 | 1,314 | 1,847 | 2,509 |
| Illinois | 291,679 | 261,775 | 277,376 | 43,206 | 71,364 | 81,199 |
| Indiana | NA | 88,111 | 97,451 | NA | 25,048 | 28,873 |
| Iowa | 61,387 | 43,812 | 46,869 | 8,738 | 14,904 | 17,269 |
| Kansas | 49,883 | 40,810 | 42,997 | 6,476 | 11,822 | 14,181 |
| Kentucky | 38,497 | 34,693 | 38,065 | 5,654 | 10,345 | 10,166 |
| Louisiana | 35,384 | 28,489 | 31,839 | 5,202 | 7,819 | 10,335 |
| Maine | 520 | 462 | 492 | 81 | 137 | 143 |
| Maryland | 49,778 | 41,163 | 46,184 | 7,283 | 11,919 | 14,441 |
| Massachusetts | 66,195 | 59,154 | 73,162 | 11,621 | 16,615 | 18,545 |
| Michigan | 229,752 | 200,752 | 222,272 | 40,232 | 57,565 | 63,593 |
| Minnesota | 82,248 | 67,837 | 73,446 | 12,323 | 18,813 | 25,331 |
| Mississippi | NA | 15,105 | 17,090 | NA | 3,837 | 5,878 |
| Missouri | 128,394 | 71,254 | 80,921 | 20,455 | 29,094 | 38,080 |
| Montana | 11,514 | 9,683 | 9,418 | 2,087 | 2,639 | 3,517 |
| Nebraska | 26,540 | 24,974 | 27,135 | 4,443 | 6,176 | 8,179 |
| Nevada | 11,795 | 11,374 | 10,907 | 1,884 | 2,903 | 3,264 |
| New Hampshire | 4,035 | 3,642 | 4,070 | 698 | 998 | 1,147 |
| New Jersey | NA | 110,685 | 134,016 | NA | 30,417 | 35,838 |
| New Mexico | 18,413 | 13,979 | 14,973 | 2,736 | 3,278 | 4,893 |
| New York | NA | 208,533 | 232,796 | 41,414 | NA | 61,546 |
| North Carolina | 38,650 | 29,467 | 30,713 | 6,255 | 7,515 | 11,915 |
| North Dakota | 7,076 | 6,205 | 6,540 | 1,347 | 1,639 | 2,159 |
| Ohio | 205,742 | 192,608 | 208,360 | 34,628 | 54,413 | 54,072 |
| Oklahoma | 47,106 | 39,359 | 42,804 | 7,682 | 10,146 | 14,471 |
| Oregon | 17,424 | 15,094 | 14,835 | 2,820 | 4,041 | 5,584 |
| Pennsylvania | 161,109 | 143,106 | 165,888 | 25,610 | 39,762 | 45,352 |
| Rhode Island | 10,956 | 9,676 | 10,722 | 1,831 | 2,664 | 3,119 |
| South Carolina | 19,102 | 15,234 | 15,516 | 2,969 | 3,706 | 5,878 |
| South Dakota | 7,801 | 6,702 | 7,074 | 1,367 | 1,865 | 2,221 |
| Tennessee | NA | 35,069 | 37,880 | NA | 9,684 | 13,700 |
| Texas | 127,819 | 106,599 | 120,482 | 19,001 | 28,066 | 35,545 |
| Utah | 27,085 | 23,521 | 22,935 | 4,540 | 5,419 | 8,571 |
| Vermont | 1,507 | 1,324 | 1,563 | 268 | 354 | 418 |
| Virginia | 46,609 | 37,744 | 40,344 | 6,630 | 11,367 | 13,849 |
| Washington | 32,208 | 28,013 | 26,910 | 5,445 | 7,639 | 10,136 |
| West Virginia | 22,901 | 19,825 | 22,158 | 3,865 | 5,478 | 6,582 |
| Wisconsin | 80,903 | 70,795 | 75,801 | 12,748 | 20,281 | 22,518 |
| Wyoming | NA | 6,441 | 6,131 | NA | NA | NA |
| **Total** | 2,985,649 | 2,586,115 | 2,817,104 | 481,626 | 716,631 | 844,695 |

See footnotes at end of table.

# Table 14. Natural Gas Deliveries to Residential Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1996 | 1995 | | | | |
|---|---|---|---|---|---|---|
| | January | Total | December | November | October | September |
| Alabama | 11,056 | 50,412 | 7,804 | 4,031 | 1,561 | 1,295 |
| Alaska | 2,054 | 15,220 | 2,294 | 1,411 | 866 | 588 |
| Arizona | 5,502 | 26,811 | 3,144 | 1,549 | 1,023 | 876 |
| Arkansas | 9,028 | 42,160 | 7,214 | 3,612 | 1,329 | 1,069 |
| California | 66,726 | 480,285 | 56,745 | 37,841 | 23,274 | 22,029 |
| Colorado | 18,727 | 104,288 | 12,305 | 8,862 | 5,661 | 2,613 |
| Connecticut | 8,159 | 40,598 | 6,475 | 3,422 | 1,468 | 981 |
| Delaware | 1,721 | 8,312 | 1,208 | 556 | 226 | 172 |
| District of Columbia | 3,339 | 15,704 | 2,582 | 1,247 | 453 | 401 |
| Florida | 2,840 | 14,759 | 1,822 | 1,023 | 680 | 741 |
| Georgia | 23,127 | 114,928 | 21,112 | 14,921 | 6,117 | 3,343 |
| Hawaii | 49 | 573 | 45 | 43 | 44 | 45 |
| Idaho | 2,368 | 13,000 | 1,748 | 1,364 | 628 | 304 |
| Illinois | 95,909 | 502,557 | 81,665 | 64,531 | 26,707 | 13,761 |
| Indiana | 33,318 | 160,526 | 26,789 | 18,246 | 6,862 | 3,600 |
| Iowa | 20,478 | 86,790 | 16,697 | 10,010 | 4,455 | 2,126 |
| Kansas | 17,404 | 75,677 | 13,348 | 6,768 | 3,417 | 1,801 |
| Kentucky | 12,332 | 66,910 | 12,425 | 9,337 | 3,169 | 1,354 |
| Louisiana | 12,030 | 52,057 | 7,375 | 4,340 | 2,049 | 1,796 |
| Maine | 159 | 920 | 151 | 104 | 48 | 31 |
| Maryland | 16,135 | 76,355 | 12,902 | 7,553 | 2,926 | 2,094 |
| Massachusetts | 19,415 | 105,467 | 15,880 | 9,083 | 3,945 | 2,655 |
| Michigan | 68,363 | 373,286 | 60,284 | 39,054 | 17,348 | 9,603 |
| Minnesota | 25,782 | 128,960 | 21,673 | 14,869 | 6,948 | 3,261 |
| Mississippi | 6,143 | 26,144 | 4,145 | 2,253 | 611 | 461 |
| Missouri | 40,766 | NA | NA | 11,305 | 4,257 | 2,836 |
| Montana | 3,272 | 19,373 | 2,622 | 2,182 | 1,319 | 646 |
| Nebraska | 7,743 | 43,939 | 6,034 | 4,029 | 1,537 | 1,032 |
| Nevada | 3,744 | 20,686 | 2,357 | 1,349 | 817 | 677 |
| New Hampshire | 1,193 | 6,508 | 991 | 550 | 254 | 175 |
| New Jersey | 40,315 | 200,738 | 33,800 | 18,808 | 7,597 | 5,137 |
| New Mexico | 7,506 | 28,484 | 4,693 | 3,055 | 1,332 | 821 |
| New York | 69,469 | 376,307 | 56,852 | 32,851 | 13,469 | 9,405 |
| North Carolina | 12,966 | 49,726 | 8,641 | 4,476 | 1,412 | 945 |
| North Dakota | 1,931 | NA | 1,688 | 1,090 | NA | 251 |
| Ohio | 62,630 | 354,800 | 58,290 | 40,737 | 17,247 | 7,363 |
| Oklahoma | 14,806 | 67,869 | 9,797 | 4,955 | 2,489 | 1,689 |
| Oregon | 4,979 | 27,952 | 3,953 | 2,512 | 1,108 | 688 |
| Pennsylvania | 50,385 | 259,388 | 42,826 | 26,892 | 11,031 | 5,473 |
| Rhode Island | 3,342 | 17,342 | 2,550 | 1,293 | 651 | 459 |
| South Carolina | 6,549 | 25,163 | 4,422 | 2,262 | 646 | 474 |
| South Dakota | 2,348 | 12,473 | 1,809 | 1,318 | 691 | 304 |
| Tennessee | 14,278 | 60,104 | 9,192 | 7,221 | 1,806 | 1,084 |
| Texas | 45,206 | 206,125 | 31,704 | 18,711 | 8,960 | 7,190 |
| Utah | 8,555 | 48,975 | 7,214 | 4,684 | 3,857 | 1,970 |
| Vermont | 467 | 2,299 | 353 | 176 | 86 | 54 |
| Virginia | 14,763 | 68,744 | 12,694 | 7,063 | 2,313 | 1,468 |
| Washington | 8,988 | 52,692 | 7,618 | 5,679 | 2,337 | 1,413 |
| West Virginia | 6,975 | 34,782 | 5,726 | 3,542 | 1,408 | 725 |
| Wisconsin | 25,356 | 135,991 | 22,959 | 16,636 | 6,993 | 3,932 |
| Wyoming | NA | NA | NA | NA | NA | NA |
| **Total** | 942,697 | 4,888,481 | 793,639 | 490,951 | 216,612 | 133,667 |

See footnotes at end of table.

# Table 14. Natural Gas Deliveries to Residential Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1995 | | | | | |
|---|---|---|---|---|---|---|
| | August | July | June | May | April | March |
| Alabama | 1,315 | 1,418 | 1,584 | 2,233 | 3,738 | 7,680 |
| Alaska | 448 | 534 | 680 | 943 | 1,573 | 1,912 |
| Arizona | 856 | 966 | 1,245 | 1,818 | 2,421 | 2,837 |
| Arkansas | 953 | 1,022 | 1,275 | 1,930 | 3,049 | 5,836 |
| California | 20,962 | 25,623 | 28,934 | 38,508 | 43,750 | 52,476 |
| Colorado | 2,527 | 3,383 | 6,120 | 9,175 | 9,914 | 12,907 |
| Connecticut | 877 | 1,037 | 1,383 | 2,384 | 4,124 | 5,780 |
| Delaware | 173 | 194 | 259 | 492 | 848 | 1,391 |
| District of Columbia | 379 | 431 | 472 | 813 | 1,300 | 2,241 |
| Florida | 652 | 728 | 760 | 855 | 1,132 | 1,622 |
| Georgia | 3,023 | 3,024 | 3,227 | 3,988 | 6,066 | 10,642 |
| Hawaii | 43 | 47 | 50 | 49 | 49 | 52 |
| Idaho | 254 | 338 | 539 | 915 | 1,273 | 1,503 |
| Illinois | 9,980 | 11,738 | 12,091 | 20,309 | 42,577 | 55,062 |
| Indiana | 2,817 | 3,073 | 3,689 | 7,340 | 13,007 | 19,452 |
| Iowa | 1,468 | 1,617 | 1,563 | 5,042 | 8,645 | 9,305 |
| Kansas | 1,710 | 1,832 | 2,081 | 3,909 | 5,723 | 9,695 |
| Kentucky | 1,134 | 1,223 | 1,143 | 2,432 | 3,700 | 7,501 |
| Louisiana | 1,672 | 1,738 | 2,194 | 2,406 | 3,688 | 6,564 |
| Maine | 24 | 24 | 28 | 48 | 81 | 112 |
| Maryland | 1,881 | 1,945 | 2,228 | 3,663 | 6,096 | 9,481 |
| Massachusetts | 2,350 | 2,633 | 3,594 | 6,173 | 10,943 | 15,009 |
| Michigan | 6,987 | 7,826 | 10,302 | 21,130 | 35,498 | 48,736 |
| Minnesota | 2,388 | 2,576 | 3,394 | 6,014 | 11,358 | 15,544 |
| Mississippi | 749 | 815 | 864 | 1,141 | 1,714 | 3,681 |
| Missouri | 2,394 | 2,870 | 3,660 | 6,829 | 9,401 | 16,040 |
| Montana | 436 | 522 | 702 | 1,261 | 1,792 | 2,435 |
| Nebraska | 883 | 1,010 | 1,548 | 2,893 | 4,177 | 5,876 |
| Nevada | 655 | 801 | 1,087 | 1,568 | 2,156 | 2,189 |
| New Hampshire | 135 | 160 | 225 | 376 | 688 | 917 |
| New Jersey | 4,537 | 4,941 | 5,623 | 9,610 | 17,813 | 26,451 |
| New Mexico | 823 | 741 | 1,342 | 1,697 | 2,234 | 2,641 |
| New York | 7,739 | 10,133 | 13,915 | 23,410 | 38,333 | 52,695 |
| North Carolina | 804 | 983 | 1,103 | 1,896 | 3,670 | 6,965 |
| North Dakota | 182 | 234 | 388 | 703 | 1,185 | 1,512 |
| Ohio | 6,269 | 7,064 | 8,536 | 16,686 | 30,710 | 43,458 |
| Oklahoma | 1,530 | 1,806 | 2,269 | 3,974 | 5,216 | 10,075 |
| Oregon | 654 | 809 | 1,084 | 2,049 | 2,784 | 3,534 |
| Pennsylvania | 5,012 | 5,570 | 6,661 | 12,818 | 23,594 | 34,475 |
| Rhode Island | 434 | 434 | 689 | 1,157 | 1,776 | 2,550 |
| South Carolina | 397 | 472 | 510 | 746 | 1,584 | 3,604 |
| South Dakota | 204 | 268 | 404 | 774 | 1,242 | 1,605 |
| Tennessee | 1,079 | 1,209 | 1,391 | 2,053 | 3,358 | 8,021 |
| Texas | 6,513 | 7,365 | 7,737 | 11,346 | 14,980 | 25,831 |
| Utah | 1,422 | 1,386 | 1,956 | 2,965 | 4,336 | 5,407 |
| Vermont | 42 | 49 | 79 | 136 | 266 | 333 |
| Virginia | 1,531 | 1,489 | 1,620 | 2,821 | 4,861 | 8,858 |
| Washington | 1,252 | 1,362 | 1,927 | 3,090 | 5,069 | 6,884 |
| West Virginia | 550 | 565 | 690 | 1,751 | 3,128 | 4,528 |
| Wisconsin | 2,695 | 2,696 | 3,485 | 5,798 | 12,172 | 15,779 |
| Wyoming | 354 | 428 | 709 | 1,048 | 1,249 | 1,513 |
| **Total** | 114,147 | 131,150 | 159,038 | 263,164 | 420,041 | 601,196 |

See footnotes at end of table.

# Table 14. Natural Gas Deliveries to Residential Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1995 | | 1994 | | | |
|---|---|---|---|---|---|---|
| | February | January | Total | December | November | October |
| Alabama | 9,314 | 8,441 | 49,748 | 5,034 | 2,602 | 1,495 |
| Alaska | 1,923 | 2,048 | 14,895 | 2,195 | 1,497 | 1,042 |
| Arizona | 4,562 | 5,514 | 29,684 | 4,869 | 2,024 | 1,053 |
| Arkansas | 7,077 | 7,792 | 41,527 | 5,144 | 2,724 | 1,423 |
| California | 50,624 | 79,521 | 520,959 | 76,846 | 56,469 | 25,961 |
| Colorado | 14,509 | 16,311 | 99,504 | 14,571 | 8,388 | 4,013 |
| Connecticut | 6,526 | 6,141 | 41,600 | 4,559 | 2,506 | 1,677 |
| Delaware | 1,459 | 1,333 | 8,557 | 869 | 459 | 259 |
| District of Columbia | 2,880 | 2,505 | 15,865 | 1,746 | 928 | 547 |
| Florida | 2,483 | 2,261 | 13,855 | 1,248 | 829 | 711 |
| Georgia | 18,984 | 20,480 | 105,436 | 15,880 | 9,453 | 5,390 |
| Hawaii | 52 | 53 | 578 | 50 | 47 | 43 |
| Idaho | 1,760 | 2,375 | 12,285 | 2,240 | 1,456 | 584 |
| Illinois | 74,820 | 89,316 | 473,788 | 65,041 | 42,438 | 24,121 |
| Indiana | 27,196 | 28,456 | 157,467 | 20,054 | 12,189 | 7,277 |
| Iowa | 11,793 | 14,069 | 78,260 | 11,494 | 6,693 | 2,862 |
| Kansas | 11,162 | 14,232 | 74,156 | 10,864 | 6,443 | 3,828 |
| Kentucky | 10,988 | 12,504 | 62,533 | 9,175 | 5,209 | 2,820 |
| Louisiana | 8,758 | 9,479 | 52,981 | 5,947 | 2,985 | 2,154 |
| Maine | 139 | 130 | 894 | 117 | 78 | 51 |
| Maryland | 13,229 | 12,356 | 76,688 | 9,314 | 5,425 | 3,356 |
| Massachusetts | 17,341 | 15,861 | 119,642 | 13,611 | 8,010 | 5,164 |
| Michigan | 58,980 | 57,538 | 364,588 | 44,719 | 27,344 | 16,721 |
| Minnesota | 19,843 | 21,092 | 122,249 | 17,328 | 10,383 | 5,431 |
| Mississippi | 4,840 | 4,870 | 27,086 | 3,098 | 1,542 | 921 |
| Missouri | 22,448 | 23,366 | 122,566 | 14,727 | 7,339 | 3,415 |
| Montana | 2,392 | 3,064 | 18,714 | 2,986 | 2,115 | 1,184 |
| Nebraska | 6,978 | 7,943 | 44,397 | 6,076 | 3,169 | 1,523 |
| Nevada | 3,102 | 3,927 | 21,263 | 3,855 | 1,751 | 829 |
| New Hampshire | 1,024 | 1,013 | 6,572 | 762 | 419 | 275 |
| New Jersey | 34,811 | 31,610 | 216,873 | 26,412 | 14,676 | 9,903 |
| New Mexico | 3,883 | 5,221 | 30,868 | 5,084 | 4,024 | 2,174 |
| New York | 60,778 | 56,727 | 385,408 | 43,626 | 27,143 | 17,017 |
| North Carolina | 9,700 | 9,132 | 47,451 | 6,030 | 3,655 | 1,568 |
| North Dakota | 1,704 | 1,803 | 10,661 | 1,446 | 807 | 385 |
| Ohio | 58,624 | 59,816 | 343,331 | 43,460 | 26,029 | 16,773 |
| Oklahoma | 11,328 | 12,740 | 69,211 | 9,411 | 4,292 | 2,163 |
| Oregon | 3,658 | 5,119 | 28,848 | 5,120 | 3,247 | 1,147 |
| Pennsylvania | 44,356 | 40,681 | 268,405 | 32,009 | 18,904 | 12,677 |
| Rhode Island | 2,811 | 2,539 | 17,384 | 1,877 | 1,060 | 736 |
| South Carolina | 5,128 | 4,919 | 23,486 | 3,090 | 1,590 | 734 |
| South Dakota | 1,848 | 2,006 | 12,056 | 1,794 | 1,098 | 503 |
| Tennessee | 11,948 | 11,742 | 57,334 | 7,480 | 3,570 | 1,668 |
| Texas | 29,189 | 36,599 | 213,433 | 27,295 | 15,760 | 9,242 |
| Utah | 6,009 | 7,769 | 48,922 | 8,059 | 6,969 | 3,845 |
| Vermont | 372 | 352 | 2,438 | 277 | 134 | 93 |
| Virginia | 12,556 | 11,468 | 65,176 | 8,605 | 4,667 | 2,880 |
| Washington | 7,035 | 9,026 | 53,144 | 9,135 | 6,171 | 2,558 |
| West Virginia | 6,475 | 5,694 | 35,201 | 4,348 | 2,462 | 1,511 |
| Wisconsin | 20,684 | 22,160 | 128,175 | 17,505 | 11,079 | 6,185 |
| Wyoming | 1,558 | 2,121 | 11,564 | 1,690 | 1,210 | 662 |
| **Total** | 751,639 | 813,239 | 4,847,702 | 638,175 | 391,460 | 220,553 |

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 | | |
|---|---|---|---|---|---|---|
| | | | | April | March | February |
| Alabama | 15,866 | 12,915 | 13,982 | 2,863 | 3,710 | 4,770 |
| Alaska | 11,549 | 10,385 | 8,895 | 2,084 | 2,778 | 3,592 |
| Arizona | 12,317 | 12,096 | 12,631 | 2,538 | 3,007 | 3,145 |
| Arkansas | 17,525 | 14,431 | 15,504 | 2,965 | 3,896 | 5,249 |
| California | 80,073 | 105,389 | 98,198 | 17,260 | 21,607 | 23,193 |
| Colorado | NA | 33,368 | 34,397 | NA | 8,937 | 10,427 |
| Connecticut | 19,836 | 18,840 | 20,386 | 3,528 | 4,844 | 5,472 |
| Delaware | 3,873 | 3,077 | 3,387 | 694 | 889 | 1,186 |
| District of Columbia | 7,538 | 8,565 | 7,239 | 1,893 | 1,537 | 1,952 |
| Florida | 17,034 | 16,039 | 15,815 | 3,933 | 4,173 | 4,280 |
| Georgia | 33,625 | 26,106 | 26,607 | 5,465 | 7,657 | 8,524 |
| Hawaii | 759 | 749 | 745 | 189 | 182 | 190 |
| Idaho | 5,885 | 5,846 | 4,863 | 997 | 1,364 | 1,786 |
| Illinois | 112,233 | 103,827 | 110,648 | 17,327 | 26,510 | 32,463 |
| Indiana | NA | 42,642 | 44,654 | NA | 11,991 | 13,926 |
| Iowa | 29,071 | 26,326 | 26,844 | 4,551 | 7,057 | 8,294 |
| Kansas | NA | 25,750 | 23,689 | 6,313 | NA | 10,064 |
| Kentucky | 22,543 | 19,236 | 21,290 | 3,336 | 5,570 | 6,122 |
| Louisiana | 13,167 | 11,014 | 12,242 | 2,405 | 3,035 | 3,747 |
| Maine | 1,364 | 1,222 | 1,305 | 208 | 356 | 386 |
| Maryland | 24,147 | 22,744 | 22,968 | 3,916 | 5,758 | 6,633 |
| Massachusetts | 45,644 | 39,433 | 46,077 | 8,945 | 11,118 | 12,630 |
| Michigan | 109,311 | 95,770 | 105,398 | 19,518 | 27,609 | 30,085 |
| Minnesota | 54,082 | 46,389 | 46,838 | 9,032 | 12,803 | 16,009 |
| Mississippi | NA | 9,747 | 10,006 | NA | 2,553 | 3,333 |
| Missouri | 40,860 | 35,313 | 41,234 | 6,713 | 9,530 | 11,795 |
| Montana | 7,555 | 6,527 | 6,348 | 1,331 | 1,761 | 2,277 |
| Nebraska | NA | 17,132 | 17,758 | NA | NA | NA |
| Nevada | 8,684 | 8,344 | 8,079 | 1,772 | 2,223 | 2,267 |
| New Hampshire | 3,885 | 3,474 | 3,801 | 654 | 963 | 1,118 |
| New Jersey | 79,206 | 69,769 | 74,466 | 14,342 | 18,924 | 22,520 |
| New Mexico | 12,626 | 11,264 | 10,604 | 2,529 | 2,615 | 3,387 |
| New York | NA | NA | 114,383 | NA | NA | NA |
| North Carolina | 23,702 | 20,438 | 21,007 | 4,052 | 5,244 | 6,946 |
| North Dakota | 6,467 | 6,049 | 6,104 | 1,256 | 1,500 | 1,862 |
| Ohio | 106,647 | 93,324 | 100,116 | 16,747 | 26,511 | 29,576 |
| Oklahoma | 24,573 | 19,822 | 21,021 | 4,137 | 5,282 | 7,545 |
| Oregon | 12,334 | 10,841 | 10,880 | 2,058 | 2,898 | 3,903 |
| Pennsylvania | 84,507 | 70,126 | 78,446 | 13,712 | 20,774 | 23,687 |
| Rhode Island | 6,512 | 6,576 | 6,612 | 996 | 1,605 | 1,918 |
| South Carolina | 9,778 | 8,760 | 8,401 | 1,845 | 2,146 | 2,725 |
| South Dakota | 6,057 | 5,403 | 5,567 | 1,060 | 1,488 | 1,686 |
| Tennessee | NA | 26,746 | 28,055 | NA | 7,255 | 9,109 |
| Texas | 92,680 | 86,620 | 77,948 | 20,006 | 26,005 | 20,200 |
| Utah | 14,766 | 12,961 | 12,502 | 2,480 | 3,130 | 4,605 |
| Vermont | 1,577 | 1,422 | 1,541 | 282 | 384 | 449 |
| Virginia | 28,543 | 27,162 | 26,946 | 5,071 | 7,242 | 7,888 |
| Washington | 22,827 | 20,759 | 19,431 | 4,158 | 5,464 | 6,868 |
| West Virginia | 15,994 | 12,008 | 13,612 | 2,528 | 3,460 | 4,031 |
| Wisconsin | 49,803 | 41,914 | 44,077 | 7,538 | 12,333 | 13,920 |
| Wyoming | NA | 5,151 | 4,705 | NA | NA | NA |
| **Total** | 1,653,489 | 1,446,539 | 1,498,251 | 295,842 | 402,742 | 458,638 |

See footnotes at end of table.

# Table 15. Natural Gas Deliveries to Commercial Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1996 | 1995 | | | | |
|---|---|---|---|---|---|---|
| | January | Total | December | November | October | September |
| Alabama | 4,524 | 26,126 | 3,479 | 2,218 | 1,351 | 1,159 |
| Alaska | 3,096 | 24,964 | 3,190 | 2,460 | 1,846 | 1,366 |
| Arizona | 3,627 | 28,309 | 2,821 | 2,072 | 1,717 | 1,656 |
| Arkansas | 5,416 | 28,083 | 4,449 | 2,307 | 1,203 | 1,078 |
| California | 18,014 | 277,512 | 26,301 | 22,948 | 20,834 | 19,597 |
| Colorado | 10,418 | 67,829 | 7,399 | 5,795 | 4,002 | 2,249 |
| Connecticut | 5,993 | 36,703 | 4,188 | 2,802 | 1,512 | 1,275 |
| Delaware | 1,104 | 5,588 | 833 | 378 | 204 | 201 |
| District of Columbia | 2,156 | 17,047 | 2,195 | 1,117 | 795 | 766 |
| Florida | 4,648 | 40,587 | 3,906 | 3,188 | 2,855 | 2,832 |
| Georgia | 11,979 | 56,420 | 7,942 | 5,632 | 3,381 | 2,459 |
| Hawaii | 198 | 2,199 | 177 | 178 | 179 | 179 |
| Idaho | 1,737 | 11,032 | 1,301 | 998 | 591 | 392 |
| Illinois | 35,932 | 204,513 | 30,628 | 22,366 | 11,981 | 7,134 |
| Indiana | 15,950 | 82,592 | 12,952 | 9,110 | 4,188 | 2,614 |
| Iowa | 9,170 | 50,262 | 7,653 | 5,575 | 2,941 | 1,658 |
| Kansas | 11,643 | 66,365 | 11,223 | 4,396 | 2,130 | 9,787 |
| Kentucky | 7,515 | 38,376 | 6,298 | 4,718 | 1,890 | 1,249 |
| Louisiana | 3,980 | 23,783 | 2,563 | 1,825 | 1,411 | 1,328 |
| Maine | 413 | 2,426 | 389 | 254 | 129 | 86 |
| Maryland | 7,841 | 46,837 | 7,545 | 4,862 | 1,917 | 2,062 |
| Massachusetts | 12,951 | 82,591 | 11,977 | 7,598 | 4,035 | 3,540 |
| Michigan | 32,098 | 187,581 | 28,860 | 19,101 | 9,405 | 6,159 |
| Minnesota | 16,238 | 98,638 | 14,331 | 9,917 | 5,471 | 6,485 |
| Mississippi | 3,512 | 20,205 | 2,717 | 1,787 | 814 | 697 |
| Missouri | 12,821 | 65,655 | 9,382 | 5,791 | 2,794 | 2,170 |
| Montana | 2,186 | 13,387 | 1,884 | 1,443 | 892 | 516 |
| Nebraska | NA | NA | NA | NA | NA | NA |
| Nevada | 2,422 | 18,675 | 1,864 | 1,439 | 1,146 | 1,005 |
| New Hampshire | 1,151 | 6,514 | 989 | 619 | 285 | 197 |
| New Jersey | 23,419 | 139,682 | 21,086 | 11,734 | 6,367 | 5,732 |
| New Mexico | 4,095 | 26,154 | 3,187 | 2,396 | 1,500 | 1,353 |
| New York | NA | NA | 30,575 | 24,554 | 13,366 | 10,791 |
| North Carolina | 7,460 | 39,815 | 5,611 | 3,476 | 1,857 | 1,699 |
| North Dakota | 1,850 | 12,942 | 1,712 | 2,566 | 546 | 332 |
| Ohio | 33,814 | 173,528 | 27,197 | 18,497 | 7,857 | 4,594 |
| Oklahoma | 7,609 | 37,933 | 4,975 | 2,746 | 1,740 | 1,754 |
| Oregon | 3,475 | 23,370 | 2,835 | 2,136 | 2,005 | 979 |
| Pennsylvania | 26,335 | 143,823 | 23,306 | 20,176 | 6,713 | 4,171 |
| Rhode Island | 1,993 | 12,471 | 1,494 | 1,176 | 561 | 285 |
| South Carolina | 3,062 | 18,831 | 2,385 | 1,669 | 1,052 | 1,040 |
| South Dakota | 1,823 | 10,535 | 1,433 | 1,104 | 645 | 353 |
| Tennessee | 9,588 | 53,174 | 5,496 | 4,867 | 2,619 | 2,055 |
| Texas | 26,470 | 223,144 | 28,940 | 16,444 | 13,658 | 11,037 |
| Utah | 4,550 | 26,857 | 3,729 | 2,608 | 1,907 | 1,089 |
| Vermont | 462 | NA | 409 | 242 | NA | 95 |
| Virginia | 8,342 | 56,469 | 8,139 | 5,676 | 2,658 | 2,095 |
| Washington | 6,337 | 43,170 | 5,290 | 4,064 | 2,320 | 2,244 |
| West Virginia | 5,976 | 23,931 | 3,402 | 1,427 | 1,527 | 1,131 |
| Wisconsin | 16,012 | 83,209 | 13,436 | 10,324 | 4,769 | 2,182 |
| Wyoming | NA | NA | NA | NA | NA | NA |
| **Total** | 496,268 | 3,095,478 | 430,218 | 302,746 | 172,605 | 142,760 |

See footnotes at end of table.

