

# **Natural Gas Annual 1999**

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# Preface

The *Natural Gas Annual* provides information on the supply and disposition of natural gas to a wide audience including Congress, Federal and State agencies, industry analysts, consumers, and educational institutions. The 1999 data are presented in a sequence that follows natural gas (including supplemental supplies) from its production to its end use. This is followed by tables summarizing natural gas supply and disposition from 1995 to 1999 for each Census Division and each State. Annual historical data are shown at the national level.

The data in the *Natural Gas Annual 1999* are taken from surveys conducted by the Energy Information Administration (EIA), U.S. Department of Energy (DOE), to fulfill its responsibilities for gathering and reporting energy data. Two EIA surveys provide most of the information presented in this report—the mandatory Form EIA-176, “Annual Report of Natural and Supplemental Gas Supply and Disposition,” and the Form EIA-895, “Monthly Quantity and Value of Natural Gas Report.” Form EIA-176 was submitted by respondents out of an identified universe of operators of fields, wells, or natural gas processing plants who distribute gas to end users or transport gas to or across a State border; operators of synthetic

natural gas plants; natural gas distributors; natural gas pipeline companies; and companies that operate underground natural gas storage facilities. Form EIA-895 was submitted by the appropriate agencies of the 33 natural gas producing States.

Data collected on Form EIA-176 are not proprietary. Selected company-level data are presented in the Consumption section.

Other EIA surveys that provided information for this report are Forms EIA-816, “Monthly Natural Gas Liquids Report,” and EIA-64A, “Annual Report of the Origin of Natural Gas Liquids Production,” for gas processed, plant fuel, and extraction loss data; Form EIA-857, “Monthly Report of Natural Gas Purchases and Deliveries to Consumers,” for data on the city gate prices; Forms EIA-759, “Monthly Power Plant Report,” and FERC-423, “Monthly Report of Cost and Quality of Fuels for Electric Plants,” for data on the quantity and price of natural gas consumed by electric utilities; and Office of Fossil Energy, *Natural Gas Imports and Exports*, for data on the quantity and price of natural gas imports and exports. The EIA report, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Report*, was the source of the reserves data.

## Cautionary Note: Number of Residential Consumers

The Energy Information Administration (EIA) expects that there may be some double counting in the number of residential users reported for 1998 and 1999, specifically that some residential customers were reported as both sales and transportation customers.

EIA collects information on number of residential consumers, through a survey of companies that deliver gas to consumers (Form EIA-176). The survey asks for the number of residential customers companies serve as sales customers and as customers to whom they deliver gas purchased from others. Traditionally, residential customers obtained the gas and all services associated with delivering it from their local distribution company (LDC). The LDC records these customers as sales customers. Customer choice programs allow consumers to select the provider from whom they purchase gas. When customers elect to purchase gas from a provider other than the LDC, the LDC continues to deliver the gas to the household even though it no longer sells the gas. When customers switch to another provider, they become transportation customers for the LDC. A residential customer who enters a customer choice program will be classified both as a traditional sales customer and, after entering the program, as a transportation customer. This double reporting affects the number of residential consumers shown in the *Natural Gas Annual*.

Table 18 assists readers in evaluating the extent and possible effect of double reporting. It lists the number of residential sales and transportation customers reported on Form EIA-176 for 1998 and 1999. Appendix A includes the survey Form EIA-176, “Annual Report of Natural and Supplemental Gas Supply and Disposition.” Numbers of residential customers are reported on this form for both sales (in Part V, line 5.4.1) and transportation (in Part V, line 7.4.1).

Several customer choice programs, also known as retail unbundling programs, were implemented during 1998 and 1999. A description of these programs for States offering customer choice is on the EIA web site at: [www.eia.doe.gov/oil\\_gas/natural\\_gas/restructure/restructure.html](http://www.eia.doe.gov/oil_gas/natural_gas/restructure/restructure.html).

Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE that has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The United States Geological Survey (USGS) and the United States Minerals Management Service (MMS) of the Department of the Interior were sources of supplemental information on production, the number of producing gas and gas-condensate wells, and wellhead values. The geographic coverage is the 50 States and the District of Columbia.

All volumes of natural gas in this publication are reported at 14.73 pounds per square inch absolute and 60 degrees Fahrenheit, except where noted. A glossary of terms is provided to assist users in understanding the data presented. A description of the data collection surveys appears in Appendix A. Appendix B describes metric and thermal conversion factors, and Appendix C lists additional natural gas information sources.

The tables of data that appear in this report are available on the Internet. See inside front cover for further details.

## Natural Gas Publications and Databases Available Electronically

All of the natural gas publications are available electronically on the EIA website. Certain natural gas data are also provided in database formats on the web site. The table below is a guide to the major natural gas products.

<b>Product</b>	<b>Format</b>	<b>Contents</b>
<b><u>Publications</u></b>		
<i>Natural Gas Weekly Market Update</i>	PDF	Analysis of current price, supply, and storage data
<i>Natural Gas Monthly</i>	PDF	Monthly supply, disposition, and price data
<i>Natural Gas Annual</i>	PDF	Annual supply, disposition, and price data
<i>Historical Natural Gas Annual</i>	PDF	Historical annual supply, disposition, and price data from 1930 - 1999
<i>Issues and Trends</i>	PDF	Comprehensive analysis of growth and change in the natural gas industry
<i>U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves</i>	PDF	Proved reserves in the United States
<i>Oil and Gas Field Code Master List</i>	PDF	Listing of U.S. oil and gas field names
<b><u>Databases</u></b>		
Monthly data	TXT	Tables 1-6, and 9 from the <i>Natural Gas Monthly</i>
Historical monthly data	EXE	Consumption and price data, 1984-1995; 1996-present
Annual data	TXT	Tables from the <i>Natural Gas Annual</i>
Historical annual data	TXT	Tables from the <i>Historical Natural Gas Annual</i>
Field Codes	EXE	Oil & Gas Field Code Master List
<b><u>Applications</u></b>		
EIA-176 Query System	EXE	Filings to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"
EIAGIS	EXE	Periodic updates for users of the EIAGIS-NG Geographic Information System

PDF files are image files that can be viewed through Adobe Acrobat.

TXT files are ASCII text. They may be replications of published tables, including table titles, column and row identification, or they may be flat files with a minimum of content description suitable for input to spreadsheets or other programs.

EXE files are executables that can be downloaded then opened. Databases are distributed as self-executing Zipped archives which spawn numerous data files and documentation. Applications are distributed as self-executing Zipped archives which initially generate numerous files and then form an application which is installed on the user's PC.

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# Overview

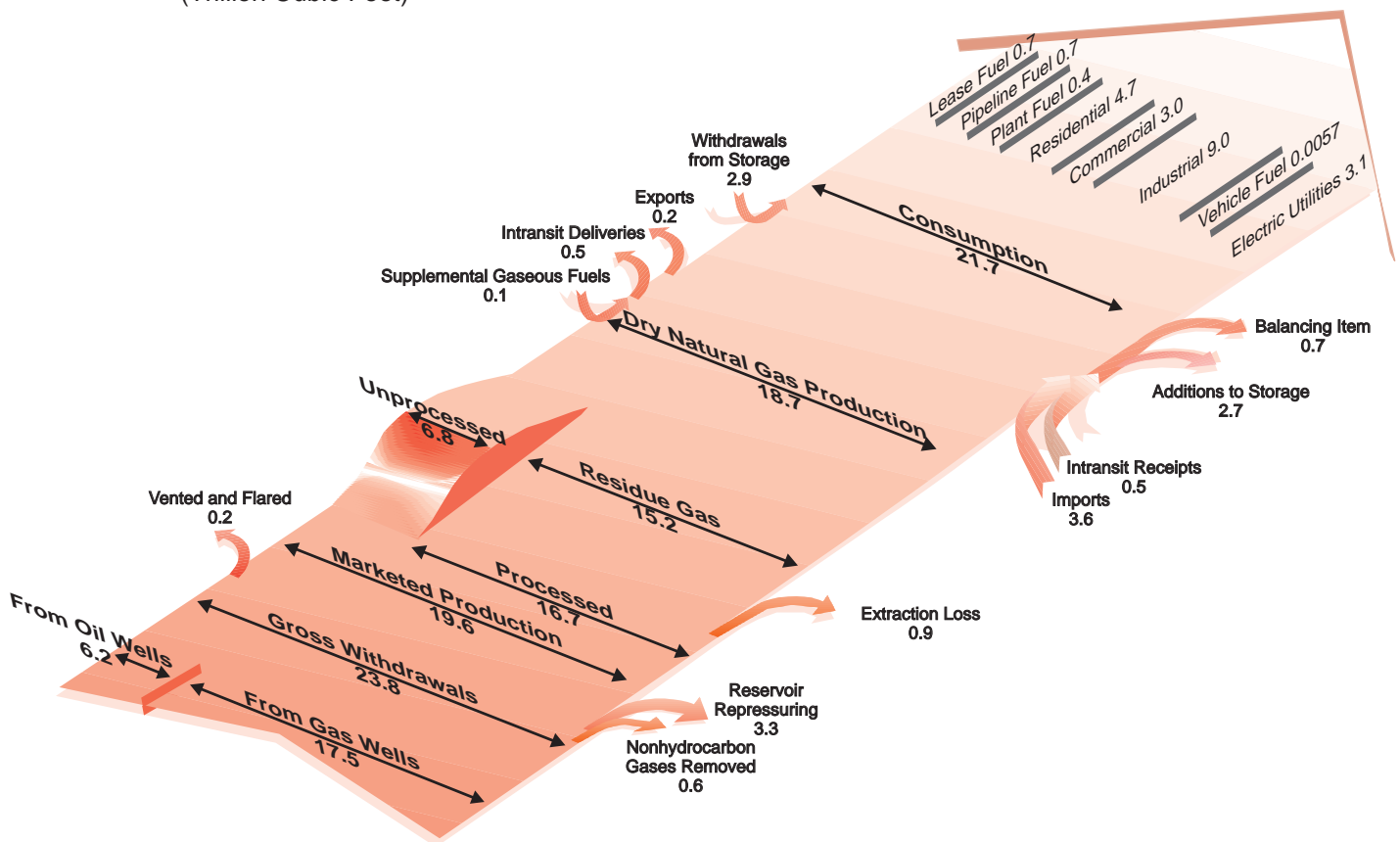
In 1999, natural gas consumption reached 21.7 trillion cubic feet, 2 percent higher than in the previous year, while marketed production at 19.6 trillion cubic feet was 1 percent less than the 1998 level. Imports continued to take on a greater role in contributing to supplies as net imports accounted for 16 percent of U.S. gas consumption in 1999. Wellhead prices rose substantially, by 11 percent, and electric utility prices followed this trend with a 9-percent increase. Prices declined in other end-use sectors but by relatively small amounts, ranging from 1 to 3 percent.

## Supply

The United States had 19.6 trillion cubic feet of marketed natural gas production<sup>1</sup> in 1999, which was 1 percent less than in 1998. The historical peak in marketed production

<sup>1</sup>Marketed production is derived from gross withdrawals by subtracting quantities used for repressuring, nonhydrocarbon gases removed during processing, and gas vented and flared.

**Figure 1. Natural Gas Flow Diagram, 1999**  
(Trillion Cubic Feet)



**Note:** Totals may not equal sum of components due to independent rounding.  
**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216, and the U.S. Minerals Management Service.

occurred in 1973 at 22.6 trillion cubic feet. Four States continue to account for the majority of the natural gas produced in the United States comprising 74 percent of the total in 1999: Texas (31 percent), Louisiana (27 percent), Oklahoma (8 percent), and New Mexico (8 percent).

At the State level in 1999, Texas and Oklahoma had the largest declines in marketed production, 282 billion cubic feet and 74 billion cubic feet, respectively. These volumes were equivalent to a 4-percent drop in each State. Marketed production in Louisiana in 1999 was nearly the same as in 1998, while production in New Mexico increased by 1 percent. The States with the largest increases in marketed production during 1999 were California and Wyoming, with increases of 67 billion cubic feet (21 percent) and 62 billion cubic feet (8 percent), respectively. In California, ownership has changed in the Elk Hills oil field where natural gas is reinjected into the reservoir to assist in oil recovery. Less gas is being used for pressure maintenance, allowing more gas to be available for sale to the market.

Marketed natural gas production from State and Federal waters declined by 1 percent from 1998 to 1999, reaching 5.7 trillion cubic feet. Offshore fields accounted for 29 percent of total U.S. marketed production in both 1999 and 1998. Of the five States with offshore marketed production, Louisiana had the most with 3.9 trillion cubic feet in 1999, nearly the same level as in 1998. Texas has the second-largest amount of offshore marketed production with 1.2 trillion cubic feet in 1999, a decline of 4 percent from 1998.

The number of gas and gas condensate wells was 307,449 in 1999, a decline of 9,480 (3 percent) compared with 1998. This is the first time the number of wells has declined since 1992.

The national average wellhead price was \$2.17 per thousand cubic feet in 1999, which was \$0.22 per thousand cubic feet (11 percent) higher than in 1998. During the 1990's, the greatest price changes occurred between 1995 and 1997, when the annual average wellhead price rose from \$1.55 to \$2.32 per thousand cubic feet. Only three States had declines in the average wellhead price from 1998 to 1999: Kentucky, New York, and South Dakota. Combined, these States accounted for only one-half percent of total marketed production in 1999. Among the four largest producing States, the smallest increase in the average wellhead price was \$0.19 (10 percent) to \$2.19 per thousand cubic feet in Louisiana and the largest was \$0.35 (20 percent) to \$2.11 per thousand cubic feet in New Mexico.

## Imports and Exports

The United States continued active trading in natural gas imports and exports during 1999. Net imports reached a new record level of 3.4 trillion cubic feet, and expanded their share of total U.S. consumption, reaching 16 percent in 1999. Pipeline imports from Canada comprised 95 percent of total U.S. Imports.

### *Pipeline Imports*

All natural gas imports from Canada enter the United States by pipeline. During 1999, pipeline imports grew by 10 percent compared with a 5 percent rise in 1998, 1 percent in 1997, and 2 percent in 1996. The higher growth rate in 1999 was due to significant increases in crossborder capacity as two pipeline projects completed in late 1998 and operational throughout 1999 made import expansion possible. The Great Lakes Transmission expansion project added 126 million cubic feet per day of capacity. It extends from Manitoba, Canada, through Noyes, Minnesota. The Northern Border Iowa-to-Illinois expansion project increased capacity from Port of Morgan, Montana, into Iowa by 700 million cubic feet per day and extended into Illinois just south of Chicago. A third project, the Portland Pipeline project, began operations in March 1999. It added a new pipeline to bring natural gas from western Canada into the U.S. Northeast through New Hampshire. Included in this project was the conversion back to oil use of the old Portland Pipeline, which crosses the Canadian border into Vermont. The project has created a net increase of 147 billion cubic feet per day of capacity serving Northeast markets.

U.S./Canadian crossborder capacity expansion has continued in 2000 with the startup of two major U.S./Canadian pipeline projects. The Maritimes and Northeast Pipeline was completed in 1999, and gas began flowing in January 2000. It established a link between the Sable Island Offshore Energy Project (SOEP) and New England markets. The SOEP, located off Nova Scotia in the northern Atlantic, marks the first commercial natural gas project in the Atlantic off North America. The SOEP is designed to supply about 530 million cubic feet per day to the Maritimes and Northeast Pipeline which will deliver about 400 million cubic feet per day to New England markets. The Alliance Pipeline, with a capacity of 1.3 billion cubic feet per day, is scheduled to begin operations in late October 2000. It will cross the Canadian border into North Dakota and serve Chicago area markets.

The price of natural gas imports from Canada also increased to \$2.23 per thousand cubic feet, 14 percent above the 1998 price of \$1.95 per thousand cubic feet. As

in recent years, the Canadian price followed the upward trend in U.S. wellhead prices. The U.S. wellhead price also rose from 1998 to 1999, although by a smaller percentage. The 1999 wellhead price was \$2.17 per thousand cubic feet, 11 percent higher than in 1998.

The United States imported 55 billion cubic feet of natural gas from Mexico by pipeline in 1999, more than three-and-one-half times the 1998 level of 15 billion cubic feet. The price of imports from Mexico was \$2.14 per thousand cubic feet, 5 percent above the 1998 price.

### **LNG Imports**

Reflecting the brisk trade in the international liquefied natural gas (LNG) market, LNG imports nearly doubled from 1998 to 1999, reaching 163 billion cubic feet, the highest level since 1979. They represented 5 percent of total U.S. imports. Algeria continued to be the major supplier of LNG imports with 76 billion cubic feet or 46 percent of total LNG imports. The United States had new sources of LNG during 1999. The new liquefaction facility and terminal in the Republic of Trinidad and Tobago targets markets in the Northeastern United States, Spain, and Puerto Rico. It began shipments to Everett, Massachusetts in May 1999. These shipments totaled 51 billion cubic feet, 31 percent of all LNG imports. Also in 1999, the United States imported LNG from Qatar and Malaysia for the first time.

There are two operational LNG-receiving terminals in the United States: Everett, Massachusetts, and Lake Charles, Louisiana. LNG imports serve as supplemental gas supplies in the markets located near these facilities. The United States has two other LNG facilities that are not presently importing. One of them, the Cove Point LNG terminal in southern Maryland, has not received LNG shipments since 1980. It became a peakshaving storage facility in 1995. Cove Point is filing an application with the Federal Energy Regulatory Commission (FERC) to resume LNG imports and expects to begin receiving shipments in 2002. The other facility, the mothballed Elba Island terminal near Savannah, Georgia, has received clearance from the FERC to go back in service and expects to reactivate operations in 2002. Elba Island last imported LNG in 1980.

Prices of LNG imports are higher than those for Canadian and Mexican pipeline imports. A number of factors contribute to this difference, including the high Btu content for LNG imports compared with North American gas. LNG prices are also influenced by the local markets that they enter. Unlike the price for pipeline imports from Canada, the price of LNG imports declined in 1999 to \$2.47 per thousand cubic feet, 6 percent less than the 1998

price. This decline occurred as global demand for LNG diminished. The price of imports from Algeria, the largest single source of LNG imports, declined by a lesser amount, 4 percent, to \$2.41 per million cubic feet. Most of these imports were made under long-term agreements. LNG prices are reported as either "landed," the price at the point of entry, or "tailgate," the price at the point of entry plus regasification charges.

Although LNG imports represent only about 5 percent of total U.S. imports, they are a significant supply source for several regional markets. Certain developments in the natural gas industry, such as the current rising prices for other natural gas supplies and the increased demand for gas for power generation, indicate possible substantial growth potential in the demand for LNG in the United States. International supplies of LNG are also readily available. Trinidad plans to expand its existing LNG production and export facility, which would triple its production and export of LNG by the year 2003. Much of this future LNG supply will likely be marketed in the United States.<sup>2</sup> Abundant supplies and increasing regional demand may work together to ensure an active LNG import market in the United States.

### **Exports**

The United States exported natural gas to Canada, Mexico, and Japan. Natural gas exports to Canada were all by pipeline. They declined by 3 percent from 1998 to 1999 to 39 billion cubic feet. The average price of exports to Canada was \$2.35 per thousand cubic feet, 4 percent above the 1998 price. Exports to Canada represented about 24 percent of total U.S. exports.

Natural gas pipeline exports from the United States to Mexico reached 61 billion cubic feet in 1999, the highest level since 1995. The price increased to \$2.27 per thousand cubic feet, 11 percent above the 1998 price. Also in 1999, 275 million cubic feet of liquefied natural gas (LNG) was sent to Mexico by truck, crossing the border at Nogales, Arizona, and San Diego, California. LNG shipments to Mexico began in 1998 when 33 million cubic feet was exported at Nogales. Exports to Mexico represented about 38 percent of total U.S. natural gas exports.

LNG is shipped from southern Alaska to Japan under long-term agreements. U.S. exports to Japan declined by 4 percent to 64 billion cubic feet in 1999 while the price rose by 6 percent over the 1998 level to \$3.08 per thousand

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<sup>2</sup>U.S. Department of Energy, Office of Fossil Energy, *Natural Gas Imports and Exports, Fourth Quarter Report 1999*, DOE/FE-0414 (March 2000).

cubic feet. Exports to Japan represented about 39 percent of U.S. exports.

More detailed information about imports and exports including monthly data, can be found in the Special Report, "U.S. Natural Gas Imports and Exports – 1999," in the August 2000 issue of the Energy Information Administration (EIA) report, *Natural Gas Monthly*.

## Storage

Natural gas in storage contributes to the supply reliability of the industry and has become an increasingly important part of industry operations in recent years. Additions to and withdrawals from storage are shown in Table 10 for the calendar year 1999. Storage levels on a monthly basis are frequently of great interest as the heating season (November through March) proceeds each year. Monthly gas storage levels are available in the EIA report, *Natural Gas Monthly*.

### Storage Capacity

Data for natural gas underground storage capacities as of December 31, 1999, are presented for the first time in this report by type of facility. There are three principal types of underground storage facilities in operation in the United States today: aquifer reservoirs, depleted fields, and salt caverns. Most storage capacity, 82 percent, is in depleted natural gas or oil fields. Depleted field facility capacity is located in 25 States with Louisiana, Michigan, Ohio, Pennsylvania, Texas, and West Virginia each having more than 500 billion cubic feet of capacity. Aquifer reservoirs are water-only reservoirs conditioned to hold natural gas and account for 15 percent of total capacity. Aquifer reservoirs are located in 11 States, with 59 percent of this type of capacity in Illinois. Aquifer reservoirs and most depleted fields are designed and operated to withdraw all working gas over the course of an entire heating season.

Salt caverns account for only 2 percent of underground storage capacity. They are located in nine States but most of the capacity is in only three States: Louisiana with 18 percent of total salt cavern capacity, Mississippi, with 17 percent, and Texas with 57 percent. Salt cavern storage facilities are caverns hollowed out in salt "bed" or "dome" formations. They have greater operational flexibility than the other types of facilities; all of the working gas in a given facility can be withdrawn in a relatively short period of time.

## Recent Pipeline Expansions

In 1999, at least 35 natural gas pipeline construction projects were completed and placed in service in the United States. Of the 35 projects, only 3 were wholly new pipeline systems, while the rest were extensions or expansions to existing systems, construction of large laterals off of mainline transmission systems (mainly to serve new gas-fired electric power generation facilities), or large gathering system header lines. The cumulative new installed pipeline capacity represented by these projects amounted to more than 6.6 billion cubic feet per day of capacity. These projects either added capacity directly to the interstate network, improved local intrastate service, or expanded access to producing fields or natural gas market centers.

Currently planned expansions (28 projects) for 2000 could add up to 7.2 billion cubic feet per day of new capacity to the national pipeline network. As in 1999, expansion of import capacity into the Northeast and Midwest United States will account for a large portion of the new capacity (1.3 billion cubic feet per day).

Some highlights of current U.S. pipeline expansions are:

- In the Southeastern United States, completion of four projects added about 1.2 billion cubic feet per day of pipeline capacity to the regional network in 1999. These projects included: improvement of the Columbia Gulf Transmission system; completion of the new Cardinal Pipeline and the Transcontinental Gas Pipeline system link with the Pine Needle LNG facility in North Carolina; and construction of a lateral line off the Tennessee Gas Pipeline system in Mississippi to serve a new gas-fired electric power plant.
- In the Rocky Mountains area of northern Wyoming and southern Montana (primarily the Powder River Basin), three new major gathering (header) pipelines, with a total of 1.1 billion cubic feet per day of capacity, were completed and connected to the interstate pipeline network in the region. Coal-bed methane gas reserves, which are abundant in the area and relatively easy to develop, are being brought on line rapidly, and new pipeline exit capacity is needed in the area. The Wyoming Interstate Pipeline Company, which is one of the principal transporters moving gas out of the area, increased its capacity by 36 percent in 1999 and will increase it further in 2000. The company also recently announced an additional system expansion of 675 million cubic feet per day, slated for completion in 2001.

- Also in the Rocky Mountains area, the final phase of the Transcolorado Pipeline system (300 million cubic feet per day) was completed in late 1999. This system extends from the Piceance Basin of northwestern Colorado, through the San Juan Basin in southern Colorado/northern New Mexico, to interconnections with the El Paso Natural Gas and Transwestern Pipeline systems in New Mexico which will deliver gas to California markets. The system also has interconnections at its northern terminus with regional interstate pipelines (Questar Pipeline Company, Northwest Pipeline Company and Colorado Interstate Gas Company), allowing shippers to serve area customers as well.
- Two projects completed in 1999 improved export capacity to Mexico by 293 million cubic feet per day and accounted for the largest amount of new export capacity installed during the decade. One of the projects, Tennessee Gas Pipeline Company's Reynosa/Monterrey project, as a bidirectional line, also increased import capacity to the United States for the first time since the early 1980's. The impetus for most of the increased export capacity has been to support mostly industrial and power generation customers located in the border area. At the close of 1999, export capacity to Mexico stood at 1.5 billion cubic feet per day.
- Since 1998, the number of projects adding to offshore pipeline capacity in the Gulf of Mexico has decreased significantly. In 1997 and 1998, 14 natural gas pipeline projects were completed, which represented a total of 6.4 billion cubic feet per day of new pipeline capacity in the Gulf, most of which were large capacity pipelines connecting onshore facilities with developing offshore sites, particularly in the deepwater areas of the Gulf. During 1999, four significant projects were completed, adding 1 billion cubic feet per day to the area's pipeline capacity. All of these projects were built primarily to improve gathering operations and to link new and expanding producing platforms located in the Gulf with offshore mainlines directed to onshore facilities.
- In late October 2000, the Alliance Pipeline, which will be capable of transporting up to 1.3 billion cubic feet per day of natural gas from British Columbia, Canada, to the State of Illinois, is expected to be placed in service. This project alone represents a 40 percent increase over 1998 levels in natural gas import capacity into the Midwestern United States. Also in the Midwest region, the Vector Pipeline system is scheduled for completion in late 2000 and will transport some of the Alliance Pipeline's supplies to eastern markets in the United States and Canada.

## Consumption

Natural gas consumption reached 21.7 trillion cubic feet in 1999, 2 percent more than in 1998. The decade began with 18.7 trillion cubic feet of natural gas consumption in 1990 and increased steadily to 22.0 trillion cubic feet in both 1996 and 1997. Warmer-than-normal winter weather contributed to the decline in consumption to 21.3 trillion cubic feet in 1998. The historical peak in U.S. natural gas consumption occurred in 1972 when 22.1 trillion cubic feet was consumed.

End users consumed 19.9 trillion cubic feet of natural gas in 1999, 413 billion cubic feet or 2 percent more than in 1998. The largest increase occurred in California, where end-use consumption reached 2,071 billion cubic feet, an increase of 137 billion cubic feet or 7 percent compared with 1998. The largest decrease occurred in Texas, where end-use consumption declined by 128 billion cubic feet to 3,507 billion cubic feet, a drop of 4 percent compared with 1998.

Both residential and commercial customers increased their use of natural gas in 1999. Consumption rose by 5 and 2 percent, respectively, in these sectors compared with 1998. The major use of natural gas in both sectors is for space heating and even though the heating months of 1999 (January, February, March, November, and December) were generally warmer than normal, they were colder than in 1998.<sup>3</sup> Residential natural gas consumption in 1999 was 4.7 trillion cubic feet. Commercial natural gas consumption in 1999 was 3.0 trillion cubic feet. At the State level, the largest change in residential consumption from 1998 to 1999 occurred in Illinois, where consumption increased by 35 billion cubic feet or 9 percent. The largest change in commercial consumption at the State level occurred in California, where consumption decreased by 37 billion cubic feet or 13 percent.

Consumption of natural gas in the industrial and electric utility sectors moved in opposite directions in 1999. This was in part the result of the reclassification of some electric utility consumption. Industrial consumption in 1999 was 9.0 trillion cubic feet, 4 percent higher than in 1998. Electric utilities consumed 3.1 trillion cubic feet of natural gas in 1999, which was 4 percent less than in 1998.

<sup>3</sup>Comments about the weather are based on gas home customer-weighted heating degree days found in Table 26 of the Energy Information Administration's *Natural Gas Monthly*, DOE/EIA-0130, April issues in 1999 and 2000.

Restructuring of the electric utility industry is taking place on a State-by-State basis.<sup>4</sup> Where it is proceeding, electric utilities are selling generating plants to entities that are not regulated utilities. When such a sale occurs, these facilities are reclassified as nonutility generators, and the natural gas that they consume is reported as industrial consumption rather than electric utility consumption.

Evidence of such shifts in the natural gas consumption data can be seen in California and Massachusetts. While other factors, such as the level of industrial activity and hot summer weather,<sup>5</sup> also affect demand for natural gas in these sectors, both States show a large shift of natural gas consumption from the electric utility sector to the industrial sector. In California, electric utility consumption of natural gas declined by 126 billion cubic feet or 47 percent from 1998 to 1999, while industrial consumption increased by 282 billion cubic feet or 34 percent. Similarly, in Massachusetts, electric utility consumption of natural gas declined by 10 billion cubic feet or 56 percent, while industrial consumption increased by 32 billion cubic feet or 26 percent. Such shifts in natural gas consumption can be expected to continue during the next several years as restructuring efforts expand in the electricity industry.

## Consumer Prices

End-use consumers paid lower prices in 1999 than in 1998 with the exception of the electric utility sector. The declines were somewhat modest: 2 percent in the residential sector, 3 percent in the commercial sector, and 1 percent in the industrial sector. In contrast, the price in the electric utility sector rose by 9 percent.

The prices paid for deliveries of natural gas to the residential and commercial sectors reflect the limited options in service and the high-quality services required during peak demand periods. Compared to industrial and electric utility customers, these sectors typically pay a higher percentage of the fixed costs of long-distance transportation and local distribution and their prices respond to changes in wellhead prices over a long time period.

Industrial companies and electric utilities are large-volume customers with relatively high load factors, which enable them to take advantage of economies of scale in purchases. Additionally, they are typically in a better position to elect whether to stay with their local distribution company (LDC) or seek supplies from alternative

<sup>4</sup>For information on restructuring of the electricity generation industry, see the Energy Information Administration's Internet site at <http://www.eia.doe.gov>.

<sup>5</sup>Hot weather increases the demand for electricity to meet air conditioning needs and many electricity generators rely on natural gas to meet peak levels of electricity demand.

sources. These factors result in prices that are highly responsive to fluctuations in wellhead prices. However, the industrial prices that EIA is able to collect are associated with only a small percentage of the natural gas delivered to industrial users. Thus changes in EIA's industrial prices may not track as closely with changes in the average wellhead price as one would expect. Electric utility prices do correspond to total deliveries of natural gas in this sector.

The average price for natural gas at the city gate increased by 1 percent from 1998 to 1999 to reach \$3.10 per thousand cubic feet. City gate prices represent the total cost paid by gas distribution companies for gas received at the point where the gas is physically transferred from a pipeline company or transmission system to the LDC. This price is intended to reflect all charges for the acquisition, storage, and transportation associated with the LDC obtaining natural gas for sale to consumers.

Residential consumers continued to pay the highest price for natural gas. The average price of natural gas deliveries to the residential sector declined for the second year in a row. It decreased by 2 percent from \$6.82 per thousand cubic feet in 1998 to \$6.69 per thousand cubic feet in 1999. In recent years, only modest changes in constant dollars have been seen for residential prices (Figure 14). Most of these consumers remain captive to LDC sales service in all but a few States. The LDCs are obligated to supply gas to residences at all times, including during heating seasons when demand is high. Providing this premium service usually results in higher prices. The second-highest prices for natural gas deliveries were seen in the commercial sector. The average price paid by commercial consumers declined by 3 percent from \$5.48 in 1998 to \$5.33 per thousand cubic feet in 1999. The percentage of deliveries for the account of others (i.e., for transportation-only customers) to the commercial sector has grown substantially since 1993 from 16 percent of commercial deliveries to 34 percent in 1999. In 19 States and the District of Columbia, prices in this sector were associated with less than 70 percent of deliveries in 1999.

Deliveries for the account of others in the industrial sector represented 83 percent of all deliveries to that sector during 1999 and resulted in industrial prices, as reported by EIA, associated with only 17 percent of the volumes delivered. Prices for gas purchased by the industrial customers who continue to buy from LDC suppliers declined by 1 percent from \$3.14 per thousand cubic feet in 1998 to \$3.10 in 1999. Electric utility prices reflect natural gas consumption by all large electric utilities and do not include gas consumed by nonutility power producers. Following the rise in the average wellhead price, the price paid by electric utilities for natural gas increased by 9 percent from \$2.40 per thousand cubic feet in 1998 to \$2.62 per thousand cubic feet in 1999.

Most of the natural gas delivered for vehicle fuel represents deliveries to refueling stations that are used primarily by fleet vehicles. Thus, the prices are often those associated with the operation of fleet vehicles and may be based on internal transfer prices for companies primarily in

the natural gas business. The average price paid for deliveries of natural gas for vehicle fuel use was \$4.34 per thousand cubic feet in 1999 and was associated with a very small volume of deliveries.

### **Changes to Tables in the *Natural Gas Annual 1999***

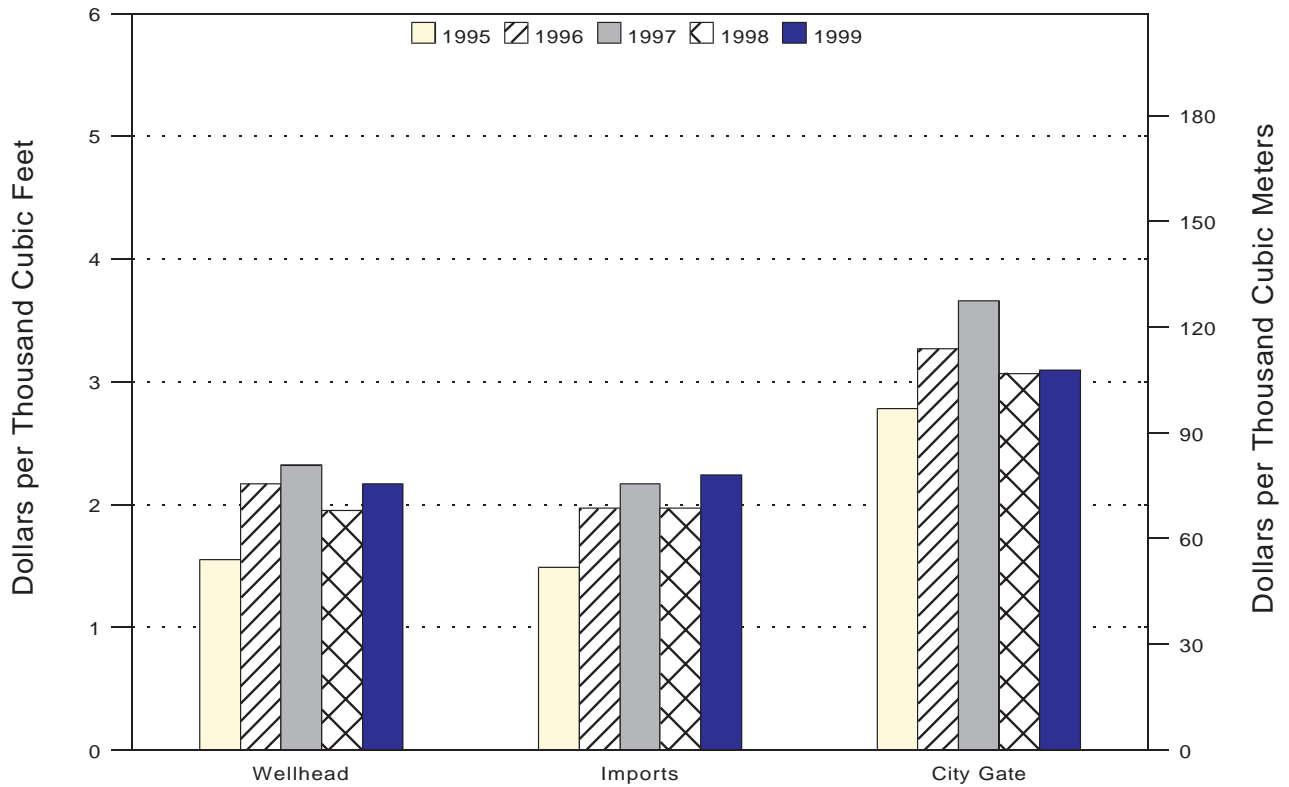
Some changes have been made to the types of information presented in the tables of this report. These changes were made to account for changes to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and to reflect information appropriate to the restructured natural gas industry.

The changes to the tables in the *Natural Gas Annual 1999* are:

- The average annual residential consumption and costs per consumer are no longer presented in this report because of possible double counting of the number of residential consumers. The EIA expects that there may be double counting of residential customers as they entered customer choice programs in 1998 and 1999. (See the cautionary note in the Preface.) To the extent that customers are reported both as sales and as transportation customers, calculations of average annual rates per residential consumer will result in erroneously low rates. Table 18 shows the number of sales and transportation customers for the residential sector. Tables 19 and 20 have been added to show these same data for the commercial and industrial sectors. In Table 22, columns have been added to show the percentage of total volume delivered associated with the residential price.
- Storage capacity data in Table 11 are now shown by type of facility: salt cavern, aquifer, or depleted field.
- Information about firm and interruptible deliveries is no longer collected on the Form EIA-176 and thus not presented in this report. These data were collected for report years 1993 through 1998 and are available in the EIA report, *Historical Natural Gas Annual*.
- Reserves data are no longer included in this report. They can be found in the comprehensive EIA report, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Report*.
- Details about natural gas liquids extracted at natural gas processing plants, previously presented in the Supply Chapter and in Appendix A, are no longer provided in this report. Total liquids extracted can be found in the EIA report, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Report*. Estimated components and products in liquids extracted can be found in the EIA reports, *Petroleum Supply Monthly* and *Petroleum Supply Annual*.



**Figure 2. Selected Average Prices of Natural Gas in the United States, 1995-1999**



**Sources:** Energy Information Administration (EIA), Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); and Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999).

**Table 1. Summary Statistics for Natural Gas in the United States, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	298,541	301,811	310,971	R316,929	307,449
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	17,282,032	17,737,334	17,844,046	R17,719,241	17,540,919
From Oil Wells.....	6,461,596	6,376,201	6,368,631	R6,376,965	6,214,427
<b>Total.....</b>	<b>23,743,628</b>	<b>24,113,536</b>	<b>24,212,677</b>	<b>R24,096,206</b>	<b>23,755,345</b>
Repressuring.....	-3,565,023	-3,510,753	-3,491,542	R-3,437,062	-3,304,594
Nonhydrocarbon Gases Removed.....	-388,392	-518,425	-598,691	R-615,941	-609,717
Wet After Lease Separation.....	19,790,213	20,084,357	20,122,444	R20,043,203	19,841,034
Vented and Flared.....	-283,739	-272,117	-256,351	R-234,472	-245,180
Marketed Production.....	19,506,474	19,812,241	19,866,093	R19,808,731	19,595,854
Extraction Loss.....	-907,795	-958,178	-963,759	-937,798	-901,235
<b>Total Dry Production.....</b>	<b>18,598,679</b>	<b>18,854,063</b>	<b>18,902,334</b>	<b>R18,870,933</b>	<b>18,694,619</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	18,598,679	18,854,063	18,902,334	R18,870,933	18,694,619
Receipts at U.S. Borders					
Imports .....	2,841,048	2,937,413	2,994,173	3,152,058	3,585,505
Intransit Receipts .....	492,481	536,333	548,000	481,581	486,468
Withdrawals from Storage					
Underground Storage.....	2,974,102	2,911,327	2,824,245	2,377,344	2,771,534
LNG Storage.....	50,446	69,287	69,517	54,365	101,871
Supplemental Gas Supplies.....	110,290	109,455	103,153	102,189	98,247
Balancing Item.....	-230,002	217,114	61,024	R-179,642	-683,124
<b>Total Supply.....</b>	<b>24,837,044</b>	<b>25,634,990</b>	<b>25,502,445</b>	<b>R24,858,828</b>	<b>25,055,120</b>
<b>Disposition (million cubic feet)</b>					
Consumption .....	21,580,665	21,966,616	21,958,660	R21,278,888	21,694,489
Deliveries at U.S. Borders					
Exports .....	154,119	153,393	157,006	159,007	163,415
Intransit Deliveries.....	492,481	536,333	516,620	459,461	494,544
Additions to Storage					
Underground Storage.....	2,565,882	2,905,592	2,800,294	2,903,585	2,597,509
LNG Storage .....	43,897	73,057	69,865	57,887	105,163
<b>Total Disposition .....</b>	<b>24,837,044</b>	<b>25,634,990</b>	<b>25,502,445</b>	<b>R24,858,828</b>	<b>25,055,120</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	792,315	799,629	776,306	R773,049	677,655
Pipeline Fuel.....	700,335	711,446	751,470	635,477	735,078
Plant Fuel .....	427,853	450,033	426,873	401,314	399,509
Delivered to Consumers					
Residential.....	4,850,318	5,241,414	4,983,772	4,520,276	4,724,094
Commercial .....	3,031,077	3,158,244	3,214,912	2,999,491	3,048,832
Industrial.....	8,579,585	8,870,422	8,832,450	8,686,147	8,990,216
Vehicle Fuel.....	2,674	2,932	4,424	5,079	5,685
Electric Utilities.....	3,196,507	2,732,496	2,968,453	3,258,054	3,113,419
<b>Total Delivered to Consumers .....</b>	<b>19,660,161</b>	<b>20,005,508</b>	<b>20,004,012</b>	<b>19,469,047</b>	<b>19,882,247</b>
<b>Total Consumption.....</b>	<b>21,580,665</b>	<b>21,966,616</b>	<b>21,958,660</b>	<b>R21,278,888</b>	<b>21,694,489</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	45,269	49,148	61,013	105,128	225,198
Commercial .....	706,139	706,667	939,332	990,265	1,032,091
Industrial.....	6,517,352	7,151,885	7,272,947	7,339,353	7,428,945
Electric Utilities.....	2,110,284	1,871,496	1,932,394	2,152,846	2,136,894

See footnotes at end of table.

**Table 1. Summary Statistics for Natural Gas in the United States, 1995-1999 (Continued)**

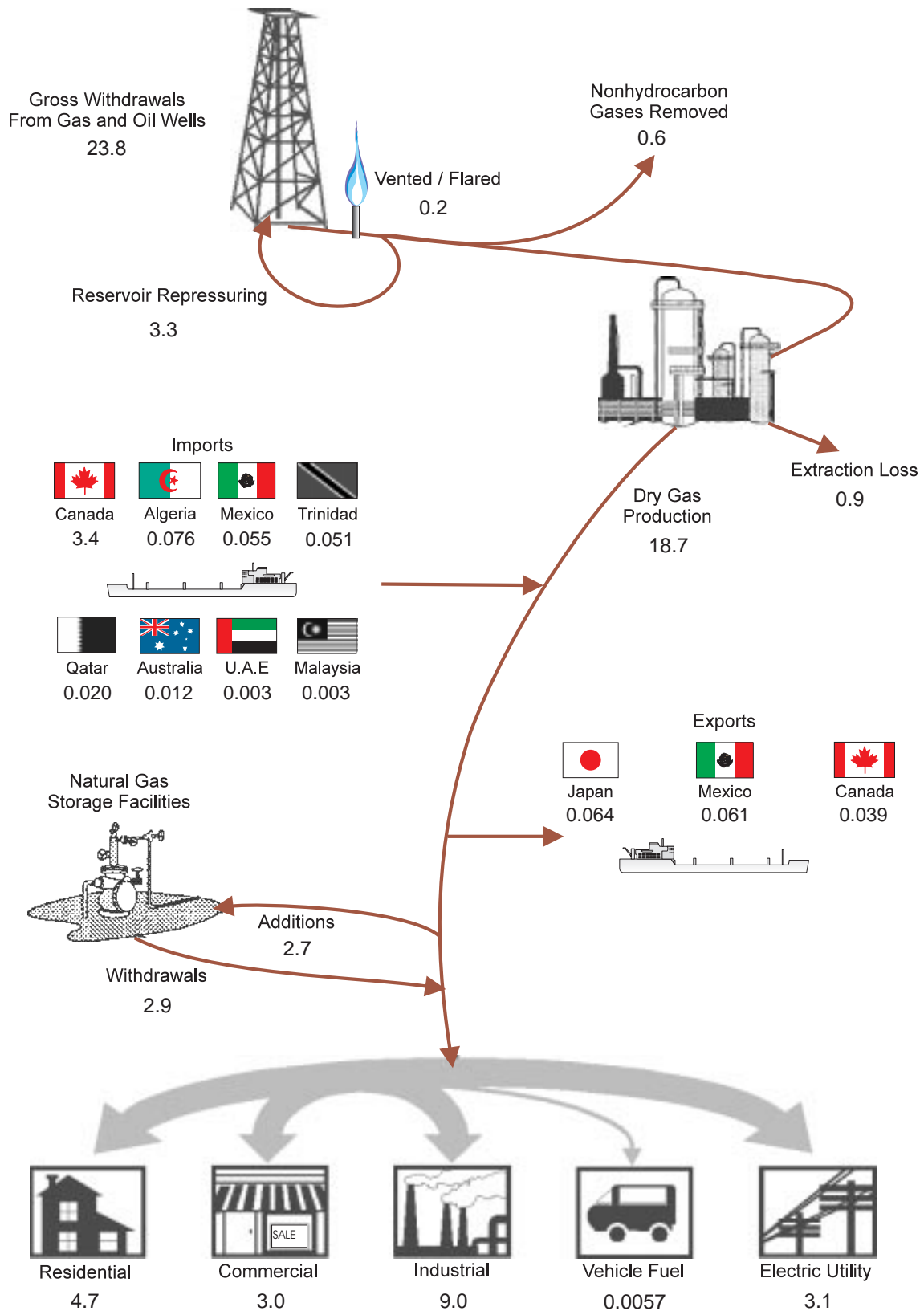
	1995	1996	1997	1998	1999
<b>Number of Consumers</b>					
Residential.....	54,322,179	55,263,673	56,186,958	57,321,746	58,200,837
Commercial .....	4,636,500	4,720,227	4,761,409	5,044,497	5,007,325
Industrial.....	209,398	206,049	238,961	231,438	230,137
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	654	669	675	595	609
Industrial.....	40,973	43,050	36,962	37,531	39,065
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.55	2.17	2.32	<sup>R</sup> 1.95	2.17
Imports .....	1.49	1.97	2.17	1.97	2.24
Exports .....	2.39	2.97	3.02	2.45	2.61
Pipeline Fuel.....	1.49	2.27	2.29	2.01	1.95
City Gate .....	2.78	3.27	3.66	3.07	3.10
<b>Delivered to Consumers</b>					
Residential.....	6.06	6.34	6.94	6.82	6.69
Commercial .....	5.05	5.40	5.80	5.48	5.33
Industrial.....	2.71	3.42	3.59	3.14	3.10
Vehicle Fuel.....	3.98	4.34	4.44	4.59	4.34
Electric Utilities.....	2.02	2.69	2.78	2.40	2.62

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

**Notes:** Beginning in 1987, prices for gas delivered to consumers are calculated using only on-system sales data. No imputations are made for prices of gas delivered for the account of others. In previous years, prices were calculated using reported values and values imputed for gas delivered for the account of others. The United States includes the 50 states and the District of Columbia. Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, *Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

**Figure 3. Natural Gas Supply and Disposition in the United States, 1999**  
(Trillion Cubic Feet)



**Table 2. Natural Gas Production, Transmission, and Consumption by State, 1999**  
(Million Cubic Feet)

State	Marketed Production	Extraction Loss	Balancing Item <sup>a</sup>	Net Interstate Movements <sup>b</sup>	Net Movements Across U.S. Borders <sup>c</sup>	Net Storage Changes <sup>c</sup>	Supplemental Gas Supplies	Consumption
Alabama	547,271	18,079	56,610	-253,049	0	-55	4	332,813
Alaska	462,967	38,412	59,086	0	-63,607	0	0	420,033
Arizona	474	0	65,122	99,504	-4,279	0	0	160,821
Arkansas	170,006	431	10,774	79,993	0	-234	0	260,576
California	382,715	10,762	-25,760	1,795,215	-3,761	-8,253	0	2,145,900
Colorado	739,085	26,423	-200,261	-199,481	0	1,502	4,526	315,944
Connecticut	0	0	-29,309	161,005	0	-66	31	131,793
D.C.	0	0	-1,398	33,635	0	0	0	32,237
Delaware	0	0	14,669	41,343	0	31	0	55,981
Florida	5,933	1,557	6,382	508,613	0	0	0	519,370
Georgia	0	0	-67,677	397,865	0	-1,403	12	331,604
Hawaii	0	0	-17	0	0	0	2,752	2,735
Idaho	0	0	8,169	-739,097	800,345	492	0	68,926
Illinois	195	55	57,445	977,570	0	2,956	2,527	1,034,725
Indiana	855	0	-25,538	587,213	0	914	5,442	567,058
Iowa	0	0	-162,029	390,907	0	-2,372	12	231,262
Kansas	553,419	48,107	11,647	-229,385	0	-15,568	0	303,142
Kentucky	76,770	2,287	-56,471	192,574	0	-2,725	3	213,313
Louisiana	5,313,794	164,794	-30,298	-3,699,296	67,362	-8,480	0	1,495,248
Maine	0	0	-570	6,597	0	15	43	6,054
Maryland	18	0	-12,612	207,457	0	556	498	194,804
Massachusetts	0	0	6,871	233,700	96,068	-2,447	134	339,219
Michigan	277,364	5,945	-98,459	1,177,341	-490,348	-32,938	20,896	913,787
Minnesota	0	0	-25,310	-632,977	998,603	565	64	339,817
Mississippi	111,021	5,462	232,694	-18,588	0	-14,502	0	334,166
Missouri	0	0	-5,142	271,677	0	567	207	266,175
Montana	61,163	435	-29,624	-782,506	805,614	-7,884	0	62,096
Nebraska	1,395	0	-85,361	205,093	0	-297	4	121,429
Nevada	8	0	22,027	129,443	0	-29	0	151,507
New Hampshire	0	0	-13,095	10,475	22,820	0	111	20,312
New Jersey	0	0	47,150	564,195	0	283	5,761	616,823
New Mexico	1,511,671	107,850	1,046	-1,173,095	0	2,289	0	229,483
New York	16,122	0	-44,292	483,771	754,484	-7,628	459	1,218,172
North Carolina	0	0	-32,546	255,366	0	1,997	21	220,844
North Dakota	52,862	5,804	-4,084	-43,203	3,416	0	53,185	56,373
Ohio	109,509	78	-99,573	819,664	0	-16,019	1,200	846,741
Oklahoma	1,570,847	88,195	-206,121	-739,067	0	6,703	0	530,761
Oregon	1,291	0	-1,987	209,999	0	661	3	208,644
Pennsylvania	174,701	879	-142,887	618,461	0	-22,528	119	672,043
Rhode Island	0	0	-2,289	86,487	0	24	1	84,176
South Carolina	0	0	17,280	141,038	0	711	18	157,625
South Dakota	1,566	0	-3,568	37,792	0	9	5	35,787
Tennessee	1,230	0	-19,475	295,768	0	-789	9	278,321
Texas	6,117,653	307,465	-82,327	-1,876,170	1,270	-5,985	17	3,858,964
Utah	262,614	11,407	-78,558	-22,170	0	-9,193	0	159,672
Vermont	0	0	888	-3,248	10,391	0	1	8,032
Virginia	72,189	0	-25,486	218,232	0	33	179	265,080
Washington	0	0	-115,105	-34,869	415,636	1,974	0	263,688
West Virginia	176,015	7,334	172,980	-236,588	0	-34,622	0	139,694
Wisconsin	0	0	8,871	365,058	0	-61	0	373,990
Wyoming	823,132	49,474	244,393	-920,258	0	1,063	0	96,730
<b>Total</b>	<b>19,595,854</b>	<b>901,235</b>	<b>-683,124</b>	<b>0</b>	<b>3,414,015</b>	<b>-170,732</b>	<b>98,247</b>	<b>21,694,489</b>

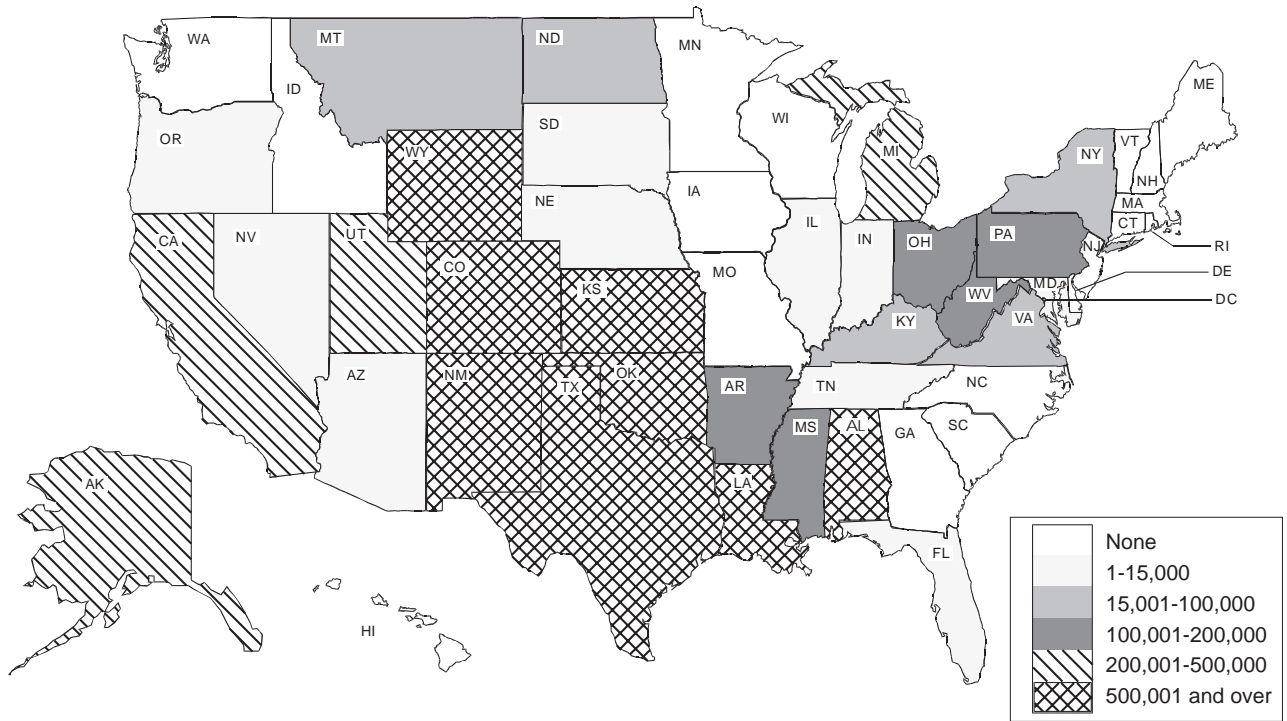
<sup>a</sup> Balancing Item volumes are equal to Total Disposition (net storage changes plus extraction loss plus consumption) minus Total Supply (marketed production plus net interstate movements plus net movements across U.S. borders plus supplemental gas supplies).

<sup>b</sup> Positive numbers denote net receipts; negative numbers denote net deliveries.  
<sup>c</sup> Negative numbers indicate withdrawals from storage in excess of additions to storage and are, therefore, additions to total supply.

**Note:** Totals may not equal sum of components due to independent rounding.  
**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; and the U.S. Minerals Management Service.

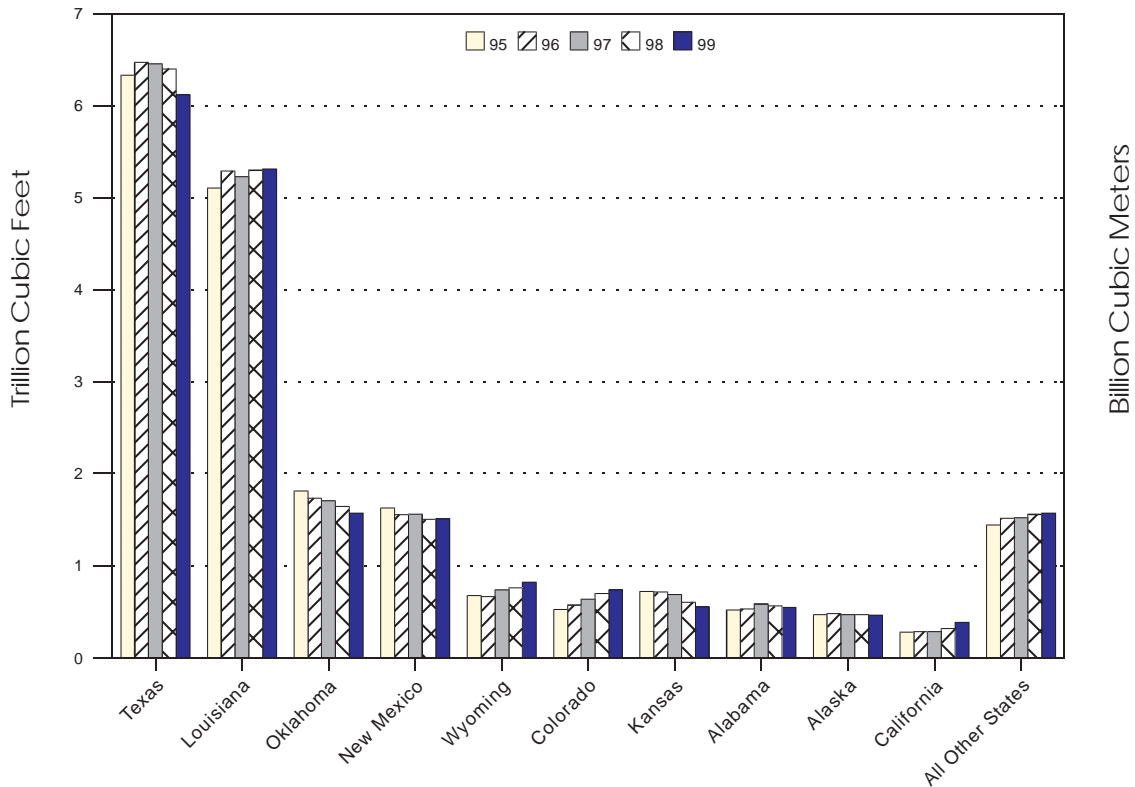
# Natural Gas Supply

**Figure 4. Marketed Production of Natural Gas in the United States, 1999**  
(Million Cubic Feet)



Sources: Energy Information Administration (EIA), Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and the United States Minerals Management Service.

**Figure 5. Marketed Production of Natural Gas in Selected States, 1995-1999**



Sources: Energy Information Administration (EIA), Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and the United States Minerals Management Service.

**Table 3. Gross Withdrawals and Marketed Production of Natural Gas by State, 1995-1999**  
(Million Cubic Feet)

Year and State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
<b>1995 Total</b> .....	17,282,032	6,461,596	23,743,628	3,565,023	388,392	283,739	19,506,474
<b>1996 Total</b> .....	17,737,334	6,376,201	24,113,536	3,510,753	<sup>a</sup> 518,425	272,117	19,812,241
<b>1997 Total</b> .....	17,844,046	6,368,631	24,212,677	3,491,542	598,691	256,351	19,866,093
<b>1998 Total</b> .....	<sup>R</sup> 17,719,241	<sup>R</sup> 6,376,965	<sup>R</sup> 24,096,206	<sup>R</sup> 3,437,062	<sup>R</sup> 615,941	<sup>R</sup> 234,472	<sup>R</sup> 19,808,731
<b>1999 Total</b> .....	<b>17,540,919</b>	<b>6,214,427</b>	<b>23,755,345</b>	<b>3,304,594</b>	<b>609,717</b>	<b>245,180</b>	<b>19,595,854</b>
<b>Alabama Total</b> .....	<b>579,057</b>	<b>7,048</b>	<b>586,105</b>	<b>13,793</b>	<b>23,956</b>	<b>1,085</b>	<b>547,271</b>
Onshore .....	200,815	7,048	207,863	13,793	14,061	782	179,227
State Offshore .....	212,673	0	212,673	0	9,895	303	202,474
Federal Offshore .....	165,570	0	165,570	0	0	0	165,570
<b>Alaska Total</b> .....	<b>177,640</b>	<b>3,184,441</b>	<b>3,362,082</b>	<b>2,892,017</b>	<b>0</b>	<b>7,098</b>	<b>462,967</b>
Onshore .....	58,738	3,177,503	3,236,241	2,892,017	0	5,418	338,806
State Offshore .....	118,902	6,938	125,841	0	0	1,680	124,161
Federal Offshore .....	0	0	0	0	0	0	0
Arizona .....	471	3	474	0	0	0	474
Arkansas .....	156,798	20,362	177,160	1,150	0	6,005	170,006
<b>California Total</b> .....	<b>89,842</b>	<b>342,372</b>	<b>432,214</b>	<b>47,924</b>	<b>208</b>	<b>1,367</b>	<b>382,715</b>
Onshore .....	87,067	260,600	347,667	15,721	208	1,367	330,370
State Offshore .....	0	6,738	6,738	238	NA	NA	6,500
Federal Offshore .....	2,775	75,034	77,809	31,965	NA	NA	45,844
Colorado .....	641,805	104,480	746,285	6,397	0	802	739,085
Florida .....	0	6,702	6,702	0	769	0	5,933
Illinois .....	189	6	195	0	0	0	195
Indiana .....	855	0	855	NA	NA	NA	855
Kansas .....	488,328	66,590	554,918	943	NA	555	553,419
Kentucky .....	76,770	0	76,770	0	0	0	76,770
<b>Louisiana Total</b> .....	<b>4,529,182</b>	<b>843,131</b>	<b>5,372,313</b>	<b>37,010</b>	<b>NA</b>	<b>21,509</b>	<b>5,313,794</b>
Onshore .....	1,339,649	94,740	1,434,389	9,370	NA	21,509	1,403,510
State Offshore .....	147,014	17,510	164,523	1,117	NA	NA	163,407
Federal Offshore .....	3,042,519	730,881	3,773,400	26,523	NA	NA	3,746,877
Maryland .....	18	0	18	0	0	0	18
Michigan .....	226,423	56,606	283,028	2,340	NA	3,324	277,364
Mississippi .....	121,004	5,750	126,755	6,286	6,703	2,745	111,021
Montana .....	54,487	7,058	61,545	65	NA	317	61,163
Nebraska .....	1,040	356	1,395	0	0	0	1,395
Nevada .....	0	8	8	0	0	0	8
New Mexico .....	1,453,917	219,900	1,673,817	9,781	149,650	2,715	1,511,671
New York .....	16,016	111	16,127	0	0	5	16,122
North Dakota .....	15,813	39,820	55,633	0	78	2,693	52,862
Ohio .....	103,541	5,968	109,509	NA	NA	NA	109,509
Oklahoma .....	1,406,917	163,930	1,570,847	NA	NA	NA	1,570,847
Oregon .....	1,555	0	1,555	50	214	0	1,291
Pennsylvania .....	174,701	0	174,701	NA	NA	NA	174,701
South Dakota .....	702	8,637	9,340	0	6,219	1,555	1,566
Tennessee .....	0	1,230	1,230	NA	NA	NA	1,230
<b>Texas Total</b> .....	<b>5,645,379</b>	<b>982,979</b>	<b>6,628,358</b>	<b>198,534</b>	<b>277,165</b>	<b>35,006</b>	<b>6,117,653</b>
Onshore .....	4,549,646	872,762	5,422,408	198,534	277,165	35,006	4,911,703
State Offshore .....	45,589	308	45,897	NA	NA	NA	45,897
Federal Offshore .....	1,050,144	109,908	1,160,053	NA	NA	NA	1,160,053
Utah .....	238,947	38,020	276,967	519	NA	13,835	262,614
Virginia .....	72,189	0	72,189	0	0	0	72,189
West Virginia .....	176,015	0	176,015	NA	NA	NA	176,015
Wyoming .....	1,091,320	108,918	1,200,238	87,784	144,756	144,566	823,132

<sup>a</sup> Nonhydrocarbon gases removed increased significantly in 1996 due to production increases in the Bravo Dome.

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

NA = Not available.

**Note:** Totals may not equal sum of components due to independent rounding.

**Sources:** Energy Information Administration (EIA), Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); and the United States Minerals Management Service.



**Table 4. Offshore Gross Withdrawals of Natural Gas by State, 1995-1999**  
(Million Cubic Feet)

Year and State	State			Federal			Total Offshore
	From Gas Wells	From Oil Wells	Total	From Gas Wells	From Oil Wells	Total	
<b>1995 Total</b> .....	460,659	28,917	489,576	4,288,219	653,870	4,942,089	5,431,665
Alabama .....	212,895	0	212,895	143,353	350	143,703	356,598
Alaska .....	105,867	7,684	113,552	0	0	0	113,552
California .....	0	5,904	5,904	7,874	46,916	54,790	60,694
Louisiana .....	79,515	14,528	94,044	2,937,666	522,437	3,460,103	3,554,147
Texas .....	62,381	801	63,181	1,199,326	84,167	1,283,493	1,346,674
<b>1996 Total</b> .....	563,746	33,493	597,239	4,558,997	687,424	5,246,422	5,843,661
Alabama .....	209,013	0	209,013	152,055	0	152,055	361,068
Alaska .....	118,996	7,055	126,051	0	0	0	126,051
California .....	0	6,309	6,309	5,508	61,276	66,784	73,092
Louisiana .....	173,114	19,414	192,527	3,166,015	523,155	3,689,170	3,881,697
Texas .....	62,624	716	63,340	1,235,419	102,993	1,338,413	1,401,753
<b>1997 Total</b> .....	559,098	31,717	590,815	4,586,352	729,162	5,315,514	5,906,329
Alabama .....	214,414	0	214,414	194,677	0	194,677	409,091
Alaska .....	115,934	7,919	123,854	0	0	0	123,854
California .....	0	7,171	7,171	4,260	69,084	73,345	80,516
Louisiana .....	164,847	16,002	180,848	3,194,743	566,210	3,760,953	3,941,802
Texas .....	63,903	625	64,528	1,192,672	93,867	1,286,539	1,351,067
<b>1998 Total</b> .....	<sup>R</sup> 577,708	<sup>R</sup> 38,117	<sup>R</sup> 615,826	<sup>R</sup> 4,407,774	<sup>R</sup> 808,950	<sup>R</sup> 5,216,723	<sup>R</sup> 5,832,549
Alabama .....	222,000	0	222,000	171,369	0	171,369	393,369
Alaska .....	125,231	7,880	133,111	0	0	0	133,111
California .....	0	6,883	6,883	3,966	71,019	74,985	81,868
Louisiana .....	170,213	22,744	192,956	<sup>R</sup> 3,133,439	<sup>R</sup> 647,898	<sup>R</sup> 3,781,337	<sup>R</sup> 3,974,293
Texas .....	<sup>R</sup> 60,264	<sup>R</sup> 611	<sup>R</sup> 60,874	<sup>R</sup> 1,099,001	90,033	<sup>R</sup> 1,189,033	<sup>R</sup> 1,249,908
<b>1999 Total</b> .....	<b>524,178</b>	<b>31,494</b>	<b>555,671</b>	<b>4,261,008</b>	<b>915,824</b>	<b>5,176,832</b>	<b>5,732,503</b>
Alabama .....	212,673	0	212,673	165,570	0	165,570	378,242
Alaska .....	118,902	6,938	125,841	0	0	0	125,841
California .....	0	6,738	6,738	2,775	75,034	77,809	84,547
Louisiana .....	147,014	17,510	164,523	3,042,519	730,881	3,773,400	3,937,923
Texas .....	45,589	308	45,897	1,050,144	109,908	1,160,053	1,205,950

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

**Notes:** For individual State and U.S. production, see Table 3. Totals may not equal sum of components due to independent rounding.

**Source:** Appropriate State agencies responses to informal data requests and the United States Minerals Management Service.

Table 5. Number of Producing Gas and Gas Condensate Wells by State as of December 31, 1995-1999

State	1995	1996	1997	1998	1999
Alabama .....	3,526	4,105	4,156	4,171	4,204
Alaska .....	100	102	141	148	99
Arizona .....	7	7	8	8	8
Arkansas .....	3,988	4,020	3,700	3,900	3,650
California .....	997	978	930	847	1,152
Colorado.....	7,017	8,251	12,433	13,838	9,678
Illinois .....	372	370	372	185	300
Indiana .....	1,347	1,367	1,458	1,479	1,498
Kansas .....	22,020	21,388	21,500	21,000	17,568
Kentucky .....	13,311	13,501	13,825	<sup>R</sup> 14,381	14,750
Louisiana.....	14,169	15,295	14,958	18,399	16,717
Maryland .....	7	8	8	8	8
Michigan .....	5,258	5,826	6,825	7,000	6,750
Mississippi.....	535	568	560	527	560
Missouri <sup>a</sup> .....	15	24	0	0	0
Montana .....	2,918	2,990	3,071	3,423	3,634
Nebraska.....	87	88	91	95	96
Nevada.....	0	5	5	4	4
New Mexico.....	23,510	24,134	27,421	28,200	26,007
New York.....	6,134	6,208	5,731	5,903	6,422
North Dakota.....	99	108	104	99	96
Ohio.....	34,520	34,380	34,238	34,098	33,982
Oklahoma.....	29,733	29,733	29,734	30,101	30,978
Oregon .....	17	18	17	15	19
Pennsylvania.....	31,025	31,792	32,692	21,576	23,822
South Dakota .....	56	61	60	59	60
Tennessee .....	0	0	505	460	420
Texas.....	54,635	53,816	56,747	58,736	58,712
Utah.....	1,127	1,339	1,475	1,643	1,978
Virginia .....	1,671	1,671	2,046	2,388	2,752
West Virginia.....	36,144	35,148	31,000	39,072	36,575
Wyoming .....	4,196	4,510	5,160	5,166	4,950
<b>Total.....</b>	<b>298,541</b>	<b>301,811</b>	<b>310,971</b>	<b><sup>R</sup>316,929</b>	<b>307,449</b>

<sup>a</sup> No wells currently in production.

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

**Sources:** Energy Information Administration (EIA), Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); the United States Minerals Management Services (MMS), and *World Oil Magazine*.

Table 6. Wellhead Value and Marketed Production of Natural Gas by State, 1995-1999

Year and State	Reported Wellhead Value		Average Wellhead Price (dollars per thousand cubic feet)	Marketed Production (million cubic feet)	Imputed Wellhead Value of Marketed Production <sup>b</sup> (thousand dollars)
	Volume <sup>a</sup> (million cubic feet)	Value (thousand dollars)			
<b>1995 Total</b> .....	15,557,464	—	1.55	19,506,474	30,159,545
<b>1996 Total</b> .....	14,822,258	—	2.17	19,812,241	42,951,353
<b>1997 Total</b> .....	17,105,855	—	2.32	19,866,093	46,131,323
<b>1998 Total</b> .....	17,653,795	—	<sup>R</sup> 1.95	<sup>R</sup> 19,808,731	<sup>R</sup> 38,609,198
<b>1999 Total</b> .....	<b>18,595,208</b>	—	<b>2.17</b>	<b>19,595,854</b>	<b>42,538,288</b>
Alabama .....	547,271	1,262,507	2.31	547,271	1,262,505
Alaska .....	186,727	256,216	1.37	462,967	635,255
Arizona .....	439	915	2.08	474	987
Arkansas <sup>c</sup> .....	54,382	222,852	4.10	170,006	696,670
California .....	382,715	904,530	2.36	382,715	904,531
Colorado <sup>c</sup> .....	749,085	1,455,343	1.94	739,085	1,435,917
Florida .....	NA	NA	—	5,933	0
Illinois .....	NA	NA	—	195	0
Indiana .....	855	1,872	2.19	855	1,872
Kansas .....	553,419	997,523	1.80	553,419	997,522
Kentucky .....	76,770	158,970	2.07	76,770	158,970
Louisiana .....	5,339,757	11,705,891	2.19	5,313,794	11,648,952
Maryland .....	18	48	2.73	18	48
Michigan .....	277,364	491,223	1.77	277,364	491,223
Mississippi.....	83,232	135,864	1.63	111,021	181,223
Montana .....	55,780	93,971	1.68	61,163	103,039
Nebraska.....	1,049	1,427	1.36	1,395	1,897
Nevada <sup>d</sup> .....	0	0	—	8	0
New Mexico.....	1,511,671	3,190,758	2.11	1,511,671	3,190,759
New York.....	15,426	33,388	2.16	16,122	34,896
North Dakota .....	52,862	122,622	2.32	52,862	122,622
Ohio.....	109,509	345,800	3.16	109,509	345,800
Oklahoma.....	1,577,961	3,237,398	2.05	1,570,847	3,222,798
Oregon .....	1,291	3,247	2.52	1,291	3,247
Pennsylvania.....	NA	NA	—	174,701	0
South Dakota .....	702	1,496	2.13	1,566	3,336
Tennessee .....	1,230	2,800	2.28	1,230	2,800
Texas.....	5,741,904	13,239,284	2.31	6,117,653	14,105,656
Utah.....	194,413	374,375	1.93	262,614	505,707
Virginia .....	NA	NA	—	72,189	0
West Virginia.....	NA	NA	—	176,015	0
Wyoming .....	1,079,375	2,125,841	1.97	823,132	1,621,167

<sup>a</sup> Quantity of production associated with reported wellhead value. A number of States reported values associated with quantities other than marketed production.

<sup>b</sup> Average wellhead price times marketed production does not equal imputed value of marketed production due to independent rounding.

<sup>c</sup> Quantity and value data obtained from Energy Information Administration Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

<sup>d</sup> All of Nevada's marketed production was consumed as lease fuel.

<sup>R</sup> = Revised data.  
NA = Not available.  
— = Not applicable.

**Note:** Totals may not equal sum of components due to independent rounding.

**Sources:** Energy Information Administration (EIA), Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); and the United States Minerals Management Service.

Table 7. Natural Gas Processed, Liquids Extracted, and Estimated Extraction Loss by State, 1999

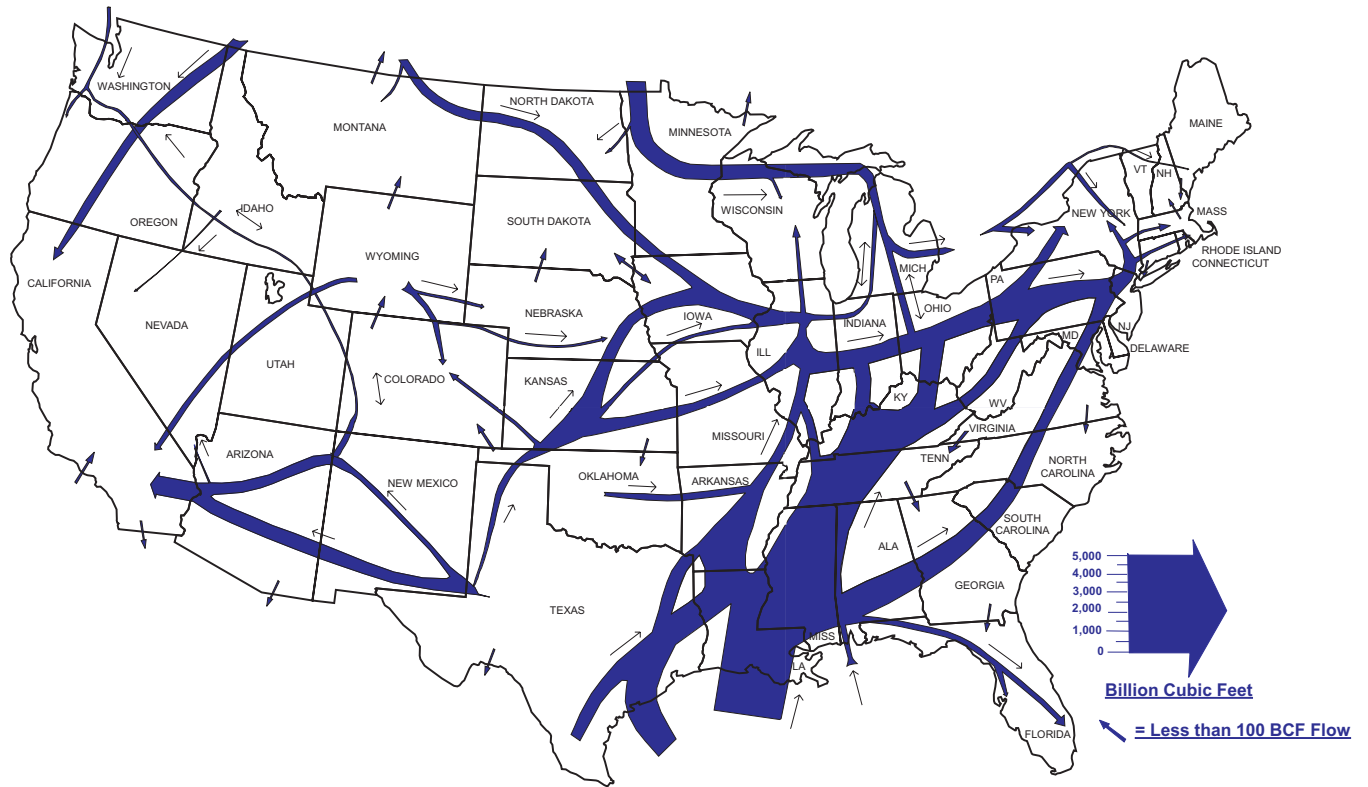
Plant Location	Natural Gas Processed (million cubic feet)	Total Liquids Extracted (thousand barrels)	Extraction Loss	
			Volume (million cubic feet)	Estimated Heat Content (billion Btu)
Alabama .....	309,492	12,586	18,079	46,547
Alaska .....	2,950,502	32,297	38,412	143,184
Arkansas .....	179,524	355	431	1,517
California .....	259,518	8,848	10,762	36,802
Colorado.....	444,978	19,047	26,423	71,077
Florida .....	8,439	1,594	1,557	5,985
Illinois .....	358	43	55	187
Kansas .....	653,515	34,455	48,107	130,462
Kentucky .....	44,064	1,691	2,287	6,660
Louisiana.....	4,687,261	114,826	164,794	432,145
Michigan.....	67,514	4,315	5,945	16,491
Mississippi.....	135,773	4,149	5,462	15,850
Montana .....	5,211	337	435	1,387
New Mexico.....	873,801	74,570	107,850	270,688
North Dakota.....	52,191	4,462	5,804	18,558
Ohio.....	2,933	61	78	259
Oklahoma.....	892,396	65,212	88,195	238,693
Pennsylvania.....	11,261	674	879	2,766
Texas .....	3,903,351	257,661	307,465	953,768
Utah.....	211,514	7,974	11,407	30,352
West Virginia.....	66,388	5,112	7,334	19,198
Wyoming.....	902,889	36,593	49,474	138,116
<b>Total.....</b>	<b>16,662,873</b>	<b>686,862</b>	<b>901,235</b>	<b>2,580,690</b>

**Note:** Totals may not equal sum of components due to independent rounding.  
**Sources:** Natural Gas Processed, Total Liquids Extracted, and Extraction Loss Volume: Energy Information Administration (EIA), Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production." Estimated Heat Content of Extraction Loss: Estimated, assuming the makeup to total liquids production as reported on Form EIA-64A for each State was proportional to the components and products ultimately

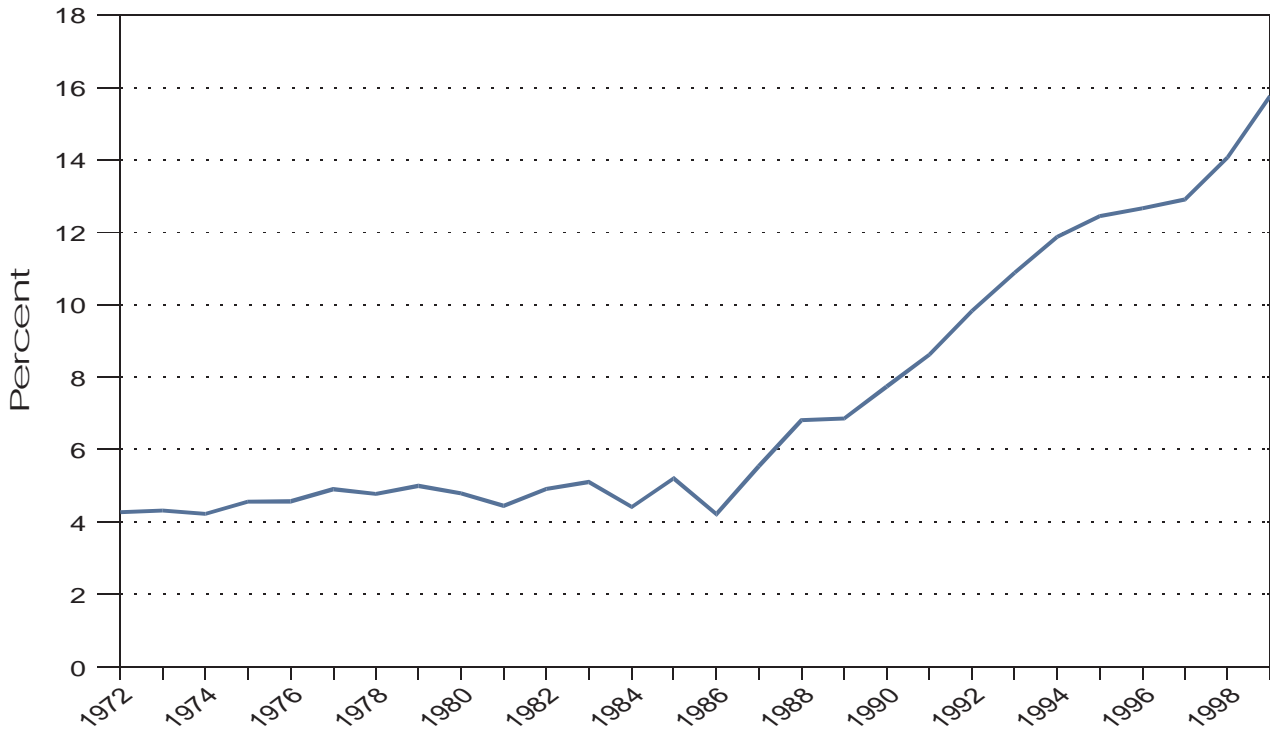
separated in the States as reported on the 12 monthly reports on Energy Information Administration, Form EIA-816, "Monthly Natural Gas Liquids Report," and applying the following conversion factors to the individual component and product production estimates (million Btu extraction loss per barrel of liquid produced): ethane, 3.082; propane, 3.836; normal butane, 4.326; isobutane, 3.974; pentanes plus, 4.620.

# **Natural Gas Transmission**

Figure 6. Principal Interstate Natural Gas Flow Summary, 1999



**Figure 7. Net Imports as a Percentage of Total Consumption of Natural Gas, 1972-1999**



**Sources:** 1972-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration (EIA), Energy Data Reports, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production 1979*. 1980-1989: EIA, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-759, "Monthly Power Plant Report"; and Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas"; 1990: EIA, Form EIA-176, Form EIA-759, Form FPC-14, and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; 1991-1994: EIA, Form EIA-176, Form EIA-759, Form FPC-14, Form EIA-64A, and Form EIA-627, "Annual Quantity and Value of Natural Gas Report"; 1995: EIA, Form EIA-176, Form EIA-759, Form EIA-64A, Form EIA-627, and Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*; 1996 through 1999: EIA, Form EIA-176, Form EIA-759, Form EIA-64A, Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and Office of Fossil Energy.

**Table 8. Interstate Movements and Movements Across U.S. Borders of Natural Gas by State, 1999**  
(Million Cubic Feet)

State	State or Country From/To	Volume		
		Receipts/ Imports From	Deliveries/ Exports To	Net <sup>a</sup>
Alabama	Florida .....	0	494,657	-494,657
	Georgia .....	0	1,631,329	-1,631,329
	Mississippi.....	2,865,222	0	2,865,222
	Tennessee .....	402	992,686	-992,284
	Texas .....	0	<sup>b</sup> <sub>1</sub>	-1
	<b>Total .....</b>	<b>2,865,624</b>	<b>3,118,673</b>	<b>-253,049</b>
Alaska	Japan .....	0	63,607	-63,607
	<b>Total .....</b>	<b>0</b>	<b>63,607</b>	<b>-63,607</b>
Arizona	California.....	0	941,488	-941,488
	Mexico.....	0	4,279	-4,279
	Nevada.....	0	35,553	-35,553
	New Mexico .....	1,076,545	0	1,076,545
	<b>Total .....</b>	<b>1,076,545</b>	<b>981,320</b>	<b>95,225</b>
Arkansas	Louisiana.....	1,774,877	157,908	1,616,969
	Mississippi.....	0	1,708,079	-1,708,079
	Missouri.....	4,092	579,954	-575,862
	Oklahoma.....	347,028	88	346,940
	Texas .....	403,378	3,353	400,025
	<b>Total .....</b>	<b>2,529,375</b>	<b>2,449,383</b>	<b>79,993</b>
California	Arizona.....	941,488	0	941,488
	Mexico.....	0	3,761	-3,761
	Nevada.....	225,138	0	225,138
	Oregon.....	628,589	0	628,589
	<b>Total .....</b>	<b>1,795,215</b>	<b>3,761</b>	<b>1,791,454</b>
Colorado	Kansas .....	0	105,402	-105,402
	Nebraska.....	190,562	216,008	-25,445
	New Mexico .....	0	271,192	-271,192
	Oklahoma.....	0	63,453	-63,453
	Utah .....	64,845	12,911	51,935
	Wyoming .....	466,712	252,636	214,076
	<b>Total .....</b>	<b>722,120</b>	<b>921,601</b>	<b>-199,481</b>
Connecticut	Massachusetts.....	3,465	0	3,465
	New York .....	380,133	96,710	283,423
	Rhode Island.....	0	125,883	-125,883
	<b>Total .....</b>	<b>383,598</b>	<b>222,593</b>	<b>161,005</b>
Delaware	Maryland.....	0	3,666	-3,666
	Pennsylvania.....	45,009	0	45,009
	<b>Total .....</b>	<b>45,009</b>	<b>3,666</b>	<b>41,343</b>
District of Columbia	Maryland .....	4,097	0	4,097
	Virginia .....	29,538	0	29,538
	<b>Total .....</b>	<b>33,635</b>	<b>0</b>	<b>33,635</b>
Florida	Alabama.....	494,657	0	494,657

See footnotes at end of table.



**Table 8. Interstate Movements and Movements Across U.S. Borders of Natural Gas by State, 1999**  
**(Continued)**  
(Million Cubic Feet)

State	State or Country From/To	Volume		
		Receipts/ Imports From	Deliveries/ Exports To	Net <sup>a</sup>
	Georgia .....	13,955	0	13,955
	<b>Total .....</b>	<b>508,613</b>	<b>0</b>	<b>508,613</b>
Georgia	Alabama .....	1,631,329	0	1,631,329
	Florida .....	0	13,955	-13,955
	South Carolina .....	0	1,210,330	-1,210,330
	Tennessee .....	0	9,179	-9,179
	<b>Total .....</b>	<b>1,631,329</b>	<b>1,233,464</b>	<b>397,865</b>
Idaho	Canada .....	800,345	0	800,345
	Nevada .....	0	40,727	-40,727
	Oregon .....	0	685	-685
	Utah .....	147	0	147
	Washington .....	20	803,053	-803,034
	Wyoming .....	105,201	0	105,201
	<b>Total .....</b>	<b>905,713</b>	<b>844,465</b>	<b>61,248</b>
Illinois	Indiana .....	29,497	1,144,055	-1,114,558
	Iowa .....	946,331	23,115	923,216
	Kentucky .....	416,682	0	416,682
	Missouri .....	850,653	0	850,653
	Wisconsin .....	59,485	157,907	-98,423
	<b>Total .....</b>	<b>2,302,647</b>	<b>1,325,077</b>	<b>977,570</b>
Indiana	Illinois .....	1,144,055	29,497	1,114,558
	Kentucky .....	734,463	0	734,463
	Michigan .....	70,588	440,529	-369,941
	Ohio .....	8,486	900,354	-891,868
	<b>Total .....</b>	<b>1,957,592</b>	<b>1,370,379</b>	<b>587,213</b>
Iowa	Illinois .....	23,115	946,331	-923,216
	Minnesota .....	758,414	204,975	553,440
	Missouri .....	224,184	0	224,184
	Nebraska .....	536,276	0	536,276
	South Dakota .....	222	0	222
	<b>Total .....</b>	<b>1,542,212</b>	<b>1,151,305</b>	<b>390,907</b>
Kansas	Colorado .....	105,402	0	105,402
	Missouri .....	0	523,796	-523,796
	Nebraska .....	60,663	740,834	-680,171
	Oklahoma .....	896,506	27,325	869,180
	<b>Total .....</b>	<b>1,062,570</b>	<b>1,291,955</b>	<b>-229,385</b>
Kentucky	Illinois .....	0	416,682	-416,682
	Indiana .....	0	734,463	-734,463
	Ohio .....	3,678	1,070,886	-1,067,208
	Tennessee .....	3,068,413	112	3,068,302
	West Virginia .....	0	657,374	-657,374
	<b>Total .....</b>	<b>3,072,091</b>	<b>2,879,517</b>	<b>192,574</b>
Louisiana	Algeria .....	<sup>c</sup> 33,029	0	33,029
	Arkansas .....	157,908	1,774,877	-1,616,969
	Australia .....	<sup>g</sup> 9,347	0	9,347
	Malaysia .....	<sup>2</sup> 2,576	0	2,576
	Mississippi .....	181	3,493,998	-3,493,818
	Qatar .....	<sup>c</sup> 19,697	0	19,697
	Texas .....	1,426,222	14,732	1,411,490

See footnotes at end of table.

**Table 8. Interstate Movements and Movements Across U.S. Borders of Natural Gas by State, 1999**  
**(Continued)**  
 (Million Cubic Feet)

State	State or Country From/To	Volume		
		Receipts/ Imports From	Deliveries/ Exports To	Net <sup>a</sup>
	United Arab Emirates.....	°2,713	0	2,713
	<b>Total .....</b>	<b>1,651,673</b>	<b>5,283,607</b>	<b>-3,631,934</b>
Maine	New Hampshire .....	6,597	0	6,597
	<b>Total .....</b>	<b>6,597</b>	<b>0</b>	<b>6,597</b>
Maryland	Delaware.....	3,666	0	3,666
	District of Columbia.....	0	4,097	-4,097
	Pennsylvania.....	52,781	775,329	-722,547
	Virginia.....	953,660	23,224	930,436
	<b>Total .....</b>	<b>1,010,107</b>	<b>802,650</b>	<b>207,457</b>
Massachusetts	Algeria.....	°42,734	0	42,734
	Australia.....	°2,557	0	2,557
	Connecticut.....	0	3,465	-3,465
	New Hampshire.....	0	13,824	-13,824
	New York.....	211,593	0	211,593
	Rhode Island.....	84,335	44,940	39,396
	Trinidad.....	°50,777	0	50,777
	<b>Total .....</b>	<b>391,996</b>	<b>62,228</b>	<b>329,768</b>
Michigan	Canada.....	41,194	531,542	-490,348
	Indiana.....	440,529	70,588	369,941
	Ohio.....	180,430	2,581	177,849
	Wisconsin.....	763,497	133,946	629,551
	<b>Total .....</b>	<b>1,425,650</b>	<b>738,657</b>	<b>686,993</b>
Minnesota	Canada.....	998,603	0	998,603
	Iowa.....	204,975	758,414	-553,440
	North Dakota.....	0	9,988	-9,988
	South Dakota.....	826,638	0	826,638
	Wisconsin.....	1,142	897,329	-896,187
	<b>Total .....</b>	<b>2,031,358</b>	<b>1,665,731</b>	<b>365,626</b>
Mississippi	Alabama.....	0	2,865,222	-2,865,222
	Arkansas.....	1,708,079	0	1,708,079
	Louisiana.....	3,493,998	181	3,493,818
	Tennessee.....	1,169	2,356,432	-2,355,263
	<b>Total .....</b>	<b>5,203,246</b>	<b>5,221,834</b>	<b>-18,588</b>
Missouri	Arkansas.....	579,954	4,092	575,862
	Illinois.....	0	850,653	-850,653
	Iowa.....	0	224,184	-224,184
	Kansas.....	523,796	0	523,796
	Nebraska.....	228,059	0	228,059
	Oklahoma.....	18,797	0	18,797
	<b>Total .....</b>	<b>1,350,606</b>	<b>1,078,929</b>	<b>271,677</b>
Montana	Canada.....	807,124	1,510	805,614
	North Dakota.....	6,243	796,331	-790,088
	South Dakota.....	0	9,786	-9,786
	Wyoming.....	17,628	259	17,369
	<b>Total .....</b>	<b>830,995</b>	<b>807,887</b>	<b>23,108</b>

See footnotes at end of table.

**Table 8. Interstate Movements and Movements Across U.S. Borders of Natural Gas by State, 1999**  
**(Continued)**  
 (Million Cubic Feet)

State	State or Country From/To	Volume		
		Receipts/ Imports From	Deliveries/ Exports To	Net <sup>a</sup>
Nebraska				
	Colorado .....	216,008	190,562	25,445
	Iowa .....	0	536,276	-536,276
	Kansas .....	740,834	60,663	680,171
	Missouri .....	0	228,059	-228,059
	South Dakota .....	0	11,817	-11,817
	Wyoming .....	275,629	0	275,629
	<b>Total .....</b>	<b>1,232,471</b>	<b>1,027,378</b>	<b>205,093</b>
Nevada				
	Arizona .....	35,553	0	35,553
	California .....	0	225,138	-225,138
	Idaho .....	40,727	0	40,727
	Utah .....	278,302	0	278,302
	<b>Total .....</b>	<b>354,582</b>	<b>225,138</b>	<b>129,443</b>
New Hampshire				
	Canada .....	22,820	0	22,820
	Maine .....	0	6,597	-6,597
	Massachusetts .....	13,824	0	13,824
	Vermont .....	3,248	0	3,248
	<b>Total .....</b>	<b>39,892</b>	<b>6,597</b>	<b>33,295</b>
New Jersey				
	New York .....	0	793,190	-793,190
	Pennsylvania .....	1,357,384	0	1,357,384
	<b>Total .....</b>	<b>1,357,384</b>	<b>793,190</b>	<b>564,195</b>
New Mexico				
	Arizona .....	0	1,076,545	-1,076,545
	Colorado .....	271,192	0	271,192
	Texas .....	5,104	372,845	-367,741
	<b>Total .....</b>	<b>276,296</b>	<b>1,449,390</b>	<b>-1,173,095</b>
New York				
	Canada .....	754,484	0	754,484
	Connecticut .....	96,710	380,133	-283,423
	Massachusetts .....	0	211,593	-211,593
	New Jersey .....	793,190	0	793,190
	Pennsylvania .....	284,017	98,420	185,597
	<b>Total .....</b>	<b>1,928,401</b>	<b>690,146</b>	<b>1,238,255</b>
North Carolina				
	South Carolina .....	1,069,291	0	1,069,291
	Virginia .....	4,667	818,593	-813,926
	<b>Total .....</b>	<b>1,073,958</b>	<b>818,593</b>	<b>255,366</b>
North Dakota				
	Canada .....	3,416	0	3,416
	Minnesota .....	9,988	0	9,988
	Montana .....	796,331	6,243	790,088
	South Dakota .....	1,782	845,062	-843,280
	<b>Total .....</b>	<b>811,518</b>	<b>851,305</b>	<b>-39,787</b>
Ohio				
	Indiana .....	900,354	8,486	891,868
	Kentucky .....	1,070,886	3,678	1,067,208
	Michigan .....	2,581	180,430	-177,849
	Pennsylvania .....	20,123	400,200	-380,077
	West Virginia .....	219,704	801,191	-581,487
	<b>Total .....</b>	<b>2,213,648</b>	<b>1,393,984</b>	<b>819,664</b>

See footnotes at end of table.

**Table 8. Interstate Movements and Movements Across U.S. Borders of Natural Gas by State, 1999**  
**(Continued)**  
 (Million Cubic Feet)

State	State or Country From/To	Volume		
		Receipts/ Imports From	Deliveries/ Exports To	Net <sup>a</sup>
Oklahoma				
	Arkansas .....	88	347,028	-346,940
	Colorado .....	63,453	0	63,453
	Kansas .....	27,325	896,506	-869,180
	Missouri.....	0	18,797	-18,797
	Texas .....	539,403	107,006	432,397
	<b>Total .....</b>	<b>630,269</b>	<b>1,369,337</b>	<b>-739,067</b>
Oregon				
	California.....	0	628,589	-628,589
	Idaho .....	685	0	685
	Washington .....	837,922	20	837,902
	<b>Total .....</b>	<b>838,607</b>	<b>628,608</b>	<b>209,999</b>
Pennsylvania				
	Delaware.....	0	45,009	-45,009
	Maryland.....	775,329	52,781	722,547
	New Jersey .....	0	1,357,384	-1,357,384
	New York .....	98,420	284,017	-185,597
	Ohio .....	400,200	20,123	380,077
	West Virginia.....	1,112,381	8,555	1,103,826
	<b>Total .....</b>	<b>2,386,329</b>	<b>1,767,868</b>	<b>618,461</b>
Rhode Island				
	Connecticut.....	125,883	0	125,883
	Massachusetts.....	44,940	84,335	-39,396
	<b>Total .....</b>	<b>170,823</b>	<b>84,335</b>	<b>86,487</b>
South Carolina				
	Georgia .....	1,210,330	0	1,210,330
	North Carolina.....	0	1,069,291	-1,069,291
	<b>Total .....</b>	<b>1,210,330</b>	<b>1,069,291</b>	<b>141,038</b>
South Dakota				
	Iowa .....	0	222	-222
	Minnesota .....	0	826,638	-826,638
	Montana .....	9,786	0	9,786
	Nebraska.....	11,817	0	11,817
	North Dakota.....	845,062	1,782	843,280
	Wyoming.....	0	232	-232
	<b>Total .....</b>	<b>866,666</b>	<b>828,874</b>	<b>37,792</b>
Tennessee				
	Alabama.....	992,686	402	992,284
	Georgia .....	9,179	0	9,179
	Kentucky .....	112	3,068,413	-3,068,302
	Mississippi.....	2,356,432	1,169	2,355,263
	Virginia.....	7,769	426	7,343
	<b>Total .....</b>	<b>3,366,178</b>	<b>3,070,410</b>	<b>295,768</b>
Texas				
	Alabama.....	b <sub>1</sub>	0	1
	Arkansas.....	3,353	403,378	-400,025
	Louisiana.....	14,732	1,426,222	-1,411,490
	Mexico.....	54,530	53,260	1,270
	New Mexico .....	372,845	5,104	367,741
	Oklahoma.....	107,006	539,403	-432,397
	<b>Total .....</b>	<b>552,467</b>	<b>2,427,367</b>	<b>-1,874,900</b>
Utah				
	Colorado .....	12,911	64,845	-51,935
	Idaho .....	0	147	-147
	Nevada.....	0	278,302	-278,302

See footnotes at end of table.

**Table 8. Interstate Movements and Movements Across U.S. Borders of Natural Gas by State, 1999**  
**(Continued)**  
 (Million Cubic Feet)

State	State or Country From/To	Volume		
		Receipts/ Imports From	Deliveries/ Exports To	Net <sup>a</sup>
	Wyoming .....	346,335	38,121	308,214
	<b>Total</b> .....	<b>359,246</b>	<b>381,416</b>	<b>-22,170</b>
Vermont	Canada .....	10,391	0	10,391
	New Hampshire .....	0	3,248	-3,248
	<b>Total</b> .....	<b>10,391</b>	<b>3,248</b>	<b>7,143</b>
Virginia	District of Columbia .....	0	29,538	-29,538
	Maryland .....	23,224	953,660	-930,436
	North Carolina .....	818,593	4,667	813,926
	Tennessee .....	426	7,769	-7,343
	West Virginia .....	373,123	1,500	371,623
	<b>Total</b> .....	<b>1,215,366</b>	<b>997,134</b>	<b>218,232</b>
Washington	Canada .....	415,636	0	415,636
	Idaho .....	803,053	20	803,034
	Oregon .....	20	837,922	-837,902
	<b>Total</b> .....	<b>1,218,709</b>	<b>837,942</b>	<b>380,767</b>
West Virginia	Kentucky .....	657,374	0	657,374
	Ohio .....	801,191	219,704	581,487
	Pennsylvania .....	8,555	1,112,381	-1,103,826
	Virginia .....	1,500	373,123	-371,623
	<b>Total</b> .....	<b>1,468,619</b>	<b>1,705,207</b>	<b>-236,588</b>
Wisconsin	Illinois .....	157,907	59,485	98,423
	Michigan .....	133,946	763,497	-629,551
	Minnesota .....	897,329	1,142	896,187
	<b>Total</b> .....	<b>1,189,182</b>	<b>824,124</b>	<b>365,058</b>
Wyoming	Colorado .....	252,636	466,712	-214,076
	Idaho .....	0	105,201	-105,201
	Montana .....	259	17,628	-17,369
	Nebraska .....	0	275,629	-275,629
	South Dakota .....	232	0	232
	Utah .....	38,121	346,335	-308,214
	<b>Total</b> .....	<b>291,248</b>	<b>1,211,506</b>	<b>-920,258</b>
	<b>Total Natural Gas Movements</b> .....	<b>61,398,694</b>	<b>57,984,679</b>	<b>3,414,015</b>
	<b>Movements Across U.S. Borders</b> .....	<sup>d</sup> <b>4,071,973</b>	<sup>e</sup> <b>657,959</b>	<b>3,414,015</b>
	<b>U.S. Interstate Movements</b> .....	<b>57,326,720</b>	<b>57,326,720</b>	<b>0</b>

<sup>a</sup> Positive numbers denote net receipts; negative numbers denote net deliveries.  
<sup>b</sup> Natural gas transported by truck either as liquefied natural gas (LNG) or compressed natural gas (CNG).

<sup>c</sup> LNG transported by ship.

<sup>d</sup> Volumes include 3,585,505 million cubic feet of imports from Mexico, Algeria, United Arab Emirates, Malaysia, Qatar, Trinidad, Australia, and Canada, and 486,468 million cubic feet of intransit receipts from Canada.

<sup>e</sup> Volumes include 163,415 million cubic feet of exports to Japan, Mexico, and Canada, and 494,544 million cubic feet of intransit natural gas deliveries to Canada.

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."



### Interstate Movements of Natural Gas in the United States, 1999 (Volumes Reported in Million Cubic Feet)

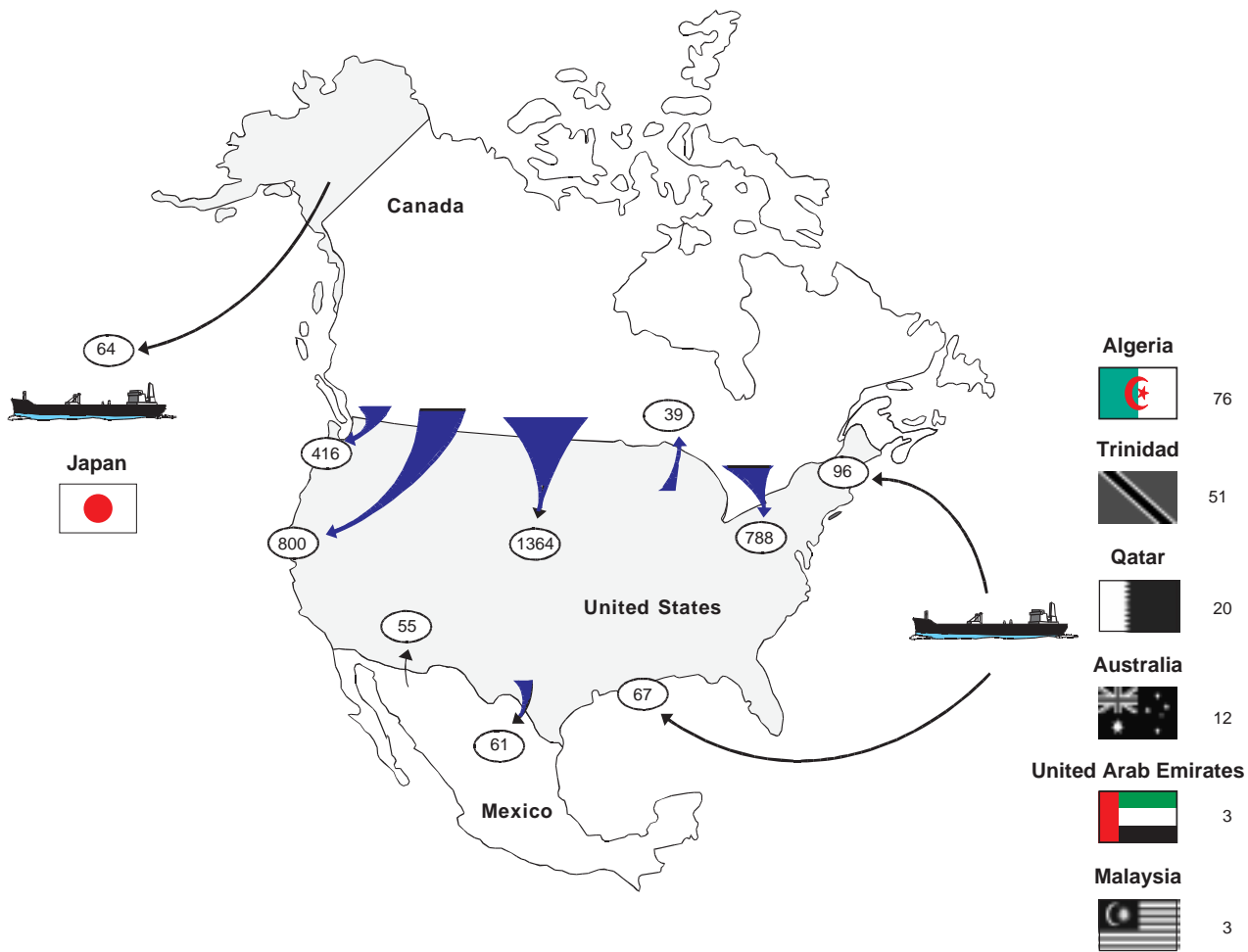


Supplemental Data					
From	Volume	To	From	Volume	To
(T) AL	1	TX	MA	13,824	NH
CT	125,883	RI	MD	4,097	DC
DE	3,666	MD	RI	39,396	MA
MA	3,465	CT	VA	29,538	DC

(T) Trucked

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 8. Flow of Natural Gas Imports and Exports, 1999**  
(Billion Cubic Feet)



Source: Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*.

Table 9. Summary of U.S. Natural Gas Imports and Exports, 1995-1999

	1995	1996	1997	1998	1999
<b>Imports</b>					
Volume (million cubic feet)					
<b>Pipeline</b>					
Canada.....	2,816,408	2,883,277	2,899,152	3,052,073	3,367,545
Mexico.....	6,722	13,862	17,243	14,532	54,530
<b>Total Pipeline Imports.....</b>	<b>2,823,130</b>	<b>2,897,138</b>	<b>2,916,394</b>	<b>3,066,605</b>	<b>3,422,075</b>
<b>LNG</b>					
Algeria.....	17,918	35,325	65,675	68,567	75,763
Australia.....	0	0	9,686	11,634	11,904
Malaysia.....	0	0	0	0	2,576
Qatar.....	0	0	0	0	19,697
Trinidad.....	0	0	0	0	50,777
United Arab Emirates.....	0	4,949	2,417	5,252	2,713
<b>Total LNG Imports.....</b>	<b>17,918</b>	<b>40,274</b>	<b>77,778</b>	<b>85,453</b>	<b>163,430</b>
<b>Total Imports.....</b>	<b>2,841,048</b>	<b>2,937,413</b>	<b>2,994,173</b>	<b>3,152,058</b>	<b>3,585,505</b>
Average Price (dollars per thousand cubic feet)					
<b>Pipeline</b>					
Canada.....	1.48	1.96	2.15	1.95	2.23
Mexico.....	1.53	2.25	2.31	2.03	2.14
<b>Total Pipeline Imports.....</b>	<b>1.48</b>	<b>1.96</b>	<b>2.15</b>	<b>1.95</b>	<b>2.23</b>
<b>LNG</b>					
Algeria.....	2.30	2.70	2.67	2.51	2.41
Australia.....	—	—	2.92	3.30	2.70
Malaysia.....	—	—	—	—	2.36
Qatar.....	—	—	—	—	2.71
Trinidad.....	—	—	—	—	2.39
United Arab Emirates.....	—	3.46	3.74	2.63	3.03
<b>Total LNG Imports.....</b>	<b>2.30</b>	<b>2.80</b>	<b>2.74</b>	<b>2.63</b>	<b>2.47</b>
<b>Total Imports.....</b>	<b>1.49</b>	<b>1.97</b>	<b>2.17</b>	<b>1.97</b>	<b>2.24</b>
<b>Exports</b>					
Volume (million cubic feet)					
<b>Pipeline</b>					
Canada.....	27,554	51,905	56,447	39,891	38,508
Mexico.....	61,283	33,840	38,372	53,133	61,025
<b>Total Pipeline Exports.....</b>	<b>88,836</b>	<b>85,745</b>	<b>94,818</b>	<b>93,023</b>	<b>99,533</b>
<b>LNG</b>					
Japan.....	65,283	67,648	62,187	65,951	63,607
Mexico.....	0	0	0	33	275
<b>Total LNG Exports.....</b>	<b>65,283</b>	<b>67,648</b>	<b>62,187</b>	<b>65,984</b>	<b>63,882</b>
<b>Total Exports.....</b>	<b>154,119</b>	<b>153,393</b>	<b>157,006</b>	<b>159,007</b>	<b>163,415</b>
Average Price (dollars per thousand cubic feet)					
<b>Pipeline</b>					
Canada.....	1.96	2.67	2.52	2.25	2.35
Mexico.....	1.50	2.11	2.46	2.04	2.27
<b>Total Pipeline Exports.....</b>	<b>1.64</b>	<b>2.45</b>	<b>2.49</b>	<b>2.13</b>	<b>2.30</b>
<b>LNG</b>					
Japan.....	3.41	3.65	3.83	2.91	3.08
Mexico.....	—	—	—	5.69	6.95
<b>Total LNG Exports.....</b>	<b>3.41</b>	<b>3.65</b>	<b>3.83</b>	<b>2.91</b>	<b>3.10</b>
<b>Total Exports.....</b>	<b>2.39</b>	<b>2.97</b>	<b>3.02</b>	<b>2.45</b>	<b>2.61</b>

— = Not applicable.

**Notes:** Prices for LNG imports are reported as "landed," received at the terminal, or "tailgate," after regasification at the terminal. Generally the reporting of LNG import prices varies by point of entry, and the average prices are calculated from a combination of both types of prices. The price of LNG exports to Japan is the "landed" price, defined as received at the terminal in Japan. Details concerning the reporting of LNG prices are given in the Special Report, "U.S. Natural Gas Imports and Exports - 1999," in the August 1999 issue of the *Natural Gas Monthly*. Totals may not equal sum of components due to independent rounding.

**Sources:** Energy Information Administration, Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*.



**Table 10. Additions to and Withdrawals from Gas Storage by State, 1999**  
(Million Cubic Feet)

State	Underground Storage			LNG Storage			Net Change in Storage
	Injections	Withdrawals	Net	Additions	Withdrawals	Net	
Alabama.....	2,646	2,482	164	564	783	-219	-55
Arkansas.....	5,784	6,017	-233	52	53	-1	-234
California.....	128,420	136,614	-8,194	58	117	-59	-8,253
Colorado.....	37,828	36,325	1,502	0	0	0	1,502
Connecticut.....	0	0	0	334	400	-66	-66
Delaware.....	0	0	0	83	52	31	31
Georgia.....	0	0	0	607	2,010	-1,403	-1,403
Idaho.....	0	0	0	720	228	492	492
Illinois.....	238,325	235,609	2,715	650	409	241	2,956
Indiana.....	21,533	21,289	244	2,000	1,330	670	914
Iowa.....	73,398	75,843	-2,445	1,697	1,624	72	-2,372
Kansas.....	103,396	118,964	-15,568	0	0	0	-15,568
Kentucky.....	55,134	57,859	-2,725	0	0	0	-2,725
Louisiana.....	261,763	271,293	-9,530	66,830	65,780	1,050	-8,480
Maine.....	0	0	0	83	68	15	15
Maryland.....	18,802	18,740	63	715	221	494	556
Massachusetts.....	0	0	0	3,934	6,381	-2,447	-2,447
Michigan.....	343,675	376,613	-32,938	0	0	0	-32,938
Minnesota.....	1,384	1,131	253	1,295	983	312	565
Mississippi.....	48,217	62,719	-14,502	0	0	0	-14,502
Missouri.....	3,159	2,592	567	0	0	0	567
Montana.....	20,232	28,116	-7,884	0	0	0	-7,884
Nebraska.....	5,802	6,276	-473	377	201	176	-297
Nevada.....	0	0	0	206	235	-29	-29
New Jersey.....	0	0	0	7,035	6,752	283	283
New Mexico.....	17,459	15,170	2,289	0	0	0	2,289
New York.....	57,442	65,267	-7,825	651	454	197	-7,628
North Carolina.....	0	0	0	4,086	2,089	1,997	1,997
Ohio.....	182,142	198,161	-16,019	0	0	0	-16,019
Oklahoma.....	121,312	114,609	6,703	0	0	0	6,703
Oregon.....	7,605	7,017	589	540	468	73	661
Pennsylvania.....	319,041	342,238	-23,196	5,146	4,477	669	-22,528
Rhode Island.....	0	0	0	162	139	24	24
South Carolina.....	0	0	0	1,204	493	711	711
South Dakota.....	0	0	0	83	74	9	9
Tennessee.....	599	565	34	2,181	3,005	-824	-789
Texas.....	291,802	297,787	-5,985	0	0	0	-5,985
Utah.....	37,380	46,573	-9,193	0	0	0	-9,193
Virginia.....	2,378	2,470	-92	1,318	1,192	126	33
Washington.....	19,227	18,014	1,213	2,502	1,741	761	1,974
West Virginia.....	160,166	194,788	-34,622	0	0	0	-34,622
Wisconsin.....	0	0	0	53	114	-61	-61
Wyoming.....	11,458	10,395	1,063	0	0	0	1,063
<b>Total.....</b>	<b>2,597,509</b>	<b>2,771,534</b>	<b>-174,025</b>	<b>105,163</b>	<b>101,871</b>	<b>3,293</b>	<b>-170,732</b>

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Energy Information Administration, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 11. Underground Natural Gas Storage Capacity by State, December 31, 1999**  
(Capacity in Billion Cubic Feet)

State	Salt Caverns		Aquifers		Depleted Fields		Total		
	Number of Active Fields	Capacity	Number of Active Fields	Capacity	Number of Active Fields	Capacity	Number of Active Fields	Capacity	Percent of U.S. Capacity
Alabama.....	1	3	0	0	0	0	1	3	0.04
Arkansas.....	0	0	0	0	2	24	2	24	0.29
California.....	1	2	0	0	8	386	9	388	4.72
Colorado.....	0	0	0	0	9	100	9	100	1.21
Illinois.....	0	0	17	745	13	153	30	899	10.92
Indiana.....	0	0	17	95	11	19	28	113	1.38
Iowa.....	0	0	4	273	0	0	4	273	3.32
Kansas.....	1	4	0	0	17	298	18	301	3.66
Kentucky.....	0	0	3	10	22	210	25	220	2.67
Louisiana.....	6	34	0	0	8	530	14	564	6.85
Maryland.....	0	0	0	0	1	62	1	62	0.75
Michigan.....	2	4	1	31	46	1,037	49	1,072	13.02
Minnesota.....	0	0	1	7	0	0	1	7	0.09
Mississippi.....	3	31	0	0	4	103	7	134	1.63
Missouri.....	0	0	1	31	0	0	1	31	0.38
Montana.....	0	0	0	0	5	372	5	372	4.52
Nebraska.....	0	0	0	0	1	39	1	39	0.48
New Mexico.....	0	0	1	12	2	85	3	97	1.17
New York.....	1	1	0	0	21	174	22	175	2.13
Ohio.....	0	0	0	0	24	575	24	575	6.99
Oklahoma.....	0	0	0	0	13	395	13	395	4.80
Oregon.....	0	0	0	0	3	12	3	12	0.14
Pennsylvania.....	0	0	0	0	59	685	59	685	8.32
Tennessee.....	0	0	0	0	1	1	1	1	0.02
Texas.....	13	105	0	0	21	579	34	684	8.32
Utah.....	0	0	2	12	1	110	3	122	1.48
Virginia.....	1	1	0	0	1	4	2	5	0.06
Washington.....	0	0	1	37	0	0	1	37	0.45
West Virginia.....	0	0	0	0	36	733	36	733	8.91
Wyoming.....	0	0	1	10	6	96	7	106	1.29
<b>Total.....</b>	<b>29</b>	<b>185</b>	<b>49</b>	<b>1,263</b>	<b>335</b>	<b>6,781</b>	<b>413</b>	<b>8,229</b>	<b>100.00</b>

**Note:** Totals may not equal sum of components due to independent rounding.

**Source:** Energy Information Administration (EIA), Form EIA-191, "Underground Gas Storage Report."

Table 11 has been revised to present storage capacity by type of facility.

**Table 12. Supplemental Gas Supplies by State, 1999**  
(Million Cubic Feet)

State	Synthetic Natural Gas	Propane-Air	Refinery Gas	Biomass Gas	Other	Total
Alabama.....	0	4	0	0	0	4
Colorado.....	0	10	0	0	<sup>a</sup> 4,517	4,526
Connecticut.....	0	31	0	0	0	31
Georgia.....	0	12	0	0	0	12
Hawaii.....	2,752	0	0	0	0	2,752
Illinois.....	0	14	2,513	0	0	2,527
Indiana.....	0	0	0	0	<sup>b</sup> 5,442	5,442
Iowa.....	0	12	0	0	0	12
Kentucky.....	0	3	0	0	0	3
Maine.....	0	43	0	0	0	43
Maryland.....	0	498	0	0	0	498
Massachusetts.....	0	134	0	0	0	134
Michigan.....	0	0	0	0	<sup>c</sup> 20,896	20,896
Minnesota.....	0	64	0	0	0	64
Missouri.....	0	207	0	0	0	207
Nebraska.....	0	4	0	0	0	4
New Hampshire.....	0	111	0	0	0	111
New Jersey.....	0	0	4,268	1,493	0	5,761
New York.....	0	0	0	458	0	459
North Carolina.....	0	21	0	0	0	21
North Dakota.....	53,185	0	0	0	0	53,185
Ohio.....	0	48	0	1,153	0	1,200
Oregon.....	0	3	0	0	0	3
Pennsylvania.....	0	119	0	0	0	119
Rhode Island.....	0	1	0	0	0	1
South Carolina.....	0	18	0	0	0	18
South Dakota.....	0	5	0	0	0	5
Tennessee.....	0	9	0	0	0	9
Texas.....	0	17	0	0	0	17
Vermont.....	0	1	0	0	0	1
Virginia.....	0	179	0	0	0	179
<b>Total.....</b>	<b>55,938</b>	<b>1,569</b>	<b>6,781</b>	<b>3,104</b>	<b>30,855</b>	<b>98,247</b>

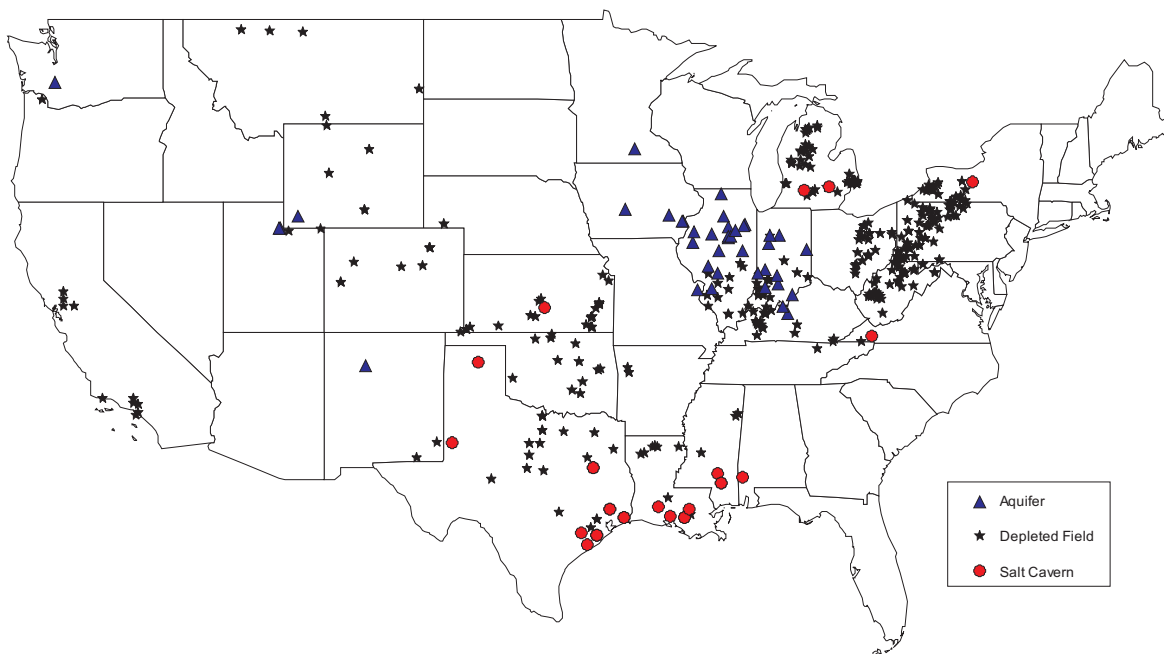
<sup>a</sup> Air injection for Btu stabilization.

<sup>b</sup> Coke oven gas.

<sup>c</sup> Blast furnace gas.

**Note:** Totals may not equal sum of components due to independent rounding.  
**Source:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 9. Locations of Existing Natural Gas Underground Storage Fields in the United States**



**Source:** Energy Information Administration (EIA), Form EIA-191, "Underground Gas Storage Report."

# **Natural Gas Consumption**

### Cautionary Note: Numbers of Residential Consumers

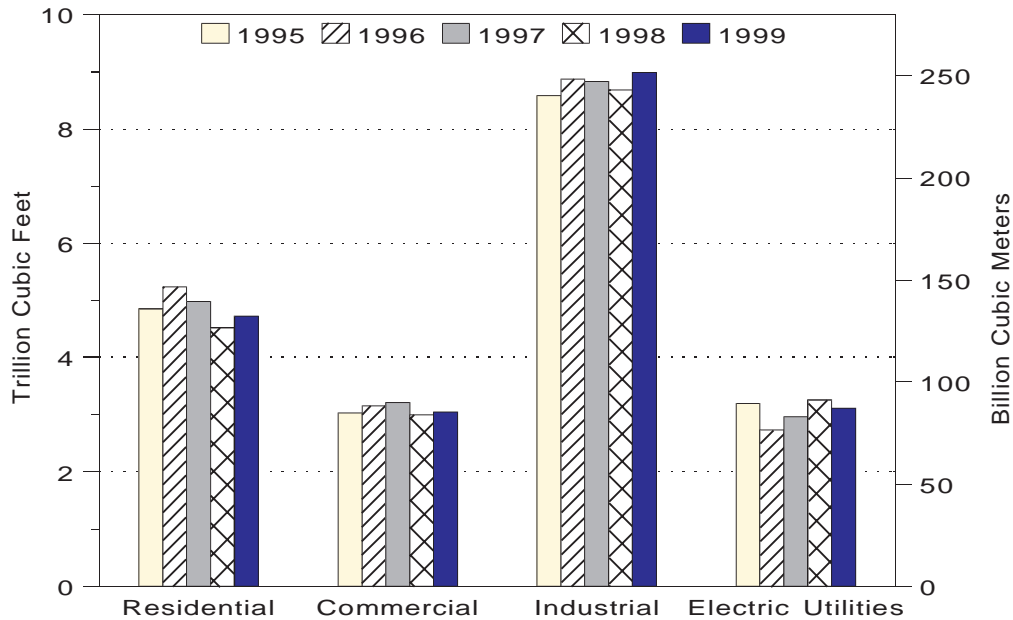
The Energy Information Administration (EIA) expects that there may be some double counting in the number of residential users reported for 1998 and 1999, specifically that some residential customers were reported as both sales and transportation customers.

EIA collects information on number of residential consumers, through a survey of companies that deliver gas to consumers (Form EIA-176). The survey asks for the number of residential customers companies serve as sales customers and as customers to whom they deliver gas purchased from others. Traditionally, residential customers obtained the gas and all services associated with delivering it from their local distribution company (LDC). The LDC records these customers as sales customers. Customer choice programs allow consumers to select the provider from whom they purchase gas. When customers elect to purchase gas from a provider other than the LDC, the LDC continues to deliver the gas to the household even though it no longer sells the gas. When customers switch to another provider, they become transportation customers for the LDC. A residential customer who enters a customer choice program will be classified both as a traditional sales customer and, after entering the program, as a transportation customer. This double reporting affects the number of residential consumers shown in the *Natural Gas Annual*.

Table 18 assists readers in evaluating the extent and possible effect of double reporting. It lists the number of residential sales and transportation customers reported on Form EIA-176 for 1998 and 1999. Appendix A includes the survey Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." Numbers of residential customers are reported on this form for both sales (in Part V, line 5.4.1) and transportation (in Part V, line 7.4.1).

Several customer choice programs, also known as retail unbundling programs, were implemented during 1998 and 1999. A description of these programs for States offering customer choice is on the EIA web site at: [www.eia.doe.gov/oil\\_gas/natural\\_gas/restructure/restructure.html](http://www.eia.doe.gov/oil_gas/natural_gas/restructure/restructure.html).

**Figure 10. Natural Gas Delivered to Consumers in the United States, 1995-1999**



Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition", and Form EIA-759, "Monthly Power Plant Report."

**Table 13. Consumption of Natural Gas by State, 1995-1999**  
(Million Cubic Feet)

Year and State	Delivered to Consumers	Lease Fuel	Plant Fuel	Pipeline Fuel	Total Consumption
<b>1995 Total</b> .....	19,660,161	792,315	427,853	700,335	21,580,665
<b>1996 Total</b> .....	20,005,508	799,629	450,033	711,446	21,966,616
<b>1997 Total</b> .....	20,004,012	776,306	426,873	751,470	21,958,660
<b>1998 Total</b> .....	19,469,047	<sup>R</sup> 773,049	401,314	635,477	<sup>R</sup> 21,278,888
<b>1999 Total</b> .....	<b>19,882,247</b>	<b>677,655</b>	<b>399,509</b>	<b>735,078</b>	<b>21,694,489</b>
Alabama .....	295,414	9,954	5,336	22,109	332,813
Alaska .....	150,054	224,355	41,149	4,475	420,033
Arizona .....	142,216	35	0	18,570	160,821
Arkansas .....	249,371	1,822	405	8,979	260,576
California .....	2,070,537	61,810	4,212	9,341	2,145,900
Colorado .....	271,006	23,695	12,863	8,380	315,944
Connecticut .....	131,143	0	0	650	131,793
D.C. ....	31,993	0	0	244	32,237
Delaware .....	55,936	0	0	45	55,981
Florida .....	510,162	2,240	147	6,822	519,370
Georgia .....	322,758	0	0	8,846	331,604
Hawaii .....	2,735	0	0	0	2,735
Idaho .....	64,414	0	0	4,512	68,926
Illinois .....	980,610	<sup>a</sup> 4	83	54,028	1,034,725
Indiana .....	552,765	<sup>a</sup> 18	0	14,274	567,058
Iowa.....	223,514	0	0	7,748	231,262
Kansas .....	240,458	<sup>a</sup> 11,611	19,321	31,753	303,142
Kentucky .....	194,425	<sup>a</sup> 1,615	641	16,632	213,313
Louisiana.....	1,265,867	113,027	68,393	47,961	1,495,248
Maine.....	6,054	0	0	0	6,054
Maryland .....	191,596	<sup>a</sup> 1	0	3,207	194,804
Massachusetts .....	336,565	0	0	2,655	339,219
Michigan .....	882,566	<sup>a</sup> 5,954	2,912	22,355	913,787
Minnesota.....	317,798	0	0	22,019	339,817
Mississippi.....	266,652	3,283	638	63,594	334,166
Missouri.....	259,431	0	0	6,744	266,175
Montana .....	55,095	798	235	5,968	62,096
Nebraska .....	118,478	<sup>a</sup> 29	0	2,922	121,429
Nevada .....	150,698	8	0	801	151,507
New Hampshire.....	20,310	0	0	2	20,312
New Jersey .....	612,707	0	0	4,116	616,823
New Mexico.....	124,829	16,738	39,345	48,570	229,483
New York.....	1,209,656	701	0	7,815	1,218,172
North Carolina.....	210,291	0	0	10,553	220,844
North Dakota .....	38,160	4,153	4,553	9,506	56,373
Ohio.....	828,223	1,035	42	17,441	846,741
Oklahoma.....	449,005	<sup>a</sup> 32,868	25,055	23,833	530,761
Oregon .....	198,402	0	0	10,242	208,644
Pennsylvania.....	635,761	<sup>a</sup> 26	274	35,981	672,043
Rhode Island.....	83,933	0	0	243	84,176
South Carolina .....	154,036	0	0	3,589	157,625
South Dakota .....	28,903	864	0	6,020	35,787
Tennessee .....	253,091	<sup>a</sup> 26	0	25,204	278,321
Texas.....	3,507,315	136,708	144,544	70,397	3,858,964
Utah.....	133,301	15,930	7,880	2,561	159,672
Vermont.....	8,024	0	0	8	8,032
Virginia .....	255,556	<sup>a</sup> 1,519	0	8,005	265,080
Washington .....	256,042	0	0	7,645	263,688
West Virginia .....	103,951	<sup>a</sup> 3,705	2,209	29,829	139,694
Wisconsin.....	369,839	0	0	4,151	373,990
Wyoming .....	60,596	3,125	19,272	13,736	96,730

<sup>a</sup> Lease fuel quantities were estimated by assuming that the proportions of on-system production used as lease fuel by respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," were the same as the proportions of gross withdrawals as reported on Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," used as lease by all operators. Form EIA-176 respondents reported on-system production totaling 37 percent of gross withdrawals in Alaska and 4.0 percent of gross withdrawals in the lower 48 states (excluding California). The average ratios of volumes "Used in well, lease, and field operations" to "Company-owned natural gas produced on-system" computed from Form EIA-176 responses were .03316 for Alaska and .02105 for the lower 48 states. Those ratios were applied to

gross withdrawals from all states, where lease fuel was applicable, that did not report lease fuel use on the Form EIA-895.

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

**Note:** Totals may not equal sum of components due to independent rounding.

**Sources:** Energy Information Administration (EIA), Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; and Form EIA-759, "Monthly Power Plant Report."

Table 14. Natural Gas Delivered to Consumers by State, 1995-1999

Year and State	Residential		Commercial		Industrial	
	Volume (million cubic feet)	Consumers	Volume (million cubic feet)	Consumers	Volume (million cubic feet)	Consumers
<b>1995 Total</b> .....	4,850,318	54,322,179	3,031,077	4,636,500	8,579,585	209,398
<b>1996 Total</b> .....	5,241,414	55,263,673	3,158,244	4,720,227	8,870,422	206,049
<b>1997 Total</b> .....	4,983,772	56,186,958	3,214,912	4,761,409	8,832,450	238,961
<b>1998 Total</b> .....	4,520,276	57,321,746	2,999,491	5,044,497	8,686,147	231,438
<b>1999 Total</b> .....	<b>4,724,094</b>	<b>58,200,837</b>	<b>3,048,832</b>	<b>5,007,325</b>	<b>8,990,216</b>	<b>230,137</b>
Alabama.....	42,647	775,311	27,581	64,185	204,263	2,626
Alaska.....	17,634	88,924	27,667	13,409	74,224	9
Arizona.....	32,940	802,469	31,333	53,023	27,000	554
Arkansas.....	36,245	554,121	27,898	71,389	145,140	1,395
California.....	568,496	9,331,206	244,701	416,791	1,109,359	37,266
Colorado.....	111,748	1,265,032	63,536	129,042	76,558	4,728
Connecticut.....	38,364	442,457	47,553	49,930	32,039	3,465
D.C.....	14,147	137,206	17,837	12,108	0	0
Delaware.....	8,862	115,961	6,119	10,441	21,075	264
Florida.....	13,797	556,628	36,269	50,052	140,740	579
Georgia.....	98,777	1,732,865	43,581	225,020	159,851	5,582
Hawaii.....	524	30,708	1,749	2,763	463	29
Idaho.....	17,912	227,807	12,618	28,923	33,846	200
Illinois.....	445,217	3,594,071	188,520	274,919	306,110	27,606
Indiana.....	151,529	1,570,253	73,643	145,631	319,890	19,070
Iowa.....	71,430	799,015	44,895	92,306	101,940	1,810
Kansas.....	68,146	824,803	39,683	86,037	96,739	5,829
Kentucky.....	59,220	735,371	35,798	80,283	93,814	1,813
Louisiana.....	45,104	961,925	24,577	62,912	875,850	1,422
Maine.....	957	15,247	2,547	6,582	2,550	108
Maryland.....	74,848	939,029	58,103	69,301	42,190	537
Massachusetts.....	105,709	1,232,887	65,136	113,177	157,579	8,037
Michigan.....	350,735	2,949,628	179,351	227,159	301,326	14,530
Minnesota.....	118,938	1,190,190	88,061	114,127	104,187	2,267
Mississippi.....	24,562	426,352	20,265	47,621	120,201	1,382
Missouri.....	112,042	1,311,865	63,100	133,464	64,856	3,553
Montana.....	19,676	222,114	12,088	28,424	23,036	397
Nebraska.....	40,588	460,173	27,586	53,943	45,750	10,342
Nevada.....	28,772	490,029	22,710	30,521	34,075	114
New Hampshire.....	6,613	80,958	7,214	13,932	5,912	417
New Jersey.....	209,399	2,245,904	163,759	232,831	206,898	10,111
New Mexico.....	35,548	473,375	27,356	43,835	26,176	1,482
New York.....	370,711	4,150,731	360,188	352,026	296,358	6,164
North Carolina.....	52,853	815,908	38,019	104,294	108,835	5,676
North Dakota.....	10,573	104,051	10,023	15,050	17,561	226
Ohio.....	318,214	3,111,108	167,573	266,102	330,931	8,137
Oklahoma.....	61,611	867,922	39,629	80,988	177,747	3,059
Oregon.....	38,564	502,000	28,510	65,034	107,984	718
Pennsylvania.....	241,468	2,486,704	143,256	223,732	240,622	7,091
Rhode Island.....	16,601	211,097	11,804	22,254	55,517	308
South Carolina.....	25,669	473,799	20,566	53,436	102,681	1,769
South Dakota.....	11,766	136,789	9,564	18,453	5,043	445
Tennessee.....	58,983	915,504	51,378	110,072	139,261	2,455
Texas.....	175,907	3,613,864	171,758	314,601	1,952,355	5,657
Utah.....	55,474	609,603	30,361	43,861	40,859	3,625
Vermont.....	2,565	27,931	2,309	4,219	2,901	37
Virginia.....	69,189	893,887	61,500	80,500	101,368	2,986
Washington.....	71,704	779,104	50,735	80,995	126,799	4,042
West Virginia.....	31,403	362,292	27,301	35,483	44,857	147
Wisconsin.....	127,607	1,426,909	81,689	135,829	146,428	9,757
Wyoming.....	12,106	127,750	9,834	16,315	38,475	314

See footnotes at end of table.