# Table 15. Natural Gas Deliveries to Commercial Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1995 | | | | | |
|---|---|---|---|---|---|---|
| | August | July | June | May | April | March |
| Alabama | 1,127 | 1,162 | 1,255 | 1,460 | 1,947 | 3,358 |
| Alaska | 1,301 | 1,325 | 1,489 | 1,603 | 2,362 | 2,896 |
| Arizona | 1,822 | 1,844 | 2,022 | 2,260 | 2,561 | 2,708 |
| Arkansas | 1,042 | 1,031 | 1,179 | 1,363 | 2,073 | 3,565 |
| California | 18,115 | 20,313 | 19,092 | 24,922 | 24,046 | 23,513 |
| Colorado | 2,354 | 2,676 | 4,122 | 5,864 | 6,513 | 7,881 |
| Connecticut | 1,868 | 1,677 | 1,914 | 2,627 | 3,517 | 4,963 |
| Delaware | 165 | 178 | 219 | 334 | 516 | 836 |
| District of Columbia | 745 | 820 | 885 | 1,159 | 1,609 | 2,090 |
| Florida | 2,766 | 2,985 | 2,945 | 3,071 | 3,445 | 3,921 |
| Georgia | 2,790 | 2,544 | 2,633 | 2,933 | 3,755 | 5,881 |
| Hawaii | 178 | 186 | 188 | 185 | 183 | 185 |
| Idaho | 346 | 361 | 488 | 708 | 952 | 1,818 |
| Illinois | 6,779 | 6,192 | 6,314 | 9,293 | 15,725 | 23,342 |
| Indiana | 2,335 | 2,244 | 2,453 | 4,055 | 6,547 | 9,544 |
| Iowa | 1,122 | 1,278 | 1,447 | 2,260 | 4,077 | 5,479 |
| Kansas | 4,916 | 2,610 | 2,173 | 3,379 | 4,260 | 5,763 |
| Kentucky | 1,102 | 1,138 | 1,063 | 1,682 | 2,097 | 4,464 |
| Louisiana | 1,308 | 1,216 | 1,542 | 1,577 | 1,840 | 2,748 |
| Maine | 71 | 70 | 77 | 128 | 211 | 288 |
| Maryland | 1,720 | 1,610 | 1,992 | 2,385 | 3,731 | 4,463 |
| Massachusetts | 3,359 | 3,406 | 3,935 | 5,308 | 7,699 | 9,961 |
| Michigan | 5,653 | 5,580 | 6,310 | 10,743 | 17,788 | 23,151 |
| Minnesota | 6,886 | 2,221 | 2,627 | 4,311 | 7,770 | 10,595 |
| Mississippi | 1,252 | 953 | 1,097 | 1,143 | 1,376 | 2,367 |
| Missouri | 2,114 | 2,128 | 2,383 | 3,580 | 4,982 | 8,169 |
| Montana | 373 | 401 | 484 | 866 | 1,236 | 1,641 |
| Nebraska | 4,744 | 3,868 | 1,753 | 2,374 | 2,985 | 4,061 |
| Nevada | 975 | 1,079 | 1,266 | 1,557 | 1,784 | 1,866 |
| New Hampshire | 165 | 188 | 227 | 369 | 632 | 864 |
| New Jersey | 5,343 | 5,640 | 5,642 | 8,369 | 12,453 | 17,705 |
| New Mexico | 1,256 | 1,199 | 1,600 | 2,401 | 2,183 | 2,452 |
| New York | 10,994 | 11,474 | 11,697 | 14,610 | 20,159 | NA |
| North Carolina | 1,575 | 1,587 | 1,687 | 1,884 | 3,286 | 4,517 |
| North Dakota | 323 | 340 | 407 | 669 | 1,138 | 1,461 |
| Ohio | 4,378 | 4,664 | 4,946 | 8,072 | 14,014 | 21,680 |
| Oklahoma | 1,458 | 1,466 | 1,711 | 2,261 | 2,852 | 4,988 |
| Oregon | 879 | 959 | 1,160 | 1,578 | 2,063 | 2,551 |
| Pennsylvania | 3,898 | 3,891 | 4,392 | 7,150 | 11,834 | 16,637 |
| Rhode Island | 563 | 399 | 544 | 872 | 1,309 | 1,822 |
| South Carolina | 954 | 949 | 979 | 1,043 | 1,380 | 2,101 |
| South Dakota | 259 | 307 | 395 | 636 | 1,035 | 1,298 |
| Tennessee | 2,150 | 4,707 | 2,070 | 2,465 | 3,400 | 6,179 |
| Texas | 18,804 | 17,413 | 12,329 | 17,898 | 19,469 | 22,468 |
| Utah | 900 | 862 | 1,123 | 1,677 | 2,432 | 2,951 |
| Vermont | 72 | 70 | 89 | 140 | 277 | 352 |
| Virginia | 2,439 | 2,372 | 2,565 | 3,363 | 4,568 | 6,471 |
| Washington | 1,665 | 1,761 | 2,193 | 2,875 | 3,939 | 5,042 |
| West Virginia | 1,040 | 985 | 1,043 | 1,368 | 1,970 | 2,710 |
| Wisconsin | 2,155 | 1,993 | 2,181 | 4,254 | 7,021 | 9,636 |
| Wyoming | 370 | 447 | 595 | 873 | 992 | 1,225 |
| **Total** | 140,965 | 136,771 | 134,918 | 187,956 | 255,997 | 345,074 |

See footnotes at end of table.

# Table 15. Natural Gas Deliveries to Commercial Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1995 | | 1994 | | | |
|---|---|---|---|---|---|---|
| | February | January | Total | December | November | October |
| Alabama | 3,943 | 3,666 | 25,529 | 2,424 | 1,651 | 1,323 |
| Alaska | 2,727 | 2,400 | 20,698 | 2,702 | 1,937 | 1,508 |
| Arizona | 3,185 | 3,642 | 29,247 | 3,494 | 2,284 | 1,721 |
| Arkansas | 4,289 | 4,505 | 27,410 | 3,136 | 1,898 | 1,275 |
| California | 25,799 | 32,030 | 262,540 | 25,441 | 25,088 | 17,882 |
| Colorado | 9,280 | 9,694 | 65,938 | 9,005 | 5,325 | 3,140 |
| Connecticut | 5,239 | 5,121 | 39,084 | 4,152 | 2,926 | 2,135 |
| Delaware | 915 | 811 | 5,460 | 554 | 345 | 221 |
| District of Columbia | 2,585 | 2,282 | 14,742 | 1,658 | 1,082 | 785 |
| Florida | 4,379 | 4,294 | 40,003 | 3,509 | 3,094 | 2,819 |
| Georgia | 8,297 | 8,173 | 54,053 | 6,256 | 4,361 | 3,315 |
| Hawaii | 180 | 200 | 2,200 | 185 | 189 | 177 |
| Idaho | 1,320 | 1,755 | 10,098 | 1,659 | 1,099 | 572 |
| Illinois | 30,482 | 34,278 | 197,604 | 24,889 | 18,162 | 11,433 |
| Indiana | 13,096 | 13,453 | 75,878 | 9,432 | 6,787 | 3,823 |
| Iowa | 6,848 | 9,921 | 47,927 | 6,492 | 4,562 | 2,340 |
| Kansas | 7,377 | 8,350 | 52,263 | 7,095 | 3,819 | 2,315 |
| Kentucky | 6,211 | 6,464 | 36,746 | 4,721 | 2,945 | 1,926 |
| Louisiana | 3,211 | 3,215 | 24,207 | 2,302 | 1,635 | 1,361 |
| Maine | 373 | 350 | 2,381 | 309 | 207 | 135 |
| Maryland | 7,816 | 6,734 | 44,161 | 5,453 | 3,584 | 2,532 |
| Massachusetts | 11,352 | 10,421 | 84,537 | 8,129 | 5,534 | 4,029 |
| Michigan | 27,880 | 26,952 | 183,082 | 21,605 | 14,512 | 8,797 |
| Minnesota | 13,183 | 14,841 | 83,962 | 11,855 | 7,846 | 4,584 |
| Mississippi | 2,930 | 3,074 | 19,241 | 1,973 | 1,281 | 1,050 |
| Missouri | 10,879 | 11,283 | 66,196 | 7,632 | 4,097 | 2,310 |
| Montana | 1,580 | 2,070 | 12,987 | 2,039 | 1,448 | 860 |
| Nebraska | 4,799 | 5,286 | 38,955 | 4,174 | 2,606 | 2,240 |
| Nevada | 2,141 | 2,553 | 18,730 | 2,594 | 1,544 | 1,148 |
| New Hampshire | 999 | 979 | 6,412 | 743 | 442 | 305 |
| New Jersey | 20,433 | 19,178 | 132,013 | 14,841 | 8,987 | 7,384 |
| New Mexico | 2,522 | 4,106 | 25,025 | 3,242 | 2,761 | 1,917 |
| New York | 29,551 | 28,571 | 223,309 | 24,179 | 16,787 | 12,402 |
| North Carolina | 6,420 | 6,216 | 38,948 | 4,585 | 2,818 | 2,116 |
| North Dakota | 1,653 | 1,797 | 10,791 | 1,190 | 1,242 | 530 |
| Ohio | 29,565 | 28,066 | 166,847 | 20,894 | 12,598 | 7,333 |
| Oklahoma | 5,802 | 6,180 | 36,660 | 4,496 | 2,216 | 1,480 |
| Oregon | 2,685 | 3,542 | 22,977 | 3,558 | 2,402 | 1,214 |
| Pennsylvania | 21,129 | 20,526 | 138,483 | 15,765 | 10,989 | 8,176 |
| Rhode Island | 1,835 | 1,610 | 12,050 | 1,336 | 1,010 | 570 |
| South Carolina | 2,651 | 2,628 | 17,872 | 1,841 | 1,361 | 1,089 |
| South Dakota | 1,472 | 1,598 | 10,280 | 1,467 | 946 | 531 |
| Tennessee | 8,618 | 8,549 | 50,766 | 5,788 | 3,532 | 2,583 |
| Texas | 21,092 | 23,590 | 180,277 | 16,621 | 12,935 | 10,565 |
| Utah | 3,329 | 4,249 | 26,553 | 4,291 | 3,549 | 1,887 |
| Vermont | 406 | 388 | 2,669 | 334 | 187 | 144 |
| Virginia | 8,114 | 8,009 | 52,963 | 6,371 | 4,528 | 3,300 |
| Washington | 5,310 | 6,468 | 43,137 | 6,442 | 4,494 | 2,602 |
| West Virginia | 3,786 | 3,542 | 24,979 | 2,799 | 1,927 | 1,428 |
| Wisconsin | 12,408 | 12,849 | 78,645 | 11,513 | 7,184 | 3,743 |
| Wyoming | 1,264 | 1,670 | 9,248 | 1,272 | 917 | 551 |
| **Total** | 413,340 | 432,129 | 2,896,764 | 338,439 | 235,658 | 159,610 |

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 | | |
|---|---|---|---|---|---|---|
| | | | | April | March | February |
| Alabama | 69,198 | 66,543 | 60,042 | 17,467 | 17,510 | 17,110 |
| Alaska | 23,809 | 22,920 | 19,058 | 6,123 | 6,764 | 6,115 |
| Arizona | 8,208 | 9,166 | 7,455 | 2,027 | 2,127 | 1,903 |
| Arkansas | 46,850 | 47,353 | 47,543 | 9,395 | 12,225 | 12,109 |
| California | 204,114 | 219,326 | 215,444 | 52,408 | 49,323 | 51,577 |
| Colorado | NA | 33,817 | 28,501 | NA | 7,196 | 9,416 |
| Connecticut | 10,781 | 12,220 | 10,887 | 2,809 | 3,036 | 2,777 |
| Delaware | 4,611 | 5,226 | 4,586 | 1,046 | 1,314 | 1,082 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 43,731 | 46,409 | 40,202 | 11,548 | 11,663 | 10,950 |
| Georgia | 57,484 | 62,825 | 53,891 | 16,443 | 15,898 | 12,632 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho [a] | NA | 11,499 | 9,970 | 2,856 | 3,206 | 3,062 |
| Illinois | 133,494 | 120,508 | 122,657 | 28,023 | 32,575 | 33,464 |
| Indiana | NA | 109,029 | 101,124 | NA | 26,126 | 25,586 |
| Iowa | 41,054 | 39,341 | 36,423 | 9,739 | 10,450 | 9,739 |
| Kansas | 39,968 | 44,405 | 66,843 | 8,982 | 9,669 | 10,589 |
| Kentucky | 33,311 | 34,835 | 30,406 | 7,302 | 8,478 | 7,906 |
| Louisiana | 331,140 | 349,532 | 325,604 | 87,235 | 83,507 | 86,417 |
| Maine | 628 | 605 | 538 | 134 | 159 | 164 |
| Maryland | 15,755 | 16,680 | 14,719 | 4,971 | 3,834 | 3,294 |
| Massachusetts | 32,751 | 39,756 | 33,900 | 8,256 | 8,627 | 6,960 |
| Michigan | 136,414 | 126,239 | 128,697 | 31,012 | 35,451 | 35,465 |
| Minnesota | 38,324 | 37,263 | 33,016 | 10,138 | 10,632 | 8,347 |
| Mississippi | NA | 29,213 | 33,403 | NA | 7,296 | 7,076 |
| Missouri | 28,685 | 25,588 | 26,914 | 6,434 | 7,065 | 7,224 |
| Montana | 6,236 | 5,977 | 4,609 | 1,311 | 1,497 | 1,563 |
| Nebraska | 11,020 | 13,580 | 12,643 | 2,598 | 2,881 | 2,688 |
| Nevada | 10,416 | 9,456 | 9,533 | 2,524 | 2,649 | 2,545 |
| New Hampshire | 1,477 | 1,539 | 1,404 | 400 | 390 | 330 |
| New Jersey | 67,650 | 74,356 | 70,540 | 17,426 | 15,569 | 16,487 |
| New Mexico | 7,095 | 7,143 | 5,929 | 1,698 | 1,562 | 1,911 |
| New York | NA | 120,026 | 76,824 | 27,091 | NA | 23,933 |
| North Carolina | 31,881 | 35,724 | 30,067 | 8,670 | 8,975 | 6,916 |
| North Dakota | 2,397 | 2,462 | 2,250 | 609 | 630 | 578 |
| Ohio | 132,861 | 127,964 | 119,088 | 28,938 | 31,348 | 33,710 |
| Oklahoma | 68,754 | 68,571 | 70,661 | 15,078 | 17,754 | 16,829 |
| Oregon | 25,941 | 23,081 | 20,753 | 5,970 | 6,376 | 6,164 |
| Pennsylvania | 102,172 | 91,988 | 84,181 | 20,831 | 22,803 | 22,032 |
| Rhode Island | 9,005 | 11,388 | 11,310 | 2,087 | 1,833 | 1,647 |
| South Carolina | 27,931 | 32,753 | 30,359 | 8,163 | 7,564 | 6,225 |
| South Dakota | 3,560 | 2,375 | 1,933 | 550 | 1,684 | 698 |
| Tennessee | NA | 46,813 | 44,040 | NA | 10,061 | 10,371 |
| Texas | NA | 575,446 | 640,832 | 173,580 | 181,980 | NA |
| Utah | 14,720 | 16,387 | 12,710 | 3,435 | 3,636 | 3,721 |
| Vermont | 623 | 781 | 702 | 133 | 223 | 148 |
| Virginia | 33,530 | 27,116 | 27,264 | 5,952 | 9,912 | 9,400 |
| Washington | 37,769 | 39,133 | 35,426 | 8,821 | 9,105 | 9,791 |
| West Virginia | 17,820 | 17,865 | 16,930 | 4,024 | 4,407 | 4,128 |
| Wisconsin | 61,303 | 59,419 | 55,343 | 13,095 | 16,120 | 14,918 |
| Wyoming | NA | 16,040 | 20,999 | NA | NA | NA |
| **Total** | 3,016,913 | 2,937,686 | 2,858,155 | 726,661 | 757,441 | 747,041 |

See footnotes at end of table.

# Table 16. Natural Gas Deliveries to Industrial Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1996 | 1995 | | | | |
|---|---|---|---|---|---|---|
| | January | Total | December | November | October | September |
| Alabama | 17,111 | 201,381 | 17,354 | 16,933 | 16,840 | 16,275 |
| Alaska | 4,807 | 65,044 | 5,401 | 4,835 | 4,526 | 4,422 |
| Arizona | 2,152 | 25,333 | 2,094 | 2,042 | 2,036 | 1,942 |
| Arkansas | 13,121 | 138,799 | 12,004 | 12,087 | 11,997 | 10,701 |
| California | 50,804 | 687,287 | 56,206 | 55,397 | 59,245 | 59,615 |
| Colorado | 7,087 | 90,100 | 8,158 | 6,619 | 5,560 | 6,983 |
| Connecticut | 2,159 | 34,780 | 3,496 | 3,165 | 2,531 | 2,557 |
| Delaware | 1,170 | 16,411 | 1,092 | 1,376 | 1,427 | 1,373 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 9,571 | 132,348 | 10,661 | 11,280 | 10,735 | 9,920 |
| Georgia | 12,511 | 194,390 | 15,731 | 16,669 | 16,498 | 14,556 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho [a] | NA | 33,491 | 3,142 | 2,955 | 3,122 | 2,478 |
| Illinois | 39,431 | 322,296 | 35,637 | 32,290 | 25,159 | 22,054 |
| Indiana | 28,214 | 280,564 | 27,462 | 25,210 | 21,434 | 19,340 |
| Iowa | 11,126 | 117,560 | 10,893 | 10,731 | 10,646 | 9,082 |
| Kansas | 10,728 | 130,162 | 10,351 | 10,981 | 8,727 | 8,258 |
| Kentucky | 9,625 | 92,016 | 8,799 | 8,142 | 7,610 | 6,508 |
| Louisiana | 73,982 | 1,030,240 | 80,990 | 81,937 | 86,597 | 84,788 |
| Maine | 171 | 1,993 | 169 | 242 | 199 | 155 |
| Maryland | 3,656 | 48,924 | 2,847 | 4,020 | 4,676 | 3,367 |
| Massachusetts | 8,908 | 108,549 | 9,857 | 9,073 | 7,507 | 7,782 |
| Michigan | 34,486 | 331,542 | 32,641 | 28,138 | 24,996 | 22,514 |
| Minnesota | 9,208 | 94,128 | 9,481 | 8,288 | 8,579 | 4,073 |
| Mississippi | 6,417 | 79,790 | 7,011 | 7,052 | 5,157 | 4,559 |
| Missouri | 7,961 | 64,978 | 6,068 | 5,892 | 5,198 | 4,617 |
| Montana | 1,865 | 17,848 | 1,841 | 1,766 | 1,652 | 1,296 |
| Nebraska | 2,852 | 39,932 | 2,894 | 3,744 | 2,810 | 3,150 |
| Nevada | 2,699 | 29,851 | 2,631 | 2,545 | 2,313 | 2,571 |
| New Hampshire | 357 | 4,578 | 346 | 448 | 414 | 348 |
| New Jersey | 18,169 | 206,671 | 18,748 | 17,500 | 16,163 | 16,555 |
| New Mexico | 1,924 | 18,708 | 1,766 | 1,736 | 841 | 1,527 |
| New York | 21,976 | NA | 31,657 | 26,949 | NA | 24,085 |
| North Carolina | 7,319 | 107,013 | 8,159 | 9,267 | 9,396 | 9,028 |
| North Dakota | 581 | NA | 629 | 2,359 | NA | 413 |
| Ohio | 38,866 | 339,374 | 35,841 | 31,069 | 27,014 | 24,177 |
| Oklahoma | 19,093 | 197,792 | 15,470 | 16,820 | 16,921 | 15,416 |
| Oregon | 7,431 | 70,810 | 6,418 | 8,705 | 5,218 | 5,246 |
| Pennsylvania | 36,506 | 244,794 | 21,548 | 23,278 | 18,539 | 17,644 |
| Rhode Island | 3,438 | 34,892 | 3,516 | 3,744 | 2,044 | 3,578 |
| South Carolina | 5,979 | 99,206 | 6,963 | 8,287 | 8,338 | 8,138 |
| South Dakota | 629 | 7,063 | 714 | 743 | 561 | 482 |
| Tennessee | 12,188 | 124,890 | 10,285 | 10,385 | 10,350 | 11,245 |
| Texas | 187,313 | 1,812,437 | 162,401 | 155,020 | 159,097 | 149,679 |
| Utah | 3,928 | 42,434 | 3,774 | 3,386 | 3,404 | 3,124 |
| Vermont | 119 | 2,226 | 262 | 228 | 187 | 118 |
| Virginia | 8,266 | 96,277 | 9,802 | 7,038 | 7,332 | 8,591 |
| Washington | 10,052 | NA | 9,415 | 9,635 | NA | NA |
| West Virginia | 5,261 | 51,558 | 4,522 | 4,835 | 4,530 | 3,986 |
| Wisconsin | 17,170 | 152,927 | 16,728 | 14,955 | 11,814 | 10,128 |
| Wyoming | NA | NA | NA | NA | NA | NA |
| **Total** | 785,770 | 8,518,117 | 759,554 | 735,299 | 699,998 | 661,902 |

See footnotes at end of table.

# Table 16. Natural Gas Deliveries to Industrial Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1995 | | | | | |
|---|---|---|---|---|---|---|
| | August | July | June | May | April | March |
| Alabama | 17,597 | 16,997 | 16,513 | 16,331 | 15,926 | 17,381 |
| Alaska | 5,876 | 5,514 | 6,206 | 5,344 | 5,705 | 6,443 |
| Arizona | 1,939 | 1,824 | 2,038 | 2,251 | 2,320 | 2,636 |
| Arkansas | 11,564 | 11,027 | 10,744 | 11,321 | 10,834 | 12,138 |
| California | 59,558 | 60,533 | 57,885 | 59,522 | 60,716 | 52,610 |
| Colorado | 6,386 | 6,597 | 8,096 | 7,884 | 8,284 | 8,094 |
| Connecticut | 2,509 | 3,390 | 2,419 | 2,493 | 2,938 | 3,381 |
| Delaware | 1,405 | 1,258 | 1,476 | 1,778 | 1,538 | 1,335 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 10,468 | 10,953 | 10,364 | 11,558 | 11,557 | 12,000 |
| Georgia | 18,606 | 17,391 | 15,765 | 16,348 | 17,886 | 15,985 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho [a] | 2,299 | 2,357 | 2,833 | 2,807 | 2,844 | 2,378 |
| Illinois | 21,698 | 19,881 | 21,300 | 23,769 | 25,564 | 28,686 |
| Indiana | 19,495 | 18,385 | 19,058 | 21,150 | 23,243 | 26,226 |
| Iowa | 9,283 | 8,851 | 9,089 | 9,644 | 9,954 | 10,448 |
| Kansas | 15,545 | 11,303 | 8,741 | 11,851 | 10,620 | 11,115 |
| Kentucky | 6,432 | 6,030 | 6,567 | 7,092 | 7,576 | 8,616 |
| Louisiana | 86,126 | 87,291 | 84,407 | 88,572 | 89,454 | 84,735 |
| Maine | 161 | 136 | 155 | 171 | 182 | 150 |
| Maryland | 4,436 | 4,232 | 4,067 | 4,599 | 4,360 | 5,406 |
| Massachusetts | 8,566 | 8,660 | 9,537 | 7,810 | 9,380 | 10,422 |
| Michigan | 23,462 | 22,444 | 24,600 | 26,509 | 30,789 | 31,967 |
| Minnesota | 3,463 | 8,025 | 7,321 | 7,635 | 8,454 | 8,784 |
| Mississippi | 6,537 | 6,526 | 6,625 | 7,111 | 6,514 | 7,595 |
| Missouri | 4,473 | 4,057 | 4,291 | 4,794 | 5,195 | 6,302 |
| Montana | 1,303 | 1,278 | 1,269 | 1,466 | 1,538 | 1,637 |
| Nebraska | 3,524 | 4,055 | 2,960 | 3,214 | 3,283 | 3,434 |
| Nevada | 2,617 | 2,542 | 2,486 | 2,690 | 2,238 | 2,264 |
| New Hampshire | 351 | 361 | 364 | 408 | 503 | 441 |
| New Jersey | 16,614 | 16,571 | 13,838 | 16,325 | 18,433 | 18,234 |
| New Mexico | 1,811 | 1,416 | 1,226 | 1,242 | 1,429 | 1,541 |
| New York | 24,433 | 24,853 | 23,975 | 24,069 | 27,675 | 31,093 |
| North Carolina | 9,332 | 8,327 | 9,072 | 8,708 | 8,507 | 9,563 |
| North Dakota | 431 | 473 | 478 | 530 | 561 | 648 |
| Ohio | 23,638 | 22,331 | 22,476 | 24,864 | 27,891 | 31,444 |
| Oklahoma | 17,769 | 14,739 | 16,472 | 15,615 | 14,824 | 17,101 |
| Oregon | 5,918 | 5,371 | 5,236 | 5,617 | 5,543 | 5,875 |
| Pennsylvania | 17,806 | 17,512 | 17,859 | 18,620 | 21,100 | 23,255 |
| Rhode Island | 3,704 | 2,129 | 1,753 | 3,036 | 3,054 | 2,753 |
| South Carolina | 8,498 | 7,836 | 9,437 | 8,954 | 8,702 | 10,075 |
| South Dakota | 540 | 508 | 563 | 577 | 591 | 546 |
| Tennessee | 11,038 | 6,492 | 10,179 | 8,103 | 12,729 | 11,194 |
| Texas | 138,496 | 160,689 | 145,210 | 166,400 | 152,773 | 148,741 |
| Utah | 3,003 | 2,898 | 3,003 | 3,456 | 3,507 | 3,453 |
| Vermont | 154 | 156 | 162 | 177 | 199 | 192 |
| Virginia | 11,955 | 8,880 | 7,735 | 7,829 | 7,018 | 6,267 |
| Washington | 9,474 | 7,695 | 7,611 | 7,833 | 9,432 | 9,775 |
| West Virginia | 4,059 | 3,688 | 3,853 | 4,220 | 4,126 | 4,649 |
| Wisconsin | 10,859 | 9,387 | 9,071 | 10,565 | 12,995 | 14,438 |
| Wyoming | 3,828 | 3,783 | 3,902 | 3,863 | 4,115 | 3,569 |
| **Total** | 679,040 | 677,628 | 660,286 | 706,724 | 724,602 | 737,016 |

See footnotes at end of table.

# Table 16. Natural Gas Deliveries to Industrial Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1995 | | 1994 | | | |
|---|---|---|---|---|---|---|
| | February | January | Total | December | November | October |
| Alabama | 16,227 | 17,009 | 181,718 | 16,864 | 15,554 | 15,629 |
| Alaska | 4,957 | 5,815 | 61,404 | 5,931 | 5,677 | 6,000 |
| Arizona | 2,120 | 2,090 | 25,869 | 2,169 | 2,274 | 2,250 |
| Arkansas | 11,544 | 12,837 | 133,921 | 12,012 | 11,385 | 11,381 |
| California | 48,562 | 57,438 | 656,751 | 51,275 | 56,926 | 53,621 |
| Colorado | 8,381 | 9,057 | 71,093 | 7,290 | 5,870 | 5,528 |
| Connecticut | 2,961 | 2,941 | 30,647 | 2,784 | 2,787 | 2,641 |
| Delaware | 1,115 | 1,238 | 17,216 | 1,653 | 1,744 | 1,853 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 10,943 | 11,910 | 126,873 | 12,415 | 11,243 | 11,053 |
| Georgia | 13,077 | 15,877 | 173,901 | 15,810 | 15,334 | 16,096 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho [a] | 2,938 | 3,339 | 29,781 | 3,059 | 2,869 | 2,624 |
| Illinois | 32,738 | 33,520 | 305,092 | 34,649 | 24,843 | 22,827 |
| Indiana | 26,032 | 33,528 | 270,128 | 25,585 | 24,248 | 22,836 |
| Iowa | 9,931 | 9,008 | 108,731 | 9,605 | 9,690 | 10,455 |
| Kansas | 8,467 | 14,204 | 187,979 | 16,375 | 20,802 | 16,577 |
| Kentucky | 9,262 | 9,381 | 83,081 | 8,000 | 7,584 | 7,204 |
| Louisiana | 82,889 | 92,454 | 999,034 | 87,359 | 83,573 | 87,887 |
| Maine | 137 | 136 | 1,771 | 155 | 187 | 169 |
| Maryland | 3,534 | 3,380 | 47,691 | 4,481 | 4,150 | 4,414 |
| Massachusetts | 10,083 | 9,870 | 92,798 | 7,797 | 8,231 | 7,596 |
| Michigan | 31,332 | 32,151 | 327,848 | 31,853 | 28,935 | 26,166 |
| Minnesota | 9,090 | 10,936 | 94,468 | 9,744 | 7,810 | 8,739 |
| Mississippi | 7,160 | 7,944 | 96,863 | 8,852 | 7,947 | 7,973 |
| Missouri | 6,699 | 7,392 | 71,602 | 8,590 | 7,561 | 6,126 |
| Montana | 1,259 | 1,543 | 13,940 | 1,548 | 1,339 | 1,355 |
| Nebraska | 3,231 | 3,632 | 36,960 | 3,862 | 3,447 | 2,712 |
| Nevada | 2,256 | 2,698 | 28,867 | 2,517 | 2,413 | 2,500 |
| New Hampshire | 281 | 314 | 4,471 | 328 | 448 | 435 |
| New Jersey | 18,601 | 19,089 | 190,845 | 18,139 | 14,970 | 14,770 |
| New Mexico | 1,399 | 2,775 | 18,741 | 1,587 | 1,810 | 1,861 |
| New York | 30,980 | 30,278 | 214,438 | 22,448 | 19,427 | 17,838 |
| North Carolina | 8,345 | 9,308 | 94,838 | 8,540 | 8,743 | 8,835 |
| North Dakota | 625 | 629 | 5,846 | 557 | 508 | 478 |
| Ohio | 34,194 | 34,435 | 311,123 | 30,825 | 27,690 | 25,328 |
| Oklahoma | 15,503 | 21,142 | 195,909 | 17,033 | 15,980 | 16,310 |
| Oregon | 5,550 | 6,113 | 62,569 | 5,641 | 5,858 | 5,573 |
| Pennsylvania | 23,168 | 24,464 | 236,417 | 22,718 | 20,900 | 20,137 |
| Rhode Island | 2,613 | 2,968 | 40,921 | 3,605 | 3,483 | 4,280 |
| South Carolina | 6,975 | 7,001 | 97,500 | 8,512 | 8,823 | 9,020 |
| South Dakota | 639 | 598 | 5,508 | 614 | 641 | 493 |
| Tennessee | 11,113 | 11,777 | 118,889 | 11,436 | 10,507 | 9,129 |
| Texas | 132,192 | 141,740 | 1,829,478 | 145,151 | 142,888 | 139,628 |
| Utah | 3,966 | 5,460 | 36,618 | 4,545 | 3,357 | 3,224 |
| Vermont | 181 | 210 | 2,023 | 201 | 171 | 175 |
| Virginia | 6,210 | 7,621 | 85,764 | 6,678 | 6,334 | 6,871 |
| Washington | 9,280 | 10,646 | 107,603 | 10,799 | 9,826 | 9,427 |
| West Virginia | 4,370 | 4,720 | 46,774 | 4,369 | 3,931 | 3,656 |
| Wisconsin | 15,506 | 16,481 | 135,106 | 11,026 | 12,289 | 10,811 |
| Wyoming | 3,910 | 4,446 | 60,566 | 5,754 | 5,215 | 7,304 |
| **Total** | 702,525 | 773,543 | 8,177,975 | 732,737 | 698,224 | 679,794 |

[a] Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components. 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[a] Consumers, by State, 1994-1996

(Million Cubic Feet)

| State | YTD 1996 | YTD 1995 | YTD 1994 | 1996 | | |
|---|---|---|---|---|---|---|
| | | | | April | March | February |
| Alabama | 462 | 1,057 | 764 | 112 | 134 | 125 |
| Alaska | 10,609 | 9,988 | 9,506 | 2,434 | 2,763 | 2,573 |
| Arizona | 3,053 | 3,879 | 3,549 | 828 | 649 | 550 |
| Arkansas | 5,535 | 4,523 | 1,979 | 3,663 | 1,181 | 433 |
| California | 70,796 | 120,513 | 174,982 | 18,202 | 13,728 | 15,742 |
| Colorado | 1,060 | 1,240 | 1,556 | 246 | 317 | 305 |
| Connecticut | 379 | 6,484 | 72 | 298 | 28 | 27 |
| Delaware | 6,629 | 8,047 | 3,402 | 1,291 | 1,742 | 939 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 67,766 | 82,123 | 44,232 | 21,801 | 15,876 | 13,992 |
| Georgia | 188 | 473 | 233 | 61 | 98 | 15 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | 0 | 0 | 0 | 0 |
| Illinois | 4,676 | 9,881 | 10,713 | 2,103 | 856 | 421 |
| Indiana | 1,191 | 1,628 | 2,664 | 248 | 233 | 337 |
| Iowa | 901 | 564 | 493 | 289 | 274 | 162 |
| Kansas | 3,723 | 4,964 | 4,239 | 728 | 726 | 701 |
| Kentucky | 500 | 238 | 119 | 139 | 119 | 56 |
| Louisiana | 57,645 | 80,195 | 59,317 | 13,556 | 15,080 | 14,146 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 523 | 2,835 | 1,068 | 220 | 126 | 69 |
| Massachusetts | 5,980 | 12,333 | 3,332 | 2,108 | 1,485 | 1,435 |
| Michigan | 9,306 | 9,017 | 5,807 | 2,011 | 2,100 | 2,214 |
| Minnesota | 1,122 | 1,870 | 897 | 342 | 351 | 200 |
| Mississippi | 14,751 | 28,950 | 11,047 | 4,734 | 3,311 | 2,838 |
| Missouri | 575 | 2,109 | 433 | 184 | 111 | 134 |
| Montana | 107 | 28 | 123 | 4 | 37 | 23 |
| Nebraska | 544 | 492 | 900 | 202 | 139 | 80 |
| Nevada | 10,812 | 9,758 | 5,689 | 2,737 | 2,474 | 2,488 |
| New Hampshire | 1 | 18 | 0 | 0 | 0 | 0 |
| New Jersey | 4,591 | 8,708 | 4,508 | 647 | 483 | 1,291 |
| New Mexico | 7,125 | 10,610 | 9,561 | 1,997 | 2,383 | 861 |
| New York | 18,205 | 62,367 | 20,931 | 5,595 | 5,703 | 3,392 |
| North Carolina | 50 | 254 | 387 | 3 | 3 | 9 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | 381 | 788 | 866 | 46 | 58 | 90 |
| Oklahoma | 30,349 | 38,549 | 33,106 | 7,340 | 7,490 | 6,910 |
| Oregon | 0 | 6,808 | 8,515 | 0 | 0 | 0 |
| Pennsylvania | 951 | 5,592 | 1,973 | 262 | 225 | 120 |
| Rhode Island | 7,292 | 0 | 347 | 1,700 | 2,395 | 1,523 |
| South Carolina | 28 | 712 | 106 | 9 | 9 | 5 |
| South Dakota | 20 | 28 | 22 | 3 | 6 | 10 |
| Tennessee | 29 | 0 | 660 | 0 | 29 | 0 |
| Texas | 278,106 | 290,092 | 273,990 | 72,922 | 72,619 | 61,382 |
| Utah | 553 | 3,519 | 1,842 | 128 | 137 | 151 |
| Vermont | 3 | 58 | 21 | 2 | 0 | 0 |
| Virginia | 1,812 | 6,990 | 3,706 | 107 | 201 | 505 |
| Washington | 149 | 1,209 | 129 | 0 | 57 | 26 |
| West Virginia | 78 | 156 | 80 | 16 | 13 | 16 |
| Wisconsin | 1,289 | 1,252 | 1,093 | 229 | 353 | 271 |
| Wyoming | 12 | 42 | 34 | 0 | 0 | 5 |
| **Total** | 629,844 | 840,900 | 708,997 | 169,547 | 156,102 | 136,567 |

See footnotes at end of table.

# Table 17. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1996 | 1995 | | | | |
|---|---|---|---|---|---|---|
| | January | Total | December | November | October | September |
| Alabama | 92 | 7,377 | 107 | 226 | 260 | 418 |
| Alaska | 2,839 | 29,809 | 2,528 | 2,436 | 2,350 | 2,536 |
| Arizona | 1,025 | 18,846 | 510 | 502 | 375 | 2,738 |
| Arkansas | 258 | 32,750 | 813 | 622 | 2,059 | 4,391 |
| California | 23,123 | 394,698 | 23,944 | 30,266 | 34,916 | 50,120 |
| Colorado | 193 | 3,798 | 259 | 230 | 341 | 377 |
| Connecticut | 26 | 19,310 | 44 | 928 | 1,000 | 1,077 |
| Delaware | 2,657 | 27,010 | 1,964 | 2,478 | 2,356 | 2,341 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 16,097 | 318,854 | 17,056 | 25,857 | 30,486 | 33,168 |
| Georgia | 13 | 7,834 | 17 | 63 | 184 | 235 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | 0 | 0 | 0 | 0 |
| Illinois | 1,296 | 39,143 | 2,782 | 3,216 | 1,456 | 1,228 |
| Indiana | 373 | 8,349 | 671 | 623 | 246 | 166 |
| Iowa | 176 | 3,614 | 145 | 129 | 215 | 278 |
| Kansas | 1,568 | 27,945 | 1,090 | 1,050 | 629 | 2,281 |
| Kentucky | 186 | 866 | 170 | 124 | 30 | 23 |
| Louisiana | 14,863 | 322,923 | 16,716 | 21,614 | 26,302 | 31,977 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 109 | 18,833 | 140 | 435 | 632 | 2,163 |
| Massachusetts | 952 | 64,623 | 1,732 | 3,431 | 5,658 | 7,340 |
| Michigan | 2,981 | 35,784 | 3,540 | 3,217 | 2,521 | 2,961 |
| Minnesota | 229 | 8,292 | 255 | 456 | 562 | 719 |
| Mississippi | 3,868 | 111,229 | 6,426 | 5,181 | 6,374 | 10,892 |
| Missouri | 146 | 12,830 | 234 | 500 | 416 | 808 |
| Montana | 43 | 388 | 27 | 32 | 16 | 26 |
| Nebraska | 123 | 3,059 | 265 | 269 | 246 | 198 |
| Nevada | 3,113 | 40,134 | 2,686 | 2,463 | 3,138 | 4,522 |
| New Hampshire | 0 | 2,248 | 0 | 9 | 2 | 122 |
| New Jersey | 2,171 | 45,897 | 2,199 | 2,576 | 2,133 | 3,362 |
| New Mexico | 1,883 | 31,924 | 1,842 | 2,025 | 1,917 | 2,286 |
| New York | 3,514 | 246,265 | 8,774 | 16,690 | 19,517 | 22,888 |
| North Carolina | 35 | 3,146 | 66 | 114 | 194 | 123 |
| North Dakota | 0 | 1 | 0 | 0 | 0 | 0 |
| Ohio | 187 | 7,459 | 315 | 402 | 179 | 555 |
| Oklahoma | 8,610 | 154,114 | 9,251 | 7,826 | 8,438 | 13,154 |
| Oregon | 0 | 19,136 | 455 | 1,700 | 2,940 | 2,940 |
| Pennsylvania | 344 | 24,697 | 267 | 380 | 1,527 | 2,953 |
| Rhode Island | 1,674 | 5,002 | 2,061 | 1,571 | 426 | 545 |
| South Carolina | 4 | 6,615 | 12 | 10 | 1,064 | 1,441 |
| South Dakota | 1 | 931 | 26 | 35 | 32 | 26 |
| Tennessee | 0 | 2,055 | 0 | 0 | 0 | 49 |
| Texas | 71,184 | 1,047,274 | 61,416 | 55,785 | 75,055 | 97,312 |
| Utah | 138 | 8,707 | 188 | 452 | 865 | 1,245 |
| Vermont | 1 | 138 | 48 | 13 | 3 | 2 |
| Virginia | 998 | 16,414 | 761 | 1,209 | 1,191 | 1,223 |
| Washington | 65 | 6,356 | 12 | 268 | 1,134 | 2,554 |
| West Virginia | 33 | 410 | 23 | 40 | 45 | 18 |
| Wisconsin | 436 | 9,289 | 610 | 465 | 243 | 304 |
| Wyoming | 7 | 128 | 8 | 11 | 8 | 10 |
| **Total** | 167,628 | 3,196,379 | 172,449 | 197,916 | 239,672 | 316,086 |

See footnotes at end of table.

# Table 17. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1995 | | | | | |
|---|---|---|---|---|---|---|
| | August | July | June | May | April | March |
| Alabama | 2,562 | 1,830 | 623 | 293 | 209 | 321 |
| Alaska | 2,706 | 2,333 | 2,319 | 2,615 | 2,335 | 2,580 |
| Arizona | 5,286 | 3,821 | 1,027 | 707 | 1,002 | 969 |
| Arkansas | 7,508 | 5,596 | 4,070 | 3,167 | 2,243 | 1,738 |
| California | 58,660 | 39,441 | 18,651 | 18,187 | 25,880 | 30,550 |
| Colorado | 358 | 326 | 447 | 220 | 282 | 419 |
| Connecticut | 2,352 | 2,810 | 2,202 | 2,414 | 1,645 | 1,969 |
| Delaware | 3,165 | 3,692 | 1,730 | 1,236 | 2,145 | 2,358 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 32,954 | 32,565 | 33,287 | 31,358 | 29,875 | 26,012 |
| Georgia | 3,049 | 2,478 | 706 | 629 | 231 | 82 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | 0 | 0 | 0 | 0 |
| Illinois | 8,989 | 5,877 | 4,308 | 1,406 | 1,759 | 4,034 |
| Indiana | 2,386 | 1,581 | 616 | 432 | 167 | 362 |
| Iowa | 1,196 | 609 | 355 | 123 | 246 | 126 |
| Kansas | 8,016 | 6,111 | 2,590 | 1,212 | 1,307 | 1,209 |
| Kentucky | 87 | 66 | 33 | 95 | 26 | 54 |
| Louisiana | 41,725 | 40,415 | 35,649 | 28,330 | 22,135 | 21,518 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 5,936 | 4,585 | 1,568 | 538 | 535 | 448 |
| Massachusetts | 9,537 | 9,270 | 8,232 | 7,090 | 6,731 | 3,824 |
| Michigan | 5,909 | 3,120 | 3,035 | 2,465 | 2,752 | 2,895 |
| Minnesota | 1,700 | 1,070 | 931 | 729 | 464 | 356 |
| Mississippi | 16,129 | 14,618 | 12,311 | 10,347 | 6,102 | 7,581 |
| Missouri | 3,949 | 2,974 | 1,150 | 689 | 749 | 803 |
| Montana | 141 | 60 | 47 | 14 | 3 | 9 |
| Nebraska | 782 | 483 | 211 | 113 | 134 | 205 |
| Nevada | 5,977 | 5,316 | 3,222 | 3,051 | 1,928 | 2,922 |
| New Hampshire | 547 | 627 | 528 | 395 | 0 | 0 |
| New Jersey | 10,598 | 10,649 | 3,563 | 2,112 | 1,194 | 3,007 |
| New Mexico | 3,692 | 3,727 | 2,839 | 2,986 | 3,044 | 2,450 |
| New York | 35,249 | 34,476 | 25,784 | 20,520 | 16,880 | 18,594 |
| North Carolina | 1,509 | 532 | 158 | 195 | 168 | 74 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | 2,794 | 1,745 | 504 | 178 | 251 | 225 |
| Oklahoma | 25,658 | 22,707 | 15,774 | 12,758 | 12,326 | 10,292 |
| Oregon | 2,932 | 1,132 | 0 | 230 | 842 | 1,582 |
| Pennsylvania | 5,002 | 4,538 | 3,276 | 1,161 | 1,122 | 1,579 |
| Rhode Island | 284 | 108 | 7 | 0 | 0 | 0 |
| South Carolina | 1,897 | 825 | 471 | 185 | 7 | 695 |
| South Dakota | 449 | 230 | 98 | 7 | 6 | 1 |
| Tennessee | 1,251 | 682 | 73 | 0 | 0 | 0 |
| Texas | 137,556 | 129,947 | 103,034 | 97,077 | 79,847 | 90,229 |
| Utah | 1,270 | 146 | 175 | 848 | 900 | 904 |
| Vermont | 2 | 5 | 4 | 3 | 2 | 19 |
| Virginia | 2,171 | 1,408 | 213 | 1,248 | 1,093 | 1,639 |
| Washington | 1,062 | 88 | 21 | 8 | 8 | 108 |
| West Virginia | 29 | 23 | 36 | 39 | 80 | 20 |
| Wisconsin | 3,004 | 2,084 | 1,123 | 204 | 228 | 336 |
| Wyoming | 8 | 32 | 4 | 7 | 7 | 14 |
| **Total** | 468,014 | 406,726 | 297,003 | 257,614 | 228,881 | 245,097 |

See footnotes at end of table.

# Table 17. Natural Gas Deliveries to Electric Utility[a] Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1995 | | 1994 | | | |
|---|---|---|---|---|---|---|
| | February | January | Total | December | November | October |
| Alabama | 244 | 284 | 3,834 | 326 | 266 | 484 |
| Alaska | 2,170 | 2,903 | 29,048 | 2,930 | 2,849 | 2,730 |
| Arizona | 783 | 1,126 | 23,716 | 933 | 1,176 | 1,321 |
| Arkansas | 239 | 303 | 24,977 | 311 | 672 | 2,197 |
| California | 26,826 | 37,257 | 601,290 | 49,192 | 49,380 | 55,942 |
| Colorado | 209 | 330 | 4,881 | 357 | 631 | 146 |
| Connecticut | 1,353 | 1,516 | 8,002 | 940 | 1,278 | 1,614 |
| Delaware | 1,782 | 1,761 | 17,399 | 1,696 | 1,721 | 2,126 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 12,634 | 13,603 | 180,697 | 14,569 | 16,187 | 14,811 |
| Georgia | 82 | 79 | 1,028 | 87 | 54 | 9 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | 0 | 0 | 0 | 0 |
| Illinois | 2,472 | 1,615 | 34,505 | 3,014 | 1,733 | 4,570 |
| Indiana | 547 | 552 | 9,009 | 606 | 395 | 550 |
| Iowa | 78 | 114 | 2,696 | 208 | 152 | 127 |
| Kansas | 1,214 | 1,234 | 27,279 | 1,137 | 1,188 | 2,390 |
| Kentucky | 79 | 78 | 350 | 25 | 26 | 21 |
| Louisiana | 16,135 | 20,408 | 277,116 | 17,953 | 20,325 | 21,008 |
| Maine | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland | 1,191 | 661 | 12,718 | 577 | 461 | 527 |
| Massachusetts | 871 | 906 | 38,567 | 414 | 5,750 | 5,506 |
| Michigan | 1,736 | 1,635 | 18,218 | 1,705 | 1,743 | 1,958 |
| Minnesota | 577 | 473 | 5,826 | 487 | 432 | 674 |
| Mississippi | 7,331 | 7,935 | 82,541 | 7,988 | 8,680 | 10,069 |
| Missouri | 390 | 167 | 4,351 | 195 | 120 | 595 |
| Montana | 4 | 11 | 632 | 48 | 72 | 19 |
| Nebraska | 68 | 85 | 3,061 | 139 | 152 | 159 |
| Nevada | 3,000 | 1,907 | 32,246 | 1,279 | 1,259 | 2,896 |
| New Hampshire | 0 | 17 | 1,277 | 1 | 89 | 135 |
| New Jersey | 2,224 | 2,282 | 42,625 | 2,232 | 2,472 | 2,028 |
| New Mexico | 2,660 | 2,455 | 32,214 | 2,466 | 2,477 | 2,688 |
| New York | 12,171 | 14,721 | 182,521 | 16,100 | 17,535 | 18,695 |
| North Carolina | 13 | 0 | 871 | 4 | 0 | 0 |
| North Dakota | 0 | 0 | 3 | 0 | 0 | 0 |
| Ohio | 246 | 66 | 2,818 | 58 | 69 | 87 |
| Oklahoma | 6,975 | 8,956 | 153,109 | 10,380 | 11,315 | 11,858 |
| Oregon | 1,536 | 2,847 | 26,132 | 3,149 | 2,947 | 3,031 |
| Pennsylvania | 1,535 | 1,356 | 12,716 | 900 | 2,003 | 2,059 |
| Rhode Island | 0 | 0 | 546 | 0 | 0 | 0 |
| South Carolina | 3 | 7 | 3,005 | 665 | 632 | 1,074 |
| South Dakota | 19 | 3 | 159 | 3 | 9 | 44 |
| Tennessee | 0 | 0 | 1,019 | 0 | 0 | 49 |
| Texas | 55,302 | 64,715 | 1,049,205 | 61,644 | 72,208 | 86,324 |
| Utah | 771 | 944 | 8,900 | 947 | 916 | 1,121 |
| Vermont | 13 | 24 | 166 | 1 | 6 | 3 |
| Virginia | 2,128 | 2,131 | 19,219 | 1,862 | 1,621 | 1,757 |
| Washington | 228 | 865 | 2,461 | 1 | 2 | 292 |
| West Virginia | 23 | 34 | 243 | 19 | 14 | 30 |
| Wisconsin | 404 | 285 | 3,821 | 330 | 218 | 217 |
| Wyoming | 6 | 15 | 129 | 8 | 7 | 15 |
| **Total** | 168,268 | 198,654 | 2,987,146 | 207,886 | 231,242 | 263,958 |

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

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 | | |
|---|---|---|---|---|---|---|
| | | | | April | March | February |
| Alabama | 122,560 | 109,687 | 107,647 | 26,857 | 29,525 | 33,394 |
| Alaska | 53,782 | 50,749 | 44,468 | 12,065 | 14,222 | 14,699 |
| Arizona | 38,927 | 40,476 | 40,257 | 7,571 | 9,185 | 9,865 |
| Arkansas | 98,673 | 90,062 | 91,137 | 20,876 | 23,457 | 26,518 |
| California | 567,828 | 671,598 | 715,980 | 123,629 | 136,946 | 148,586 |
| Colorado | NA | 122,066 | 119,330 | NA | 32,077 | 38,750 |
| Connecticut | 56,946 | 60,115 | 57,665 | 11,035 | 14,152 | 15,423 |
| Delaware | 21,427 | 21,382 | 17,149 | 4,160 | 5,467 | 5,148 |
| District of Columbia | 18,127 | 17,491 | 17,412 | 3,623 | 3,939 | 5,070 |
| Florida | 137,679 | 152,070 | 107,687 | 38,941 | 33,779 | 31,804 |
| Georgia | 161,830 | 145,578 | 138,665 | 31,837 | 41,789 | 40,573 |
| Hawaii | 960 | 955 | 953 | 238 | 234 | 241 |
| Idaho | 26,381 | 24,255 | 21,120 | 5,167 | 6,417 | 7,357 |
| Illinois | 542,082 | 495,991 | 521,394 | 90,660 | 131,306 | 147,547 |
| Indiana | NA | 241,410 | 245,893 | NA | 63,398 | 68,722 |
| Iowa | 132,414 | 110,043 | 110,630 | 23,316 | 32,685 | 35,463 |
| Kansas | 130,573 | 115,930 | 137,767 | 22,499 | 31,197 | 35,535 |
| Kentucky | 94,851 | 89,002 | 89,879 | 16,430 | 24,512 | 24,250 |
| Louisiana | 437,336 | 469,230 | 429,003 | 108,397 | 109,440 | 114,645 |
| Maine | 2,512 | 2,289 | 2,334 | 423 | 652 | 693 |
| Maryland | 90,203 | 83,422 | 84,939 | 16,389 | 21,636 | 24,437 |
| Massachusetts | 150,571 | 150,675 | 156,470 | 30,931 | 37,845 | 39,570 |
| Michigan | 484,784 | 431,777 | 462,173 | 92,774 | 122,725 | 131,357 |
| Minnesota | 175,776 | 153,360 | 154,198 | 31,835 | 42,599 | 49,887 |
| Mississippi | NA | 83,014 | 71,546 | NA | 16,998 | 19,124 |
| Missouri | 198,514 | 134,265 | 149,503 | 33,786 | 45,801 | 57,233 |
| Montana | 25,412 | 22,215 | 20,498 | 4,732 | 5,934 | 7,380 |
| Nebraska | NA | 56,178 | 58,436 | NA | 23,289 | 27,775 |
| Nevada | 41,707 | 38,933 | 34,208 | 8,917 | 10,249 | 10,564 |
| New Hampshire | 9,398 | 8,674 | 9,275 | 1,752 | 2,350 | 2,595 |
| New Jersey | NA | 263,519 | 283,530 | NA | 65,392 | 76,136 |
| New Mexico | 45,259 | 42,995 | 41,067 | 8,960 | 9,838 | 11,052 |
| New York | NA | 497,653 | 444,934 | NA | 112,443 | 121,666 |
| North Carolina | 94,282 | 85,883 | 82,174 | 18,980 | 21,737 | 25,785 |
| North Dakota | 15,941 | 14,716 | 14,895 | 3,212 | 3,768 | 4,598 |
| Ohio | 445,632 | 414,683 | 428,430 | 80,359 | 112,329 | 117,448 |
| Oklahoma | 170,781 | 166,302 | 167,593 | 34,237 | 40,672 | 45,755 |
| Oregon | 55,698 | 55,825 | 54,983 | 10,848 | 13,314 | 15,651 |
| Pennsylvania | 348,740 | 310,812 | 330,488 | 60,416 | 83,563 | 91,191 |
| Rhode Island | 33,765 | 27,641 | 28,991 | 6,613 | 8,498 | 8,208 |
| South Carolina | 56,838 | 57,459 | 54,383 | 12,986 | 13,425 | 14,833 |
| South Dakota | 17,438 | 14,508 | 14,596 | 2,979 | 5,043 | 4,615 |
| Tennessee | NA | 108,629 | 110,636 | NA | 27,029 | 33,179 |
| Texas | 1,216,224 | 1,058,757 | 1,113,252 | 285,510 | 308,670 | 291,871 |
| Utah | 57,123 | 56,388 | 49,990 | 10,583 | 12,321 | 17,048 |
| Vermont | 3,710 | 3,585 | 3,828 | 685 | 962 | 1,015 |
| Virginia | 110,494 | 99,012 | 98,260 | 17,760 | 28,722 | 31,643 |
| Washington | 92,952 | 89,114 | 81,896 | 18,424 | 22,265 | 26,821 |
| West Virginia | 56,793 | 49,855 | 52,780 | 10,433 | 13,358 | 14,757 |
| Wisconsin | 193,298 | 173,381 | 176,314 | 33,610 | 49,087 | 51,627 |
| Wyoming | NA | 27,673 | 31,869 | NA | NA | NA |
| **Total** | 8,285,907 | 7,811,282 | 7,882,508 | 1,673,676 | 2,032,915 | 2,186,945 |

See footnotes at end of table.

# Table 18. Natural Gas Deliveries to All Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1996 | 1995 | | | | |
|---|---|---|---|---|---|---|
| | January | Total | December | November | October | September |
| Alabama | 32,783 | 285,297 | 28,743 | 23,408 | 20,012 | 19,147 |
| Alaska | 12,796 | 135,036 | 13,413 | 11,143 | 9,588 | 8,911 |
| Arizona | 12,306 | 99,299 | 8,569 | 6,166 | 5,151 | 7,211 |
| Arkansas | 27,822 | 241,793 | 24,481 | 18,628 | 16,588 | 17,240 |
| California | 158,667 | 1,839,782 | 163,197 | 146,451 | 138,268 | 151,361 |
| Colorado | 36,425 | 266,014 | 28,122 | 21,507 | 15,565 | 12,222 |
| Connecticut | 16,336 | 131,391 | 14,202 | 10,318 | 6,510 | 5,890 |
| Delaware | 6,652 | 57,322 | 5,097 | 4,789 | 4,213 | 4,087 |
| District of Columbia | 5,495 | 32,751 | 4,777 | 2,364 | 1,247 | 1,167 |
| Florida | 33,155 | 506,548 | 33,445 | 41,349 | 44,756 | 46,661 |
| Georgia | 47,631 | 373,571 | 44,802 | 37,285 | 26,179 | 20,594 |
| Hawaii | 247 | 2,772 | 223 | 221 | 223 | 224 |
| Idaho | 7,440 | 57,523 | 6,191 | 5,316 | 4,340 | 3,174 |
| Illinois | 172,569 | 1,068,508 | 150,712 | 122,403 | 65,302 | 44,177 |
| Indiana | 77,856 | 532,031 | 67,874 | 53,188 | 32,729 | 25,719 |
| Iowa | 40,949 | 258,226 | 35,389 | 26,445 | 18,258 | 13,144 |
| Kansas | 41,343 | 300,149 | 36,012 | 23,195 | 14,904 | 22,128 |
| Kentucky | 29,659 | 198,168 | 27,692 | 22,321 | 12,699 | 9,135 |
| Louisiana | 104,854 | 1,429,003 | 107,644 | 109,716 | 116,358 | 119,888 |
| Maine | 743 | 5,340 | 709 | 600 | 376 | 272 |
| Maryland | 27,741 | 190,948 | 23,435 | 16,869 | 10,150 | 9,686 |
| Massachusetts | 42,225 | 361,230 | 39,447 | 29,186 | 21,144 | 21,317 |
| Michigan | 137,928 | 928,194 | 125,325 | 89,510 | 54,270 | 41,237 |
| Minnesota | 51,456 | 330,017 | 45,740 | 33,529 | 21,560 | 14,537 |
| Mississippi | 19,940 | 237,368 | 20,299 | 16,273 | 12,956 | 16,609 |
| Missouri | 61,695 | 303,670 | 70,488 | 23,488 | 12,664 | 10,431 |
| Montana | 7,365 | 50,996 | 6,374 | 5,422 | 3,879 | 2,484 |
| Nebraska | 28,522 | 154,198 | 23,892 | 18,971 | 10,925 | 9,817 |
| Nevada | 11,978 | 109,347 | 9,538 | 7,797 | 7,414 | 8,775 |
| New Hampshire | 2,701 | 19,848 | 2,326 | 1,626 | 955 | 842 |
| New Jersey | 84,074 | 592,988 | 75,834 | 50,617 | 32,259 | 30,785 |
| New Mexico | 15,409 | 105,270 | 11,489 | 9,213 | 5,590 | 5,988 |
| New York | 130,765 | 1,181,739 | 127,858 | 101,044 | 70,686 | 67,168 |
| North Carolina | 27,780 | 199,699 | 22,478 | 17,334 | 12,858 | 11,795 |
| North Dakota | 4,362 | 32,435 | 4,029 | 6,016 | 1,521 | 996 |
| Ohio | 135,496 | 875,161 | 121,643 | 90,706 | 52,297 | 36,689 |
| Oklahoma | 50,118 | 457,708 | 39,492 | 32,347 | 29,588 | 32,013 |
| Oregon | 15,885 | 141,269 | 13,661 | 15,053 | 11,271 | 9,853 |
| Pennsylvania | 113,570 | 672,702 | 87,946 | 70,726 | 37,810 | 30,242 |
| Rhode Island | 10,446 | 69,708 | 9,621 | 7,784 | 3,683 | 4,867 |
| South Carolina | 15,593 | 149,815 | 13,782 | 12,227 | 11,100 | 11,093 |
| South Dakota | 4,801 | 31,002 | 3,982 | 3,199 | 1,929 | 1,164 |
| Tennessee | 36,055 | 240,223 | 24,973 | 22,472 | 14,775 | 14,432 |
| Texas | 330,173 | 3,288,979 | 284,462 | 245,960 | 256,769 | 265,219 |
| Utah | 17,171 | 126,973 | 14,904 | 11,131 | 10,034 | 7,427 |
| Vermont | 1,049 | 7,323 | 1,072 | 660 | 397 | 270 |
| Virginia | 32,370 | 237,904 | 31,396 | 20,987 | 13,494 | 13,376 |
| Washington | 25,442 | 212,340 | 22,335 | 19,646 | 15,998 | 15,332 |
| West Virginia | 18,245 | 110,682 | 13,673 | 9,844 | 7,509 | 5,862 |
| Wisconsin | 58,974 | 381,417 | 53,734 | 42,380 | 23,819 | 16,547 |
| Wyoming | NA | NA | NA | NA | NA | NA |
| **Total** | 2,392,371 | 19,698,583 | 2,155,867 | 1,726,922 | 1,328,895 | 1,254,424 |

See footnotes at end of table.

# Table 18. Natural Gas Deliveries to All Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1995 | | | | | |
|---|---|---|---|---|---|---|
| | August | July | June | May | April | March |
| Alabama | 22,601 | 21,407 | 19,975 | 20,317 | 21,819 | 28,740 |
| Alaska | 10,331 | 9,705 | 10,693 | 10,504 | 11,976 | 13,831 |
| Arizona | 9,903 | 8,456 | 6,331 | 7,036 | 8,304 | 9,150 |
| Arkansas | 21,067 | 18,677 | 17,268 | 17,781 | 18,199 | 23,277 |
| California | 157,295 | 145,911 | 124,562 | 141,140 | 154,392 | 159,149 |
| Colorado | 11,625 | 12,982 | 18,785 | 23,142 | 24,993 | 29,302 |
| Connecticut | 7,606 | 8,915 | 7,918 | 9,918 | 12,224 | 16,093 |
| Delaware | 4,908 | 5,321 | 3,684 | 3,840 | 5,048 | 5,920 |
| District of Columbia | 1,124 | 1,251 | 1,357 | 1,973 | 2,909 | 4,331 |
| Florida | 46,839 | 47,231 | 47,355 | 46,841 | 46,008 | 43,555 |
| Georgia | 27,468 | 25,437 | 22,331 | 23,898 | 27,938 | 32,590 |
| Hawaii | 221 | 234 | 238 | 234 | 232 | 237 |
| Idaho | 2,900 | 3,056 | 3,860 | 4,430 | 5,070 | 5,699 |
| Illinois | 47,446 | 43,688 | 44,013 | 54,777 | 85,625 | 111,124 |
| Indiana | 27,032 | 25,284 | 25,816 | 32,978 | 42,964 | 55,584 |
| Iowa | 13,069 | 12,354 | 12,454 | 17,070 | 22,922 | 25,359 |
| Kansas | 30,188 | 21,856 | 15,585 | 20,352 | 21,908 | 27,782 |
| Kentucky | 8,755 | 8,457 | 8,806 | 11,302 | 13,399 | 20,635 |
| Louisiana | 130,831 | 130,659 | 123,792 | 120,884 | 117,117 | 115,564 |
| Maine | 256 | 231 | 260 | 347 | 474 | 550 |
| Maryland | 13,973 | 12,372 | 9,855 | 11,185 | 14,723 | 19,799 |
| Massachusetts | 23,813 | 23,970 | 25,297 | 26,381 | 34,754 | 39,216 |
| Michigan | 42,011 | 38,970 | 44,247 | 60,847 | 86,826 | 106,749 |
| Minnesota | 14,437 | 13,892 | 14,273 | 18,689 | 28,046 | 35,279 |
| Mississippi | 24,666 | 22,912 | 20,897 | 19,741 | 15,706 | 21,223 |
| Missouri | 12,929 | 12,028 | 11,484 | 15,892 | 20,327 | 31,314 |
| Montana | 2,252 | 2,261 | 2,502 | 3,607 | 4,569 | 5,722 |
| Nebraska | 9,933 | 9,415 | 6,472 | 8,594 | 10,579 | 13,577 |
| Nevada | 10,224 | 9,738 | 8,062 | 8,866 | 8,107 | 9,241 |
| New Hampshire | 1,198 | 1,335 | 1,344 | 1,548 | 1,824 | 2,222 |
| New Jersey | 37,091 | 37,800 | 28,667 | 36,416 | 49,894 | 65,396 |
| New Mexico | 7,581 | 7,083 | 7,007 | 8,325 | 8,890 | 9,084 |
| New York | 78,416 | 80,935 | 75,371 | 82,608 | 103,047 | 130,828 |
| North Carolina | 13,221 | 11,428 | 12,019 | 12,682 | 15,631 | 21,119 |
| North Dakota | 936 | 1,046 | 1,273 | 1,902 | 2,884 | 3,621 |
| Ohio | 37,078 | 35,805 | 36,461 | 49,800 | 72,866 | 96,806 |
| Oklahoma | 46,415 | 40,718 | 36,225 | 34,608 | 35,219 | 42,456 |
| Oregon | 10,382 | 8,270 | 7,480 | 9,474 | 11,232 | 13,542 |
| Pennsylvania | 31,718 | 31,511 | 32,187 | 39,749 | 57,649 | 75,947 |
| Rhode Island | 4,985 | 3,070 | 2,992 | 5,064 | 6,139 | 7,126 |
| South Carolina | 11,747 | 10,082 | 11,397 | 10,926 | 11,673 | 16,474 |
| South Dakota | 1,451 | 1,313 | 1,460 | 1,993 | 2,875 | 3,450 |
| Tennessee | 15,517 | 13,090 | 13,714 | 12,622 | 19,487 | 25,394 |
| Texas | 301,369 | 315,414 | 268,310 | 292,720 | 267,068 | 287,269 |
| Utah | 6,594 | 5,292 | 6,258 | 8,946 | 11,175 | 12,716 |
| Vermont | 271 | 279 | 333 | 456 | 744 | 896 |
| Virginia | 18,096 | 14,148 | 12,133 | 15,261 | 17,540 | 23,234 |
| Washington | 13,453 | 10,905 | 11,752 | 13,806 | 18,448 | 21,808 |
| West Virginia | 5,678 | 5,261 | 5,623 | 7,378 | 9,304 | 11,907 |
| Wisconsin | 18,713 | 16,161 | 15,861 | 20,821 | 32,416 | 40,189 |
| Wyoming | 4,560 | 4,690 | 5,211 | 5,790 | 6,364 | 6,321 |
| **Total** | 1,402,173 | 1,352,308 | 1,251,249 | 1,415,464 | 1,629,529 | 1,928,397 |

See footnotes at end of table.