Table 14. Natural Gas Delivered to Consumers by State, 1995-1999 (Continued)

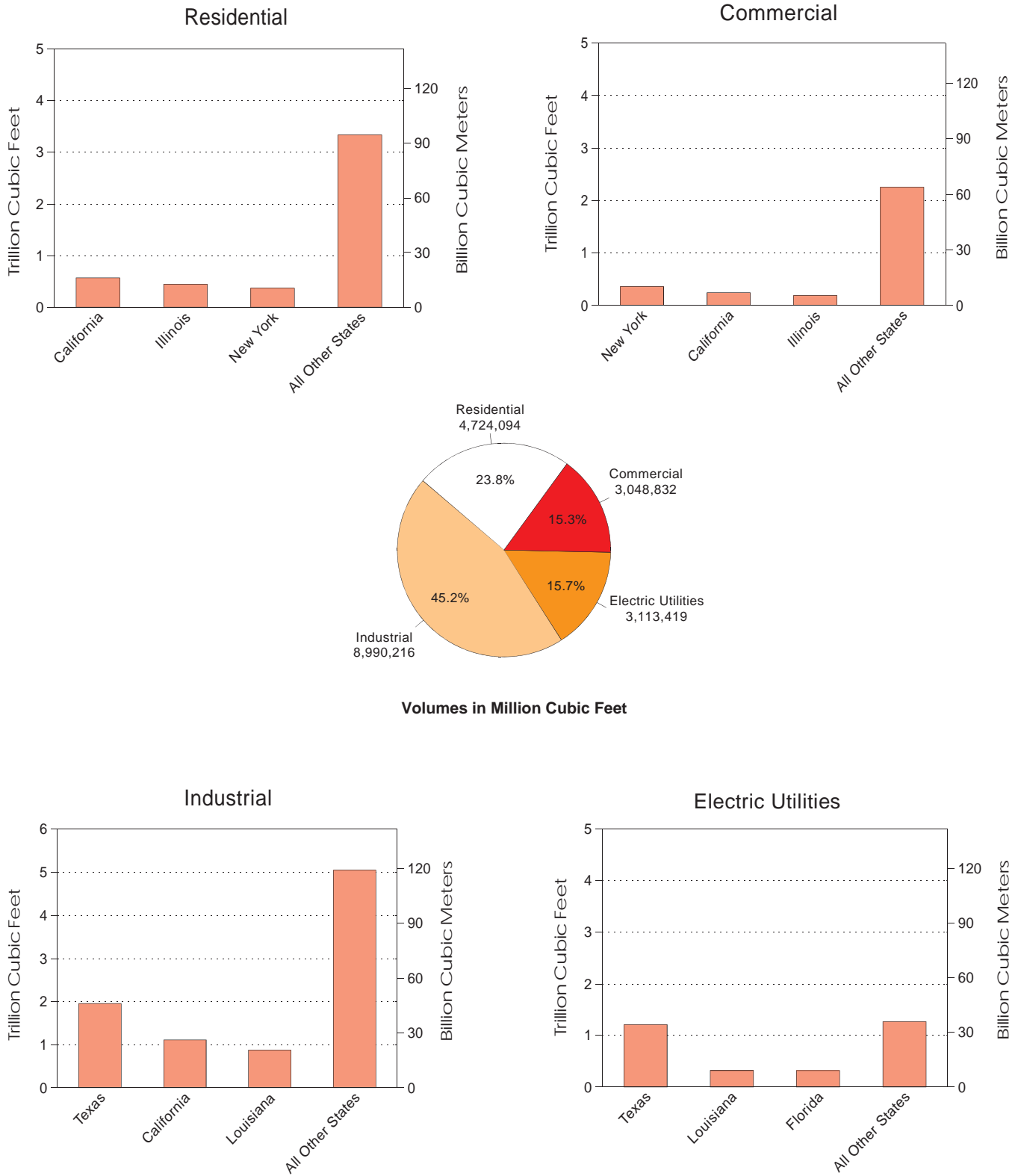
Year and State	Vehicle Fuel	Electric Utilities	Delivered to Consumers	Heating Value (Btu per Cubic Foot)
	Volume (million cubic feet)	Volume (million cubic feet)	Volume (million cubic feet)	
<b>1995 Total</b> .....	2,674	3,196,507	19,660,161	1,027
<b>1996 Total</b> .....	2,932	2,732,496	20,005,508	1,027
<b>1997 Total</b> .....	4,424	2,968,453	20,004,012	1,026
<b>1998 Total</b> .....	5,079	3,258,054	19,469,047	1,031
<b>1999 Total</b> .....	<b>5,685</b>	<b>3,113,419</b>	<b>19,882,247</b>	<b>1,027</b>
Alabama .....	4	20,918	295,414	1,035
Alaska .....	0	30,529	150,054	1,000
Arizona .....	67	50,875	142,216	1,015
Arkansas .....	1	40,088	249,371	1,019
California .....	3,327	144,655	2,070,537	1,017
Colorado .....	9	19,155	271,006	1,007
Connecticut .....	93	13,095	131,143	1,024
D.C. ....	9	0	31,993	1,021
Delaware .....	2	19,878	55,936	1,037
Florida .....	82	319,274	510,162	1,043
Georgia .....	12	20,537	322,758	1,027
Hawaii .....	0	0	2,735	1,055
Idaho .....	38	0	64,414	1,038
Illinois .....	47	40,716	980,610	1,022
Indiana .....	48	7,655	552,765	1,018
Iowa .....	0	5,249	223,514	1,019
Kansas .....	1	35,889	240,458	997
Kentucky .....	2	5,590	194,425	1,032
Louisiana .....	8	320,328	1,265,867	1,042
Maine .....	0	0	6,054	1,018
Maryland .....	56	16,399	191,596	1,034
Massachusetts .....	1	8,141	336,565	1,048
Michigan .....	32	51,122	882,566	1,018
Minnesota .....	17	6,595	317,798	1,019
Mississippi .....	1	101,623	266,652	1,036
Missouri .....	6	19,427	259,431	1,013
Montana .....	7	289	55,095	1,024
Nebraska .....	0	4,555	118,478	999
Nevada .....	37	65,105	150,698	1,034
New Hampshire .....	0	572	20,310	1,009
New Jersey .....	0	32,650	612,707	1,039
New Mexico .....	168	35,581	124,829	979
New York .....	575	181,823	1,209,656	1,027
North Carolina .....	0	10,584	210,291	1,035
North Dakota .....	4	0	38,160	1,045
Ohio .....	400	11,105	828,223	1,037
Oklahoma .....	174	169,845	449,005	1,023
Oregon .....	52	23,292	198,402	1,051
Pennsylvania .....	40	10,376	635,761	1,036
Rhode Island .....	11	0	83,933	1,023
South Carolina .....	2	5,118	154,036	1,031
South Dakota .....	3	2,527	28,903	1,006
Tennessee .....	9	3,460	253,091	1,027
Texas .....	2	1,207,293	3,507,315	1,032
Utah .....	130	6,478	133,301	1,055
Vermont .....	0	250	8,024	1,012
Virginia .....	42	23,457	255,556	1,038
Washington .....	111	6,693	256,042	1,052
West Virginia .....	5	385	103,951	1,055
Wisconsin .....	37	14,077	369,839	1,012
Wyoming .....	14	167	60,596	1,051

**Notes:** Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and Form EIA-759, "Monthly Power Plant Report."



**Figure 11. Natural Gas Delivered to Consumers in the United States, 1999**



**Note:** Vehicle fuel volume for 1999 was 5,685 million cubic feet.

**Source:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 15. Natural Gas Delivered to Commercial Consumers for the Account of Others<sup>a</sup> by State, 1995-1999**  
(Million Cubic Feet)

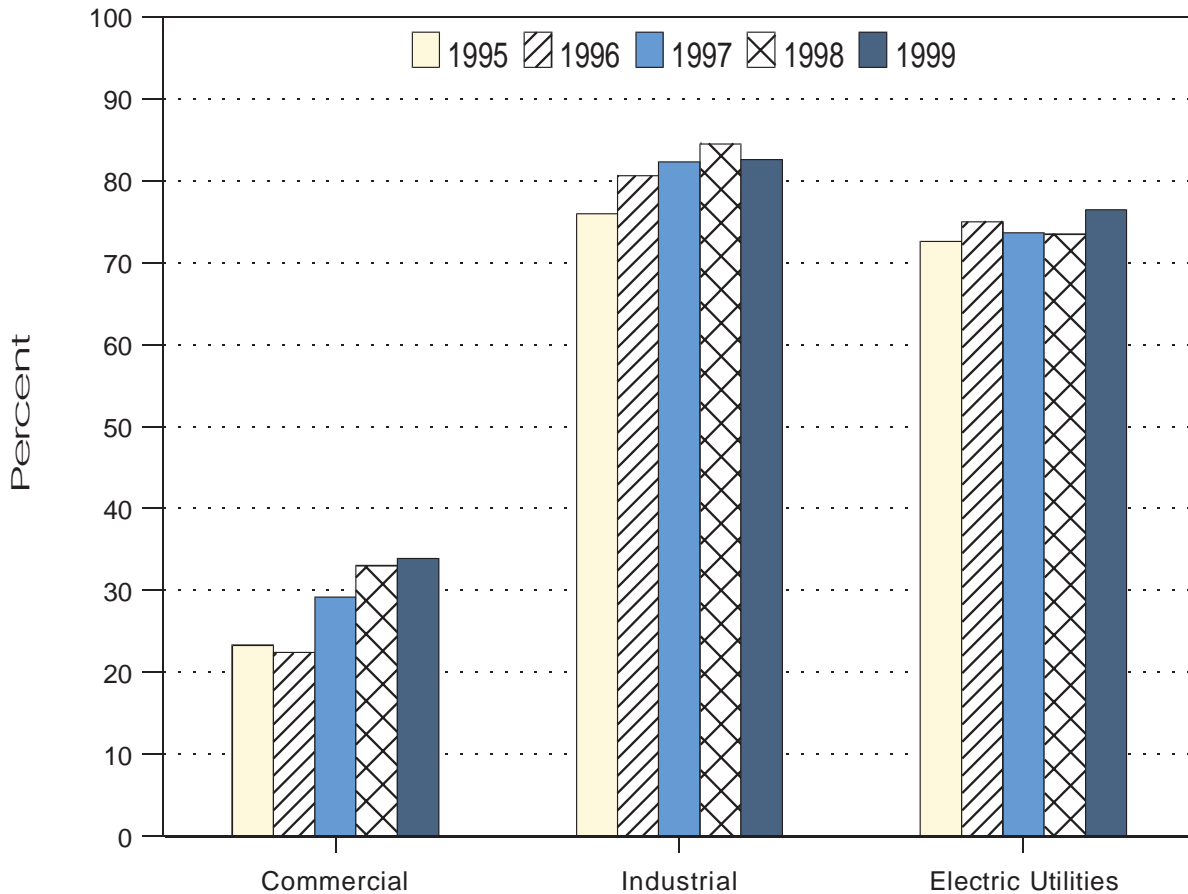
State	1995		1996		1997		1998		1999	
	Delivered for the Account of Others	Percent of Total Commercial Deliveries	Delivered for the Account of Others	Percent of Total Commercial Deliveries	Delivered for the Account of Others	Percent of Total Commercial Deliveries	Delivered for the Account of Others	Percent of Total Commercial Deliveries	Delivered for the Account of Others	Percent of Total Commercial Deliveries
Alabama.....	5,213	19.9	5,470	18.9	11,432	35.3	5,009	19.5	8,141	29.5
Alaska.....	5,019	20.1	9,990	36.6	12,241	45.5	13,649	50.4	12,345	44.6
Arizona.....	3,282	11.6	4,309	14.9	4,662	15.5	4,777	15.0	5,485	17.5
Arkansas.....	1,104	4.0	1,550	5.0	1,699	5.8	2,576	9.2	2,983	10.7
California.....	133,483	47.9	106,531	45.3	125,836	49.6	144,864	51.3	105,079	42.9
Colorado.....	3,863	5.8	4,702	6.8	4,998	7.2	3,573	5.7	1,508	2.4
Connecticut.....	6,836	18.0	5,193	13.1	7,709	18.1	13,270	31.3	17,692	37.2
D.C.....	3,954	23.2	4,823	29.5	8,122	45.1	8,045	47.7	9,644	54.1
Delaware.....	0	—	0	—	0	—	0	—	75	1.2
Florida.....	988	2.4	1,204	2.9	932	2.5	1,281	3.4	1,998	5.5
Georgia.....	3,663	6.5	3,646	5.9	6,211	10.9	9,078	16.4	16,996	39.0
Idaho.....	1,450	14.0	1,543	13.4	1,593	13.9	1,594	13.6	1,773	14.1
Illinois.....	101,211	49.7	100,495	46.1	92,730	45.7	91,872	52.6	107,830	57.2
Indiana.....	10,149	12.3	3,255	3.7	8,290	10.1	15,216	20.8	15,967	21.7
Iowa.....	5,394	10.7	6,728	12.3	5,934	11.8	6,129	14.2	7,460	16.6
Kansas.....	14,029	26.4	16,200	28.3	12,331	29.7	12,757	30.5	12,985	32.7
Kentucky.....	4,169	10.8	3,773	9.2	3,860	10.0	4,076	12.6	4,315	12.1
Louisiana.....	464	1.9	451	1.8	1,048	4.1	1,287	5.4	1,528	6.2
Maryland.....	1,469	3.1	3,734	8.1	16,394	32.9	36,375	63.4	38,722	66.6
Massachusetts.....	12,453	15.1	24,311	25.3	39,539	37.4	37,931	42.1	26,186	40.2
Michigan.....	65,266	33.6	66,621	33.1	69,739	36.3	65,843	40.3	77,782	43.4
Minnesota.....	5,696	6.3	3,768	3.8	1,077	1.2	1,954	2.4	2,454	2.8
Mississippi.....	615	3.1	585	2.6	1,148	5.2	1,101	5.2	807	4.0
Missouri.....	10,880	16.7	12,988	17.8	14,059	20.1	13,463	21.7	13,494	21.4
Montana.....	1,131	8.4	1,247	8.4	1,181	8.5	2,957	22.8	2,436	20.2
Nebraska.....	9,181	22.9	12,247	30.0	8,738	25.8	7,941	27.5	9,227	33.4
Nevada.....	4,416	23.6	5,272	25.8	6,305	28.7	6,941	29.8	8,888	39.1
New Hampshire.....	52	0.8	218	3.1	567	7.6	399	5.9	490	6.8
New Jersey.....	19,074	13.7	40,100	26.7	73,902	43.8	57,904	39.5	72,015	44.0
New Mexico.....	9,520	39.8	9,351	35.3	7,959	29.0	8,981	33.0	10,287	37.6
New York.....	55,135	23.8	58,135	23.0	113,408	35.3	157,319	46.9	154,004	42.8
North Carolina.....	2,831	7.6	1,409	3.5	2,141	5.6	3,418	9.4	2,374	6.2
North Dakota.....	2,224	19.1	1,454	12.0	1,207	11.1	1,631	16.2	1,178	11.8
Ohio.....	41,569	23.7	53,609	28.2	63,352	34.5	70,543	45.0	89,746	53.6
Oklahoma.....	5,894	14.9	7,165	15.5	8,204	18.2	11,752	26.8	11,282	28.5
Oregon.....	419	1.9	431	1.7	378	1.5	254	1.0	337	1.2
Pennsylvania.....	45,481	31.6	45,809	29.6	52,464	36.4	56,528	43.2	61,752	43.1
Rhode Island.....	0	—	1,010	8.2	2,405	19.5	4,679	40.8	5,524	46.8
South Carolina.....	688	3.6	199	1.0	235	1.2	412	2.1	589	2.9
South Dakota.....	1,406	13.2	2,008	17.3	1,742	16.7	1,466	15.8	1,802	18.8
Tennessee.....	3,163	6.2	3,316	5.7	4,312	7.8	6,635	12.7	5,885	11.5
Texas.....	65,911	31.4	29,469	16.5	83,494	38.6	32,280	19.0	39,041	22.7
Utah.....	4,892	18.2	5,360	18.1	5,222	16.8	5,427	17.5	5,204	17.1
Virginia.....	9,062	15.9	8,712	14.7	13,705	22.1	16,267	27.9	20,026	32.6
Washington.....	3,514	8.3	6,795	14.1	7,440	15.9	6,026	13.2	5,405	10.7
West Virginia.....	12,536	48.5	12,263	43.8	11,779	45.5	12,625	50.5	13,157	48.2
Wisconsin.....	6,760	8.0	7,848	8.4	15,907	17.9	21,172	26.0	17,123	21.0
Wyoming.....	632	6.4	1,370	14.1	1,705	15.9	987	9.5	1,066	10.8
<b>Total.....</b>	<b>706,139</b>	<b>23.3</b>	<b>706,667</b>	<b>22.4</b>	<b>939,332</b>	<b>29.2</b>	<b>990,265</b>	<b>33.0</b>	<b>1,032,091</b>	<b>33.9</b>

<sup>a</sup> These deliveries included quantities covered by long-term contracts and gas involved in short-term or spot market sales.  
— = Not applicable.

**Notes:** Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Source:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 12. Percent of Natural Gas Deliveries in the United States Representing Deliveries for the Account of Others by Consumer Sector, 1995-1999**



**Note:** These deliveries included quantities covered by long-term contracts and gas involved in short-term or spot market sales.  
**Source:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 16. Natural Gas Delivered to Industrial Consumers for the Account of Others<sup>a</sup> by State, 1995-1999**  
(Million Cubic Feet)

State	1995		1996		1997		1998		1999	
	Delivered for the Account of Others	Percent of Total Industrial Deliveries	Delivered for the Account of Others	Percent of Total Industrial Deliveries	Delivered for the Account of Others	Percent of Total Industrial Deliveries	Delivered for the Account of Others	Percent of Total Industrial Deliveries	Delivered for the Account of Others	Percent of Total Industrial Deliveries
Alabama.....	156,374	76.6	155,962	77.4	151,727	75.4	153,936	76.9	159,663	78.2
Alaska.....	31,112	47.9	27,026	35.7	1,609	2.2	473	0.6	661	0.9
Arizona.....	20,825	75.3	21,670	80.3	20,873	74.9	18,740	66.6	17,238	63.8
Arkansas.....	119,716	86.2	122,937	87.0	132,410	89.5	133,918	90.9	131,250	90.4
California.....	604,196	87.8	622,182	89.7	671,397	91.1	749,163	90.5	1,014,558	91.5
Colorado.....	55,143	76.1	65,641	78.5	56,338	76.4	76,652	87.9	70,344	91.9
Connecticut.....	4,130	12.5	5,008	15.4	11,597	33.6	14,359	44.2	14,156	44.2
Delaware.....	6,281	32.4	8,882	62.7	10,223	69.0	12,633	77.6	17,567	83.4
Florida.....	112,361	84.2	119,191	87.2	117,731	90.0	118,050	93.0	133,167	94.6
Georgia.....	118,125	64.3	123,193	67.8	128,111	73.3	122,918	74.7	123,097	77.0
Idaho.....	33,291	97.8	34,080	98.6	34,311	98.0	33,429	97.5	32,936	97.3
Illinois.....	286,103	89.0	278,262	86.3	281,159	88.5	275,415	90.7	278,247	90.9
Indiana.....	236,435	85.8	241,236	83.4	244,246	84.0	264,161	90.8	301,799	94.3
Iowa.....	104,993	91.2	103,757	91.0	98,195	91.4	98,665	93.1	94,432	92.6
Kansas.....	112,942	87.2	101,877	92.4	105,838	90.8	100,205	90.2	87,645	90.6
Kentucky.....	65,659	72.3	68,850	72.9	77,303	80.8	76,644	82.2	76,547	81.6
Louisiana.....	733,133	70.2	942,276	89.9	903,298	89.9	836,843	90.7	801,729	91.5
Maine.....	0	—	197	9.0	218	8.6	288	12.6	555	21.8
Maryland.....	42,475	86.7	44,186	88.3	61,067	92.6	35,842	93.0	39,772	94.3
Massachusetts....	73,793	68.5	74,115	74.1	86,377	79.8	108,741	86.8	128,167	81.3
Michigan.....	296,745	90.9	315,568	90.9	308,012	91.0	258,838	91.8	274,847	91.2
Minnesota.....	69,467	65.4	60,195	58.7	63,995	59.6	63,114	60.3	62,747	60.2
Mississippi.....	48,691	57.6	47,133	58.3	50,692	60.4	49,109	62.4	88,589	73.7
Missouri.....	53,484	77.6	53,656	75.0	55,638	78.2	52,757	81.3	52,698	81.3
Montana.....	17,565	96.9	17,483	96.6	18,193	96.9	21,103	98.5	22,645	98.3
Nebraska.....	37,370	83.5	28,756	79.6	32,405	73.0	46,326	87.3	39,267	85.8
Nevada.....	30,102	98.2	32,073	98.4	28,399	98.2	27,104	94.6	31,350	92.0
New Hampshire...	1,639	35.6	2,193	44.6	2,987	51.2	4,072	69.3	4,475	75.7
New Jersey.....	98,456	47.1	96,081	47.8	107,183	53.0	106,301	51.9	112,455	54.4
New Mexico.....	19,596	92.9	22,049	96.5	23,412	90.5	22,603	90.2	21,598	82.5
New York.....	240,506	86.3	291,057	90.2	279,409	91.5	236,657	94.1	281,815	95.1
North Carolina....	56,707	53.1	42,287	40.6	60,729	54.5	72,282	67.9	56,091	51.5
North Dakota.....	5,319	81.8	5,813	73.5	16,783	81.6	17,594	85.4	14,938	85.1
Ohio.....	312,067	92.7	321,733	92.7	316,813	94.3	318,793	95.7	317,732	96.0
Oklahoma.....	164,610	84.8	187,816	93.4	197,058	95.3	190,910	96.4	170,845	96.1
Oregon.....	51,352	74.5	71,942	82.0	75,666	83.7	88,092	85.7	93,293	86.4
Pennsylvania.....	209,372	83.8	198,545	81.5	204,331	85.8	201,211	87.0	213,306	88.6
Rhode Island.....	31,211	88.9	21,472	83.1	20,203	82.6	39,163	92.6	53,260	95.9
South Carolina....	18,336	18.6	13,562	14.2	13,525	13.1	13,602	13.3	14,235	13.9
South Dakota.....	5,017	72.4	5,414	75.4	5,257	75.9	3,609	64.4	3,178	63.0
Tennessee.....	65,914	52.4	67,050	53.0	85,683	61.7	96,672	66.3	90,267	64.8
Texas.....	1,402,017	72.9	1,708,843	79.9	1,703,403	82.7	1,738,943	85.9	1,470,207	75.3
Utah.....	37,694	89.0	38,424	91.0	40,234	91.1	41,587	91.4	36,959	90.5
Vermont.....	0	—	0	—	0	—	0	—	680	23.4
Virginia.....	83,030	85.2	69,163	82.0	74,182	87.0	80,885	87.2	89,873	88.7
Washington.....	73,798	67.1	86,332	75.6	85,079	76.5	106,345	79.9	94,481	74.5
West Virginia.....	44,726	85.6	42,843	85.7	50,353	87.8	46,650	93.7	40,005	89.2
Wisconsin.....	78,008	53.4	95,077	63.6	113,529	72.9	110,805	78.0	116,236	79.4
Wyoming.....	47,467	97.2	48,798	97.1	45,763	97.5	53,151	98.0	37,346	97.1
<b>Total.....</b>	<b>6,517,352</b>	<b>76.0</b>	<b>7,151,885</b>	<b>80.6</b>	<b>7,272,947</b>	<b>82.3</b>	<b>7,339,353</b>	<b>84.5</b>	<b>7,428,945</b>	<b>82.6</b>

<sup>a</sup> These deliveries included quantities covered by long-term contracts and gas involved in short-term or spot market sales.  
— = Not applicable.

**Notes:** Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Source:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 17. Natural Gas Delivered to Electric Utilities for the Account of Others<sup>a</sup> by State, 1995-1999**  
(Million Cubic Feet)

State	1995		1996		1997		1998		1999	
	Delivered for the Account of Others	Percent of Total Electric Utility Deliveries	Delivered for the Account of Others	Percent of Total Electric Utility Deliveries	Delivered for the Account of Others	Percent of Total Electric Utility Deliveries	Delivered for the Account of Others	Percent of Total Electric Utility Deliveries	Delivered for the Account of Others	Percent of Total Electric Utility Deliveries
Alabama.....	7,441	94.7	5,101	93.0	11,194	95.6	25,270	96.6	16,228	95.2
Alaska.....	8,990	30.3	9,116	29.6	10,972	32.5	8,631	29.8	8,811	29.6
Arizona.....	25,867	99.9	26,662	99.9	31,829	99.4	35,158	89.8	45,742	88.7
Arkansas.....	23,132	96.2	26,442	94.8	20,213	95.9	40,150	100.0	38,196	100.0
California.....	367,940	90.3	263,937	85.8	315,728	86.6	266,459	82.3	123,196	86.9
Colorado.....	554	27.8	3,484	72.8	428	8.7	254	2.9	18,269	91.1
Connecticut.....	16,058	88.1	8,427	83.6	12,677	98.6	10,653	100.0	13,703	100.0
Delaware.....	21,423	79.5	19,088	86.8	13,697	89.6	10,239	94.6	18,552	94.7
Florida.....	308,563	99.5	269,460	99.6	297,298	99.6	287,762	99.1	328,964	99.5
Georgia.....	0	—	0	—	0	—	4,489	17.2	23,599	99.5
Illinois.....	35,703	88.1	24,894	86.7	44,010	88.8	53,692	89.7	41,528	87.7
Indiana.....	11,986	89.4	6,373	81.3	7,438	89.7	5,581	91.7	10,907	95.2
Iowa.....	2,157	68.9	2,261	79.3	5,966	90.5	7,398	83.9	7,062	74.3
Kansas.....	16,872	75.9	12,545	92.6	16,887	98.9	27,329	96.1	24,753	96.3
Louisiana.....	239,903	78.0	202,033	89.9	186,028	92.0	232,644	91.7	236,925	93.4
Maryland.....	6,489	39.1	9,518	97.9	10,873	99.7	7,934	99.9	18,219	100.0
Massachusetts.....	50,087	75.5	39,460	86.2	44,658	83.2	13,914	75.5	7,611	90.3
Michigan.....	28,369	97.9	26,067	98.5	25,961	97.8	45,401	97.1	48,182	96.5
Minnesota.....	734	15.9	0	—	0	—	0	—	0	—
Mississippi.....	40,663	98.7	57,417	98.8	58,577	99.3	70,819	99.0	111,148	99.9
Missouri.....	5,794	57.6	1,848	65.3	5,132	83.4	10,779	75.4	10,977	77.6
Montana.....	250	67.8	301	68.1	304	80.0	361	68.6	271	83.2
Nebraska.....	63	4.7	503	29.6	630	37.8	48	2.2	48	2.5
Nevada.....	38,533	100.0	47,039	100.0	51,161	100.0	43,729	92.6	66,750	100.0
New Jersey.....	3,725	9.6	12,559	48.5	5,436	24.2	7,078	25.2	7,857	25.0
New Mexico.....	25,751	92.4	13,618	81.6	13,635	86.9	14,198	83.8	33,662	92.1
New York.....	24,175	10.3	4,804	3.4	16,513	8.2	4,978	2.6	11,981	7.0
North Carolina.....	967	32.0	578	24.4	1,012	22.3	1,884	16.4	1,139	11.0
Ohio.....	4,647	87.3	2,303	85.7	3,414	88.7	6,982	83.4	6,333	68.5
Oklahoma.....	138,365	89.4	125,825	87.7	112,592	85.4	114,556	84.5	112,257	85.2
Oregon.....	19,136	100.0	13,127	100.0	10,446	100.0	28,065	100.0	19,558	100.0
Pennsylvania.....	24,181	94.5	5,056	87.0	5,493	91.0	7,084	91.7	10,235	95.4
Rhode Island.....	0	—	25,046	100.0	27,298	100.0	22,984	100.0	0	—
South Dakota.....	0	100.0	0	—	0	—	0	—	0	—
Tennessee.....	1,414	66.5	425	61.8	1,906	100.0	6,058	100.0	6,884	100.0
Texas.....	577,894	65.4	578,654	64.4	538,488	62.5	652,908	65.1	619,256	65.0
Utah.....	7,515	99.5	4,006	98.6	3,435	99.0	5,613	99.3	6,472	99.4
Virginia.....	20,462	100.0	14,366	99.8	10,787	99.9	57,441	100.0	71,776	100.0
Washington.....	2,084	100.0	6,589	100.0	2,518	100.0	6,344	100.0	3,598	100.0
West Virginia.....	208	100.0	157	100.0	184	100.0	221	100.0	195	100.0
Wisconsin.....	2,188	22.0	2,404	33.1	7,576	46.9	7,757	43.5	6,049	39.5
<b>Total.....</b>	<b>2,110,284</b>	<b>72.6</b>	<b>1,871,496</b>	<b>75.0</b>	<b>1,932,394</b>	<b>73.7</b>	<b>2,152,846</b>	<b>73.5</b>	<b>2,136,894</b>	<b>76.5</b>

<sup>a</sup> These deliveries included quantities covered by long-term contracts and gas involved in short-term or spot market sales.  
— = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding.  
Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 18. Number of Natural Gas Residential Consumers by State, 1998-1999

State	1998			1999		
	Sales	Transported	Total	Sales	Transported	Total
Alabama .....	788,464	0	788,464	775,311	0	775,311
Alaska .....	86,243	0	86,243	88,924	0	88,924
Arizona .....	764,167	0	764,167	802,469	0	802,469
Arkansas .....	550,017	0	550,017	554,121	0	554,121
California .....	9,177,195	4,733	9,181,928	9,318,830	12,376	9,331,206
Colorado .....	1,223,433	0	1,223,433	1,265,032	0	1,265,032
Connecticut .....	438,716	0	438,716	442,457	0	442,457
D.C. ....	132,824	43	132,867	126,714	10,492	137,206
Delaware .....	112,507	0	112,507	115,961	0	115,961
Florida .....	542,769	1	542,770	556,627	1	556,628
Georgia.....	1,597,331	62,399	1,659,730	867,480	865,385	1,732,865
Hawaii.....	30,918	0	30,918	30,708	0	30,708
Idaho .....	213,786	0	213,786	227,807	0	227,807
Illinois .....	3,538,850	17,886	3,556,736	3,563,039	31,032	3,594,071
Indiana.....	1,531,912	2	1,531,914	1,555,376	14,877	1,570,253
Iowa.....	790,162	0	790,162	799,015	0	799,015
Kansas .....	841,843	0	841,843	824,803	0	824,803
Kentucky .....	726,960	0	726,960	735,371	0	735,371
Louisiana.....	962,250	186	962,436	961,735	190	961,925
Maine.....	15,646	0	15,646	15,247	0	15,247
Maryland .....	822,509	78,946	901,455	774,440	164,589	939,029
Massachusetts .....	1,193,867	18,619	1,212,486	1,216,542	16,345	1,232,887
Michigan .....	2,899,463	4,235	2,903,698	2,907,611	42,017	2,949,628
Minnesota.....	1,161,423	0	1,161,423	1,190,190	0	1,190,190
Mississippi.....	415,673	0	415,673	426,352	0	426,352
Missouri.....	1,307,563	0	1,307,563	1,311,865	0	1,311,865
Montana .....	218,851	0	218,851	222,114	0	222,114
Nebraska .....	452,269	71,521	523,790	385,848	74,325	460,173
Nevada .....	458,737	0	458,737	490,029	0	490,029
New Hampshire.....	78,786	0	78,786	80,958	0	80,958
New Jersey .....	2,210,479	41,769	2,252,248	2,189,235	56,669	2,245,904
New Mexico.....	453,916	149	454,065	473,369	6	473,375
New York.....	4,081,435	35,872	4,117,307	4,059,953	90,778	4,150,731
North Carolina.....	777,805	0	777,805	815,908	0	815,908
North Dakota.....	101,930	0	101,930	104,051	0	104,051
Ohio.....	2,807,626	243,334	3,050,960	2,590,339	520,769	3,111,108
Oklahoma.....	877,236	0	877,236	867,495	427	867,922
Oregon.....	477,796	0	477,796	502,000	0	502,000
Pennsylvania.....	2,287,814	205,825	2,493,639	2,236,487	250,217	2,486,704
Rhode Island.....	208,208	0	208,208	211,097	0	211,097
South Carolina .....	460,141	0	460,141	473,799	0	473,799
South Dakota .....	133,095	0	133,095	136,789	0	136,789
Tennessee .....	905,757	0	905,757	915,504	0	915,504
Texas.....	3,600,505	0	3,600,505	3,613,863	1	3,613,864
Utah.....	588,364	0	588,364	609,603	0	609,603
Vermont.....	26,664	0	26,664	27,931	0	27,931
Virginia .....	843,157	4,781	847,938	855,678	38,209	893,887
Washington .....	737,208	0	737,208	779,104	0	779,104
West Virginia.....	359,743	40	359,783	362,258	34	362,292
Wisconsin.....	1,388,630	1,438	1,390,068	1,425,334	1,575	1,426,909
Wyoming.....	117,839	9,485	127,324	118,545	9,205	127,750
<b>Total.....</b>	<b>56,520,482</b>	<b>801,264</b>	<b>57,321,746</b>	<b>56,001,318</b>	<b>2,199,519</b>	<b>58,200,837</b>

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Please see the cautionary note regarding the number of residential customers located in the Consumption and Consumer Prices sections of this report.

Table 19. Number of Natural Gas Commercial Consumers by State, 1998-1999

State	1998			1999		
	Sales	Transported	Total	Sales	Transported	Total
Alabama .....	76,352	115	76,467	64,076	109	64,185
Alaska.....	12,406	770	13,176	12,524	885	13,409
Arizona.....	51,664	48	51,712	52,729	294	53,023
Arkansas.....	69,945	29	69,974	71,353	36	71,389
California.....	571,302	16,922	588,224	399,042	17,749	416,791
Colorado.....	124,947	231	125,178	128,812	230	129,042
Connecticut.....	44,172	2,938	47,110	44,817	5,113	49,930
D.C.....	10,580	78	10,658	10,283	1,825	12,108
Delaware.....	10,081	0	10,081	10,440	1	10,441
Florida.....	46,596	182	46,778	49,778	274	50,052
Georgia.....	125,990	60	126,050	126,347	98,673	225,020
Hawaii.....	2,761	0	2,761	2,763	0	2,763
Idaho.....	27,664	33	27,697	28,886	37	28,923
Illinois.....	239,750	31,835	271,585	225,926	48,993	274,919
Indiana.....	140,919	388	141,307	141,433	4,198	145,631
Iowa.....	90,896	404	91,300	91,886	420	92,306
Kansas.....	84,991	4,663	89,654	81,008	5,029	86,037
Kentucky.....	80,068	79	80,147	80,196	87	80,283
Louisiana.....	62,959	70	63,029	62,843	69	62,912
Maine.....	6,662	0	6,662	6,582	0	6,582
Maryland.....	55,443	12,407	67,850	52,101	17,200	69,301
Massachusetts.....	99,596	9,236	108,832	103,647	9,530	113,177
Michigan.....	217,315	7,191	224,506	214,846	12,313	227,159
Minnesota.....	110,915	71	110,986	114,057	70	114,127
Mississippi.....	45,339	6	45,345	47,615	6	47,621
Missouri.....	135,131	286	135,417	133,166	298	133,464
Montana.....	27,821	244	28,065	28,180	244	28,424
Nebraska.....	50,236	13,583	63,819	37,563	16,380	53,943
Nevada.....	28,966	64	29,030	30,314	207	30,521
New Hampshire.....	13,484	28	13,512	13,881	51	13,932
New Jersey.....	208,614	25,845	234,459	206,976	25,855	232,831
New Mexico.....	41,210	857	42,067	42,740	1,095	43,835
New York.....	324,919	23,775	348,694	318,704	33,322	352,026
North Carolina.....	100,106	145	100,251	104,151	143	104,294
North Dakota.....	14,336	86	14,422	14,971	79	15,050
Ohio.....	220,563	37,513	258,076	199,481	66,621	266,102
Oklahoma.....	89,086	625	89,711	80,320	668	80,988
Oregon.....	63,075	10	63,085	65,028	6	65,034
Pennsylvania.....	194,813	21,706	216,519	192,317	31,415	223,732
Rhode Island.....	20,637	1,499	22,136	20,591	1,663	22,254
South Carolina.....	52,190	47	52,237	53,391	45	53,436
South Dakota.....	17,809	163	17,972	18,296	157	18,453
Tennessee.....	109,720	52	109,772	109,999	73	110,072
Texas.....	319,179	1,743	320,922	313,375	1,226	314,601
Utah.....	42,026	28	42,054	43,833	28	43,861
Vermont.....	4,034	0	4,034	4,219	0	4,219
Virginia.....	76,836	384	77,220	76,739	3,761	80,500
Washington.....	77,721	49	77,770	80,959	36	80,995
West Virginia.....	33,565	1,797	35,362	34,048	1,435	35,483
Wisconsin.....	133,648	1,003	134,651	134,441	1,388	135,829
Wyoming.....	14,804	1,367	16,171	14,956	1,359	16,315
<b>Total.....</b>	<b>4,823,842</b>	<b>220,655</b>	<b>5,044,497</b>	<b>4,596,629</b>	<b>410,696</b>	<b>5,007,325</b>

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 20. Number of Natural Gas Industrial Consumers by State, 1998-1999

State	1998			1999		
	Sales	Transported	Total	Sales	Transported	Total
Alabama .....	2,225	240	2,465	2,387	239	2,626
Alaska .....	5	2	7	6	3	9
Arizona .....	436	78	514	437	117	554
Arkansas .....	997	305	1,302	1,070	325	1,395
California .....	35,044	1,926	36,970	35,240	2,026	37,266
Colorado .....	566	2,784	3,350	564	4,164	4,728
Connecticut .....	3,025	416	3,441	2,796	669	3,465
Delaware .....	213	44	257	216	48	264
Florida .....	368	211	579	337	242	579
Georgia .....	2,968	295	3,263	3,228	2,354	5,582
Hawaii .....	26	0	26	29	0	29
Idaho .....	117	86	203	121	79	200
Illinois .....	20,435	7,629	28,064	16,878	10,728	27,606
Indiana .....	6,194	442	6,636	4,848	14,222	19,070
Iowa .....	1,473	405	1,878	1,497	313	1,810
Kansas .....	6,122	4,585	10,707	3,205	2,624	5,829
Kentucky .....	1,481	383	1,864	1,370	443	1,813
Louisiana .....	999	405	1,404	1,004	418	1,422
Maine .....	106	4	110	101	7	108
Maryland .....	250	1,222	1,472	193	344	537
Massachusetts .....	9,758	1,497	11,255	5,471	2,566	8,037
Michigan .....	10,095	1,796	11,891	10,111	4,419	14,530
Minnesota .....	2,027	161	2,188	2,034	233	2,267
Mississippi .....	1,104	61	1,165	1,314	68	1,382
Missouri .....	3,105	418	3,523	3,135	418	3,553
Montana .....	407	47	454	361	36	397
Nebraska .....	753	9,920	10,673	707	9,635	10,342
Nevada .....	69	28	97	80	34	114
New Hampshire .....	326	63	389	345	72	417
New Jersey .....	14,060	2,235	16,295	8,054	2,057	10,111
New Mexico .....	1,467	82	1,549	1,412	70	1,482
New York .....	5,115	1,153	6,268	4,741	1,423	6,164
North Carolina .....	5,612	616	6,228	5,065	611	5,676
North Dakota .....	355	49	404	179	47	226
Ohio .....	5,197	2,917	8,114	4,860	3,277	8,137
Oklahoma .....	3,116	214	3,330	2,595	464	3,059
Oregon .....	538	157	695	539	179	718
Pennsylvania .....	4,519	2,221	6,740	4,676	2,415	7,091
Rhode Island .....	323	2	325	304	4	308
South Carolina .....	1,447	281	1,728	1,496	273	1,769
South Dakota .....	427	37	464	407	38	445
Tennessee .....	5,011	208	5,219	2,263	192	2,455
Texas .....	6,887	1,403	8,290	4,204	1,453	5,657
Utah .....	3,518	79	3,597	3,507	118	3,625
Vermont .....	36	0	36	36	1	37
Virginia .....	2,208	261	2,469	2,712	274	2,986
Washington .....	3,686	162	3,848	3,881	161	4,042
West Virginia .....	50	167	217	76	71	147
Wisconsin .....	7,912	1,246	9,158	8,242	1,515	9,757
Wyoming .....	246	71	317	242	72	314
<b>Total .....</b>	<b>182,424</b>	<b>49,014</b>	<b>231,438</b>	<b>158,576</b>	<b>71,561</b>	<b>230,137</b>

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."



# **Natural Gas Consumer Prices**

### Cautionary Note: Number of Residential Consumers

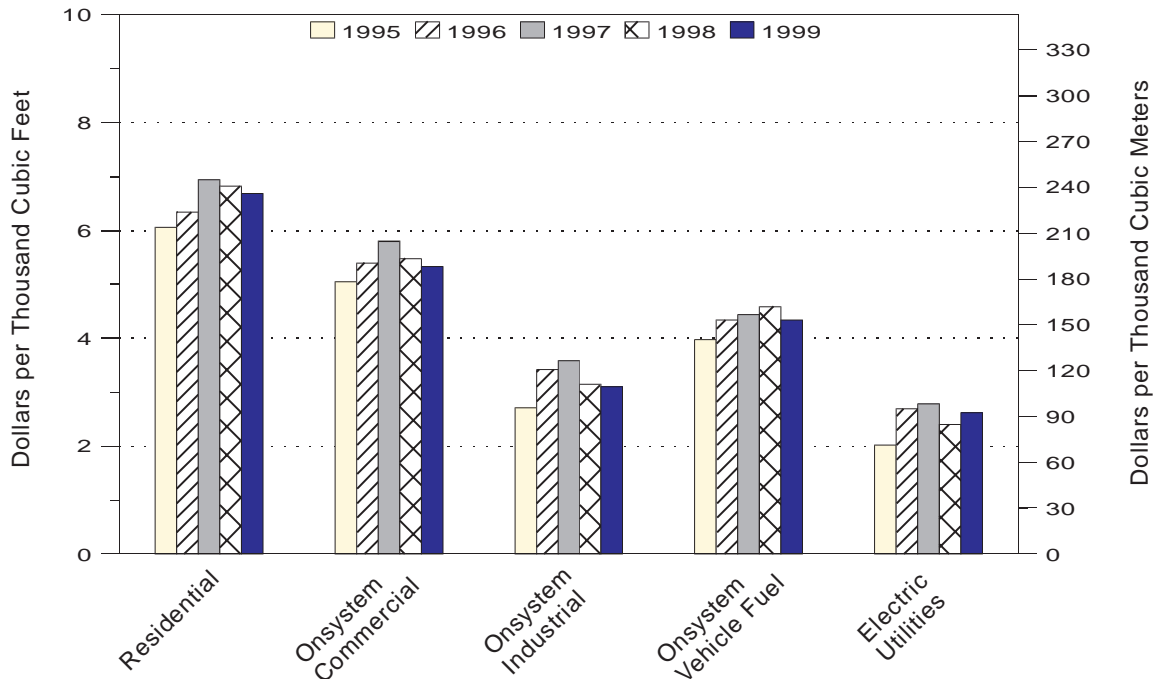
The Energy Information Administration (EIA) expects that there may be some double counting in the number of residential users reported for 1998 and 1999, specifically that some residential customers were reported as both sales and transportation customers.

EIA collects information on number of residential consumers, through a survey of companies that deliver gas to consumers (Form EIA-176). The survey asks for the number of residential customers companies serve as sales customers and as customers to whom they deliver gas purchased from others. Traditionally, residential customers obtained the gas and all services associated with delivering it from their local distribution company (LDC). The LDC records these customers as sales customers. Customer choice programs allow consumers to select the provider from whom they purchase gas. When customers elect to purchase gas from a provider other than the LDC, the LDC continues to deliver the gas to the household even though it no longer sells the gas. When customers switch to another provider, they become transportation customers for the LDC. A residential customer who enters a customer choice program will be classified both as a traditional sales customer and, after entering the program, as a transportation customer. This double reporting affects the number of residential consumers shown in the *Natural Gas Annual*.

Table 18 assists readers in evaluating the extent and possible effect of double reporting. It lists the number of residential sales and transportation customers reported on Form EIA-176 for 1998 and 1999. Appendix A includes the survey Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." Numbers of residential customers are reported on this form for both sales (in Part V, line 5.4.1) and transportation (in Part V, line 7.4.1).

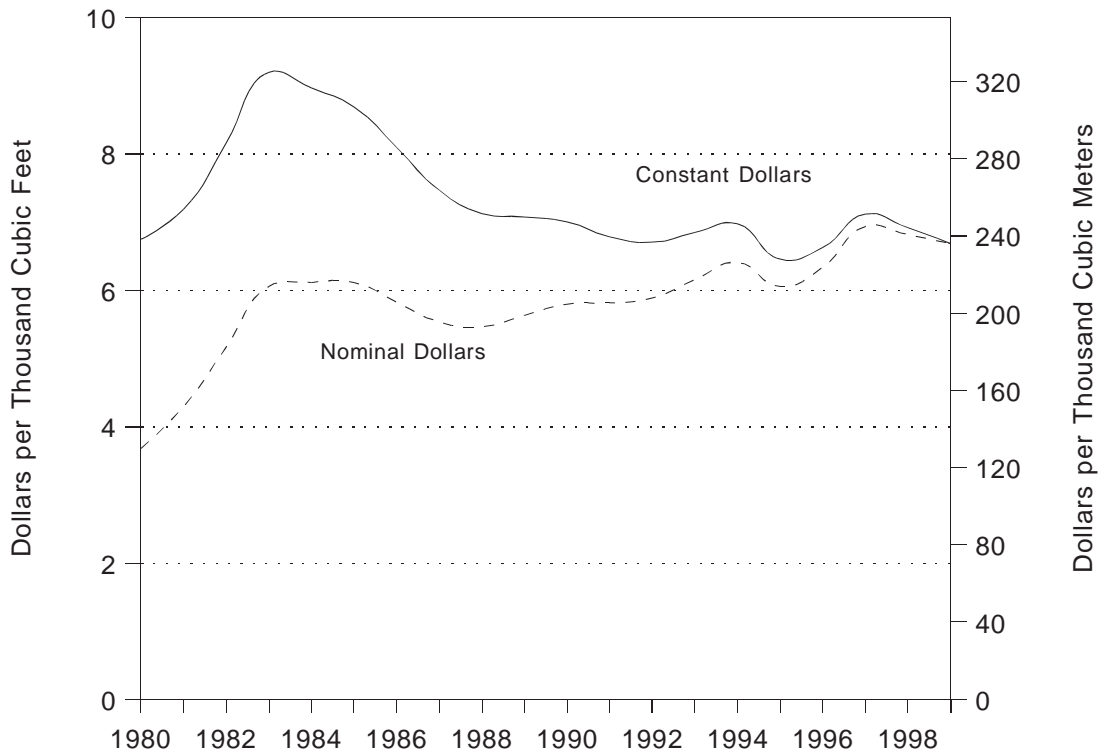
Several customer choice programs, also known as retail unbundling programs, were implemented during 1998 and 1999. A description of these programs for States offering customer choice is on the EIA web site at: [www.eia.doe.gov/oil\\_gas/natural\\_gas/restructure/restructure.html](http://www.eia.doe.gov/oil_gas/natural_gas/restructure/restructure.html).

**Figure 13. Average Price of Natural Gas Delivered to Consumers in the United States, 1995-1999**



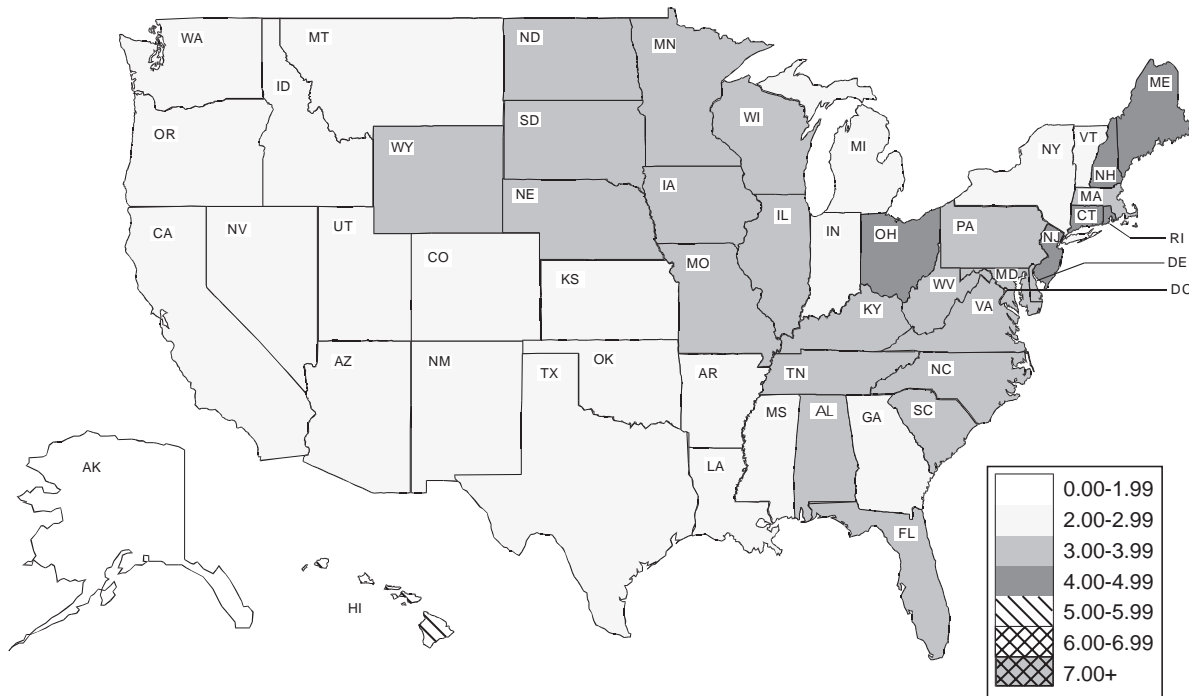
**Note:** Onsystem sales deliveries represent 66.1 percent of commercial deliveries, 17.4 percent of industrial deliveries, and 85.6 percent of vehicle fuel deliveries in 1999.  
**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Federal Energy Regulatory Commission (FERC), Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Figure 14. Average Price of Natural Gas Delivered to Residential Consumers, 1980-1999**



**Sources:** Nominal dollars: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." Constant dollars: Prices were converted to 1999 dollars using the chain-type price indexes for Gross Domestic Product (1996 = 1.0) as published by the U. S. Department of Commerce, Bureau of Economic Analysis.

**Figure 15. Average City Gate Price of Natural Gas in the United States, 1999**  
(Dollars per Thousand Cubic Feet)



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

**Table 21. Average City Gate Price of Natural Gas in the United States, 1995-1999**  
(Dollars per Thousand Cubic Feet)

State	Average Price				
	1995	1996	1997	1998	1999
Alabama .....	2.89	3.48	3.65	3.17	3.21
Alaska .....	1.67	1.58	1.81	1.72	1.32
Arizona .....	2.10	2.78	3.15	2.55	2.72
Arkansas .....	2.32	2.76	3.23	2.94	2.81
California .....	2.03	2.59	2.98	2.38	2.61
Colorado .....	2.65	2.70	2.92	2.40	2.31
Connecticut .....	4.70	5.11	5.11	5.06	4.91
Delaware .....	2.70	3.68	3.53	3.02	3.45
Florida .....	2.74	3.73	3.97	3.42	3.49
Georgia .....	2.96	3.77	3.98	3.51	2.95
Hawaii .....	5.20	6.05	6.42	5.33	5.62
Idaho .....	2.18	2.24	2.12	1.95	2.23
Illinois .....	2.59	3.27	3.28	2.77	3.00
Indiana .....	2.84	3.09	3.03	2.45	2.46
Iowa .....	2.82	3.47	4.06	3.34	3.30
Kansas .....	2.36	3.05	3.47	2.96	2.96
Kentucky .....	2.80	3.41	3.83	3.23	3.27
Louisiana .....	2.21	3.13	3.04	2.33	2.70
Maine .....	3.35	4.30	3.84	3.43	4.61
Maryland .....	2.87	4.02	4.02	4.12	3.45
Massachusetts .....	3.53	3.98	3.85	4.01	3.74
Michigan .....	2.61	2.90	2.99	2.80	2.83
Minnesota .....	2.52	3.07	3.67	2.98	3.06
Mississippi .....	2.53	3.27	3.39	3.00	2.88
Missouri .....	2.73	3.25	3.75	3.33	3.34
Montana .....	3.01	3.03	3.16	2.43	2.57
Nebraska .....	2.49	3.07	4.24	3.02	3.12
Nevada .....	2.73	3.10	3.39	3.02	2.59
New Hampshire .....	3.39	4.20	4.10	3.75	4.07
New Jersey .....	3.34	3.84	4.19	3.71	4.48
New Mexico .....	1.46	1.99	2.53	2.08	2.24
New York .....	2.47	3.36	4.20	2.65	2.92
North Carolina .....	2.95	3.74	3.97	3.49	3.33
North Dakota .....	2.58	2.94	3.38	2.81	3.07
Ohio .....	3.84	4.37	5.18	4.70	4.83
Oklahoma .....	2.52	2.56	3.12	2.55	2.84
Oregon .....	2.42	2.42	2.58	2.73	2.93
Pennsylvania .....	3.09	2.68	4.09	4.12	3.65
Rhode Island .....	3.57	4.41	4.49	3.78	4.19
South Carolina .....	3.25	3.90	3.81	3.39	3.46
South Dakota .....	2.88	3.19	3.65	3.24	3.52
Tennessee .....	2.71	4.04	3.60	3.47	3.15
Texas .....	2.95	3.22	3.66	2.63	2.84
Utah .....	2.88	2.25	2.79	3.22	2.98
Vermont .....	2.61	2.74	2.33	2.58	2.85
Virginia .....	2.92	3.89	4.14	3.74	3.81
Washington .....	2.18	2.44	2.62	2.34	2.63
West Virginia .....	2.85	3.36	3.17	3.17	3.40
Wisconsin .....	2.83	3.43	3.67	3.29	3.08
Wyoming .....	2.72	2.36	3.11	2.73	3.59
<b>Total .....</b>	<b>2.78</b>	<b>3.27</b>	<b>3.66</b>	<b>3.07</b>	<b>3.10</b>

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

**Table 22. Average Price of Natural Gas Delivered to Residential Consumers by State, 1995-1999**  
(Dollars per Thousand Cubic Feet)

State	1995		1996		1997		1998		1999	
	Average Price	Percentage of Total Volume Delivered	Average Price	Percentage of Total Volume Delivered	Average Price	Percentage of Total Volume Delivered	Average Price	Percentage of Total Volume Delivered	Average Price	Percentage of Total Volume Delivered
Alabama.....	6.86	100.0	7.22	100.0	8.35	100.0	8.21	100.0	8.34	100.0
Alaska .....	3.63	100.0	3.42	100.0	3.77	100.0	3.67	100.0	3.64	100.0
Arizona.....	7.82	100.0	7.52	100.0	7.83	100.0	8.50	100.0	9.13	100.0
Arkansas.....	5.48	100.0	5.92	100.0	6.67	100.0	6.85	100.0	7.22	100.0
California.....	6.42	99.4	6.44	99.3	6.81	99.2	6.92	99.3	6.62	99.3
Colorado.....	4.80	100.0	4.39	100.0	4.81	100.0	5.22	100.0	5.38	100.0
Connecticut.....	10.00	100.0	10.08	100.0	10.33	100.0	10.60	100.0	10.54	100.0
D.C.....	8.03	100.0	9.19	100.0	9.39	100.0	8.91	99.6	8.70	93.2
Delaware.....	6.60	100.0	7.12	100.0	8.36	100.0	8.90	100.0	8.63	100.0
Florida.....	9.85	99.4	10.74	99.3	11.90	99.2	11.29	99.3	11.59	99.2
Georgia.....	6.18	100.0	6.69	100.0	7.41	100.0	6.78	99.9	4.37	60.2
Hawaii.....	17.55	100.0	19.81	100.0	21.74	100.0	19.25	100.0	18.97	100.0
Idaho.....	5.59	100.0	5.20	100.0	5.12	100.0	5.33	100.0	5.42	100.0
Illinois.....	4.66	93.1	5.28	93.5	5.95	93.0	5.47	92.2	5.50	91.8
Indiana.....	5.37	100.0	5.54	100.0	6.37	100.0	6.56	99.9	6.03	99.4
Iowa.....	5.09	100.0	5.49	99.9	6.17	100.0	5.96	100.0	6.10	100.0
Kansas.....	4.91	100.0	5.59	100.0	6.42	100.0	6.00	100.0	5.98	100.0
Kentucky.....	5.05	100.0	5.54	100.0	6.37	100.0	6.03	100.0	5.72	100.0
Louisiana.....	6.01	100.0	6.76	100.0	7.16	100.0	6.68	100.0	6.83	100.0
Maine.....	7.32	100.0	7.84	100.0	8.47	100.0	8.09	100.0	7.47	100.0
Maryland.....	6.62	100.0	7.60	98.4	8.36	96.8	8.29	88.4	8.41	82.7
Massachusetts.....	9.04	100.0	8.88	99.9	9.43	99.1	9.42	98.1	9.25	98.3
Michigan.....	4.72	98.9	4.96	98.9	5.20	98.9	5.17	98.8	5.13	97.8
Minnesota.....	4.80	100.0	5.46	100.0	5.76	100.0	5.48	100.0	5.56	100.0
Mississippi.....	5.28	100.0	5.72	100.0	6.35	100.0	6.08	100.0	5.99	100.0
Missouri.....	5.16	100.0	5.97	100.0	6.61	100.0	6.57	100.0	6.36	100.0
Montana.....	5.15	98.9	4.86	100.0	5.05	100.0	5.25	100.0	5.16	100.0
Nebraska.....	4.83	100.0	4.88	100.0	5.69	100.0	5.13	94.4	5.06	84.0
Nevada.....	6.76	100.0	6.19	100.0	6.27	100.0	7.11	100.0	7.14	100.0
New Hampshire.....	7.16	100.0	7.40	100.0	8.48	100.0	8.12	100.0	7.67	100.0
New Jersey.....	7.27	100.0	7.16	100.0	7.93	99.7	7.33	98.8	7.46	97.5
New Mexico.....	5.04	100.0	4.47	100.0	5.87	100.0	5.22	100.0	5.03	100.0
New York.....	8.42	99.2	8.90	99.0	9.73	98.8	9.59	95.5	9.12	91.9
North Carolina.....	6.93	100.0	7.59	100.0	8.98	100.0	8.69	100.0	8.33	100.0
North Dakota.....	4.66	100.0	4.54	100.0	4.99	100.0	5.16	100.0	5.32	100.0
Ohio.....	5.46	100.0	5.90	100.0	6.75	99.0	6.43	94.2	6.24	84.8
Oklahoma.....	5.56	100.0	5.64	100.0	6.23	100.0	5.93	100.0	5.97	100.0
Oregon.....	6.74	100.0	6.31	100.0	6.21	100.0	6.81	100.0	7.13	100.0
Pennsylvania.....	7.16	99.9	7.38	99.9	8.33	98.1	8.45	92.4	8.30	88.7
Rhode Island.....	8.02	100.0	8.49	100.0	9.61	100.0	9.56	100.0	9.53	100.0
South Carolina.....	7.54	100.0	7.41	100.0	8.37	100.0	8.30	100.0	8.46	100.0
South Dakota.....	5.05	100.0	5.25	100.0	5.75	100.0	5.59	100.0	5.83	100.0
Tennessee.....	5.77	100.0	6.26	100.0	6.91	100.0	6.73	100.0	6.55	100.0
Texas.....	5.92	100.0	5.89	100.0	6.32	100.0	6.16	100.0	6.09	100.0
Utah.....	4.74	100.0	4.47	100.0	5.13	100.0	5.57	100.0	5.37	100.0
Vermont.....	6.82	100.0	6.40	100.0	6.41	100.0	6.54	100.0	7.18	100.0
Virginia.....	7.18	100.0	7.94	100.0	8.60	100.0	8.57	99.6	8.61	96.0
Washington.....	5.89	100.0	5.65	100.0	5.64	100.0	5.84	100.0	5.88	100.0
West Virginia.....	7.05	99.9	7.02	99.9	6.81	100.0	7.29	100.0	7.42	100.0
Wisconsin.....	5.82	100.0	6.04	100.0	6.43	99.9	6.15	99.9	6.17	99.9
Wyoming.....	4.83	100.0	4.26	93.8	4.58	92.8	5.19	92.2	5.11	96.1
<b>Total.....</b>	<b>6.06</b>	<b>99.1</b>	<b>6.34</b>	<b>99.1</b>	<b>6.94</b>	<b>98.8</b>	<b>6.82</b>	<b>97.7</b>	<b>6.69</b>	<b>95.2</b>

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 23. Average Price of Natural Gas Delivered to Consumers by State, 1999**  
(Dollars per Thousand Cubic Feet)

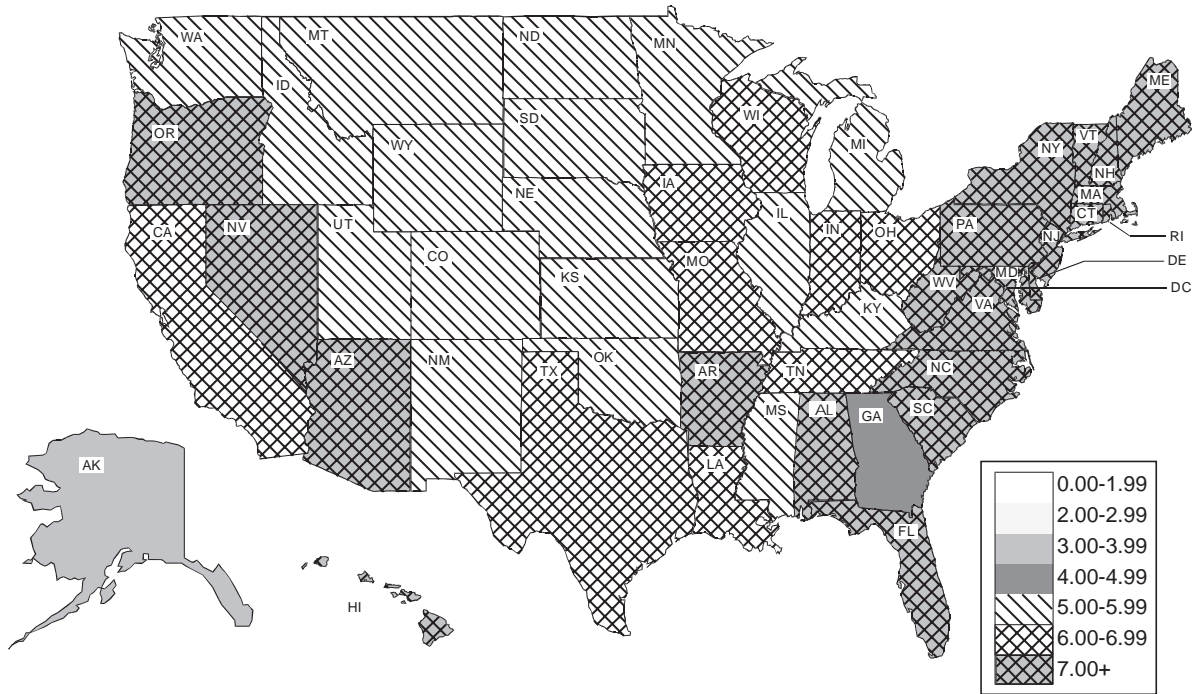
State	Commercial		Industrial		Vehicle Fuel		Electric Utilities
	Average Price	Percentage of Total Volume Delivered	Average Price	Percentage of Total Volume Delivered	Average Price	Percentage of Total Volume Delivered	Average Price
Alabama.....	6.68	70.5	3.42	21.8	7.62	100.0	2.98
Alaska.....	2.18	55.4	1.25	99.1	—	—	1.59
Arizona.....	6.17	82.5	3.43	36.2	5.28	100.0	2.67
Arkansas.....	5.38	89.3	3.45	9.6	5.03	100.0	2.59
California.....	6.17	57.1	3.34	8.5	4.43	79.0	2.76
Colorado.....	4.43	97.6	2.82	8.1	2.09	100.0	2.65
Connecticut.....	6.54	62.8	4.15	55.8	5.11	100.0	2.74
D.C.....	7.38	45.9	—	—	2.80	100.0	—
Delaware.....	7.00	98.8	4.07	16.6	2.91	100.0	2.98
Florida.....	6.51	94.5	4.03	5.4	4.56	100.0	3.10
Georgia.....	3.87	61.0	3.41	23.0	3.98	94.2	2.57
Hawaii.....	14.33	100.0	8.21	100.0	—	—	—
Idaho.....	4.77	85.9	3.29	2.7	3.58	100.0	—
Illinois.....	5.20	42.8	4.06	9.1	2.94	100.0	2.41
Indiana.....	5.17	78.3	4.16	5.7	6.53	68.7	2.97
Iowa.....	4.79	83.4	3.98	7.4	2.57	100.0	3.15
Kansas.....	4.98	67.3	2.95	9.4	6.08	25.2	2.36
Kentucky.....	5.14	87.9	3.32	18.4	6.68	100.0	3.49
Louisiana.....	5.72	93.8	2.54	8.5	4.47	100.0	2.59
Maine.....	6.65	100.0	4.93	78.2	—	—	—
Maryland.....	6.95	33.4	5.69	5.7	3.05	100.0	3.20
Massachusetts.....	7.63	59.8	5.23	18.7	4.65	100.0	2.72
Michigan.....	4.87	56.6	3.69	8.8	3.73	100.0	1.53
Minnesota.....	4.44	97.2	2.98	39.8	3.41	96.5	2.69
Mississippi.....	4.87	96.0	3.24	26.3	2.91	100.0	2.49
Missouri.....	5.47	78.6	4.42	18.7	3.04	100.0	2.66
Montana.....	5.13	79.8	3.44	1.7	3.79	97.6	2.01
Nebraska.....	4.14	66.6	3.38	14.2	—	—	2.80
Nevada.....	6.02	60.9	4.76	8.0	3.84	100.0	2.51
New Hampshire.....	6.86	93.2	4.60	24.3	—	—	2.67
New Jersey.....	3.99	56.0	3.14	45.6	7.38	100.0	3.08
New Mexico.....	3.78	62.4	2.72	17.5	4.23	49.7	2.31
New York.....	5.15	57.2	3.89	4.9	5.14	100.0	2.85
North Carolina.....	6.22	93.8	3.78	48.5	—	—	2.92
North Dakota.....	4.51	88.2	2.80	14.9	4.50	100.0	—
Ohio.....	5.59	46.4	3.94	4.0	3.26	100.0	3.15
Oklahoma.....	5.11	71.5	3.52	3.9	1.72	100.0	2.79
Oregon.....	5.66	98.8	4.01	13.6	6.00	100.0	1.96
Pennsylvania.....	7.29	56.9	3.99	11.4	5.93	68.3	3.03
Rhode Island.....	8.03	53.2	4.40	4.1	4.83	100.0	—
South Carolina.....	6.54	97.1	3.39	86.1	5.26	100.0	3.57
South Dakota.....	4.52	81.2	3.35	37.0	4.83	100.0	2.78
Tennessee.....	5.75	88.5	3.72	35.2	5.08	100.0	NA
Texas.....	4.42	77.3	2.55	24.7	3.17	100.0	2.51
Utah.....	4.12	82.9	2.94	9.5	5.32	100.0	2.65
Vermont.....	5.69	100.0	3.06	76.6	—	—	3.23
Virginia.....	5.99	67.4	3.95	11.3	6.25	100.0	3.16
Washington.....	4.89	89.3	2.78	25.5	3.84	100.0	NA
West Virginia.....	6.23	51.8	3.04	10.8	2.55	100.0	3.00
Wisconsin.....	4.85	79.0	4.05	20.6	1.94	88.6	2.93
Wyoming.....	4.38	89.2	3.30	2.9	6.17	100.0	3.89
<b>Total.....</b>	<b>5.33</b>	<b>66.1</b>	<b>3.10</b>	<b>17.4</b>	<b>4.34</b>	<b>85.6</b>	<b>2.62</b>

NA = Not available.  
— = Not applicable.

**Notes:** Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

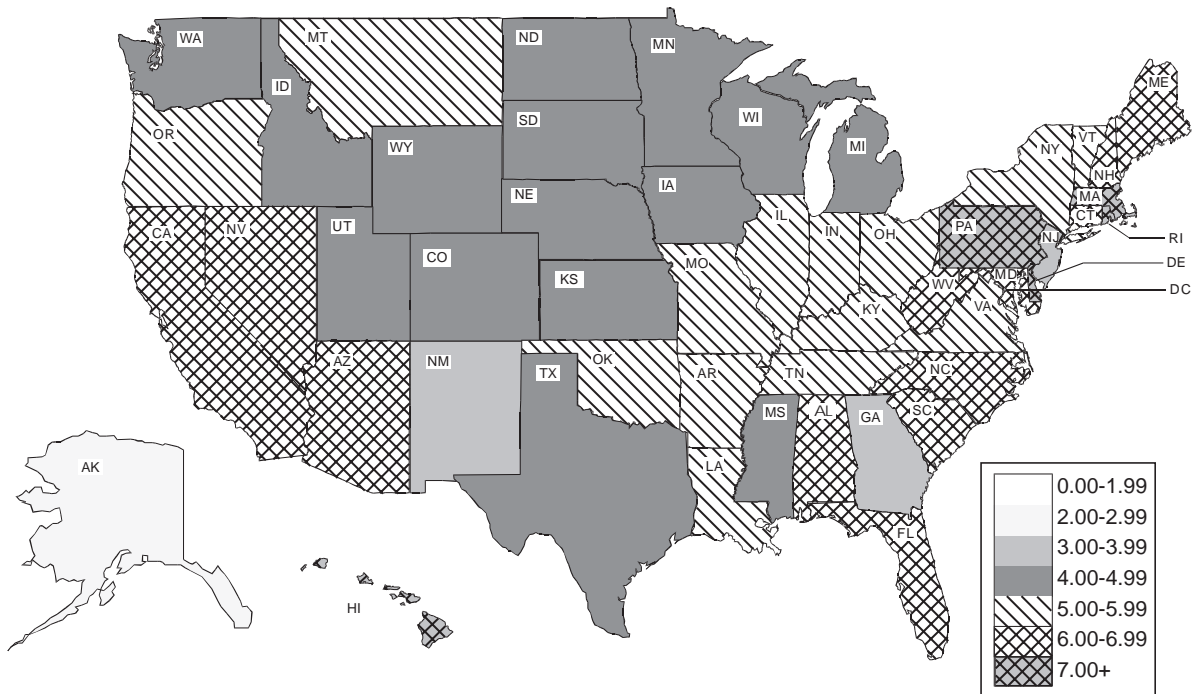
**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and Federal Energy Regulatory Commission (FERC), Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Figure 16. Average Price of Natural Gas Delivered to U.S. Residential Consumers, 1999**  
(Dollars per Thousand Cubic Feet)



Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

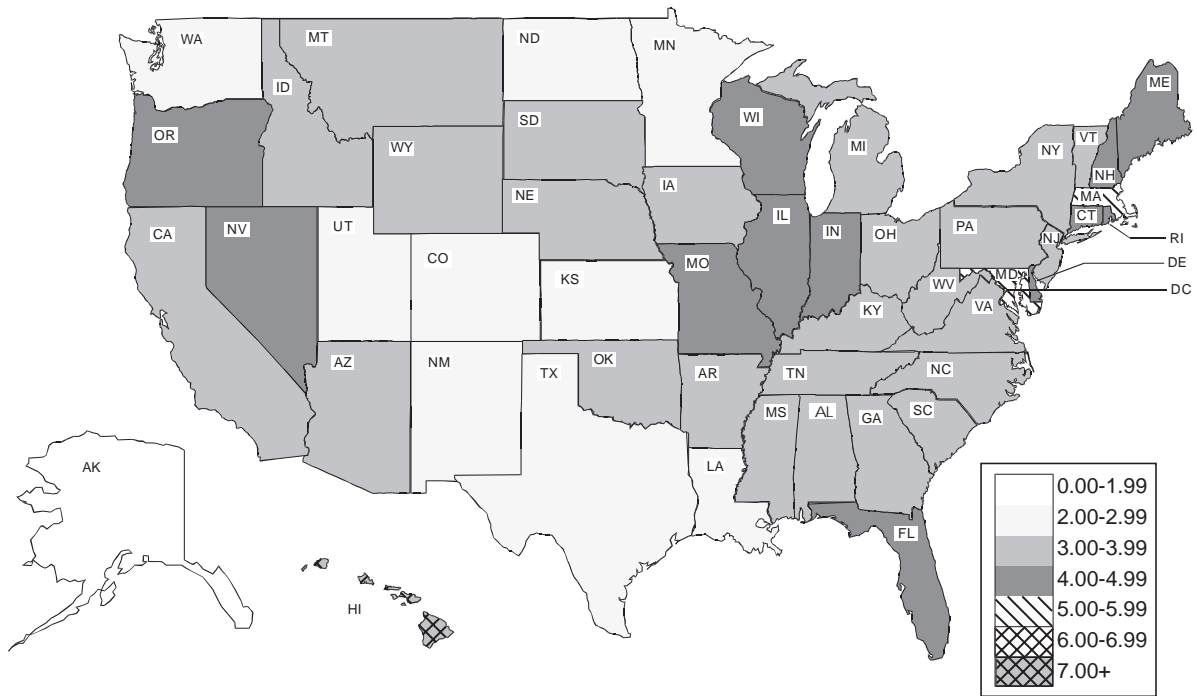
**Figure 17. Average Price of Natural Gas Delivered to U.S. Onsystem Commercial Consumers, 1999**  
(Dollars per Thousand Cubic Feet)



Note: Commercial prices include natural gas delivered for use as vehicle fuel.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 18. Average Price of Natural Gas Delivered to U.S. Onsystem Industrial Consumers, 1999**  
(Dollars per Thousand Cubic Feet)



Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 19. Average Price of Natural Gas Delivered to U.S. Electric Utilities, 1999**  
(Dollars per Thousand Cubic Feet)



Sources: Federal Energy Regulatory Commission (FERC), Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."



**Table 24. Leading Suppliers of Natural Gas Sold to Residential Customers in the United States, 1999**  
(Volumes in Thousand Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Company	State	Volume	Prices
Southern California Gas Co .....	CA	275,767,714	6.50
Pacific Gas and Elec Co.....	CA	234,195,449	6.61
Nicor Gas .....	IL	211,147,988	4.71
Consumers Energy Co.....	MI	167,318,229	4.89
Michigan Consol Gas Co.....	MI	134,432,032	5.42
Pub Svc Elec and Gas Co.....	NJ	133,426,119	6.86
East Ohio Gas Co .....	OH	127,141,913	5.81
Keyspan Energy Del Co.....	NY	125,709,092	9.79
Columbia Gas Dist Co.....	KY,PA,MD,OH	121,011,064	7.32
Peoples Gas Lt and Coke Co.....	IL	98,758,164	6.77
Pub Svc Co of Colorado.....	CO	84,115,032	5.28
Natl Fuel Gas Distr .....	PA,NY	71,317,560	8.21
Lone Star Gas Co.....	TX	69,066,379	5.90
Peoples Nat Gas Co.....	NE,SD,IA,CO,KS,MN,PA	68,698,934	6.26
Washington Gas Lt Co .....	MD,VA,DC	66,021,952	7.98
Northern Indiana Pub Svc Co .....	IN	63,289,425	5.71
Minnegasco .....	MN	62,198,225	5.47
Entex Div of Noram Energy Corp.....	TX,LA,MS	59,841,824	6.86
Questar Gas Co .....	UT,WY,ID	56,953,780	5.38
Southwest Gas Corp .....	CA,AZ,NV	54,013,837	8.73
Laclede Gas Co.....	MO	52,041,114	6.18
Niagara Mohawk Pwr Corp .....	NY	50,536,342	7.72
MidAmerican Energy Co .....	IA,NE,IL,SD	50,308,242	5.95
Kansas Gas Svs Co .....	KS,OK	49,508,002	6.01
Oklahoma Nat Gas Co .....	OK	48,886,931	5.88
Puget Sound Energy .....	WA	48,158,950	6.11
Wisconsin Gas Co.....	WI	44,038,783	6.34
Philadelphia Gas Wks .....	PA	43,772,344	8.27
Con Edison Co of New York Inc.....	NY	43,193,902	11.51
Indiana Gas Co Inc.....	IN	42,915,000	6.42
Atlanta Gas Lt Co .....	GA	42,425,916	3.21
Arkla A Noram Energy Co.....	TX,OK,LA,AR	40,412,096	7.50
Northern States Pwr Co .....	MI,ND,MN,WI	40,221,859	5.94
Boston Gas Co .....	MA	39,252,581	9.08
Southern Union Co.....	FL,MO	37,733,133	6.57
San Diego Gas and Elec Co .....	CA	37,729,967	7.16
Peco Energy Co .....	PA	34,000,337	8.33
Northwest Nat Gas Co .....	WA,OR	33,667,002	7.22
Baltimore Gas and Elec Co.....	MD	32,985,102	9.04
Wisconsin Elec Pwr Co .....	WI	32,478,257	5.97
Illinois Pwr Co.....	IL	32,323,073	6.01
New Jersey Nat Gas Co.....	NJ	32,275,320	9.06
PNM Gas Services .....	NM	30,865,352	4.94
Piedmont Nat Gas Co .....	SC,NC	29,248,519	8.10
Rochester Gas and Elec Co.....	NY	26,536,644	8.23
Alabama Gas Corp .....	AL	26,272,623	8.40
Cincinnati Gas and Elec Co .....	OH	25,915,623	6.28
Dayton Pwr and Lt Co .....	OH	25,896,776	5.67
Semco Energy Gas Company.....	MI	23,929,930	5.07
NUI Corp .....	NC,MD,NJ,FL,PA	23,873,646	8.53

**Notes:** Natural gas companies with the 50 largest amounts of on-system sales to residential consumers were selected from the respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." Prices are calculated from the company total reported volumes of on-system sales to residential consumers and the total reported associated revenue. When more than one State of operation is

indicated, the price has been calculated from the sum of the volumes and revenues reported by the company for all of the States shown.

**Source:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 25. Leading Suppliers of Natural Gas Sold to Commercial Consumers in the United States, 1999**  
(Volumes in Thousand Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Company	State	Volume	Price
Con Edison Co of New York Inc.....	NY	102,311,001	3.84
Pub Svc Elec and Gas Co.....	NJ	73,839,186	3.05
Southern California Gas Co.....	CA	62,380,076	5.55
Pacific Gas and Elec Co.....	CA	58,692,831	6.82
Keyspan Energy Del Co.....	NY	53,162,984	6.07
Minnegasco.....	MN	52,910,769	4.25
Entex Div of Noram Energy Corp.....	TX,LA,MS	47,337,378	4.81
Lone Star Gas Co.....	TX	45,843,050	4.67
Consumers Energy Co.....	MI	45,391,308	4.50
Michigan Consol Gas Co.....	MI	41,336,416	5.38
Pub Svc Co of Colorado.....	CO	39,230,403	4.47
Columbia Gas Dist Co.....	KY,PA,MD,OH	35,550,535	6.78
Southwest Gas Corp.....	CA,AZ,NV	31,720,003	6.55
East Ohio Gas Co.....	OH	31,118,843	5.35
Nicor Gas.....	IL	29,738,725	4.75
Puget Sound Energy.....	WA	27,808,807	4.83
Peoples Nat Gas Co.....	NE,SD,IA,CO,KS,MN,PA	26,214,936	5.06
Questar Gas Co.....	UT,WY,ID	26,091,118	4.11
MidAmerican Energy Co.....	IA,NE,IL,SD	25,526,520	4.61
Northern States Pwr Co.....	MI,ND,MN,WI	25,333,379	4.81
Arkla A Noram Energy Co.....	TX,OK,LA,AR	24,569,266	5.74
Northwest Nat Gas Co.....	WA,OR	24,487,025	5.70
Washington Gas Lt Co.....	MD,VA,DC	21,805,419	6.68
Oklahoma Nat Gas Co.....	OK	21,691,453	5.10
Northern Indiana Pub Svc Co.....	IN	20,541,754	5.06
Piedmont Nat Gas Co.....	SC,NC	19,367,244	6.43
Wisconsin Elec Pwr Co.....	WI	19,282,132	4.93
Laclede Gas Co.....	MO	19,223,936	4.88
Wisconsin Gas Co.....	WI	19,191,306	4.94
Peco Energy Co.....	PA	17,987,261	7.57
Peoples Gas Sys Inc.....	FL	17,920,963	6.46
Atlanta Gas Lt Co.....	GA	17,275,323	2.72
Southern Union Co.....	FL,MO	16,993,240	6.13
Niagara Mohawk Pwr Corp.....	NY	16,551,176	6.51
Kansas Gas Svs Co.....	KS,OK	16,355,234	5.32
Philadelphia Gas Wks.....	PA	15,221,798	7.01
Indiana Gas Co Inc.....	IN	14,767,254	5.57
Peoples Gas Lt and Coke Co.....	IL	14,677,727	6.01
Connecticut Nat Gas Corp.....	CT	14,204,230	5.36
Memphis Lt Gas and Wtr.....	TN	13,989,194	4.03
Natl Fuel Gas Distr.....	PA,NY	13,595,959	7.32
PNM Gas Services.....	NM	13,529,522	3.54
Illinois Pwr Co.....	IL	13,479,589	5.03
Avista Corporation.....	CA,OR,ID,WA	13,169,144	4.25
Cincinnati Gas and Elec Co.....	OH	13,075,257	5.69
San Diego Gas and Elec Co.....	CA	12,702,282	6.01
United Cities Gas Co.....	TN,MO,IA,SC,VA,GA,IL	12,284,334	5.40
Pub Svc Co. of North Carolina.....	NC	11,973,576	6.55
Citizens Gas and Coke Util.....	IN	11,912,539	4.85
Montana Dakota Util.....	SD,ND,MT,WY	11,888,069	4.74

**Notes:** Natural gas companies with the 50 largest amounts of on-system sales to commercial consumers were selected from the respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." Prices are calculated from the company total reported volumes of on-system sales to commercial consumers and the total reported associated revenue. When more than one State of operation is indicated, the price has been calculated from the sum of the volumes and revenues

reported by the company for all of the States shown. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Source:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 26. Leading Suppliers of Natural Gas Sold and Transported in the United States, 1999**  
(Thousand Cubic Feet)

Company	Residential	Commercial	Industrial	Vehicle Fuel	Electric Utilities	Total
Southern California Gas Co.....	277,719,484	114,941,064	269,458,175	2,169,770	82,219,615	746,508,108
Pacific Gas and Elec Co.....	236,015,345	109,165,123	173,522,808	743,788	40,977,372	560,424,436
Lone Star Gas Co.....	69,066,379	47,818,632	278,167,278	0	127,909,424	522,961,713
Nicor Gas.....	222,803,478	91,585,840	137,592,440	5,656	37,794,659	489,782,073
Midcon Texas P L Operator Inc.....	0	0	365,563,289	0	114,011,139	479,574,428
Columbia Gas Dist Co.....	167,055,264	94,607,073	180,274,855	11,992	445,223	442,394,407
Pub Svc Elec and Gas Co.....	133,426,119	124,790,684	142,089,369	0	19,473,675	419,779,847
Florida Gas Trans Co.....	0	0	24,219,053	0	308,870,845	333,089,898
Michigan Consol Gas Co.....	139,497,257	88,759,008	97,399,923	0	2,920,953	328,577,141
Consumers Energy Co.....	169,644,044	66,648,407	84,089,569	25,390	6,045,366	326,452,776
Houston P L Co.....	0	0	197,697,340	0	126,124,886	323,822,226
Keyspan Energy Del Co.....	135,320,183	92,560,490	0	510,281	82,504,012	310,894,966
Tejas Gas P L Lp.....	0	0	198,368,673	0	110,344,594	308,713,267
East Ohio Gas Co.....	131,688,343	56,083,871	100,920,858	387,950	1,177,582	290,258,604
Northern Indiana Pub Svc Co.....	64,256,927	28,839,312	181,937,911	30,263	4,890,582	279,954,995
Con Edison Co of New York Inc.....	59,218,617	135,070,724	2,937,645	45,287	63,636,259	260,908,532
Koch Gateway P L Co.....	0	1,214,652	120,726,796	0	134,434,603	256,376,051
Peoples Nat Gas Co.....	81,368,522	46,843,669	107,584,427	0	792,028	236,588,646
Bridgeline Gas Dist Co.....	0	0	181,497,881	0	54,611,403	236,109,284
Atlanta Gas Lt Co.....	81,776,928	34,271,782	96,295,075	0	16,893,476	229,237,261
Tejas Ship Channel LLC.....	0	0	224,343,107	0	0	224,343,107
Oklahoma Nat Gas Co.....	48,886,931	29,265,940	144,130,812	173,869	402,733	222,860,285
Peoples Gas Lt and Coke Co.....	123,051,724	49,508,584	33,186,275	38,226	1,153,232	206,938,041
Pub Svc Co of Colorado.....	84,115,032	39,230,403	56,478,226	0	18,238,158	198,061,819
PG&E Texas P L LP.....	471	7,282,743	74,194,796	0	110,811,795	192,289,805
Texas Util Fuel Co.....	0	0	0	0	191,063,405	191,063,405
Louisiana Intrastate Gas.....	0	0	175,633,559	0	10,069,955	185,703,514
Southwest Gas Corp.....	54,013,837	44,385,318	29,449,084	112,831	56,707,844	184,668,914
Reliant Energy Gas Trans Co.....	0	0	117,556,654	0	48,298,794	165,855,448
El Paso Energy Intrastate Co.....	0	14,680	111,533,353	0	47,540,016	159,088,049
Entex Div of Noram Energy Corp.....	59,841,824	51,821,855	47,420,984	0	0	159,084,663
Natl Fuel Gas Distr.....	76,016,541	34,222,938	45,065,882	0	0	155,305,361
Washington Gas Lt Co.....	77,591,307	58,231,604	0	52,362	9,222,944	145,098,217
MidAmerican Energy Co.....	50,308,242	33,272,597	51,599,343	708	7,438,386	142,619,276
Minnegasco.....	62,198,225	54,210,567	19,928,037	10,274	1,193,889	137,540,992
Questar Gas Co.....	56,953,780	31,329,289	41,021,622	143,411	6,512,885	135,960,987
Cascade Nat Gas Corp.....	12,382,825	10,442,861	108,547,292	0	0	131,372,978
Northwest Nat Gas Co.....	33,667,002	24,487,025	58,758,560	51,552	9,963,433	126,927,572
Niagara Mohawk Pwr Corp.....	51,349,145	55,370,310	17,558,572	11,312	1,881,853	126,171,192
Wisconsin Gas Co.....	44,191,049	21,295,916	56,540,267	22,144	197,102	122,246,478
Indiana Gas Co Inc.....	42,915,000	17,150,000	58,000,000	15,000	818,995	118,898,995
Dow P L Co.....	2,199	427,325	117,428,655	0	0	117,858,179
Kansas Gas Svs Co.....	49,508,002	26,622,726	29,126,052	1,069	8,287,614	113,545,463
Baltimore Gas and Elec Co.....	37,285,163	30,819,121	33,190,791	22,638	6,933,328	108,251,041
Boston Gas Co.....	39,252,581	21,111,334	46,731,678	0	0	107,095,593
Alabama Gas Corp.....	26,272,623	16,906,692	54,296,301	0	9,269,309	106,744,925
Arkla A Noram Energy Co.....	40,412,096	29,034,640	35,988,544	0	0	105,435,280
Puget Sound Energy.....	48,158,950	31,173,182	25,042,156	108,328	0	104,482,616
Piedmont Nat Gas Co.....	29,248,519	22,040,507	45,503,027	0	6,616,580	103,408,633
Northern States Pwr Co.....	40,221,859	25,348,646	34,282,865	0	1,886,257	101,739,627

**Notes:** The natural gas companies with the 50 largest amounts of total deliveries were selected from the respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." For each company, the total deliveries include deliveries to residential, commercial, industrial, and electric utility consumers, deliveries of natural gas for vehicle fuel; and all volumes transported to consumers for the account of others. The totals are summed from each company's reports in all States

of operations. Number of vehicle fuel consumers generally refers to the number of fueling stations. Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Source:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Census  
Division  
Summaries**

**Table 27. Natural Gas Delivered to Consumers by Census Division, 1999**

Census Division	Residential		Commercial		Industrial	
	Quantity (million cubic feet)	Consumers	Quantity (million cubic feet)	Consumers	Quantity (million cubic feet)	Consumers
New England .....	170,809	2,010,577	136,563	210,094	256,496	12,372
Middle Atlantic .....	821,578	8,883,339	667,203	808,589	743,879	23,366
East North Central .....	1,393,303	12,651,969	690,776	1,049,640	1,404,685	79,100
West North Central .....	433,483	4,826,886	282,912	513,380	436,075	24,472
South Atlantic .....	389,544	6,027,575	309,295	640,635	721,597	17,540
East South Central .....	185,413	2,852,538	135,022	302,161	557,539	8,276
West South Central .....	318,867	5,997,832	263,862	529,890	3,151,091	11,533
Mountain .....	314,177	4,218,179	209,836	373,944	300,024	11,414
Pacific Contiguous .....	678,764	10,612,310	323,946	562,820	1,344,142	42,026
Pacific Noncontiguous .....	18,158	119,632	29,416	16,172	74,687	38
<b>Total .....</b>	<b>4,724,094</b>	<b>58,200,837</b>	<b>3,048,832</b>	<b>5,007,325</b>	<b>8,990,216</b>	<b>230,137</b>

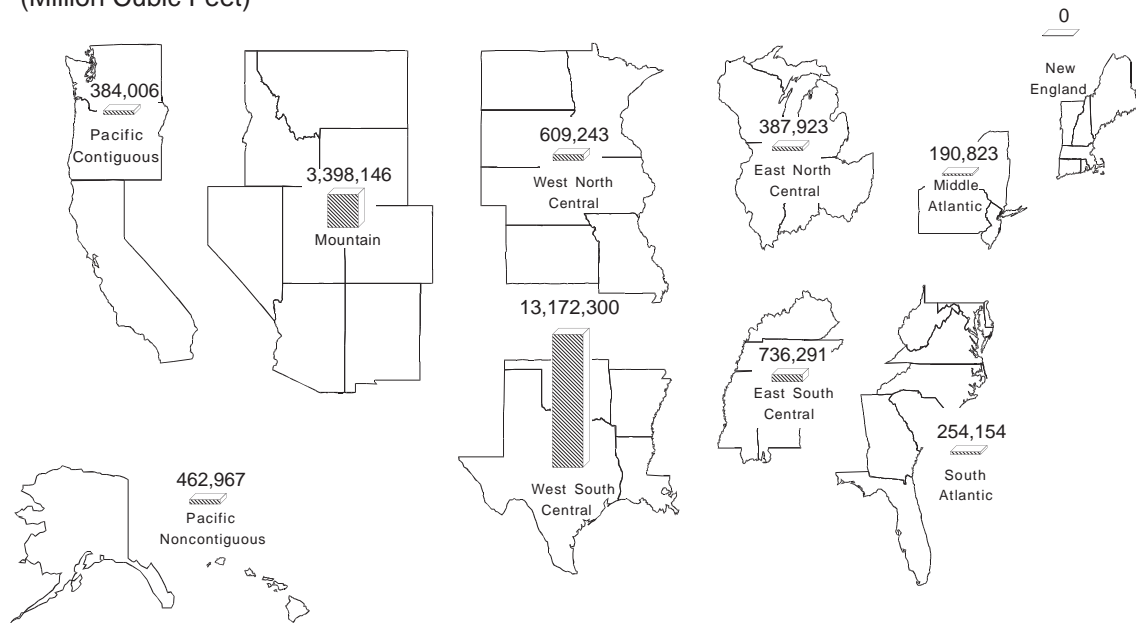
  

Census Division	Vehicle Fuel	Electric Utilities	Delivered to Consumers	Heating Value (Btu per cubic foot)
	Quantity (million cubic feet)	Quantity (million cubic feet)	Quantity (million cubic feet)	
New England .....	105	22,057	586,030	1,036
Middle Atlantic .....	616	224,849	2,458,124	1,032
East North Central .....	564	124,675	3,614,003	1,022
West North Central .....	31	74,241	1,226,742	1,011
South Atlantic .....	209	415,634	1,836,280	1,036
East South Central .....	17	131,592	1,009,583	1,032
West South Central .....	184	1,737,554	5,471,557	1,032
Mountain .....	470	177,649	1,002,157	1,020
Pacific Contiguous .....	3,489	174,639	2,524,982	1,023
Pacific Noncontiguous .....	0	30,529	152,789	1,000
<b>Total .....</b>	<b>5,685</b>	<b>3,113,419</b>	<b>19,882,247</b>	<b>1,027</b>

**Notes:** Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-759, "Monthly Power Plant Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 20. Marketed Production of Natural Gas by Census Division, 1999 (Million Cubic Feet)**



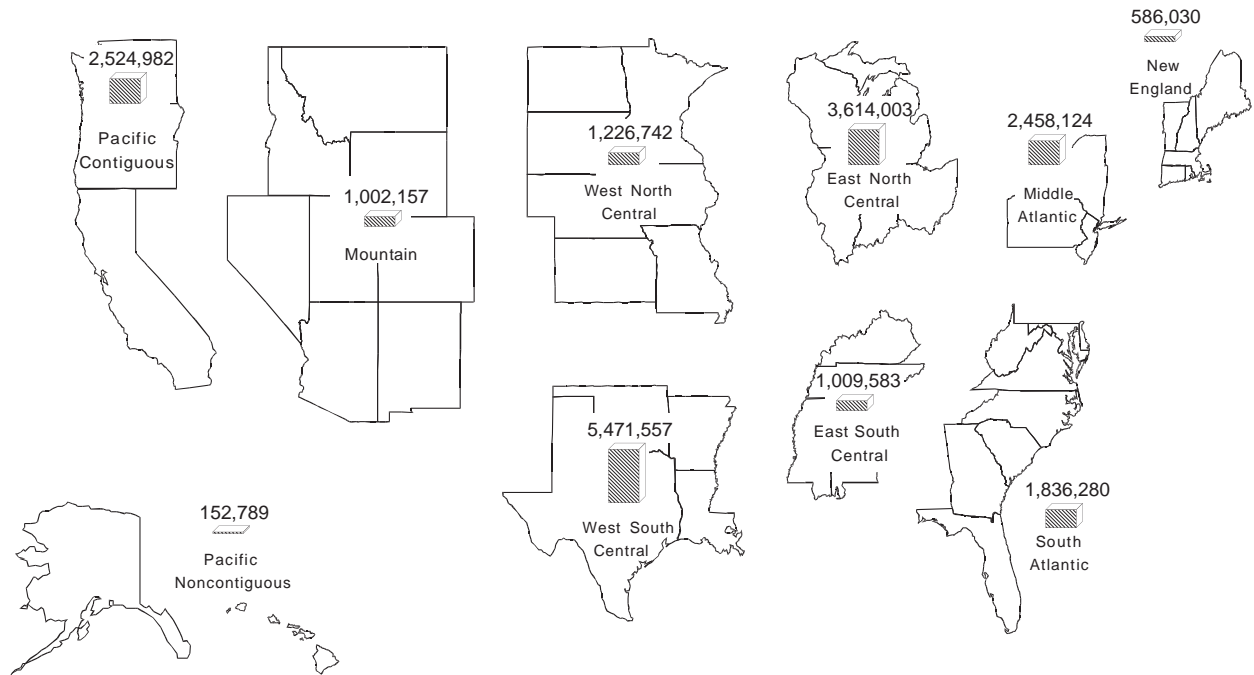
**Sources:** Energy Information Administration (EIA), Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and the United States Minerals Management Service.

**Table 28. Average Price of Natural Gas Delivered to Consumers by Census Division, 1998-1999**  
(Dollars per Thousand Cubic Feet)

Census Division	Residential		Commercial		Industrial		Vehicle Fuel		Electric Utilities	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
New England.....	9.59	9.47	7.18	7.14	4.79	4.73	4.99	5.08	2.90	2.74
Middle Atlantic.....	8.66	8.44	5.76	5.33	3.33	3.39	6.53	5.18	2.61	2.89
East North Central.....	5.80	5.68	5.20	5.13	4.03	3.97	4.99	3.38	2.04	2.21
West North Central.....	5.90	5.89	4.77	4.76	3.25	3.32	2.77	3.63	2.27	2.56
South Atlantic.....	8.02	7.78	6.38	6.09	3.67	3.58	4.12	4.33	2.45	3.08
East South Central.....	6.80	6.62	5.77	5.59	3.59	3.47	4.80	5.83	2.30	2.54
West South Central.....	6.26	6.30	4.74	4.77	2.40	2.58	2.58	1.86	2.33	2.55
Mountain.....	5.84	5.87	4.81	4.77	3.09	3.24	4.45	4.69	2.39	2.54
Pacific Contiguous.....	6.81	6.57	5.91	5.83	3.52	3.28	4.24	4.44	2.70	2.55
Pacific Noncontiguous.....	4.18	4.09	3.76	3.43	1.38	1.29	—	—	1.80	1.59




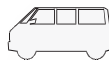



— = Not applicable.  
**Notes:** All average prices are volume weighted. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.  
**Sources:** Energy Information Administration (EIA), Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 21. Natural Gas Delivered to Consumers by Census Division, 1999**  
(Million Cubic Feet)



**Sources:** Energy Information Administration (EIA), Form EIA-759, "Monthly Power Plant Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

## New England — Natural Gas 1999

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
	Net Interregion Movements:			Industrial:	
	<b>624,295</b>			<b>256,496</b>	<b>2.85</b>
	Marketed Production:			Vehicle Fuel:	
	<b>0</b>	<b>0.00</b>		<b>105</b>	<b>1.85</b>
Deliveries to Consumers:					
	Residential:			Electric Utilities:	
	<b>170,809</b>	<b>3.62</b>		<b>22,057</b>	<b>0.71</b>
	Commercial:		Total:		
	<b>136,563</b>	<b>4.48</b>		<b>586,030</b>	<b>2.95</b>

**Table 29. Summary Statistics for Natural Gas — New England, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells .....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
<b>Total .....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation .....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
<b>Total Dry Production .....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at Region Borders					
Imports .....	31,199	51,968	66,526	61,529	129,279
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts .....	797,531	712,656	658,662	585,306	591,726
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage .....	11,066	14,682	10,848	11,231	6,987
Supplemental Gas Supplies .....	704	728	341	229	322
Balancing Item .....	-154,372	-96,795	-6,527	1,955	-37,504
<b>Total Supply .....</b>	<b>686,127</b>	<b>683,239</b>	<b>729,850</b>	<b>660,251</b>	<b>690,810</b>

See footnotes at end of table.

Table 29. Summary Statistics for Natural Gas — New England, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	597,314	600,455	635,406	578,235	589,587
Deliveries at Region Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries.....	81,304	73,535	87,496	78,692	96,710
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	7,510	9,248	6,948	3,323	4,513
<b>Total Disposition .....</b>	<b>686,127</b>	<b>683,239</b>	<b>729,850</b>	<b>660,251</b>	<b>690,810</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	3,757	4,240	5,717	3,103	3,557
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential.....	173,680	187,469	181,610	163,483	170,809
Commercial .....	143,825	160,761	173,994	156,146	136,563
Industrial.....	184,704	167,354	178,011	210,342	256,496
Vehicle Fuel.....	26	40	64	89	105
Electric Utilities.....	91,321	80,592	96,011	45,073	22,057
<b>Total Delivered to Consumers .....</b>	<b>593,556</b>	<b>596,215</b>	<b>629,689</b>	<b>575,132</b>	<b>586,030</b>
<b>Total Consumption.....</b>	<b>597,314</b>	<b>600,455</b>	<b>635,406</b>	<b>578,235</b>	<b>589,587</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	103	1,038	1,986	1,797
Commercial .....	19,340	30,732	50,219	56,279	49,891
Industrial.....	110,773	102,985	121,381	166,624	201,292
Electric Utilities.....	66,144	72,933	84,633	47,551	21,314
<b>Number of Consumers</b>					
Residential.....	1,928,388	1,940,894	1,971,242	1,980,506	2,010,577
Commercial .....	193,778	197,567	201,742	202,286	210,094
Industrial.....	14,940	15,231	15,354	15,556	12,372
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	742	814	862	772	650
Industrial.....	12,363	10,988	11,594	13,522	20,732
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports .....	2.52	2.94	2.82	2.60	6.69
Exports .....	—	—	—	—	—
Pipeline Fuel.....	2.19	3.09	2.25	2.55	2.06
City Gate .....	3.82	4.33	4.25	4.22	4.19
Delivered to Consumers					
Residential.....	9.06	9.03	9.57	9.59	9.47
Commercial .....	6.78	6.96	7.35	7.18	7.14
Industrial.....	4.34	4.99	5.08	4.79	4.73
Vehicle Fuel.....	5.20	6.13	5.51	4.99	5.08
Electric Utilities.....	2.04	2.79	3.06	2.90	2.74




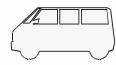



— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The New England Census Division includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



## Middle Atlantic — Natural Gas 1999

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
	Net Interregion Movements: <b>2,420,910</b>			Industrial: <b>743,879</b>	<b>8.27</b>
	Marketed Production: <b>190,823</b>			Vehicle Fuel: <b>616</b>	<b>10.84</b>
Deliveries to Consumers:					
	Residential: <b>821,578</b>			Electric Utilities: <b>224,849</b>	<b>7.22</b>
	Commercial: <b>667,203</b>		Total: <b>2,458,124</b>		<b>12.36</b>

**Table 30. Summary Statistics for Natural Gas — Middle Atlantic, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	37,159	38,000	38,423	27,479	30,244
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	128,677	152,494	95,525	R146,731	190,717
From Oil Wells.....	723	641	669	291	111
<b>Total .....</b>	<b>129,400</b>	<b>153,134</b>	<b>96,193</b>	<b>R147,021</b>	<b>190,828</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	129,400	153,134	96,193	R147,021	190,828
Vented and Flared.....	0	3	5	5	5
Marketed Production .....	129,400	153,131	96,188	R147,017	190,823
Extraction Loss.....	582	603	734	732	879
<b>Total Dry Production.....</b>	<b>128,818</b>	<b>152,528</b>	<b>95,454</b>	<b>R146,285</b>	<b>189,944</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	128,818	152,528	95,454	R146,285	189,944
Receipts at Region Borders					
Imports .....	630,321	652,578	656,332	666,256	754,484
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts .....	2,710,896	2,637,885	2,477,005	2,180,519	2,384,619
Withdrawals from Storage					
Underground Storage.....	472,085	379,865	408,606	340,751	407,505
LNG Storage .....	7,789	9,204	9,942	9,124	11,683
Supplemental Gas Supplies.....	8,856	8,304	7,479	9,862	6,339
Balancing Item.....	-204,005	-98,057	48,909	R83,568	-140,029
<b>Total Supply .....</b>	<b>3,754,759</b>	<b>3,742,307</b>	<b>3,703,728</b>	<b>3,436,365</b>	<b>3,614,545</b>

See footnotes at end of table.

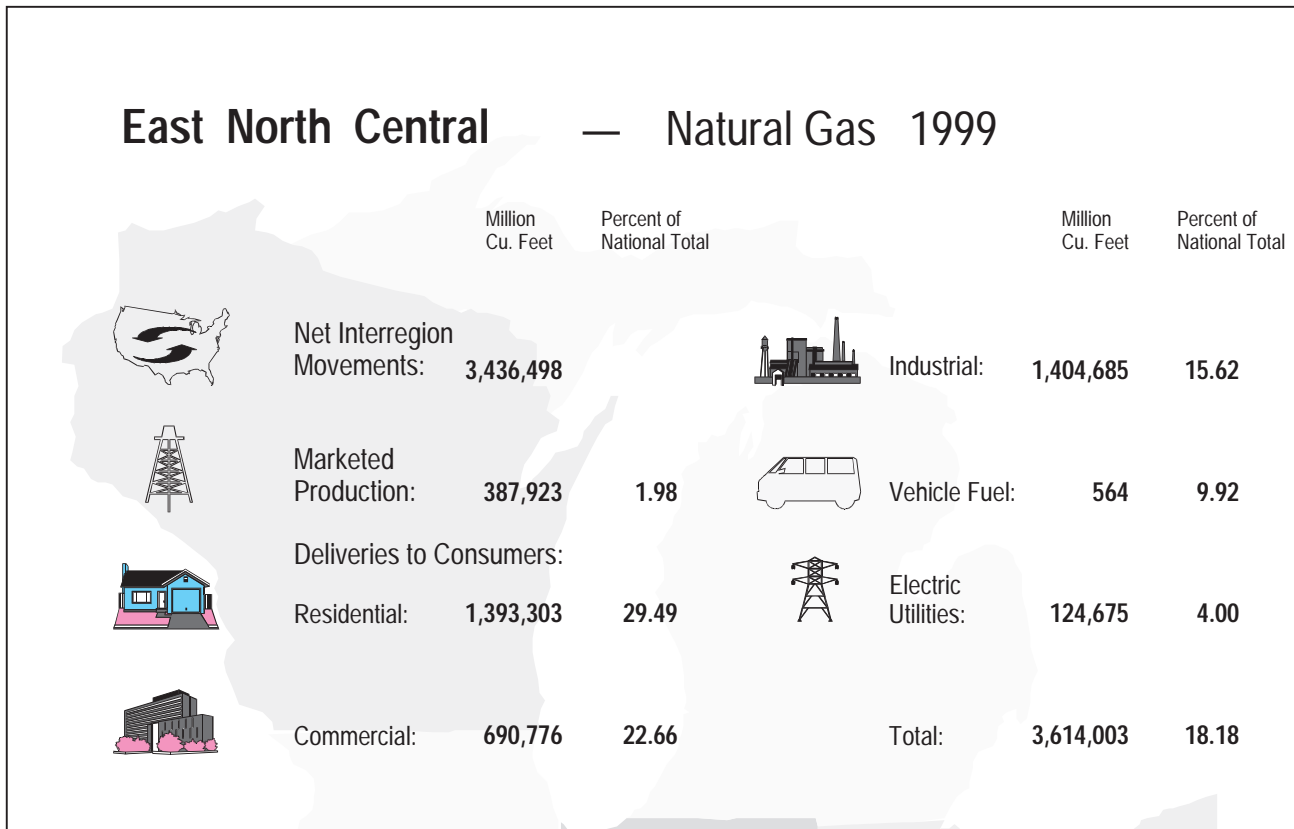
**Table 30. Summary Statistics for Natural Gas — Middle Atlantic, 1995-1999 (Continued)**

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	2,452,718	2,461,386	2,543,080	2,346,458	2,507,038
Deliveries at Region Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries .....	900,983	815,681	770,561	688,159	718,193
Additions to Storage					
Underground Storage.....	393,554	452,765	379,922	391,417	376,483
LNG Storage .....	7,504	12,476	10,166	10,331	12,831
<b>Total Disposition .....</b>	<b>3,754,759</b>	<b>3,742,307</b>	<b>3,703,728</b>	<b>3,436,365</b>	<b>3,614,545</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	3,963	4,021	2,800	2,120	727
Pipeline Fuel.....	48,439	51,574	50,057	42,549	47,912
Plant Fuel.....	181	217	253	222	274
Delivered to Consumers					
Residential.....	831,564	904,490	855,061	754,098	821,578
Commercial .....	514,052	558,149	633,706	612,992	667,203
Industrial.....	737,518	767,093	746,158	687,745	743,879
Vehicle Fuel.....	143	89	636	497	616
Electric Utilities.....	316,859	175,752	254,409	246,234	224,849
<b>Total Delivered to Consumers .....</b>	<b>2,400,136</b>	<b>2,405,574</b>	<b>2,489,970</b>	<b>2,301,567</b>	<b>2,458,124</b>
<b>Total Consumption.....</b>	<b>2,452,718</b>	<b>2,461,386</b>	<b>2,543,080</b>	<b>2,346,458</b>	<b>2,507,038</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	3,231	4,086	10,199	34,274	62,532
Commercial .....	119,691	144,044	239,774	271,752	287,771
Industrial.....	548,334	585,683	590,924	544,169	607,576
Electric Utilities.....	52,081	22,419	27,442	19,140	30,073
<b>Number of Consumers</b>					
Residential.....	8,567,740	8,627,697	8,723,538	8,863,194	8,883,339
Commercial .....	740,637	754,944	756,384	799,672	808,589
Industrial.....	39,174	31,880	47,242	29,303	23,366
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	694	739	838	767	825
Industrial.....	18,827	24,062	15,794	23,470	31,836
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.76	—	0.43	R0.29	0.18
Imports .....	2.31	2.94	2.90	2.55	2.61
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.95	2.66	2.62	2.01	1.87
City Gate .....	2.88	3.22	4.17	3.23	3.29
Delivered to Consumers					
Residential.....	7.75	8.00	8.84	8.66	8.44
Commercial .....	6.04	6.57	6.55	5.76	5.33
Industrial.....	3.60	4.11	4.18	3.33	3.39
Vehicle Fuel.....	2.56	4.95	4.22	6.53	5.18
Electric Utilities.....	2.13	2.96	2.90	2.61	2.89

R = Revised data.  
 — = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The Middle Atlantic Census Division includes New Jersey, New York, and Pennsylvania. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 31. Summary Statistics for Natural Gas — East North Central, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	41,497	41,943	42,893	42,762	42,530
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	273,230	321,023	366,288	336,352	331,007
From Oil Wells.....	97,557	50,290	62,330	R63,296	62,580
<b>Total.....</b>	<b>370,787</b>	<b>371,313</b>	<b>428,618</b>	<b>R399,647</b>	<b>393,587</b>
Repressuring .....	2,340	2,340	2,340	2,340	2,340
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	368,447	368,973	426,278	R397,307	391,247
Vented and Flared.....	3,324	3,324	3,324	3,324	3,324
Marketed Production .....	365,123	365,649	422,954	R393,983	387,923
Extraction Loss.....	6,499	6,548	6,430	6,086	6,078
<b>Total Dry Production.....</b>	<b>358,624</b>	<b>359,101</b>	<b>416,524</b>	<b>R387,897</b>	<b>381,845</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	358,624	359,101	416,524	R387,897	381,845
Receipts at Region Borders					
Imports .....	26,475	29,043	23,356	47,343	41,194
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts .....	5,741,430	6,154,619	5,696,454	4,914,428	5,156,171
Withdrawals from Storage					
Underground Storage.....	1,006,179	910,748	856,274	717,781	831,673
LNG Storage .....	2,056	6,159	2,443	1,619	1,852
Supplemental Gas Supplies.....	31,739	30,803	31,412	29,045	30,065
Balancing Item.....	-224,388	-301,713	-138,137	R-123,855	-157,254
<b>Total Supply.....</b>	<b>6,942,115</b>	<b>7,188,760</b>	<b>6,888,326</b>	<b>5,974,259</b>	<b>6,285,546</b>

See footnotes at end of table.

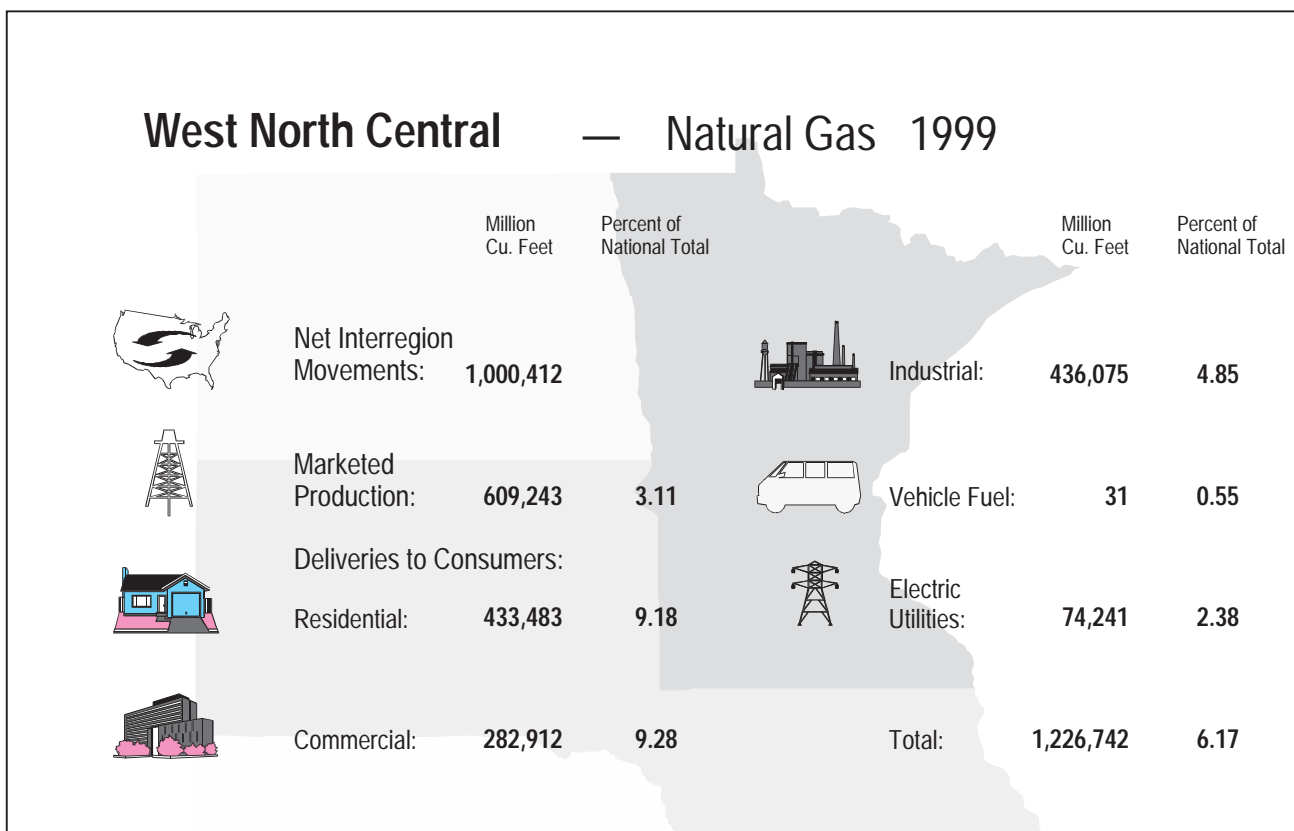
Table 31. Summary Statistics for Natural Gas — East North Central, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	3,861,266	4,047,077	3,913,281	3,494,741	3,736,301
Deliveries at Region Borders					
Exports .....	26,948	50,363	56,447	39,683	36,998
Intransit Deliveries .....	492,481	536,333	516,620	459,461	494,544
Interregion Deliveries .....	1,733,313	1,579,239	1,522,865	1,148,647	1,229,325
Additions to Storage					
Underground Storage .....	826,215	970,171	876,167	829,995	785,675
LNG Storage .....	1,891	5,577	2,946	1,733	2,703
<b>Total Disposition .....</b>	<b>6,942,115</b>	<b>7,188,760</b>	<b>6,888,326</b>	<b>5,974,259</b>	<b>6,285,546</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	7,461	6,685	10,566	7,263	7,011
Pipeline Fuel .....	67,520	77,069	73,062	62,980	112,250
Plant Fuel .....	3,459	3,123	2,793	3,197	3,037
Delivered to Consumers					
Residential .....	1,535,648	1,640,926	1,536,570	1,282,157	1,393,303
Commercial .....	740,654	790,682	749,428	649,117	690,776
Industrial .....	1,406,125	1,455,204	1,438,604	1,351,611	1,404,685
Vehicle Fuel .....	375	465	442	649	564
Electric Utilities .....	100,024	72,922	101,816	137,766	124,675
<b>Total Delivered to Consumers .....</b>	<b>3,782,826</b>	<b>3,960,199</b>	<b>3,826,860</b>	<b>3,421,300</b>	<b>3,614,003</b>
<b>Total Consumption .....</b>	<b>3,861,266</b>	<b>4,047,077</b>	<b>3,913,281</b>	<b>3,494,741</b>	<b>3,736,301</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	38,836	39,092	42,592	53,475	93,868
Commercial .....	224,954	231,829	250,018	264,646	308,448
Industrial .....	1,209,358	1,251,876	1,263,760	1,228,012	1,288,861
Electric Utilities .....	82,892	62,042	88,399	119,413	113,000
<b>Number of Consumers</b>					
Residential .....	11,942,604	12,116,529	12,293,628	12,433,376	12,651,969
Commercial .....	989,497	1,007,756	1,018,311	1,030,125	1,049,640
Industrial .....	58,737	62,460	63,756	63,863	79,100
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	749	785	736	630	658
Industrial .....	23,939	23,298	22,564	21,164	17,758
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.90	2.35	2.33	R2.11	2.16
Imports .....	1.90	2.89	2.84	2.15	2.60
Exports .....	1.97	2.66	2.52	2.25	2.36
Pipeline Fuel .....	1.20	2.06	2.04	1.92	2.07
City Gate .....	2.96	3.43	3.65	3.20	3.23
Delivered to Consumers					
Residential .....	5.05	5.44	6.04	5.80	5.68
Commercial .....	4.57	4.94	5.51	5.20	5.13
Industrial .....	3.38	3.79	4.22	4.03	3.97
Vehicle Fuel .....	4.80	4.81	5.30	4.99	3.38
Electric Utilities .....	1.52	1.91	2.14	2.04	2.21

R = Revised data.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The East North Central Census Division includes Illinois, Indiana, Michigan, Ohio, and Wisconsin. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 32. Summary Statistics for Natural Gas — West North Central, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	22,277	21,669	21,755	21,253	17,820
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	655,917	648,822	638,038	552,800	505,882
From Oil Wells.....	134,776	133,390	118,776	120,981	115,404
<b>Total.....</b>	<b>790,693</b>	<b>782,213</b>	<b>756,814</b>	<b>673,780</b>	<b>621,286</b>
Repressuring .....	4,043	4,846	1,353	1,029	943
Nonhydrocarbon Gases Removed.....	93	358	6,719	6,163	6,297
Wet After Lease Separation.....	786,558	777,009	748,743	666,588	614,046
Vented and Flared.....	12,145	11,309	5,853	6,503	4,802
Marketed Production .....	774,412	765,699	742,889	660,086	609,243
Extraction Loss.....	52,769	52,933	43,300	51,282	53,911
<b>Total Dry Production.....</b>	<b>721,643</b>	<b>712,766</b>	<b>699,589</b>	<b>608,804</b>	<b>555,332</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	721,643	712,766	699,589	608,804	555,332
Receipts at Region Borders					
Imports .....	411,442	407,584	410,378	484,421	515,551
Intransit Receipts .....	492,481	536,333	548,000	481,581	486,468
Interregion Receipts .....	2,631,598	2,738,559	2,745,142	2,672,697	2,922,670
Withdrawals from Storage					
Underground Storage.....	201,673	191,901	169,094	176,684	204,805
LNG Storage .....	7,976	10,076	3,992	2,662	2,883
Supplemental Gas Supplies.....	57,739	58,063	54,370	54,793	53,478
Balancing Item.....	191,045	113,042	18,920	R-192,127	-273,846
<b>Total Supply.....</b>	<b>4,715,599</b>	<b>4,768,324</b>	<b>4,649,486</b>	<b>R4,289,514</b>	<b>4,467,341</b>

See footnotes at end of table.

**Table 32. Summary Statistics for Natural Gas — West North Central, 1995-1999 (Continued)**

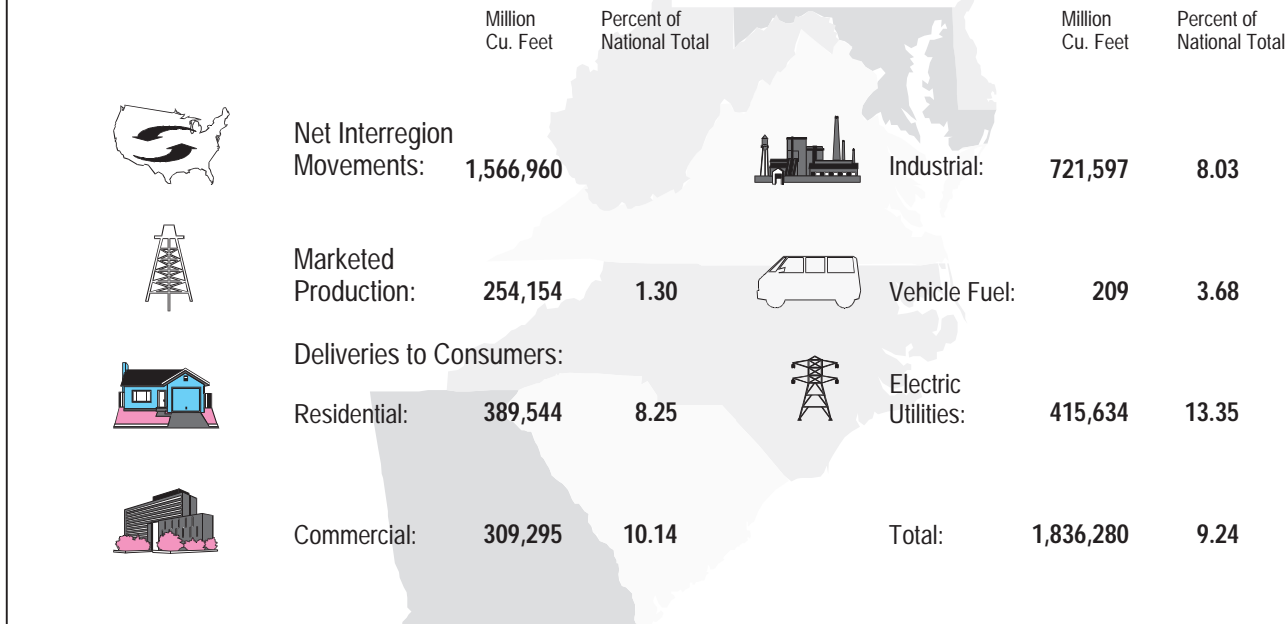
	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	1,478,863	1,517,291	1,456,056	<sup>R</sup> 1,357,186	1,353,983
Deliveries at Region Borders					
Exports .....	0	0	0	0	1,510
Intransit Deliveries .....	0	0	0	0	0
Interregion Deliveries .....	3,045,926	3,054,287	2,999,967	2,733,322	2,922,767
Additions to Storage					
Underground Storage .....	184,604	182,579	189,137	196,460	187,139
LNG Storage .....	6,206	14,166	4,326	2,545	3,451
<b>Total Disposition .....</b>	<b>4,715,599</b>	<b>4,768,324</b>	<b>4,649,486</b>	<b><sup>R</sup>4,289,514</b>	<b>4,468,851</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	26,035	26,540	25,742	<sup>R</sup> 17,791	16,656
Pipeline Fuel .....	82,769	90,328	89,122	73,333	86,711
Plant Fuel .....	33,054	34,730	30,632	25,392	23,874
Delivered to Consumers					
Residential .....	480,802	528,662	479,287	422,855	433,483
Commercial .....	321,563	347,721	308,879	277,411	282,912
Industrial .....	477,913	449,511	474,412	465,837	436,075
Vehicle Fuel .....	56	100	84	42	31
Electric Utilities .....	56,671	39,700	47,898	74,525	74,241
<b>Total Delivered to Consumers .....</b>	<b>1,337,005</b>	<b>1,365,694</b>	<b>1,310,560</b>	<b>1,240,670</b>	<b>1,226,742</b>
<b>Total Consumption .....</b>	<b>1,478,863</b>	<b>1,517,291</b>	<b>1,456,056</b>	<b><sup>R</sup>1,357,186</b>	<b>1,353,983</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	13	62	1	2,295	6,489
Commercial .....	48,810	55,393	45,087	45,341	48,601
Industrial .....	388,592	359,469	378,111	382,269	354,904
Electric Utilities .....	25,620	17,157	28,615	45,554	42,839
<b>Number of Consumers</b>					
Residential .....	4,545,173	4,619,457	4,693,375	4,859,806	4,826,886
Commercial .....	501,899	509,593	503,092	523,570	513,380
Industrial .....	13,617	13,910	26,817	29,837	24,472
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	641	682	614	530	551
Industrial .....	35,097	32,316	17,691	15,613	17,819
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.28	1.79	2.05	1.74	1.85
Imports .....	1.80	2.37	2.44	2.06	2.29
Exports .....	—	—	—	—	20.51
Pipeline Fuel .....	1.00	1.70	1.75	1.32	1.62
City Gate .....	2.60	3.17	3.75	3.11	3.16
Delivered to Consumers					
Residential .....	4.97	5.54	6.13	5.90	5.89
Commercial .....	4.08	4.71	5.14	4.77	4.76
Industrial .....	2.73	3.37	3.68	3.25	3.32
Vehicle Fuel .....	2.41	3.05	3.72	2.77	3.63
Electric Utilities .....	1.71	2.36	2.56	2.27	2.56

<sup>R</sup> = Revised data.  
 — = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The West North Central Census Division includes Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

## South Atlantic — Natural Gas 1999



**Table 33. Summary Statistics for Natural Gas — South Atlantic, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	37,822	36,827	33,054	41,468	39,335
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	236,072	224,264	230,634	R237,327	248,222
From Oil Wells.....	7,133	6,706	6,907	6,547	6,702
<b>Total.....</b>	<b>243,204</b>	<b>230,969</b>	<b>237,541</b>	<b>R243,874</b>	<b>254,923</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	642	700	793	751	769
Wet After Lease Separation.....	242,562	230,269	236,748	R243,122	254,154
Vented and Flared.....	28	0	0	0	0
Marketed Production .....	242,534	230,269	236,748	R243,122	254,154
Extraction Loss.....	9,026	8,742	8,742	8,860	8,891
<b>Total Dry Production.....</b>	<b>233,508</b>	<b>221,527</b>	<b>228,006</b>	<b>R234,262</b>	<b>245,263</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	233,508	221,527	228,006	R234,262	245,263
Receipts at Region Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts .....	3,765,665	3,836,300	3,877,503	3,488,306	3,691,321
Withdrawals from Storage					
Underground Storage.....	206,746	182,240	195,981	159,535	215,998
LNG Storage .....	9,592	12,643	6,881	4,819	6,057
Supplemental Gas Supplies.....	1,247	1,870	553	244	728
Balancing Item.....	-54,631	130,888	-29,795	R46,247	71,592
<b>Total Supply.....</b>	<b>4,162,127</b>	<b>4,385,469</b>	<b>4,279,129</b>	<b>R3,933,412</b>	<b>4,230,958</b>

See footnotes at end of table.

**Table 33. Summary Statistics for Natural Gas — South Atlantic, 1995-1999 (Continued)**

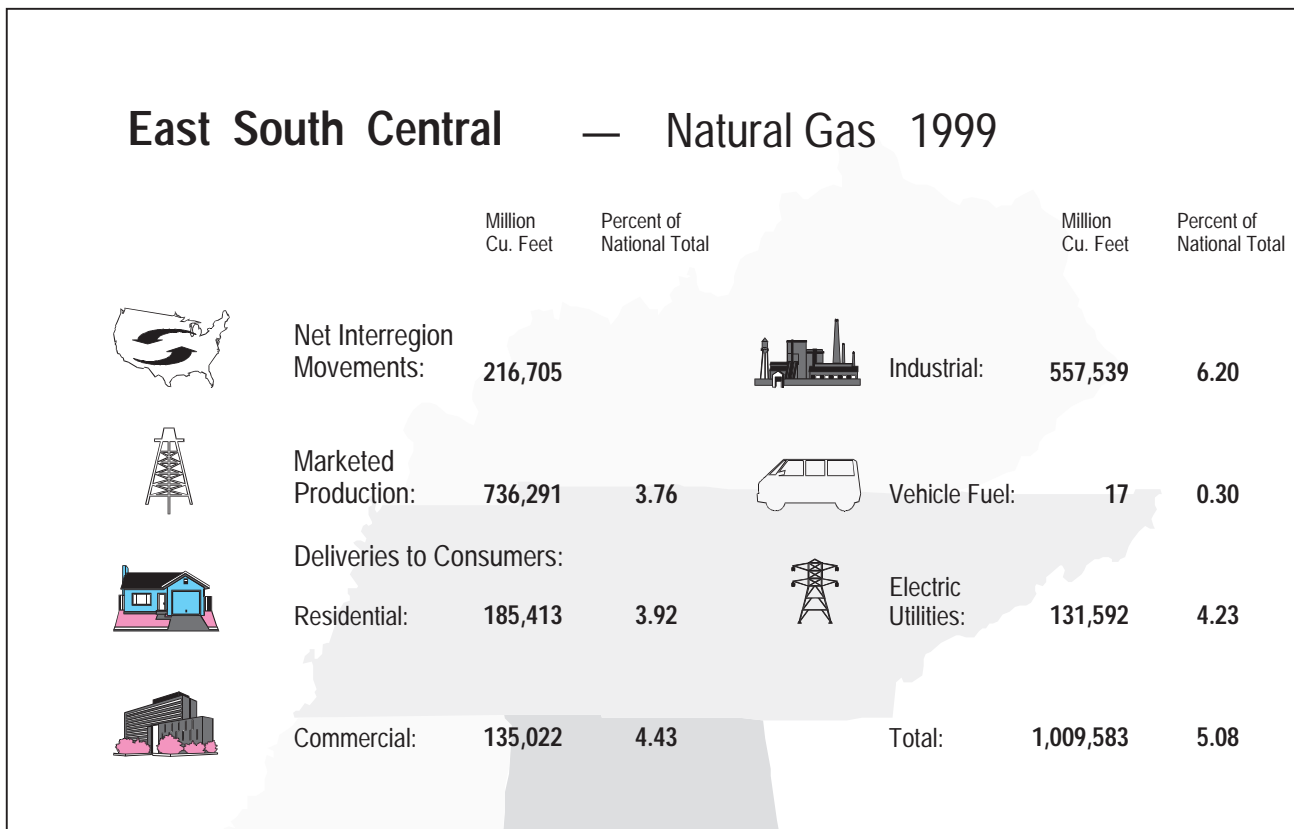
	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	1,923,936	1,906,619	1,903,900	R <sup>1</sup> 1,828,862	1,917,239
Deliveries at Region Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries .....	2,067,231	2,243,835	2,187,531	1,910,739	2,124,361
Additions to Storage					
Underground Storage.....	161,568	218,060	179,809	189,187	181,346
LNG Storage .....	9,393	16,955	7,890	4,624	8,012
<b>Total Disposition .....</b>	<b>4,162,127</b>	<b>4,385,469</b>	<b>4,279,129</b>	<b>R<sup>3</sup>3,933,412</b>	<b>4,230,958</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	6,763	7,527	8,154	R <sup>7</sup> 9,993	7,465
Pipeline Fuel.....	59,971	67,808	66,909	62,230	71,138
Plant Fuel .....	3,344	2,387	2,823	2,473	2,356
Delivered to Consumers					
Residential.....	408,590	457,792	418,316	379,628	389,544
Commercial .....	305,621	320,153	313,730	312,424	309,295
Industrial.....	740,332	716,648	743,408	697,640	721,597
Vehicle Fuel.....	198	182	180	204	209
Electric Utilities.....	399,117	334,123	350,379	366,270	415,634
<b>Total Delivered to Consumers .....</b>	<b>1,853,857</b>	<b>1,828,898</b>	<b>1,826,013</b>	<b>1,756,166</b>	<b>1,836,280</b>
<b>Total Consumption.....</b>	<b>1,923,936</b>	<b>1,906,619</b>	<b>1,903,900</b>	<b>R<sup>1</sup>1,828,862</b>	<b>1,917,239</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	120	1,479	2,617	8,392	56,089
Commercial .....	35,191	35,990	59,518	87,502	103,583
Industrial.....	482,042	463,307	515,921	502,863	513,807
Electric Utilities.....	358,113	313,166	333,851	369,971	462,444
<b>Number of Consumers</b>					
Residential.....	5,285,997	5,446,188	5,579,544	5,794,996	6,027,575
Commercial .....	495,065	514,514	522,757	526,487	640,635
Industrial.....	12,968	13,243	14,323	16,213	17,540
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	617	622	600	593	483
Industrial.....	57,089	54,115	51,903	43,030	41,140
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.09	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.82	2.84	3.00	2.61	2.37
City Gate .....	2.93	3.80	3.92	3.56	3.39
Delivered to Consumers					
Residential.....	6.89	7.50	8.24	8.02	7.78
Commercial .....	5.33	6.14	6.65	6.38	6.09
Industrial.....	3.31	4.13	4.17	3.67	3.58
Vehicle Fuel.....	3.19	4.13	4.39	4.12	4.33
Electric Utilities.....	2.28	3.12	2.59	2.45	3.08

R = Revised data.  
— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The South Atlantic Census Division includes Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as industrial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.





**Table 34. Summary Statistics for Natural Gas — East South Central, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	17,372	18,174	19,046	R19,539	19,934
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	756,345	769,753	818,196	R799,882	776,831
From Oil Wells.....	19,806	19,295	19,248	18,463	14,028
<b>Total.....</b>	<b>776,151</b>	<b>789,048</b>	<b>837,444</b>	<b>818,344</b>	<b>790,859</b>
Repressuring .....	42,270	31,967	26,138	23,824	20,079
Nonhydrocarbon Gases Removed.....	36,944	35,322	35,371	35,124	30,659
Wet After Lease Separation.....	696,937	721,759	775,935	R759,397	740,121
Vented and Flared.....	5,170	4,530	4,305	4,261	3,830
Marketed Production .....	691,768	717,229	771,630	R755,136	736,291
Extraction Loss.....	7,953	8,086	7,341	7,021	25,828
<b>Total Dry Production.....</b>	<b>683,815</b>	<b>709,143</b>	<b>764,289</b>	<b>R748,115</b>	<b>710,463</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	683,815	709,143	764,289	R748,115	710,463
Receipts at Region Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts .....	5,560,871	5,893,643	5,716,167	5,109,165	5,222,704
Withdrawals from Storage					
Underground Storage.....	149,791	140,019	128,925	114,814	123,625
LNG Storage .....	3,723	5,266	2,951	4,031	3,788
Supplemental Gas Supplies.....	39	137	65	8	17
Balancing Item.....	285,070	379,906	21,708	61,584	213,358
<b>Total Supply.....</b>	<b>6,683,308</b>	<b>7,128,114</b>	<b>6,634,105</b>	<b>6,037,716</b>	<b>6,273,954</b>

See footnotes at end of table.

Table 34. Summary Statistics for Natural Gas — East South Central, 1995-1999 (Continued)

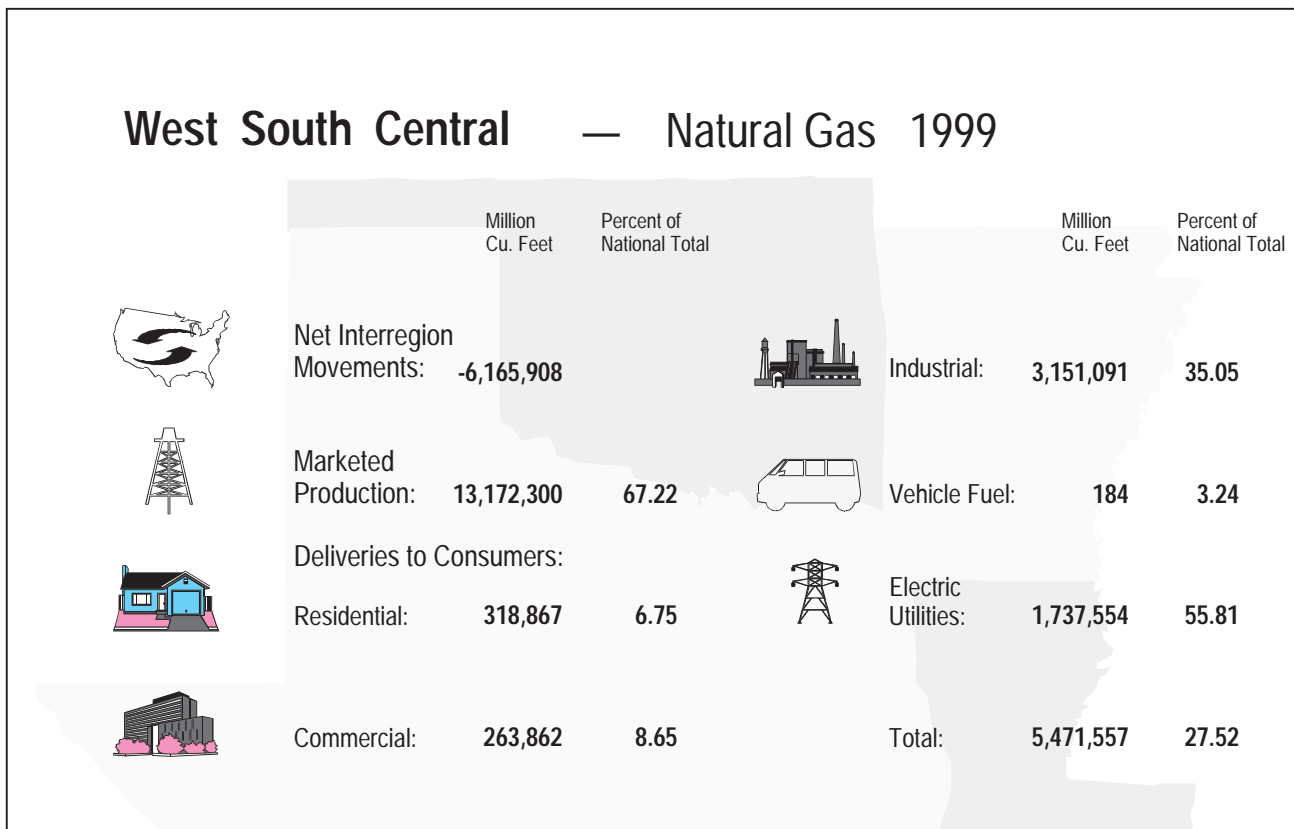
	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	1,090,534	1,111,595	1,087,923	1,054,653	1,158,614
Deliveries at Region Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interregion Deliveries .....	5,455,080	5,851,200	5,421,035	4,843,539	5,005,999
Additions to Storage					
Underground Storage .....	134,757	161,531	122,312	137,208	106,596
LNG Storage .....	2,938	3,788	2,835	2,316	2,745
<b>Total Disposition .....</b>	<b>6,683,308</b>	<b>7,128,114</b>	<b>6,634,105</b>	<b>6,037,716</b>	<b>6,273,954</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	15,569	15,475	12,161	12,805	14,878
Pipeline Fuel .....	104,440	119,038	111,081	88,468	127,538
Plant Fuel .....	4,907	3,891	3,481	3,302	6,615
Delivered to Consumers					
Residential .....	202,673	227,335	206,285	186,321	185,413
Commercial .....	135,978	150,694	148,174	131,922	135,022
Industrial .....	505,164	503,327	519,808	517,935	557,539
Vehicle Fuel .....	276	31	23	18	17
Electric Utilities .....	121,527	91,804	86,910	113,882	131,592
<b>Total Delivered to Consumers .....</b>	<b>965,618</b>	<b>973,190</b>	<b>961,200</b>	<b>950,078</b>	<b>1,009,583</b>
<b>Total Consumption .....</b>	<b>1,090,534</b>	<b>1,111,595</b>	<b>1,087,923</b>	<b>1,054,653</b>	<b>1,158,614</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	0	0
Commercial .....	13,160	13,144	20,752	16,822	19,148
Industrial .....	336,638	338,995	365,405	376,361	415,065
Electric Utilities .....	49,518	62,943	71,677	102,147	134,260
<b>Number of Consumers</b>					
Residential .....	2,657,218	2,722,985	2,786,410	2,836,854	2,852,538
Commercial .....	282,428	288,039	296,848	311,731	302,161
Industrial .....	7,812	7,692	7,787	10,713	8,276
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	481	523	499	423	447
Industrial .....	64,665	65,435	66,753	48,346	67,368
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.72	2.47	2.54	2.10	2.18
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.80	2.62	2.64	2.37	2.21
City Gate .....	2.74	3.61	3.64	3.26	3.15
Delivered to Consumers					
Residential .....	5.74	6.21	7.00	6.80	6.62
Commercial .....	4.98	5.55	6.03	5.77	5.59
Industrial .....	3.09	3.74	3.88	3.59	3.47
Vehicle Fuel .....	1.72	4.82	5.09	4.80	5.83
Electric Utilities .....	1.81	2.80	2.70	2.30	2.54

R = Revised data.

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The East South Central Census Division includes Alabama, Kentucky, Mississippi, and Tennessee. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as industrial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 35. Summary Statistics for Natural Gas — West South Central, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	102,525	102,864	105,139	111,136	110,057
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	11,824,788	12,182,369	12,102,607	<sup>R</sup> 12,034,615	11,738,276
From Oil Wells.....	2,217,752	2,156,561	2,127,166	<sup>R</sup> 2,129,826	2,010,402
<b>Total.....</b>	<b>14,042,539</b>	<b>14,338,929</b>	<b>14,229,773</b>	<b><sup>R</sup>14,164,441</b>	<b>13,748,678</b>
Repressuring .....	339,691	315,604	300,296	<sup>R</sup> 291,185	236,694
Nonhydrocarbon Gases Removed.....	200,233	238,897	263,397	<sup>R</sup> 295,646	277,165
Wet After Lease Separation.....	13,502,615	13,784,428	13,666,080	<sup>R</sup> 13,577,610	13,234,819
Vented and Flared.....	65,225	67,358	69,984	<sup>R</sup> 45,399	62,520
Marketed Production .....	13,437,390	13,717,071	13,596,096	<sup>R</sup> 13,532,211	13,172,300
Extraction Loss.....	623,178	639,141	638,566	625,856	560,885
<b>Total Dry Production.....</b>	<b>12,814,212</b>	<b>13,077,930</b>	<b>12,957,530</b>	<b><sup>R</sup>12,906,355</b>	<b>12,611,415</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	12,814,212	13,077,930	12,957,530	<sup>R</sup> 12,906,355	12,611,415
Receipts at Region Borders					
Imports .....	11,871	20,904	47,838	57,454	121,892
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts .....	603,963	685,326	565,137	450,817	467,898
Withdrawals from Storage					
Underground Storage.....	683,367	777,144	745,289	603,965	689,706
LNG Storage .....	4,780	7,141	28,313	16,576	65,833
Supplemental Gas Supplies.....	1	0	0	0	17
Balancing Item.....	214,926	355,622	416,484	<sup>R</sup> -71,462	-307,972
<b>Total Supply.....</b>	<b>14,333,119</b>	<b>14,924,066</b>	<b>14,760,591</b>	<b><sup>R</sup>13,963,706</b>	<b>13,648,789</b>

See footnotes at end of table.

Table 35. Summary Statistics for Natural Gas — West South Central, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	6,345,624	6,493,419	6,432,968	R6,441,788	6,145,549
Deliveries at Region Borders					
Exports .....	61,241	30,435	34,163	46,933	53,260
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries .....	7,336,718	7,713,910	7,509,250	6,605,811	6,702,438
Additions to Storage					
Underground Storage.....	584,476	679,286	753,733	838,725	680,661
LNG Storage .....	5,061	7,016	30,477	30,449	66,882
<b>Total Disposition .....</b>	<b>14,333,119</b>	<b>14,924,066</b>	<b>14,760,591</b>	<b>R13,963,706</b>	<b>13,648,789</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	363,681	364,921	358,566	R353,029	284,424
Pipeline Fuel.....	188,684	189,412	191,359	160,634	151,171
Plant Fuel .....	265,934	257,961	259,046	243,773	238,397
Delivered to Consumers					
Residential.....	368,826	408,861	401,887	351,740	318,867
Commercial .....	300,465	281,452	316,473	265,515	263,862
Industrial.....	3,300,803	3,528,911	3,417,884	3,290,856	3,151,091
Vehicle Fuel.....	169	183	142	120	184
Electric Utilities .....	1,557,062	1,461,718	1,487,611	1,776,122	1,737,554
<b>Total Delivered to Consumers .....</b>	<b>5,527,325</b>	<b>5,681,125</b>	<b>5,623,997</b>	<b>5,684,353</b>	<b>5,471,557</b>
<b>Total Consumption.....</b>	<b>6,345,624</b>	<b>6,493,419</b>	<b>6,432,968</b>	<b>R6,441,788</b>	<b>6,145,549</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	3	9	9	7	32
Commercial .....	73,373	38,635	94,445	47,895	54,835
Industrial.....	2,419,476	2,961,871	2,936,169	2,900,613	2,574,031
Electric Utilities .....	979,294	932,954	857,320	1,040,258	1,006,635
<b>Number of Consumers</b>					
Residential.....	5,791,464	5,854,303	5,922,727	5,990,194	5,997,832
Commercial .....	542,563	548,533	553,044	543,636	529,890
Industrial.....	14,637	14,571	13,515	14,326	11,533
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	554	513	572	488	498
Industrial.....	225,511	242,187	252,896	229,712	273,224
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.60	2.32	2.44	2.02	2.25
Imports .....	1.67	2.24	2.52	2.51	2.30
Exports .....	1.49	2.13	2.46	2.03	2.24
Pipeline Fuel.....	1.57	2.41	2.45	2.05	1.96
City Gate .....	2.73	3.08	3.44	2.59	2.81
Delivered to Consumers					
Residential.....	5.82	5.96	6.45	6.26	6.30
Commercial .....	4.26	4.58	5.17	4.74	4.77
Industrial.....	1.90	2.67	2.89	2.40	2.58
Vehicle Fuel.....	2.54	2.66	2.87	2.58	1.86
Electric Utilities .....	1.96	2.63	2.73	2.33	2.55

R = Revised data.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The West South Central Census Division includes Arkansas, Louisiana, Oklahoma, and Texas. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

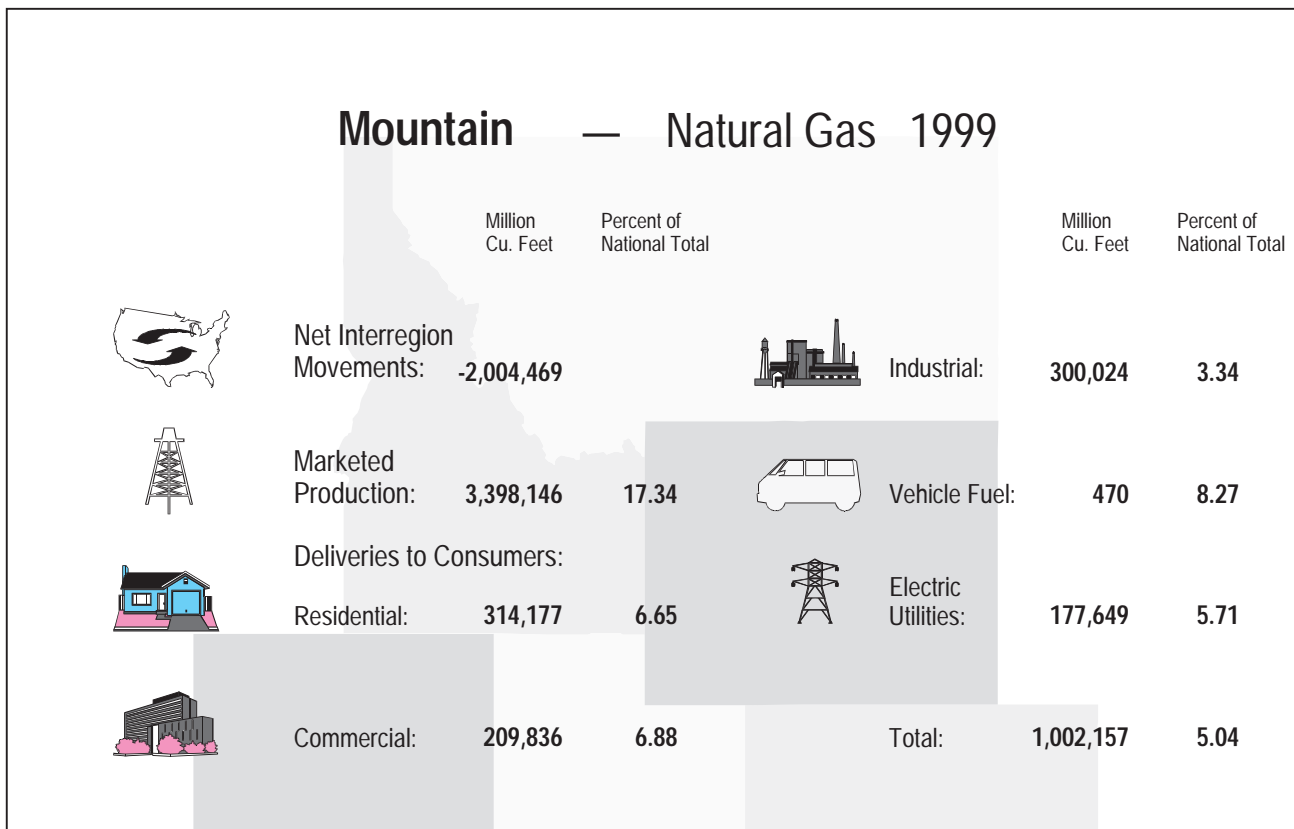


Table 36. Summary Statistics for Natural Gas — Mountain, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	38,775	41,236	49,573	52,282	46,259
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	3,131,205	3,166,689	3,333,043	3,346,183	3,480,946
From Oil Wells.....	503,986	505,903	513,267	525,236	478,387
<b>Total.....</b>	<b>3,635,191</b>	<b>3,672,592</b>	<b>3,846,311</b>	<b>3,871,419</b>	<b>3,959,333</b>
Repressuring .....	183,504	158,953	146,868	134,998	104,546
Nonhydrocarbon Gases Removed.....	149,005	241,953	292,008	277,379	294,406
Wet After Lease Separation.....	3,302,682	3,271,686	3,407,435	3,459,042	3,560,380
Vented and Flared.....	187,861	177,255	163,021	164,858	162,234
Marketed Production .....	3,114,821	3,094,431	3,244,414	3,294,184	3,398,146
Extraction Loss.....	161,227	191,503	205,511	187,599	195,589
<b>Total Dry Production.....</b>	<b>2,953,594</b>	<b>2,902,928</b>	<b>3,038,903</b>	<b>3,106,585</b>	<b>3,202,557</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	2,953,594	2,902,928	3,038,903	3,106,585	3,202,557
Receipts at Region Borders					
Imports .....	1,393,874	1,418,625	1,429,481	1,460,388	1,607,469
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts .....	363,540	346,591	357,269	302,295	202,161
Withdrawals from Storage					
Underground Storage.....	118,287	146,490	134,266	105,448	136,578
LNG Storage .....	661	770	1,050	1,360	463
Supplemental Gas Supplies.....	7,170	6,787	6,314	5,292	4,526
Balancing Item.....	-307,718	-226,296	-266,067	65,756	32,315
<b>Total Supply.....</b>	<b>4,529,409</b>	<b>4,595,896</b>	<b>4,701,215</b>	<b>5,047,124</b>	<b>5,186,070</b>

See footnotes at end of table.