# Table 18. Natural Gas Deliveries to All Consumers, by State, 1994-1996

(Million Cubic Feet) — Continued

| State | 1995 | | 1994 | | | |
|---|---|---|---|---|---|---|
| | February | January | Total | December | November | October |
| Alabama | 29,728 | 29,400 | 260,830 | 24,648 | 20,073 | 18,931 |
| Alaska | 11,776 | 13,166 | 126,045 | 13,758 | 11,960 | 11,280 |
| Arizona | 10,649 | 12,373 | 108,517 | 11,465 | 7,758 | 6,345 |
| Arkansas | 23,149 | 25,437 | 227,835 | 20,602 | 16,678 | 16,276 |
| California | 151,811 | 206,246 | 2,041,539 | 202,754 | 187,864 | 153,406 |
| Colorado | 32,379 | 35,392 | 241,416 | 31,223 | 20,213 | 12,826 |
| Connecticut | 16,080 | 15,719 | 119,334 | 12,435 | 9,497 | 8,068 |
| Delaware | 5,271 | 5,143 | 48,632 | 4,772 | 4,268 | 4,460 |
| District of Columbia | 5,464 | 4,787 | 30,607 | 3,404 | 2,010 | 1,332 |
| Florida | 30,439 | 32,068 | 361,428 | 31,740 | 31,353 | 29,394 |
| Georgia | 40,440 | 44,609 | 334,418 | 38,032 | 29,202 | 24,810 |
| Hawaii | 232 | 253 | 2,778 | 235 | 236 | 221 |
| Idaho | 6,017 | 7,469 | 52,164 | 6,958 | 5,424 | 3,780 |
| Illinois | 140,512 | 158,729 | 1,010,989 | 127,594 | 87,176 | 62,952 |
| Indiana | 66,871 | 75,990 | 512,482 | 55,676 | 43,619 | 34,486 |
| Iowa | 28,651 | 33,112 | 237,614 | 27,800 | 21,098 | 15,784 |
| Kansas | 28,219 | 38,020 | 341,677 | 35,470 | 32,252 | 25,109 |
| Kentucky | 26,541 | 28,427 | 182,710 | 21,921 | 15,765 | 11,971 |
| Louisiana | 110,993 | 125,556 | 1,353,337 | 113,561 | 108,518 | 112,410 |
| Maine | 649 | 616 | 5,045 | 581 | 472 | 354 |
| Maryland | 25,770 | 23,131 | 181,259 | 19,825 | 13,620 | 10,829 |
| Massachusetts | 39,647 | 37,058 | 335,544 | 29,951 | 27,525 | 22,295 |
| Michigan | 119,927 | 118,275 | 893,735 | 99,881 | 72,534 | 53,641 |
| Minnesota | 42,693 | 47,342 | 306,505 | 39,415 | 26,471 | 19,428 |
| Mississippi | 22,263 | 23,822 | 225,730 | 21,911 | 19,450 | 20,013 |
| Missouri | 40,417 | 42,207 | 264,715 | 31,144 | 19,117 | 12,446 |
| Montana | 5,235 | 6,689 | 46,274 | 6,621 | 4,974 | 3,419 |
| Nebraska | 15,076 | 16,946 | 123,373 | 14,251 | 9,374 | 6,634 |
| Nevada | 10,500 | 11,085 | 101,105 | 10,245 | 6,967 | 7,373 |
| New Hampshire | 2,304 | 2,324 | 18,732 | 1,834 | 1,398 | 1,151 |
| New Jersey | 76,069 | 72,159 | 582,356 | 61,624 | 41,105 | 34,085 |
| New Mexico | 10,463 | 14,558 | 106,849 | 12,379 | 11,071 | 8,639 |
| New York | 133,480 | 130,297 | 1,005,676 | 106,353 | 80,891 | 65,951 |
| North Carolina | 24,478 | 24,656 | 182,107 | 19,158 | 15,216 | 12,518 |
| North Dakota | 3,982 | 4,229 | 27,301 | 3,194 | 2,557 | 1,393 |
| Ohio | 122,628 | 122,384 | 824,119 | 95,237 | 66,385 | 49,521 |
| Oklahoma | 39,608 | 49,018 | 454,889 | 41,320 | 33,804 | 31,812 |
| Oregon | 13,430 | 17,622 | 140,526 | 17,468 | 14,454 | 10,964 |
| Pennsylvania | 90,188 | 87,028 | 656,021 | 71,392 | 52,796 | 43,049 |
| Rhode Island | 7,259 | 7,117 | 70,901 | 6,818 | 5,553 | 5,586 |
| South Carolina | 14,757 | 14,555 | 141,863 | 14,108 | 12,407 | 11,917 |
| South Dakota | 3,978 | 4,205 | 28,002 | 3,878 | 2,694 | 1,572 |
| Tennessee | 31,679 | 32,068 | 228,007 | 24,704 | 17,609 | 13,428 |
| Texas | 237,775 | 266,645 | 3,272,393 | 250,712 | 243,791 | 245,761 |
| Utah | 14,074 | 18,422 | 120,993 | 17,842 | 14,790 | 10,077 |
| Vermont | 971 | 974 | 7,297 | 814 | 497 | 416 |
| Virginia | 29,009 | 29,229 | 223,122 | 23,517 | 17,151 | 14,809 |
| Washington | 21,853 | 27,005 | 206,346 | 26,377 | 20,493 | 14,879 |
| West Virginia | 14,654 | 13,990 | 107,197 | 11,536 | 8,335 | 6,625 |
| Wisconsin | 49,001 | 51,775 | 345,748 | 40,374 | 30,770 | 20,957 |
| Wyoming | 6,737 | 8,251 | 81,507 | 8,725 | 7,349 | 8,532 |
| **Total** | 2,035,777 | 2,217,579 | 18,909,587 | 1,917,237 | 1,556,584 | 1,323,914 |

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 |
|---|---|---|---|---|---|---|---|---|
| | | | | April | March | February | January | Total |
| Alabama | 3.22 | 2.60 | 3.35 | 3.27 | 3.15 | 3.35 | 3.12 | 2.89 |
| Alaska | 1.58 | 1.70 | 1.65 | 1.58 | 1.60 | 1.60 | 1.56 | 1.67 |
| Arizona | 2.12 | 2.09 | 2.77 | 2.05 | 1.97 | 2.36 | 2.08 | 2.10 |
| Arkansas | 2.52 | 2.36 | 2.73 | 2.50 | 2.57 | 2.52 | 2.51 | 2.31 |
| California | 2.29 | 1.98 | 2.88 | 2.22 | 2.42 | 2.25 | 2.29 | 2.03 |
| Colorado | NA | 2.70 | 3.42 | NA | 2.16 | 2.18 | 2.08 | NA |
| Connecticut | 5.22 | 4.68 | 3.52 | 5.22 | 4.66 | 5.37 | 5.55 | 4.78 |
| Delaware | 3.51 | 2.65 | 3.23 | 3.75 | 3.80 | 3.36 | 3.29 | 2.70 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 3.80 | 2.58 | 3.18 | 3.98 | 3.83 | 3.60 | 3.84 | 2.72 |
| Georgia | 3.57 | 2.93 | 3.51 | 3.51 | 3.86 | 3.36 | 3.70 | 2.96 |
| Hawaii | 5.59 | 4.98 | 4.46 | 5.74 | 5.53 | 5.49 | 5.60 | 5.20 |
| Idaho | 2.07 | 2.18 | 2.46 | 2.21 | 2.12 | 2.08 | 1.98 | 2.18 |
| Illinois | 3.21 | 2.37 | 3.27 | 2.93 | 3.49 | 3.75 | 2.66 | 2.59 |
| Indiana | NA | 2.67 | 3.11 | NA | 3.27 | 3.32 | 3.11 | 2.84 |
| Iowa | 3.03 | 2.66 | 3.18 | 3.13 | 2.82 | 3.37 | 2.90 | 2.82 |
| Kansas | 2.83 | 2.15 | 2.82 | 3.45 | 2.72 | 2.74 | 2.73 | 2.38 |
| Kentucky | 3.13 | 2.84 | 3.33 | 3.50 | 2.92 | 3.06 | 3.19 | 2.79 |
| Louisiana | 3.32 | 2.14 | 2.85 | 3.06 | 3.27 | 3.24 | 3.58 | 2.21 |
| Maine | 4.20 | 3.14 | 3.79 | 5.34 | 4.01 | 3.89 | 3.95 | 3.35 |
| Maryland | 3.65 | 2.62 | 3.32 | 4.01 | 3.70 | 3.23 | 3.82 | 2.87 |
| Massachusetts | 3.43 | 3.02 | 3.83 | 3.97 | 3.32 | 3.17 | 3.48 | 3.52 |
| Michigan | 3.01 | 2.74 | 2.82 | 2.80 | 3.11 | 2.91 | 3.14 | 2.60 |
| Minnesota | 2.81 | 2.38 | 2.81 | 2.75 | 2.81 | 2.61 | 2.91 | 2.51 |
| Mississippi | 3.34 | 2.33 | 2.98 | 3.75 | 3.37 | 3.07 | 3.49 | 2.53 |
| Missouri | 2.68 | 2.43 | 2.99 | 3.21 | 2.61 | 2.71 | 2.52 | 2.74 |
| Montana | 2.83 | 3.26 | 3.57 | 3.18 | 2.52 | 2.98 | 2.83 | 3.01 |
| Nebraska | 2.67 | 2.31 | 2.91 | 3.04 | 2.71 | 2.45 | 2.67 | 2.49 |
| Nevada | 2.71 | 2.76 | 3.36 | 3.32 | 2.64 | 2.75 | 2.51 | 2.77 |
| New Hampshire | 4.07 | 3.28 | 3.85 | 4.09 | 4.06 | 3.99 | 4.14 | NA |
| New Jersey | 3.61 | 3.14 | 3.50 | 3.75 | 3.15 | 3.49 | 4.09 | 3.36 |
| New Mexico | 1.48 | 1.51 | 2.23 | 1.18 | 1.40 | 1.69 | 1.53 | 1.46 |
| New York | 3.28 | 2.41 | 3.20 | 3.40 | 3.03 | 3.19 | 3.48 | 2.47 |
| North Carolina | 3.68 | 2.84 | 3.44 | 3.92 | 3.60 | 3.66 | 3.62 | 2.96 |
| North Dakota | 2.73 | 2.78 | 3.23 | 2.62 | 2.45 | 2.82 | 2.94 | NA |
| Ohio | 3.95 | 3.93 | 3.52 | 4.06 | 3.90 | 4.08 | 3.82 | 3.84 |
| Oklahoma | 2.54 | 2.72 | 2.67 | 2.53 | 2.58 | 2.60 | 2.46 | 2.53 |
| Oregon | 2.17 | 2.43 | 2.73 | 2.27 | 2.19 | 1.96 | 3.25 | 2.44 |
| Pennsylvania | 3.56 | 3.03 | 3.44 | 4.69 | 3.62 | 3.29 | 3.27 | 3.09 |
| Rhode Island | 3.80 | 2.91 | 3.83 | 3.53 | 3.85 | 3.92 | 3.84 | 3.56 |
| South Carolina | 3.95 | 3.10 | 3.70 | 3.96 | 3.94 | 3.85 | 4.02 | 3.26 |
| South Dakota | 2.79 | 2.78 | 3.26 | 2.63 | 2.84 | 2.98 | 2.69 | 2.91 |
| Tennessee | NA | 2.49 | 2.58 | NA | 3.56 | 3.15 | 3.36 | 2.75 |
| Texas | 3.20 | 3.13 | 3.20 | 3.22 | 3.08 | 3.16 | 3.31 | 3.00 |
| Utah | 2.19 | 3.36 | 3.03 | 1.98 | 2.34 | 2.10 | 2.27 | 2.88 |
| Vermont | 2.90 | 2.45 | 3.00 | 3.10 | 2.83 | 2.82 | 2.93 | 2.61 |
| Virginia | 3.59 | 2.88 | 3.48 | 3.38 | 3.61 | 3.36 | 3.89 | 2.92 |
| Washington | 2.06 | 2.39 | 2.42 | 2.23 | 1.99 | 2.12 | 1.98 | 2.18 |
| West Virginia | 3.32 | 2.73 | 3.39 | 3.26 | 3.24 | 3.48 | 3.16 | 2.85 |
| Wisconsin | 2.94 | 2.65 | 3.20 | 3.48 | 2.88 | 2.78 | 2.87 | 2.83 |
| Wyoming | NA | 2.79 | 3.21 | NA | NA | NA | NA | NA |
| **Total** | 3.16 | 2.74 | 3.18 | 3.25 | 3.16 | 3.17 | 3.11 | 2.78 |

See footnotes at end of table.

# Table 19. Average City Gate Price, by State, 1994-1996

(Dollars per Thousand Cubic Feet) — Continued

| State | 1995 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | December | November | October | September | August | July | June | May |
| Alabama | 2.83 | 2.84 | 3.52 | 3.50 | 3.20 | 3.83 | 3.58 | 3.34 |
| Alaska | 1.67 | 1.66 | 1.63 | 1.62 | 1.57 | 1.63 | 1.60 | 1.70 |
| Arizona | 1.86 | 2.19 | 2.24 | 2.44 | 2.36 | 2.20 | 2.17 | 2.00 |
| Arkansas | 2.45 | 2.28 | 2.19 | 2.01 | 1.91 | 2.33 | 2.25 | 2.36 |
| California | 1.90 | 2.15 | 2.15 | 2.06 | 2.26 | 2.19 | 1.85 | 2.03 |
| Colorado | 2.60 | 2.56 | 2.41 | NA | NA | NA | 2.96 | 2.41 |
| Connecticut | 5.45 | 4.13 | 4.27 | 4.80 | 5.30 | 5.54 | 5.11 | 5.28 |
| Delaware | 3.01 | 2.89 | 2.81 | 2.85 | 2.48 | 1.73 | 3.38 | 3.20 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 3.32 | 3.05 | 2.75 | 2.75 | 2.47 | 2.50 | 2.75 | 2.53 |
| Georgia | 2.95 | 2.82 | 3.02 | 3.48 | 2.78 | 2.82 | 3.15 | 3.16 |
| Hawaii | 4.65 | 5.43 | 5.90 | 5.78 | 4.25 | 6.12 | 5.98 | 4.38 |
| Idaho | 1.98 | 2.14 | 1.83 | 2.79 | 2.72 | 2.89 | 2.43 | 2.28 |
| Illinois | 2.53 | 2.32 | 2.94 | 3.58 | 3.02 | 3.45 | 3.14 | 3.16 |
| Indiana | 2.82 | 2.67 | 2.96 | 3.57 | 3.18 | 3.26 | 3.63 | 3.11 |
| Iowa | 2.73 | 2.63 | 2.84 | 3.41 | 3.48 | 3.55 | 3.39 | 3.10 |
| Kansas | 2.52 | 2.51 | 2.85 | 2.80 | 2.52 | 2.19 | 3.09 | 2.25 |
| Kentucky | 2.84 | 2.45 | 2.61 | 2.51 | 2.80 | 2.92 | 3.18 | 3.32 |
| Louisiana | 2.78 | 2.44 | 2.23 | 2.05 | 1.90 | 2.00 | 2.04 | 2.10 |
| Maine | 3.08 | 3.03 | 2.72 | 3.54 | 5.13 | 5.99 | 5.81 | 2.72 |
| Maryland | 2.68 | 2.71 | 3.44 | 3.95 | 3.25 | 3.34 | 3.88 | 3.51 |
| Massachusetts | 3.35 | 3.13 | 4.11 | 4.76 | 4.57 | 4.64 | 4.58 | 4.71 |
| Michigan | 2.81 | 2.56 | 2.54 | 2.59 | 2.50 | 2.41 | 2.43 | 2.49 |
| Minnesota | 2.65 | 2.50 | 2.43 | 2.63 | 2.84 | 2.79 | 2.91 | 2.56 |
| Mississippi | 3.23 | 2.71 | 2.77 | 2.43 | 2.21 | 2.34 | 2.50 | 2.46 |
| Missouri | 2.53 | 2.54 | 3.18 | 3.85 | 3.97 | 4.06 | 3.99 | 3.08 |
| Montana | 2.72 | 2.65 | 2.68 | 3.01 | 2.06 | 2.92 | 3.38 | 2.99 |
| Nebraska | 2.34 | 2.43 | 2.80 | 2.97 | 3.11 | 3.42 | 2.69 | 2.68 |
| Nevada | 2.48 | 2.62 | 2.64 | 3.23 | 3.06 | 3.46 | 2.92 | 2.86 |
| New Hampshire | NA | 3.44 | 2.89 | 3.33 | 3.70 | 4.56 | 4.40 | 2.93 |
| New Jersey | 3.47 | 3.52 | 3.74 | 3.40 | 3.72 | 4.02 | 3.60 | 3.21 |
| New Mexico | 1.44 | 1.58 | 1.42 | 1.40 | 1.11 | 1.50 | 1.33 | 1.34 |
| New York | 2.98 | 2.61 | 2.53 | 2.32 | 2.12 | 2.20 | 2.40 | 2.42 |
| North Carolina | 2.95 | 2.77 | 2.98 | 3.64 | 3.24 | 3.48 | 3.15 | 3.06 |
| North Dakota | 2.55 | 2.25 | NA | 2.49 | 1.95 | 2.25 | 2.45 | 2.45 |
| Ohio | 3.50 | 3.34 | 4.01 | 3.85 | 4.87 | 4.63 | 4.19 | 4.12 |
| Oklahoma | 2.27 | 2.24 | 1.97 | 1.93 | 2.39 | 2.33 | 2.35 | 2.46 |
| Oregon | 1.71 | 2.89 | 2.41 | 2.96 | 2.82 | 3.16 | 2.69 | 2.77 |
| Pennsylvania | 2.96 | 2.63 | 3.22 | 3.34 | 3.89 | 4.04 | 3.73 | 3.21 |
| Rhode Island | 3.34 | 3.13 | 4.54 | 5.28 | 5.85 | 6.46 | 5.53 | 4.20 |
| South Carolina | 3.27 | 3.16 | 3.04 | 3.63 | 3.43 | 3.71 | 3.74 | 3.47 |
| South Dakota | 2.68 | 2.62 | 3.07 | 3.51 | 3.93 | 3.86 | 3.84 | 2.99 |
| Tennessee | 3.90 | 2.65 | 2.69 | 2.69 | 2.58 | 3.06 | 3.21 | 2.65 |
| Texas | 3.20 | 3.06 | 2.79 | 2.77 | 2.65 | 2.67 | 2.90 | 2.73 |
| Utah | 2.43 | 2.46 | 2.18 | 3.16 | 2.40 | 2.56 | 3.41 | 2.55 |
| Vermont | 2.38 | 2.19 | 2.89 | 3.16 | 3.04 | 3.20 | 3.37 | 3.56 |
| Virginia | 3.10 | 2.60 | 3.40 | 2.22 | 3.17 | 3.00 | 3.46 | 3.36 |
| Washington | 2.06 | 2.14 | 2.02 | 2.06 | 1.98 | 1.79 | 1.93 | 1.92 |
| West Virginia | 3.04 | 2.26 | 3.48 | 3.46 | 3.13 | 3.40 | 2.83 | 2.99 |
| Wisconsin | 2.75 | 2.48 | 3.01 | 3.37 | 3.71 | 3.81 | 4.15 | 2.80 |
| Wyoming | NA | NA | NA | NA | 2.38 | 2.24 | 2.64 | 2.80 |
| **Total** | 2.84 | 2.67 | 2.84 | 2.83 | 2.81 | 2.83 | 2.90 | 2.80 |

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 | | | |
|---|---|---|---|---|---|---|---|---|
| | April | March | February | January | Total | December | November | October |
| Alabama | 2.90 | 2.45 | 2.60 | 2.59 | 3.44 | 2.87 | 3.26 | 3.64 |
| Alaska | 1.79 | 1.66 | 1.67 | 1.71 | 1.62 | 1.62 | 1.60 | 1.61 |
| Arizona | 1.78 | 1.83 | 2.41 | 2.21 | 2.53 | 2.34 | 2.08 | 2.07 |
| Arkansas | 2.41 | 2.29 | 2.34 | 2.39 | 2.54 | 2.30 | 2.36 | 2.21 |
| California | 2.12 | 1.90 | 1.96 | 1.95 | 2.57 | 2.39 | 2.22 | 2.48 |
| Colorado | 3.04 | 2.56 | 2.70 | 2.63 | 3.31 | 2.98 | 2.81 | 2.83 |
| Connecticut | 4.74 | 4.88 | 4.73 | 4.42 | 4.17 | 4.63 | 4.70 | 4.37 |
| Delaware | 3.11 | 2.47 | 2.45 | 2.69 | 2.95 | 2.75 | 2.82 | 2.42 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 2.92 | 2.71 | 2.39 | 2.42 | 2.78 | 2.54 | 2.45 | 2.35 |
| Georgia | 2.85 | 3.44 | 2.54 | 3.01 | 3.54 | 3.31 | 3.43 | 3.13 |
| Hawaii | 4.52 | 5.42 | 5.14 | 4.85 | 4.94 | 5.52 | 5.05 | 5.41 |
| Idaho | 2.21 | 2.23 | 2.29 | 2.06 | 2.46 | 2.22 | 2.25 | 2.19 |
| Illinois | 2.40 | 2.33 | 2.28 | 2.47 | 3.02 | 2.82 | 2.80 | 2.38 |
| Indiana | 2.81 | 2.95 | 2.35 | 2.63 | 2.98 | 3.05 | 3.07 | 2.27 |
| Iowa | 2.97 | 2.78 | 2.44 | 2.63 | 3.15 | 2.86 | 2.83 | 2.56 |
| Kansas | 2.18 | 2.06 | 2.18 | 2.17 | 2.86 | 2.50 | 2.41 | 2.74 |
| Kentucky | 3.14 | 2.95 | 2.72 | 2.80 | 3.13 | 2.99 | 3.16 | 2.74 |
| Louisiana | 2.12 | 2.14 | 2.05 | 2.23 | 2.54 | 2.35 | 2.38 | 2.02 |
| Maine | 3.41 | 2.43 | 3.50 | 3.21 | 2.98 | 3.51 | 2.54 | 1.20 |
| Maryland | 2.82 | 2.68 | 2.47 | 2.65 | 3.38 | 2.78 | 2.99 | 3.20 |
| Massachusetts | 3.22 | 2.98 | 3.02 | 2.93 | 3.98 | 3.14 | 3.58 | 3.55 |
| Michigan | 2.46 | 2.92 | 2.83 | 2.81 | 2.70 | 2.93 | 2.70 | 2.56 |
| Minnesota | 2.16 | 2.49 | 2.38 | 2.43 | 2.85 | 2.78 | 2.74 | 2.45 |
| Mississippi | 2.39 | 2.37 | 2.24 | 2.35 | 2.83 | 2.54 | 2.81 | 2.49 |
| Missouri | 2.83 | 2.48 | 2.28 | 2.38 | 3.05 | 2.43 | 2.64 | 3.16 |
| Montana | 2.94 | 3.10 | 3.31 | 3.51 | 3.49 | 3.34 | 2.98 | 3.31 |
| Nebraska | 2.18 | 2.47 | 2.20 | 2.38 | 2.98 | 2.38 | 2.65 | 3.22 |
| Nevada | 2.35 | 2.62 | 3.15 | 2.80 | 3.18 | 2.85 | 2.53 | 2.88 |
| New Hampshire | 2.81 | 3.19 | 3.44 | 3.49 | 3.49 | 3.54 | 3.41 | 2.33 |
| New Jersey | 3.25 | 3.11 | 3.09 | 3.12 | 3.30 | 2.78 | 2.74 | 2.79 |
| New Mexico | 1.53 | 1.50 | 1.14 | 1.82 | 2.02 | 2.03 | 1.70 | 1.83 |
| New York | 2.30 | 2.31 | 2.44 | 2.55 | 3.02 | 2.63 | 2.78 | 2.66 |
| North Carolina | 3.06 | 2.79 | 2.77 | 2.85 | 3.27 | 2.82 | 2.96 | 3.11 |
| North Dakota | 2.43 | 2.66 | 2.78 | 3.11 | 3.15 | 2.67 | 2.98 | 3.29 |
| Ohio | 3.95 | 3.91 | 3.76 | 4.11 | 3.48 | 3.48 | 3.35 | 3.48 |
| Oklahoma | 2.57 | 2.72 | 2.72 | 2.84 | 2.46 | 2.67 | 2.00 | 1.69 |
| Oregon | 2.38 | 2.41 | 2.55 | 2.40 | 2.73 | 2.49 | 2.71 | 2.72 |
| Pennsylvania | 2.94 | 2.89 | 2.91 | 3.36 | 3.46 | 3.19 | 3.28 | 3.38 |
| Rhode Island | 3.25 | 2.76 | 2.71 | 3.07 | 4.17 | 3.16 | 3.36 | 3.98 |
| South Carolina | 3.04 | 3.07 | 3.17 | 3.08 | 3.67 | 3.31 | 3.58 | 3.37 |
| South Dakota | 2.64 | 2.80 | 2.80 | 2.82 | 3.35 | 2.91 | 2.97 | 3.23 |
| Tennessee | 2.66 | 2.33 | 2.66 | 2.43 | 2.71 | 2.52 | 2.89 | 2.59 |
| Texas | 2.94 | 3.24 | 3.16 | 3.13 | 3.00 | 3.20 | 3.04 | 2.73 |
| Utah | 2.48 | 3.33 | 4.06 | 3.46 | 3.31 | 3.66 | 3.24 | 3.91 |
| Vermont | 2.68 | 2.35 | 2.40 | 2.45 | 3.11 | 2.39 | 2.69 | 3.68 |
| Virginia | 2.78 | 2.81 | 2.88 | 2.97 | 3.44 | 3.15 | 3.15 | 3.62 |
| Washington | 2.21 | 2.44 | 2.46 | 2.40 | 2.54 | 2.64 | 3.14 | 2.89 |
| West Virginia | 2.63 | 2.87 | 2.59 | 2.83 | 3.26 | 3.05 | 2.78 | 2.94 |
| Wisconsin | 2.64 | 2.75 | 2.61 | 2.63 | 3.42 | 2.80 | 2.96 | 3.39 |
| Wyoming | 2.63 | 2.84 | 2.75 | 2.88 | 2.91 | 2.99 | 2.14 | 2.19 |
| **Total** | 2.70 | 2.74 | 2.71 | 2.79 | 3.07 | 2.86 | 2.84 | 2.80 |

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 |
|---|---|---|---|---|---|---|---|---|
| | | | | April | March | February | January | Total |
| Alabama | 6.42 | 6.40 | 6.70 | 6.87 | 6.82 | 6.33 | 5.97 | 6.74 |
| Alaska | 3.33 | 3.54 | 3.52 | 3.40 | 3.34 | 3.30 | 3.32 | 3.63 |
| Arizona | 6.88 | 7.35 | 6.84 | 7.57 | 6.97 | 6.80 | 6.60 | 7.88 |
| Arkansas | 5.31 | 5.10 | 5.28 | 5.44 | 5.40 | 5.25 | 5.23 | 5.49 |
| California | 6.31 | 6.63 | 6.30 | 6.17 | 6.20 | 6.32 | 6.46 | 6.64 |
| Colorado | NA | 4.56 | 4.64 | NA | 4.10 | 4.02 | 4.02 | 4.74 |
| Connecticut | 9.92 | 9.78 | 9.59 | 10.06 | 9.80 | 9.85 | 10.00 | 9.89 |
| Delaware | 6.38 | 6.71 | 7.02 | 6.70 | 6.38 | 6.25 | 6.32 | 7.08 |
| District of Columbia | 8.50 | 8.07 | 8.18 | 10.18 | 8.96 | 8.42 | 7.37 | 8.01 |
| Florida | 10.14 | 9.03 | 9.03 | 10.86 | 10.55 | 9.93 | 9.61 | 10.16 |
| Georgia | 6.03 | 6.56 | 6.89 | 7.31 | 5.45 | 5.97 | 5.28 | 6.39 |
| Hawaii | 18.88 | 16.94 | 16.09 | 19.29 | 19.21 | 18.82 | 18.20 | 17.56 |
| Idaho | 5.04 | 5.56 | 5.19 | 5.28 | 5.06 | 4.98 | 4.97 | 5.60 |
| Illinois | 4.68 | 4.51 | 5.40 | 5.51 | 4.91 | 4.55 | 4.24 | 4.62 |
| Indiana | NA | 5.34 | 6.10 | NA | 5.05 | 4.85 | 4.68 | 5.38 |
| Iowa | 4.89 | 4.62 | 5.15 | 5.96 | 4.82 | 4.86 | 4.50 | 5.04 |
| Kansas | 5.23 | 4.44 | 5.24 | 5.78 | 5.34 | 5.17 | 4.99 | 4.90 |
| Kentucky | 4.86 | 4.85 | 5.07 | 5.13 | 5.11 | 4.60 | 4.73 | 5.00 |
| Louisiana | 5.89 | 5.27 | 5.78 | 7.00 | 5.66 | 5.14 | 6.10 | 5.92 |
| Maine | 7.65 | 7.38 | 7.82 | 8.27 | 7.88 | 7.78 | 7.02 | 7.31 |
| Maryland | 6.80 | 6.19 | 6.68 | 7.19 | 6.99 | 6.83 | 6.47 | 6.63 |
| Massachusetts | 9.03 | 9.25 | 8.92 | 9.42 | 9.02 | 9.01 | 8.83 | 9.04 |
| Michigan | 4.50 | 4.39 | 4.73 | 4.72 | 4.37 | 4.53 | 4.45 | 4.68 |
| Minnesota | 5.00 | 4.54 | 5.04 | 5.35 | 4.95 | 4.85 | 4.93 | 4.79 |
| Mississippi | NA | 4.71 | 5.30 | NA | 5.37 | 4.75 | 5.26 | 5.01 |
| Missouri | 5.34 | 4.52 | 5.19 | 5.71 | 5.46 | 5.30 | 5.11 | NA |
| Montana | 4.65 | 5.04 | 4.98 | 4.71 | 4.65 | 4.59 | 4.66 | 5.17 |
| Nebraska | 4.86 | 4.52 | 4.87 | 5.12 | 4.94 | 4.73 | 4.78 | 4.86 |
| Nevada | 5.82 | 6.42 | 6.23 | 6.22 | 5.86 | 5.76 | 5.64 | 6.76 |
| New Hampshire | 6.95 | 7.02 | 7.95 | 5.89 | 7.31 | 7.19 | 7.03 | 7.16 |
| New Jersey | NA | 6.77 | 6.81 | NA | 7.12 | 7.06 | 7.01 | 7.21 |
| New Mexico | 3.99 | 5.12 | 6.06 | 4.60 | 4.52 | 4.16 | 3.42 | 5.08 |
| New York | NA | 7.77 | 8.12 | 8.22 | NA | 8.01 | 7.93 | 8.41 |
| North Carolina | 6.81 | 6.57 | 6.76 | 7.30 | 7.52 | 6.81 | 6.14 | 6.94 |
| North Dakota | 4.29 | 4.34 | 5.08 | 4.43 | 4.31 | 4.20 | 4.28 | 4.64 |
| Ohio | 5.23 | 5.37 | 5.58 | 5.37 | 5.33 | 5.40 | 4.91 | 5.48 |
| Oklahoma | 4.90 | 5.11 | 4.91 | 5.21 | 5.09 | 4.76 | 4.74 | 5.67 |
| Oregon | 5.99 | 6.55 | 6.85 | 6.34 | 6.17 | 5.67 | 6.10 | 6.81 |
| Pennsylvania | 6.73 | 7.19 | 6.99 | 7.38 | 6.73 | 6.69 | 6.43 | 7.33 |
| Rhode Island | 7.74 | 4.91 | 8.75 | 7.92 | 8.06 | 7.88 | 7.24 | 6.40 |
| South Carolina | 7.23 | 7.95 | 7.33 | 6.97 | 7.68 | 7.32 | 7.02 | 7.86 |
| South Dakota | 4.62 | 4.64 | 5.17 | 5.21 | 4.36 | 4.67 | 4.43 | 5.06 |
| Tennessee | NA | 5.51 | 5.90 | NA | 6.30 | 6.04 | 5.45 | 5.72 |
| Texas | 5.32 | 5.61 | 5.46 | 6.10 | 5.41 | 5.16 | 5.05 | 5.97 |
| Utah | 4.32 | 4.75 | 5.09 | 3.90 | 4.94 | 3.97 | 4.51 | 4.74 |
| Vermont | 6.06 | 6.54 | 6.58 | 6.24 | 6.09 | 6.02 | 5.98 | 6.83 |
| Virginia | 7.06 | 7.12 | 7.03 | 7.53 | 6.89 | 7.23 | 6.82 | 7.37 |
| Washington | 5.44 | 5.72 | 5.41 | 5.59 | 5.44 | 5.38 | 5.41 | 5.91 |
| West Virginia | 6.84 | 6.83 | 6.39 | 6.94 | 6.74 | 6.69 | 7.26 | 7.13 |
| Wisconsin | 5.85 | 5.86 | 6.46 | 5.90 | 5.87 | 5.75 | 5.90 | 5.84 |
| Wyoming | NA | 4.86 | 4.90 | NA | NA | NA | NA | NA |
| **Total** | 5.83 | 5.83 | 6.14 | 6.24 | 5.87 | 5.80 | 5.60 | 6.06 |