**Table 36. Summary Statistics for Natural Gas — Mountain, 1995-1999 (Continued)**

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	1,106,003	1,162,821	1,208,313	1,256,018	1,245,178
Deliveries at Region Borders					
Exports .....	42	3,405	3,901	4,166	4,279
Intransit Deliveries .....	0	0	0	0	0
Interregion Deliveries .....	3,308,568	3,316,341	3,360,431	3,666,630	3,809,820
Additions to Storage					
Underground Storage .....	114,133	112,421	127,427	119,442	124,357
LNG Storage .....	663	817	1,143	868	926
<b>Total Disposition .....</b>	<b>4,529,409</b>	<b>4,595,805</b>	<b>4,701,215</b>	<b>5,047,124</b>	<b>5,184,560</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	52,924	55,623	58,352	61,407	60,329
Pipeline Fuel .....	107,495	76,874	115,415	105,598	103,097
Plant Fuel .....	73,571	102,870	82,343	78,843	79,595
Delivered to Consumers					
Residential .....	274,405	299,923	315,854	317,559	314,177
Commercial .....	197,993	210,381	215,795	211,438	209,836
Industrial .....	295,227	311,229	301,308	324,585	300,024
Vehicle Fuel .....	462	442	581	577	470
Electric Utilities .....	103,926	105,479	118,666	156,010	177,649
<b>Total Delivered to Consumers .....</b>	<b>872,014</b>	<b>927,454</b>	<b>952,204</b>	<b>1,010,169</b>	<b>1,002,157</b>
<b>Total Consumption .....</b>	<b>1,106,003</b>	<b>1,162,821</b>	<b>1,208,313</b>	<b>1,256,018</b>	<b>1,245,178</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	218	846	935	1,000	470
Commercial .....	29,185	33,154	33,625	35,236	36,648
Industrial .....	261,683	280,217	267,524	294,369	270,417
Electric Utilities .....	98,471	95,111	100,792	99,313	171,167
<b>Number of Consumers</b>					
Residential .....	3,578,020	3,746,952	3,881,774	4,048,727	4,218,179
Commercial .....	337,499	344,111	350,731	361,974	373,944
Industrial .....	4,712	5,861	9,128	10,081	11,414
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	587	611	615	584	561
Industrial .....	62,654	53,102	33,009	32,198	26,286
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.31	1.78	2.01	1.79	2.02
Imports .....	1.06	1.49	1.82	1.69	2.03
Exports .....	1.53	1.92	2.38	1.92	2.63
Pipeline Fuel .....	1.24	1.70	2.02	1.88	1.52
City Gate .....	2.44	2.56	2.89	2.57	2.52
Delivered to Consumers					
Residential .....	5.32	4.91	5.43	5.84	5.87
Commercial .....	4.45	4.02	4.41	4.81	4.77
Industrial .....	3.08	3.04	3.54	3.09	3.24
Vehicle Fuel .....	3.99	3.99	4.29	4.45	4.69
Electric Utilities .....	1.74	2.34	2.56	2.39	2.54

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The Mountain Census Division includes Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

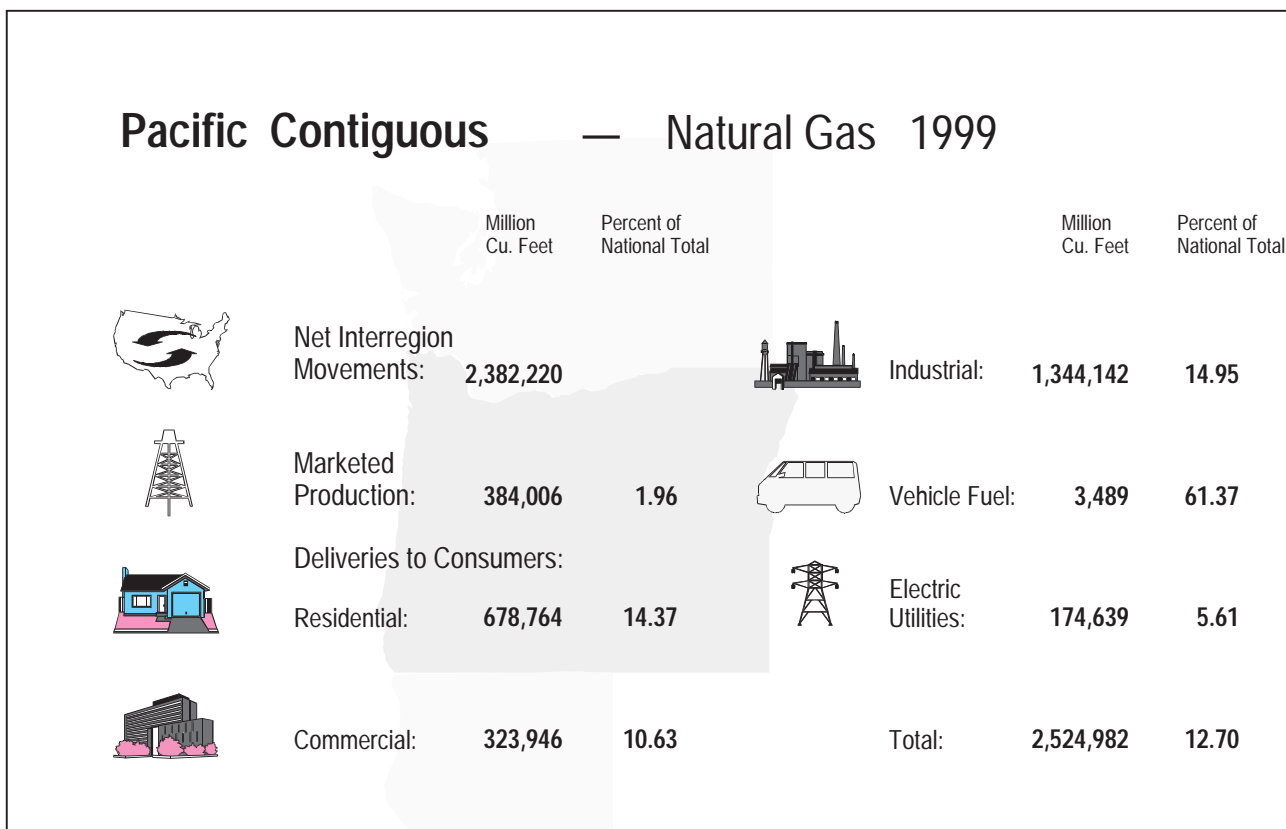


Table 37. Summary Statistics for Natural Gas — Pacific Contiguous, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	1,014	996	947	862	1,171
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	96,329	88,173	80,182	82,360	91,397
From Oil Wells.....	289,430	313,581	318,852	316,472	342,372
<b>Total.....</b>	<b>385,759</b>	<b>401,754</b>	<b>399,034</b>	<b>398,832</b>	<b>433,768</b>
Repressuring .....	101,556	111,356	110,177	79,659	47,974
Nonhydrocarbon Gases Removed.....	1,475	1,196	405	877	421
Wet After Lease Separation.....	282,728	289,201	288,453	318,296	385,373
Vented and Flared.....	1,250	1,268	1,590	1,952	1,367
Marketed Production .....	281,478	287,933	286,863	316,344	384,006
Extraction Loss.....	11,509	12,169	11,600	10,242	10,762
<b>Total Dry Production.....</b>	<b>269,969</b>	<b>275,764</b>	<b>275,263</b>	<b>306,102</b>	<b>373,244</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	269,969	275,764	275,263	306,102	373,244
Receipts at Region Borders					
Imports .....	335,866	356,711	360,261	374,666	415,636
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts .....	1,892,995	1,768,560	1,910,665	2,075,323	1,970,365
Withdrawals from Storage					
Underground Storage.....	135,973	182,920	185,809	158,366	161,644
LNG Storage .....	2,803	3,345	3,096	2,943	2,325
Supplemental Gas Supplies.....	2	2	2	2	3
Balancing Item.....	-36,926	-113,391	-65,262	-125,531	-142,852
<b>Total Supply.....</b>	<b>2,600,682</b>	<b>2,473,912</b>	<b>2,669,835</b>	<b>2,791,871</b>	<b>2,780,365</b>

See footnotes at end of table.

Table 37. Summary Statistics for Natural Gas — Pacific Contiguous, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	2,291,405	2,214,558	2,349,736	2,483,432	2,618,231
Deliveries at Region Borders					
Exports .....	0	0	308	2,275	3,761
Intransit Deliveries .....	0	0	0	0	0
Interregion Deliveries .....	139,367	126,110	144,868	103,316	20
Additions to Storage					
Underground Storage .....	166,574	128,778	171,788	201,152	155,252
LNG Storage .....	2,731	3,013	3,134	1,696	3,100
<b>Total Disposition .....</b>	<b>2,600,077</b>	<b>2,472,460</b>	<b>2,669,835</b>	<b>2,791,871</b>	<b>2,780,365</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	62,226	63,337	69,386	68,370	61,810
Pipeline Fuel .....	34,835	33,091	43,810	31,019	27,228
Plant Fuel .....	4,287	4,520	4,796	4,511	4,212
Delivered to Consumers					
Residential .....	558,326	569,235	573,239	646,284	678,764
Commercial .....	343,749	308,804	326,074	353,701	323,946
Industrial .....	866,822	895,529	938,916	1,063,277	1,344,142
Vehicle Fuel .....	970	1,402	2,272	2,881	3,489
Electric Utilities .....	420,191	338,640	391,244	313,388	174,639
<b>Total Delivered to Consumers .....</b>	<b>2,190,057</b>	<b>2,113,610</b>	<b>2,231,744</b>	<b>2,379,531</b>	<b>2,524,982</b>
<b>Total Consumption .....</b>	<b>2,291,405</b>	<b>2,214,558</b>	<b>2,349,736</b>	<b>2,483,432</b>	<b>2,618,231</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	2,848	3,472	3,623	3,699	3,921
Commercial .....	137,416	113,757	133,654	151,144	110,822
Industrial .....	729,345	780,456	832,142	943,600	1,202,331
Electric Utilities .....	389,161	283,653	328,692	300,868	146,352
<b>Number of Consumers</b>					
Residential .....	9,915,609	10,076,303	10,220,134	10,396,932	10,612,310
Commercial .....	537,725	539,615	542,772	729,079	562,820
Industrial .....	42,792	40,999	41,005	41,513	42,026
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	639	572	601	485	576
Industrial .....	20,257	21,843	22,898	25,613	31,984
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.72	1.82	2.41	1.97	2.36
Imports .....	1.23	1.43	1.69	1.71	2.17
Exports .....	—	—	3.15	4.90	2.73
Pipeline Fuel .....	1.36	1.69	1.65	1.84	2.03
City Gate .....	2.08	2.55	2.91	2.40	2.64
Delivered to Consumers					
Residential .....	6.39	6.35	6.65	6.81	6.57
Commercial .....	5.88	5.57	5.85	5.91	5.83
Industrial .....	3.41	3.43	3.77	3.52	3.28
Vehicle Fuel .....	5.53	4.56	4.48	4.24	4.44
Electric Utilities .....	2.27	2.73	3.33	2.70	2.55

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The Pacific Contiguous Census Division includes California, Oregon, and Washington. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



## Pacific Noncontiguous — Natural Gas 1999




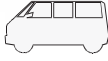



	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interregion Movements:	-63,607		 Industrial:	74,687	0.83
 Marketed Production:	462,967	2.36	 Vehicle Fuel:	0	0.00
Deliveries to Consumers:			 Electric Utilities:	30,529	0.98
 Residential:	18,158	0.38			
 Commercial:	29,416	0.96	Total:	152,789	0.77

Table 38. Summary Statistics for Natural Gas — Pacific Noncontiguous, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	100	102	141	148	99
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	179,470	183,747	179,534	182,993	177,640
From Oil Wells.....	3,190,433	3,189,837	3,201,416	3,195,855	3,184,441
<b>Total.....</b>	<b>3,369,904</b>	<b>3,373,584</b>	<b>3,380,950</b>	<b>3,378,848</b>	<b>3,362,082</b>
Repressuring.....	2,891,618	2,885,686	2,904,370	2,904,028	2,892,017
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	478,285	487,897	476,580	474,819	470,065
Vented and Flared.....	8,736	7,070	8,269	8,171	7,098
Marketed Production.....	469,550	480,828	468,311	466,648	462,967
Extraction Loss.....	35,052	38,453	41,535	40,120	38,412
<b>Total Dry Production.....</b>	<b>434,498</b>	<b>442,375</b>	<b>426,776</b>	<b>426,528</b>	<b>424,555</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	434,498	442,375	426,776	426,528	424,555
Receipts at Region Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts .....	0	0	0	0	0
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	2,793	2,761	2,617	2,715	2,752
Balancing Item.....	60,995	73,907	60,791	74,224	59,068
<b>Total Supply.....</b>	<b>498,286</b>	<b>519,043</b>	<b>490,184</b>	<b>503,467</b>	<b>486,375</b>

See footnotes at end of table.

Table 38. Summary Statistics for Natural Gas — Pacific Noncontiguous, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	433,003	451,395	427,996	437,516	422,768
Deliveries at Region Borders					
Exports .....	65,283	67,648	62,187	65,951	63,607
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries .....	0	0	0	0	0
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>498,286</b>	<b>519,043</b>	<b>490,184</b>	<b>503,467</b>	<b>486,375</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	253,695	255,500	230,578	242,271	224,355
Pipeline Fuel.....	2,425	2,012	4,938	5,564	4,475
Plant Fuel .....	39,116	40,334	40,706	39,601	41,149
Delivered to Consumers					
Residential.....	15,805	16,720	15,664	16,151	18,158
Commercial .....	27,178	29,447	28,660	28,825	29,416
Industrial.....	64,977	75,616	73,941	76,319	74,687
Vehicle Fuel.....	0	0	0	0	0
Electric Utilities.....	29,809	31,767	33,510	28,784	30,529
<b>Total Delivered to Consumers .....</b>	<b>137,768</b>	<b>153,549</b>	<b>151,774</b>	<b>150,080</b>	<b>152,789</b>
<b>Total Consumption.....</b>	<b>433,003</b>	<b>451,395</b>	<b>427,996</b>	<b>437,516</b>	<b>422,768</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	5,019	9,990	12,241	13,649	12,345
Industrial.....	31,112	27,026	1,609	473	661
Electric Utilities .....	8,990	9,116	10,972	8,631	8,811
<b>Number of Consumers</b>					
Residential.....	109,966	112,365	114,586	117,161	119,632
Commercial .....	15,409	15,555	15,728	15,937	16,172
Industrial.....	9	202	34	33	38
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	1,764	1,893	1,822	1,809	1,819
Industrial.....	7,219,705	374,337	2,174,737	2,312,711	1,965,439
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.64	1.61	1.82	1.32	1.37
Imports .....	—	—	—	—	—
Exports .....	3.41	3.65	3.85	2.91	3.08
Pipeline Fuel.....	1.24	1.17	1.34	1.23	1.33
City Gate .....	1.99	1.98	2.28	2.09	1.73
Delivered to Consumers					
Residential.....	4.13	3.95	4.37	4.18	4.09
Commercial .....	3.33	3.64	3.86	3.76	3.43
Industrial.....	1.45	1.41	1.58	1.38	1.29
Vehicle Fuel.....	—	—	—	—	—
Electric Utilities.....	1.29	1.45	1.74	1.80	1.59

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The Pacific Noncontiguous Census Division includes Alaska and Hawaii. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

# **State Summaries**

Table 39. Percent Distribution of Natural Gas Supply and Disposition by State, 1999

State	Marketed Production	Total Consumption
Alabama.....	2.79	1.53
Alaska.....	2.36	1.94
Arizona.....	0	0.74
Arkansas.....	0.87	1.20
California.....	1.95	9.89
Colorado.....	3.77	1.46
Connecticut.....	0	0.61
D.C.....	0	0.15
Delaware.....	0	0.26
Florida.....	0.03	2.39
Georgia.....	0	1.53
Hawaii.....	0	0.01
Idaho.....	0	0.32
Illinois.....	0	4.77
Indiana.....	0	2.61
Iowa.....	0	1.07
Kansas.....	2.82	1.40
Kentucky.....	0.39	0.98
Louisiana.....	27.12	6.89
Maine.....	0	0.03
Maryland.....	0	0.90
Massachusetts.....	0	1.56
Michigan.....	1.42	4.21
Minnesota.....	0	1.57
Mississippi.....	0.57	1.54
Missouri.....	0	1.23
Montana.....	0.31	0.29
Nebraska.....	0.01	0.56
Nevada.....	0	0.70
New Hampshire.....	0	0.09
New Jersey.....	0	2.84
New Mexico.....	7.71	1.06
New York.....	0.08	5.62
North Carolina.....	0	1.02
North Dakota.....	0.27	0.26
Ohio.....	0.56	3.90
Oklahoma.....	8.02	2.45
Oregon.....	0.01	0.96
Pennsylvania.....	0.89	3.10
Rhode Island.....	0	0.39
South Carolina.....	0	0.73
South Dakota.....	0.01	0.17
Tennessee.....	0.01	1.28
Texas.....	31.22	17.79
Utah.....	1.34	0.74
Vermont.....	0	0.04
Virginia.....	0.37	1.22
Washington.....	0	1.22
West Virginia.....	0.90	0.64
Wisconsin.....	0	1.72
Wyoming.....	4.20	0.45

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"; and EIA Report, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Report*, DOE/EIA-0216.

Table 40. Percent Distribution of Natural Gas Delivered to Consumers by State, 1999

State	Residential	Commercial	Industrial	Vehicle Fuel	Electric Utilities
Alabama .....	0.90	0.91	2.27	0.07	0.67
Alaska .....	0.37	0.91	0.83	—	0.98
Arizona .....	0.70	1.03	0.30	1.19	1.63
Arkansas .....	0.77	0.92	1.61	0.01	1.29
California .....	12.03	8.03	12.34	58.52	4.65
Colorado.....	2.37	2.08	0.85	0.16	0.62
Connecticut .....	0.81	1.56	0.36	1.63	0.42
D.C. ....	0.30	0.59	—	0.16	—
Delaware .....	0.19	0.20	0.23	0.03	0.64
Florida .....	0.29	1.19	1.57	1.44	10.26
Georgia .....	2.09	1.43	1.78	0.21	0.66
Hawaii .....	0.01	0.06	0.01	—	—
Idaho .....	0.38	0.41	0.38	0.66	—
Illinois .....	9.42	6.18	3.41	0.83	1.31
Indiana .....	3.21	2.42	3.56	0.84	0.25
Iowa.....	1.51	1.47	1.13	—	0.17
Kansas .....	1.44	1.30	1.08	0.03	1.15
Kentucky .....	1.25	1.17	1.04	0.04	0.18
Louisiana .....	0.96	0.81	9.74	0.14	10.29
Maine.....	0.02	0.08	0.03	—	—
Maryland .....	1.58	1.91	0.47	0.98	0.53
Massachusetts .....	2.24	2.14	1.75	0.02	0.26
Michigan.....	7.42	5.88	3.35	0.56	1.64
Minnesota.....	2.52	2.89	1.16	0.29	0.21
Mississippi.....	0.52	0.67	1.34	0.02	3.26
Missouri.....	2.37	2.07	0.72	0.11	0.62
Montana .....	0.42	0.40	0.26	0.12	0.01
Nebraska .....	0.86	0.91	0.51	—	0.15
Nevada .....	0.61	0.75	0.38	0.65	2.09
New Hampshire.....	0.14	0.24	0.07	—	0.02
New Jersey .....	4.43	5.37	2.30	0.01	1.05
New Mexico.....	0.75	0.90	0.29	2.96	1.14
New York.....	7.85	11.81	3.30	10.12	5.84
North Carolina.....	1.12	1.25	1.21	—	0.34
North Dakota .....	0.22	0.33	0.20	0.06	—
Ohio.....	6.74	5.50	3.68	7.04	0.36
Oklahoma .....	1.30	1.30	1.98	3.06	5.46
Oregon .....	0.82	0.94	1.20	0.91	0.75
Pennsylvania.....	5.11	4.70	2.68	0.71	0.33
Rhode Island .....	0.35	0.39	0.62	0.19	—
South Carolina .....	0.54	0.68	1.14	0.04	0.16
South Dakota .....	0.25	0.31	0.06	0.05	0.08
Tennessee .....	1.25	1.69	1.55	0.16	0.11
Texas.....	3.72	5.63	21.72	0.03	38.78
Utah.....	1.17	1.00	0.45	2.28	0.21
Vermont.....	0.05	0.08	0.03	—	0.01
Virginia .....	1.47	2.02	1.13	0.73	0.75
Washington .....	1.52	1.66	1.41	1.96	0.22
West Virginia .....	0.67	0.90	0.50	0.09	0.01
Wisconsin.....	2.70	2.68	1.63	0.65	0.45
Wyoming .....	0.26	0.32	0.43	0.25	0.01

— = Not applicable.

Sources: Energy Information Administration, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and Form EIA-759, "Monthly Power Plant Report."

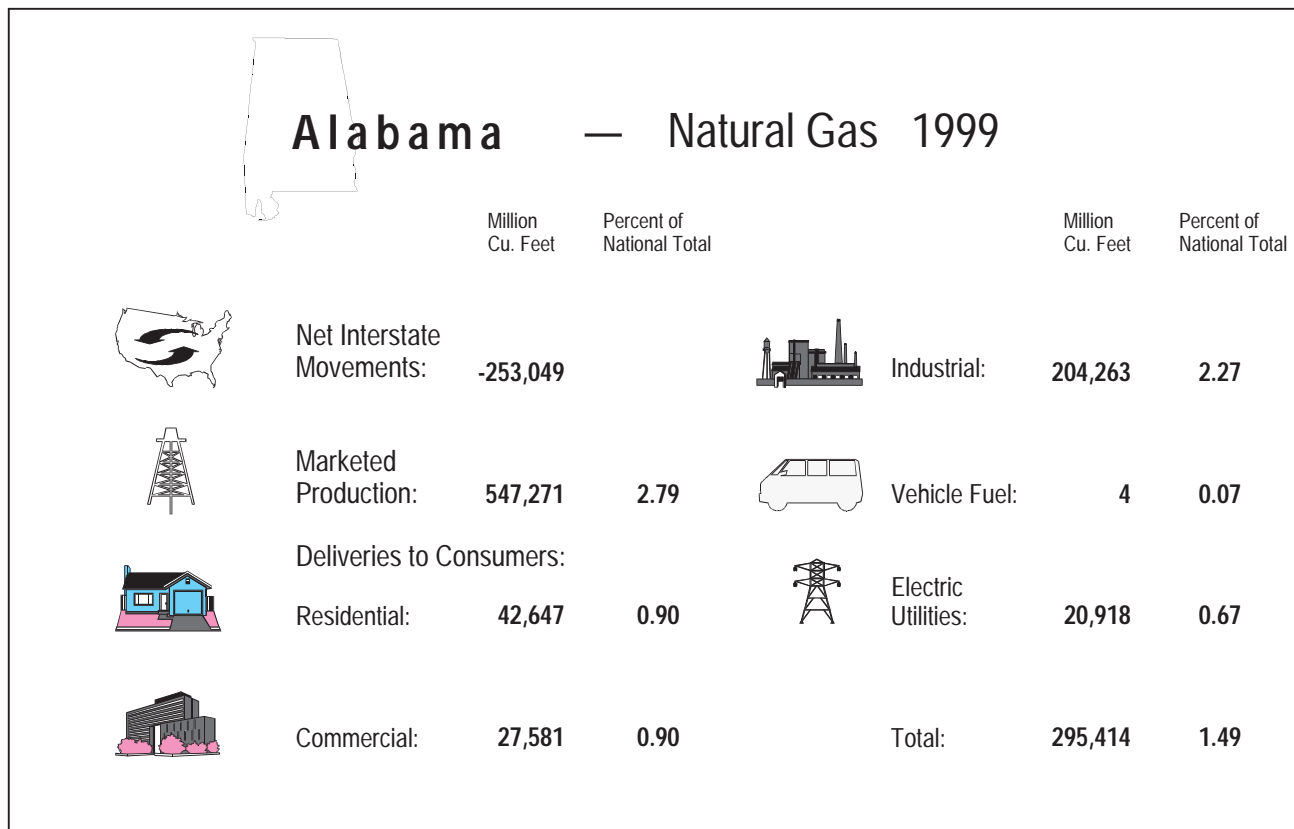


Table 41. Summary Statistics for Natural Gas — Alabama, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	3,526	4,105	4,156	4,171	4,204
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	568,190	570,907	619,302	597,424	579,057
From Oil Wells.....	11,935	11,394	10,463	8,414	7,048
<b>Total.....</b>	<b>580,125</b>	<b>582,301</b>	<b>629,765</b>	<b>605,839</b>	<b>586,105</b>
Repressuring .....	30,949	22,601	17,724	13,994	13,793
Nonhydrocarbon Gases Removed.....	26,580	27,006	27,205	26,604	23,956
Wet After Lease Separation.....	522,596	532,694	584,836	565,241	548,356
Vented and Flared.....	2,935	1,853	1,563	1,462	1,085
Marketed Production .....	519,661	530,841	583,272	563,779	547,271
Extraction Loss.....	5,273	5,361	4,637	4,263	18,079
<b>Total Dry Production.....</b>	<b>514,388</b>	<b>525,480</b>	<b>578,635</b>	<b>559,516</b>	<b>529,192</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	514,388	525,480	578,635	559,516	529,192
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	3,253,871	3,231,927	3,063,122	2,868,989	2,865,624
Withdrawals from Storage					
Underground Storage.....	1,448	2,125	1,860	1,774	2,482
LNG Storage .....	688	1,282	535	469	783
Supplemental Gas Supplies.....	*	18	21	2	4
Balancing Item.....	-57,782	-35,808	-70,094	-29,996	56,610
<b>Total Supply.....</b>	<b>3,712,613</b>	<b>3,725,024</b>	<b>3,574,080</b>	<b>3,400,754</b>	<b>3,454,695</b>

See footnotes at end of table.

Table 41. Summary Statistics for Natural Gas — Alabama, 1995-1999 (Continued)

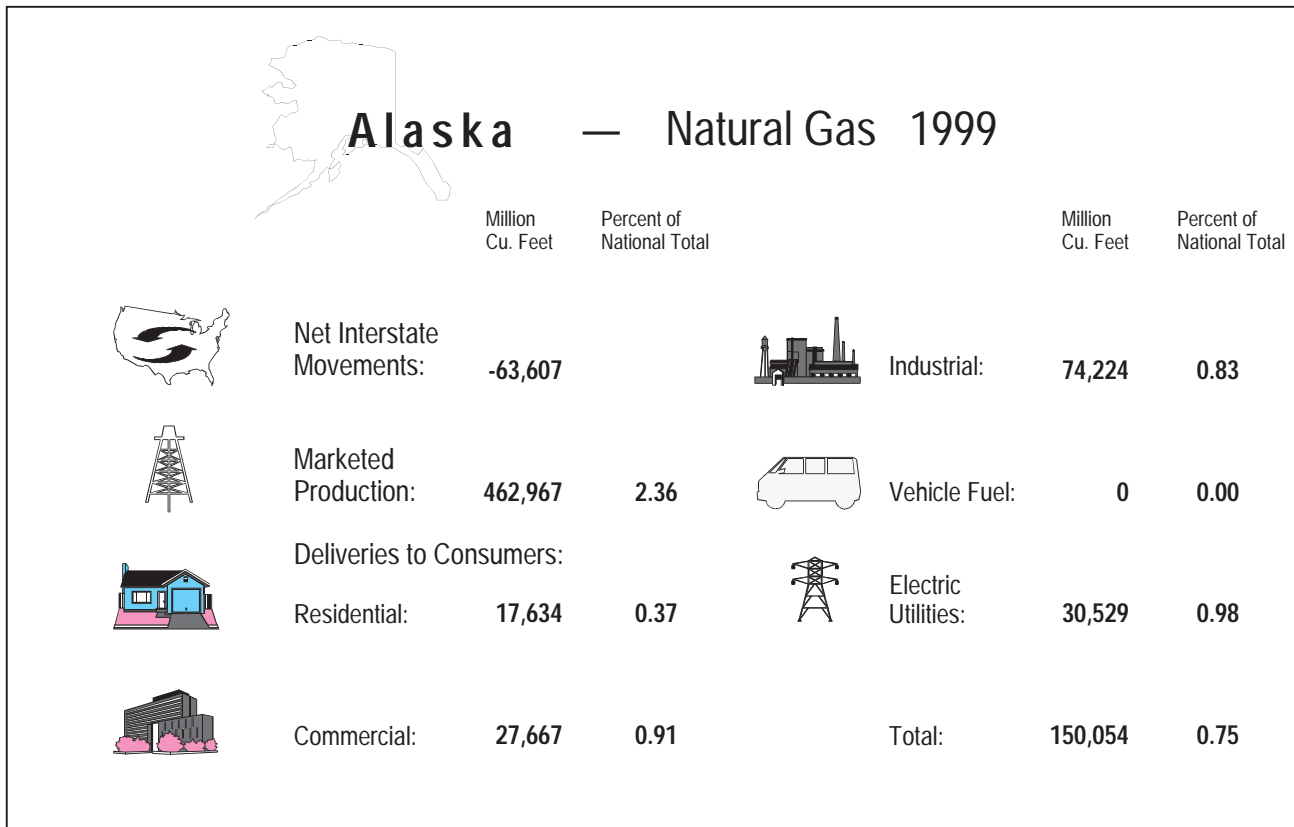
	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	321,577	325,542	322,271	328,091	332,813
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	3,389,137	3,395,153	3,248,827	3,069,942	3,118,673
Additions to Storage					
Underground Storage .....	1,375	3,349	2,022	2,220	2,646
LNG Storage .....	524	979	960	501	564
<b>Total Disposition .....</b>	<b>3,712,613</b>	<b>3,725,024</b>	<b>3,574,080</b>	<b>3,400,754</b>	<b>3,454,695</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	10,468	10,492	7,020	7,650	9,954
Pipeline Fuel .....	20,064	19,139	20,689	19,948	22,109
Plant Fuel .....	3,806	2,827	2,468	2,391	5,336
Delivered to Consumers					
Residential .....	49,570	56,522	48,496	46,544	42,647
Commercial .....	26,228	29,000	32,360	25,705	27,581
Industrial .....	204,060	201,414	201,240	200,305	204,263
Vehicle Fuel .....	4	2	2	2	4
Electric Utilities .....	7,377	6,146	9,997	25,546	20,918
<b>Total Delivered to Consumers .....</b>	<b>287,239</b>	<b>293,084</b>	<b>292,094</b>	<b>298,102</b>	<b>295,414</b>
<b>Total Consumption .....</b>	<b>321,577</b>	<b>325,542</b>	<b>322,271</b>	<b>328,091</b>	<b>332,813</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	0	0
Commercial .....	5,213	5,470	11,432	5,009	8,141
Industrial .....	156,374	155,962	151,727	153,936	159,663
Electric Utilities .....	7,441	5,101	11,194	25,270	16,228
<b>Number of Consumers</b>					
Residential .....	751,890	766,322	781,711	788,464	775,311
Commercial .....	60,902	62,064	65,919	76,467	64,185
Industrial .....	2,491	2,512	2,496	2,465	2,626
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	431	467	491	336	430
Industrial .....	81,919	80,181	80,625	81,260	77,785
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.82	2.62	2.67	2.19	2.31
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.93	2.63	2.95	2.55	2.21
City Gate .....	2.89	3.48	3.65	3.17	3.21
Delivered to Consumers					
Residential .....	6.86	7.22	8.35	8.21	8.34
Commercial .....	5.80	6.19	6.98	6.65	6.68
Industrial .....	2.96	3.64	3.65	3.30	3.42
Vehicle Fuel .....	3.51	2.92	2.42	1.98	7.62
Electric Utilities .....	2.01	2.95	2.86	2.58	2.98

— = Not applicable.

\* = Volume is less than 500,000 cubic feet.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 42. Summary Statistics for Natural Gas — Alaska, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	100	102	141	148	99
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	179,470	183,747	179,534	182,993	177,640
From Oil Wells.....	3,190,433	3,189,837	3,201,416	3,195,855	3,184,441
<b>Total.....</b>	<b>3,369,904</b>	<b>3,373,584</b>	<b>3,380,950</b>	<b>3,378,848</b>	<b>3,362,082</b>
Repressuring.....	2,891,618	2,885,686	2,904,370	2,904,028	2,892,017
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	478,285	487,897	476,580	474,819	470,065
Vented and Flared.....	8,736	7,070	8,269	8,171	7,098
Marketed Production.....	469,550	480,828	468,311	466,648	462,967
Extraction Loss.....	35,052	38,453	41,535	40,120	38,412
<b>Total Dry Production.....</b>	<b>434,498</b>	<b>442,375</b>	<b>426,776</b>	<b>426,528</b>	<b>424,555</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	434,498	442,375	426,776	426,528	424,555
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	0	0	0	0	0
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	61,016	73,996	60,797	74,285	59,086
<b>Total Supply.....</b>	<b>495,514</b>	<b>516,370</b>	<b>487,573</b>	<b>500,813</b>	<b>483,640</b>

See footnotes at end of table.



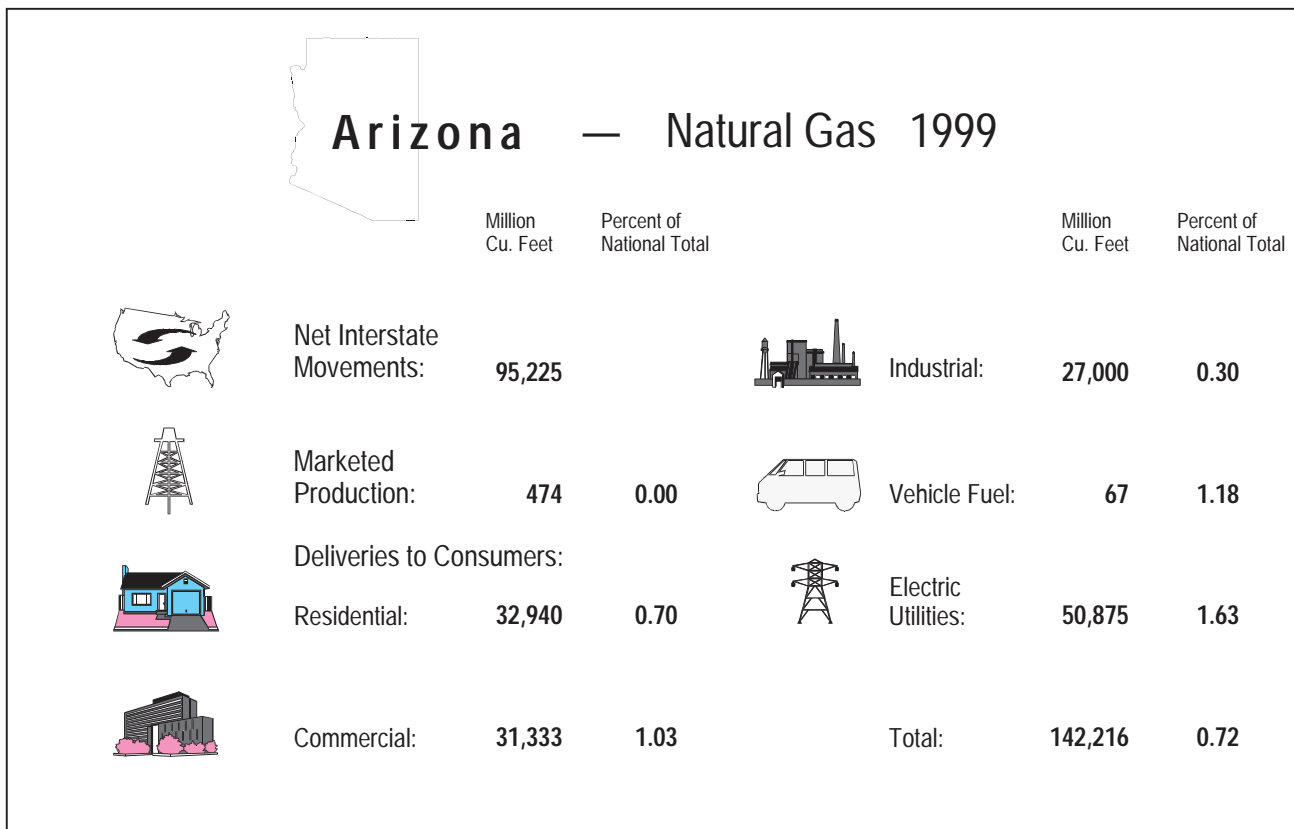
Table 42. Summary Statistics for Natural Gas — Alaska, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	430,231	448,722	425,386	434,862	420,033
Deliveries at State Borders					
Exports .....	65,283	67,648	62,187	65,951	63,607
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	0	0	0	0	0
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>495,514</b>	<b>516,370</b>	<b>487,573</b>	<b>500,813</b>	<b>483,640</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	253,695	255,500	230,578	242,271	224,355
Pipeline Fuel.....	2,425	2,012	4,938	5,564	4,475
Plant Fuel .....	39,116	40,334	40,706	39,601	41,149
Delivered to Consumers					
Residential.....	15,231	16,179	15,146	15,617	17,634
Commercial.....	24,979	27,315	26,908	27,079	27,667
Industrial.....	64,977	75,616	73,599	75,947	74,224
Vehicle Fuel.....	0	0	0	0	0
Electric Utilities.....	29,809	31,767	33,510	28,784	30,529
<b>Total Delivered to Consumers .....</b>	<b>134,996</b>	<b>150,877</b>	<b>149,164</b>	<b>147,426</b>	<b>150,054</b>
<b>Total Consumption.....</b>	<b>430,231</b>	<b>448,722</b>	<b>425,386</b>	<b>434,862</b>	<b>420,033</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	5,019	9,990	12,241	13,649	12,345
Industrial.....	31,112	27,026	1,609	473	661
Electric Utilities .....	8,990	9,116	10,972	8,631	8,811
<b>Number of Consumers</b>					
Residential.....	79,474	81,348	83,596	86,243	88,924
Commercial .....	12,584	12,732	12,945	13,176	13,409
Industrial.....	9	202	7	7	9
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	1,985	2,145	2,079	2,055	2,063
Industrial.....	7,219,705	374,337	10,514,186	10,849,558	8,247,117
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.64	1.61	1.82	1.32	1.37
Imports .....	—	—	—	—	—
Exports .....	3.41	3.65	3.85	2.91	3.08
Pipeline Fuel.....	1.24	1.17	1.34	1.23	1.33
City Gate .....	1.67	1.58	1.81	1.72	1.32
Delivered to Consumers					
Residential.....	3.63	3.42	3.77	3.67	3.64
Commercial.....	2.27	2.32	2.44	2.41	2.18
Industrial.....	1.45	1.41	1.54	1.34	1.25
Vehicle Fuel.....	—	—	—	—	—
Electric Utilities.....	1.29	1.45	1.74	1.80	1.59

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 43. Summary Statistics for Natural Gas — Arizona, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	7	7	8	8	8
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	470	417	398	429	471
From Oil Wells.....	88	47	55	28	3
<b>Total.....</b>	<b>558</b>	<b>464</b>	<b>453</b>	<b>457</b>	<b>474</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	558	464	453	457	474
Vented and Flared.....	0	0	1	0	0
Marketed Production .....	558	463	452	457	474
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>558</b>	<b>463</b>	<b>452</b>	<b>457</b>	<b>474</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	558	463	452	457	474
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	994,103	883,918	969,669	1,069,361	1,076,545
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	4,667	-19,994	9,469	71,367	65,122
<b>Total Supply.....</b>	<b>999,327</b>	<b>864,387</b>	<b>979,590</b>	<b>1,141,185</b>	<b>1,142,141</b>

See footnotes at end of table.

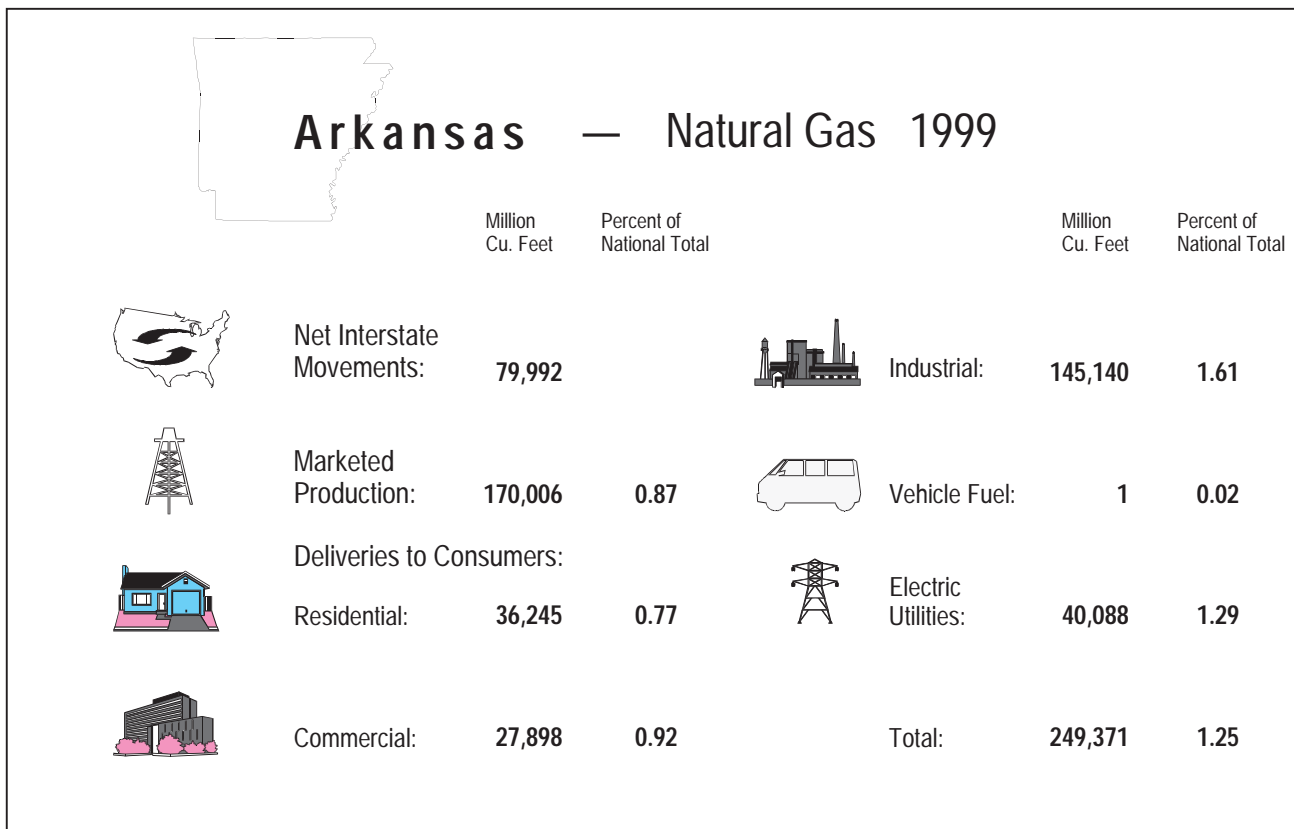
**Table 43. Summary Statistics for Natural Gas — Arizona, 1995-1999 (Continued)**

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	120,126	120,350	131,238	154,502	160,821
Deliveries at State Borders					
Exports .....	42	3,405	3,901	4,166	4,279
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	879,159	740,632	844,452	982,517	977,041
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>999,327</b>	<b>864,387</b>	<b>979,590</b>	<b>1,141,185</b>	<b>1,142,141</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	57	58	51	46	35
Pipeline Fuel.....	18,338	17,254	18,597	19,585	18,570
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	26,893	27,709	31,057	36,100	32,940
Commercial .....	28,210	28,987	30,132	31,788	31,333
Industrial.....	27,663	26,979	27,864	28,157	27,000
Vehicle Fuel.....	118	115	152	152	67
Electric Utilities .....	18,846	19,248	23,385	38,674	50,875
<b>Total Delivered to Consumers .....</b>	<b>101,731</b>	<b>103,037</b>	<b>112,590</b>	<b>134,871</b>	<b>142,216</b>
<b>Total Consumption.....</b>	<b>120,126</b>	<b>120,350</b>	<b>131,238</b>	<b>154,502</b>	<b>160,821</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	3,282	4,309	4,662	4,777	5,485
Industrial.....	20,825	21,670	20,873	18,740	17,238
Electric Utilities .....	25,867	26,662	31,829	35,158	45,742
<b>Number of Consumers</b>					
Residential.....	661,192	689,597	724,911	764,167	802,469
Commercial .....	49,145	49,693	50,115	51,712	53,023
Industrial.....	530	534	480	514	554
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	574	583	601	615	591
Industrial.....	52,195	50,522	58,049	54,780	48,736
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.20	1.65	2.40	1.88	2.08
Imports .....	—	—	—	—	—
Exports .....	1.53	1.92	2.38	1.92	2.63
Pipeline Fuel.....	1.19	1.80	2.20	1.90	2.08
City Gate .....	2.10	2.78	3.15	2.55	2.72
Delivered to Consumers					
Residential.....	7.82	7.52	7.83	8.50	9.13
Commercial .....	5.25	5.02	5.32	6.00	6.17
Industrial.....	3.81	3.80	3.60	3.26	3.43
Vehicle Fuel.....	3.76	3.45	3.49	4.46	5.28
Electric Utilities .....	1.77	3.03	2.99	2.42	2.67

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 44. Summary Statistics for Natural Gas — Arkansas, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	3,988	4,020	3,700	3,900	3,650
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	161,390	182,895	172,642	159,769	156,798
From Oil Wells.....	33,979	41,551	38,145	29,941	20,362
<b>Total.....</b>	<b>195,369</b>	<b>224,446</b>	<b>210,787</b>	<b>189,709</b>	<b>177,160</b>
Repressuring .....	7,815	2,354	2,139	1,293	1,150
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	187,554	222,092	208,648	188,417	176,010
Vented and Flared.....	313	270	134	45	6,005
Marketed Production .....	187,242	221,822	208,514	188,372	170,006
Extraction Loss.....	488	479	554	451	431
<b>Total Dry Production.....</b>	<b>186,754</b>	<b>221,343</b>	<b>207,960</b>	<b>187,921</b>	<b>169,575</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	186,754	221,343	207,960	187,921	169,575
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	2,614,855	2,810,961	2,872,118	2,510,822	2,529,375
Withdrawals from Storage					
Underground Storage.....	6,076	7,216	6,915	5,178	6,017
LNG Storage .....	56	85	68	62	53
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	1,505	-24,500	-17,975	-10,142	10,774
<b>Total Supply.....</b>	<b>2,809,246</b>	<b>3,015,105</b>	<b>3,069,087</b>	<b>2,693,840</b>	<b>2,715,795</b>

See footnotes at end of table.

Table 44. Summary Statistics for Natural Gas — Arkansas, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	257,068	270,661	263,092	272,719	260,576
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	2,546,781	2,737,292	2,799,272	2,414,107	2,449,383
Additions to Storage					
Underground Storage .....	5,368	7,152	6,665	6,951	5,784
LNG Storage .....	29	0	57	64	52
<b>Total Disposition .....</b>	<b>2,809,246</b>	<b>3,015,105</b>	<b>3,069,087</b>	<b>2,693,840</b>	<b>2,715,795</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	5,083	5,124	6,349	7,980	1,822
Pipeline Fuel .....	11,445	12,501	11,591	10,192	8,979
Plant Fuel .....	468	451	508	405	405
Delivered to Consumers					
Residential .....	41,107	46,289	42,428	38,190	36,245
Commercial .....	27,409	31,006	29,441	28,062	27,898
Industrial .....	138,803	141,300	147,969	147,313	145,140
Vehicle Fuel .....	2	3	2	1	1
Electric Utilities .....	32,750	33,988	24,805	40,576	40,088
<b>Total Delivered to Consumers .....</b>	<b>240,071</b>	<b>252,585</b>	<b>244,644</b>	<b>254,142</b>	<b>249,371</b>
<b>Total Consumption .....</b>	<b>257,068</b>	<b>270,661</b>	<b>263,092</b>	<b>272,719</b>	<b>260,576</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	0	0
Commercial .....	1,104	1,550	1,699	2,576	2,983
Industrial .....	119,716	122,937	132,410	133,918	131,250
Electric Utilities .....	23,132	26,442	20,213	40,150	38,196
<b>Number of Consumers</b>					
Residential .....	531,182	539,952	544,460	550,017	554,121
Commercial .....	65,490	67,293	68,413	69,974	71,389
Industrial .....	1,366	1,488	1,338	1,302	1,395
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	419	461	430	401	391
Industrial .....	101,613	94,960	110,589	113,144	104,043
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	3.02	3.82	4.03	3.92	4.10
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.45	2.41	2.42	1.58	1.38
City Gate .....	2.32	2.76	3.23	2.94	2.81
Delivered to Consumers					
Residential .....	5.48	5.92	6.67	6.85	7.22
Commercial .....	4.09	4.68	5.23	5.16	5.38
Industrial .....	2.78	3.28	3.71	3.48	3.45
Vehicle Fuel .....	3.94	3.86	5.21	5.35	5.03
Electric Utilities .....	1.74	2.52	2.69	2.29	2.59

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

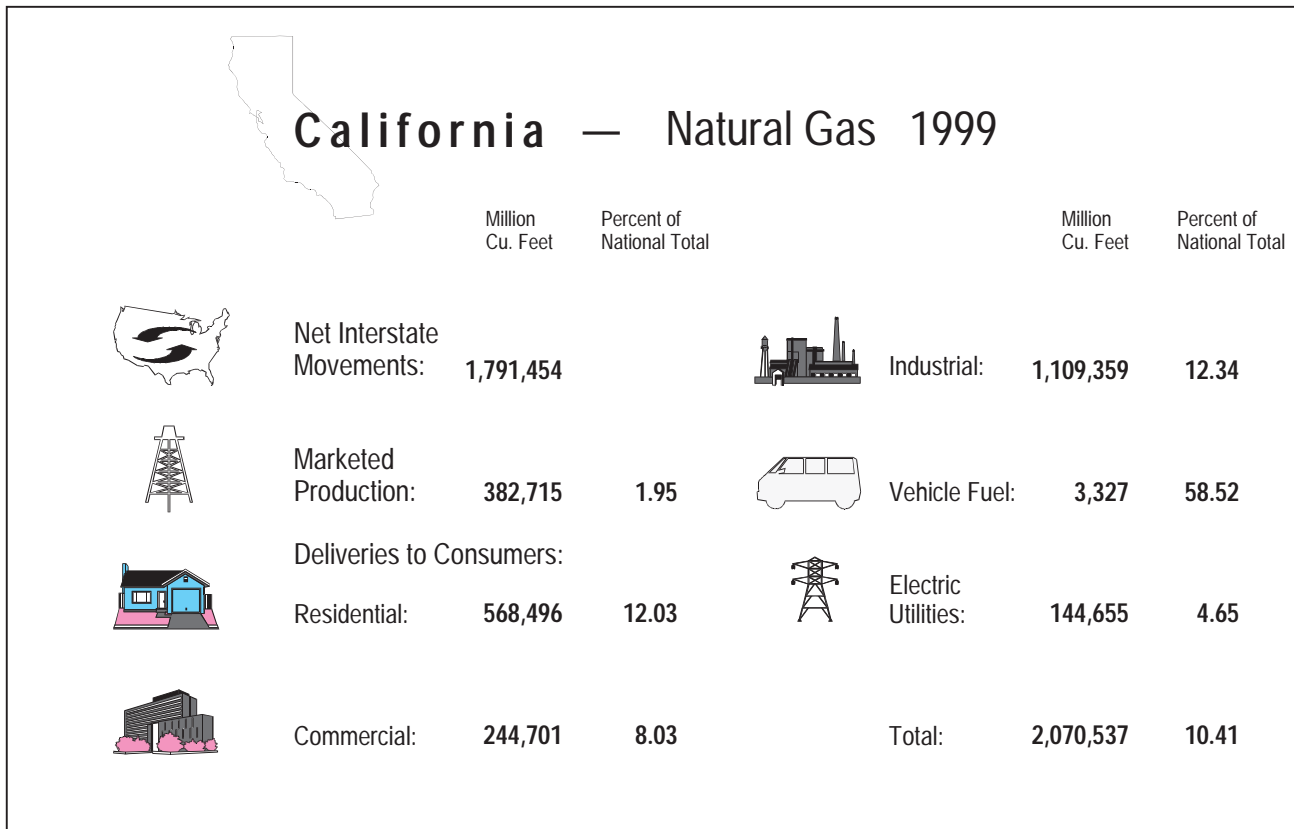


Table 45. Summary Statistics for Natural Gas — California, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	997	978	930	847	1,152
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	93,808	86,431	78,800	81,097	89,842
From Oil Wells.....	289,430	313,581	318,852	316,472	342,372
<b>Total.....</b>	<b>383,238</b>	<b>400,011</b>	<b>397,652</b>	<b>397,569</b>	<b>432,214</b>
Repressuring .....	101,513	111,317	110,134	79,614	47,924
Nonhydrocarbon Gases Removed.....	920	932	239	726	208
Wet After Lease Separation.....	280,805	287,763	287,280	317,229	384,082
Vented and Flared.....	1,250	1,268	1,590	1,952	1,367
Marketed Production .....	279,555	286,494	285,690	315,277	382,715
Extraction Loss.....	11,509	12,169	11,600	10,242	10,762
<b>Total Dry Production.....</b>	<b>268,046</b>	<b>274,325</b>	<b>274,090</b>	<b>305,035</b>	<b>371,953</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	268,046	274,325	274,090	305,035	371,953
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,690,530	1,547,503	1,671,128	1,820,433	1,795,215
Withdrawals from Storage					
Underground Storage.....	116,954	155,530	161,852	131,374	136,614
LNG Storage .....	72	50	109	150	117
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	-6,140	-65,819	-14,384	-67,706	-25,760
<b>Total Supply.....</b>	<b>2,069,462</b>	<b>1,911,589</b>	<b>2,092,795</b>	<b>2,189,286</b>	<b>2,278,139</b>

See footnotes at end of table.

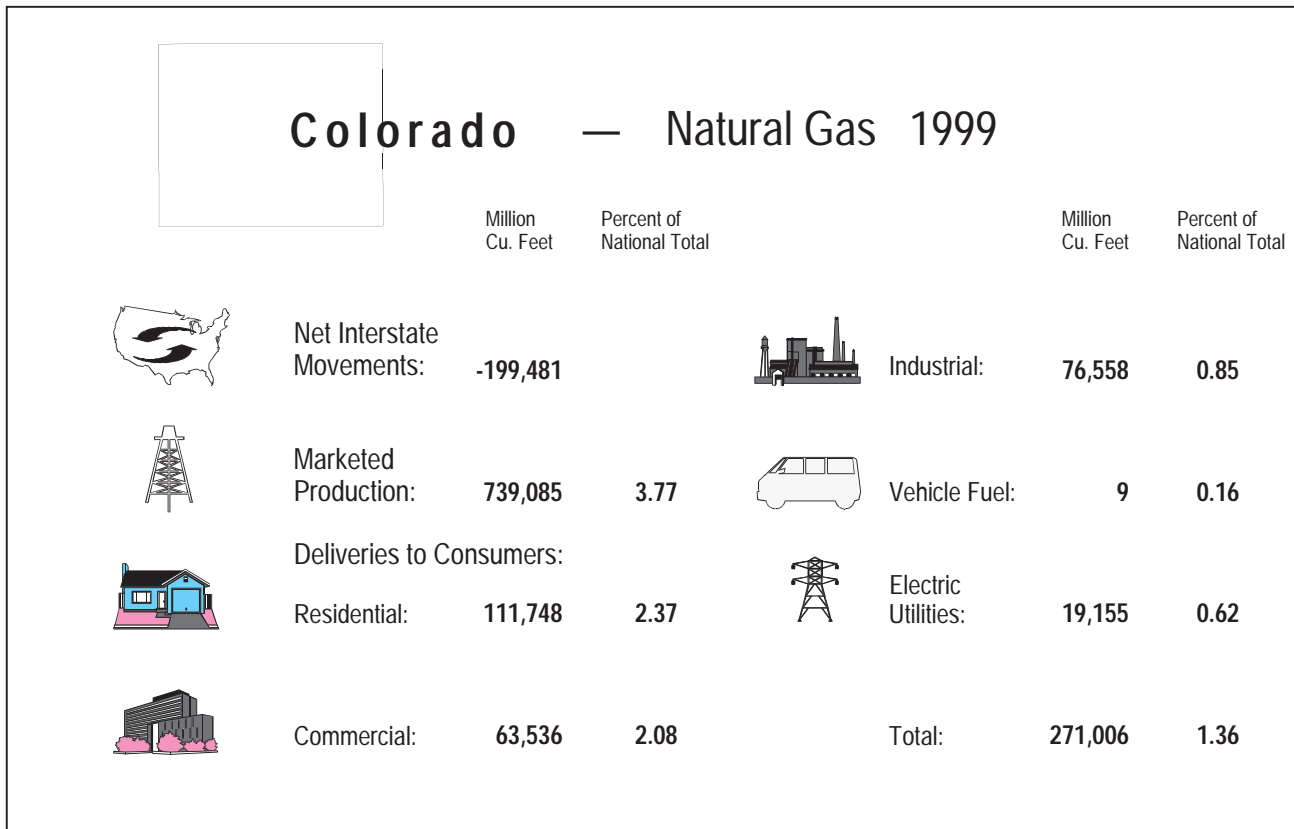
Table 45. Summary Statistics for Natural Gas — California, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	1,925,110	1,807,314	1,946,924	2,014,839	2,145,900
Deliveries at State Borders					
Exports .....	0	0	308	2,067	3,761
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	0	0	0	0	0
Additions to Storage					
Underground Storage .....	144,312	104,238	145,511	172,343	128,420
LNG Storage .....	39	37	51	37	58
<b>Total Disposition .....</b>	<b>2,069,462</b>	<b>1,911,589</b>	<b>2,092,795</b>	<b>2,189,286</b>	<b>2,278,139</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	62,160	63,297	69,386	68,370	61,810
Pipeline Fuel .....	18,942	18,281	22,493	8,587	9,341
Plant Fuel .....	4,287	4,520	4,796	4,511	4,212
Delivered to Consumers					
Residential .....	477,495	473,310	478,904	549,931	568,496
Commercial .....	278,761	235,068	253,923	282,153	244,701
Industrial .....	687,921	693,539	737,354	827,401	1,109,359
Vehicle Fuel .....	846	1,264	2,121	2,732	3,327
Electric Utilities .....	394,698	318,035	377,946	271,154	144,655
<b>Total Delivered to Consumers .....</b>	<b>1,839,721</b>	<b>1,721,217</b>	<b>1,850,248</b>	<b>1,933,371</b>	<b>2,070,537</b>
<b>Total Consumption .....</b>	<b>1,925,110</b>	<b>1,807,314</b>	<b>1,946,924</b>	<b>2,014,839</b>	<b>2,145,900</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	2,848	3,472	3,623	3,699	3,921
Commercial .....	133,483	106,531	125,836	144,864	105,079
Industrial .....	604,196	622,182	671,397	749,163	1,014,558
Electric Utilities .....	367,940	263,937	315,728	266,459	123,196
<b>Number of Consumers</b>					
Residential .....	8,865,541	8,969,308	9,060,473	9,181,928	9,331,206
Commercial .....	411,535	408,294	406,803	588,224	416,791
Industrial .....	38,457	36,613	36,553	36,970	37,266
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	677	576	624	480	587
Industrial .....	17,888	18,942	20,172	22,380	29,769
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.73	1.82	2.41	1.97	2.36
Imports .....	—	—	—	—	—
Exports .....	—	—	3.15	2.58	2.73
Pipeline Fuel .....	1.01	1.63	1.47	1.93	2.08
City Gate .....	2.03	2.59	2.98	2.38	2.61
Delivered to Consumers					
Residential .....	6.42	6.44	6.81	6.92	6.62
Commercial .....	6.21	5.96	6.43	6.37	6.17
Industrial .....	3.70	3.77	4.18	3.77	3.34
Vehicle Fuel .....	5.54	4.75	4.50	4.23	4.43
Electric Utilities .....	2.28	2.75	3.08	2.79	2.76

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 46. Summary Statistics for Natural Gas — Colorado, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	7,017	8,251	12,433	13,838	9,678
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	436,663	488,292	550,765	606,349	641,805
From Oil Wells.....	102,970	95,724	95,960	98,460	104,480
<b>Total.....</b>	<b>539,633</b>	<b>584,016</b>	<b>646,725</b>	<b>704,809</b>	<b>746,285</b>
Repressuring.....	15,040	10,715	7,172	7,244	6,397
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	524,593	573,301	639,553	697,565	739,887
Vented and Flared.....	1,510	1,230	2,178	1,244	802
Marketed Production.....	523,084	572,071	637,375	696,321	739,085
Extraction Loss.....	25,225	23,362	28,851	24,365	26,423
<b>Total Dry Production.....</b>	<b>497,859</b>	<b>548,709</b>	<b>608,524</b>	<b>671,956</b>	<b>712,662</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	497,859	548,709	608,524	671,956	712,662
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	699,431	744,096	751,517	732,416	722,120
Withdrawals from Storage					
Underground Storage.....	36,565	36,804	38,864	34,717	36,325
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	7,170	6,787	6,314	5,292	4,526
Balancing Item.....	-73,329	-240,412	-225,106	-163,402	-200,261
<b>Total Supply.....</b>	<b>1,167,696</b>	<b>1,095,985</b>	<b>1,180,113</b>	<b>1,280,978</b>	<b>1,275,373</b>

See footnotes at end of table.



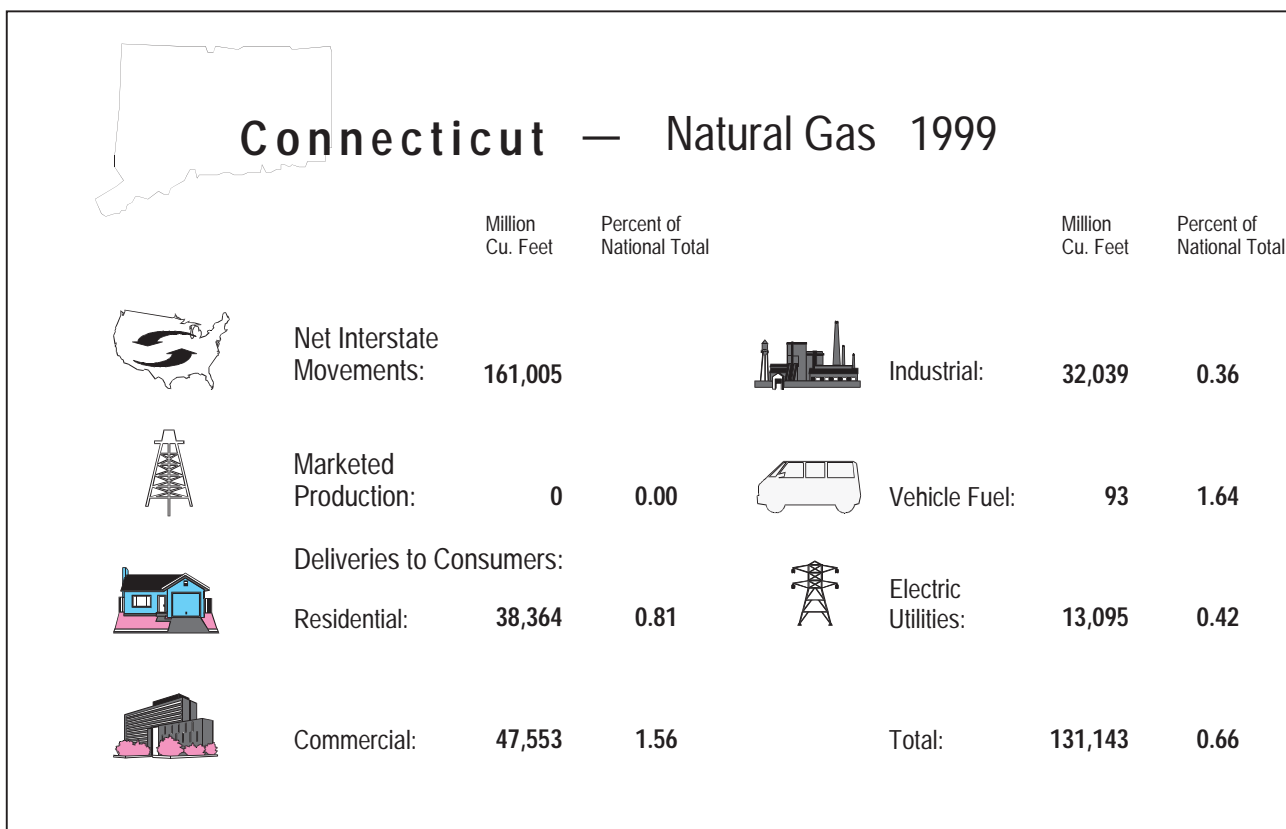
**Table 46. Summary Statistics for Natural Gas — Colorado, 1995-1999 (Continued)**

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	283,591	307,367	305,944	312,163	315,944
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	844,388	750,810	834,780	929,026	921,601
Additions to Storage					
Underground Storage.....	39,717	37,808	39,389	39,789	37,828
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>1,167,696</b>	<b>1,095,985</b>	<b>1,180,113</b>	<b>1,280,978</b>	<b>1,275,373</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	11,570	12,598	17,150	18,874	23,695
Pipeline Fuel.....	11,280	10,869	12,371	9,240	8,380
Plant Fuel .....	13,560	14,894	12,435	12,200	12,863
Delivered to Consumers					
Residential.....	104,286	110,924	115,583	110,839	111,748
Commercial .....	66,639	68,914	69,074	63,132	63,536
Industrial.....	72,439	83,640	73,781	87,238	76,558
Vehicle Fuel.....	18	17	13	13	9
Electric Utilities .....	3,798	5,511	5,536	10,627	19,155
<b>Total Delivered to Consumers .....</b>	<b>247,180</b>	<b>269,006</b>	<b>263,988</b>	<b>271,849</b>	<b>271,006</b>
<b>Total Consumption.....</b>	<b>283,591</b>	<b>307,367</b>	<b>305,944</b>	<b>312,163</b>	<b>315,944</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	3,863	4,702	4,998	3,573	1,508
Industrial.....	55,143	65,641	56,338	76,652	70,344
Electric Utilities .....	554	3,484	428	254	18,269
<b>Number of Consumers</b>					
Residential.....	1,108,899	1,147,743	1,183,978	1,223,433	1,265,032
Commercial .....	118,502	121,221	123,580	125,178	129,042
Industrial.....	1,528	2,099	2,961	3,350	4,728
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	562	568	559	504	492
Industrial.....	47,408	39,848	24,917	26,041	16,192
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	0.95	1.37	2.23	1.90	1.94
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.45	1.97	2.44	1.98	1.66
City Gate .....	2.65	2.70	2.92	2.40	2.31
Delivered to Consumers					
Residential.....	4.80	4.39	4.81	5.22	5.38
Commercial .....	4.23	3.67	4.06	4.34	4.43
Industrial.....	2.86	2.91	3.66	2.61	2.82
Vehicle Fuel.....	1.51	2.12	2.45	2.09	2.09
Electric Utilities .....	1.74	2.09	3.16	2.98	2.65

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 47. Summary Statistics for Natural Gas — Connecticut, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells .....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
<b>Total .....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation .....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
<b>Total Dry Production .....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	410,639	388,927	396,610	342,482	383,598
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage .....	1,109	1,585	737	381	400
Supplemental Gas Supplies .....	68	48	37	33	31
Balancing Item .....	-19,321	-5,784	197	6,984	-29,309
<b>Total Supply .....</b>	<b>392,495</b>	<b>384,776</b>	<b>397,580</b>	<b>349,880</b>	<b>354,720</b>

See footnotes at end of table.

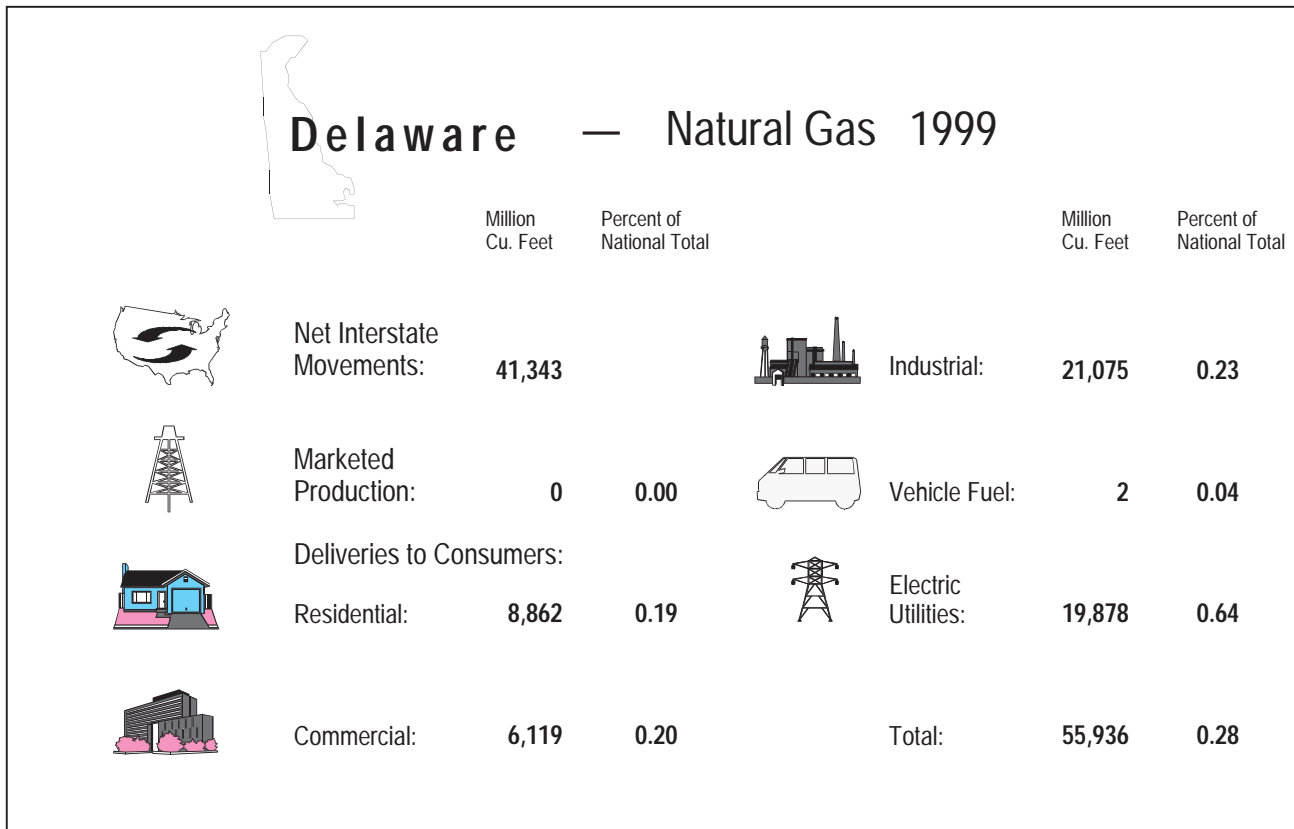
Table 47. Summary Statistics for Natural Gas — Connecticut, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	132,273	127,878	137,049	121,788	131,793
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	259,486	254,633	259,700	227,644	222,593
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	736	2,265	832	447	334
<b>Total Disposition .....</b>	<b>392,495</b>	<b>384,776</b>	<b>397,580</b>	<b>349,880</b>	<b>354,720</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	1,144	1,390	2,492	833	650
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	40,824	43,764	40,562	35,329	38,364
Commercial .....	37,879	39,786	42,624	42,333	47,553
Industrial.....	33,106	32,451	34,554	32,498	32,039
Vehicle Fuel.....	12	32	56	77	93
Electric Utilities .....	19,310	10,456	16,761	10,719	13,095
<b>Total Delivered to Consumers .....</b>	<b>131,130</b>	<b>126,488</b>	<b>134,557</b>	<b>120,955</b>	<b>131,143</b>
<b>Total Consumption.....</b>	<b>132,273</b>	<b>127,878</b>	<b>137,049</b>	<b>121,788</b>	<b>131,793</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	6,836	5,193	7,709	13,270	17,692
Industrial.....	4,130	5,008	11,597	14,359	14,156
Electric Utilities .....	16,058	8,427	12,677	10,653	13,703
<b>Number of Consumers</b>					
Residential.....	431,909	433,778	436,119	438,716	442,457
Commercial .....	45,935	47,055	48,195	47,110	49,930
Industrial.....	3,705	3,435	3,459	3,441	3,465
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	825	846	884	899	952
Industrial.....	8,935	9,447	9,990	9,444	9,246
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	2.20	3.50	1.54	3.00	2.68
City Gate .....	4.70	5.11	5.11	5.06	4.91
Delivered to Consumers					
Residential.....	10.00	10.08	10.33	10.60	10.54
Commercial .....	7.57	7.41	7.23	6.90	6.54
Industrial.....	4.39	4.80	4.73	4.34	4.15
Vehicle Fuel.....	6.08	6.66	5.68	5.21	5.11
Electric Utilities .....	2.01	2.76	2.47	2.44	2.74

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 48. Summary Statistics for Natural Gas — Delaware, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	54,864	46,232	47,619	40,057	45,009
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	103	226	121	70	52
Supplemental Gas Supplies.....	1	1	2	0	0
Balancing Item.....	8,827	11,055	2,268	4,043	14,669
<b>Total Supply.....</b>	<b>63,795</b>	<b>57,514</b>	<b>50,009</b>	<b>44,170</b>	<b>59,730</b>

See footnotes at end of table.

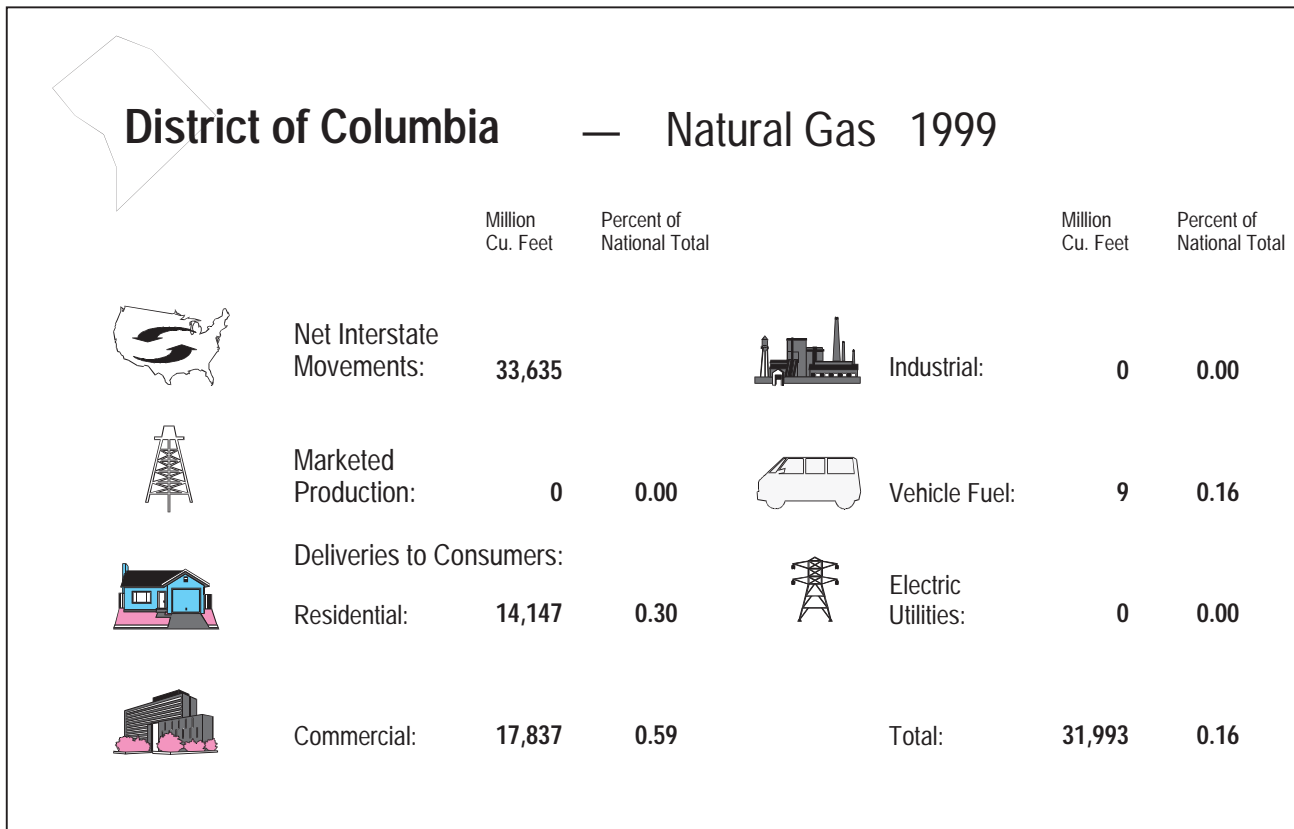
Table 48. Summary Statistics for Natural Gas — Delaware, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	60,662	54,026	46,492	40,785	55,981
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	3,030	3,252	3,405	3,308	3,666
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	103	237	112	77	83
<b>Total Disposition .....</b>	<b>63,795</b>	<b>57,514</b>	<b>50,009</b>	<b>44,170</b>	<b>59,730</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	5	5	13	15	45
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	8,505	9,791	8,972	7,755	8,862
Commercial.....	5,743	6,694	6,608	5,590	6,119
Industrial.....	19,399	14,164	14,805	16,287	21,075
Vehicle Fuel.....	1	1	2	2	2
Electric Utilities.....	27,010	23,370	16,092	11,135	19,878
<b>Total Delivered to Consumers .....</b>	<b>60,658</b>	<b>54,020</b>	<b>46,480</b>	<b>40,769</b>	<b>55,936</b>
<b>Total Consumption.....</b>	<b>60,662</b>	<b>54,026</b>	<b>46,492</b>	<b>40,785</b>	<b>55,981</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	0	0	0	0	75
Industrial.....	6,281	8,882	10,223	12,633	17,567
Electric Utilities.....	21,423	19,088	13,697	10,239	18,552
<b>Number of Consumers</b>					
Residential.....	103,531	106,548	109,400	112,507	115,961
Commercial.....	9,133	9,518	9,807	10,081	10,441
Industrial.....	253	250	265	257	264
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial.....	629	703	674	554	586
Industrial.....	76,678	56,657	55,870	63,375	79,828
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	3.02	3.51	2.98	2.40	2.22
City Gate .....	2.70	3.68	3.53	3.02	3.45
Delivered to Consumers					
Residential.....	6.60	7.12	8.36	8.90	8.63
Commercial.....	5.28	5.82	6.70	7.05	7.00
Industrial.....	2.94	4.32	4.40	4.13	4.07
Vehicle Fuel.....	3.00	3.03	2.85	2.60	2.91
Electric Utilities.....	2.34	3.13	3.15	2.89	2.98

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 49. Summary Statistics for Natural Gas — District of Columbia, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	29,860	29,693	35,144	31,164	33,635
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	3,129	4,190	-1,074	-794	-1,398
<b>Total Supply.....</b>	<b>32,988</b>	<b>33,883</b>	<b>34,070</b>	<b>30,371</b>	<b>32,237</b>

See footnotes at end of table.

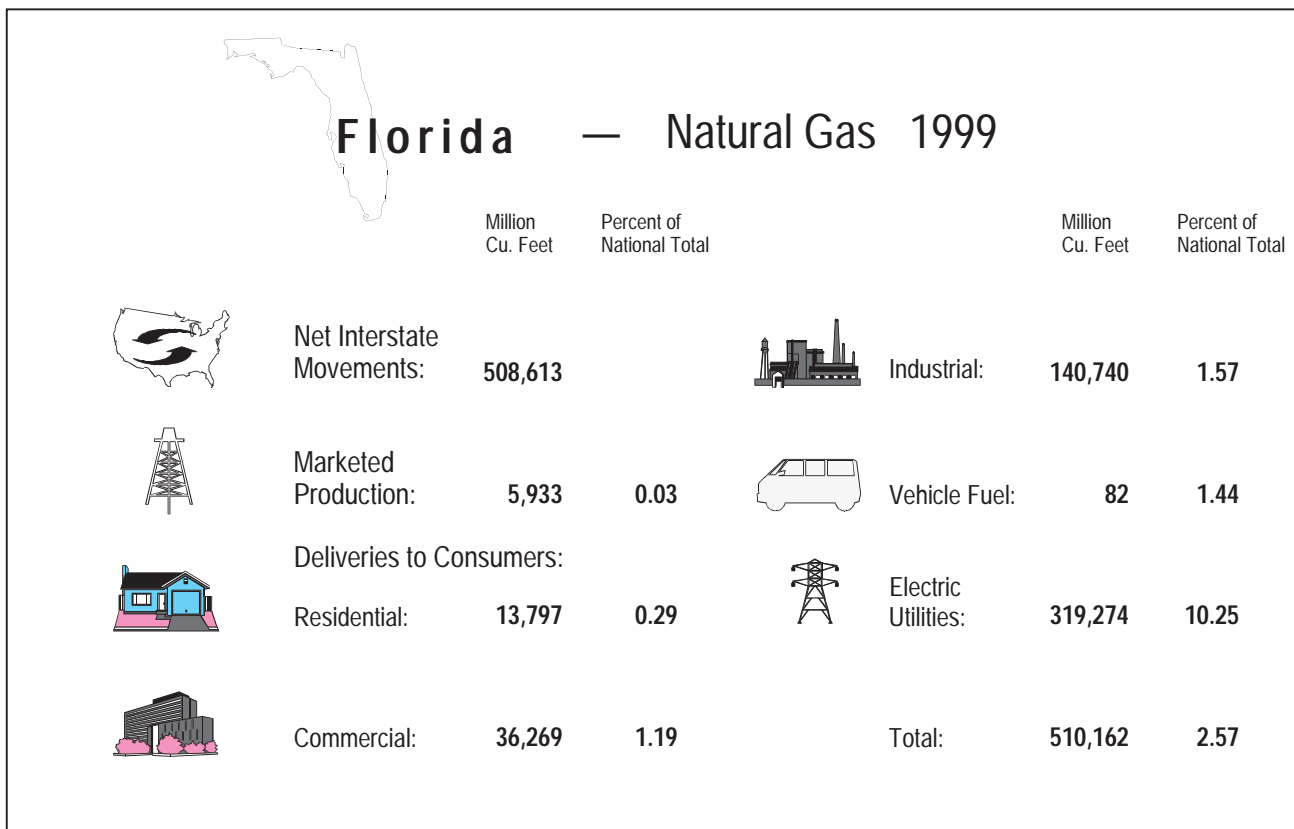
Table 49. Summary Statistics for Natural Gas — District of Columbia, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	32,988	33,883	34,070	30,371	32,237
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	0	0	0	0	0
Additions to Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>32,988</b>	<b>33,883</b>	<b>34,070</b>	<b>30,371</b>	<b>32,237</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	0	0	0	0	0
Pipeline Fuel .....	254	239	246	256	244
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	15,690	17,290	15,807	13,249	14,147
Commercial .....	17,035	16,347	18,012	16,862	17,837
Industrial .....	0	0	0	0	0
Vehicle Fuel .....	10	6	6	4	9
Electric Utilities .....	0	0	0	0	0
<b>Total Delivered to Consumers .....</b>	<b>32,735</b>	<b>33,644</b>	<b>33,824</b>	<b>30,115</b>	<b>31,993</b>
<b>Total Consumption .....</b>	<b>32,988</b>	<b>33,883</b>	<b>34,070</b>	<b>30,371</b>	<b>32,237</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	52	964
Commercial .....	3,954	4,823	8,122	8,045	9,644
Industrial .....	0	0	0	0	0
Electric Utilities .....	0	0	0	0	0
<b>Number of Consumers</b>					
Residential .....	135,299	135,215	134,807	132,867	137,206
Commercial .....	11,089	10,952	10,874	10,658	12,108
Industrial .....	0	0	0	0	0
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	1,536	1,493	1,656	1,582	1,473
Industrial .....	0	0	0	0	0
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.97	3.02	2.97	2.52	2.39
City Gate .....	—	—	—	—	—
Delivered to Consumers					
Residential .....	8.03	9.19	9.39	8.91	8.70
Commercial .....	6.04	7.37	7.38	7.36	7.38
Industrial .....	—	—	—	—	—
Vehicle Fuel .....	2.06	4.94	3.01	2.60	2.80
Electric Utilities .....	—	—	—	—	—

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 50. Summary Statistics for Natural Gas — Florida, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	7,133	6,706	6,907	6,547	6,702
<b>Total.....</b>	<b>7,133</b>	<b>6,706</b>	<b>6,907</b>	<b>6,547</b>	<b>6,702</b>
Repressuring.....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	642	700	793	751	769
Wet After Lease Separation.....	6,491	6,006	6,114	5,796	5,933
Vented and Flared.....	28	0	0	0	0
Marketed Production.....	6,463	6,006	6,114	5,796	5,933
Extraction Loss.....	1,630	1,649	1,563	1,523	1,557
<b>Total Dry Production.....</b>	<b>4,833</b>	<b>4,357</b>	<b>4,551</b>	<b>4,273</b>	<b>4,376</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	4,833	4,357	4,551	4,273	4,376
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	523,721	483,085	503,155	472,632	508,613
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	-12,921	-1,041	-21,998	-10,664	6,382
<b>Total Supply.....</b>	<b>515,633</b>	<b>486,401</b>	<b>485,707</b>	<b>466,241</b>	<b>519,370</b>

See footnotes at end of table.



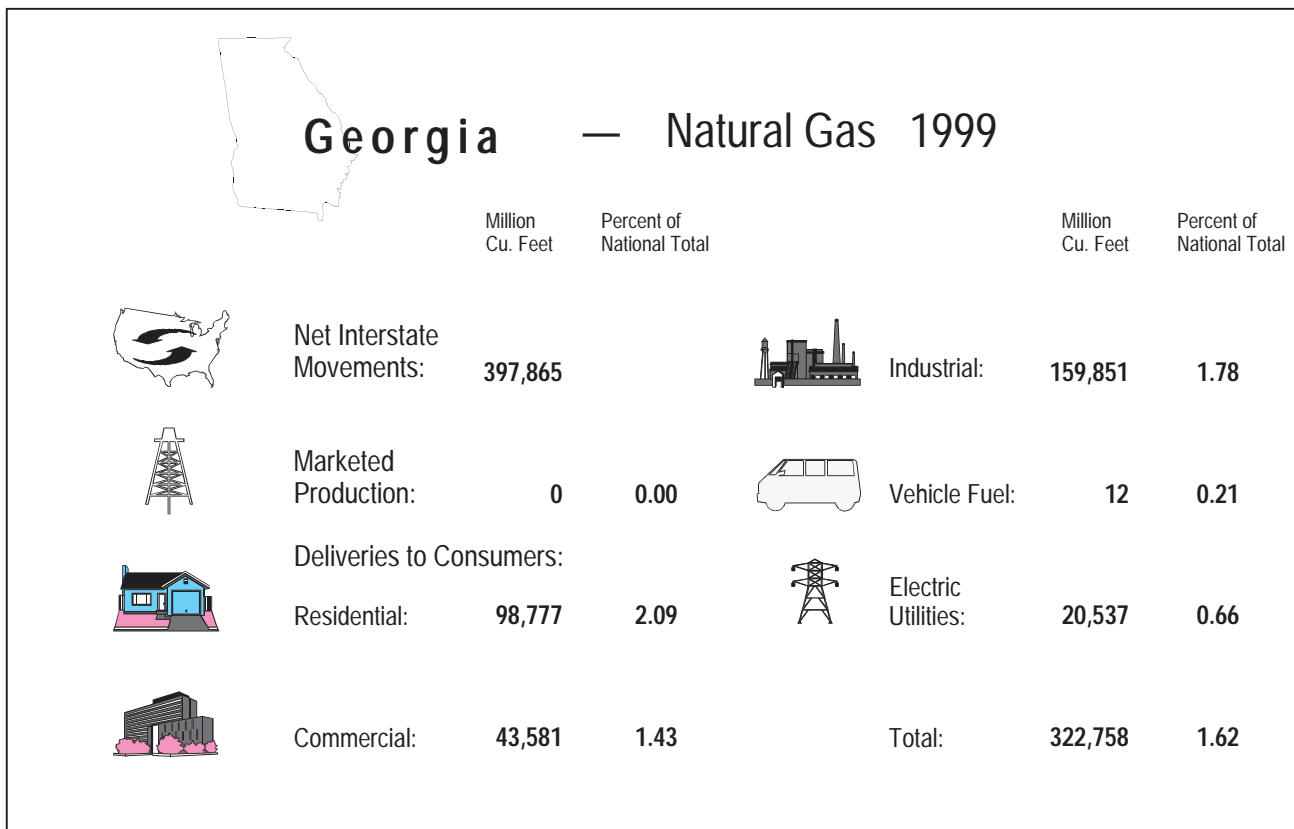
**Table 50. Summary Statistics for Natural Gas — Florida, 1995-1999 (Continued)**

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	515,598	486,367	485,679	466,241	519,370
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	34	33	28	0	0
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>515,633</b>	<b>486,401</b>	<b>485,707</b>	<b>466,241</b>	<b>519,370</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	620	2,049	2,321	2,200	2,240
Pipeline Fuel.....	7,504	5,723	5,644	3,830	6,822
Plant Fuel .....	145	125	113	129	147
Delivered to Consumers					
Residential.....	14,540	16,293	13,117	14,102	13,797
Commercial .....	40,383	41,810	36,700	37,659	36,269
Industrial.....	133,477	136,722	130,816	126,891	140,740
Vehicle Fuel.....	75	88	64	84	82
Electric Utilities.....	318,854	283,557	296,903	281,346	319,274
<b>Total Delivered to Consumers .....</b>	<b>507,329</b>	<b>478,471</b>	<b>477,601</b>	<b>460,082</b>	<b>510,162</b>
<b>Total Consumption.....</b>	<b>515,598</b>	<b>486,367</b>	<b>485,679</b>	<b>466,241</b>	<b>519,370</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	92	118	104	104	109
Commercial .....	988	1,204	932	1,281	1,998
Industrial.....	112,361	119,191	117,731	118,050	133,167
Electric Utilities .....	308,563	269,460	297,298	287,762	328,964
<b>Number of Consumers</b>					
Residential.....	512,365	521,674	532,790	542,770	556,628
Commercial .....	46,459	47,578	48,251	46,778	50,052
Industrial.....	515	517	565	579	579
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	869	879	761	805	725
Industrial.....	259,178	264,453	231,533	219,156	243,075
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.24	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.55	2.37	2.38	2.38	2.33
City Gate .....	2.74	3.73	3.97	3.42	3.49
Delivered to Consumers					
Residential.....	9.85	10.74	11.90	11.29	11.59
Commercial .....	5.33	6.45	6.85	6.41	6.51
Industrial.....	3.28	4.21	4.41	3.98	4.03
Vehicle Fuel.....	3.86	4.87	5.07	4.72	4.56
Electric Utilities.....	2.26	3.12	2.51	2.27	3.10

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 51. Summary Statistics for Natural Gas — Georgia, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,439,907	1,502,968	1,498,880	1,511,671	1,631,329
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	5,210	6,712	3,374	2,458	2,010
Supplemental Gas Supplies.....	130	94	14	16	12
Balancing Item.....	4,718	5,057	-7,723	-38,231	-67,677
<b>Total Supply.....</b>	<b>1,449,965</b>	<b>1,514,831</b>	<b>1,494,545</b>	<b>1,475,914</b>	<b>1,565,674</b>

See footnotes at end of table.

Table 51. Summary Statistics for Natural Gas — Georgia, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	370,385	383,346	361,673	357,307	331,604
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	1,075,834	1,124,962	1,129,650	1,116,847	1,233,464
Additions to Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage .....	3,746	6,523	3,221	1,760	607
<b>Total Disposition .....</b>	<b>1,449,965</b>	<b>1,514,831</b>	<b>1,494,545</b>	<b>1,475,914</b>	<b>1,565,674</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	0	0	0	0	0
Pipeline Fuel .....	7,651	8,463	7,973	7,606	8,846
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	114,670	127,062	114,383	107,398	98,777
Commercial .....	56,536	61,377	57,220	55,419	43,581
Industrial .....	183,692	181,768	174,747	164,501	159,851
Vehicle Fuel .....	2	1	7	12	12
Electric Utilities .....	7,834	4,674	7,342	22,371	20,537
<b>Total Delivered to Consumers .....</b>	<b>362,734</b>	<b>374,882</b>	<b>353,700</b>	<b>349,701</b>	<b>322,758</b>
<b>Total Consumption .....</b>	<b>370,385</b>	<b>383,346</b>	<b>361,673</b>	<b>357,307</b>	<b>331,604</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	74	39,351
Commercial .....	3,663	3,646	6,211	9,078	16,996
Industrial .....	118,125	123,193	128,111	122,918	123,097
Electric Utilities .....	0	0	0	4,489	23,599
<b>Number of Consumers</b>					
Residential .....	1,495,992	1,538,458	1,553,948	1,659,730	1,732,865
Commercial .....	120,122	123,200	123,367	126,050	225,020
Industrial .....	3,261	3,310	3,311	3,263	5,582
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	471	498	464	440	194
Industrial .....	56,330	54,915	52,778	50,414	28,637
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.93	2.62	3.09	2.48	2.18
City Gate .....	2.96	3.77	3.98	3.51	2.95
Delivered to Consumers					
Residential .....	6.18	6.69	7.41	6.78	4.37
Commercial .....	5.20	5.89	6.43	6.00	3.87
Industrial .....	3.55	4.40	4.56	3.92	3.41
Vehicle Fuel .....	3.86	3.86	4.14	4.10	3.98
Electric Utilities .....	2.79	2.88	2.72	3.21	2.57

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

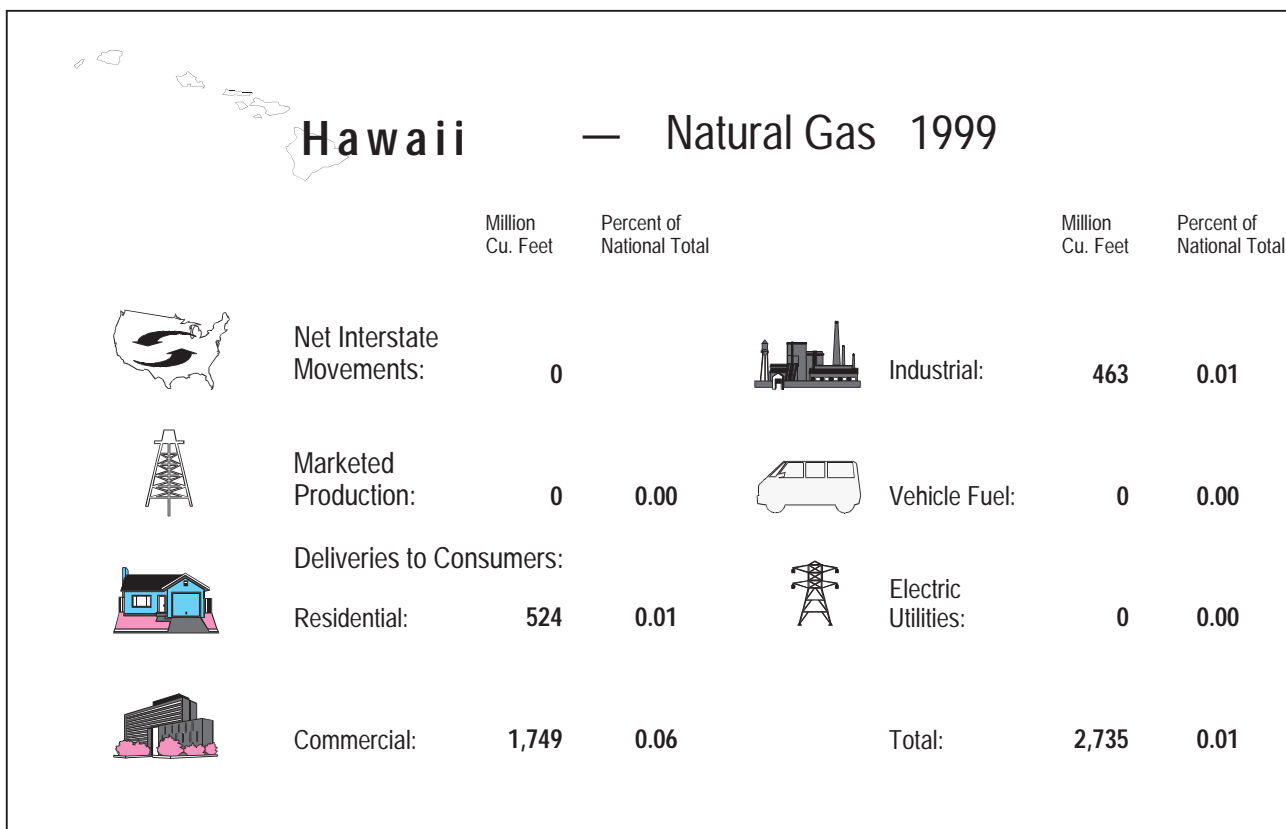


Table 52. Summary Statistics for Natural Gas — Hawaii, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	0	0	0	0	0
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	2,793	2,761	2,617	2,715	2,752
Balancing Item.....	-21	-88	-6	-61	-17
<b>Total Supply.....</b>	<b>2,773</b>	<b>2,672</b>	<b>2,611</b>	<b>2,654</b>	<b>2,735</b>

See footnotes at end of table.

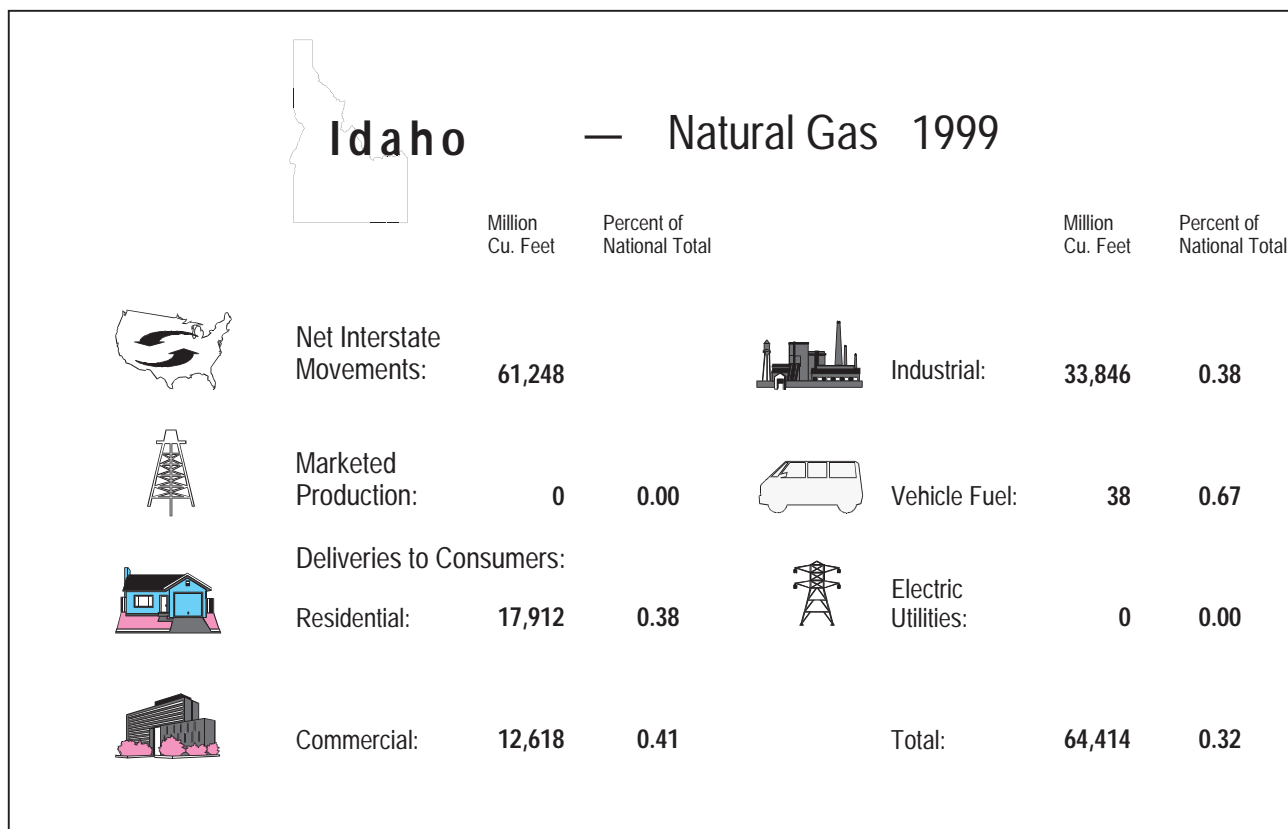
Table 52. Summary Statistics for Natural Gas — Hawaii, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	2,773	2,672	2,611	2,654	2,735
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	0	0	0	0	0
Additions to Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>2,773</b>	<b>2,672</b>	<b>2,611</b>	<b>2,654</b>	<b>2,735</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	0	0	0	0	0
Pipeline Fuel .....	0	0	0	0	0
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	574	540	517	535	524
Commercial .....	2,199	2,132	1,751	1,747	1,749
Industrial .....	0	0	342	373	463
Vehicle Fuel .....	0	0	0	0	0
Electric Utilities .....	0	0	0	0	0
<b>Total Delivered to Consumers .....</b>	<b>2,773</b>	<b>2,672</b>	<b>2,611</b>	<b>2,654</b>	<b>2,735</b>
<b>Total Consumption .....</b>	<b>2,773</b>	<b>2,672</b>	<b>2,611</b>	<b>2,654</b>	<b>2,735</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	0	0
Commercial .....	0	0	0	0	0
Industrial .....	0	0	0	0	0
Electric Utilities .....	0	0	0	0	0
<b>Number of Consumers</b>					
Residential .....	30,492	31,017	30,990	30,918	30,708
Commercial .....	2,825	2,823	2,783	2,761	2,763
Industrial .....	0	0	27	26	29
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	778	755	629	633	633
Industrial .....	0	0	12,657	14,329	15,952
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	—	—	—	—	—
City Gate .....	5.20	6.05	6.42	5.33	5.62
Delivered to Consumers					
Residential .....	17.55	19.81	21.74	19.25	18.97
Commercial .....	13.00	14.40	15.77	14.15	14.33
Industrial .....	—	—	10.79	8.64	8.21
Vehicle Fuel .....	—	—	—	—	—
Electric Utilities .....	—	—	—	—	—

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. *Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 53. Summary Statistics for Natural Gas — Idaho, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	823,478	842,114	856,503	879,840	800,345
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	139,483	126,244	145,009	103,464	105,368
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	434	661	836	1,236	228
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	-12,055	-1,765	16,288	18,849	8,169
<b>Total Supply.....</b>	<b>951,340</b>	<b>967,254</b>	<b>1,018,636</b>	<b>1,003,389</b>	<b>914,110</b>

See footnotes at end of table.

Table 53. Summary Statistics for Natural Gas — Idaho, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	63,777	67,006	66,892	67,514	68,926
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	887,158	899,611	950,876	935,098	844,465
Additions to Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage .....	405	636	868	776	720
<b>Total Disposition .....</b>	<b>951,340</b>	<b>967,254</b>	<b>1,018,636</b>	<b>1,003,389</b>	<b>914,110</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	0	0	0	0	0
Pipeline Fuel .....	6,370	5,948	5,186	5,496	4,512
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	13,003	14,941	15,239	16,002	17,912
Commercial .....	10,360	11,506	11,433	11,676	12,618
Industrial .....	34,024	34,577	34,999	34,303	33,846
Vehicle Fuel .....	19	34	36	36	38
Electric Utilities .....	0	0	0	0	0
<b>Total Delivered to Consumers .....</b>	<b>57,407</b>	<b>61,058</b>	<b>61,707</b>	<b>62,018</b>	<b>64,414</b>
<b>Total Consumption .....</b>	<b>63,777</b>	<b>67,006</b>	<b>66,892</b>	<b>67,514</b>	<b>68,926</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	0	0
Commercial .....	1,450	1,543	1,593	1,594	1,773
Industrial .....	33,291	34,080	34,311	33,429	32,936
Electric Utilities .....	0	0	0	0	0
<b>Number of Consumers</b>					
Residential .....	175,320	187,756	200,165	213,786	227,807
Commercial .....	24,150	25,271	26,436	27,697	28,923
Industrial .....	167	183	189	203	200
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	429	455	432	422	436
Industrial .....	203,738	188,946	185,181	168,981	169,231
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	—	—	—	—	—
Imports .....	0.94	1.22	1.60	1.60	2.04
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.78	1.79	1.83	1.67	2.04
City Gate .....	2.18	2.24	2.12	1.95	2.23
Delivered to Consumers					
Residential .....	5.59	5.20	5.12	5.33	5.42
Commercial .....	4.87	4.56	4.49	4.62	4.77
Industrial .....	3.67	2.78	2.76	3.09	3.29
Vehicle Fuel .....	3.36	3.14	4.19	3.39	3.58
Electric Utilities .....	—	—	—	—	—

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

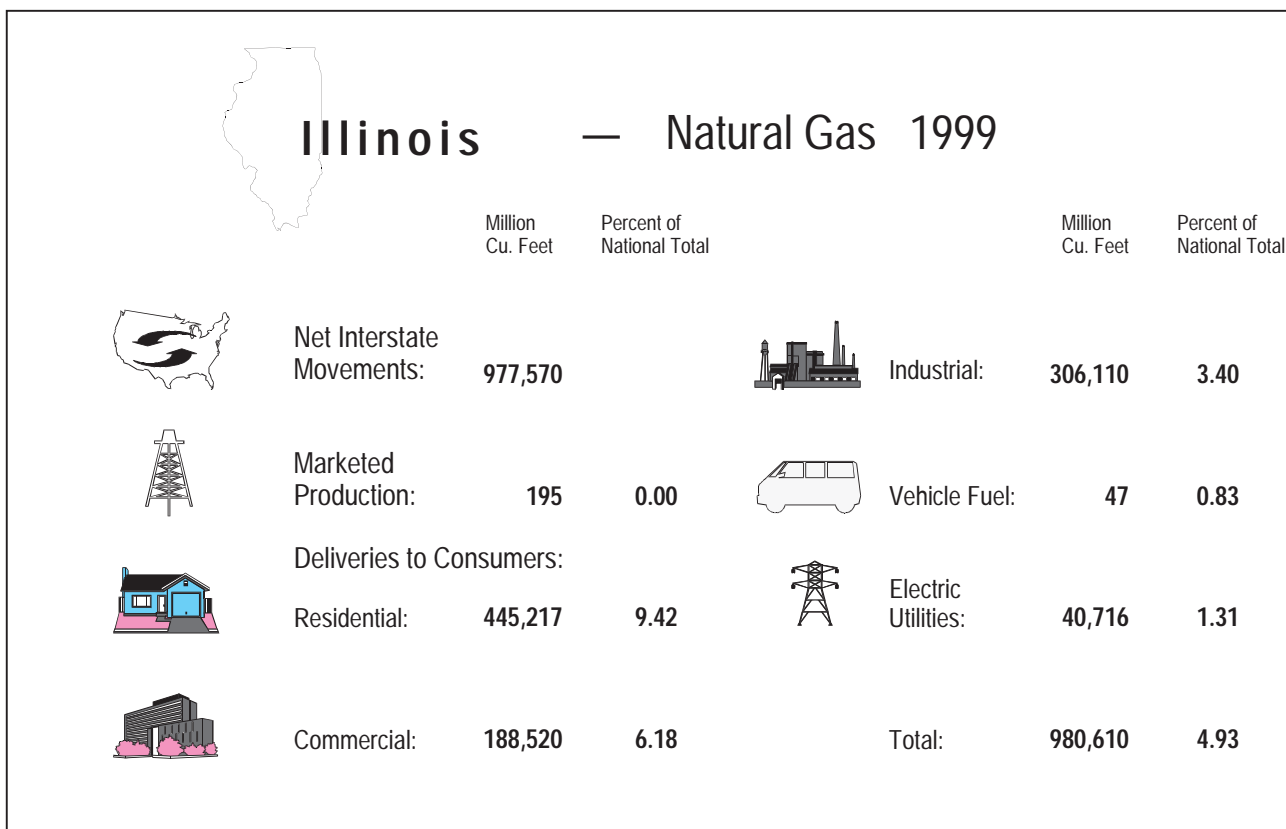


Table 54. Summary Statistics for Natural Gas — Illinois, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	372	370	372	185	300
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	325	289	224	203	189
From Oil Wells.....	10	9	7	6	6
<b>Total.....</b>	<b>335</b>	<b>298</b>	<b>231</b>	<b>209</b>	<b>195</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	335	298	231	209	195
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	335	298	231	209	195
Extraction Loss.....	77	64	200	70	55
<b>Total Dry Production.....</b>	<b>258</b>	<b>234</b>	<b>31</b>	<b>139</b>	<b>140</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	258	234	31	139	140
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	2,446,381	2,607,330	2,495,356	2,161,831	2,302,647
Withdrawals from Storage					
Underground Storage.....	286,390	226,020	217,632	215,309	235,609
LNG Storage .....	382	1,259	483	410	409
Supplemental Gas Supplies.....	6,256	3,912	4,165	2,736	2,527
Balancing Item.....	-8,866	21,534	62,534	23,707	57,445
<b>Total Supply.....</b>	<b>2,730,801</b>	<b>2,860,289</b>	<b>2,780,202</b>	<b>2,404,132</b>	<b>2,598,777</b>

See footnotes at end of table.



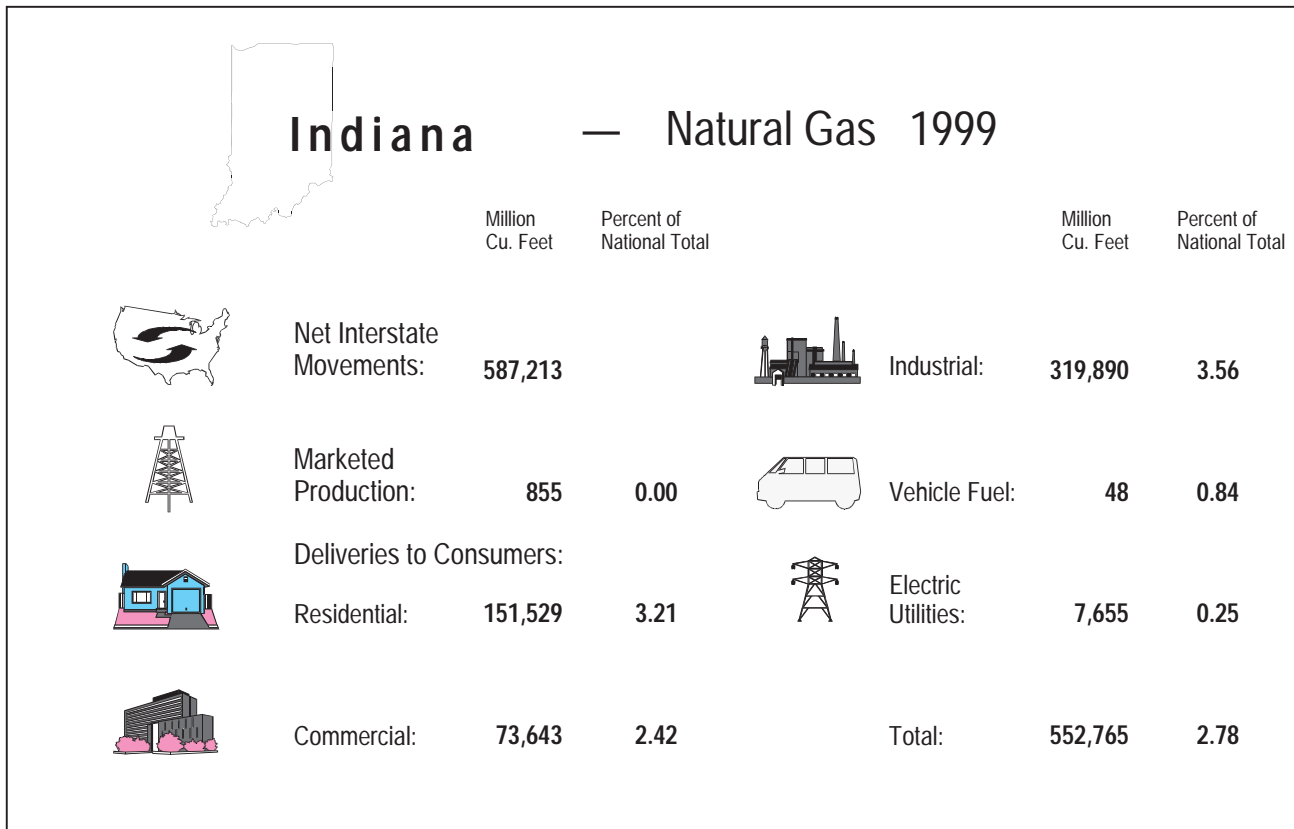
Table 54. Summary Statistics for Natural Gas — Illinois, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	1,078,543	1,119,443	1,077,066	957,647	1,034,725
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	1,388,479	1,498,747	1,475,069	1,221,336	1,325,077
Additions to Storage					
Underground Storage .....	263,409	241,129	227,785	225,089	238,325
LNG Storage .....	370	971	283	60	650
<b>Total Disposition .....</b>	<b>2,730,801</b>	<b>2,860,289</b>	<b>2,780,202</b>	<b>2,404,132</b>	<b>2,598,777</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	7	7	6	5	4
Pipeline Fuel .....	13,208	14,388	14,517	12,995	54,028
Plant Fuel .....	90	75	80	84	83
Delivered to Consumers					
Residential .....	500,796	538,749	497,230	409,812	445,217
Commercial .....	203,802	218,054	202,850	174,687	188,520
Industrial .....	321,465	322,275	317,755	303,668	306,110
Vehicle Fuel .....	31	32	21	60	47
Electric Utilities .....	39,143	25,863	44,607	56,337	40,716
<b>Total Delivered to Consumers .....</b>	<b>1,065,238</b>	<b>1,104,972</b>	<b>1,062,463</b>	<b>944,563</b>	<b>980,610</b>
<b>Total Consumption .....</b>	<b>1,078,543</b>	<b>1,119,443</b>	<b>1,077,066</b>	<b>957,647</b>	<b>1,034,725</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	34,652	34,758	34,653	32,068	36,689
Commercial .....	101,211	100,495	92,730	91,872	107,830
Industrial .....	286,103	278,262	281,159	275,415	278,247
Electric Utilities .....	35,703	24,894	44,010	53,692	41,528
<b>Number of Consumers</b>					
Residential .....	3,452,975	3,494,545	3,521,707	3,556,736	3,594,071
Commercial .....	264,756	265,007	268,841	271,585	274,919
Industrial .....	25,929	29,493	28,473	28,064	27,606
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	770	823	755	643	686
Industrial .....	12,398	10,927	11,160	10,821	11,089
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.66	2.63	2.68	2.27	2.33
City Gate .....	2.59	3.27	3.28	2.77	3.00
Delivered to Consumers					
Residential .....	4.66	5.28	5.95	5.47	5.50
Commercial .....	4.42	4.92	5.43	5.07	5.20
Industrial .....	3.57	4.12	3.97	3.96	4.06
Vehicle Fuel .....	2.89	3.44	3.01	2.76	2.94
Electric Utilities .....	1.71	2.62	2.55	2.25	2.41

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 55. Summary Statistics for Natural Gas — Indiana, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	1,347	1,367	1,458	1,479	1,498
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	249	360	526	615	855
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>249</b>	<b>360</b>	<b>526</b>	<b>615</b>	<b>855</b>
Repressuring .....	NA	NA	NA	NA	NA
Nonhydrocarbon Gases Removed.....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	249	360	526	615	855
Vented and Flared.....	NA	NA	NA	NA	NA
Marketed Production .....	249	360	526	615	855
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>249</b>	<b>360</b>	<b>526</b>	<b>615</b>	<b>855</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	249	360	526	615	855
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	2,041,013	2,305,253	2,255,729	1,869,111	1,957,592
Withdrawals from Storage					
Underground Storage.....	25,046	25,462	24,388	21,113	21,289
LNG Storage .....	1,554	4,571	1,867	1,102	1,330
Supplemental Gas Supplies.....	3,199	3,194	3,580	3,149	5,442
Balancing Item.....	-34,543	-53,249	-74,492	-22,397	-25,538
<b>Total Supply.....</b>	<b>2,036,518</b>	<b>2,285,590</b>	<b>2,211,599</b>	<b>1,872,693</b>	<b>1,960,970</b>

See footnotes at end of table.

Table 55. Summary Statistics for Natural Gas — Indiana, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	535,311	573,480	557,122	520,715	567,058
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	1,475,557	1,680,509	1,628,553	1,328,356	1,370,379
Additions to Storage					
Underground Storage.....	24,335	27,263	23,403	22,034	21,533
LNG Storage .....	1,316	4,337	2,520	1,589	2,000
<b>Total Disposition .....</b>	<b>2,036,518</b>	<b>2,285,590</b>	<b>2,211,599</b>	<b>1,872,693</b>	<b>1,960,970</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	5	8	12	13	18
Pipeline Fuel.....	7,586	12,416	10,773	7,327	14,274
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential.....	161,059	179,939	169,140	140,122	151,529
Commercial.....	82,726	87,456	81,753	73,117	73,643
Industrial.....	275,487	289,219	290,723	290,973	319,890
Vehicle Fuel.....	98	112	60	67	48
Electric Utilities.....	8,349	4,330	4,661	9,096	7,655
<b>Total Delivered to Consumers .....</b>	<b>527,719</b>	<b>561,056</b>	<b>546,337</b>	<b>513,375</b>	<b>552,765</b>
<b>Total Consumption.....</b>	<b>535,311</b>	<b>573,480</b>	<b>557,122</b>	<b>520,715</b>	<b>567,058</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	179	968
Commercial.....	10,149	3,255	8,290	15,216	15,967
Industrial.....	236,435	241,236	244,246	264,161	301,799
Electric Utilities .....	11,986	6,373	7,438	5,581	10,907
<b>Number of Consumers</b>					
Residential.....	1,463,640	1,489,647	1,509,142	1,531,914	1,570,253
Commercial.....	137,162	139,097	140,515	141,307	145,631
Industrial.....	6,250	6,586	6,921	6,636	19,070
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	603	629	582	517	506
Industrial.....	44,078	43,914	42,006	43,848	16,775
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.90	2.30	2.18	2.09	2.19
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.05	2.47	2.58	2.27	2.25
City Gate .....	2.84	3.09	3.03	2.45	2.46
Delivered to Consumers					
Residential.....	5.37	5.54	6.37	6.56	6.03
Commercial.....	4.38	4.67	5.44	5.50	5.17
Industrial.....	3.41	3.62	4.33	4.28	4.16
Vehicle Fuel.....	7.13	7.20	5.53	5.33	6.53
Electric Utilities.....	2.49	3.48	3.23	2.88	2.97

NA = Not available.

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

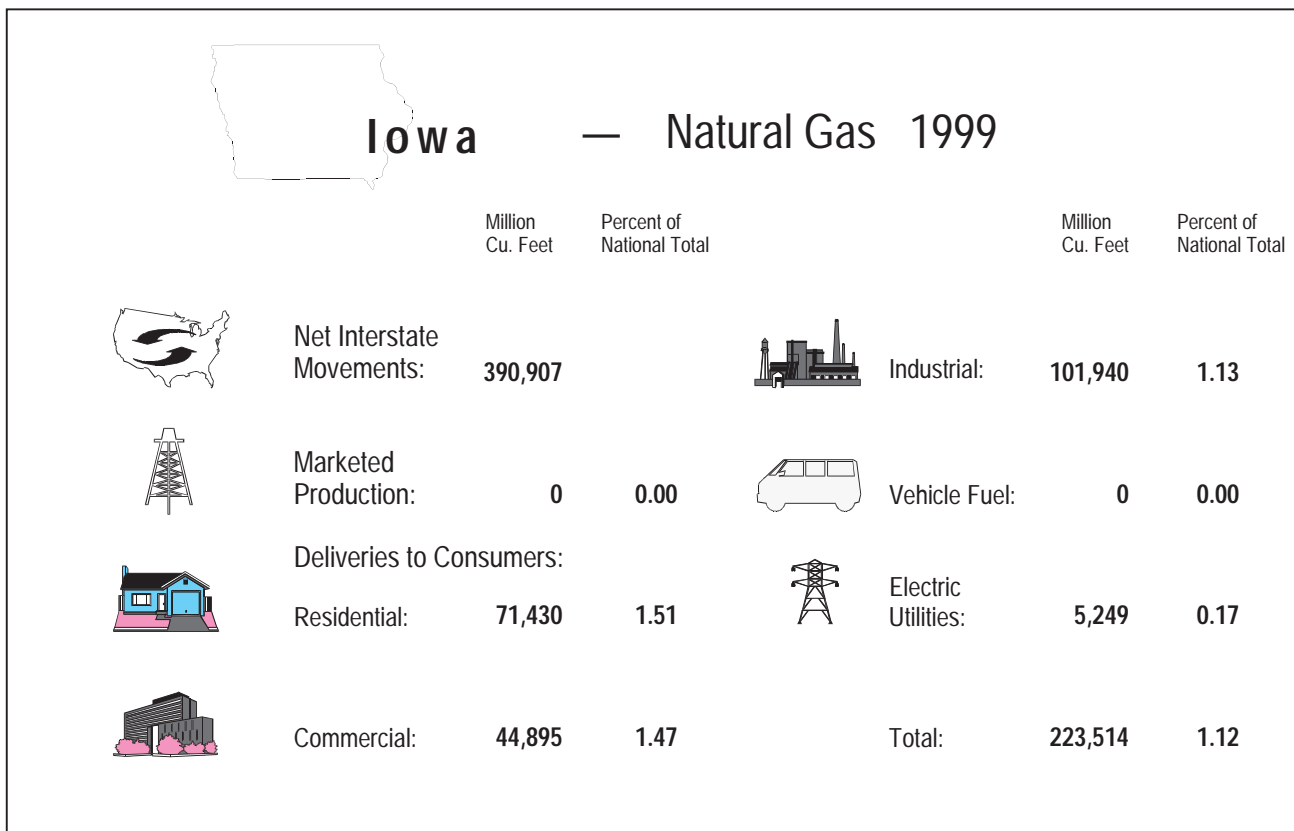


Table 56. Summary Statistics for Natural Gas — Iowa, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,444,142	1,497,972	1,436,026	1,292,698	1,542,212
Withdrawals from Storage					
Underground Storage.....	77,228	59,831	54,877	67,047	75,843
LNG Storage .....	2,996	3,284	1,893	989	1,624
Supplemental Gas Supplies.....	96	301	137	17	12
Balancing Item.....	-471	-16,204	-30,437	-32,185	-162,029
<b>Total Supply.....</b>	<b>1,523,991</b>	<b>1,545,184</b>	<b>1,462,496</b>	<b>1,328,566</b>	<b>1,457,662</b>

See footnotes at end of table.

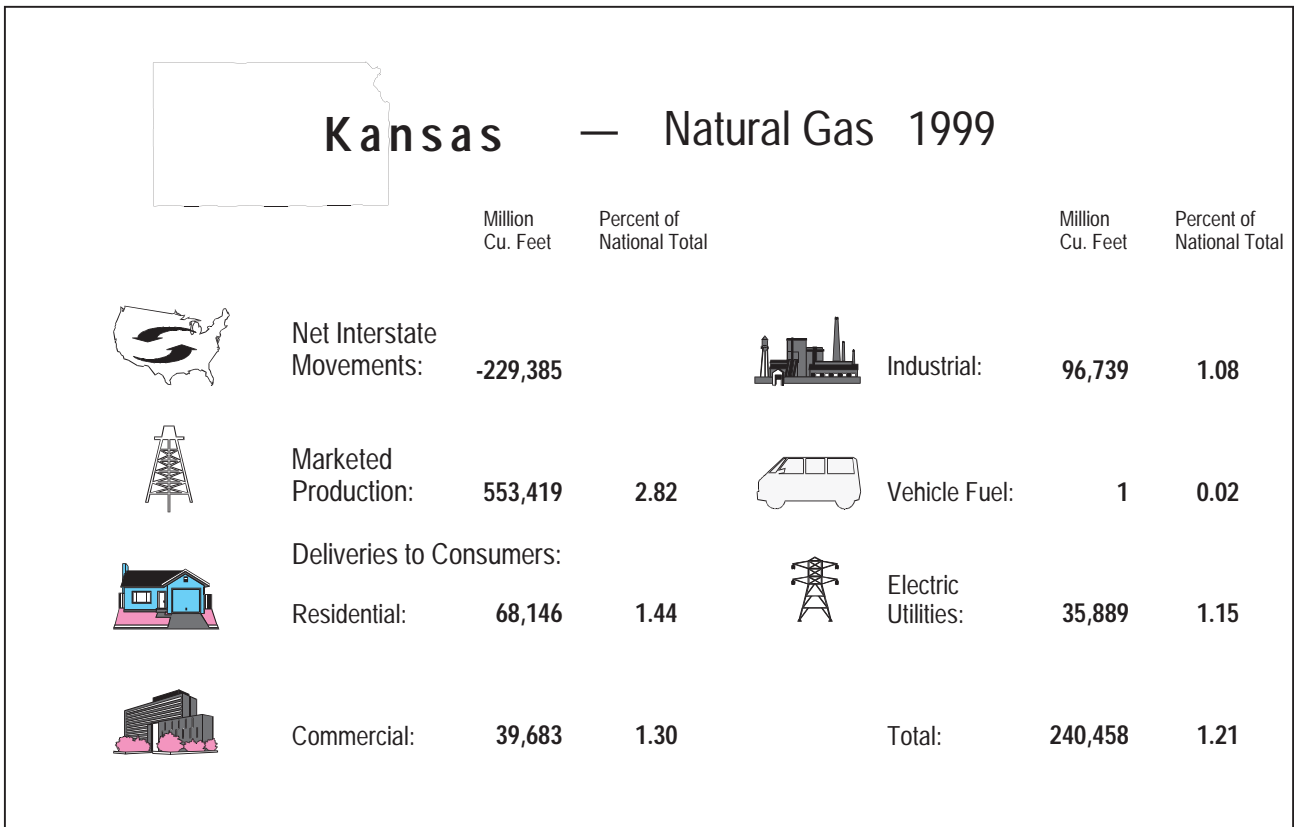
Table 56. Summary Statistics for Natural Gas — Iowa, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	262,313	272,789	254,785	232,596	231,262
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	1,188,548	1,206,074	1,144,445	1,024,700	1,151,305
Additions to Storage					
Underground Storage .....	70,785	61,060	61,132	70,001	73,398
LNG Storage .....	2,346	5,262	2,134	1,269	1,697
<b>Total Disposition .....</b>	<b>1,523,991</b>	<b>1,545,184</b>	<b>1,462,496</b>	<b>1,328,566</b>	<b>1,457,662</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	0	0	0	0	0
Pipeline Fuel .....	11,051	12,649	11,309	8,770	7,748
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	82,238	88,078	81,696	68,901	71,430
Commercial .....	50,325	54,571	50,191	43,027	44,895
Industrial .....	115,080	113,995	107,463	105,950	101,940
Vehicle Fuel .....	5	4	2	1	0
Electric Utilities .....	3,614	3,491	4,124	5,947	5,249
<b>Total Delivered to Consumers .....</b>	<b>251,262</b>	<b>260,140</b>	<b>243,476</b>	<b>223,826</b>	<b>223,514</b>
<b>Total Consumption .....</b>	<b>262,313</b>	<b>272,789</b>	<b>254,785</b>	<b>232,596</b>	<b>231,262</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	13	61	0	0	0
Commercial .....	5,394	6,728	5,934	6,129	7,460
Industrial .....	104,993	103,757	98,195	98,665	94,432
Electric Utilities .....	2,157	2,261	5,966	7,398	7,062
<b>Number of Consumers</b>					
Residential .....	760,848	771,109	780,746	790,162	799,015
Commercial .....	88,585	89,663	90,643	91,300	92,306
Industrial .....	1,957	2,066	1,843	1,878	1,810
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	568	609	554	471	486
Industrial .....	58,804	55,177	58,309	56,416	56,320
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.40	2.37	2.46	2.06	2.16
City Gate .....	2.82	3.47	4.06	3.34	3.30
Delivered to Consumers					
Residential .....	5.09	5.49	6.17	5.96	6.10
Commercial .....	4.14	4.59	5.18	4.67	4.79
Industrial .....	3.23	3.63	4.11	3.49	3.98
Vehicle Fuel .....	2.98	2.70	5.41	4.82	2.57
Electric Utilities .....	2.72	3.23	3.41	3.07	3.15

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 57. Summary Statistics for Natural Gas — Kansas, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	22,020	21,388	21,500	21,000	17,568
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	636,582	629,755	618,016	532,594	488,328
From Oil Wells.....	86,807	85,876	71,037	72,626	66,590
<b>Total.....</b>	<b>723,389</b>	<b>715,631</b>	<b>689,053</b>	<b>605,220</b>	<b>554,918</b>
Repressuring .....	1,230	2,120	1,157	1,029	943
Nonhydrocarbon Gases Removed.....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	722,159	713,511	687,896	604,191	553,974
Vented and Flared.....	723	716	680	605	555
Marketed Production .....	721,436	712,796	687,215	603,586	553,419
Extraction Loss.....	47,442	47,996	38,224	45,801	48,107
<b>Total Dry Production.....</b>	<b>673,994</b>	<b>664,800</b>	<b>648,991</b>	<b>557,785</b>	<b>505,312</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	673,994	664,800	648,991	557,785	505,312
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,140,230	1,219,027	1,201,629	1,070,930	1,062,570
Withdrawals from Storage					
Underground Storage.....	110,567	116,989	103,475	98,402	118,964
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	8,173	-3,039	-50,157	R-131,135	11,647
<b>Total Supply .....</b>	<b>1,932,964</b>	<b>1,997,776</b>	<b>1,903,939</b>	<b>R1,595,981</b>	<b>1,698,494</b>

See footnotes at end of table.

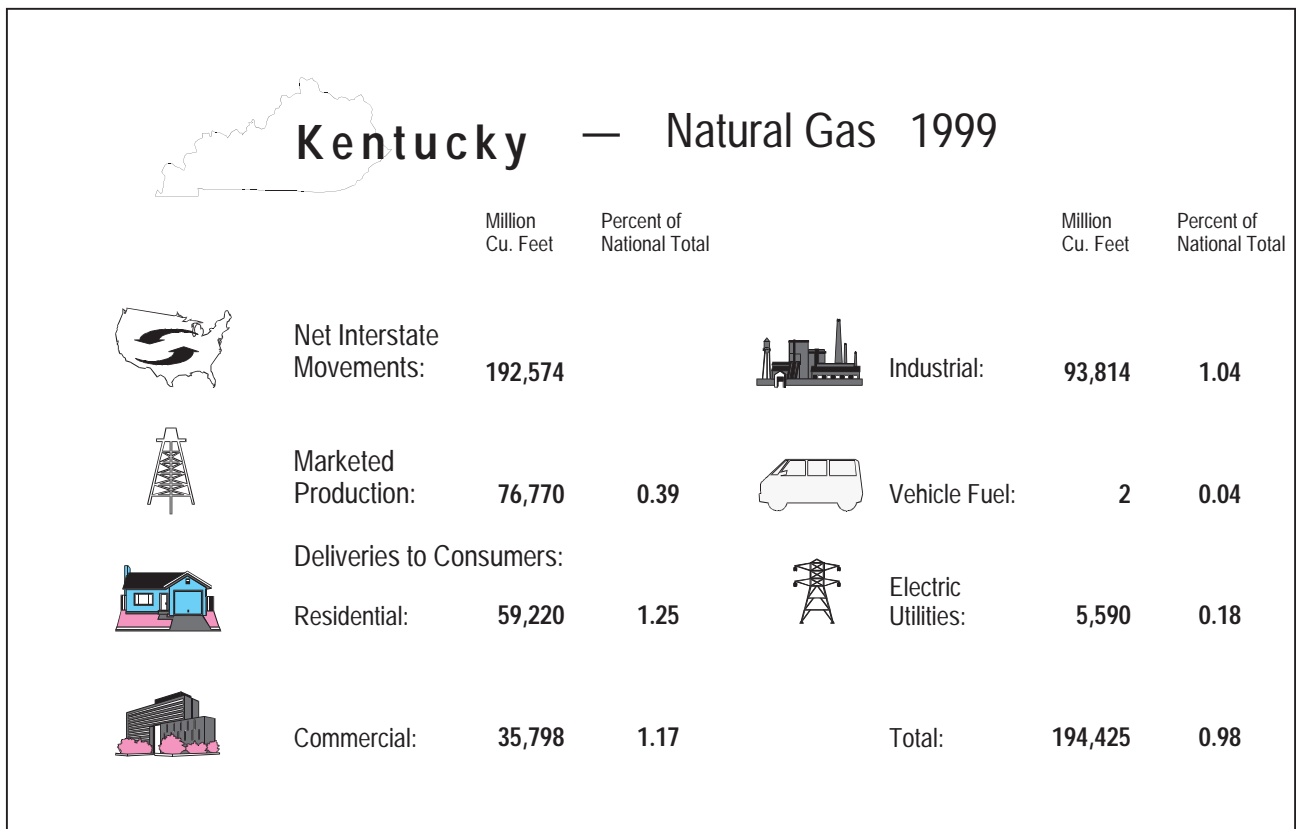
**Table 57. Summary Statistics for Natural Gas — Kansas, 1995-1999 (Continued)**

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	368,342	362,965	339,197	<sup>R</sup> 326,935	303,142
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	1,458,930	1,529,940	1,449,894	1,151,812	1,291,955
Additions to Storage					
Underground Storage.....	105,693	104,871	114,848	117,235	103,396
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>1,932,964</b>	<b>1,997,776</b>	<b>1,903,939</b>	<b><sup>R</sup>1,595,981</b>	<b>1,698,494</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	18,772	18,752	20,641	<sup>R</sup> 13,068	11,611
Pipeline Fuel.....	34,631	38,262	39,109	32,902	31,753
Plant Fuel .....	28,510	30,444	26,205	20,921	19,321
Delivered to Consumers					
Residential.....	75,846	85,376	69,415	70,217	68,146
Commercial .....	53,122	57,229	41,482	41,788	39,683
Industrial.....	129,515	110,294	116,522	111,143	96,739
Vehicle Fuel.....	2	2	1	0	1
Electric Utilities .....	27,945	22,607	25,822	36,896	35,889
<b>Total Delivered to Consumers .....</b>	<b>286,430</b>	<b>275,508</b>	<b>253,242</b>	<b>260,044</b>	<b>240,458</b>
<b>Total Consumption.....</b>	<b>368,342</b>	<b>362,965</b>	<b>339,197</b>	<b><sup>R</sup>326,935</b>	<b>303,142</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	14,029	16,200	12,331	12,757	12,985
Industrial.....	112,942	101,877	105,838	100,205	87,645
Electric Utilities .....	16,872	12,545	16,887	27,329	24,753
<b>Number of Consumers</b>					
Residential.....	797,524	804,213	811,975	841,843	824,803
Commercial .....	88,163	89,168	85,018	89,654	86,037
Industrial.....	3,079	2,988	7,015	10,707	5,829
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	603	642	488	466	461
Industrial.....	42,064	36,912	16,610	10,380	16,596
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.36	1.92	2.05	1.70	1.80
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.15	1.83	1.81	1.39	1.65
City Gate .....	2.36	3.05	3.47	2.96	2.96
Delivered to Consumers					
Residential.....	4.91	5.59	6.42	6.00	5.98
Commercial .....	3.93	4.61	5.38	4.98	4.98
Industrial.....	2.23	3.09	3.32	3.17	2.95
Vehicle Fuel.....	2.76	3.06	3.70	5.59	6.08
Electric Utilities .....	1.58	2.25	2.53	2.14	2.36

<sup>R</sup> = Revised data.  
 NA = Not available.  
 — = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 58. Summary Statistics for Natural Gas — Kentucky, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	13,311	13,501	13,825	R14,381	14,750
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	74,754	81,435	79,547	R81,869	76,770
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>74,754</b>	<b>81,435</b>	<b>79,547</b>	<b>R81,869</b>	<b>76,770</b>
Repressuring .....	*	0	0	0	0
Nonhydrocarbon Gases Removed.....	*	0	0	0	0
Wet After Lease Separation.....	74,754	81,435	79,547	R81,869	76,770
Vented and Flared.....	*	0	0	0	0
Marketed Production .....	74,754	81,435	79,547	R81,869	76,770
Extraction Loss.....	2,303	2,385	2,404	2,263	2,287
<b>Total Dry Production.....</b>	<b>72,451</b>	<b>79,050</b>	<b>77,143</b>	<b>R79,606</b>	<b>74,483</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	72,451	79,050	77,143	R79,606	74,483
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	3,689,277	3,956,093	3,576,553	3,062,969	3,072,091
Withdrawals from Storage					
Underground Storage.....	65,739	61,968	60,086	53,567	57,859
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	6	45	24	2	3
Balancing Item.....	-37,282	87,501	4,299	R-49,635	-56,471
<b>Total Supply.....</b>	<b>3,790,191</b>	<b>4,184,657</b>	<b>3,718,105</b>	<b>3,146,508</b>	<b>3,147,965</b>

See footnotes at end of table.



Table 58. Summary Statistics for Natural Gas — Kentucky, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	224,046	236,445	227,894	205,065	213,313
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	3,507,584	3,878,714	3,433,137	2,876,176	2,879,517
Additions to Storage					
Underground Storage .....	58,561	69,498	57,073	65,267	55,134
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>3,790,191</b>	<b>4,184,657</b>	<b>3,718,105</b>	<b>3,146,508</b>	<b>3,147,965</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	1,945	1,744	1,816	1,777	1,615
Pipeline Fuel .....	25,007	26,490	22,854	15,750	16,632
Plant Fuel .....	702	682	641	548	641
Delivered to Consumers					
Residential .....	66,149	70,232	66,033	55,545	59,220
Commercial .....	38,610	40,972	38,627	32,464	35,798
Industrial .....	90,764	94,481	95,724	93,217	93,814
Vehicle Fuel .....	2	8	5	4	2
Electric Utilities .....	866	1,836	2,194	5,760	5,590
<b>Total Delivered to Consumers .....</b>	<b>196,392</b>	<b>207,529</b>	<b>202,583</b>	<b>186,990</b>	<b>194,425</b>
<b>Total Consumption .....</b>	<b>224,046</b>	<b>236,445</b>	<b>227,894</b>	<b>205,065</b>	<b>213,313</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	0	0
Commercial .....	4,169	3,773	3,860	4,076	4,315
Industrial .....	65,659	68,850	77,303	76,644	76,547
Electric Utilities .....	0	0	0	0	0
<b>Number of Consumers</b>					
Residential .....	685,481	696,989	713,509	726,960	735,371
Commercial .....	74,521	76,079	77,693	80,147	80,283
Industrial .....	1,630	1,633	1,698	1,864	1,813
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	518	539	497	405	446
Industrial .....	55,683	57,857	56,375	50,009	51,745
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.64	2.55	2.66	2.39	2.07
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.83	2.63	2.51	2.45	2.11
City Gate .....	2.80	3.41	3.83	3.23	3.27
Delivered to Consumers					
Residential .....	5.05	5.54	6.37	6.03	5.72
Commercial .....	4.60	5.09	5.79	5.43	5.14
Industrial .....	3.26	3.87	4.19	4.00	3.32
Vehicle Fuel .....	5.10	5.54	6.68	6.75	6.68
Electric Utilities .....	3.01	3.49	3.45	3.40	3.49

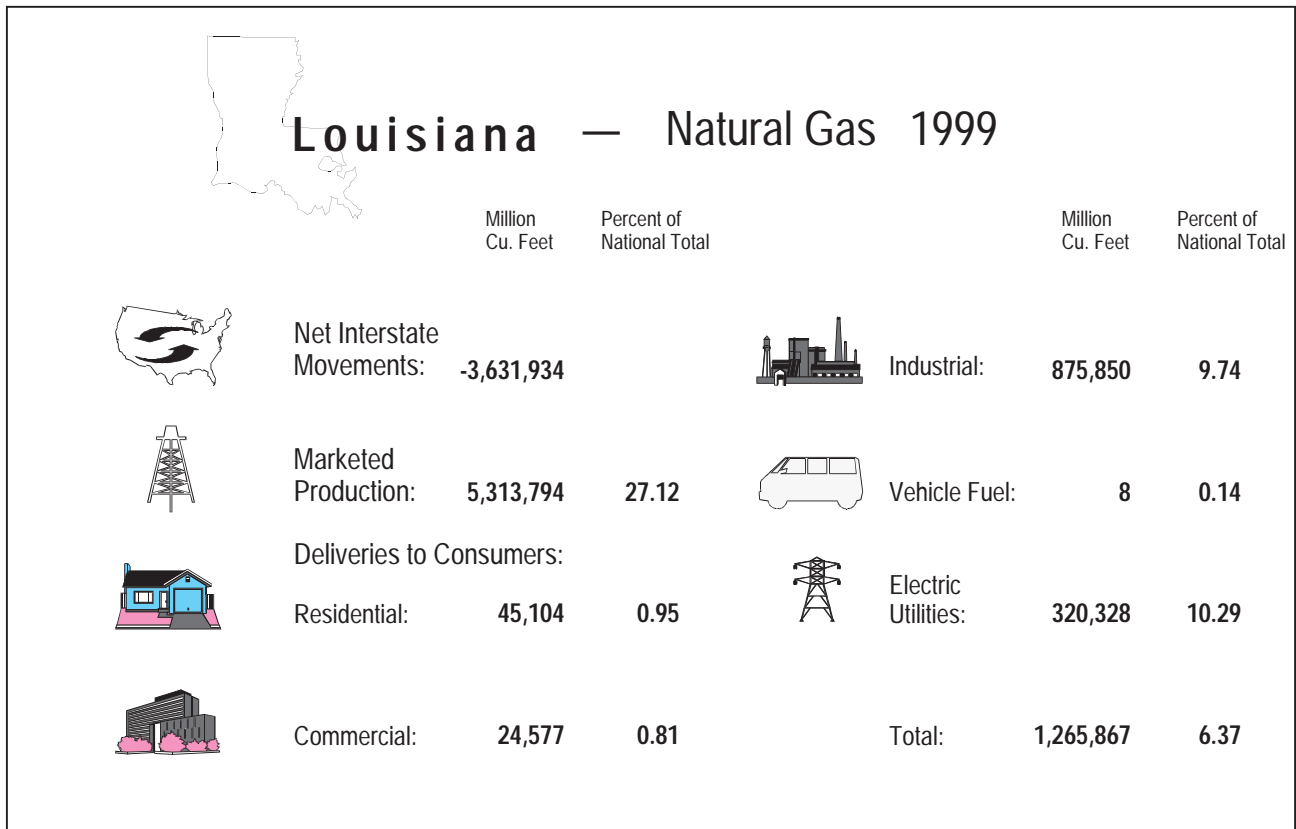
R = Revised data.

— = Not applicable.