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 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | December | November | October | September | August | July | June | May |
| Alabama | 5.78 | 6.39 | 8.74 | 9.28 | 9.21 | 8.94 | 8.69 | 8.05 |
| Alaska | 3.51 | 3.60 | 3.76 | 3.96 | 4.14 | 4.02 | 3.87 | 3.72 |
| Arizona | 7.09 | 8.24 | 9.40 | 10.12 | 10.59 | 9.79 | 9.19 | 8.36 |
| Arkansas | 4.35 | 5.51 | 6.82 | 7.33 | 7.82 | 7.48 | 7.03 | 6.30 |
| California | 6.16 | 5.34 | 7.08 | 7.23 | 7.13 | 7.22 | 7.39 | 6.84 |
| Colorado | 4.25 | 4.48 | 5.09 | 6.56 | 6.65 | 5.90 | 5.07 | 4.81 |
| Connecticut | 8.92 | 9.88 | 10.97 | 11.09 | 11.25 | 11.03 | 10.56 | 10.20 |
| Delaware | 6.52 | 7.47 | 8.85 | 9.58 | 9.49 | 9.25 | 8.66 | 7.54 |
| District of Columbia | 7.24 | 7.72 | 9.59 | 10.15 | 7.46 | 7.20 | 7.03 | 9.55 |
| Florida | 9.44 | 10.89 | 12.49 | 11.93 | 12.56 | 12.22 | 12.10 | 11.61 |
| Georgia | 5.19 | 4.98 | 6.95 | 8.19 | 8.96 | 8.80 | 8.60 | 7.77 |
| Hawaii | 18.82 | 17.94 | 17.91 | 17.86 | 17.93 | 18.06 | 17.46 | 17.41 |
| Idaho | 5.31 | 5.48 | 5.79 | 6.44 | 6.71 | 6.48 | 6.22 | 5.27 |
| Illinois | 4.14 | 4.07 | 4.79 | 6.02 | 6.91 | 6.00 | 6.51 | 5.67 |
| Indiana | 4.56 | 4.68 | 5.68 | 7.29 | 7.91 | 7.65 | 7.39 | 6.48 |
| Iowa | 4.78 | 4.47 | 5.40 | 7.29 | 8.65 | 8.51 | 8.80 | 5.90 |
| Kansas | 5.03 | 5.21 | 5.77 | 6.66 | 6.73 | 6.24 | 5.93 | 5.16 |
| Kentucky | 4.32 | 4.24 | 5.90 | 7.73 | 8.25 | 7.90 | 8.21 | 6.02 |
| Louisiana | 5.87 | 6.27 | 7.60 | 7.62 | 7.53 | 7.80 | 6.98 | 6.92 |
| Maine | 7.01 | 7.17 | 7.17 | 7.78 | 8.37 | 8.23 | 7.75 | 6.60 |
| Maryland | 6.20 | 6.51 | 7.73 | 8.65 | 9.24 | 9.18 | 8.74 | 7.24 |
| Massachusetts | 8.86 | 9.50 | 8.24 | 9.33 | 9.85 | 9.33 | 8.31 | 7.20 |
| Michigan | 4.45 | 4.60 | 5.18 | 6.17 | 7.01 | 6.63 | 5.98 | 5.01 |
| Minnesota | 4.81 | 4.81 | 5.27 | 6.06 | 6.56 | 4.53 | 5.99 | 5.10 |
| Mississippi | 4.88 | 5.19 | 6.10 | 6.40 | 5.95 | 5.99 | 6.04 | 5.95 |
| Missouri | NA | 5.41 | 6.67 | 8.16 | 8.97 | 8.14 | 7.28 | 5.25 |
| Montana | 4.82 | 4.95 | 5.50 | 6.15 | 6.59 | 6.06 | 5.61 | 5.30 |
| Nebraska | 4.76 | 4.98 | 5.87 | 6.39 | 6.62 | 6.38 | 5.97 | 5.12 |
| Nevada | 5.97 | 6.92 | 8.05 | 8.53 | 8.57 | 8.06 | 7.46 | 6.89 |
| New Hampshire | 7.18 | 7.77 | 7.24 | 7.96 | 8.73 | 8.16 | 7.27 | 6.12 |
| New Jersey | 7.03 | 7.21 | 8.53 | 9.72 | 9.43 | 9.16 | 8.81 | 7.56 |
| New Mexico | 3.58 | 3.89 | 5.55 | 7.32 | 7.49 | 8.70 | 5.81 | 6.18 |
| New York | 7.72 | 9.17 | 10.78 | 11.74 | 11.92 | 11.57 | 10.14 | 8.65 |
| North Carolina | 6.23 | 6.52 | 8.96 | 10.69 | 11.64 | 10.57 | 9.92 | 8.02 |
| North Dakota | 4.31 | 4.53 | NA | 6.73 | 7.59 | 6.97 | 5.89 | 5.05 |
| Ohio | 4.95 | 5.03 | 6.12 | 7.17 | 7.66 | 7.43 | 7.00 | 5.72 |
| Oklahoma | 5.04 | 5.96 | 7.46 | 8.64 | 8.97 | 8.36 | 7.59 | 6.24 |
| Oregon | 6.32 | 7.45 | 7.63 | 8.37 | 8.57 | 8.11 | 7.66 | 6.40 |
| Pennsylvania | 6.40 | 6.64 | 8.13 | 10.13 | 10.58 | 10.16 | 9.37 | 7.99 |
| Rhode Island | 7.47 | 8.24 | 8.91 | 9.90 | 10.09 | 10.56 | 7.89 | 7.83 |
| South Carolina | 7.04 | 7.12 | 8.61 | 9.36 | 9.87 | 9.36 | 9.10 | 8.20 |
| South Dakota | 4.86 | 5.07 | 5.05 | 7.10 | 8.58 | 7.63 | 6.97 | 5.50 |
| Tennessee | 6.19 | 4.44 | 6.97 | 8.09 | 7.85 | 7.58 | 7.17 | 6.32 |
| Texas | 5.32 | 5.80 | 6.95 | 7.63 | 7.89 | 7.39 | 7.30 | 6.74 |
| Utah | 4.72 | 4.99 | 4.09 | 4.68 | 5.28 | 5.36 | 4.96 | 4.52 |
| Vermont | 6.09 | 6.88 | 7.92 | 9.03 | 9.81 | 9.35 | 8.12 | 7.25 |
| Virginia | 6.61 | 5.71 | 9.60 | 11.13 | 11.21 | 11.08 | 10.85 | 8.68 |
| Washington | 5.56 | 5.69 | 6.83 | 7.02 | 7.24 | 7.06 | 6.54 | 6.17 |
| West Virginia | 6.78 | 7.03 | 7.89 | 9.23 | 10.14 | 10.07 | 9.43 | 7.62 |
| Wisconsin | 5.90 | 5.79 | 5.16 | 5.80 | 6.38 | 6.41 | 6.01 | 5.75 |
| Wyoming | NA | NA | NA | NA | 5.58 | 5.43 | 5.22 | 4.98 |
| **Total** | 5.58 | 5.59 | 6.61 | 7.72 | 8.12 | 7.80 | 7.48 | 6.53 |

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 | | | |
|---|---|---|---|---|---|---|---|---|
| | April | March | February | January | Total | December | November | October |
| Alabama | 7.57 | 6.10 | 6.14 | 6.44 | 7.41 | 7.40 | 8.58 | 9.67 |
| Alaska | 3.57 | 3.53 | 3.53 | 3.54 | 3.60 | 3.48 | 3.55 | 3.65 |
| Arizona | 7.87 | 7.67 | 7.23 | 7.05 | 7.54 | 7.08 | 7.97 | 9.59 |
| Arkansas | 5.56 | 5.06 | 4.90 | 5.13 | 5.71 | 5.34 | 5.81 | 6.94 |
| California | 6.47 | 6.53 | 6.65 | 6.78 | 6.39 | 6.63 | 6.33 | 6.71 |
| Colorado | 4.74 | 4.56 | 4.52 | 4.47 | 4.92 | 4.58 | 4.93 | 5.83 |
| Connecticut | 9.73 | 9.73 | 9.73 | 9.91 | 10.14 | 10.12 | 10.79 | 11.06 |
| Delaware | 6.99 | 6.62 | 6.59 | 6.74 | 7.43 | 7.28 | 8.07 | 8.90 |
| District of Columbia | 9.16 | 8.03 | 7.83 | 7.80 | 8.29 | 7.92 | 8.67 | 9.55 |
| Florida | 10.57 | 9.32 | 8.41 | 8.74 | 9.98 | 9.62 | 10.96 | 11.33 |
| Georgia | 7.62 | 7.34 | 5.94 | 6.41 | 7.32 | 6.92 | 7.81 | 8.04 |
| Hawaii | 17.32 | 16.99 | 16.71 | 16.78 | 16.83 | 17.33 | 17.16 | 18.06 |
| Idaho | 5.78 | 5.64 | 5.56 | 5.40 | 5.29 | 4.96 | 5.24 | 5.52 |
| Illinois | 4.56 | 4.40 | 4.60 | 4.49 | 5.50 | 4.80 | 4.66 | 5.56 |
| Indiana | 5.64 | 5.24 | 5.40 | 5.22 | 6.24 | 5.47 | 5.60 | 5.79 |
| Iowa | 4.90 | 4.78 | 4.58 | 4.41 | 5.40 | 4.71 | 5.10 | 6.47 |
| Kansas | 4.73 | 4.31 | 4.37 | 4.47 | 5.11 | 4.51 | 4.25 | 4.73 |
| Kentucky | 5.82 | 4.68 | 4.65 | 4.85 | 5.46 | 5.14 | 5.44 | 6.43 |
| Louisiana | 5.89 | 5.31 | 4.98 | 5.26 | 6.24 | 5.65 | 7.09 | 7.39 |
| Maine | 7.70 | 7.43 | 7.23 | 7.28 | 7.83 | 7.36 | 7.64 | 7.65 |
| Maryland | 6.49 | 6.10 | 6.12 | 6.19 | 6.95 | 6.26 | 6.63 | 7.37 |
| Massachusetts | 9.53 | 9.30 | 9.08 | 9.18 | 8.94 | 9.31 | 9.94 | 8.08 |
| Michigan | 4.49 | 4.39 | 4.35 | 4.38 | 4.98 | 4.64 | 4.90 | 5.40 |
| Minnesota | 4.45 | 4.47 | 4.48 | 4.69 | 5.18 | 4.84 | 4.96 | 5.42 |
| Mississippi | 5.36 | 4.67 | 4.50 | 4.71 | 5.46 | 5.17 | 5.76 | 5.77 |
| Missouri | 4.96 | 4.37 | 4.42 | 4.53 | 5.43 | 4.49 | 5.20 | 6.99 |
| Montana | 5.16 | 5.06 | 5.03 | 4.95 | 5.23 | 4.95 | 5.14 | 5.78 |
| Nebraska | 4.73 | 4.45 | 4.45 | 4.51 | 5.01 | 4.57 | 4.85 | 5.60 |
| Nevada | 6.60 | 6.64 | 6.38 | 6.24 | 6.66 | 6.25 | 6.87 | 7.84 |
| New Hampshire | 5.65 | 7.38 | 7.33 | 7.31 | 7.96 | 7.62 | 8.36 | 7.76 |
| New Jersey | 6.92 | 6.67 | 6.52 | 7.06 | 7.11 | 6.79 | 7.06 | 7.65 |
| New Mexico | 5.49 | 5.66 | 5.00 | 4.79 | 5.61 | 4.40 | 3.55 | 4.00 |
| New York | 7.83 | 7.61 | 7.61 | 8.05 | 8.75 | 8.64 | 9.36 | 9.70 |
| North Carolina | 7.14 | 6.67 | 6.15 | 6.71 | 7.30 | 7.47 | 7.55 | 8.57 |
| North Dakota | 4.45 | 4.31 | 4.29 | 4.33 | 5.19 | 4.48 | 4.86 | 5.99 |
| Ohio | 5.41 | 5.26 | 5.10 | 5.70 | 5.88 | 5.89 | 5.95 | 6.60 |
| Oklahoma | 5.83 | 5.09 | 4.98 | 4.95 | 5.50 | 5.36 | 6.18 | 7.07 |
| Oregon | 6.75 | 6.59 | 6.56 | 6.40 | 6.99 | 6.56 | 6.74 | 7.55 |
| Pennsylvania | 7.26 | 7.02 | 7.19 | 7.28 | 7.44 | 7.29 | 7.69 | 8.21 |
| Rhode Island | 7.45 | 5.17 | 4.09 | 3.77 | 9.12 | 8.73 | 9.36 | 9.42 |
| South Carolina | 8.30 | 7.91 | 7.79 | 8.04 | 7.65 | 8.05 | 8.44 | 7.92 |
| South Dakota | 4.75 | 4.71 | 4.64 | 4.50 | 5.27 | 4.56 | 4.45 | 5.64 |
| Tennessee | 6.16 | 5.48 | 5.28 | 5.57 | 6.13 | 5.76 | 6.49 | 6.79 |
| Texas | 6.19 | 5.77 | 5.47 | 5.36 | 5.99 | 5.51 | 6.07 | 7.38 |
| Utah | 4.25 | 4.94 | 4.90 | 4.78 | 4.96 | 4.54 | 4.76 | 4.24 |
| Vermont | 6.67 | 6.54 | 6.49 | 6.51 | 6.94 | 6.70 | 7.35 | 7.85 |
| Virginia | 7.53 | 6.83 | 7.10 | 7.18 | 7.63 | 7.26 | 8.00 | 9.26 |
| Washington | 5.87 | 5.74 | 5.71 | 5.63 | 5.70 | 5.65 | 5.69 | 6.16 |
| West Virginia | 7.09 | 6.85 | 6.74 | 6.79 | 6.66 | 6.90 | 7.22 | 7.68 |
| Wisconsin | 5.83 | 5.83 | 5.84 | 5.93 | 6.28 | 5.96 | 5.95 | 5.47 |
| Wyoming | 4.93 | 4.85 | 4.77 | 4.89 | 5.10 | 4.77 | 4.98 | 5.40 |
| **Total** | 6.04 | 5.82 | 5.74 | 5.83 | 6.41 | 6.06 | 6.27 | 6.86 |

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 |
|---|---|---|---|---|---|---|---|---|
| | | | | April | March | February | January | Total |
| Alabama | 5.88 | 5.72 | 6.23 | 6.07 | 6.20 | 5.77 | 5.62 | 5.67 |
| Alaska | 2.35 | 2.53 | 2.55 | 2.37 | 2.34 | 2.35 | 2.33 | 2.44 |
| Arizona | 4.94 | 5.40 | 5.13 | 4.97 | 4.94 | 4.95 | 4.90 | 5.27 |
| Arkansas | 4.36 | 4.00 | 4.54 | 4.47 | 4.34 | 4.37 | 4.31 | 4.06 |
| California | 6.23 | 6.61 | 8.35 | 6.05 | 6.68 | 6.26 | 5.76 | 6.36 |
| Colorado | NA | 4.14 | 4.29 | NA | 3.73 | 3.59 | 3.61 | 4.12 |
| Connecticut | 7.76 | 7.41 | 7.50 | 7.72 | 7.69 | 8.29 | 7.37 | 7.16 |
| Delaware | 5.40 | 5.63 | 6.07 | 5.48 | 5.60 | 5.30 | 5.29 | 5.70 |
| District of Columbia | 7.29 | 6.13 | 6.71 | 6.63 | 8.41 | 7.83 | 6.57 | 6.03 |
| Florida | 6.46 | 5.11 | 5.64 | 6.61 | 6.68 | 6.39 | 6.20 | 5.20 |
| Georgia | 5.54 | 5.78 | 6.31 | 5.89 | 5.34 | 5.61 | 4.64 | 5.29 |
| Hawaii | 13.50 | 12.67 | 11.71 | 13.69 | 13.95 | 13.50 | 12.92 | 13.00 |
| Idaho | 4.47 | 4.86 | 4.98 | 4.66 | 4.42 | 4.41 | 4.45 | 4.90 |
| Illinois | 4.43 | 4.43 | 5.16 | 4.99 | 4.74 | 4.30 | 4.06 | 4.37 |
| Indiana | NA | 4.52 | 5.43 | NA | 4.34 | 4.18 | 4.04 | 4.35 |
| Iowa | 4.15 | 3.93 | 4.55 | 4.62 | 4.13 | 4.07 | 4.01 | 4.14 |
| Kansas | NA | 4.08 | 4.72 | 4.46 | NA | 4.50 | NA | 4.09 |
| Kentucky | 4.54 | 4.70 | 4.87 | 4.87 | 4.54 | 4.49 | 4.45 | 4.59 |
| Louisiana | 5.74 | 4.90 | 5.48 | 6.39 | 5.45 | 5.10 | 6.07 | 5.05 |
| Maine | 7.06 | 6.75 | 7.22 | 7.22 | 7.32 | 7.32 | 6.51 | 6.52 |
| Maryland | 5.79 | 4.97 | 5.71 | 5.54 | 5.97 | 6.03 | 5.58 | 5.05 |
| Massachusetts | 7.40 | 7.45 | 7.87 | 7.35 | 7.39 | 7.50 | 7.36 | 6.68 |
| Michigan | 4.46 | 4.29 | 4.58 | 4.51 | 4.46 | 4.48 | 4.41 | 4.44 |
| Minnesota | 4.41 | 3.95 | 4.52 | 4.42 | 4.37 | 4.53 | 4.39 | 3.96 |
| Mississippi | NA | 4.11 | 4.81 | NA | 4.73 | 4.42 | 4.87 | 4.06 |
| Missouri | 5.12 | 4.19 | 5.00 | 5.13 | 5.26 | 5.16 | 4.96 | 4.40 |
| Montana | 4.60 | 4.92 | 4.81 | 4.60 | 4.61 | 4.58 | 4.63 | 4.94 |
| Nebraska | NA | 3.99 | 4.46 | NA | NA | NA | NA | NA |
| Nevada | 4.85 | 5.38 | 5.16 | 4.90 | 4.86 | 4.84 | 4.80 | 5.39 |
| New Hampshire | 6.68 | 6.61 | 7.51 | 5.79 | 7.00 | 6.94 | 6.67 | 6.44 |
| New Jersey | 7.74 | 5.71 | 6.12 | 6.19 | 6.73 | 6.67 | 10.42 | 5.65 |
| New Mexico | 3.18 | 4.01 | 5.10 | 3.19 | 3.25 | 3.40 | 2.99 | 3.62 |
| New York | NA | NA | 6.79 | NA | NA | NA | NA | 5.78 |
| North Carolina | 5.89 | 5.36 | 5.61 | 5.86 | 6.34 | 6.10 | 5.39 | 5.27 |
| North Dakota | 3.84 | 3.81 | 4.60 | 3.89 | 3.78 | 3.87 | 3.84 | 3.69 |
| Ohio | 4.92 | 5.00 | 5.29 | 5.00 | 5.02 | 5.07 | 4.68 | 4.95 |
| Oklahoma | 4.46 | 4.63 | 4.68 | 4.25 | 4.60 | 4.46 | 4.48 | 4.56 |
| Oregon | 4.88 | 5.24 | 5.50 | 4.94 | 4.83 | 4.82 | 5.22 | 5.27 |
| Pennsylvania | 6.10 | 6.46 | 6.42 | 6.62 | 6.07 | 6.07 | 5.89 | 6.26 |
| Rhode Island | 6.89 | 4.80 | 8.07 | 6.07 | 7.29 | 7.26 | 6.63 | 5.49 |
| South Carolina | 6.34 | 6.58 | 6.54 | 6.05 | 6.49 | 6.57 | 6.20 | 6.19 |
| South Dakota | 3.80 | 3.72 | 4.39 | 4.36 | 3.47 | 4.04 | 3.54 | 3.98 |
| Tennessee | NA | 5.01 | 5.65 | NA | 5.80 | 5.81 | 5.14 | 5.02 |
| Texas | 4.37 | 4.43 | 4.50 | 4.19 | 4.41 | 4.37 | 4.47 | 4.14 |
| Utah | 3.32 | 3.67 | 3.97 | 2.86 | 3.69 | 3.06 | 3.59 | 3.64 |
| Vermont | 5.23 | 5.49 | 5.78 | 5.23 | 5.18 | 5.23 | 5.27 | NA |
| Virginia | 5.57 | 5.23 | 5.72 | 5.58 | 5.42 | 5.86 | 5.40 | 5.13 |
| Washington | 4.57 | 5.07 | 4.80 | 4.78 | 4.74 | 4.15 | 4.75 | 5.00 |
| West Virginia | 6.15 | 5.91 | 5.69 | 6.32 | 6.09 | 6.02 | 6.37 | 5.97 |
| Wisconsin | 4.77 | 4.64 | 5.24 | 5.05 | 4.73 | 4.65 | 4.78 | 4.52 |
| Wyoming | NA | 4.44 | 4.45 | NA | NA | NA | NA | NA |
| **Total** | 5.22 | 5.11 | 5.58 | 5.27 | 5.24 | 5.20 | 5.18 | 5.01 |

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 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | December | November | October | September | August | July | June | May |
| Alabama | 5.36 | 5.41 | 5.77 | 5.80 | 5.83 | 5.77 | 5.81 | 5.85 |
| Alaska | 2.52 | 2.40 | 2.24 | 2.29 | 2.19 | 2.25 | 2.34 | 2.40 |
| Arizona | 4.92 | 5.11 | 5.10 | 5.05 | 5.24 | 5.27 | 5.29 | 5.38 |
| Arkansas | 3.84 | 4.22 | 4.26 | 4.19 | 4.13 | 4.12 | 4.12 | 4.24 |
| California | 7.00 | 6.28 | 5.96 | 6.10 | 6.15 | 6.08 | 5.97 | 5.55 |
| Colorado | 3.68 | 3.77 | 4.27 | 4.63 | 4.57 | 4.44 | 4.30 | 4.22 |
| Connecticut | 7.97 | 7.14 | 6.08 | 6.16 | 5.92 | 6.75 | 6.73 | 6.78 |
| Delaware | 5.36 | 6.10 | 5.80 | 6.09 | 6.32 | 5.74 | 6.09 | 5.81 |
| District of Columbia | 5.99 | 6.38 | 5.94 | 6.01 | 5.45 | 5.33 | 5.51 | 6.08 |
| Florida | 5.52 | 5.30 | 5.22 | 5.17 | 5.21 | 5.19 | 5.22 | 5.17 |
| Georgia | 4.76 | 4.27 | 5.05 | 5.06 | 5.07 | 5.16 | 5.26 | 5.09 |
| Hawaii | 13.46 | 13.19 | 13.17 | 13.22 | 12.99 | 13.37 | 13.07 | 12.90 |
| Idaho | 4.72 | 5.25 | 4.99 | 5.04 | 5.09 | 5.18 | 5.18 | 4.55 |
| Illinois | 3.99 | 4.09 | 4.14 | 4.95 | 4.71 | 5.01 | 4.87 | 4.96 |
| Indiana | 3.90 | 3.73 | 4.05 | 4.72 | 4.88 | 4.93 | 5.03 | 4.81 |
| Iowa | 4.04 | 4.10 | 4.04 | 4.83 | 5.55 | 5.40 | 5.15 | 4.66 |
| Kansas | 4.31 | 4.25 | 3.31 | 3.89 | 3.86 | 3.97 | 4.04 | 4.19 |
| Kentucky | 4.27 | 4.14 | 4.56 | 4.70 | 5.26 | 4.71 | 5.27 | 4.79 |
| Louisiana | 5.61 | 5.43 | 5.38 | 5.15 | 4.76 | 5.10 | 4.55 | 5.25 |
| Maine | 6.48 | 6.58 | 5.92 | 6.05 | 6.17 | 6.11 | 6.00 | 5.91 |
| Maryland | 5.15 | 5.00 | 5.18 | 4.85 | 5.23 | 5.82 | 5.30 | 4.89 |
| Massachusetts | 7.12 | 6.73 | 4.82 | 5.18 | 5.19 | 5.29 | 4.94 | 4.92 |
| Michigan | 4.36 | 4.46 | 4.56 | 5.34 | 5.56 | 5.59 | 5.23 | 4.59 |
| Minnesota | 4.20 | 3.86 | 3.93 | 3.90 | 3.97 | 2.67 | 4.17 | 4.04 |
| Mississippi | 4.27 | 4.11 | 3.94 | 3.82 | 3.47 | 3.90 | 4.02 | 4.14 |
| Missouri | 4.96 | 4.75 | 4.59 | 4.86 | 4.89 | 4.88 | 4.76 | 4.01 |
| Montana | 4.66 | 4.80 | 5.11 | 5.47 | 5.52 | 5.31 | 5.17 | 4.96 |
| Nebraska | NA | NA | NA | NA | 3.63 | 3.64 | 3.77 | 5.00 |
| Nevada | 4.87 | 5.30 | 5.58 | 5.62 | 5.69 | 5.64 | 5.55 | 5.44 |
| New Hampshire | 6.70 | 6.48 | 5.66 | 5.95 | 6.21 | 6.03 | 6.04 | 5.38 |
| New Jersey | 6.05 | 6.08 | 5.25 | 4.81 | 5.17 | 5.28 | 5.13 | 5.13 |
| New Mexico | 2.86 | 2.92 | 3.30 | 3.44 | 3.37 | 4.00 | 3.51 | 4.02 |
| New York | 5.86 | 5.09 | 5.27 | 5.45 | 5.46 | 5.58 | 6.12 | 6.14 |
| North Carolina | 5.22 | 5.21 | 5.14 | 5.14 | 5.18 | 5.22 | 5.13 | 5.09 |
| North Dakota | 1.82 | 4.07 | 4.43 | 4.50 | 4.73 | 4.67 | 4.50 | 4.12 |
| Ohio | 4.67 | 4.68 | 5.08 | 5.36 | 5.30 | 5.39 | 5.37 | 4.89 |
| Oklahoma | 4.45 | 4.42 | 4.34 | 4.40 | 4.53 | 4.62 | 4.55 | 4.61 |
| Oregon | 5.00 | 5.51 | 5.43 | 5.57 | 5.57 | 5.48 | 5.06 | 5.11 |
| Pennsylvania | 5.32 | 5.66 | 6.23 | 7.04 | 7.13 | 7.09 | 7.11 | 6.77 |
| Rhode Island | 6.86 | 5.87 | 6.28 | 5.92 | 6.25 | 5.95 | 6.43 | 6.00 |
| South Carolina | 5.89 | 5.88 | 5.77 | 5.70 | 5.74 | 5.83 | 6.03 | 5.90 |
| South Dakota | 3.90 | 3.84 | 3.67 | 5.00 | 6.22 | 5.82 | 5.16 | 4.26 |
| Tennessee | 5.15 | 4.80 | 5.03 | 5.15 | 5.07 | 5.36 | 5.05 | 4.84 |
| Texas | 3.86 | 4.26 | 4.09 | 4.06 | 3.61 | 3.72 | 4.02 | 4.08 |
| Utah | 3.92 | 3.91 | 3.24 | 3.40 | 3.52 | 3.49 | 3.42 | 3.26 |
| Vermont | 5.12 | 5.22 | NA | 5.44 | 5.68 | 5.22 | 5.79 | 5.66 |
| Virginia | 4.96 | 4.55 | 5.27 | 5.23 | 5.14 | 5.48 | 5.45 | 5.13 |
| Washington | 4.89 | 4.89 | 4.95 | 4.91 | 4.95 | 5.05 | 4.85 | 5.04 |
| West Virginia | 5.98 | 5.93 | 5.88 | 5.97 | 5.98 | 6.27 | 6.40 | 6.40 |
| Wisconsin | 4.78 | 4.48 | 3.72 | 4.24 | 3.96 | 4.17 | 3.92 | 4.30 |
| Wyoming | NA | NA | NA | NA | 4.10 | 4.17 | 4.33 | 4.38 |
| **Total** | 4.88 | 4.78 | 4.78 | 4.97 | 4.93 | 5.02 | 5.11 | 5.00 |

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 | | | |
|---|---|---|---|---|---|---|---|---|
| | April | March | February | January | Total | December | November | October |
| Alabama | 6.02 | 5.50 | 5.65 | 5.87 | 6.38 | 6.38 | 6.56 | 6.58 |
| Alaska | 2.50 | 2.51 | 2.53 | 2.57 | 2.48 | 2.56 | 2.46 | 2.35 |
| Arizona | 5.42 | 5.43 | 5.41 | 5.35 | 5.27 | 5.34 | 5.43 | 5.50 |
| Arkansas | 3.89 | 3.96 | 3.90 | 4.19 | 4.58 | 4.13 | 4.32 | 4.65 |
| California | 5.97 | 6.40 | 6.73 | 7.11 | 7.12 | 6.83 | 6.02 | 5.68 |
| Colorado | 4.17 | 4.16 | 4.13 | 4.12 | 4.37 | 4.28 | 4.43 | 4.75 |
| Connecticut | 7.48 | 7.31 | 7.43 | 7.45 | 7.39 | 7.38 | 7.32 | 7.04 |
| Delaware | 5.73 | 5.56 | 5.59 | 5.68 | 6.17 | 5.95 | 6.20 | 6.48 |
| District of Columbia | 6.36 | 6.30 | 6.14 | 5.82 | 6.16 | 6.02 | 5.92 | 5.96 |
| Florida | 5.16 | 5.05 | 5.03 | 5.20 | 5.54 | 5.36 | 5.35 | 5.32 |
| Georgia | 5.97 | 6.02 | 5.48 | 5.84 | 6.18 | 6.13 | 6.42 | 5.99 |
| Hawaii | 12.96 | 12.66 | 12.55 | 12.53 | 12.40 | 12.45 | 12.39 | 12.89 |
| Idaho | 5.17 | 4.82 | 4.86 | 4.72 | 5.01 | 4.74 | 5.04 | 5.05 |
| Illinois | 4.36 | 4.50 | 4.44 | 4.39 | 5.12 | 4.63 | 4.33 | 4.81 |
| Indiana | 4.47 | 4.43 | 4.58 | 4.55 | 5.33 | 4.68 | 4.42 | 4.82 |
| Iowa | 4.01 | 4.05 | 3.93 | 3.82 | 4.51 | 4.17 | 3.93 | 4.28 |
| Kansas | 4.06 | 3.99 | 4.05 | 4.18 | 4.12 | 3.82 | 3.46 | 3.42 |
| Kentucky | 4.75 | 4.61 | 4.66 | 4.79 | 4.98 | 4.98 | 5.05 | 5.00 |
| Louisiana | 4.88 | 4.92 | 4.76 | 5.05 | 5.42 | 5.20 | 5.52 | 5.33 |
| Maine | 6.90 | 6.77 | 6.68 | 6.71 | 6.97 | 6.74 | 6.86 | 6.50 |
| Maryland | 4.94 | 5.00 | 4.95 | 4.98 | 5.46 | 4.95 | 5.01 | 4.80 |
| Massachusetts | 7.27 | 7.53 | 7.46 | 7.49 | 6.82 | 7.29 | 6.96 | 4.61 |
| Michigan | 4.27 | 4.25 | 4.32 | 4.30 | 4.68 | 4.50 | 4.56 | 4.87 |
| Minnesota | 3.69 | 3.90 | 3.93 | 4.13 | 4.36 | 4.17 | 3.97 | 3.87 |
| Mississippi | 4.14 | 4.03 | 4.03 | 4.23 | 4.56 | 4.39 | 4.37 | 4.07 |
| Missouri | 4.09 | 3.98 | 4.21 | 4.36 | 4.85 | 4.26 | 4.24 | 4.68 |
| Montana | 4.93 | 4.95 | 4.96 | 4.85 | 4.91 | 4.80 | 4.86 | 5.12 |
| Nebraska | 3.90 | 3.97 | 3.97 | 4.08 | 4.24 | 4.07 | 3.95 | 4.04 |
| Nevada | 5.41 | 5.41 | 5.37 | 5.34 | 5.36 | 5.34 | 5.62 | 5.58 |
| New Hampshire | 5.47 | 6.89 | 6.85 | 6.86 | 7.17 | 6.94 | 7.19 | 6.27 |
| New Jersey | 5.21 | 5.68 | 5.56 | 6.20 | 6.03 | 6.12 | 6.66 | 5.40 |
| New Mexico | 3.85 | 4.06 | 4.02 | 4.04 | 4.41 | 3.81 | 2.98 | 3.06 |
| New York | 6.03 | NA | 6.07 | 5.99 | 6.51 | 6.23 | 6.02 | 5.84 |
| North Carolina | 5.18 | 5.60 | 5.17 | 5.46 | 5.56 | 5.49 | 5.88 | 5.32 |
| North Dakota | 3.81 | 3.77 | 3.80 | 3.85 | 4.48 | 3.92 | 3.97 | 4.32 |
| Ohio | 4.94 | 4.81 | 4.82 | 5.36 | 5.38 | 5.43 | 5.49 | 5.63 |
| Oklahoma | 4.65 | 4.68 | 4.54 | 4.67 | 4.72 | 4.78 | 4.88 | 4.88 |
| Oregon | 5.26 | 5.24 | 5.25 | 5.23 | 5.51 | 5.34 | 5.37 | 5.51 |
| Pennsylvania | 6.54 | 6.38 | 6.54 | 6.41 | 6.50 | 6.50 | 6.47 | 6.49 |
| Rhode Island | 7.15 | 4.82 | 4.03 | 3.74 | 7.57 | 7.01 | 6.41 | 6.77 |
| South Carolina | 6.53 | 6.57 | 6.57 | 6.61 | 6.11 | 6.54 | 6.60 | 5.60 |
| South Dakota | 3.68 | 3.74 | 3.73 | 3.72 | 4.35 | 3.74 | 3.74 | 4.17 |
| Tennessee | 4.88 | 5.06 | 4.86 | 5.17 | 5.56 | 5.32 | 5.53 | 5.28 |
| Texas | 4.03 | 4.40 | 4.54 | 4.67 | 4.33 | 4.42 | 4.42 | 4.51 |
| Utah | 3.16 | 3.88 | 3.77 | 3.72 | 3.84 | 3.60 | 3.96 | 3.42 |
| Vermont | 5.50 | 5.50 | 5.52 | 5.44 | 5.60 | 5.44 | 5.28 | 5.36 |
| Virginia | 4.99 | 5.01 | 5.44 | 5.30 | 5.67 | 5.27 | 5.58 | 5.75 |
| Washington | 5.06 | 5.17 | 5.02 | 5.04 | 4.90 | 5.06 | 4.98 | 4.78 |
| West Virginia | 5.80 | 5.90 | 5.95 | 5.94 | 5.91 | 5.85 | 6.43 | 6.72 |
| Wisconsin | 4.55 | 4.57 | 4.60 | 4.78 | 4.90 | 4.67 | 4.48 | 3.93 |
| Wyoming | 4.38 | 4.39 | 4.35 | 4.58 | 4.45 | 4.34 | 4.44 | 4.49 |
| **Total** | 5.03 | 5.08 | 5.09 | 5.20 | 5.44 | 5.24 | 5.19 | 5.10 |