\* = Volume is less than 500,000 cubic feet.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 59. Summary Statistics for Natural Gas — Louisiana, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	14,169	15,295	14,958	18,399	16,717
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	4,481,388	4,688,144	4,613,916	<sup>R</sup> 4,534,464	4,529,182
From Oil Wells.....	681,392	663,252	685,040	<sup>R</sup> 826,307	843,131
<b>Total.....</b>	<b>5,162,780</b>	<b>5,351,395</b>	<b>5,298,956</b>	<b><sup>R</sup>5,360,771</b>	<b>5,372,313</b>
Repressuring .....	35,684	39,949	47,207	<sup>R</sup> 42,051	37,010
Nonhydrocarbon Gases Removed.....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	5,127,096	5,311,447	5,251,749	<sup>R</sup> 5,318,720	5,335,302
Vented and Flared.....	18,729	21,705	21,928	19,543	21,509
Marketed Production .....	5,108,366	5,289,742	5,229,821	<sup>R</sup> 5,299,177	5,313,794
Extraction Loss.....	146,048	139,841	150,008	144,609	164,794
<b>Total Dry Production.....</b>	<b>4,962,318</b>	<b>5,149,901</b>	<b>5,079,813</b>	<b><sup>R</sup>5,154,568</b>	<b>5,149,000</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	4,962,318	5,149,901	5,079,813	<sup>R</sup> 5,154,568	5,149,000
Receipts at State Borders					
Imports .....	5,149	7,042	30,596	42,922	67,362
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	2,164,567	2,373,002	2,106,229	1,672,280	1,584,311
Withdrawals from Storage					
Underground Storage.....	262,328	260,117	293,076	238,821	271,293
LNG Storage .....	4,723	7,056	28,245	16,515	65,780
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	86,580	46,446	241,462	<sup>R</sup> 11,125	-30,298
<b>Total Supply.....</b>	<b>7,485,667</b>	<b>7,843,563</b>	<b>7,779,421</b>	<b><sup>R</sup>7,136,231</b>	<b>7,107,447</b>

See footnotes at end of table.

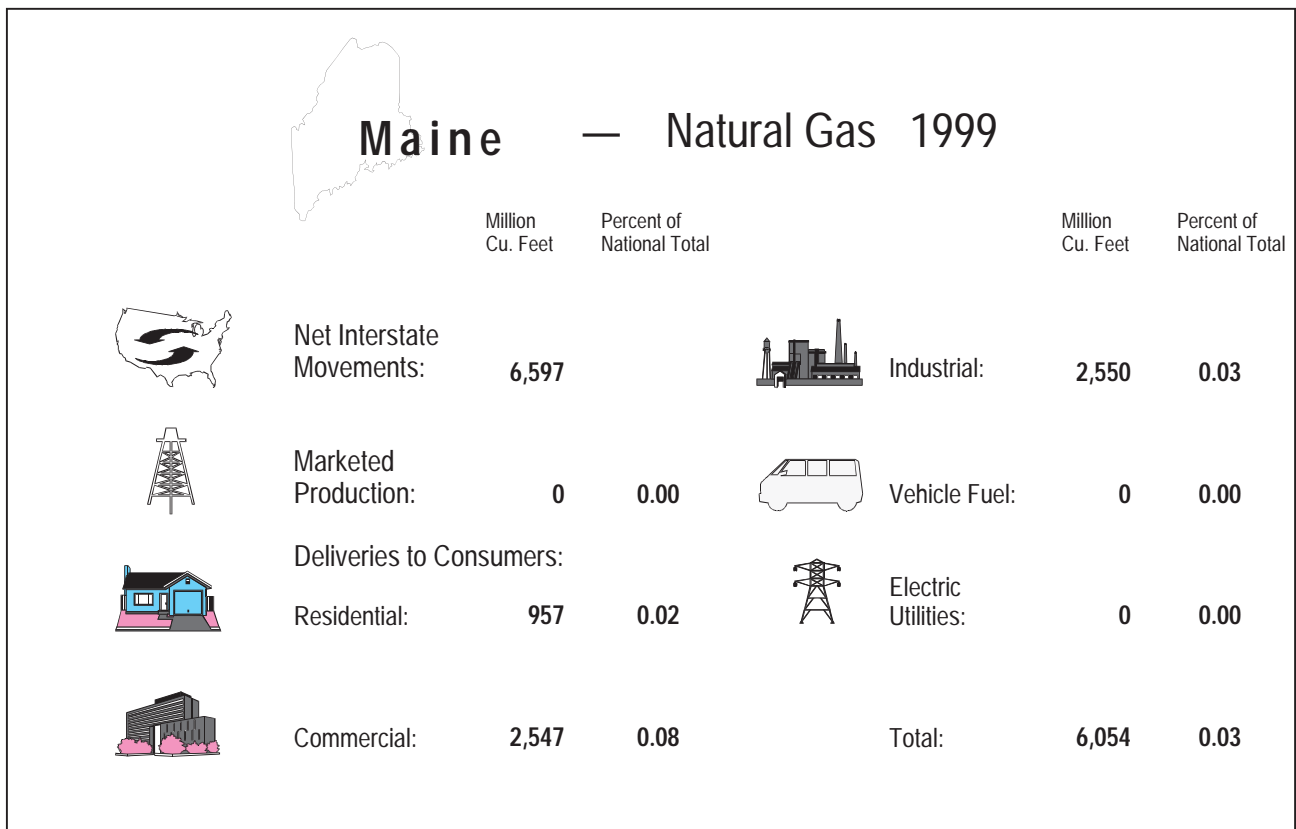
Table 59. Summary Statistics for Natural Gas — Louisiana, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	1,717,914	1,664,447	1,659,226	R <sup>1</sup> 1,569,219	1,495,248
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	5,553,146	5,922,946	5,787,452	5,214,945	5,283,607
Additions to Storage					
Underground Storage .....	209,575	249,153	302,324	321,681	261,763
LNG Storage .....	5,032	7,016	30,419	30,385	66,830
<b>Total Disposition .....</b>	<b>7,485,667</b>	<b>7,843,563</b>	<b>7,779,421</b>	<b>R<sup>7</sup>7,136,231</b>	<b>7,107,447</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	133,825	144,486	156,387	R <sup>1</sup> 133,278	113,027
Pipeline Fuel .....	64,729	67,761	71,523	60,400	47,961
Plant Fuel .....	75,845	69,235	71,155	63,368	68,393
Delivered to Consumers					
Residential .....	52,603	56,626	52,709	47,574	45,104
Commercial .....	23,833	25,746	25,613	24,042	24,577
Industrial .....	1,044,136	1,048,432	1,004,383	922,155	875,850
Vehicle Fuel .....	21	23	16	7	8
Electric Utilities .....	322,923	252,139	277,438	318,395	320,328
<b>Total Delivered to Consumers .....</b>	<b>1,443,515</b>	<b>1,382,966</b>	<b>1,360,160</b>	<b>1,312,174</b>	<b>1,265,867</b>
<b>Total Consumption .....</b>	<b>1,717,914</b>	<b>1,664,447</b>	<b>1,659,226</b>	<b>R<sup>1</sup>1,569,219</b>	<b>1,495,248</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	3	9	9	7	7
Commercial .....	464	451	1,048	1,287	1,528
Industrial .....	733,133	942,276	903,298	836,843	801,729
Electric Utilities .....	239,903	202,033	186,028	232,644	236,925
<b>Number of Consumers</b>					
Residential .....	957,558	945,967	962,786	962,436	961,925
Commercial .....	62,930	62,101	62,270	63,029	62,912
Industrial .....	1,383	1,444	1,430	1,404	1,422
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	379	415	411	381	391
Industrial .....	754,979	726,061	702,366	656,806	615,928
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.58	2.33	2.36	2.00	2.19
Imports .....	1.85	2.22	2.63	2.67	2.43
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.61	2.58	2.59	2.22	1.99
City Gate .....	2.21	3.13	3.04	2.33	2.70
Delivered to Consumers					
Residential .....	6.01	6.76	7.16	6.68	6.83
Commercial .....	5.15	6.09	6.22	5.64	5.72
Industrial .....	1.82	2.84	2.87	2.31	2.54
Vehicle Fuel .....	2.99	3.53	5.57	4.75	4.47
Electric Utilities .....	1.88	2.94	2.79	2.37	2.59

R = Revised data.  
 NA = Not available.  
 — = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 60. Summary Statistics for Natural Gas — Maine, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	5,533	5,907	6,444	5,734	6,597
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	16	22	13	44	68
Supplemental Gas Supplies.....	96	61	31	24	43
Balancing Item.....	-196	-241	-231	-78	-570
<b>Total Supply.....</b>	<b>5,448</b>	<b>5,749</b>	<b>6,258</b>	<b>5,724</b>	<b>6,137</b>

See footnotes at end of table.

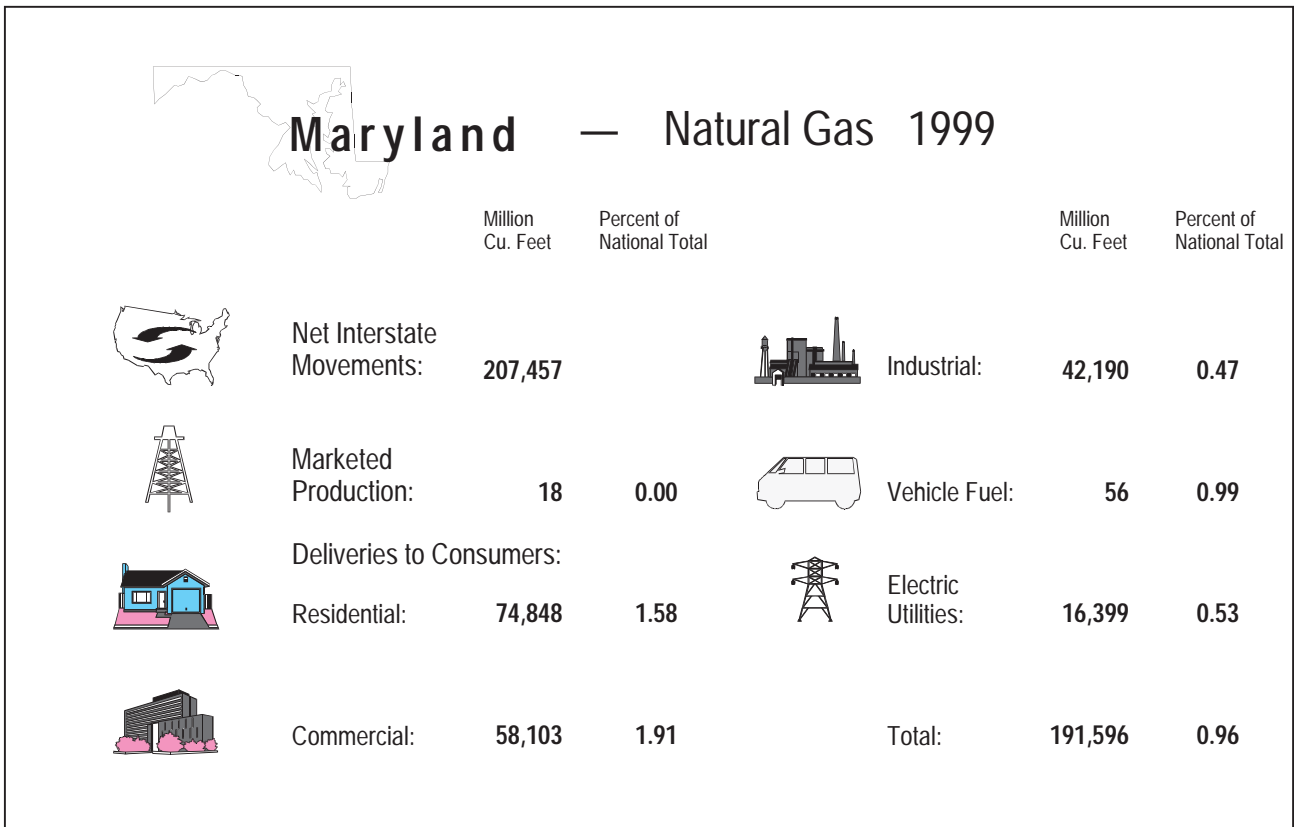
Table 60. Summary Statistics for Natural Gas — Maine, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	5,429	5,722	6,247	5,663	6,054
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	0	0	0	0	0
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	19	26	11	61	83
<b>Total Disposition .....</b>	<b>5,448</b>	<b>5,749</b>	<b>6,258</b>	<b>5,724</b>	<b>6,137</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	96	0	0	0	0
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	913	967	1,009	910	957
Commercial .....	2,426	2,566	2,713	2,456	2,547
Industrial.....	1,993	2,190	2,525	2,297	2,550
Vehicle Fuel.....	0	0	0	0	0
Electric Utilities.....	0	0	0	0	0
<b>Total Delivered to Consumers .....</b>	<b>5,333</b>	<b>5,722</b>	<b>6,247</b>	<b>5,663</b>	<b>6,054</b>
<b>Total Consumption.....</b>	<b>5,429</b>	<b>5,722</b>	<b>6,247</b>	<b>5,663</b>	<b>6,054</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	0	0	0	0	0
Industrial.....	0	197	218	288	555
Electric Utilities.....	0	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	14,917	14,982	15,221	15,646	15,247
Commercial .....	5,819	6,414	6,606	6,662	6,582
Industrial.....	74	87	81	110	108
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	417	400	411	369	387
Industrial.....	26,936	25,170	31,172	20,883	23,608
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	5.50	—	—	—	—
City Gate .....	3.35	4.30	3.84	3.43	4.61
Delivered to Consumers					
Residential.....	7.32	7.84	8.47	8.09	7.47
Commercial .....	6.51	7.09	7.70	7.23	6.65
Industrial.....	4.46	5.22	5.55	5.13	4.93
Vehicle Fuel.....	—	—	—	—	—
Electric Utilities.....	—	—	—	—	—

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 61. Summary Statistics for Natural Gas — Maryland, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	7	8	8	8	8
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	22	135	118	63	18
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>22</b>	<b>135</b>	<b>118</b>	<b>63</b>	<b>18</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	22	135	118	63	18
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	22	135	118	63	18
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>22</b>	<b>135</b>	<b>118</b>	<b>63</b>	<b>18</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	22	135	118	63	18
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	864,322	882,473	932,773	894,531	1,010,107
Withdrawals from Storage					
Underground Storage.....	19,658	17,472	14,966	13,751	18,740
LNG Storage .....	540	691	252	29	221
Supplemental Gas Supplies.....	609	882	178	80	498
Balancing Item.....	-21,359	-14,538	-42,875	357	-12,612
<b>Total Supply.....</b>	<b>863,793</b>	<b>887,114</b>	<b>905,412</b>	<b>908,811</b>	<b>1,016,971</b>

See footnotes at end of table.

Table 61. Summary Statistics for Natural Gas — Maryland, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	194,099	192,528	207,447	179,293	194,804
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	652,253	672,257	681,017	714,077	802,650
Additions to Storage					
Underground Storage .....	15,610	17,448	15,510	14,627	18,802
LNG Storage .....	1,831	4,881	1,439	813	715
<b>Total Disposition .....</b>	<b>863,793</b>	<b>887,114</b>	<b>905,412</b>	<b>908,811</b>	<b>1,016,971</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	1	3	3	1	1
Pipeline Fuel .....	2,826	2,624	3,124	2,968	3,207
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	76,552	85,533	77,500	68,057	74,848
Commercial .....	46,874	45,842	49,802	57,370	58,103
Industrial .....	48,963	50,022	65,954	38,531	42,190
Vehicle Fuel .....	50	49	57	62	56
Electric Utilities .....	18,833	8,455	11,007	12,303	16,399
<b>Total Delivered to Consumers .....</b>	<b>191,272</b>	<b>189,901</b>	<b>204,319</b>	<b>176,323</b>	<b>191,596</b>
<b>Total Consumption .....</b>	<b>194,099</b>	<b>192,528</b>	<b>207,447</b>	<b>179,293</b>	<b>194,804</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	1,338	2,503	7,920	12,920
Commercial .....	1,469	3,734	16,394	36,375	38,722
Industrial .....	42,475	44,186	61,067	35,842	39,772
Electric Utilities .....	6,489	9,518	10,873	7,934	18,219
<b>Number of Consumers</b>					
Residential .....	841,772	871,012	890,195	901,455	939,029
Commercial .....	66,094	69,991	69,056	67,850	69,301
Industrial .....	481	430	479	1,472	537
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	709	655	721	846	838
Industrial .....	101,794	116,331	137,690	26,176	78,566
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.42	—	2.23	2.60	2.73
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.81	2.48	2.98	2.41	2.30
City Gate .....	2.87	4.02	4.02	4.12	3.45
Delivered to Consumers					
Residential .....	6.62	7.60	8.36	8.29	8.41
Commercial .....	5.06	6.08	6.53	6.65	6.95
Industrial .....	3.21	5.36	3.25	5.26	5.69
Vehicle Fuel .....	3.06	3.82	3.58	3.09	3.05
Electric Utilities .....	2.24	3.11	2.97	2.75	3.20

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

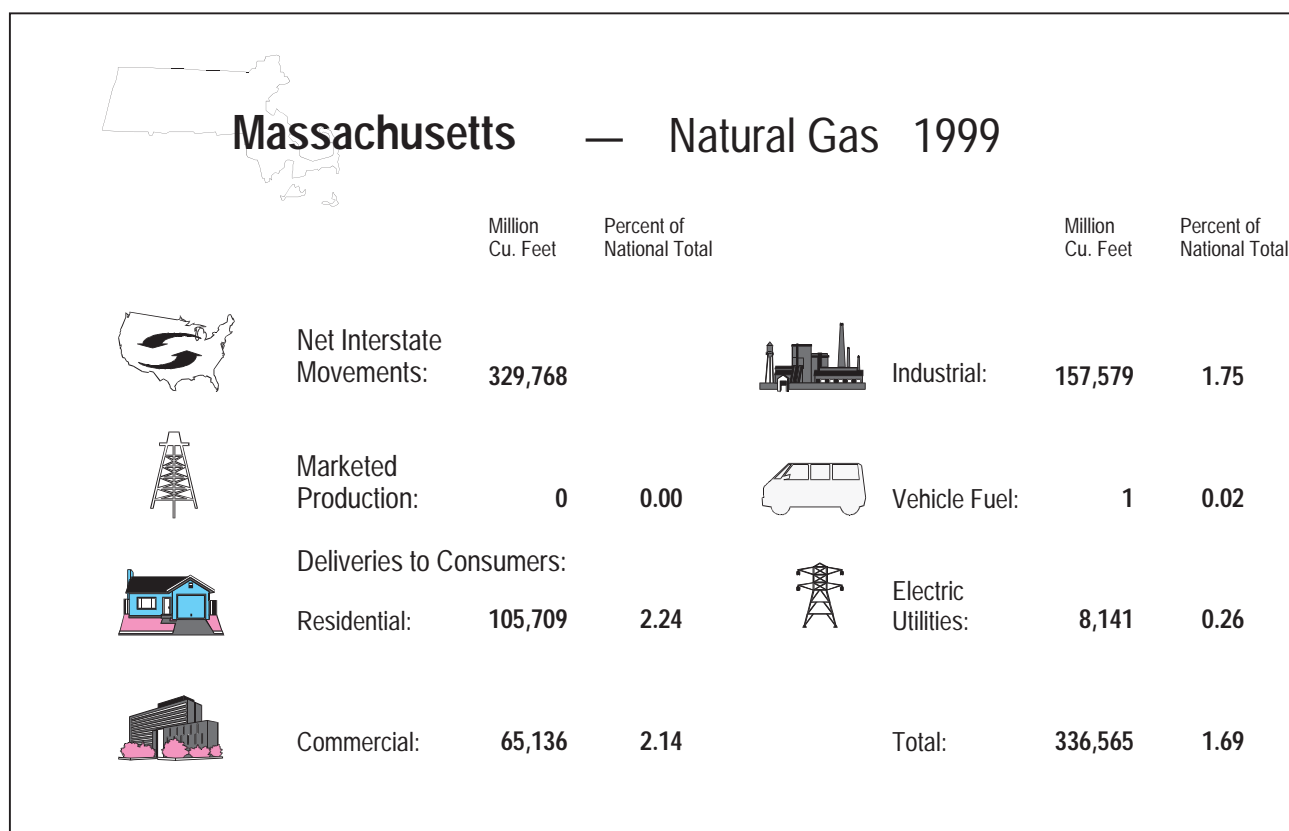


Table 62. Summary Statistics for Natural Gas — Massachusetts, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	12,769	33,232	47,183	42,531	96,068
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	541,527	462,643	387,349	350,148	295,928
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	9,033	11,471	8,565	9,955	6,381
Supplemental Gas Supplies.....	420	426	147	68	134
Balancing Item.....	-96,577	-60,001	13,630	10,148	6,871
<b>Total Supply.....</b>	<b>467,172</b>	<b>447,771</b>	<b>456,874</b>	<b>412,850</b>	<b>405,382</b>

See footnotes at end of table.



Table 62. Summary Statistics for Natural Gas — Massachusetts, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	362,301	357,740	380,267	337,778	339,219
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	98,974	83,924	71,558	72,360	62,228
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	5,898	6,107	5,049	2,712	3,934
<b>Total Disposition .....</b>	<b>467,172</b>	<b>447,771</b>	<b>456,874</b>	<b>412,850</b>	<b>405,382</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	1,872	2,131	2,356	1,903	2,655
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	105,795	114,365	112,308	102,062	105,709
Commercial .....	82,270	96,187	105,813	90,092	65,136
Industrial.....	107,730	100,015	108,295	125,286	157,579
Vehicle Fuel.....	12	5	5	7	1
Electric Utilities .....	64,623	45,037	51,490	18,427	8,141
<b>Total Delivered to Consumers .....</b>	<b>360,429</b>	<b>355,609</b>	<b>377,911</b>	<b>335,874</b>	<b>336,565</b>
<b>Total Consumption.....</b>	<b>362,301</b>	<b>357,740</b>	<b>380,267</b>	<b>337,778</b>	<b>339,219</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	103	1,038	1,986	1,797
Commercial .....	12,453	24,311	39,539	37,931	26,186
Industrial.....	73,793	74,115	86,377	108,741	128,167
Electric Utilities .....	50,087	39,460	44,658	13,914	7,611
<b>Number of Consumers</b>					
Residential.....	1,180,860	1,188,317	1,204,494	1,212,486	1,232,887
Commercial .....	104,453	105,889	107,926	108,832	113,177
Industrial.....	10,447	10,952	11,063	11,255	8,037
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	788	908	980	828	576
Industrial.....	10,312	9,132	9,789	11,132	19,607
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports .....	2.48	2.92	2.81	2.59	2.49
Exports .....	—	—	—	—	—
Pipeline Fuel.....	2.00	2.74	2.67	2.27	1.86
City Gate .....	3.53	3.98	3.85	4.01	3.74
Delivered to Consumers					
Residential.....	9.04	8.88	9.43	9.42	9.25
Commercial .....	6.59	6.74	7.34	7.32	7.63
Industrial.....	4.43	5.37	5.78	5.69	5.23
Vehicle Fuel.....	4.22	4.51	3.70	2.41	4.65
Electric Utilities .....	2.06	3.07	3.11	2.78	2.72

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

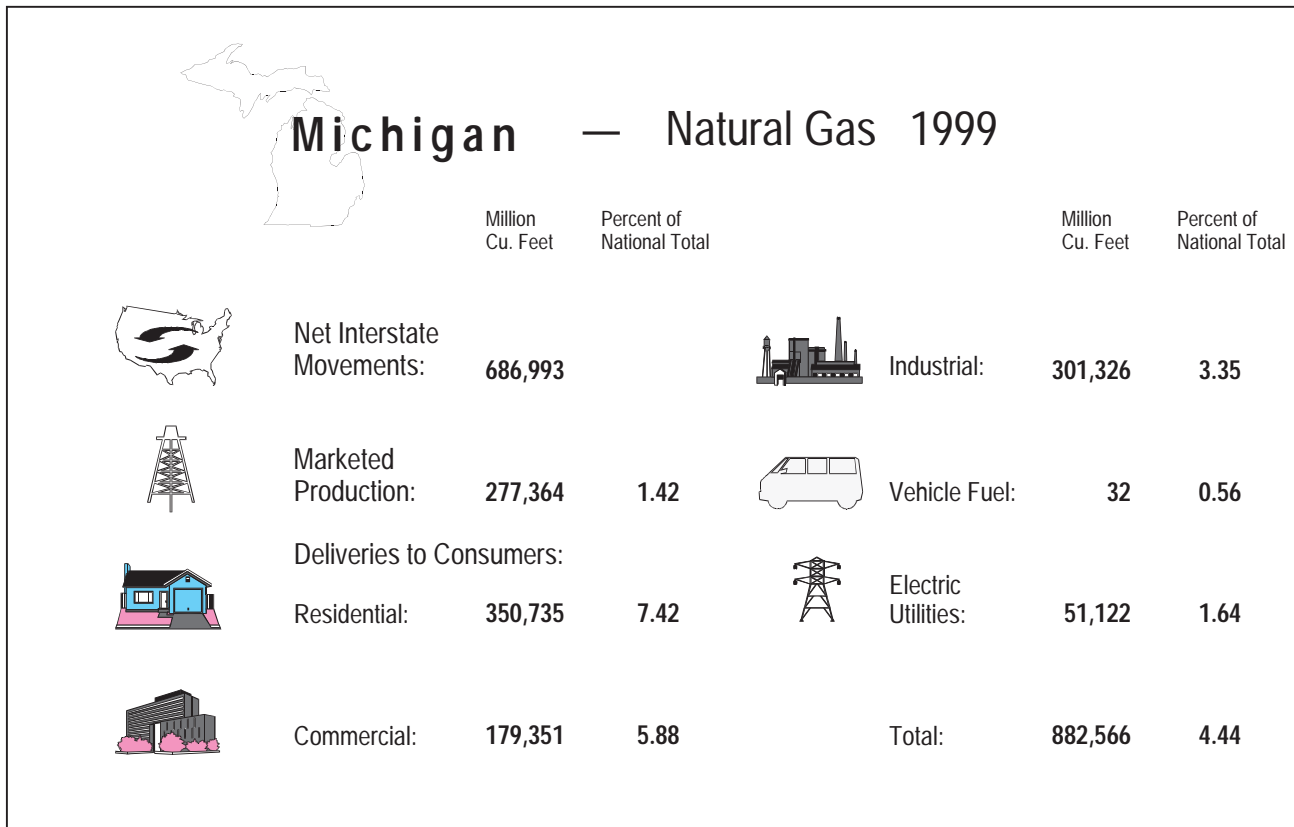


Table 63. Summary Statistics for Natural Gas — Michigan, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	5,258	5,826	6,825	7,000	6,750
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	146,320	201,123	249,291	226,992	226,423
From Oil Wells.....	97,547	50,281	62,323	56,748	56,606
<b>Total.....</b>	<b>243,867</b>	<b>251,404</b>	<b>311,614</b>	<b>283,740</b>	<b>283,028</b>
Repressuring.....	2,340	2,340	2,340	2,340	2,340
Nonhydrocarbon Gases Removed.....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	241,527	249,064	309,274	281,400	280,688
Vented and Flared.....	3,324	3,324	3,324	3,324	3,324
Marketed Production.....	238,203	245,740	305,950	278,076	277,364
Extraction Loss.....	6,328	6,399	6,147	5,938	5,945
<b>Total Dry Production.....</b>	<b>231,875</b>	<b>239,341</b>	<b>299,803</b>	<b>272,138</b>	<b>271,419</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	231,875	239,341	299,803	272,138	271,419
Receipts at State Borders					
Imports .....	26,475	29,043	23,356	47,343	41,194
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,355,745	1,516,628	1,452,628	1,306,417	1,384,456
Withdrawals from Storage					
Underground Storage.....	494,531	471,467	421,264	316,201	376,613
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	21,378	21,848	22,238	21,967	20,896
Balancing Item.....	-66,012	-33,618	-95,527	-79,717	-98,459
<b>Total Supply.....</b>	<b>2,063,992</b>	<b>2,244,709</b>	<b>2,123,762</b>	<b>1,884,349</b>	<b>1,996,119</b>

See footnotes at end of table.

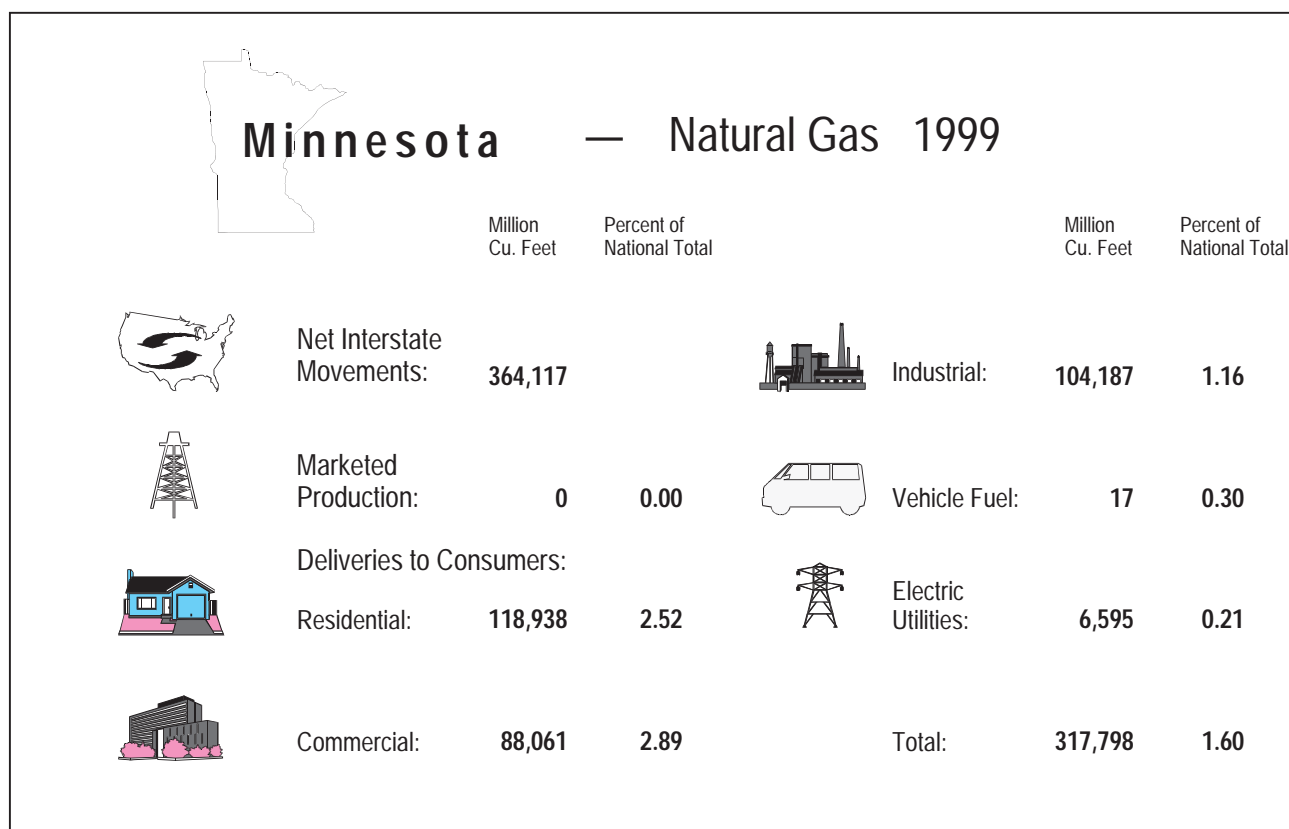
Table 63. Summary Statistics for Natural Gas — Michigan, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	970,851	1,014,947	979,717	843,423	913,787
Deliveries at State Borders					
Exports .....	26,948	50,363	56,447	39,683	36,998
Intransit Deliveries.....	492,481	536,333	516,620	459,461	494,544
Interstate Deliveries .....	196,589	139,929	146,328	150,741	207,115
Additions to Storage					
Underground Storage.....	377,121	503,138	424,651	391,041	343,675
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>2,063,992</b>	<b>2,244,709</b>	<b>2,123,762</b>	<b>1,884,349</b>	<b>1,996,119</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	6,198	5,478	9,386	6,160	5,954
Pipeline Fuel.....	24,851	25,903	23,776	20,733	22,355
Plant Fuel.....	3,337	3,011	2,674	3,073	2,912
Delivered to Consumers					
Residential.....	380,025	399,522	379,838	319,701	350,735
Commercial .....	194,078	201,390	192,258	163,368	179,351
Industrial.....	326,551	347,043	338,456	282,036	301,326
Vehicle Fuel.....	27	40	42	31	32
Electric Utilities .....	35,784	32,559	33,287	48,321	51,122
<b>Total Delivered to Consumers .....</b>	<b>936,466</b>	<b>980,555</b>	<b>943,881</b>	<b>813,457</b>	<b>882,566</b>
<b>Total Consumption.....</b>	<b>970,851</b>	<b>1,014,947</b>	<b>979,717</b>	<b>843,423</b>	<b>913,787</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	4,184	4,309	4,353	3,909	7,807
Commercial .....	65,266	66,621	69,739	65,843	77,782
Industrial.....	296,745	315,568	308,012	258,838	274,847
Electric Utilities .....	28,369	26,067	25,961	45,401	48,182
<b>Number of Consumers</b>					
Residential.....	2,767,190	2,812,876	2,859,483	2,903,698	2,949,628
Commercial .....	211,817	214,843	222,726	224,506	227,159
Industrial.....	11,454	11,848	12,236	11,891	14,530
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	916	937	863	728	790
Industrial.....	28,510	29,291	27,661	23,718	20,738
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.67	2.21	2.19	1.77	1.77
Imports .....	1.90	2.89	2.84	2.15	2.60
Exports .....	1.97	2.66	2.52	2.25	2.36
Pipeline Fuel.....	0.54	1.04	0.95	0.69	0.78
City Gate .....	2.61	2.90	2.99	2.80	2.83
Delivered to Consumers					
Residential.....	4.72	4.96	5.20	5.17	5.13
Commercial .....	4.46	4.75	5.00	4.90	4.87
Industrial.....	3.62	3.87	4.02	3.91	3.69
Vehicle Fuel.....	3.08	3.38	4.01	3.51	3.73
Electric Utilities .....	0.73	0.74	0.79	1.24	1.53

NA = Not available.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 64. Summary Statistics for Natural Gas — Minnesota, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	406,883	401,473	402,706	475,152	512,135
Intransit Receipts .....	492,481	536,333	548,000	481,581	486,468
Interstate Receipts .....	863,304	892,727	849,959	791,117	1,032,755
Withdrawals from Storage					
Underground Storage.....	1,582	1,625	1,044	1,663	1,131
LNG Storage .....	4,731	5,861	1,715	1,269	983
Supplemental Gas Supplies.....	194	709	172	50	64
Balancing Item.....	23,255	-16,814	-17,104	-5,808	-25,310
<b>Total Supply.....</b>	<b>1,792,431</b>	<b>1,821,914</b>	<b>1,786,491</b>	<b>1,745,023</b>	<b>2,008,226</b>

See footnotes at end of table.

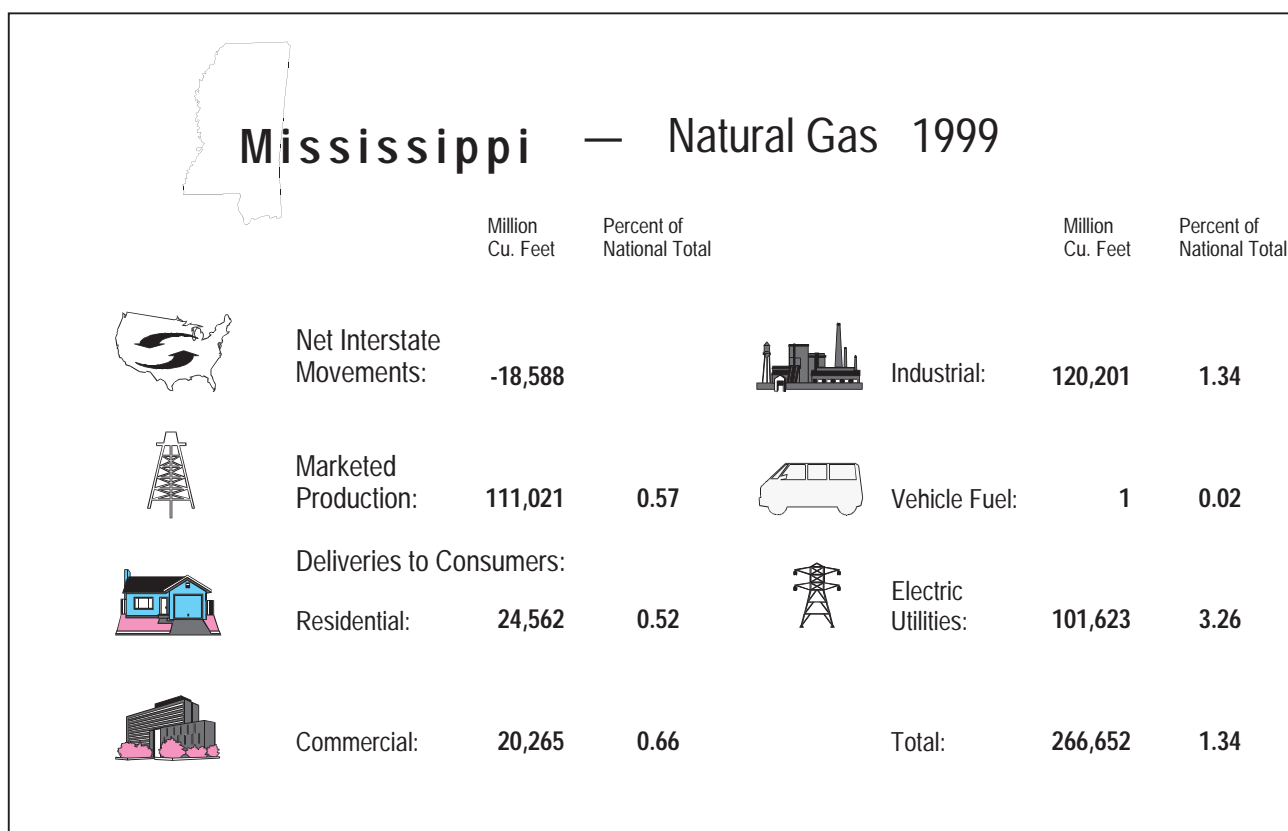
Table 64. Summary Statistics for Natural Gas — Minnesota, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	353,076	368,426	354,081	325,269	339,817
Deliveries at State Borders					
Exports .....	0	0	0	0	1,510
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	1,434,132	1,443,843	1,429,306	1,417,230	1,665,731
Additions to Storage					
Underground Storage.....	1,478	1,655	1,417	1,291	1,384
LNG Storage .....	3,746	7,990	1,686	1,233	1,295
<b>Total Disposition .....</b>	<b>1,792,431</b>	<b>1,821,914</b>	<b>1,786,491</b>	<b>1,745,023</b>	<b>2,009,736</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	19,175	19,755	19,509	20,095	22,019
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	128,736	142,319	128,873	110,449	118,938
Commercial.....	90,658	98,537	92,232	82,345	88,061
Industrial.....	106,189	102,471	107,338	104,610	104,187
Vehicle Fuel.....	26	43	31	32	17
Electric Utilities .....	8,292	5,301	6,098	7,738	6,595
<b>Total Delivered to Consumers .....</b>	<b>333,900</b>	<b>348,671</b>	<b>334,572</b>	<b>305,174</b>	<b>317,798</b>
<b>Total Consumption.....</b>	<b>353,076</b>	<b>368,426</b>	<b>354,081</b>	<b>325,269</b>	<b>339,817</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	5,696	3,768	1,077	1,954	2,454
Industrial.....	69,467	60,195	63,995	63,114	62,747
Electric Utilities .....	734	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	1,080,009	1,103,709	1,134,019	1,161,423	1,190,190
Commercial.....	103,874	105,531	108,686	110,986	114,127
Industrial.....	2,531	2,564	2,245	2,188	2,267
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial.....	873	934	849	742	772
Industrial.....	41,955	39,965	47,812	47,811	45,958
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports .....	1.81	2.38	2.45	2.07	2.29
Exports .....	—	—	—	—	2.05
Pipeline Fuel.....	0.37	0.68	0.63	0.54	0.82
City Gate .....	2.52	3.07	3.67	2.98	3.06
Delivered to Consumers					
Residential.....	4.80	5.46	5.76	5.48	5.56
Commercial.....	3.98	4.63	4.80	4.39	4.44
Industrial.....	2.45	2.97	3.28	2.88	2.98
Vehicle Fuel.....	1.82	3.42	3.50	2.40	3.41
Electric Utilities .....	1.77	2.18	2.44	2.36	2.69

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 65. Summary Statistics for Natural Gas — Mississippi, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	535	568	560	527	560
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	113,401	117,412	119,347	120,588	121,004
From Oil Wells.....	6,051	6,210	7,276	8,628	5,750
<b>Total.....</b>	<b>119,452</b>	<b>123,622</b>	<b>126,623</b>	<b>129,216</b>	<b>126,755</b>
Repressuring.....	11,321	9,366	8,414	9,830	6,286
Nonhydrocarbon Gases Removed.....	10,364	8,316	8,166	8,520	6,703
Wet After Lease Separation.....	97,767	105,940	110,042	110,866	113,765
Vented and Flared.....	2,234	2,677	2,742	2,798	2,745
Marketed Production.....	95,533	103,263	107,300	108,068	111,021
Extraction Loss.....	377	340	300	495	5,462
<b>Total Dry Production.....</b>	<b>95,156</b>	<b>102,923</b>	<b>107,000</b>	<b>107,573</b>	<b>105,559</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	95,156	102,923	107,000	107,573	105,559
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts.....	0	0	0	0	0
Interstate Receipts.....	5,623,521	5,880,172	5,701,467	5,098,105	5,203,246
Withdrawals from Storage					
Underground Storage.....	82,604	75,926	66,979	59,083	62,719
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	394,349	372,489	103,808	132,238	232,694
<b>Total Supply.....</b>	<b>6,195,630</b>	<b>6,431,510</b>	<b>5,979,254</b>	<b>5,396,999</b>	<b>5,604,218</b>

See footnotes at end of table.

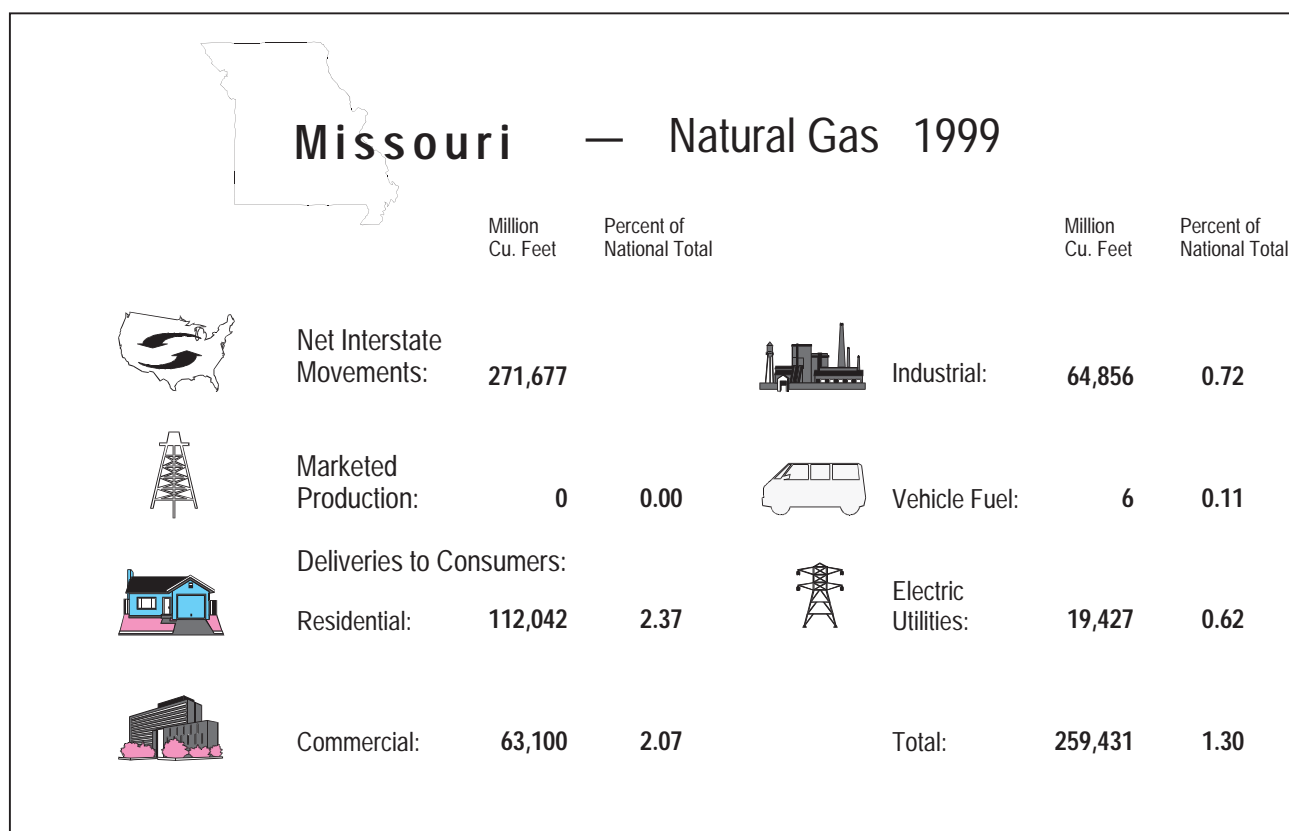
Table 65. Summary Statistics for Natural Gas — Mississippi, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	288,067	269,296	255,380	241,248	334,166
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	5,832,741	6,073,530	5,660,658	5,086,484	5,221,834
Additions to Storage					
Underground Storage .....	74,821	88,684	63,216	69,268	48,217
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>6,195,630</b>	<b>6,431,510</b>	<b>5,979,254</b>	<b>5,396,999</b>	<b>5,604,218</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	3,108	3,202	3,280	3,347	3,283
Pipeline Fuel .....	41,674	49,188	44,979	36,329	63,594
Plant Fuel .....	399	382	372	363	638
Delivered to Consumers					
Residential .....	26,960	30,157	27,626	24,847	24,562
Commercial .....	19,904	22,225	22,070	21,358	20,265
Industrial .....	84,526	80,887	83,967	78,640	120,201
Vehicle Fuel .....	267	5	3	1	1
Electric Utilities .....	111,229	83,251	73,083	76,362	101,623
<b>Total Delivered to Consumers .....</b>	<b>242,887</b>	<b>216,524</b>	<b>206,749</b>	<b>201,209</b>	<b>266,652</b>
<b>Total Consumption .....</b>	<b>288,067</b>	<b>269,296</b>	<b>255,380</b>	<b>241,248</b>	<b>334,166</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	0	0
Commercial .....	615	585	1,148	1,101	807
Industrial .....	48,691	47,133	50,692	49,109	88,589
Electric Utilities .....	40,663	57,417	58,577	70,819	111,148
<b>Number of Consumers</b>					
Residential .....	415,123	418,442	423,397	415,673	426,352
Commercial .....	45,444	46,029	47,311	45,345	47,621
Industrial .....	1,298	1,241	1,199	1,165	1,382
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	438	483	466	471	426
Industrial .....	65,120	65,178	70,031	67,502	86,976
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.24	1.66	1.73	1.42	1.63
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.82	2.63	2.62	2.33	2.26
City Gate .....	2.53	3.27	3.39	3.00	2.88
Delivered to Consumers					
Residential .....	5.28	5.72	6.35	6.08	5.99
Commercial .....	4.28	5.22	5.26	4.74	4.87
Industrial .....	2.71	3.43	3.55	3.22	3.24
Vehicle Fuel .....	1.63	2.51	2.76	2.79	2.91
Electric Utilities .....	1.78	2.78	2.72	2.31	2.49

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 66. Summary Statistics for Natural Gas — Missouri, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	15	24	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	16	25	5	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>16</b>	<b>25</b>	<b>5</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	16	25	5	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	16	25	5	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>16</b>	<b>25</b>	<b>5</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	16	25	5	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,544,992	1,556,791	1,508,139	1,290,478	1,350,606
Withdrawals from Storage					
Underground Storage.....	2,580	6,522	4,629	2,843	2,592
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	4	785	719	40	207
Balancing Item.....	8,664	7,022	9,646	20,759	-5,142
<b>Total Supply.....</b>	<b>1,556,256</b>	<b>1,571,146</b>	<b>1,523,137</b>	<b>1,314,120</b>	<b>1,348,263</b>

See footnotes at end of table.



Table 66. Summary Statistics for Natural Gas — Missouri, 1995-1999 (Continued)

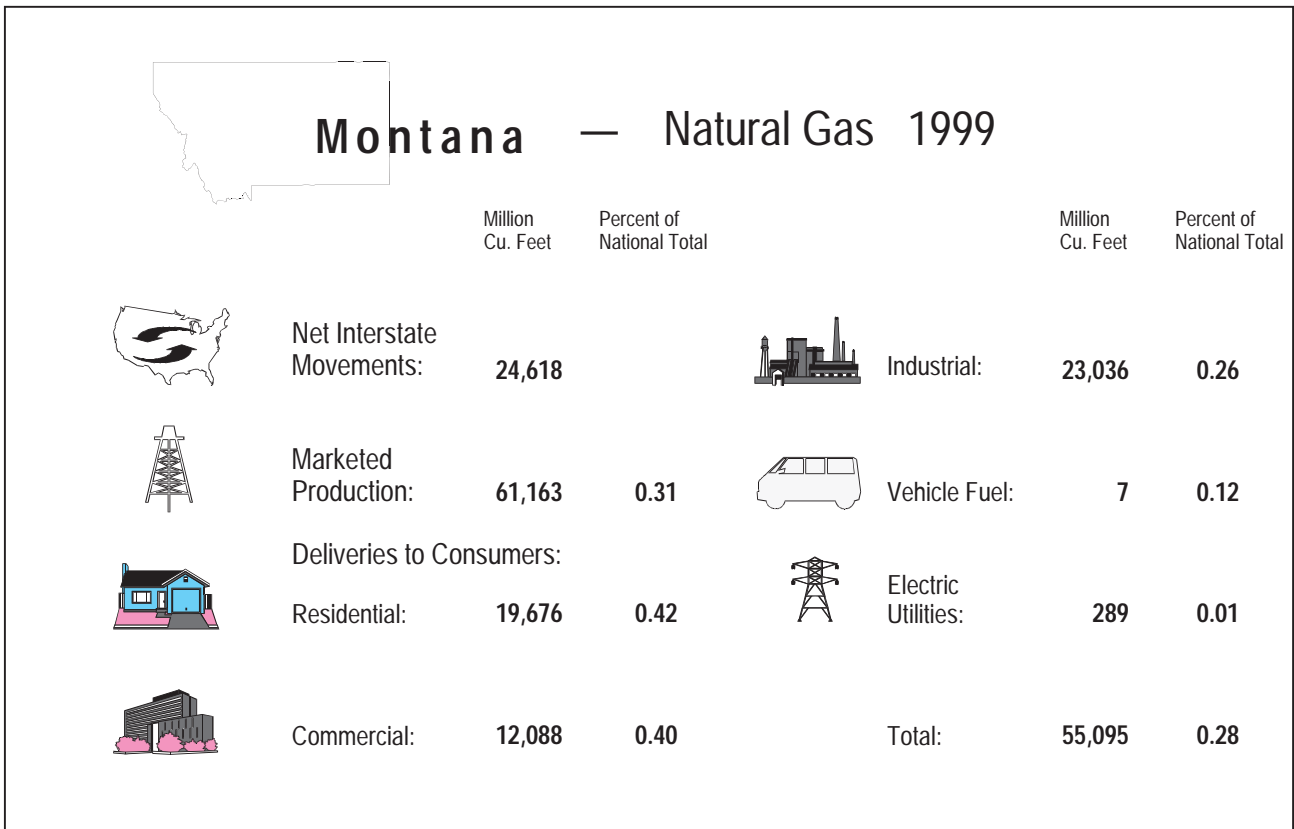
	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	279,078	294,270	283,580	259,177	266,175
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	1,274,401	1,270,306	1,234,476	1,052,273	1,078,929
Additions to Storage					
Underground Storage .....	2,777	6,570	5,081	2,670	3,159
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>1,556,256</b>	<b>1,571,146</b>	<b>1,523,137</b>	<b>1,314,120</b>	<b>1,348,263</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	*	1	0	0	0
Pipeline Fuel .....	7,122	7,455	7,456	5,495	6,744
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	125,110	137,225	127,625	110,779	112,042
Commercial .....	65,086	72,802	69,829	61,995	63,100
Industrial .....	68,924	71,533	71,164	64,868	64,856
Vehicle Fuel .....	6	31	40	6	6
Electric Utilities .....	12,830	5,223	7,465	16,035	19,427
<b>Total Delivered to Consumers .....</b>	<b>271,956</b>	<b>286,814</b>	<b>276,124</b>	<b>253,682</b>	<b>259,431</b>
<b>Total Consumption .....</b>	<b>279,078</b>	<b>294,270</b>	<b>283,580</b>	<b>259,177</b>	<b>266,175</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	0	0
Commercial .....	10,880	12,988	14,059	13,463	13,494
Industrial .....	53,484	53,656	55,638	52,757	52,698
Electric Utilities .....	5,794	1,848	5,132	10,779	10,977
<b>Number of Consumers</b>					
Residential .....	1,259,102	1,275,465	1,293,032	1,307,563	1,311,865
Commercial .....	130,318	133,445	135,553	135,417	133,464
Industrial .....	3,033	3,408	3,464	3,523	3,553
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	499	546	515	458	473
Industrial .....	22,725	20,990	20,544	18,413	18,254
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.70	1.56	1.70	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.19	2.34	2.43	2.02	2.14
City Gate .....	2.73	3.25	3.75	3.33	3.34
Delivered to Consumers					
Residential .....	5.16	5.97	6.61	6.57	6.36
Commercial .....	4.39	5.35	5.88	5.69	5.47
Industrial .....	3.48	4.35	4.78	4.51	4.42
Vehicle Fuel .....	2.74	3.19	3.79	3.38	3.04
Electric Utilities .....	1.69	2.58	2.81	2.26	2.66

— = Not applicable.

\* = Volume is less than 500,000 cubic feet.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 67. Summary Statistics for Natural Gas — Montana, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	2,918	2,990	3,071	3,423	3,634
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	44,370	45,154	46,613	51,774	54,487
From Oil Wells.....	6,393	6,514	7,008	7,733	7,058
<b>Total.....</b>	<b>50,763</b>	<b>51,668</b>	<b>53,621</b>	<b>59,506</b>	<b>61,545</b>
Repressuring.....	82	76	64	68	65
Nonhydrocarbon Gases Removed.....	NA	NA	NA	518	NA
Wet After Lease Separation.....	50,681	51,592	53,557	58,920	61,480
Vented and Flared.....	417	596	1,120	1,274	317
Marketed Production.....	50,264	50,996	52,437	57,645	61,163
Extraction Loss.....	597	576	409	410	435
<b>Total Dry Production.....</b>	<b>49,667</b>	<b>50,420</b>	<b>52,028</b>	<b>57,235</b>	<b>60,728</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	49,667	50,420	52,028	57,235	60,728
Receipts at State Borders					
Imports .....	570,396	576,511	572,977	580,548	807,124
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	20,207	27,448	19,054	16,410	23,871
Withdrawals from Storage					
Underground Storage.....	21,653	31,595	30,181	23,476	28,116
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	-16,190	-14,139	-8,272	-21,334	-29,624
<b>Total Supply.....</b>	<b>645,734</b>	<b>671,836</b>	<b>665,968</b>	<b>656,336</b>	<b>890,215</b>

See footnotes at end of table.

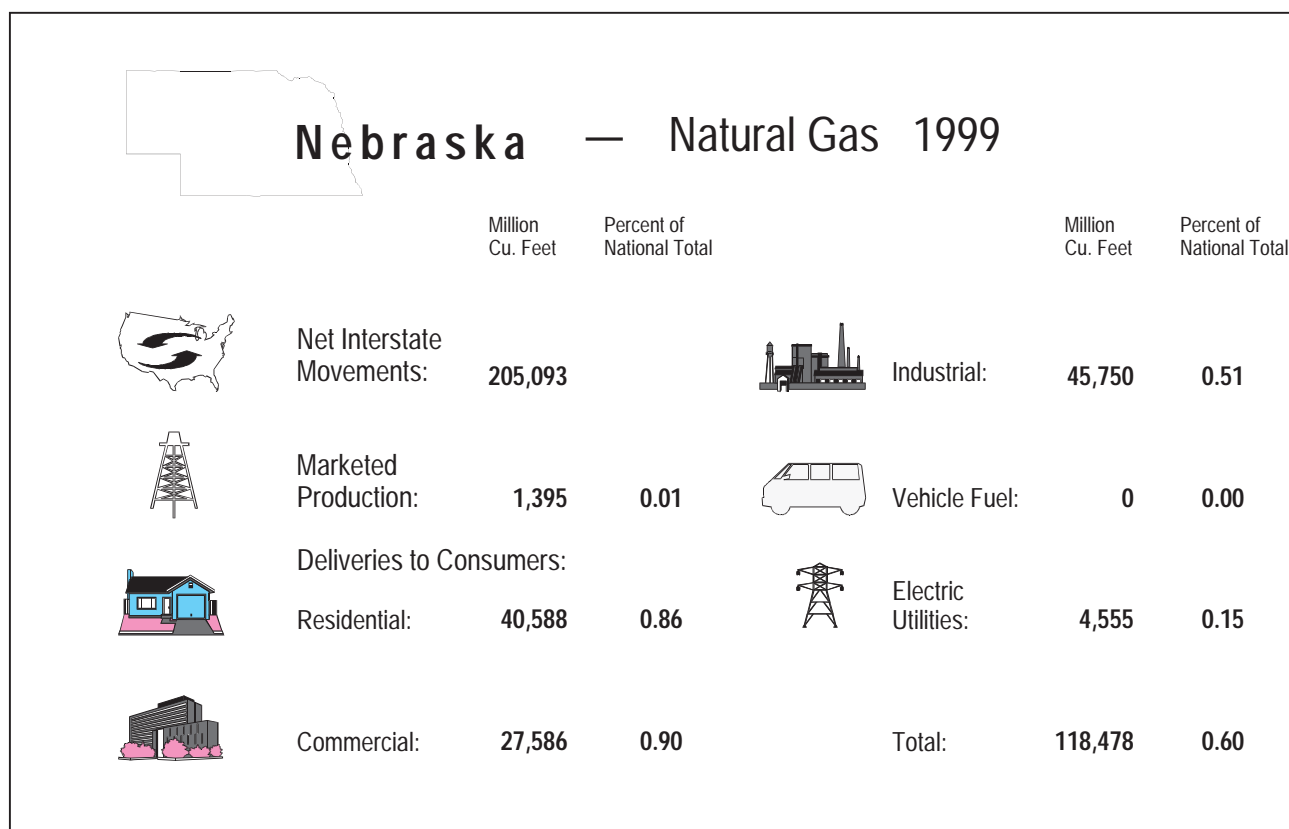
**Table 67. Summary Statistics for Natural Gas — Montana, 1995-1999 (Continued)**

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	57,827	61,399	59,827	59,817	62,096
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	569,852	590,475	587,923	572,643	806,377
Additions to Storage					
Underground Storage.....	18,054	19,871	18,219	23,876	20,232
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>645,734</b>	<b>671,746</b>	<b>665,968</b>	<b>656,336</b>	<b>888,705</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	2,070	2,233	2,089	1,792	798
Pipeline Fuel.....	3,929	3,414	3,436	3,746	5,968
Plant Fuel .....	168	168	188	208	235
Delivered to Consumers					
Residential.....	19,640	22,175	21,002	19,172	19,676
Commercial .....	13,489	14,823	13,911	12,952	12,088
Industrial.....	18,135	18,103	18,766	21,416	23,036
Vehicle Fuel.....	8	13	16	9	7
Electric Utilities .....	388	470	420	522	289
<b>Total Delivered to Consumers .....</b>	<b>51,660</b>	<b>55,584</b>	<b>54,114</b>	<b>54,071</b>	<b>55,095</b>
<b>Total Consumption.....</b>	<b>57,827</b>	<b>61,399</b>	<b>59,827</b>	<b>59,817</b>	<b>62,096</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	218	0	0	0	0
Commercial .....	1,131	1,247	1,181	2,957	2,436
Industrial.....	17,565	17,483	18,193	21,103	22,645
Electric Utilities .....	250	301	304	361	271
<b>Number of Consumers</b>					
Residential.....	203,435	205,199	209,806	218,851	222,114
Commercial .....	26,329	26,374	27,457	28,065	28,424
Industrial.....	463	466	462	454	397
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	512	562	507	462	425
Industrial.....	39,168	38,848	40,619	47,172	58,025
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.36	1.41	1.59	1.53	1.68
Imports .....	1.23	1.88	2.15	1.82	2.03
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.16	1.44	1.77	1.72	2.12
City Gate .....	3.01	3.03	3.16	2.43	2.57
Delivered to Consumers					
Residential.....	5.15	4.86	5.05	5.25	5.16
Commercial .....	4.92	4.64	4.83	5.13	5.13
Industrial.....	4.87	4.88	4.79	4.68	3.44
Vehicle Fuel.....	4.61	3.93	3.83	4.18	3.79
Electric Utilities .....	3.84	2.89	NA	2.06	2.01

NA = Not available.  
— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 68. Summary Statistics for Natural Gas — Nebraska, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	87	88	91	95	96
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	1,557	1,328	1,144	1,214	1,040
From Oil Wells.....	683	548	526	480	356
<b>Total.....</b>	<b>2,240</b>	<b>1,876</b>	<b>1,670</b>	<b>1,695</b>	<b>1,395</b>
Repressuring .....	*	0	0	0	0
Nonhydrocarbon Gases Removed.....	*	0	0	0	0
Wet After Lease Separation.....	2,240	1,876	1,670	1,695	1,395
Vented and Flared.....	*	0	0	0	0
Marketed Production .....	2,240	1,876	1,670	1,695	1,395
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>2,240</b>	<b>1,876</b>	<b>1,670</b>	<b>1,695</b>	<b>1,395</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	2,240	1,876	1,670	1,695	1,395
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,030,750	1,091,152	1,082,729	1,141,508	1,232,471
Withdrawals from Storage					
Underground Storage.....	9,716	6,933	5,069	6,730	6,276
LNG Storage .....	248	788	383	351	201
Supplemental Gas Supplies.....	15	315	134	11	4
Balancing Item.....	151,515	145,095	114,442	-26,390	-85,361
<b>Total Supply.....</b>	<b>1,194,485</b>	<b>1,246,160</b>	<b>1,204,427</b>	<b>1,123,904</b>	<b>1,154,986</b>

See footnotes at end of table.

Table 68. Summary Statistics for Natural Gas — Nebraska, 1995-1999 (Continued)

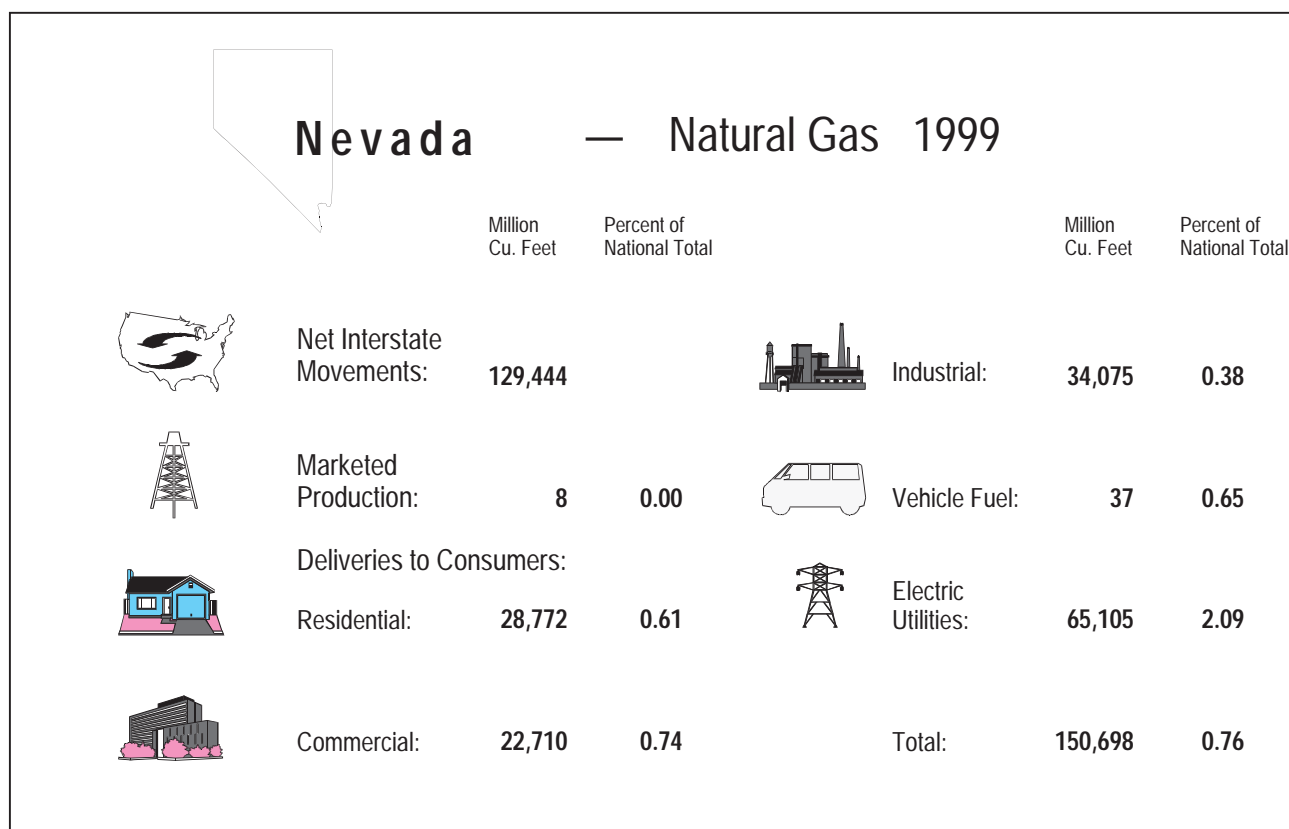
	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	136,384	132,906	132,161	130,669	121,429
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	1,054,114	1,103,916	1,065,103	987,971	1,027,378
Additions to Storage					
Underground Storage.....	3,872	8,423	6,659	5,264	5,802
LNG Storage .....	115	915	505	0	377
<b>Total Disposition .....</b>	<b>1,194,485</b>	<b>1,246,160</b>	<b>1,204,427</b>	<b>1,123,904</b>	<b>1,154,986</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	58	43	38	37	29
Pipeline Fuel.....	3,401	4,563	4,084	2,853	2,922
Plant Fuel.....	2	3	7	0	0
Delivered to Consumers					
Residential.....	45,054	48,989	47,105	40,771	40,588
Commercial .....	40,044	40,833	33,853	28,911	27,586
Industrial.....	44,767	36,125	44,418	53,053	45,750
Vehicle Fuel.....	*	0	0	0	0
Electric Utilities.....	3,059	2,351	2,656	5,044	4,555
<b>Total Delivered to Consumers .....</b>	<b>132,923</b>	<b>128,297</b>	<b>128,031</b>	<b>127,779</b>	<b>118,478</b>
<b>Total Consumption.....</b>	<b>136,384</b>	<b>132,906</b>	<b>132,161</b>	<b>130,669</b>	<b>121,429</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	2,295	6,489
Commercial .....	9,181	12,247	8,738	7,941	9,227
Industrial.....	37,370	28,756	32,405	46,326	39,267
Electric Utilities.....	63	503	630	48	48
<b>Number of Consumers</b>					
Residential.....	427,720	439,931	444,970	523,790	460,173
Commercial .....	61,275	61,117	51,661	63,819	53,943
Industrial.....	2,432	2,234	11,553	10,673	10,342
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	654	668	655	453	511
Industrial.....	18,407	16,170	3,845	4,971	4,424
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.19	1.43	1.53	1.30	1.36
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.33	2.10	2.54	2.01	1.96
City Gate .....	2.49	3.07	4.24	3.02	3.12
Delivered to Consumers					
Residential.....	4.83	4.88	5.69	5.13	5.06
Commercial .....	3.96	4.47	4.88	4.25	4.14
Industrial.....	2.79	3.29	3.85	3.26	3.38
Vehicle Fuel.....	—	—	—	—	—
Electric Utilities.....	1.65	2.07	2.86	2.40	2.80

— = Not applicable.

\* = Volume is less than 500,000 cubic feet.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 69. Summary Statistics for Natural Gas — Nevada, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	5	5	4	4
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	13	11	9	9	8
<b>Total.....</b>	<b>13</b>	<b>11</b>	<b>9</b>	<b>9</b>	<b>8</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	13	11	9	9	8
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	13	11	9	9	8
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>13</b>	<b>11</b>	<b>9</b>	<b>9</b>	<b>8</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	13	11	9	9	8
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	355,804	356,416	343,785	357,695	354,582
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	228	109	214	124	235
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	2,910	10,688	14,680	22,650	22,027
<b>Total Supply.....</b>	<b>358,955</b>	<b>367,224</b>	<b>358,689</b>	<b>380,478</b>	<b>376,852</b>

See footnotes at end of table.