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 |
|---|---|---|---|---|---|---|---|---|
| | | | | April | March | February | January | Total |
| Alabama | 3.90 | 3.06 | 3.64 | 3.68 | 3.84 | 4.10 | 3.96 | 2.93 |
| Alaska | 1.51 | 1.52 | 1.39 | 1.51 | 1.52 | 1.50 | 1.50 | 1.53 |
| Arizona | 3.92 | 3.68 | 3.89 | 3.90 | 3.92 | 3.94 | 3.91 | 3.82 |
| Arkansas | 3.01 | 2.90 | 3.29 | 2.95 | 3.04 | 2.95 | 3.09 | 2.75 |
| California | 3.79 | 3.85 | 3.30 | 3.61 | 3.69 | 3.89 | 3.99 | 3.62 |
| Colorado | NA | 2.04 | 1.33 | NA | 1.91 | 1.72 | 1.80 | 1.95 |
| Connecticut | 5.46 | 4.82 | 5.26 | 4.69 | 5.21 | 5.68 | 6.52 | 4.32 |
| Delaware | 3.96 | 3.28 | 4.14 | 4.04 | 3.93 | 4.15 | 3.79 | 3.06 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 4.39 | 3.13 | 3.79 | 4.62 | 4.26 | 4.57 | 4.16 | 3.24 |
| Georgia | 4.45 | 3.61 | 4.43 | 3.97 | 4.71 | 4.80 | 3.91 | 3.38 |
| Hawaii | — | — | — | — | — | — | — | — |
| Idaho [a] | 3.20 | 3.84 | 4.10 | 3.00 | 3.18 | 3.17 | 3.47 | 3.67 |
| Illinois | 3.91 | 3.84 | 4.73 | 3.27 | 4.66 | 3.84 | 3.67 | 3.52 |
| Indiana | NA | 2.73 | 4.86 | NA | 3.36 | 3.53 | 3.04 | 2.88 |
| Iowa | 3.25 | 3.10 | 3.75 | 3.08 | 3.35 | 3.38 | 3.20 | 3.21 |
| Kansas | 2.52 | 2.04 | 3.40 | 2.19 | 2.84 | 2.47 | 2.51 | 2.03 |
| Kentucky | 3.78 | 3.44 | 3.86 | 3.75 | 3.82 | 3.74 | 3.79 | 3.29 |
| Louisiana | 2.70 | 1.72 | 2.52 | 2.82 | 3.01 | 2.74 | 2.53 | 1.79 |
| Maine | 6.18 | 5.32 | 6.13 | 6.27 | 6.38 | 6.50 | 5.60 | 4.46 |
| Maryland | 6.93 | 3.43 | 4.59 | 5.47 | 28.02 | 5.89 | 4.17 | 3.53 |
| Massachusetts | 6.70 | 5.83 | 6.78 | 5.91 | 7.12 | 7.00 | 6.83 | 4.55 |
| Michigan | 4.02 | 3.98 | 3.82 | 3.92 | 4.06 | 4.05 | 4.04 | 4.05 |
| Minnesota | 2.89 | 2.78 | 3.15 | 2.72 | 2.91 | 3.16 | 2.99 | 2.52 |
| Mississippi | NA | 2.61 | 3.23 | NA | 3.51 | 3.19 | 3.75 | 2.64 |
| Missouri | 4.58 | 3.61 | 4.60 | 4.59 | 4.87 | 4.58 | 4.32 | 3.45 |
| Montana | 4.81 | 4.86 | 4.82 | 4.84 | 4.74 | 4.72 | 4.94 | 4.92 |
| Nebraska | 3.17 | 2.87 | 3.53 | 3.14 | 3.11 | 3.20 | 3.20 | 2.73 |
| Nevada | 4.95 | 5.46 | 5.66 | 4.91 | 4.96 | 4.98 | 4.93 | 5.34 |
| New Hampshire | 5.19 | 4.67 | 6.09 | 4.27 | 5.43 | 6.08 | 5.23 | 3.80 |
| New Jersey | 4.30 | 3.34 | 4.13 | 4.13 | 4.19 | 4.83 | 4.11 | 3.12 |
| New Mexico | 2.96 | 4.95 | 4.39 | 3.32 | 5.55 | 3.43 | 2.41 | 3.38 |
| New York | NA | 4.84 | 5.73 | 2.61 | NA | 5.54 | 5.02 | 4.49 |
| North Carolina | 4.45 | 3.51 | 4.12 | 3.91 | 4.60 | 5.02 | 4.42 | 3.38 |
| North Dakota | 3.33 | 2.89 | 3.53 | 3.34 | 3.14 | 3.34 | 3.44 | NA |
| Ohio | 4.55 | 4.67 | 4.58 | 4.78 | 4.70 | 4.38 | 4.51 | 4.45 |
| Oklahoma | 2.86 | 2.41 | 2.32 | 2.79 | 2.90 | 2.87 | 2.86 | 2.21 |
| Oregon | 3.23 | 3.44 | 3.56 | 3.14 | 3.27 | 3.25 | 3.47 | 3.40 |
| Pennsylvania | 4.32 | 4.04 | 4.42 | 4.23 | 4.24 | 4.37 | 4.42 | 4.30 |
| Rhode Island | 5.06 | 5.68 | 6.00 | 4.42 | 5.58 | 5.40 | 5.29 | 4.25 |
| South Carolina | 4.04 | 3.19 | 3.65 | 3.74 | 3.97 | 4.24 | 4.34 | 3.06 |
| South Dakota | 2.03 | 3.18 | 3.60 | 3.33 | 1.48 | 3.28 | 3.08 | 3.43 |
| Tennessee | NA | 3.38 | 4.12 | NA | 3.77 | 4.29 | 3.31 | 3.13 |
| Texas | NA | 1.86 | 2.19 | 2.57 | 2.36 | NA | 2.41 | 1.88 |
| Utah | 2.07 | 2.61 | 3.62 | 2.00 | 2.27 | 1.75 | 2.26 | 2.39 |
| Vermont | 3.58 | 3.44 | 3.70 | 3.74 | 3.53 | 3.62 | 3.45 | 3.37 |
| Virginia | 4.64 | 4.12 | 3.05 | 5.13 | 4.70 | 4.61 | 4.22 | 3.35 |
| Washington | 2.51 | 2.76 | 3.11 | 2.49 | 2.56 | 2.57 | 2.41 | NA |
| West Virginia | 2.81 | 2.62 | 3.33 | 2.97 | 2.99 | 2.93 | 2.44 | 2.62 |
| Wisconsin | 3.80 | 3.37 | 3.89 | 3.74 | 3.77 | 3.72 | 3.95 | 3.15 |
| Wyoming | NA | 3.40 | 3.49 | NA | NA | NA | NA | NA |
| **Total** | 3.44 | 2.81 | 3.35 | 3.32 | 3.55 | 3.55 | 3.33 | 2.66 |

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 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | December | November | October | September | August | July | June | May |
| Alabama | 3.18 | 3.07 | 2.73 | 2.65 | 2.55 | 2.57 | 2.93 | 3.04 |
| Alaska | 1.50 | 1.51 | 1.52 | 1.51 | 1.53 | 1.56 | 1.55 | 1.53 |
| Arizona | 4.69 | 4.00 | 3.96 | 3.98 | 4.18 | 3.99 | 3.37 | 3.37 |
| Arkansas | 2.96 | 2.81 | 2.50 | 2.36 | 2.45 | 2.76 | 2.73 | 2.74 |
| California | 4.04 | 3.89 | 3.60 | 3.70 | 3.28 | 3.19 | 3.25 | 3.26 |
| Colorado | 1.85 | 1.82 | 1.69 | 1.78 | 1.92 | 1.93 | 2.19 | 2.02 |
| Connecticut | 5.38 | 4.39 | 3.77 | 3.71 | 3.70 | 3.64 | 3.74 | 3.92 |
| Delaware | 3.93 | 3.00 | 2.96 | 2.85 | 2.70 | 2.87 | 2.92 | 2.81 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 3.54 | 3.39 | 3.32 | 3.29 | 3.12 | 3.27 | 3.28 | 3.24 |
| Georgia | 3.92 | 3.39 | 3.34 | 3.19 | 2.98 | 2.89 | 3.20 | 3.26 |
| Hawaii | — | — | — | — | — | — | — | — |
| Idaho [a] | 3.93 | 3.82 | 3.34 | 2.79 | 3.51 | 3.68 | 3.79 | 3.65 |
| Illinois | 3.27 | 3.18 | 3.34 | 3.55 | 3.75 | 3.94 | 2.64 | 2.95 |
| Indiana | 2.99 | 2.77 | 2.80 | 3.01 | 2.89 | 3.21 | 3.37 | 3.56 |
| Iowa | 3.12 | 3.04 | 3.18 | 3.49 | 3.76 | 3.82 | 3.11 | 3.24 |
| Kansas | 2.27 | 2.12 | 2.01 | 2.03 | 1.88 | 1.88 | 2.03 | 2.05 |
| Kentucky | 3.45 | 3.22 | 3.15 | 3.07 | 2.89 | 3.20 | 3.18 | 3.28 |
| Louisiana | 2.19 | 1.87 | 1.79 | 1.66 | 1.63 | 1.82 | 1.85 | 1.79 |
| Maine | 5.43 | 4.54 | 3.74 | 3.70 | 3.79 | 3.80 | 3.77 | 3.62 |
| Maryland | 4.80 | 4.27 | 2.86 | 3.27 | 3.32 | 3.70 | 3.36 | 4.02 |
| Massachusetts | 5.67 | 5.01 | 3.91 | 3.62 | 3.21 | 3.32 | 2.05 | 4.09 |
| Michigan | 3.99 | 4.04 | 4.13 | 4.26 | 4.44 | 4.47 | 4.27 | 4.11 |
| Minnesota | 2.75 | 2.74 | 2.44 | 2.16 | 2.24 | 2.14 | 2.10 | 2.26 |
| Mississippi | 3.13 | 2.72 | 2.55 | 2.53 | 2.45 | 2.51 | 2.70 | 2.53 |
| Missouri | 3.33 | 3.64 | 3.08 | 3.18 | 3.21 | 3.34 | 3.37 | 3.14 |
| Montana | 4.91 | 4.93 | 5.03 | 5.04 | 5.12 | 5.07 | 5.03 | 4.90 |
| Nebraska | 2.85 | 2.32 | 2.49 | 2.74 | 2.90 | 2.63 | 2.58 | 2.67 |
| Nevada | 4.92 | 5.15 | 5.23 | 5.29 | 5.30 | 5.33 | 5.41 | 5.51 |
| New Hampshire | 4.97 | 3.79 | 2.99 | 2.94 | 2.82 | 2.92 | 3.22 | 3.11 |
| New Jersey | 3.52 | 3.14 | 2.84 | 2.84 | 2.85 | 2.89 | 2.86 | 2.88 |
| New Mexico | 2.71 | 2.64 | 2.46 | 2.78 | 2.94 | 4.06 | 5.26 | 9.34 |
| New York | 4.76 | 4.48 | NA | 3.84 | 3.77 | 3.92 | 4.16 | 4.26 |
| North Carolina | 3.90 | 3.54 | 3.01 | 3.20 | 3.06 | 3.09 | 2.93 | 2.91 |
| North Dakota | 3.17 | 2.10 | NA | 2.68 | 2.67 | 2.78 | 2.75 | 2.79 |
| Ohio | 4.34 | 4.53 | 3.82 | 4.32 | 4.30 | 4.10 | 4.04 | 3.91 |
| Oklahoma | 2.56 | 2.44 | 1.87 | 1.77 | 1.99 | 1.77 | 1.93 | 2.08 |
| Oregon | 3.25 | 3.38 | 3.28 | 3.43 | 3.37 | 3.50 | 3.44 | 3.46 |
| Pennsylvania | 3.93 | 3.71 | 3.91 | 10.29 | 3.63 | 3.85 | 3.92 | 3.94 |
| Rhode Island | 4.82 | 3.32 | 3.84 | 3.53 | 3.38 | 3.62 | 3.48 | 3.64 |
| South Carolina | 3.58 | 3.21 | 2.91 | 2.83 | 2.83 | 2.93 | 2.87 | 2.89 |
| South Dakota | 3.20 | 2.76 | 4.05 | 4.26 | 5.45 | 5.07 | 3.84 | 3.28 |
| Tennessee | 3.10 | 2.90 | 2.97 | 2.91 | 3.13 | 3.07 | 2.86 | 3.04 |
| Texas | 2.33 | 1.93 | 1.86 | 1.81 | 1.74 | 1.72 | 1.88 | 1.88 |
| Utah | 2.36 | 2.25 | 2.08 | 2.13 | 2.07 | 2.10 | 2.41 | 2.44 |
| Vermont | 2.96 | 3.25 | 3.32 | 3.69 | 3.40 | 3.65 | 3.37 | 3.31 |
| Virginia | 3.28 | 2.86 | 4.23 | 2.48 | 1.63 | 2.71 | 3.77 | 3.63 |
| Washington | 2.96 | 2.82 | NA | NA | 2.32 | 2.58 | 2.70 | 2.87 |
| West Virginia | 2.89 | 2.92 | 2.61 | 2.43 | 2.32 | 2.47 | 2.57 | 2.49 |
| Wisconsin | 3.89 | 3.23 | 2.68 | 2.75 | 2.58 | 2.43 | 2.86 | 2.83 |
| Wyoming | NA | NA | NA | NA | 3.01 | 2.98 | 3.22 | 3.18 |
| **Total** | 3.07 | 2.71 | 2.49 | 2.51 | 2.34 | 2.38 | 2.44 | 2.52 |

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 | | | |
|---|---|---|---|---|---|---|---|---|
| | April | March | February | January | Total | December | November | October |
| Alabama | 2.91 | 3.01 | 3.13 | 3.16 | 3.26 | 3.13 | 3.07 | 2.75 |
| Alaska | 1.54 | 1.52 | 1.52 | 1.51 | 1.42 | 1.49 | 1.44 | 1.44 |
| Arizona | 3.16 | 3.41 | 4.28 | 4.29 | 3.57 | 4.65 | 3.45 | 3.14 |
| Arkansas | 2.77 | 2.76 | 2.84 | 3.19 | 3.28 | 3.44 | 3.22 | 3.21 |
| California | 3.38 | 3.73 | 3.84 | 4.41 | 3.25 | 4.05 | 4.56 | 2.61 |
| Colorado | 2.03 | 2.07 | 1.90 | 2.16 | 2.38 | 1.18 | 1.20 | 1.03 |
| Connecticut | 4.45 | 4.38 | 5.21 | 5.26 | 4.49 | 4.76 | 4.25 | 3.76 |
| Delaware | 2.94 | 3.32 | 3.63 | 3.43 | 3.43 | 3.31 | 3.11 | 2.88 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 3.17 | 3.09 | 3.11 | 3.14 | 3.51 | 3.24 | 3.19 | 3.20 |
| Georgia | 3.15 | 3.61 | 3.88 | 3.73 | 3.90 | 3.84 | 3.77 | 3.41 |
| Hawaii | — | — | — | — | — | — | — | — |
| Idaho [a] | 3.79 | 3.84 | 3.91 | 3.81 | 3.85 | 3.95 | 3.15 | 3.96 |
| Illinois | 3.44 | 3.83 | 3.98 | 3.94 | 4.39 | 4.11 | 3.19 | 3.23 |
| Indiana | 3.35 | 3.67 | 3.81 | 1.74 | 4.60 | 4.12 | 3.72 | 3.77 |
| Iowa | 2.89 | 3.34 | 2.97 | 3.19 | 3.99 | 3.74 | 2.82 | 3.14 |
| Kansas | 1.94 | 1.96 | 2.09 | 2.18 | 2.75 | 2.56 | 2.35 | 1.96 |
| Kentucky | 3.18 | 3.33 | 3.47 | 3.71 | 3.64 | 3.64 | 3.48 | 3.29 |
| Louisiana | 1.68 | 1.63 | 1.72 | 1.85 | 2.17 | 1.88 | 1.75 | 1.70 |
| Maine | 4.49 | 5.58 | 5.74 | 5.73 | 4.79 | 5.24 | 4.38 | 3.95 |
| Maryland | 3.99 | 3.72 | 2.69 | 3.35 | 4.04 | 3.02 | 3.17 | 3.49 |
| Massachusetts | 5.47 | 5.69 | 5.85 | 6.30 | 5.25 | 6.15 | 5.07 | 3.82 |
| Michigan | 3.88 | 3.90 | 4.14 | 3.97 | 3.93 | 3.86 | 3.87 | 3.95 |
| Minnesota | 2.35 | 2.90 | 2.87 | 3.04 | 2.87 | 2.67 | 2.84 | 2.80 |
| Mississippi | 2.60 | 2.51 | 2.59 | 2.74 | 2.98 | 2.81 | 2.81 | 2.61 |
| Missouri | 3.36 | 3.47 | 3.69 | 3.78 | 4.18 | 3.69 | 3.46 | 3.59 |
| Montana | 4.87 | 4.84 | 4.83 | 4.86 | 4.91 | 4.93 | 4.94 | 5.03 |
| Nebraska | 2.67 | 2.90 | 2.89 | 2.95 | 3.12 | 2.95 | 2.81 | 2.53 |
| Nevada | 5.42 | 5.43 | 5.59 | 5.41 | 5.67 | 5.71 | 5.85 | 5.60 |
| New Hampshire | 3.52 | 4.13 | 6.52 | 5.98 | 4.44 | 4.88 | 3.86 | 3.18 |
| New Jersey | 2.98 | 3.49 | 3.29 | 3.59 | 3.64 | 3.85 | 3.64 | 2.93 |
| New Mexico | 4.42 | 5.73 | 6.35 | 4.59 | 3.39 | 3.16 | 2.70 | 2.70 |
| New York | 4.63 | 4.87 | 4.89 | 4.91 | 5.22 | 4.94 | 4.53 | 4.22 |
| North Carolina | 2.96 | 3.40 | 3.83 | 3.81 | 3.68 | 3.73 | 3.42 | 3.22 |
| North Dakota | 2.77 | 2.77 | 2.90 | 3.07 | 3.31 | 2.78 | 3.15 | 3.05 |
| Ohio | 4.49 | 4.34 | 4.70 | 4.99 | 4.45 | 4.49 | 4.30 | 4.18 |
| Oklahoma | 2.50 | 2.50 | 2.09 | 2.58 | 2.14 | 2.33 | 2.71 | 1.69 |
| Oregon | 3.38 | 3.41 | 3.48 | 3.47 | 3.61 | 3.60 | 3.74 | 3.68 |
| Pennsylvania | 3.66 | 3.84 | 4.54 | 4.06 | 4.01 | 3.82 | 3.61 | 3.72 |
| Rhode Island | 4.67 | 5.37 | 7.10 | 6.51 | 4.43 | 4.40 | 3.95 | 3.46 |
| South Carolina | 2.88 | 2.99 | 2.76 | 4.33 | 3.32 | 3.52 | 3.32 | 3.19 |
| South Dakota | 2.92 | 3.20 | 3.15 | 3.39 | 3.72 | 3.48 | 3.30 | 3.59 |
| Tennessee | 3.09 | 3.10 | 3.74 | 3.59 | 3.84 | 3.46 | 3.53 | 3.59 |
| Texas | 1.80 | 1.76 | 1.99 | 1.93 | 2.20 | 1.91 | 1.87 | 1.62 |
| Utah | 2.54 | 2.61 | 2.63 | 2.63 | 2.74 | 2.03 | 2.57 | 2.42 |
| Vermont | 3.38 | 3.47 | 3.56 | 3.38 | 3.47 | 3.44 | 3.32 | 3.36 |
| Virginia | 3.69 | 3.92 | 4.43 | 4.29 | 3.15 | 3.20 | 3.58 | 3.63 |
| Washington | 2.64 | 2.66 | 2.79 | 2.93 | 2.95 | 3.08 | 2.97 | 2.78 |
| West Virginia | 2.55 | 2.51 | 2.66 | 2.76 | 2.93 | 2.77 | 2.70 | 2.51 |
| Wisconsin | 3.07 | 3.28 | 3.48 | 3.57 | 3.36 | 3.44 | 3.22 | 2.56 |
| Wyoming | 3.43 | 3.49 | 3.37 | 3.33 | 3.51 | 3.64 | 3.52 | 3.50 |
| **Total** | 2.58 | 2.75 | 2.95 | 2.94 | 3.05 | 2.99 | 2.86 | 2.50 |

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[a] Consumers, by State, 1995-1996

(Dollars per Thousand Cubic Feet)

| State | YTD 1996 | YTD 1995 | YTD 1994 | 1996 | | | 1995 | |
|---|---|---|---|---|---|---|---|---|
| | | | | March | February | January | Total | December |
| Alabama | 3.23 | 1.99 | 3.06 | 3.29 | 2.82 | 3.71 | 2.01 | 2.68 |
| Alaska | 1.28 | 1.34 | 0.75 | 1.22 | [R]1.29 | [R]1.32 | [R]1.29 | [R]1.24 |
| Arizona | 2.71 | 1.69 | 2.65 | 2.31 | 3.19 | 2.71 | 1.77 | 2.35 |
| Arkansas | 3.63 | 1.42 | 1.77 | 2.71 | 7.11 | 2.02 | 1.74 | 2.68 |
| California | 2.76 | 2.39 | 2.95 | 2.55 | 3.03 | 2.69 | 2.28 | 2.57 |
| Colorado | 1.78 | 1.66 | 2.57 | 1.79 | 1.75 | 1.80 | 1.74 | 1.90 |
| Connecticut | — | 2.10 | 6.24 | — | — | — | — | — |
| Delaware | 4.06 | 2.40 | 3.15 | 2.89 | 4.63 | 4.63 | 2.34 | 3.70 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 3.43 | 1.96 | 2.39 | 3.50 | 2.83 | 3.87 | 2.26 | 3.07 |
| Georgia | 5.37 | 4.88 | 3.76 | 5.18 | 4.90 | 7.30 | 2.79 | 4.55 |
| Hawaii | — | — | — | — | — | — | — | — |
| Idaho | — | — | — | — | — | — | — | — |
| Illinois | 3.17 | 1.55 | 2.65 | 3.12 | 3.24 | 3.19 | 1.71 | 2.48 |
| Indiana | 3.71 | 2.45 | 3.79 | 3.85 | [R]3.98 | [R]3.39 | 2.49 | 3.01 |
| Iowa | 4.32 | 2.97 | 3.63 | 5.45 | 3.44 | 3.36 | 2.72 | 2.94 |
| Kansas | 2.30 | 1.65 | 2.37 | 2.18 | 2.46 | 2.28 | 1.58 | 2.06 |
| Kentucky | 3.82 | 2.61 | 3.14 | 3.72 | 3.57 | 3.96 | 3.01 | 3.14 |
| Louisiana | 3.66 | 1.78 | 2.74 | 3.25 | 4.04 | 3.72 | 1.88 | 2.72 |
| Maine | — | — | — | — | — | — | — | — |
| Maryland | 6.01 | 2.50 | 3.66 | 5.72 | 6.54 | 6.01 | 2.24 | 5.16 |
| Massachusetts | 4.56 | 2.16 | 3.36 | 4.17 | 3.70 | 6.47 | 2.06 | 3.92 |
| Michigan | 0.78 | 0.84 | 0.91 | 0.83 | 0.90 | 0.65 | 0.73 | 0.61 |
| Minnesota | 2.26 | 1.96 | 2.53 | 2.43 | 2.13 | 2.10 | 1.77 | 2.11 |
| Mississippi | 5.04 | 1.66 | 2.76 | 3.50 | [R]8.16 | [R]4.08 | 1.78 | 2.76 |
| Missouri | 3.19 | 1.50 | 2.66 | 3.37 | [R]3.12 | [R]3.11 | 1.69 | 2.38 |
| Montana | 8.77 | 14.27 | 1.43 | 20.05 | 3.68 | 1.86 | 3.84 | 3.84 |
| Nebraska | 2.19 | 1.95 | 2.80 | 2.39 | 2.19 | 1.96 | 1.65 | 1.91 |
| Nevada | 2.11 | 1.63 | 2.48 | 2.14 | 2.22 | 1.99 | 1.71 | 2.02 |
| New Hampshire | — | 1.85 | — | — | — | — | — | — |
| New Jersey | 2.90 | 1.80 | 2.77 | 3.67 | 2.85 | 2.76 | 2.18 | 3.12 |
| New Mexico | 2.16 | 1.58 | 2.31 | 2.23 | 2.16 | [R]2.07 | 1.57 | 1.83 |
| New York | 3.85 | 2.22 | 3.02 | 3.42 | 3.91 | 4.49 | 2.13 | 3.10 |
| North Carolina | 3.07 | 2.97 | 4.05 | — | — | 3.07 | — | — |
| North Dakota | 3.58 | 3.66 | 4.49 | — | — | 3.58 | 3.71 | 3.58 |
| Ohio | 3.80 | 2.44 | 4.39 | 3.74 | 3.54 | 3.94 | 2.34 | 3.04 |
| Oklahoma | 3.50 | 2.35 | 3.39 | 3.35 | 4.13 | 3.13 | 2.34 | 2.88 |
| Oregon | — | 1.45 | 2.21 | — | — | — | 1.31 | 1.53 |
| Pennsylvania | 4.40 | 2.48 | 3.54 | 3.61 | [R]5.41 | [R]4.57 | 2.04 | 2.63 |
| Rhode Island | 2.39 | — | 2.45 | 2.37 | 2.45 | 2.38 | 1.90 | 2.06 |
| South Carolina | 4.50 | 1.46 | 3.65 | 4.72 | 4.35 | 4.23 | 1.64 | 3.70 |
| South Dakota | — | — | — | — | — | — | 1.58 | 2.39 |
| Tennessee | — | — | 1.20 | — | — | — | — | — |
| Texas | 2.47 | 1.93 | 2.59 | 2.35 | [R]2.60 | [R]2.48 | 1.93 | 2.42 |
| Utah | 20.25 | 2.66 | 2.81 | — | 20.25 | — | — | — |
| Vermont | 3.06 | 1.85 | 3.79 | — | — | 3.06 | 1.95 | 1.96 |
| Virginia | 2.37 | 2.71 | 3.60 | 3.09 | 1.99 | 2.41 | 2.67 | 3.32 |
| Washington | 5.17 | 4.63 | 4.08 | 5.51 | 4.90 | 4.98 | 4.60 | 4.21 |
| West Virginia | 3.93 | 3.57 | 4.55 | 2.70 | 2.75 | 5.00 | 3.58 | 3.09 |
| Wisconsin | 3.22 | 2.31 | 3.46 | 4.19 | 2.88 | [R]2.64 | 2.23 | 2.65 |
| Wyoming | — | 8.40 | 3.61 | — | — | — | 8.32 | 16.25 |
| **Total** | 2.87 | 2.01 | 2.71 | 2.70 | [R]3.06 | [R]2.88 | [R]2.02 | [R]2.58 |

See footnotes at end of table.

# Table 23. Average Price of Natural Gas Delivered to Electric Utility[a] Consumers, by State, 1995-1996

(Dollars per Thousand Cubic Feet) — Continued

| State | 1995 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April |
| Alabama | 2.19 | 2.02 | 1.94 | 1.75 | 1.86 | 2.07 | 2.05 | 1.95 |
| Alaska | [R]1.30 | [R]1.28 | [R]1.29 | [R]1.13 | [R]1.22 | [R]1.33 | [R]1.43 | [R]1.28 |
| Arizona | 1.94 | 1.84 | 1.92 | 1.59 | 1.63 | 2.31 | 2.48 | 1.56 |
| Arkansas | 1.80 | 1.83 | 1.68 | 1.63 | 1.62 | 2.01 | 1.88 | 1.63 |
| California | 2.32 | 2.37 | 2.08 | 2.02 | 2.18 | 2.56 | 2.45 | 2.28 |
| Colorado | 1.73 | 1.82 | 1.90 | 1.72 | 1.48 | 1.91 | 1.79 | 1.68 |
| Connecticut | 2.10 | 1.85 | 1.80 | 1.82 | 1.95 | 2.11 | 2.10 | 2.07 |
| Delaware | 2.64 | 2.13 | 2.06 | 2.00 | 2.00 | 2.40 | 2.42 | 2.18 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 2.43 | 2.29 | 2.22 | 2.11 | 2.20 | 2.39 | 2.36 | 2.16 |
| Georgia | 3.67 | 3.14 | 3.06 | 2.76 | 2.62 | 2.78 | 2.92 | 2.99 |
| Hawaii | — | — | — | — | — | — | — | — |
| Idaho | — | — | — | — | — | — | — | — |
| Illinois | 2.04 | 1.78 | 1.68 | 1.59 | 1.53 | 1.64 | 1.71 | 1.64 |
| Indiana | 2.72 | 2.78 | 2.49 | 2.31 | 2.36 | 2.38 | 2.33 | 2.88 |
| Iowa | 3.02 | 2.73 | 2.71 | 2.52 | 2.38 | 2.61 | 3.31 | 2.73 |
| Kansas | 1.58 | 1.50 | 1.57 | 1.49 | 1.43 | 1.70 | 1.85 | 1.64 |
| Kentucky | 2.57 | 2.87 | 2.50 | 2.42 | 2.54 | 2.90 | 4.08 | 3.89 |
| Louisiana | 2.08 | 1.93 | 1.85 | 1.67 | 1.78 | 1.95 | 1.91 | 1.78 |
| Maine | — | — | — | — | — | — | — | — |
| Maryland | 2.80 | 2.51 | 2.03 | 2.10 | 2.16 | 2.38 | 2.64 | 2.64 |
| Massachusetts | 2.59 | 2.02 | 1.93 | 1.81 | 1.88 | 1.97 | 2.09 | 2.07 |
| Michigan | 0.71 | 0.43 | 0.77 | 1.09 | 0.79 | 0.48 | 0.48 | 0.55 |
| Minnesota | 2.19 | 1.60 | 1.67 | 1.69 | 1.65 | 1.72 | 1.78 | 1.62 |
| Mississippi | [R]1.96 | 1.90 | 1.73 | 1.60 | 1.64 | 1.85 | 1.84 | 1.74 |
| Missouri | 2.10 | 1.88 | 1.91 | 1.71 | [R]1.64 | 1.62 | 1.62 | 1.56 |
| Montana | 1.40 | 7.42 | 2.07 | 1.55 | 7.37 | 2.30 | 4.66 | 25.80 |
| Nebraska | 1.67 | 1.50 | 1.51 | 1.54 | 1.50 | 1.96 | 1.94 | 1.60 |
| Nevada | 1.80 | 1.82 | 1.75 | 1.53 | 1.56 | 1.77 | 1.80 | 1.85 |
| New Hampshire | — | 1.93 | 1.81 | 1.71 | 1.79 | 1.98 | 1.98 | 1.98 |
| New Jersey | 2.63 | 2.26 | 2.12 | 2.09 | 2.03 | 2.54 | 2.44 | 1.90 |
| New Mexico | 1.74 | [R]1.65 | 1.64 | 1.44 | [R]1.41 | 1.53 | 1.57 | 1.50 |
| New York | 2.58 | 2.03 | 1.93 | 1.89 | 1.94 | 2.12 | 2.20 | 2.14 |
| North Carolina | 3.04 | 2.07 | 2.00 | 2.45 | 2.43 | 2.16 | 2.17 | 2.50 |
| North Dakota | 3.59 | — | 4.07 | — | 3.95 | 3.89 | — | 3.77 |
| Ohio | 2.28 | 2.66 | 2.16 | 2.38 | 2.09 | 2.13 | 2.18 | 2.47 |
| Oklahoma | 2.78 | 2.95 | 2.16 | 2.07 | 2.09 | 2.42 | 2.46 | 2.28 |
| Oregon | 1.73 | 1.42 | 1.01 | 0.94 | 0.93 | — | 1.13 | 1.25 |
| Pennsylvania | 2.72 | 1.90 | 1.80 | 1.77 | 1.99 | 2.05 | 2.29 | 1.86 |
| Rhode Island | 1.70 | 1.76 | 2.05 | 2.00 | — | 1.93 | — | — |
| South Carolina | 3.55 | 1.55 | 1.59 | 1.56 | 1.90 | 1.96 | 2.50 | 2.73 |
| South Dakota | 2.02 | — | 1.64 | 1.37 | 1.43 | 2.13 | — | — |
| Tennessee | — | — | — | — | — | — | — | — |
| Texas | 2.09 | 1.96 | 1.89 | 1.79 | 1.85 | 1.93 | 1.92 | 1.86 |
| Utah | 2.40 | 1.80 | 1.52 | 1.43 | 3.65 | 6.27 | 2.69 | 2.70 |
| Vermont | 1.85 | 2.13 | 2.31 | 2.29 | 2.33 | 2.31 | 2.31 | 2.23 |
| Virginia | 2.44 | 2.58 | 2.36 | 2.24 | 3.12 | 7.84 | 2.41 | 2.60 |
| Washington | 3.99 | 5.97 | 3.54 | 4.37 | 4.37 | 3.87 | 5.83 | 29.07 |
| West Virginia | 4.92 | 2.57 | 3.30 | 1.86 | 3.68 | 3.89 | 4.08 | 4.09 |
| Wisconsin | 2.51 | 2.30 | 2.37 | 2.06 | 1.89 | 2.17 | 2.25 | 2.22 |
| Wyoming | 12.28 | 4.15 | 4.56 | 14.93 | 3.25 | 15.69 | 11.58 | 10.51 |
| **Total** | [R]2.22 | [R]2.09 | 1.95 | [R]1.84 | [R]1.90 | [R]2.06 | 2.06 | [R]1.97 |

See footnotes at end of table.

# Table 23. Average Price of Natural Gas Delivered to Electric Utility[a] Consumers, by State, 1995-1996

(Dollars per Thousand Cubic Feet) — Continued

| State | 1995 | | | 1994 | | | | |
|---|---|---|---|---|---|---|---|---|
| | March | February | January | Total | December | November | October | September |
| Alabama | 1.84 | 1.97 | 2.19 | 2.37 | 2.23 | 2.16 | 2.10 | 1.94 |
| Alaska | [R]1.39 | [R]1.29 | [R]1.32 | 0.72 | 0.70 | 0.70 | 0.71 | 0.72 |
| Arizona | 1.71 | 1.68 | 1.67 | 2.23 | 2.19 | 2.07 | 1.81 | 2.07 |
| Arkansas | 1.41 | 1.41 | 1.52 | 1.87 | 1.60 | 1.56 | 1.43 | 1.59 |
| California | 2.36 | 2.37 | 2.43 | 2.56 | 2.30 | 2.44 | 2.38 | 2.40 |
| Colorado | 1.61 | 1.60 | 1.76 | 2.21 | 2.10 | 1.92 | 1.83 | 1.96 |
| Connecticut | 1.99 | 2.04 | 2.31 | 1.99 | 2.22 | 2.03 | 1.64 | 1.71 |
| Delaware | 2.19 | 2.52 | 2.55 | 2.43 | 2.49 | 2.25 | 1.75 | 1.93 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 1.96 | 2.00 | 1.94 | 2.18 | 2.35 | 2.01 | 1.82 | 1.77 |
| Georgia | 3.00 | 3.80 | 7.97 | 3.29 | 4.24 | 5.18 | 2.83 | 2.96 |
| Hawaii | — | — | — | — | — | — | — | — |
| Idaho | — | — | — | — | — | — | — | — |
| Illinois | 1.51 | 1.55 | 1.64 | 2.04 | 1.83 | 1.72 | 1.59 | 1.63 |
| Indiana | 2.31 | 2.48 | 2.52 | 2.72 | 2.48 | 2.29 | 2.05 | 2.03 |
| Iowa | 3.01 | 3.04 | 2.89 | 3.18 | 2.95 | 2.86 | 2.75 | 3.03 |
| Kansas | 1.51 | 1.62 | 1.82 | 1.89 | 2.00 | 1.80 | 1.40 | 1.71 |
| Kentucky | 2.95 | 2.37 | 2.63 | 2.93 | 2.87 | 2.91 | 2.45 | 2.39 |
| Louisiana | 1.69 | 1.76 | 1.88 | 2.17 | 1.96 | 1.88 | 1.72 | 1.73 |
| Maine | — | — | — | — | — | — | — | — |
| Maryland | 2.54 | 2.35 | 2.76 | 2.57 | 2.69 | 2.36 | 2.38 | 2.21 |
| Massachusetts | 2.00 | 2.27 | 2.74 | 2.32 | 2.15 | 2.24 | 1.95 | 2.02 |
| Michigan | 0.86 | 0.99 | 0.64 | 0.97 | 0.45 | 0.50 | 1.13 | 0.85 |
| Minnesota | 1.74 | 1.97 | 2.10 | 2.14 | 2.08 | 2.22 | 1.88 | 2.03 |
| Mississippi | 1.59 | 1.60 | 1.78 | 1.98 | 1.87 | 1.72 | 1.58 | 1.75 |
| Missouri | 1.43 | 1.48 | 1.85 | 1.90 | 2.12 | 2.13 | 1.40 | 1.54 |
| Montana | 12.45 | 37.93 | 6.70 | 1.21 | 3.25 | 0.65 | 2.40 | 0.35 |
| Nebraska | 1.90 | 1.90 | 2.09 | 2.02 | 1.93 | 1.86 | 1.51 | 2.03 |
| Nevada | 1.51 | 1.57 | 1.89 | 1.99 | 1.92 | 1.96 | 1.54 | 1.69 |
| New Hampshire | — | — | 1.85 | 2.13 | 1.97 | 1.90 | 1.62 | 1.74 |
| New Jersey | 1.74 | 1.72 | 1.96 | 2.17 | 1.91 | 1.88 | 1.70 | 1.72 |
| New Mexico | 1.44 | 1.48 | 1.84 | 1.99 | 1.95 | 1.79 | 1.55 | 1.74 |
| New York | 2.08 | 2.20 | 2.40 | 2.30 | 2.35 | 2.19 | 1.95 | 2.00 |
| North Carolina | 2.89 | 3.42 | — | 3.38 | 3.52 | 3.52 | 2.74 | 2.47 |
| North Dakota | 3.68 | 3.68 | 3.64 | 4.11 | 3.57 | 3.64 | — | — |
| Ohio | 2.28 | 2.16 | 4.03 | 3.85 | 4.98 | 4.38 | 4.06 | 4.80 |
| Oklahoma | 2.27 | 2.34 | 2.46 | 2.76 | 2.56 | 2.55 | 2.64 | 2.43 |
| Oregon | 1.15 | 1.60 | 1.54 | 1.85 | 1.88 | 1.77 | 1.61 | 1.46 |
| Pennsylvania | 2.38 | 2.54 | 2.52 | 2.36 | 2.54 | 2.19 | 1.99 | 1.92 |
| Rhode Island | — | — | — | 2.29 | — | — | — | — |
| South Carolina | 1.43 | 3.83 | 3.42 | 1.71 | 1.51 | 1.61 | 1.53 | 2.32 |
| South Dakota | — | — | — | 2.65 | — | — | — | — |
| Tennessee | — | — | — | — | — | — | — | — |
| Texas | 1.85 | 1.92 | 2.06 | 2.20 | 2.13 | 2.02 | 1.85 | 1.93 |
| Utah | 2.63 | 2.71 | 2.66 | 2.42 | 2.59 | 2.62 | 2.20 | 2.18 |
| Vermont | 1.86 | 1.90 | 1.82 | 2.31 | 2.09 | 2.08 | 2.05 | 1.92 |
| Virginia | 2.57 | 2.70 | 2.83 | 2.66 | 2.67 | 2.24 | 1.96 | 2.10 |
| Washington | 6.51 | 4.28 | 4.49 | 4.95 | 8.64 | 4.77 | 6.41 | 4.47 |
| West Virginia | 3.52 | 3.51 | 3.63 | 4.00 | 3.90 | 3.61 | 3.99 | 3.97 |
| Wisconsin | 2.18 | 2.42 | 2.30 | 2.66 | 2.55 | 2.23 | 2.10 | 2.15 |
| Wyoming | 5.93 | 16.27 | 7.69 | 5.80 | 5.54 | 43.55 | 5.55 | 10.65 |
| **Total** | [R]1.92 | [R]2.00 | [R]2.13 | 2.28 | 2.17 | 2.10 | 1.95 | 2.00 |

[a] Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.
[R] = Revised Data.
— = Not Applicable.

Notes: Data for 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.

Sources: 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 | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | April | |
| | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial |
| Alabama | 82.4 | 17.2 | 80.0 | 19.2 | 85.7 | 28.6 | 80.5 | 16.6 |
| Alaska | 76.3 | 97.8 | 87.4 | 94.9 | 100.0 | 61.9 | 71.9 | 98.5 |
| Arizona | 88.1 | 24.4 | 90.2 | 29.4 | 92.4 | 24.6 | 84.5 | 22.7 |
| Arkansas | 96.3 | 16.1 | 97.5 | 15.1 | 95.0 | 14.5 | 96.3 | 17.9 |
| California | 59.6 | 12.0 | 60.2 | 15.7 | 48.0 | 21.8 | 63.7 | 12.4 |
| Colorado | NA | NA | 95.1 | 22.6 | 95.7 | 30.5 | NA | NA |
| Connecticut | 92.6 | 94.4 | 85.8 | 86.4 | 89.3 | 97.2 | 89.9 | 94.5 |
| Delaware | 100.0 | 51.0 | 100.0 | 67.2 | 100.0 | 65.0 | 100.0 | 28.5 |
| District of Columbia | 84.0 | — | 82.4 | — | 99.6 | — | 87.8 | — |
| Florida | 97.7 | 12.6 | 97.2 | 12.0 | 97.7 | 17.2 | 97.7 | 11.0 |
| Georgia | 97.6 | 27.5 | 94.5 | 33.3 | 94.5 | 40.7 | 94.4 | 27.9 |
| Hawaii | 100.0 | — | 100.0 | — | 100.0 | — | 100.0 | — |
| Idaho | 88.8 | 1.3 | 78.0 | 2.5 | 87.7 | 2.6 | 87.2 | 1.3 |
| Illinois | 58.0 | 15.3 | 52.4 | 12.3 | 57.9 | 17.2 | 53.4 | 12.4 |
| Indiana | NA | NA | 88.8 | 19.3 | 94.7 | 18.7 | NA | NA |
| Iowa | 90.0 | 8.7 | 84.8 | 9.8 | 92.7 | 12.7 | 89.4 | 7.3 |
| Kansas | NA | 13.7 | 74.5 | 14.8 | 82.1 | 4.0 | 63.7 | 13.2 |
| Kentucky | 91.3 | 31.0 | 89.5 | 22.6 | 94.3 | 38.8 | 88.8 | 27.9 |
| Louisiana | 98.4 | 14.2 | 98.0 | 31.6 | 97.9 | 23.5 | 98.9 | 10.0 |
| Maine | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Maryland | 93.8 | 15.3 | 97.9 | 19.5 | 97.9 | 29.8 | 90.9 | 17.5 |
| Massachusetts | 82.6 | 30.3 | 88.9 | 31.3 | 74.5 | 26.2 | 80.0 | 43.3 |
| Michigan | 70.6 | 9.6 | 69.7 | 10.0 | 71.2 | 15.8 | 66.8 | 11.1 |
| Minnesota | 96.3 | 38.3 | 94.0 | 28.6 | 97.3 | 57.1 | 97.0 | 49.3 |
| Mississippi | NA | NA | 92.6 | 41.2 | 97.3 | 40.9 | NA | NA |
| Missouri | 87.1 | 27.3 | 85.7 | 26.2 | 87.5 | 27.5 | 84.6 | 25.8 |
| Montana | 92.4 | 4.7 | 92.5 | 4.5 | 92.6 | 5.1 | 92.4 | 4.0 |
| Nebraska | NA | 27.8 | 77.8 | 22.5 | 87.0 | 27.8 | NA | 24.3 |
| Nevada | 79.4 | 2.1 | 81.1 | 2.4 | 88.4 | 2.3 | 77.3 | 8.5 |
| New Hampshire | 99.2 | 64.3 | 99.6 | 65.4 | 100.0 | 100.0 | 99.1 | 68.1 |
| New Jersey | 77.6 | 50.7 | 90.8 | 54.6 | 94.8 | 66.7 | 72.2 | 34.8 |
| New Mexico | 63.1 | 1.3 | 55.9 | 0.7 | 65.9 | 6.2 | 57.1 | 0.9 |
| New York | NA | NA | NA | 15.0 | 82.4 | 22.2 | NA | 25.7 |
| North Carolina | 99.8 | 81.8 | 92.1 | 47.1 | 99.4 | 75.6 | 99.7 | 76.9 |
| North Dakota | 90.0 | 26.3 | 84.4 | 22.3 | 83.9 | 33.5 | 84.6 | 27.0 |
| Ohio | 75.8 | 7.7 | 79.3 | 7.3 | 85.3 | 13.5 | 72.2 | 5.9 |
| Oklahoma | 92.2 | 9.2 | 90.5 | 21.7 | 92.1 | 26.1 | 93.0 | 8.8 |
| Oregon | 96.7 | 21.0 | 98.4 | 28.9 | 98.3 | 35.5 | 98.1 | 23.7 |
| Pennsylvania | 76.0 | 20.3 | 73.9 | 18.5 | 78.2 | 25.1 | 72.2 | 18.6 |
| Rhode Island | 98.7 | 11.4 | 100.0 | 10.2 | 100.0 | 7.9 | 97.8 | 59.4 |
| South Carolina | 100.0 | 83.5 | 96.4 | 78.5 | 100.0 | 66.8 | 100.0 | 86.4 |
| South Dakota | 87.2 | 49.5 | 90.3 | 36.8 | 91.9 | 44.1 | 85.0 | 25.0 |
| Tennessee | NA | NA | 93.5 | 33.4 | 97.0 | 49.6 | NA | NA |
| Texas | 69.5 | NA | 70.4 | 25.5 | 82.7 | 29.9 | 64.4 | 16.7 |
| Utah | 84.0 | 9.8 | 84.4 | 12.2 | 83.9 | 9.1 | 82.3 | 10.2 |
| Vermont | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Virginia | 92.9 | 12.0 | 86.2 | 14.7 | 93.0 | 35.5 | 83.7 | 14.6 |
| Washington | 88.0 | 30.4 | 93.8 | 39.0 | 97.6 | 45.9 | 84.4 | 26.0 |
| West Virginia | 64.9 | 20.3 | 53.9 | 12.6 | 64.1 | 14.4 | 51.4 | 12.8 |
| Wisconsin | 95.3 | 40.7 | 94.6 | 52.6 | 97.2 | 53.4 | 93.4 | 35.6 |
| Wyoming | NA | NA | 93.7 | 0.8 | 97.0 | 2.1 | NA | NA |
| **Total** | 73.4 | 19.6 | 75.0 | 23.1 | 82.8 | 27.9 | 71.7 | 18.5 |

See footnotes at end of table.

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

| State | 1996 | | | | | | 1995 | |
|---|---|---|---|---|---|---|---|---|
| | March | | February | | January | | Total | |
| | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial |
| Alabama | 80.8 | 17.3 | 85.6 | 18.5 | 81.5 | 16.5 | 60.3 | 14.8 |
| Alaska | 76.3 | 97.7 | 81.0 | 98.4 | 73.7 | 96.3 | 79.9 | 94.4 |
| Arizona | 87.2 | 24.0 | 90.1 | 26.9 | 89.5 | 24.4 | 85.8 | 27.0 |
| Arkansas | 95.6 | 15.0 | 96.9 | 16.5 | 96.4 | 15.6 | 84.9 | 13.1 |
| California | 63.3 | 12.5 | 58.8 | 15.3 | 52.5 | 12.0 | 51.4 | 12.4 |
| Colorado | 94.8 | 16.8 | 96.2 | 17.6 | 95.3 | 25.1 | 87.1 | 18.6 |
| Connecticut | 93.1 | 96.6 | 93.2 | 98.2 | 93.4 | 95.1 | 80.4 | 78.5 |
| Delaware | 100.0 | 56.9 | 100.0 | 57.6 | 100.0 | 58.3 | 100.0 | 79.0 |
| District of Columbia | 84.6 | — | 83.8 | — | 80.5 | — | 76.8 | — |
| Florida | 96.9 | 10.9 | 97.1 | 11.7 | 98.8 | 17.4 | 76.8 | 10.3 |
| Georgia | 96.6 | 29.6 | 97.9 | 33.0 | 99.4 | 18.6 | 84.8 | 27.3 |
| Hawaii | 100.0 | — | 100.0 | — | 100.0 | — | 100.0 | — |
| Idaho | 88.2 | 1.4 | 90.1 | 1.3 | 88.8 | 1.1 | 80.9 | 2.2 |
| Illinois | 59.3 | 16.5 | 59.3 | 16.3 | 58.1 | 15.5 | 48.8 | 9.8 |
| Indiana | 95.8 | 24.1 | 96.8 | 25.6 | 95.7 | 26.6 | 80.4 | 14.5 |
| Iowa | 88.2 | 8.1 | 91.6 | 8.1 | 90.2 | 10.9 | 86.4 | 8.1 |
| Kansas | NA | 14.9 | 78.9 | 14.3 | NA | 12.5 | 55.3 | 16.9 |
| Kentucky | 91.2 | 32.3 | 94.3 | 32.4 | 90.1 | 31.2 | 80.1 | 21.9 |
| Louisiana | 97.6 | 9.5 | 97.6 | 9.1 | 99.7 | 30.3 | 89.0 | 29.1 |
| Maine | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Maryland | 91.1 | 4.9 | 96.9 | 18.8 | 94.7 | 20.3 | 96.8 | 12.7 |
| Massachusetts | 82.2 | 35.2 | 83.2 | 49.6 | 84.3 | 41.5 | 80.5 | 30.1 |
| Michigan | 71.6 | 11.7 | 70.5 | 13.7 | 72.2 | 13.7 | 63.0 | 6.6 |
| Minnesota | 96.8 | 35.7 | 95.8 | 27.5 | 96.0 | 38.9 | 80.1 | 31.0 |
| Mississippi | 96.6 | 38.1 | 97.8 | 38.7 | 97.9 | 47.8 | 82.1 | 35.4 |
| Missouri | 85.4 | 24.2 | 89.8 | 33.0 | 87.3 | 26.1 | 75.0 | 20.5 |
| Montana | 91.6 | 4.8 | 93.5 | 5.5 | 92.0 | 4.4 | 91.5 | 3.2 |
| Nebraska | NA | 25.9 | NA | 29.5 | NA | 31.2 | NA | 18.6 |
| Nevada | 78.9 | 8.7 | 81.1 | 10.0 | 79.7 | 10.0 | 77.1 | 1.8 |
| New Hampshire | 99.2 | 63.6 | 99.3 | 61.1 | 99.3 | 64.0 | 99.2 | 64.8 |
| New Jersey | 77.3 | 41.2 | 79.1 | 35.1 | 79.9 | 36.8 | 85.1 | 52.5 |
| New Mexico | 60.3 | 0.4 | 60.8 | 0.9 | 70.5 | 2.8 | 46.6 | 1.6 |
| New York | NA | NA | NA | 18.4 | NA | 34.7 | 60.7 | 7.8 |
| North Carolina | 99.9 | 88.4 | 99.8 | 66.9 | 99.9 | 93.5 | 83.4 | 40.7 |
| North Dakota | 90.5 | 21.9 | 92.9 | 25.0 | 90.4 | 31.7 | 82.6 | NA |
| Ohio | 76.0 | 7.2 | 76.0 | 9.8 | 77.3 | 8.3 | 71.6 | 4.8 |
| Oklahoma | 91.4 | 9.0 | 93.2 | 11.1 | 91.5 | 8.2 | 82.1 | 15.1 |
| Oregon | 98.6 | 25.5 | 98.8 | 26.6 | 92.0 | 10.4 | 94.5 | 25.1 |
| Pennsylvania | 76.5 | 25.5 | 77.2 | 24.5 | 76.4 | 15.6 | 67.2 | 14.6 |
| Rhode Island | 98.5 | 90.7 | 99.3 | 84.1 | 98.8 | 32.5 | 99.8 | 11.1 |
| South Carolina | 100.0 | 83.6 | 100.0 | 81.3 | 100.0 | 81.4 | 78.6 | 61.6 |
| South Dakota | 84.7 | 71.4 | 87.9 | 32.6 | 89.8 | 31.0 | 88.3 | 27.1 |
| Tennessee | 91.7 | 45.4 | 96.8 | 38.1 | 96.7 | 38.9 | 73.7 | 28.8 |
| Texas | 63.2 | 17.8 | 78.0 | NA | 73.0 | 19.9 | 62.3 | 22.5 |
| Utah | 82.8 | 9.4 | 85.6 | 10.0 | 84.0 | 9.4 | 81.8 | 11.2 |
| Vermont | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | NA | 100.0 |
| Virginia | 90.8 | 12.5 | 96.5 | 10.6 | 96.9 | 13.0 | 71.3 | 11.1 |
| Washington | 87.6 | 31.3 | 89.8 | 31.0 | 88.9 | 33.0 | 90.8 | NA |
| West Virginia | 60.7 | 14.7 | 62.3 | 16.6 | 74.7 | 33.7 | 47.3 | 12.5 |
| Wisconsin | 95.6 | 42.8 | 96.1 | 42.8 | 95.4 | 40.9 | 76.6 | 43.0 |
| Wyoming | NA | NA | NA | NA | NA | NA | NA | NA |
| **Total** | 74.6 | 19.3 | 74.8 | 20.2 | 72.2 | 20.4 | 70.3 | 21.3 |

See footnotes at end of table.

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

| State | 1995 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | December | | November | | October | | September | |
| | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial |
| Alabama | 76.2 | 18.4 | 66.7 | 15.2 | 65.8 | 16.2 | 67.1 | 16.1 |
| Alaska | 77.9 | 96.1 | 72.9 | 96.6 | 69.2 | 95.6 | 72.1 | 87.8 |
| Arizona | 86.6 | 27.5 | 87.3 | 23.4 | 87.6 | 21.1 | 86.4 | 21.4 |
| Arkansas | 100.0 | 9.4 | 93.9 | 15.0 | 93.2 | 14.8 | 93.6 | 13.2 |
| California | 50.7 | 10.9 | 47.7 | 10.7 | 41.7 | 10.9 | 40.7 | 9.7 |
| Colorado | 93.5 | 23.7 | 93.1 | 28.6 | 89.6 | 28.4 | 88.7 | 23.4 |
| Connecticut | 87.5 | 100.0 | 87.7 | 99.6 | 99.7 | 95.5 | 100.0 | 75.5 |
| Delaware | 100.0 | 57.2 | 100.0 | 65.4 | 100.0 | 69.1 | 100.0 | 67.7 |
| District of Columbia | 77.5 | — | 74.6 | — | 64.8 | — | 61.6 | — |
| Florida | 96.5 | 12.2 | 97.2 | 12.5 | 97.6 | 10.4 | 98.0 | 9.8 |
| Georgia | 96.9 | 35.8 | 94.2 | 30.6 | 90.2 | 26.9 | 86.8 | 27.5 |
| Hawaii | 100.0 | — | 100.0 | — | 100.0 | — | 100.0 | — |
| Idaho | 85.5 | 1.1 | 85.9 | 1.3 | 77.2 | 0.6 | 80.4 | 2.8 |
| Illinois | 52.6 | 13.2 | 51.2 | 12.1 | 46.4 | 7.7 | 40.2 | 5.7 |
| Indiana | 93.0 | 19.3 | 90.2 | 17.9 | 80.1 | 12.1 | 76.0 | 9.4 |
| Iowa | 91.0 | 10.0 | 89.3 | 12.1 | 86.6 | 10.2 | 80.3 | 6.3 |
| Kansas | 64.1 | 19.8 | 86.7 | 20.5 | 59.7 | 21.1 | 31.9 | 25.3 |
| Kentucky | 91.6 | 29.5 | 90.3 | 26.5 | 84.6 | 24.5 | 80.4 | 27.5 |
| Louisiana | 96.9 | 31.3 | 97.2 | 32.2 | 98.5 | 28.8 | 98.2 | 28.9 |
| Maine | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Maryland | 97.0 | 3.6 | 95.6 | 9.3 | 94.7 | 8.0 | 95.5 | 9.1 |
| Massachusetts | 79.2 | 37.6 | 80.6 | 43.8 | 80.0 | 43.2 | 76.4 | 38.3 |
| Michigan | 71.1 | 13.2 | 66.5 | 9.7 | 55.4 | 5.8 | 44.9 | 6.2 |
| Minnesota | 94.6 | 35.9 | 89.1 | 31.7 | 93.5 | 32.5 | 41.4 | 63.5 |
| Mississippi | 91.6 | 38.6 | 90.2 | 40.1 | 87.0 | 27.3 | 89.6 | 27.7 |
| Missouri | 82.6 | 16.9 | 76.5 | 20.3 | 69.5 | 17.2 | 68.0 | 19.7 |
| Montana | 91.9 | 4.6 | 91.8 | 3.5 | 88.8 | 2.6 | 88.2 | 2.2 |
| Nebraska | NA | 29.1 | NA | 19.7 | NA | 22.3 | NA | 15.6 |
| Nevada | 76.0 | 8.3 | 71.6 | 7.7 | 68.7 | 6.3 | 72.1 | 6.7 |
| New Hampshire | 99.1 | 65.0 | 98.9 | 70.2 | 98.6 | 68.2 | 98.3 | 66.6 |
| New Jersey | 80.5 | 37.0 | 82.0 | 33.5 | 70.3 | 37.7 | 82.5 | 33.1 |
| New Mexico | 61.7 | 4.3 | 58.6 | 4.4 | 50.8 | 3.3 | 47.4 | 1.9 |
| New York | 78.9 | 17.5 | 78.1 | 15.6 | 68.6 | NA | 66.8 | 11.2 |
| North Carolina | 99.9 | 92.4 | 93.4 | 47.6 | 87.8 | 37.8 | 87.0 | 27.8 |
| North Dakota | 86.3 | 26.0 | 90.0 | 66.7 | 64.0 | NA | 70.7 | 11.4 |
| Ohio | 77.1 | 4.5 | 77.7 | 5.2 | 69.7 | 3.7 | 58.1 | 3.1 |
| Oklahoma | 92.7 | 9.3 | 86.0 | 7.6 | 77.2 | 7.0 | 81.5 | 12.8 |
| Oregon | 98.4 | 25.2 | 98.0 | 19.2 | 54.9 | 28.2 | 98.1 | 24.1 |
| Pennsylvania | 71.5 | 22.0 | 48.9 | 12.9 | 67.5 | 13.0 | 62.5 | 12.3 |
| Rhode Island | 98.6 | 36.1 | 100.0 | 51.4 | 100.0 | 59.3 | 100.0 | 49.2 |
| South Carolina | 100.0 | 90.1 | 95.1 | 78.6 | 94.3 | 79.9 | 94.3 | 82.7 |
| South Dakota | 88.5 | 31.4 | 85.8 | 35.0 | 82.4 | 21.4 | 75.9 | 20.0 |
| Tennessee | 94.5 | 47.0 | 95.8 | 49.7 | 87.0 | 33.9 | 85.5 | 27.4 |
| Texas | 74.6 | 21.5 | 72.7 | 23.9 | 55.3 | 22.0 | 71.5 | 24.1 |
| Utah | 82.8 | 9.1 | 80.3 | 10.6 | 79.4 | 11.3 | 75.3 | 11.1 |
| Vermont | 100.0 | 100.0 | 100.0 | 100.0 | NA | 100.0 | 100.0 | 100.0 |
| Virginia | 90.5 | 13.9 | 83.1 | 15.4 | 70.7 | 7.8 | 70.7 | 11.1 |
| Washington | 89.5 | 29.1 | 88.6 | 28.4 | 87.7 | NA | 72.6 | NA |
| West Virginia | 58.7 | 14.5 | 92.0 | 14.2 | 40.0 | 12.6 | 36.9 | 11.6 |
| Wisconsin | 94.9 | 44.7 | 94.8 | 44.8 | 91.1 | 45.5 | 86.9 | 47.0 |
| Wyoming | NA | 0.6 | NA | NA | NA | NA | NA | NA |
| **Total** | 70.6 | 20.6 | 70.7 | 21.4 | 64.0 | 19.5 | 59.1 | 19.3 |

See footnotes at end of table.

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

| State | 1995 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | August | | July | | June | | May | |
| | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial |
| Alabama | 68.3 | 14.9 | 69.4 | 13.7 | 70.1 | 15.1 | 72.1 | 15.4 |
| Alaska | 71.2 | 85.2 | 72.0 | 91.3 | 76.4 | 91.6 | 81.9 | 98.4 |
| Arizona | 84.7 | 21.7 | 84.3 | 27.2 | 87.8 | 35.1 | 87.6 | 27.0 |
| Arkansas | 94.5 | 12.4 | 92.9 | 12.1 | 94.3 | 13.1 | 94.4 | 13.2 |
| California | 43.2 | 11.8 | 43.4 | 13.2 | 52.8 | 15.0 | 50.0 | 15.0 |
| Colorado | 89.2 | 19.2 | 91.8 | 19.5 | 95.3 | 15.0 | 94.8 | 19.5 |
| Connecticut | 63.7 | 75.6 | 61.8 | 80.9 | 66.1 | 83.3 | 75.4 | 90.0 |
| Delaware | 100.0 | 65.2 | 100.0 | 62.4 | 100.0 | 67.9 | 100.0 | 79.0 |
| District of Columbia | 66.2 | — | 68.1 | — | 69.6 | — | 73.3 | — |
| Florida | 97.7 | 9.4 | 98.0 | 9.0 | 98.0 | 10.3 | 97.8 | 11.3 |
| Georgia | 87.4 | 31.6 | 86.3 | 35.7 | 87.4 | 30.5 | 88.8 | 29.2 |
| Hawaii | 100.0 | — | 100.0 | — | 100.0 | — | 100.0 | — |
| Idaho | 82.5 | 2.5 | 83.7 | 3.0 | 85.3 | 3.2 | 86.0 | 2.5 |
| Illinois | 38.9 | 4.2 | 39.5 | 5.4 | 43.5 | 8.0 | 40.4 | 8.4 |
| Indiana | 71.5 | 9.7 | 72.5 | 8.0 | 75.1 | 8.8 | 82.6 | 10.1 |
| Iowa | 77.2 | 5.8 | 79.6 | 6.0 | 81.5 | 5.6 | 85.8 | 5.0 |
| Kansas | 39.4 | 14.8 | 61.7 | 17.8 | 61.5 | 20.4 | 58.9 | 15.2 |
| Kentucky | 80.2 | 21.1 | 75.0 | 19.0 | 79.2 | 23.3 | 86.4 | 21.8 |
| Louisiana | 98.3 | 26.5 | 97.9 | 26.7 | 97.9 | 31.3 | 98.1 | 30.0 |
| Maine | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Maryland | 94.9 | 8.3 | 94.4 | 9.9 | 96.2 | 10.6 | 95.9 | 13.9 |
| Massachusetts | 76.3 | 42.0 | 73.5 | 38.5 | 81.8 | 59.4 | 87.4 | 46.1 |
| Michigan | 37.7 | 4.9 | 39.9 | 4.7 | 43.7 | 4.9 | 59.5 | 6.5 |
| Minnesota | 29.0 | 58.9 | 91.0 | 27.3 | 92.7 | 34.3 | 95.3 | 34.6 |
| Mississippi | 94.6 | 36.7 | 92.8 | 35.5 | 88.2 | 36.7 | 92.2 | 41.9 |
| Missouri | 67.9 | 18.1 | 69.6 | 20.4 | 73.1 | 20.0 | 79.4 | 21.0 |
| Montana | 88.9 | 1.4 | 89.6 | 1.7 | 90.2 | 1.5 | 92.0 | 2.5 |
| Nebraska | 68.6 | 14.8 | 70.4 | 11.8 | 65.2 | 16.0 | 67.0 | 15.3 |
| Nevada | 70.8 | 6.9 | 73.6 | 7.5 | 77.2 | 7.2 | 77.8 | 7.2 |
| New Hampshire | 98.1 | 65.3 | 98.4 | 57.6 | 98.5 | 59.7 | 98.9 | 62.2 |
| New Jersey | 73.4 | 35.5 | 77.1 | 33.9 | 78.5 | 35.2 | 83.3 | 42.5 |
| New Mexico | 54.2 | 1.3 | 57.0 | 1.0 | 50.5 | 0.8 | 43.9 | 0.5 |
| New York | 62.8 | 10.0 | 65.2 | 10.3 | 65.2 | 10.8 | 70.7 | 12.1 |
| North Carolina | 86.7 | 25.7 | 87.7 | 27.3 | 86.0 | 41.2 | 90.3 | 42.1 |
| North Dakota | 58.7 | 9.8 | 61.4 | 7.0 | 70.5 | 13.2 | 79.9 | 14.0 |
| Ohio | 58.7 | 3.1 | 62.7 | 2.6 | 61.2 | 4.0 | 67.6 | 4.2 |
| Oklahoma | 75.8 | 7.5 | 80.1 | 17.1 | 81.5 | 16.0 | 86.6 | 19.0 |
| Oregon | 97.9 | 22.5 | 98.1 | 22.2 | 97.8 | 23.8 | 97.9 | 24.0 |
| Pennsylvania | 63.7 | 12.2 | 64.9 | 12.8 | 66.2 | 11.9 | 68.4 | 13.9 |
| Rhode Island | 100.0 | 47.6 | 100.0 | 39.8 | 100.0 | 52.4 | 100.0 | 48.1 |
| South Carolina | 94.1 | 81.0 | 94.0 | 85.5 | 92.2 | 81.9 | 94.7 | 83.1 |
| South Dakota | 75.6 | 14.4 | 76.5 | 15.0 | 77.1 | 17.3 | 82.8 | 21.8 |
| Tennessee | 84.0 | 22.8 | 36.5 | 40.4 | 90.3 | 38.3 | 86.2 | 40.9 |
| Texas | 59.7 | 25.9 | 64.4 | 23.6 | 70.2 | 24.7 | 50.5 | 21.5 |
| Utah | 71.4 | 11.4 | 74.0 | 10.8 | 79.4 | 11.0 | 80.1 | 9.3 |
| Vermont | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Virginia | 72.8 | 10.1 | 69.1 | 8.3 | 71.8 | 10.5 | 73.4 | 9.2 |
| Washington | 90.6 | 29.5 | 90.7 | 33.1 | 91.2 | 33.7 | 91.7 | 33.3 |
| West Virginia | 36.2 | 11.9 | 34.7 | 13.1 | 33.1 | 12.4 | 40.0 | 12.5 |
| Wisconsin | 88.2 | 42.5 | 87.2 | 43.0 | 88.3 | 45.1 | 92.4 | 47.8 |
| Wyoming | 99.0 | 0.8 | 89.3 | 0.8 | 91.8 | 0.8 | 90.6 | 0.7 |
| **Total** | 58.1 | 19.3 | 60.7 | 19.7 | 66.0 | 21.5 | 66.1 | 20.7 |

See footnotes at end of table.

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

| State | 1995 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | April | | March | | February | | January | |
| | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial |
| Alabama | 76.7 | 17.1 | 81.9 | 18.1 | 81.8 | 20.4 | 77.9 | 21.2 |
| Alaska | 83.8 | 97.9 | 83.2 | 98.3 | 83.9 | 98.0 | 100.0 | 97.5 |
| Arizona | 86.7 | 32.9 | 88.6 | 33.0 | 92.7 | 24.8 | 91.6 | 25.7 |
| Arkansas | 95.9 | 14.5 | 96.9 | 14.4 | 98.3 | 16.6 | 97.7 | 15.3 |
| California | 56.6 | 15.0 | 64.5 | 17.3 | 58.4 | 18.8 | 61.2 | 16.9 |
| Colorado | 94.0 | 24.1 | 94.8 | 24.8 | 95.8 | 22.0 | 95.6 | 24.3 |
| Connecticut | 81.5 | 81.1 | 85.6 | 87.7 | 88.1 | 92.8 | 86.6 | 88.8 |
| Delaware | 100.0 | 75.6 | 100.0 | 62.9 | 100.0 | 64.9 | 100.0 | 63.4 |
| District of Columbia | 76.5 | — | 82.8 | — | 86.4 | — | 81.7 | — |
| Florida | 97.8 | 11.8 | 97.3 | 12.0 | 97.2 | 11.7 | 96.5 | 12.5 |
| Georgia | 89.9 | 26.3 | 92.7 | 30.3 | 96.8 | 37.1 | 95.7 | 41.1 |
| Hawaii | 100.0 | — | 100.0 | — | 100.0 | — | 100.0 | — |
| Idaho | 85.5 | 3.0 | 54.9 | 2.3 | 89.1 | 2.7 | 89.7 | 1.8 |
| Illinois | 48.9 | 10.6 | 52.3 | 10.1 | 52.5 | 14.0 | 54.0 | 13.9 |
| Indiana | 86.5 | 13.8 | 89.0 | 13.5 | 89.4 | 16.4 | 89.2 | 29.8 |
| Iowa | 88.5 | 7.6 | 90.9 | 8.1 | 91.8 | 10.8 | 74.9 | 13.3 |
| Kansas | 65.4 | 16.7 | 80.4 | 14.8 | 69.6 | 17.5 | 79.5 | 11.8 |
| Kentucky | 85.3 | 22.4 | 89.2 | 20.0 | 90.5 | 24.0 | 90.1 | 23.6 |
| Louisiana | 98.5 | 29.4 | 98.0 | 30.8 | 98.1 | 35.1 | 97.6 | 31.3 |
| Maine | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Maryland | 96.7 | 7.2 | 97.8 | 30.0 | 98.5 | 23.6 | 97.9 | 14.5 |
| Massachusetts | 87.7 | 44.7 | 91.6 | 46.2 | 88.8 | 46.5 | 87.3 | 42.4 |
| Michigan | 66.4 | 10.8 | 69.7 | 12.7 | 70.4 | 14.1 | 71.1 | 14.2 |
| Minnesota | 96.0 | 35.3 | 94.8 | 22.5 | 93.2 | 25.7 | 93.0 | 30.7 |
| Mississippi | 92.4 | 39.2 | 93.1 | 40.9 | 93.1 | 43.5 | 92.1 | 41.7 |
| Missouri | 80.5 | 21.8 | 86.2 | 25.2 | 87.9 | 29.5 | 85.5 | 27.3 |
| Montana | 91.9 | 8.6 | 92.5 | 1.8 | 92.5 | 2.3 | 93.0 | 4.9 |
| Nebraska | 73.9 | 17.2 | 76.0 | 20.1 | 79.3 | 25.5 | 80.1 | 26.9 |
| Nevada | 79.6 | 8.6 | 78.1 | 8.0 | 83.7 | 9.8 | 82.1 | 10.5 |
| New Hampshire | 99.3 | 66.8 | 99.3 | 70.7 | 99.6 | 53.6 | 100.0 | 66.2 |
| New Jersey | 86.3 | 39.8 | 90.6 | 44.8 | 91.7 | 43.2 | 93.1 | 43.7 |
| New Mexico | 49.8 | 0.7 | 52.7 | 0.6 | 67.2 | 0.4 | 54.2 | 1.0 |
| New York | 78.5 | 13.2 | NA | 13.5 | 82.0 | 16.6 | 79.8 | 17.5 |
| North Carolina | 75.4 | 45.3 | 94.3 | 48.8 | 95.9 | 47.6 | 95.6 | 46.5 |
| North Dakota | 83.1 | 18.1 | 84.2 | 20.7 | 85.7 | 25.1 | 84.2 | 25.0 |
| Ohio | 76.6 | 5.9 | 78.5 | 6.9 | 79.9 | 8.6 | 80.9 | 8.1 |
| Oklahoma | 87.0 | 24.2 | 90.9 | 20.9 | 91.0 | 25.9 | 91.4 | 17.5 |
| Oregon | 98.2 | 28.2 | 98.2 | 29.5 | 98.4 | 29.5 | 98.5 | 28.4 |
| Pennsylvania | 71.0 | 17.1 | 74.6 | 19.4 | 74.1 | 18.2 | 74.8 | 19.1 |
| Rhode Island | 100.0 | 47.3 | 100.0 | 45.3 | 100.0 | 37.4 | 100.0 | 38.1 |
| South Carolina | 94.0 | 79.7 | 96.0 | 80.8 | 97.1 | 76.1 | 97.4 | 76.2 |
| South Dakota | 87.2 | 31.5 | 89.7 | 39.4 | 90.8 | 38.2 | 92.1 | 38.2 |
| Tennessee | 89.3 | 27.9 | 92.6 | 36.5 | 94.8 | 33.8 | 94.6 | 35.9 |
| Texas | 65.6 | 26.2 | 72.6 | 26.1 | 70.4 | 22.4 | 72.3 | 27.0 |
| Utah | 83.2 | 10.1 | 82.5 | 15.6 | 85.6 | 13.2 | 85.6 | 10.8 |
| Vermont | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Virginia | 74.9 | 11.8 | 87.1 | 14.3 | 88.6 | 16.4 | 89.4 | 16.1 |
| Washington | 92.5 | 37.8 | 94.1 | 41.2 | 93.9 | 39.2 | 94.2 | 38.0 |
| West Virginia | 48.3 | 12.3 | 53.8 | 12.5 | 57.4 | 13.0 | 53.2 | 12.5 |
| Wisconsin | 94.1 | 52.4 | 94.7 | 51.6 | 95.1 | 53.5 | 94.5 | 52.7 |
| Wyoming | 93.4 | 0.7 | 94.5 | 0.8 | 98.4 | 0.7 | 89.9 | 0.9 |
| **Total** | 71.8 | 22.2 | 75.4 | 23.0 | 76.0 | 23.3 | 75.7 | 23.8 |

NA = Not available.

— = Not applicable.

See footnotes at end of table.

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

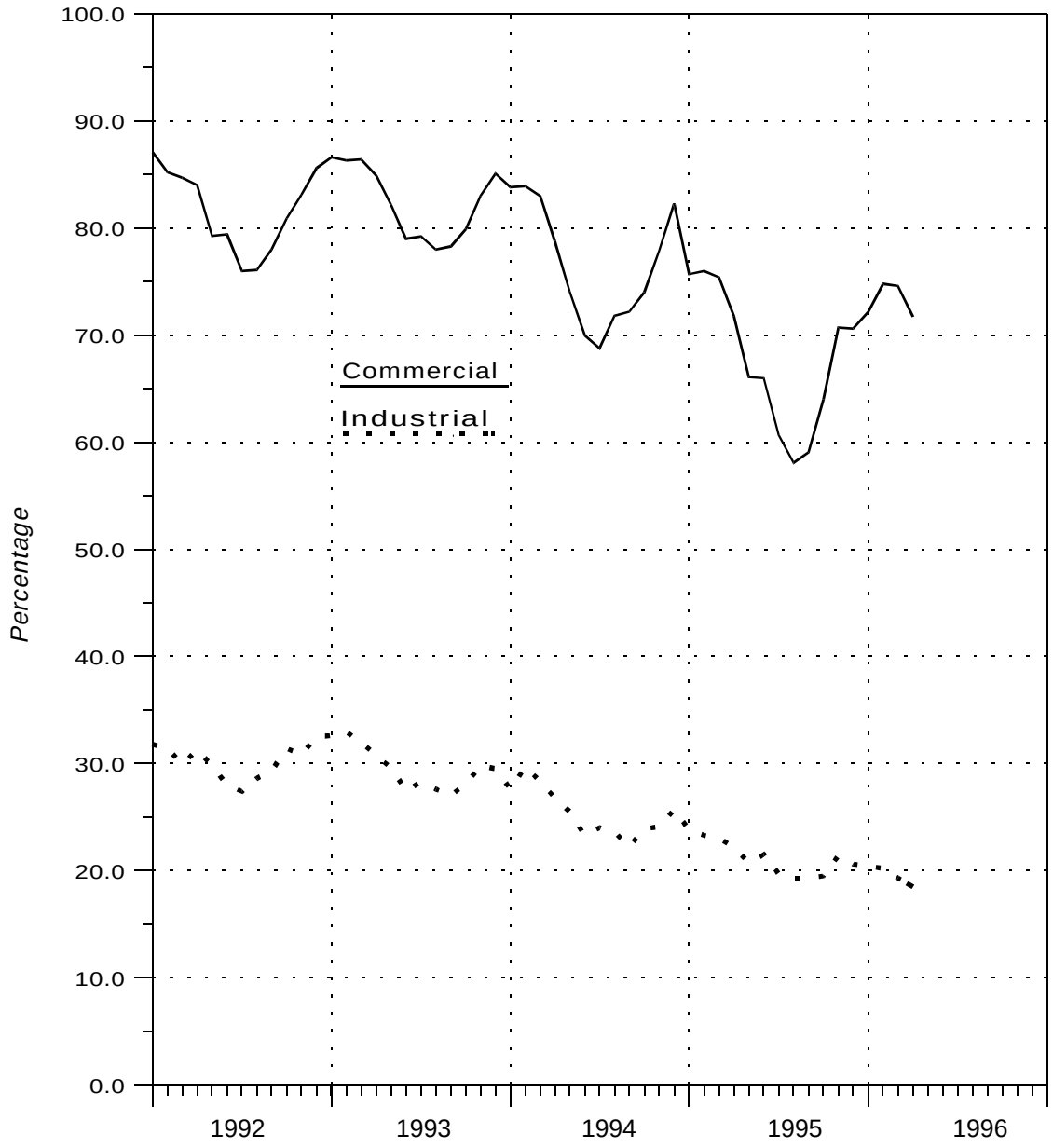
| State | 1994 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Total | | December | | November | | October | |
| | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial |
| Alabama | 80.3 | 27.3 | 76.7 | 28.1 | 73.6 | 26.4 | 70.0 | 28.2 |
| Alaska | 100.0 | 58.4 | 100.0 | 96.8 | 100.0 | 59.1 | 100.0 | 57.3 |
| Arizona | 90.7 | 30.3 | 91.4 | 29.7 | 89.9 | 34.6 | 90.4 | 35.4 |
| Arkansas | 95.1 | 14.1 | 97.4 | 13.6 | 96.4 | 15.1 | 95.3 | 14.8 |
| California | 48.8 | 19.5 | 68.3 | 16.0 | 57.8 | 13.3 | 52.2 | 18.5 |
| Colorado | 94.8 | 14.7 | 95.6 | 14.2 | 93.2 | 14.7 | 91.5 | 15.8 |
| Connecticut | 80.9 | 95.3 | 83.4 | 99.1 | 77.9 | 99.9 | 68.8 | 91.5 |
| Delaware | 100.0 | 67.3 | 100.0 | 66.8 | 100.0 | 73.3 | 100.0 | 70.2 |
| District of Columbia | 90.9 | — | 82.0 | — | 76.4 | — | 72.0 | — |
| Florida | 97.9 | 17.3 | 97.0 | 18.0 | 97.8 | 18.9 | 97.9 | 14.2 |
| Georgia | 92.0 | 37.4 | 92.6 | 38.8 | 91.6 | 39.2 | 88.6 | 34.5 |
| Hawaii | 100.0 | — | 100.0 | — | 100.0 | — | 100.0 | — |
| Idaho | 85.8 | 2.9 | 88.0 | 2.4 | 84.0 | 2.4 | 79.3 | 2.5 |
| Illinois | 52.8 | 12.4 | 52.0 | 11.1 | 49.9 | 13.8 | 47.5 | 10.5 |
| Indiana | 92.3 | 13.4 | 91.3 | 14.5 | 91.3 | 13.6 | 86.8 | 10.7 |
| Iowa | 90.4 | 11.5 | 91.0 | 10.0 | 90.4 | 11.4 | 86.0 | 18.8 |
| Kansas | 78.4 | 6.6 | 79.5 | 9.8 | 83.9 | 6.8 | 77.1 | 10.1 |
| Kentucky | 91.4 | 31.2 | 89.9 | 26.5 | 87.9 | 24.0 | 87.6 | 23.7 |
| Louisiana | 97.9 | 24.9 | 97.5 | 25.4 | 97.9 | 26.2 | 97.9 | 25.1 |
| Maine | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Maryland | 97.1 | 16.8 | 97.7 | 18.0 | 96.5 | 13.5 | 96.2 | 7.0 |
| Massachusetts | 76.2 | 39.3 | 87.1 | 39.9 | 81.2 | 42.9 | 90.6 | 45.3 |
| Michigan | 65.7 | 15.1 | 69.8 | 18.7 | 63.4 | 12.1 | 55.4 | 8.5 |
| Minnesota | 96.0 | 42.9 | 95.2 | 36.1 | 95.6 | 29.0 | 92.0 | 21.7 |
| Mississippi | 96.6 | 39.1 | 96.6 | 37.4 | 96.2 | 39.8 | 94.3 | 39.0 |
| Missouri | 83.3 | 20.9 | 82.0 | 18.9 | 77.0 | 14.0 | 70.2 | 12.8 |
| Montana | 91.8 | 3.9 | 93.1 | 5.6 | 91.2 | 3.7 | 89.0 | 3.6 |
| Nebraska | 80.2 | 21.6 | 80.6 | 21.6 | 73.5 | 16.5 | 62.2 | 21.2 |
| Nevada | 82.5 | 9.3 | 81.2 | 11.4 | 76.8 | 9.5 | 73.9 | 7.4 |
| New Hampshire | 100.0 | 95.0 | 100.0 | 75.1 | 100.0 | 82.8 | 100.0 | 84.9 |
| New Jersey | 91.6 | 57.5 | 92.1 | 55.7 | 89.6 | 52.0 | 88.0 | 50.4 |
| New Mexico | 62.4 | 9.7 | 68.4 | 12.6 | 64.2 | 12.5 | 60.3 | 11.0 |
| New York | 79.6 | 21.0 | 81.9 | 22.8 | 78.0 | 19.5 | 76.4 | 16.2 |
| North Carolina | 96.6 | 59.0 | 99.4 | 66.8 | 94.1 | 53.1 | 88.0 | 40.8 |
| North Dakota | 79.6 | 24.7 | 76.7 | 19.2 | 82.2 | 24.2 | 64.0 | 12.9 |
| Ohio | 81.5 | 9.7 | 81.4 | 9.1 | 78.7 | 7.7 | 75.1 | 6.1 |
| Oklahoma | 88.5 | 24.3 | 91.0 | 20.6 | 85.0 | 21.7 | 78.2 | 20.4 |
| Oregon | 98.1 | 31.5 | 98.6 | 30.7 | 97.8 | 29.5 | 97.0 | 27.7 |
| Pennsylvania | 74.4 | 20.5 | 72.1 | 20.3 | 68.7 | 17.7 | 62.7 | 15.9 |
| Rhode Island | 100.0 | 9.0 | 100.0 | 9.2 | 100.0 | 11.5 | 100.0 | 9.7 |
| South Carolina | 98.5 | 76.8 | 99.9 | 83.9 | 96.2 | 82.7 | 95.6 | 82.2 |
| South Dakota | 89.1 | 37.4 | 92.1 | 39.6 | 88.4 | 41.0 | 83.4 | 33.4 |
| Tennessee | 94.1 | 45.6 | 94.4 | 46.6 | 91.7 | 43.2 | 88.4 | 41.8 |
| Texas | 82.4 | 25.7 | 89.0 | 26.1 | 78.9 | 24.4 | 75.1 | 25.5 |
| Utah | 83.3 | 12.0 | 85.8 | 11.4 | 83.9 | 18.5 | 83.8 | 17.1 |
| Vermont | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Virginia | 86.7 | 21.5 | 86.0 | 19.2 | 79.4 | 16.9 | 76.1 | 13.3 |
| Washington | 95.4 | 41.6 | 94.6 | 39.0 | 94.1 | 36.7 | 93.9 | 38.4 |
| West Virginia | 55.2 | 13.0 | 55.7 | 13.7 | 47.5 | 11.6 | 41.3 | 11.8 |
| Wisconsin | 93.5 | 48.8 | 84.4 | 60.7 | 94.4 | 47.7 | 90.8 | 44.2 |
| Wyoming | 96.1 | 2.2 | 96.8 | 2.2 | 96.1 | 2.6 | 95.6 | 1.7 |
| **Total** | 79.3 | 25.5 | 82.3 | 25.7 | 77.9 | 24.1 | 74.0 | 23.9 |

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 |
|---|---|
| **Supply and Disposition** | |
| Marketed Production | Reported on Form EIA-895 and Estimated from Historical Data |
| Extraction Loss | Derived from Marketed Production |
| Dry Production | Marketed Production minus Extraction Loss |
| Withdrawals from Storage | Reported on Form EIA-191 |
| Supplemental Gaseous Fuels | Derived from Supply Estimates and Coal Gasification Information |
| Imports | Estimated from National Energy Board of Canada Information and Liquefied Natural Gas Information |
| Additions to Storage | Reported on Form EIA-191 |
| Exports | Estimated from Industry Trends and Liquefied Natural Gas Information |
| Current-Month Consumption | Estimated from Historical Month-to-Month Percent Changes |
| **Prior-Month Consumption** | |
| 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 off sample selection and estimation procedures.

**Average Price of Deliveries to Consumers**

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

**Final Monthly Data**

Monthly data are revised after the publication of the *Natural Gas Annual.* Final monthly data are estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

### *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 quan tity 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 temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day data bases maintained by the National Oceanic and Atmpospheric 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 arond the country. The temperature information recorded at these weather stations is used to calculate Statewide degree-day averages weighted by gas home cutomers. 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 reaso nableness 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

# 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 1,563 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 1994 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 1994. 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. Unlike previous years, no mergers or acquisitions were uncovered as a result of the initial mail-out. Therefore there was no need for either substitution of respondent companies or a reduction in the total number of respondents.

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

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

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

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

where:

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

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

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

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

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

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

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

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

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

where:

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

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

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using ($I = \frac{X2}{m}$). 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 X2 was the sum within State of the $X_{i.}$ for only those companies in the subgroup.

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

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

Iowa: 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).

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

## 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:

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

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:

$$V_j = y_{.j} \times E_{vj} \qquad (4)$$

where:

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

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

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

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

$$P_j = \frac{R_j}{V'_j}$$

where:

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

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

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

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

Table 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:

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

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 tomonthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly* to match them to the annual values appearing in the *Natural Gas Annual*. The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the *Natural Gas Monthly*, are used to derive an updated estimate of monthly consumption and revenues for each State's residential, commercial, or industrial natural gas consumption.

For each State, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

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

where:

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

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

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

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

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

The formula for revising the estimated revenue is:

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

where:

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

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

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

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

Revision of Volumes and Prices for Deliveries to Electric Utilities. Revisions to monthly electric utilities data are published throughout the year as they become available.

## Reliability of Monthly Data

The monthly data published in this report are subject to two sources of error - nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data. See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

**Standard Errors**. A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration. Standard errors are calculated based on statistical theory that refers to all possible samples of the same size and design.

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

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

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

where:

$H$ = the total number of strata

$N_h$ = the total number of companies in stratum h
$n_h$ = the sample size in stratum h

$y_i$ = the reported monthly volume for company i

$x_i$ = the reported annual volume for company i

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

# Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, April 1996

| State | Volume Million Cubic Feet | | | | Price Dollars per Thousand Cubic Feet | | |
|---|---|---|---|---|---|---|---|
| | Residential | Commercial | Industrial | Total | Residential | Commercial | Industrial |
| Alabama | 224 | 288 | 1,139 | 1,197 | 0.11 | 0.26 | 0.46 |
| Alaska | 0 | 0 | 0 | 0 | — | — | — |
| Arizona | 47 | 38 | 0 | 60 | 0.08 | 0.03 | — |
| Arkansas | 24 | 11 | 10 | 28 | 0.03 | 0.03 | 0.01 |
| California | 295 | 62 | 344 | 457 | 0.05 | 0.06 | 0.05 |
| Colorado | NA | NA | NA | NA | NA | NA | NA |
| Connecticut | 0 | 0 | 0 | 0 | — | — | — |
| Delaware | 0 | 0 | 0 | 0 | — | — | — |
| District of Columbia | 0 | 0 | 0 | 0 | — | — | — |
| Florida | 339 | 140 | 931 | 1,000 | 2.18 | 0.64 | 0.27 |
| Georgia | 1,187 | 119 | 9,764 | 9,837 | 0.14 | 0.17 | 6.79 |
| Hawaii | 0 | 0 | 0 | 0 | — | — | — |
| Idaho | 0 | 0 | 0 | 0 | — | — | — |
| Illinois | 1,191 | 528 | 92 | 1,306 | 0.03 | 0.08 | 0.36 |
| Indiana | NA | NA | NA | NA | NA | NA | NA |
| Iowa | 110 | 86 | 67 | 155 | 21.63 | 21.85 | 0.20 |
| Kansas | 913 | 318 | 43,136 | 43,147 | 0.77 | 0.35 | 9.83 |
| Kentucky | 1,585 | 1,835 | 3,861 | 4,559 | 1.56 | 0.35 | 4.62 |
| Louisiana | 479 | 230 | 1,373 | 1,473 | 0.18 | 0.14 | 0.06 |
| Maine | 0 | 0 | 0 | 0 | — | — | — |
| Maryland | 6 | 9 | 1 | 11 | — | — | 0.05 |
| Massachusetts | 615 | 104 | 570 | 845 | 0.16 | 0.45 | 0.19 |
| Michigan | 2,814 | 1,150 | 5,240 | 6,058 | 0.06 | 0.08 | 0.11 |
| Minnesota | 732 | 572 | 365 | 998 | 0.03 | 0.02 | 0.03 |
| Mississippi | NA | NA | NA | NA | NA | NA | NA |
| Missouri | 587 | 368 | 892 | 1,129 | 0.11 | 0.12 | 8.34 |
| Montana | 4 | 6 | 0 | 8 | 0.02 | 0.01 | — |
| Nebraska | 0 | NA | 0 | NA | — | NA | — |
| Nevada | 0 | 0 | 0 | 0 | — | — | — |
| New Hampshire | 0 | 0 | 0 | 0 | — | — | — |
| New Jersey | NA | 0 | 0 | NA | NA | — | — |
| New Mexico | 199 | 349 | 0 | 402 | 0.30 | 0.88 | — |
| New York | 8,248 | NA | 16,889 | NA | 0.45 | NA | 7.68 |
| North Carolina | 211 | 168 | 134 | 301 | 0.05 | 0.04 | 0.09 |
| North Dakota | 0 | 0 | 0 | 0 | — | — | — |
| Ohio | 2,067 | 1,156 | 1,319 | 2,711 | 0.14 | 0.21 | 0.14 |
| Oklahoma | 140 | 1,419 | 297 | 1,456 | 0.22 | 0.12 | 0.13 |
| Oregon | 0 | 0 | 0 | 0 | — | — | — |
| Pennsylvania | 1,592 | 559 | 1,778 | 2,451 | 0.19 | 0.29 | 0.26 |
| Rhode Island | 0 | 0 | 0 | 0 | — | — | — |
| South Carolina | 98 | 199 | 272 | 351 | 0.62 | 1.21 | 0.29 |
| South Dakota | 0 | 0 | 0 | 0 | — | — | — |
| Tennessee | NA | NA | NA | NA | NA | NA | NA |
| Texas | 0 | 0 | 2,519 | 2,519 | — | — | — |
| Utah | 0 | 0 | 0 | 0 | — | — | — |
| Vermont | 0 | 0 | 0 | 0 | — | — | — |
| Virginia | 434 | 571 | 3,313 | 3,390 | 0.55 | 0.39 | 6.24 |
| Washington | 0 | 0 | 0 | 0 | — | — | — |
| West Virginia | 1,227 | 1,419 | 301 | 1,900 | 0.77 | 0.85 | 0.12 |
| Wisconsin | 757 | 2,081 | 928 | 2,401 | 0.38 | 1.33 | 0.47 |
| Wyoming | NA | NA | NA | NA | NA | NA | NA |
| **Total** | 9,709 | 4,902 | 48,098 | 49,312 | 0.20 | 0.24 | 0.57 |

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 todays 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 |
| | | Annual: | Form EIA-816, "Monthly Natural Gas Liquids Report" and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production" | (202) 586-6303 |
| Supplemental Gaseous Fuels | 2 | Monthly: | EIA computations | Donna Guerrina |
| | | Annual: | Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" | (202) 586-6135<br>Margo Natof<br>(202) 586-6303 |
| Imports and Exports | 2 | Monthly: | EIA computations | Norman Crabtree |
| | | Annual: | Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" | (202) 586-6180 |
| 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 |
| | | Annual: | Form EIA-627, "Annual Quantity and Value of Natural Gas Report" | (202) 586-6135 |
| 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: | Quaterly Natural Gas Import and 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<br>12, 13 | Monthly: | Forms FERC-8 and EIA-191,<br>"Underground Gas Storage Report" | Rosemary Jameson<br>(202) 586-6229 |
| Distribution and Consumption: | | | | |
| Deliveries to: | | | | |
| Residential,<br>Commercial,<br>Industrial,<br>Electric Utility,<br>All Consumers | 14<br>15<br>16<br>17<br>18 | Monthly: | Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"<br>Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants" | Roy Kass<br>(202) 586-4790 |
| Average Price to: | | | | |
| City Gate,<br>Residential,<br>Commercial,<br>Industrial,<br>Electric Utility | 19<br>20<br>21<br>22<br>23 | Monthly: | Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"<br>Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants" | Roy Kass<br>(202) 586-4790 |
| Onsystem Sales | 24 | Monthly: | Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" | Roy Kass<br>(202) 586-4790 |
| Heating Degree Days | 25 | Seasonal: | National Oceanic and Atmospheric Administration | Rosemary Jameson<br>(202) 586-6229 |
| Highlights | | | | Mary Carlson<br>(202) 586-4749 |
| Industry Highlights | | | | Eva Fleming<br>(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 termperature 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 oi1 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.