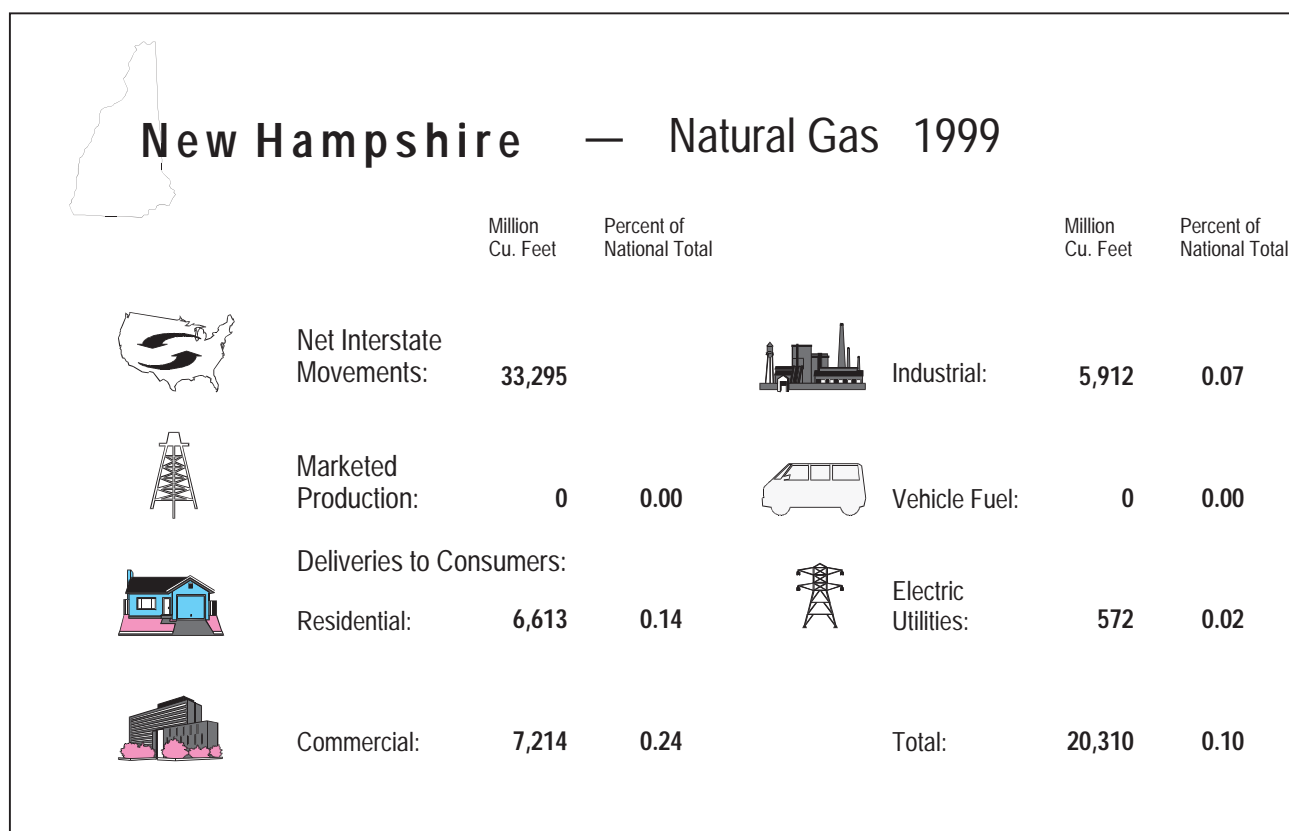
Table 69. Summary Statistics for Natural Gas — Nevada, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	111,004	123,178	128,634	143,761	151,507
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	247,692	243,866	229,779	236,624	225,138
Additions to Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage .....	259	180	276	92	206
<b>Total Disposition .....</b>	<b>358,955</b>	<b>367,224</b>	<b>358,689</b>	<b>380,478</b>	<b>376,852</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	13	11	9	9	8
Pipeline Fuel .....	730	718	656	782	801
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	20,686	22,607	25,243	30,023	28,772
Commercial .....	18,703	20,421	21,958	23,314	22,710
Industrial .....	30,641	32,606	28,925	28,662	34,075
Vehicle Fuel .....	109	48	65	33	37
Electric Utilities .....	40,134	46,766	51,777	60,937	65,105
<b>Total Delivered to Consumers .....</b>	<b>110,273</b>	<b>122,449</b>	<b>127,969</b>	<b>142,970</b>	<b>150,698</b>
<b>Total Consumption .....</b>	<b>111,004</b>	<b>123,178</b>	<b>128,634</b>	<b>143,761</b>	<b>151,507</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	0	0
Commercial .....	4,416	5,272	6,305	6,941	8,888
Industrial .....	30,102	32,073	28,399	27,104	31,350
Electric Utilities .....	38,533	47,039	51,161	43,729	66,750
<b>Number of Consumers</b>					
Residential .....	364,112	393,783	426,221	458,737	490,029
Commercial .....	25,593	26,613	27,629	29,030	30,521
Industrial .....	120	121	97	97	114
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	731	767	795	803	744
Industrial .....	255,340	269,472	298,197	295,488	298,900
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.79	1.35	2.09	1.98	2.22
City Gate .....	2.73	3.10	3.39	3.02	2.59
Delivered to Consumers					
Residential .....	6.76	6.19	6.27	7.11	7.14
Commercial .....	5.40	4.91	5.09	6.28	6.02
Industrial .....	5.34	4.90	7.77	4.74	4.76
Vehicle Fuel .....	3.73	3.53	3.61	3.86	3.84
Electric Utilities .....	1.71	2.12	2.18	2.38	2.51

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 70. Summary Statistics for Natural Gas — New Hampshire, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	22,820
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	31,742	27,435	27,720	30,093	17,072
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	90	147	102	103	111
Balancing Item.....	-6,413	-2,638	-542	-5,343	-13,095
<b>Total Supply.....</b>	<b>25,419</b>	<b>24,945</b>	<b>27,280</b>	<b>24,853</b>	<b>26,908</b>

See footnotes at end of table.



Table 70. Summary Statistics for Natural Gas — New Hampshire, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	19,899	19,057	20,846	19,125	20,312
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	5,521	5,888	6,433	5,728	6,597
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>25,419</b>	<b>24,945</b>	<b>27,280</b>	<b>24,853</b>	<b>26,908</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	22	26	24	22	2
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	6,507	7,012	6,939	6,267	6,613
Commercial.....	6,514	7,099	7,489	6,808	7,214
Industrial.....	4,607	4,916	5,830	5,878	5,912
Vehicle Fuel.....	*	0	0	0	0
Electric Utilities.....	2,248	3	564	149	572
<b>Total Delivered to Consumers .....</b>	<b>19,877</b>	<b>19,031</b>	<b>20,822</b>	<b>19,103</b>	<b>20,310</b>
<b>Total Consumption.....</b>	<b>19,899</b>	<b>19,057</b>	<b>20,846</b>	<b>19,125</b>	<b>20,312</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	52	218	567	399	490
Industrial.....	1,639	2,193	2,987	4,072	4,475
Electric Utilities.....	0	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	74,232	75,175	77,092	78,786	80,958
Commercial.....	12,450	12,755	13,225	13,512	13,932
Industrial.....	332	367	385	389	417
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial.....	523	557	566	504	518
Industrial.....	13,877	13,396	15,144	15,111	14,177
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports .....	—	—	—	—	2.61
Exports .....	—	—	—	—	—
Pipeline Fuel.....	3.42	4.17	4.20	3.88	3.97
City Gate .....	3.39	4.20	4.10	3.75	4.07
Delivered to Consumers					
Residential.....	7.16	7.40	8.48	8.12	7.67
Commercial.....	6.44	6.74	7.63	7.18	6.86
Industrial.....	3.80	4.79	4.90	4.66	4.60
Vehicle Fuel.....	6.16	—	—	—	—
Electric Utilities.....	1.86	NA	2.71	—	2.67

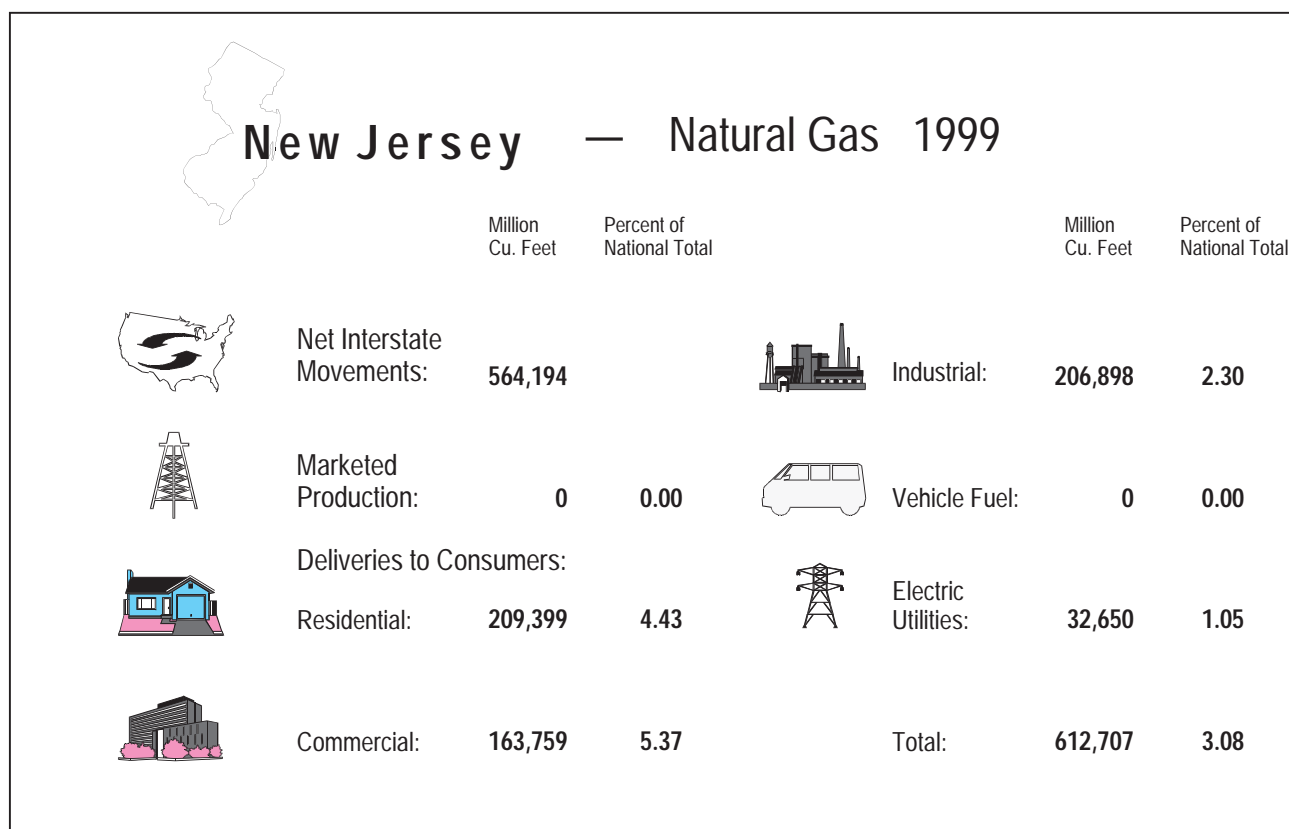
NA = Not available.

— = Not applicable.

\* = Volume is less than 500,000 cubic feet.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 71. Summary Statistics for Natural Gas — New Jersey, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,296,464	1,217,278	1,274,307	1,154,761	1,357,384
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	2,982	3,219	3,330	4,305	6,752
Supplemental Gas Supplies.....	7,291	6,778	6,464	9,082	5,761
Balancing Item.....	-465	17,919	47,699	48,625	47,150
<b>Total Supply.....</b>	<b>1,306,272</b>	<b>1,245,194</b>	<b>1,331,800</b>	<b>1,216,774</b>	<b>1,417,047</b>

See footnotes at end of table.

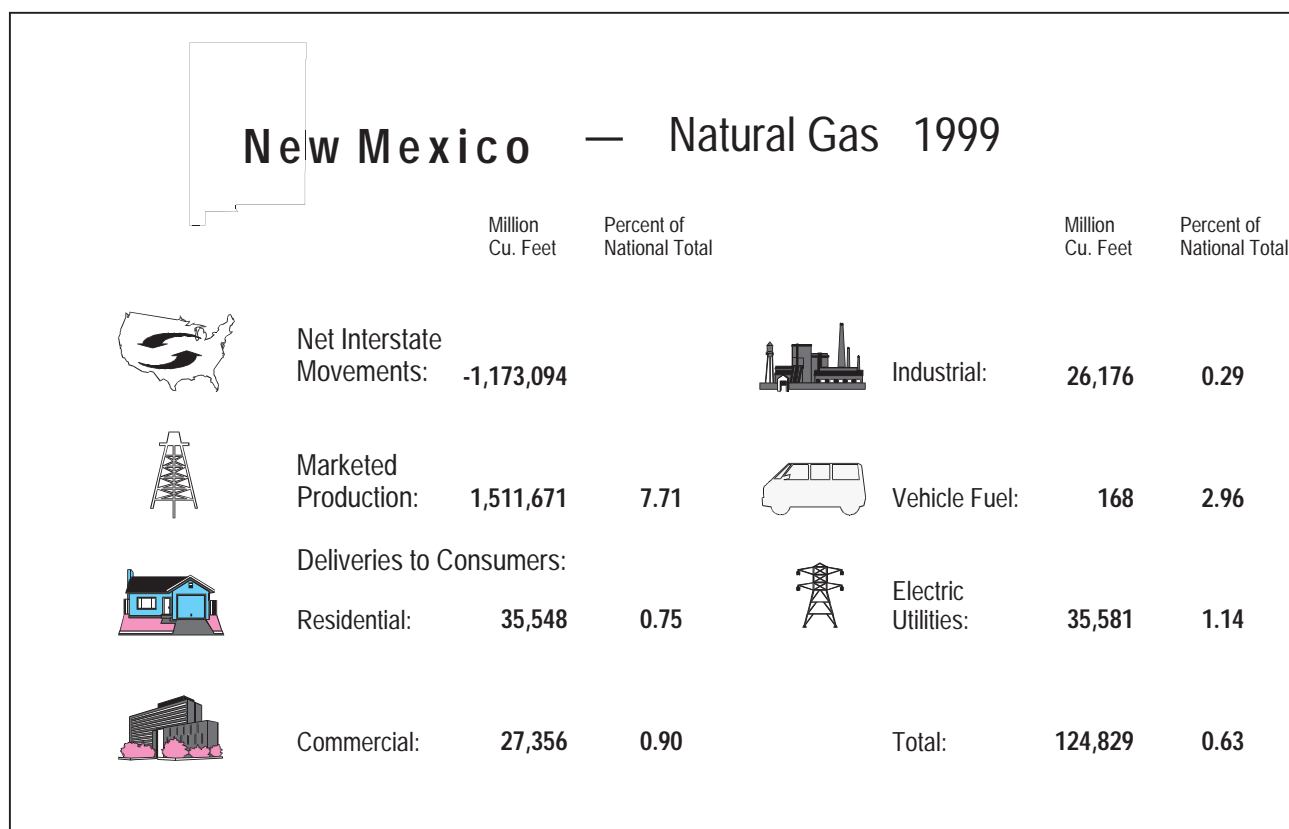
Table 71. Summary Statistics for Natural Gas — New Jersey, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	590,797	602,907	621,045	581,799	616,823
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	712,420	637,254	706,829	630,054	793,190
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	3,055	5,033	3,926	4,922	7,035
<b>Total Disposition .....</b>	<b>1,306,272</b>	<b>1,245,194</b>	<b>1,331,800</b>	<b>1,216,774</b>	<b>1,417,047</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	2,482	3,097	3,407	2,700	4,116
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	194,432	222,619	216,925	196,658	209,399
Commercial .....	138,965	150,432	168,760	146,653	163,759
Industrial .....	209,014	200,933	202,418	204,791	206,898
Vehicle Fuel.....	6	0	1	0	0
Electric Utilities .....	45,897	25,825	29,534	30,996	32,650
<b>Total Delivered to Consumers .....</b>	<b>588,315</b>	<b>599,810</b>	<b>617,638</b>	<b>579,099</b>	<b>612,707</b>
<b>Total Consumption.....</b>	<b>590,797</b>	<b>602,907</b>	<b>621,045</b>	<b>581,799</b>	<b>616,823</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	611	2,301	5,266
Commercial .....	19,074	40,100	73,902	57,904	72,015
Industrial .....	98,456	96,081	107,183	106,301	112,455
Electric Utilities .....	3,725	12,559	5,436	7,078	7,857
<b>Number of Consumers</b>					
Residential.....	2,123,323	2,147,622	2,193,629	2,252,248	2,245,904
Commercial .....	222,632	224,749	226,714	234,459	232,831
Industrial.....	10,362	10,139	17,638	16,295	10,111
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	624	669	744	625	703
Industrial.....	20,171	19,818	11,476	12,568	20,463
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	2.59	3.15	3.11	2.93	1.79
City Gate .....	3.34	3.84	4.19	3.71	4.48
Delivered to Consumers					
Residential.....	7.27	7.16	7.93	7.33	7.46
Commercial .....	5.76	6.14	5.88	3.70	3.99
Industrial.....	3.11	3.82	3.78	2.97	3.14
Vehicle Fuel.....	4.28	6.93	7.06	7.74	7.38
Electric Utilities .....	2.18	2.96	3.06	2.74	3.08

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 72. Summary Statistics for Natural Gas — New Mexico, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	23,510	24,134	27,421	28,200	26,007
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	1,398,631	1,418,116	1,460,104	1,404,467	1,453,917
From Oil Wells.....	242,247	246,559	257,365	243,458	219,900
<b>Total.....</b>	<b>1,640,878</b>	<b>1,664,676</b>	<b>1,717,468</b>	<b>1,647,925</b>	<b>1,673,817</b>
Repressuring .....	9,615	10,131	10,456	10,032	9,781
Nonhydrocarbon Gases Removed.....	3,282	<sup>a</sup> 97,759	145,594	134,122	149,650
Wet After Lease Separation.....	1,627,982	1,556,787	1,561,419	1,503,771	1,514,386
Vented and Flared.....	2,144	2,700	2,786	2,673	2,715
Marketed Production .....	1,625,837	1,554,087	1,558,633	1,501,098	1,511,671
Extraction Loss.....	85,668	108,341	109,046	106,665	107,850
<b>Total Dry Production.....</b>	<b>1,540,169</b>	<b>1,445,746</b>	<b>1,449,587</b>	<b>1,394,433</b>	<b>1,403,821</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	1,540,169	1,445,746	1,449,587	1,394,433	1,403,821
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	343,196	316,153	303,455	292,297	276,296
Withdrawals from Storage					
Underground Storage.....	16,986	17,290	15,001	10,342	15,170
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	-199,959	-93,135	-64,224	18,363	1,046
<b>Total Supply.....</b>	<b>1,700,392</b>	<b>1,686,053</b>	<b>1,703,819</b>	<b>1,715,435</b>	<b>1,696,332</b>

See footnotes at end of table.

Table 72. Summary Statistics for Natural Gas — New Mexico, 1995-1999 (Continued)

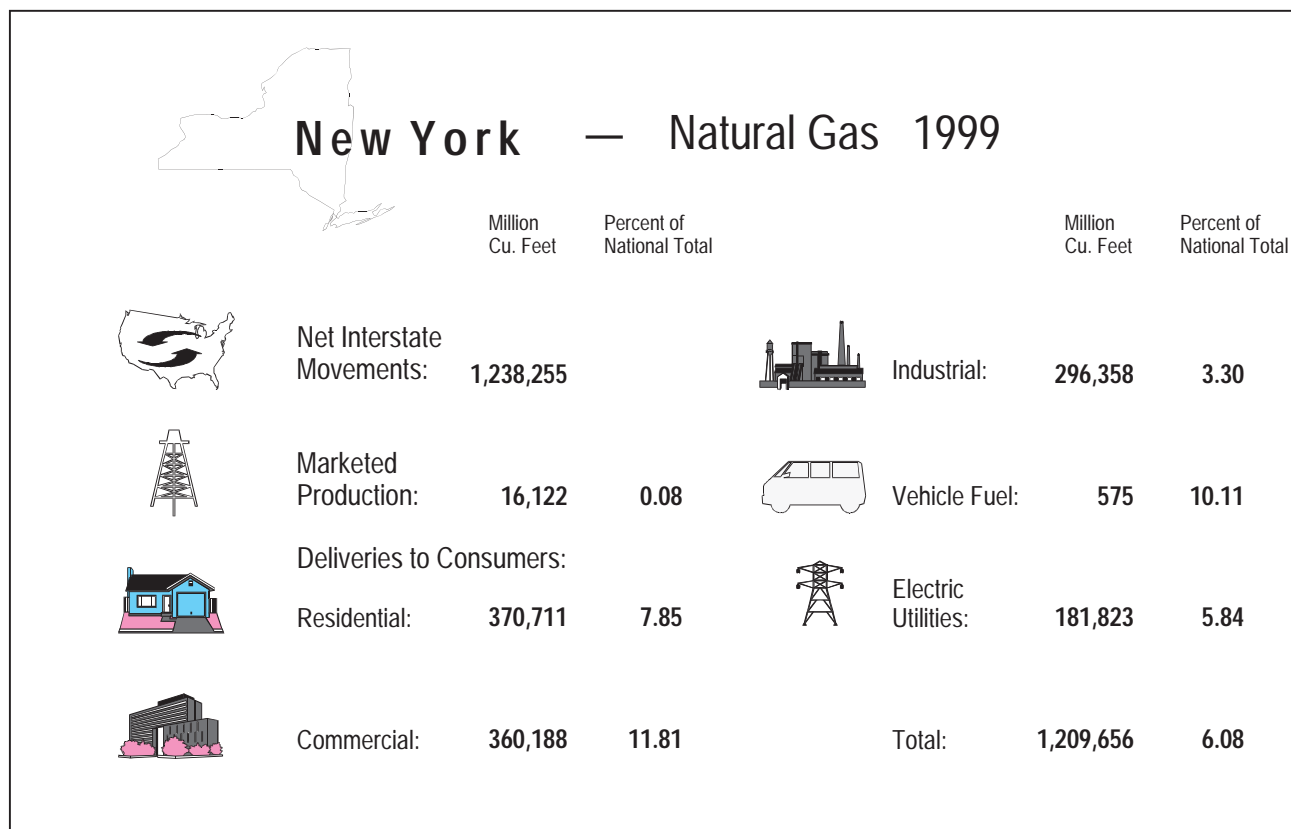
	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	215,147	221,736	249,665	239,432	229,483
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	1,470,532	1,452,364	1,441,218	1,459,182	1,449,390
Additions to Storage					
Underground Storage.....	14,712	11,953	12,936	16,821	17,459
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>1,700,392</b>	<b>1,686,053</b>	<b>1,703,819</b>	<b>1,715,435</b>	<b>1,696,332</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	16,134	17,901	18,476	17,728	16,738
Pipeline Fuel.....	56,762	26,926	61,772	52,424	48,570
Plant Fuel .....	36,455	63,850	45,982	41,926	39,345
Delivered to Consumers					
Residential.....	28,770	33,689	36,623	35,877	35,548
Commercial .....	23,934	26,466	27,403	27,206	27,356
Industrial.....	21,095	22,858	25,875	25,048	26,176
Vehicle Fuel.....	73	77	158	189	168
Electric Utilities .....	31,924	29,969	33,375	39,034	35,581
<b>Total Delivered to Consumers .....</b>	<b>105,796</b>	<b>113,059</b>	<b>123,435</b>	<b>127,354</b>	<b>124,829</b>
<b>Total Consumption.....</b>	<b>215,147</b>	<b>221,736</b>	<b>249,665</b>	<b>239,432</b>	<b>229,483</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	10	2
Commercial .....	9,520	9,351	7,959	8,981	10,287
Industrial.....	19,596	22,049	23,412	22,603	21,598
Electric Utilities .....	25,751	13,618	13,635	14,198	33,662
<b>Number of Consumers</b>					
Residential.....	421,896	428,621	443,167	454,065	473,375
Commercial .....	38,099	37,796	38,918	42,067	43,835
Industrial.....	1,065	1,365	1,366	1,549	1,482
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	628	700	704	647	624
Industrial.....	19,808	16,746	18,942	16,170	17,663
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.26	1.67	1.76	1.76	2.11
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.13	1.59	1.94	1.89	1.03
City Gate .....	1.46	1.99	2.53	2.08	2.24
Delivered to Consumers					
Residential.....	5.04	4.47	5.87	5.22	5.03
Commercial .....	3.74	3.35	4.41	4.04	3.78
Industrial.....	2.83	2.90	3.18	3.22	2.72
Vehicle Fuel.....	3.86	4.78	4.67	3.92	4.23
Electric Utilities .....	1.57	2.31	2.64	2.22	2.31

<sup>a</sup> Nonhydrocarbon gases removed increased significantly in 1996 due to production increases in the Bravo Dome.

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

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**Table 73. Summary Statistics for Natural Gas — New York, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	6,134	6,208	5,731	5,903	6,422
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	17,677	17,494	15,525	16,413	16,016
From Oil Wells.....	723	641	669	291	111
<b>Total.....</b>	<b>18,400</b>	<b>18,134</b>	<b>16,193</b>	<b>16,704</b>	<b>16,127</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	18,400	18,134	16,193	16,704	16,127
Vented and Flared.....	0	3	5	5	5
Marketed Production .....	18,400	18,131	16,188	16,699	16,122
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>18,400</b>	<b>18,131</b>	<b>16,188</b>	<b>16,699</b>	<b>16,122</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	18,400	18,131	16,188	16,699	16,122
Receipts at State Borders					
Imports .....	630,321	652,578	656,332	666,256	754,484
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,376,638	1,194,754	1,196,768	1,042,286	1,173,917
Withdrawals from Storage					
Underground Storage.....	75,692	63,108	67,438	52,642	65,267
LNG Storage .....	886	1,262	760	260	454
Supplemental Gas Supplies.....	1,490	1,259	881	699	459
Balancing Item.....	-15,053	76,323	105,450	114,859	-44,292
<b>Total Supply.....</b>	<b>2,088,373</b>	<b>2,007,416</b>	<b>2,043,817</b>	<b>1,893,702</b>	<b>1,966,410</b>

See footnotes at end of table.

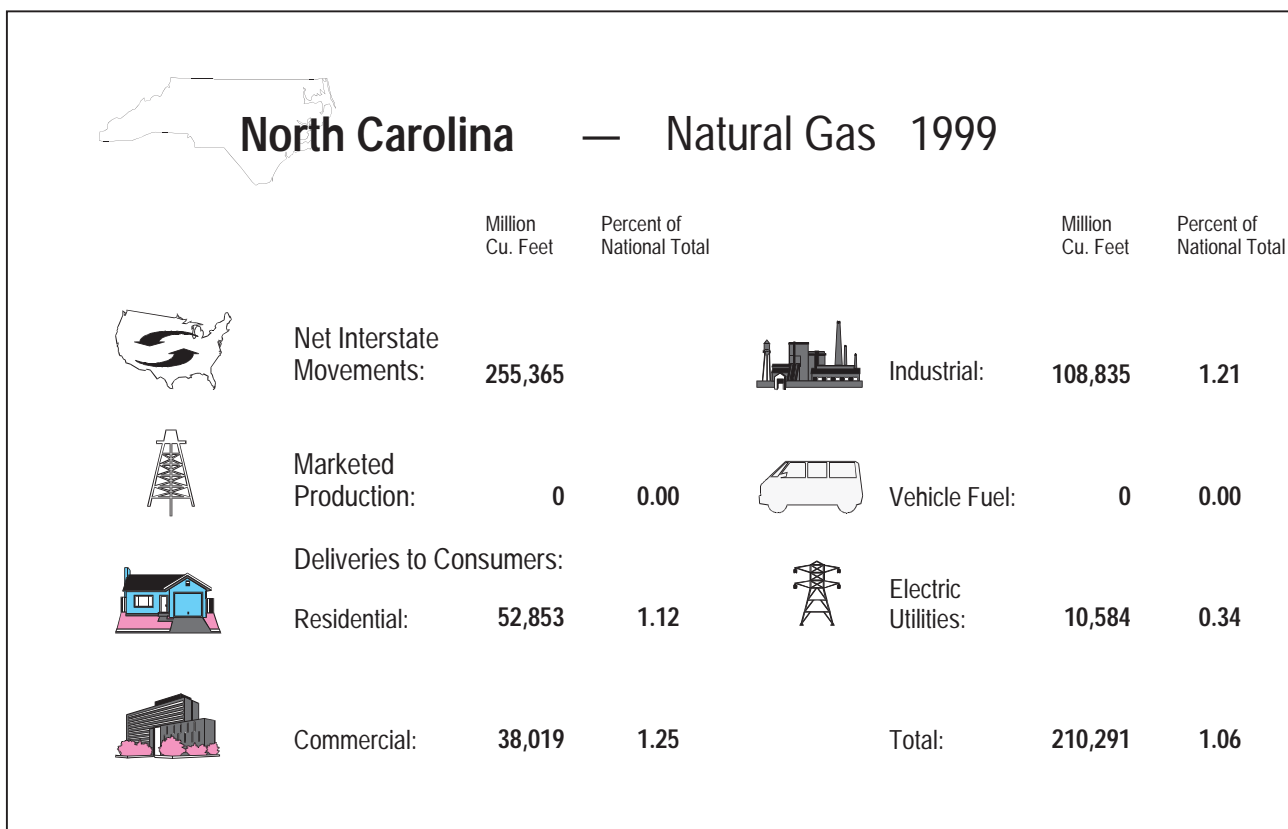
Table 73. Summary Statistics for Natural Gas — New York, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	1,140,488	1,130,516	1,228,368	1,143,203	1,218,172
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	886,014	798,572	746,689	686,882	690,146
Additions to Storage					
Underground Storage .....	60,947	76,475	67,135	63,298	57,442
LNG Storage .....	926	1,853	1,625	318	651
<b>Total Disposition .....</b>	<b>2,088,373</b>	<b>2,007,416</b>	<b>2,043,817</b>	<b>1,893,702</b>	<b>1,966,410</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	1,074	939	778	636	701
Pipeline Fuel .....	8,088	7,835	7,477	7,317	7,815
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	375,005	403,264	375,641	339,512	370,711
Commercial .....	231,352	253,075	320,862	335,343	360,188
Industrial .....	278,576	322,661	305,521	251,591	296,358
Vehicle Fuel .....	127	54	584	457	575
Electric Utilities .....	246,265	142,688	217,504	208,348	181,823
<b>Total Delivered to Consumers .....</b>	<b>1,131,325</b>	<b>1,121,742</b>	<b>1,220,113</b>	<b>1,135,250</b>	<b>1,209,656</b>
<b>Total Consumption .....</b>	<b>1,140,488</b>	<b>1,130,516</b>	<b>1,228,368</b>	<b>1,143,203</b>	<b>1,218,172</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	3,019	3,840	4,525	15,356	30,012
Commercial .....	55,135	58,135	113,408	157,319	154,004
Industrial .....	240,506	291,057	279,409	236,657	281,815
Electric Utilities .....	24,175	4,804	16,513	4,978	11,981
<b>Number of Consumers</b>					
Residential .....	4,030,702	4,048,166	4,077,385	4,117,307	4,150,731
Commercial .....	308,760	315,855	314,613	348,694	352,026
Industrial .....	22,484	15,300	23,109	6,268	6,164
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	749	801	1,020	962	1,023
Industrial .....	12,390	21,089	13,221	40,139	48,079
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	2.30	—	2.56	2.56	2.16
Imports .....	2.30	2.94	2.90	2.55	2.61
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.52	2.23	1.89	1.38	1.31
City Gate .....	2.47	3.36	4.20	2.65	2.92
Delivered to Consumers					
Residential .....	8.42	8.90	9.73	9.59	9.12
Commercial .....	6.10	6.88	6.50	6.08	5.15
Industrial .....	4.69	5.04	5.05	4.02	3.89
Vehicle Fuel .....	2.13	5.47	4.14	6.66	5.14
Electric Utilities .....	2.13	2.96	2.88	2.57	2.85

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 74. Summary Statistics for Natural Gas — North Carolina, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	913,692	970,866	976,910	962,544	1,073,958
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	1,710	2,490	1,686	1,083	2,089
Supplemental Gas Supplies.....	0	0	0	0	21
Balancing Item.....	-15,104	-13,425	-24,877	-27,982	-32,546
<b>Total Supply.....</b>	<b>900,298</b>	<b>959,931</b>	<b>953,719</b>	<b>935,645</b>	<b>1,043,522</b>

See footnotes at end of table.



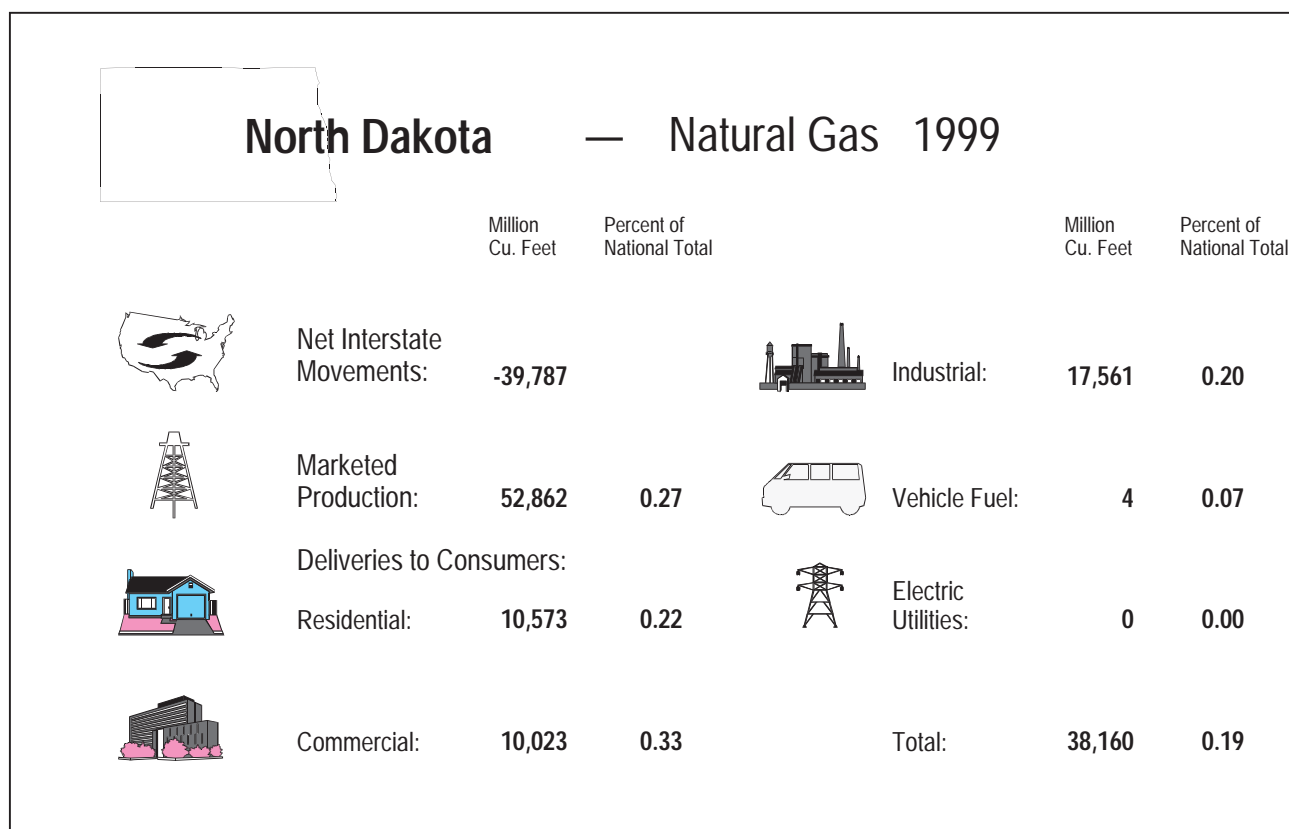
**Table 74. Summary Statistics for Natural Gas — North Carolina, 1995-1999 (Continued)**

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	202,726	213,155	214,206	212,795	220,844
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	696,000	744,068	737,497	721,564	818,593
Additions to Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage .....	1,572	2,708	2,016	1,286	4,086
<b>Total Disposition .....</b>	<b>900,298</b>	<b>959,931</b>	<b>953,719</b>	<b>935,645</b>	<b>1,043,522</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	0	0	0	0	0
Pipeline Fuel .....	6,100	7,372	7,265	6,666	10,553
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	49,379	58,812	52,894	50,786	52,853
Commercial .....	37,362	40,467	38,021	36,427	38,019
Industrial .....	106,731	104,124	111,513	106,497	108,835
Vehicle Fuel .....	9	0	0	0	0
Electric Utilities .....	3,146	2,381	4,512	12,418	10,584
<b>Total Delivered to Consumers .....</b>	<b>196,626</b>	<b>205,783</b>	<b>206,940</b>	<b>206,129</b>	<b>210,291</b>
<b>Total Consumption .....</b>	<b>202,726</b>	<b>213,155</b>	<b>214,206</b>	<b>212,795</b>	<b>220,844</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	0	0
Commercial .....	2,831	1,409	2,141	3,418	2,374
Industrial .....	56,707	42,287	60,729	72,282	56,091
Electric Utilities .....	967	578	1,012	1,884	1,139
<b>Number of Consumers</b>					
Residential .....	678,147	699,159	740,013	777,805	815,908
Commercial .....	84,041	93,504	97,629	100,251	104,294
Industrial .....	3,652	3,973	5,375	6,228	5,676
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	445	433	389	363	365
Industrial .....	29,225	26,208	20,747	17,100	19,175
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.77	2.43	3.23	2.61	2.25
City Gate .....	2.95	3.74	3.97	3.49	3.33
Delivered to Consumers					
Residential .....	6.93	7.59	8.98	8.69	8.33
Commercial .....	5.24	6.18	7.00	6.63	6.22
Industrial .....	3.56	4.37	4.66	3.96	3.78
Vehicle Fuel .....	4.27	—	—	—	—
Electric Utilities .....	2.40	3.11	3.22	2.81	2.92

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 75. Summary Statistics for Natural Gas — North Dakota, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	99	108	104	99	96
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	16,914	16,810	18,186	18,220	15,813
From Oil Wells.....	39,760	38,906	38,107	39,394	39,820
<b>Total.....</b>	<b>56,674</b>	<b>55,716</b>	<b>56,292</b>	<b>57,614</b>	<b>55,633</b>
Repressuring .....	2,813	2,727	<sup>a</sup> 196	0	0
Nonhydrocarbon Gases Removed.....	93	358	161	57	78
Wet After Lease Separation.....	53,768	52,631	55,935	57,556	55,555
Vented and Flared.....	4,300	2,957	3,534	4,371	2,693
Marketed Production .....	49,468	49,674	52,401	53,185	52,862
Extraction Loss.....	5,327	4,937	5,076	5,481	5,804
<b>Total Dry Production.....</b>	<b>44,141</b>	<b>44,737</b>	<b>47,325</b>	<b>47,704</b>	<b>47,058</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	44,141	44,737	47,325	47,704	47,058
Receipts at State Borders					
Imports .....	4,559	6,110	7,672	9,268	3,416
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	574,766	598,044	596,337	578,285	808,102
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	57,393	55,867	53,179	54,672	53,185
Balancing Item.....	869	-2,037	-5,464	-13,381	-4,084
<b>Total Supply.....</b>	<b>681,729</b>	<b>702,720</b>	<b>699,049</b>	<b>676,548</b>	<b>907,678</b>

See footnotes at end of table.

**Table 75. Summary Statistics for Natural Gas — North Dakota, 1995-1999 (Continued)**

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	45,378	49,030	56,143	49,504	56,373
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	636,351	653,690	642,906	627,044	851,305
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>681,729</b>	<b>702,720</b>	<b>699,049</b>	<b>676,548</b>	<b>907,678</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	6,800	7,320	4,152	3,838	4,153
Pipeline Fuel.....	4,665	4,757	4,744	413	9,506
Plant Fuel.....	4,542	4,283	4,420	4,471	4,553
Delivered to Consumers					
Residential.....	11,209	12,591	11,370	10,092	10,573
Commercial .....	11,644	12,150	10,870	10,082	10,023
Industrial.....	6,505	7,911	20,580	20,606	17,561
Vehicle Fuel.....	12	15	5	3	4
Electric Utilities.....	1	3	1	0	0
<b>Total Delivered to Consumers .....</b>	<b>29,371</b>	<b>32,670</b>	<b>42,826</b>	<b>40,782</b>	<b>38,160</b>
<b>Total Consumption.....</b>	<b>45,378</b>	<b>49,030</b>	<b>56,143</b>	<b>49,504</b>	<b>56,373</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	2,224	1,454	1,207	1,631	1,178
Industrial.....	5,319	5,813	16,783	17,594	14,938
Electric Utilities.....	0	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	95,818	97,761	98,326	101,930	104,051
Commercial .....	13,399	13,789	14,099	14,422	15,050
Industrial.....	189	206	216	404	226
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	869	881	771	699	666
Industrial.....	34,418	38,401	95,276	51,004	77,704
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	2.16	2.14	2.32
Imports .....	0.97	1.26	1.67	1.71	1.88
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.01	1.70	2.07	1.77	2.12
City Gate .....	2.58	2.94	3.38	2.81	3.07
Delivered to Consumers					
Residential.....	4.66	4.54	4.99	5.16	5.32
Commercial .....	3.90	3.91	4.35	4.37	4.51
Industrial.....	2.90	3.02	3.05	2.82	2.80
Vehicle Fuel.....	2.71	1.54	3.92	4.01	4.50
Electric Utilities.....	3.71	2.93	3.43	—	—

<sup>a</sup> Ceased injections.  
 — = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

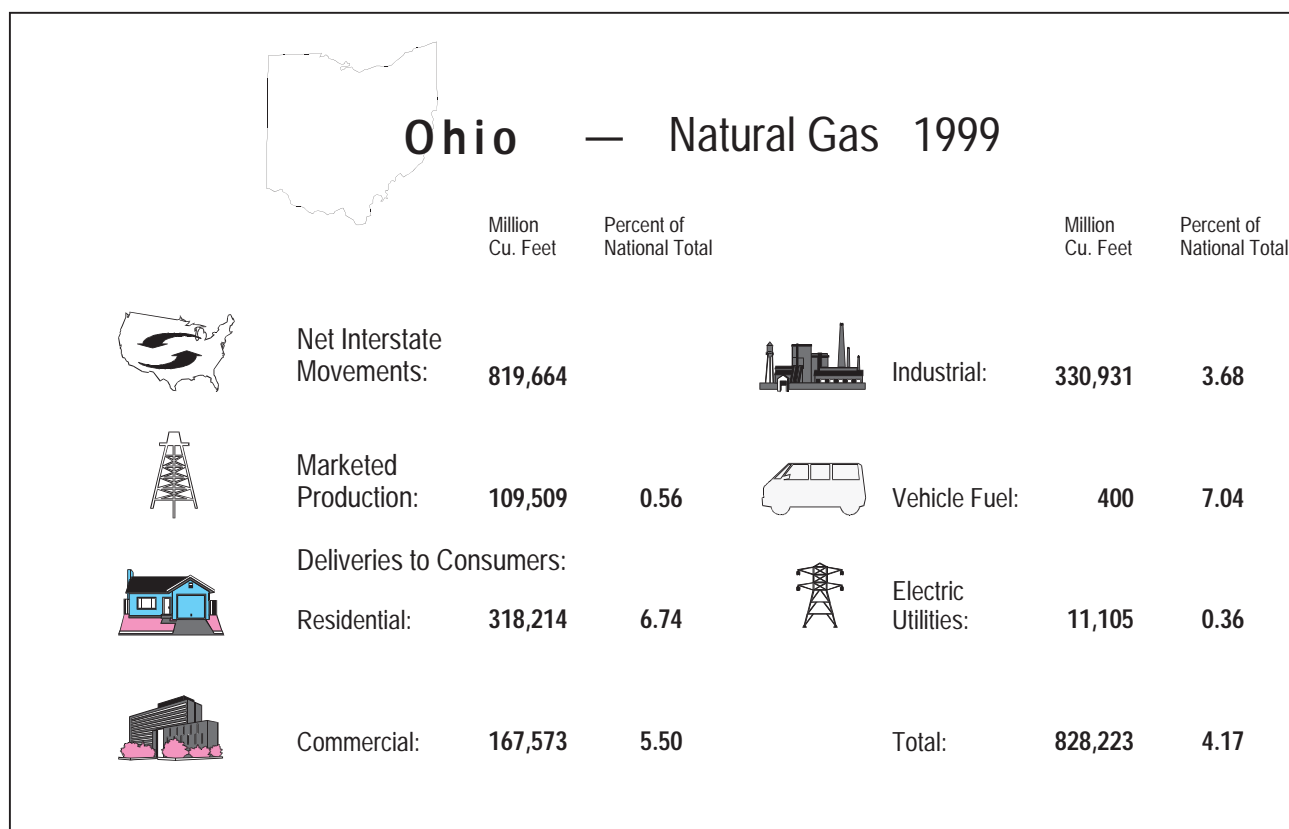


Table 76. Summary Statistics for Natural Gas — Ohio, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	34,520	34,380	34,238	34,098	33,982
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	126,336	119,251	116,246	108,542	103,541
From Oil Wells.....	0	0	0	<sup>R</sup> 6,541	5,968
<b>Total.....</b>	<b>126,336</b>	<b>119,251</b>	<b>116,246</b>	<b><sup>R</sup>115,083</b>	<b>109,509</b>
Repressuring .....	NA	NA	NA	NA	NA
Nonhydrocarbon Gases Removed.....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	126,336	119,251	116,246	<sup>R</sup> 115,083	109,509
Vented and Flared.....	NA	NA	NA	NA	NA
Marketed Production .....	126,336	119,251	116,246	<sup>R</sup> 115,083	109,509
Extraction Loss.....	94	85	83	78	78
<b>Total Dry Production.....</b>	<b>126,242</b>	<b>119,166</b>	<b>116,163</b>	<b><sup>R</sup>115,005</b>	<b>109,431</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	126,242	119,166	116,163	<sup>R</sup> 115,005	109,431
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	2,817,908	2,997,400	2,662,578	2,108,289	2,213,648
Withdrawals from Storage					
Underground Storage.....	200,211	187,798	192,991	165,159	198,161
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	904	1,828	1,423	1,194	1,200
Balancing Item.....	-112,044	-241,361	-38,239	<sup>R</sup> -43,233	-99,573
<b>Total Supply.....</b>	<b>3,033,222</b>	<b>3,064,832</b>	<b>2,934,916</b>	<b>2,346,414</b>	<b>2,422,867</b>

See footnotes at end of table.

Table 76. Summary Statistics for Natural Gas — Ohio, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	896,072	936,430	898,778	813,022	846,741
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	1,975,801	1,929,760	1,835,811	1,341,561	1,393,984
Additions to Storage					
Underground Storage .....	161,350	198,642	200,327	191,831	182,142
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>3,033,222</b>	<b>3,064,832</b>	<b>2,934,916</b>	<b>2,346,414</b>	<b>2,422,867</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	1,251	1,193	1,162	1,085	1,035
Pipeline Fuel .....	17,677	20,166	19,453	17,641	17,441
Plant Fuel .....	32	37	39	40	42
Delivered to Consumers					
Residential .....	357,754	374,824	354,543	296,576	318,214
Commercial .....	175,160	189,966	183,838	156,630	167,573
Industrial .....	336,552	347,149	335,993	332,955	330,931
Vehicle Fuel .....	187	229	264	432	400
Electric Utilities .....	7,459	2,867	3,486	7,663	11,105
<b>Total Delivered to Consumers .....</b>	<b>877,112</b>	<b>915,035</b>	<b>878,124</b>	<b>794,255</b>	<b>828,223</b>
<b>Total Consumption .....</b>	<b>896,072</b>	<b>936,430</b>	<b>898,778</b>	<b>813,022</b>	<b>846,741</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	3,477	17,184	48,252
Commercial .....	41,569	53,609	63,352	70,543	89,746
Industrial .....	312,067	321,733	316,813	318,793	317,732
Electric Utilities .....	4,647	2,303	3,414	6,982	6,333
<b>Number of Consumers</b>					
Residential .....	2,967,375	2,994,891	3,041,948	3,050,960	3,111,108
Commercial .....	250,223	259,663	254,991	258,076	266,102
Industrial .....	8,650	8,672	7,780	8,114	8,137
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	700	732	721	607	630
Industrial .....	38,908	40,031	43,187	41,035	40,670
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	2.33	2.63	2.70	R2.95	3.16
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	2.03	2.88	2.80	3.20	2.63
City Gate .....	3.84	4.37	5.18	4.70	4.83
Delivered to Consumers					
Residential .....	5.46	5.90	6.75	6.43	6.24
Commercial .....	4.92	5.38	6.23	5.83	5.59
Industrial .....	3.93	4.10	4.93	4.39	3.94
Vehicle Fuel .....	4.44	4.77	6.24	5.90	3.26
Electric Utilities .....	2.34	3.44	3.72	3.24	3.15

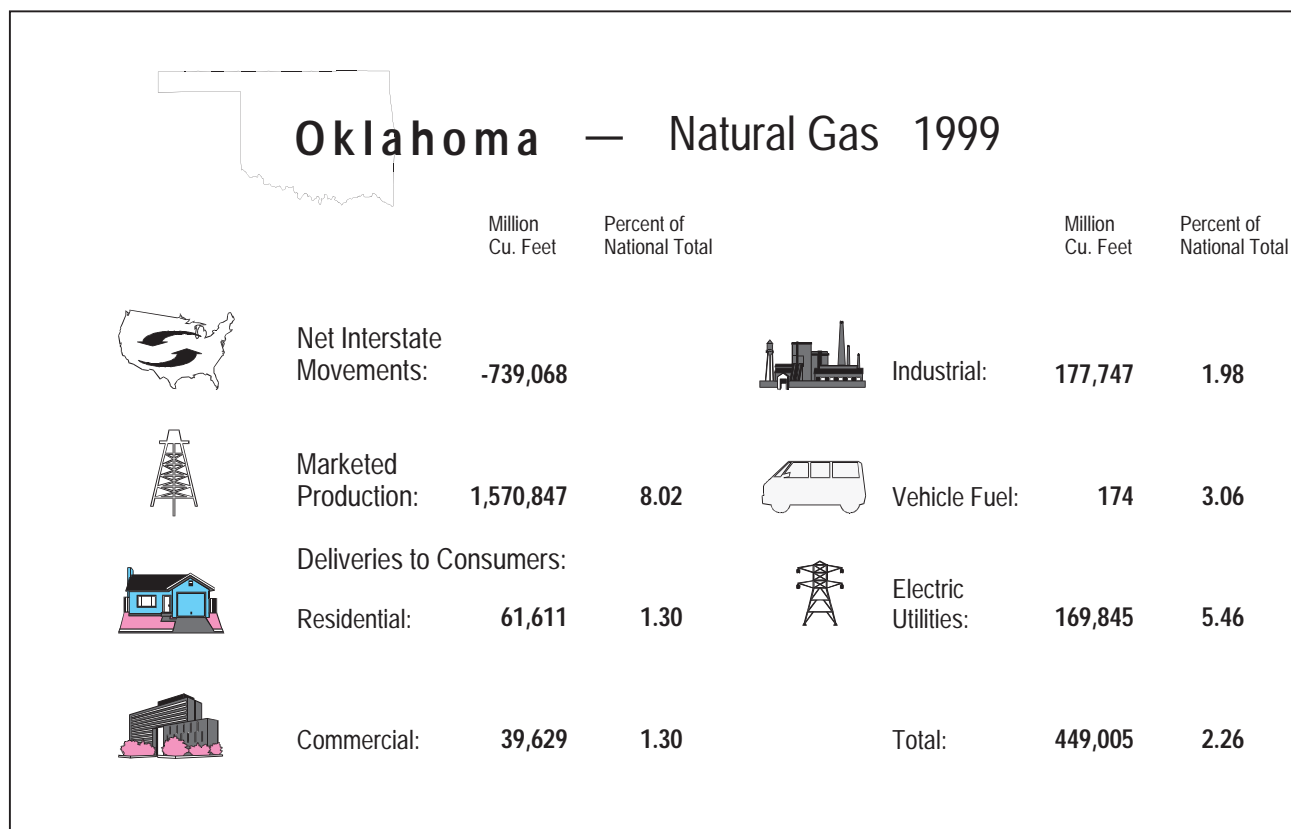
R = Revised data.

NA = Not available.

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 77. Summary Statistics for Natural Gas — Oklahoma, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	29,733	29,733	29,734	30,101	30,978
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	1,521,857	1,467,695	1,450,118	1,426,864	1,406,917
From Oil Wells.....	289,877	267,192	253,770	217,666	163,930
<b>Total.....</b>	<b>1,811,734</b>	<b>1,734,887</b>	<b>1,703,888</b>	<b>1,644,531</b>	<b>1,570,847</b>
Repressuring .....	NA	NA	NA	NA	NA
Nonhydrocarbon Gases Removed.....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	1,811,734	1,734,887	1,703,888	1,644,531	1,570,847
Vented and Flared.....	NA	NA	NA	NA	NA
Marketed Production .....	1,811,734	1,734,887	1,703,888	1,644,531	1,570,847
Extraction Loss.....	94,930	100,379	96,830	92,785	88,195
<b>Total Dry Production.....</b>	<b>1,716,804</b>	<b>1,634,508</b>	<b>1,607,058</b>	<b>1,551,746</b>	<b>1,482,652</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	1,716,804	1,634,508	1,607,058	1,551,746	1,482,652
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	810,112	848,589	827,475	657,304	630,269
Withdrawals from Storage					
Underground Storage.....	114,073	140,028	123,008	117,623	114,609
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	-105,683	-10,233	-49,329	-53,520	-206,121
<b>Total Supply.....</b>	<b>2,535,307</b>	<b>2,612,891</b>	<b>2,508,212</b>	<b>2,273,153</b>	<b>2,021,410</b>

See footnotes at end of table.

Table 77. Summary Statistics for Natural Gas — Oklahoma, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	568,153	566,995	560,095	568,902	530,761
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	1,872,345	1,928,829	1,815,627	1,538,619	1,369,337
Additions to Storage					
Underground Storage.....	94,809	117,067	132,489	165,631	121,312
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>2,535,307</b>	<b>2,612,891</b>	<b>2,508,212</b>	<b>2,273,153</b>	<b>2,021,410</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	45,946	37,803	51,042	35,509	32,868
Pipeline Fuel.....	30,633	33,583	26,130	24,242	23,833
Plant Fuel.....	34,900	35,236	30,370	26,034	25,055
Delivered to Consumers					
Residential.....	68,702	76,629	71,762	66,521	61,611
Commercial .....	39,639	46,152	45,086	43,800	39,629
Industrial.....	194,101	201,024	206,777	198,110	177,747
Vehicle Fuel.....	117	133	110	109	174
Electric Utilities.....	154,114	136,436	128,818	174,577	169,845
<b>Total Delivered to Consumers .....</b>	<b>456,674</b>	<b>460,373</b>	<b>452,553</b>	<b>483,117</b>	<b>449,005</b>
<b>Total Consumption.....</b>	<b>568,153</b>	<b>566,995</b>	<b>560,095</b>	<b>568,902</b>	<b>530,761</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	24
Commercial .....	5,894	7,165	8,204	11,752	11,282
Industrial.....	164,610	187,816	197,058	190,910	170,845
Electric Utilities.....	138,365	125,825	112,592	114,556	112,257
<b>Number of Consumers</b>					
Residential.....	856,604	866,531	872,454	877,236	867,922
Commercial .....	88,358	89,852	90,284	89,711	80,988
Industrial.....	2,845	2,843	2,569	3,330	3,059
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	449	514	499	488	489
Industrial.....	68,225	70,708	80,489	59,492	58,106
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.44	2.21	2.32	1.77	2.05
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.36	2.12	2.34	1.90	2.04
City Gate .....	2.52	2.56	3.12	2.55	2.84
Delivered to Consumers					
Residential.....	5.56	5.64	6.23	5.93	5.97
Commercial .....	4.48	4.71	5.35	5.06	5.11
Industrial.....	2.27	3.26	4.16	3.66	3.52
Vehicle Fuel.....	2.36	2.36	2.46	2.49	1.72
Electric Utilities.....	2.34	2.98	2.97	2.48	2.79

NA = Not available.

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

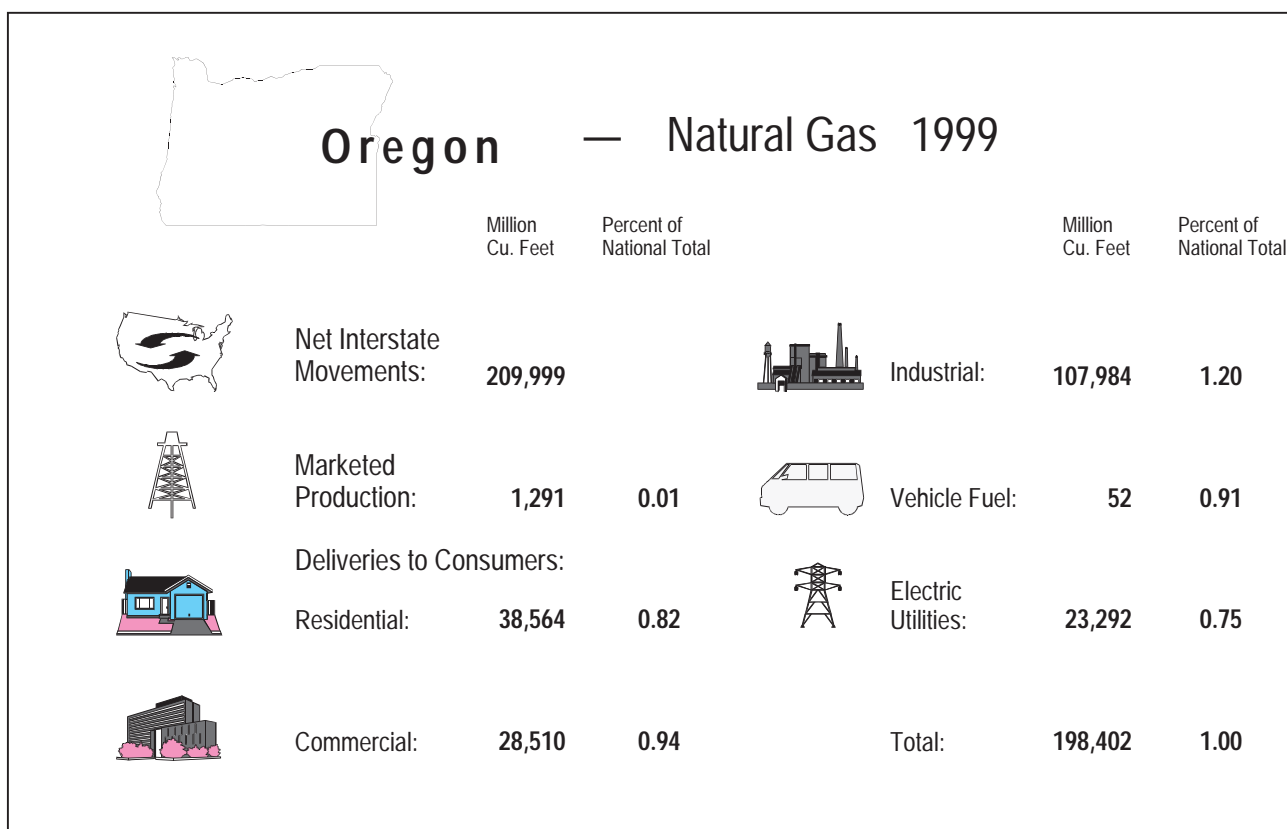


Table 78. Summary Statistics for Natural Gas — Oregon, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	17	18	17	15	19
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	2,520	1,743	1,382	1,263	1,555
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>2,520</b>	<b>1,743</b>	<b>1,382</b>	<b>1,263</b>	<b>1,555</b>
Repressuring .....	43	39	43	44	50
Nonhydrocarbon Gases Removed.....	554	265	166	152	214
Wet After Lease Separation.....	1,923	1,439	1,173	1,067	1,291
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	1,923	1,439	1,173	1,067	1,291
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>1,923</b>	<b>1,439</b>	<b>1,173</b>	<b>1,067</b>	<b>1,291</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	1,923	1,439	1,173	1,067	1,291
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	882,385	906,506	954,325	957,810	838,607
Withdrawals from Storage					
Underground Storage.....	3,567	5,199	4,943	4,395	7,017
LNG Storage .....	675	939	841	1,014	468
Supplemental Gas Supplies.....	2	2	2	2	3
Balancing Item.....	4,075	-11,418	-9,398	-11,986	-1,987
<b>Total Supply.....</b>	<b>892,627</b>	<b>902,666</b>	<b>951,887</b>	<b>952,302</b>	<b>845,398</b>

See footnotes at end of table.



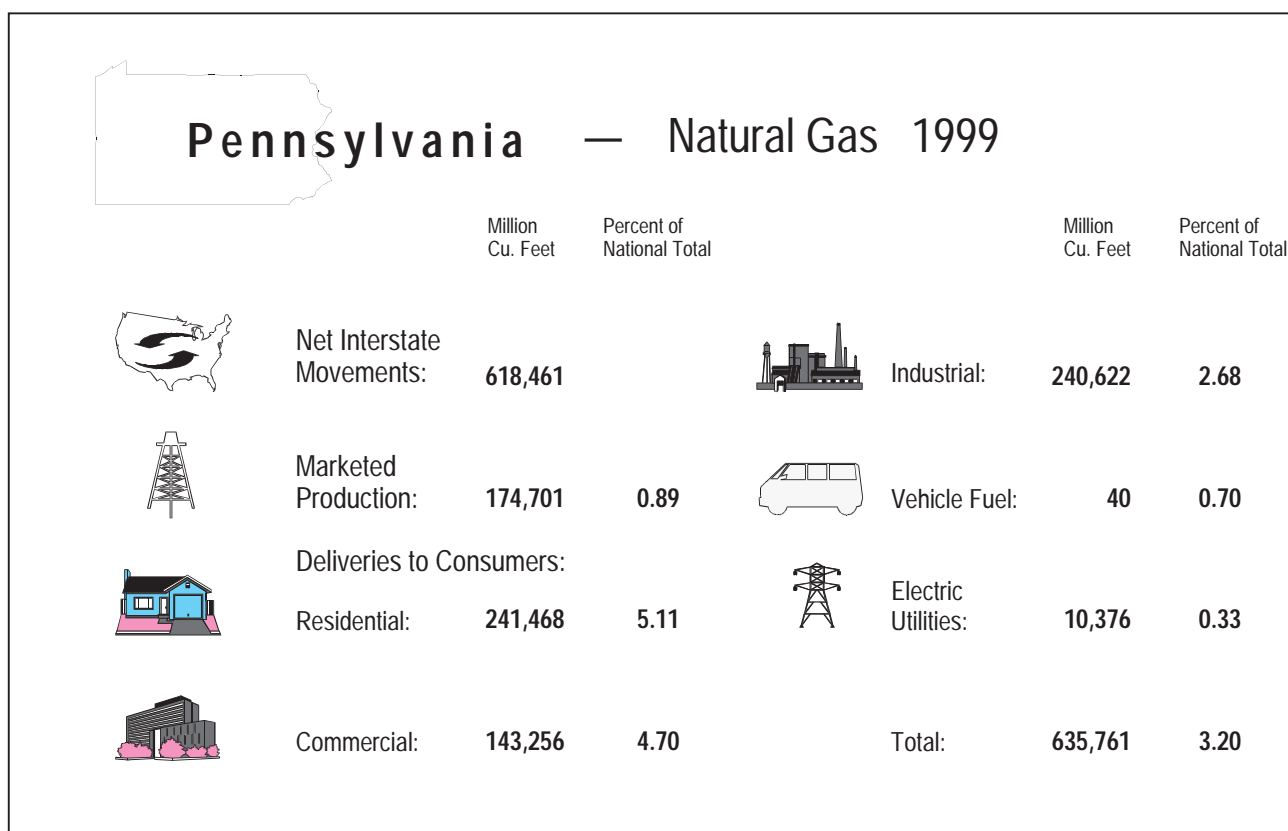
Table 78. Summary Statistics for Natural Gas — Oregon, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	145,867	168,605	171,586	205,439	208,644
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	741,523	728,952	773,152	740,433	628,608
Additions to Storage					
Underground Storage.....	4,447	4,416	6,259	5,673	7,605
LNG Storage .....	790	693	889	757	540
<b>Total Disposition .....</b>	<b>892,627</b>	<b>902,666</b>	<b>951,887</b>	<b>952,302</b>	<b>845,398</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	66	40	0	0	0
Pipeline Fuel.....	7,256	7,939	12,481	13,345	10,242
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	28,067	33,236	32,522	34,417	38,564
Commercial.....	22,419	25,597	25,465	25,986	28,510
Industrial.....	68,904	87,754	90,403	102,770	107,984
Vehicle Fuel.....	18	25	35	38	52
Electric Utilities.....	19,136	14,015	10,680	28,883	23,292
<b>Total Delivered to Consumers .....</b>	<b>138,545</b>	<b>160,626</b>	<b>159,105</b>	<b>192,094</b>	<b>198,402</b>
<b>Total Consumption.....</b>	<b>145,867</b>	<b>168,605</b>	<b>171,586</b>	<b>205,439</b>	<b>208,644</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	419	431	378	254	337
Industrial.....	51,352	71,942	75,666	88,092	93,293
Electric Utilities.....	19,136	13,127	10,446	28,065	19,558
<b>Number of Consumers</b>					
Residential.....	411,465	433,638	456,960	477,796	502,000
Commercial.....	55,409	57,613	60,419	63,085	65,034
Industrial.....	791	799	704	695	718
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial.....	405	444	421	412	438
Industrial.....	87,110	109,830	128,413	147,870	150,396
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	0.93	2.26	2.19	2.38	2.52
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.77	1.77	1.80	1.84	1.98
City Gate .....	2.42	2.42	2.58	2.73	2.93
Delivered to Consumers					
Residential.....	6.74	6.31	6.21	6.81	7.13
Commercial.....	5.23	4.85	4.63	5.25	5.66
Industrial.....	3.41	3.24	3.03	3.75	4.01
Vehicle Fuel.....	4.63	4.43	5.92	5.92	6.00
Electric Utilities.....	1.31	1.33	1.49	1.56	1.96

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 79. Summary Statistics for Natural Gas — Pennsylvania, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	31,025	31,792	32,692	21,576	23,822
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	111,000	135,000	80,000	R130,317	174,701
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>111,000</b>	<b>135,000</b>	<b>80,000</b>	<b>R130,317</b>	<b>174,701</b>
Repressuring .....	NA	NA	NA	NA	NA
Nonhydrocarbon Gases Removed.....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	111,000	135,000	80,000	R130,317	174,701
Vented and Flared.....	NA	NA	NA	NA	NA
Marketed Production .....	111,000	135,000	80,000	R130,317	174,701
Extraction Loss.....	582	603	734	732	879
<b>Total Dry Production.....</b>	<b>110,418</b>	<b>134,397</b>	<b>79,266</b>	<b>R129,585</b>	<b>173,822</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	110,418	134,397	79,266	R129,585	173,822
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	2,718,075	2,650,265	2,477,537	2,203,403	2,386,329
Withdrawals from Storage					
Underground Storage.....	396,393	316,757	341,168	288,109	342,238
LNG Storage .....	3,921	4,722	5,852	4,559	4,477
Supplemental Gas Supplies.....	75	266	135	80	119
Balancing Item.....	-188,486	-192,298	-104,240	R-79,916	-142,887
<b>Total Supply.....</b>	<b>3,040,396</b>	<b>2,914,109</b>	<b>2,799,718</b>	<b>2,545,820</b>	<b>2,764,098</b>

See footnotes at end of table.

Table 79. Summary Statistics for Natural Gas — Pennsylvania, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	721,433	727,963	693,666	621,456	672,043
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	1,982,831	1,804,267	1,788,650	1,591,154	1,767,868
Additions to Storage					
Underground Storage.....	332,608	376,290	312,787	328,118	319,041
LNG Storage .....	3,523	5,590	4,615	5,092	5,146
<b>Total Disposition .....</b>	<b>3,040,396</b>	<b>2,914,109</b>	<b>2,799,718</b>	<b>2,545,820</b>	<b>2,764,098</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	2,888	3,082	2,022	1,484	26
Pipeline Fuel.....	37,869	40,642	39,173	32,532	35,981
Plant Fuel .....	181	217	253	222	274
Delivered to Consumers					
Residential.....	262,126	278,606	262,494	217,929	241,468
Commercial.....	143,735	154,642	144,084	130,996	143,256
Industrial.....	249,928	243,499	238,220	231,362	240,622
Vehicle Fuel.....	10	35	50	40	40
Electric Utilities.....	24,697	7,239	7,370	6,890	10,376
<b>Total Delivered to Consumers .....</b>	<b>680,495</b>	<b>684,022</b>	<b>652,219</b>	<b>587,218</b>	<b>635,761</b>
<b>Total Consumption.....</b>	<b>721,433</b>	<b>727,963</b>	<b>693,666</b>	<b>621,456</b>	<b>672,043</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	211	245	5,062	16,617	27,254
Commercial.....	45,481	45,809	52,464	56,528	61,752
Industrial.....	209,372	198,545	204,331	201,211	213,306
Electric Utilities .....	24,181	5,056	5,493	7,084	10,235
<b>Number of Consumers</b>					
Residential.....	2,413,715	2,431,909	2,452,524	2,493,639	2,486,704
Commercial .....	209,245	214,340	215,057	216,519	223,732
Industrial.....	6,328	6,441	6,495	6,740	7,091
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	687	721	670	605	640
Industrial.....	39,496	37,805	36,677	34,327	33,933
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.84	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	2.00	2.71	2.72	2.08	2.00
City Gate .....	3.09	2.68	4.09	4.12	3.65
Delivered to Consumers					
Residential.....	7.16	7.38	8.33	8.45	8.30
Commercial.....	6.28	6.44	7.35	7.43	7.29
Industrial.....	3.90	4.12	4.61	4.15	3.99
Vehicle Fuel.....	7.24	4.14	5.00	5.02	5.93
Electric Utilities.....	2.04	2.85	3.02	3.26	3.03

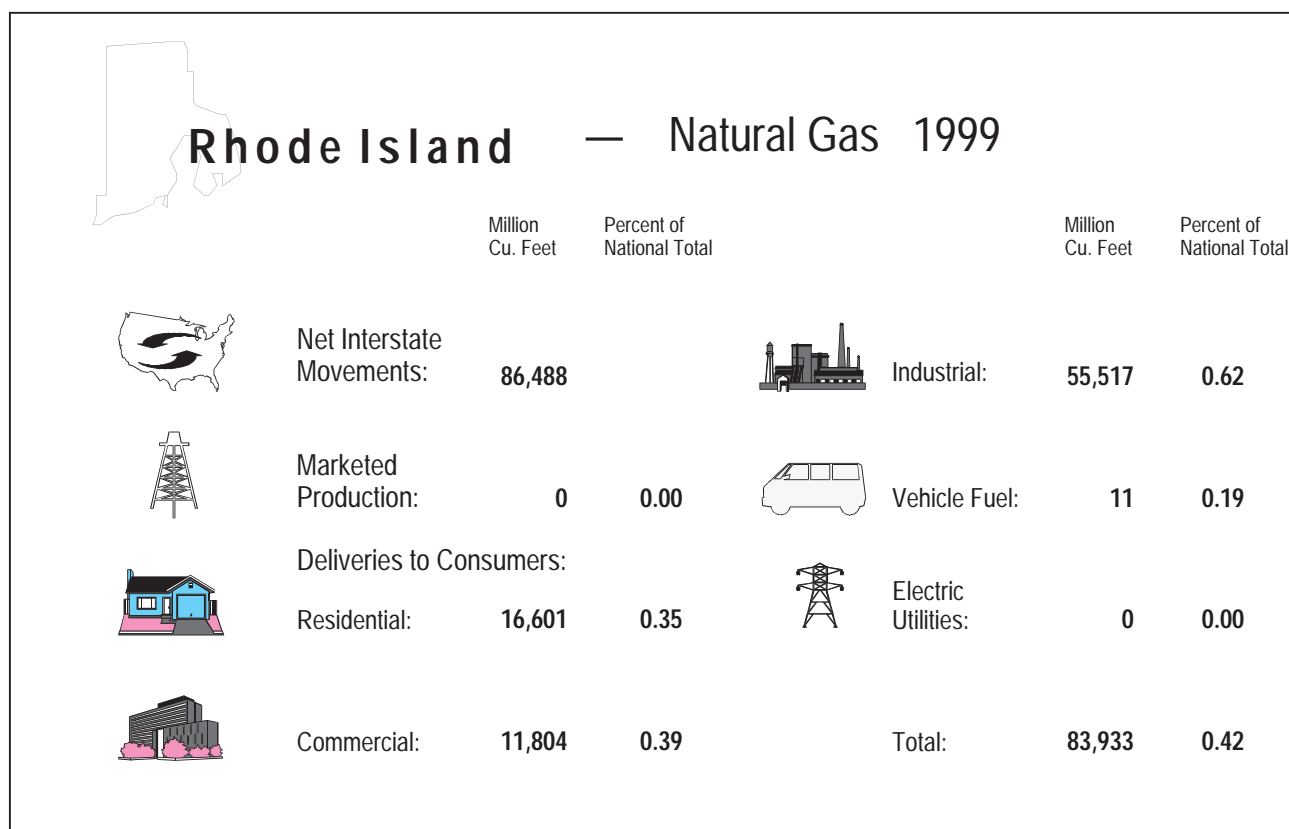
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NA = Not available.

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 80. Summary Statistics for Natural Gas — Rhode Island, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	251,800	243,047	221,909	201,303	170,823
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	908	1,603	1,533	851	139
Supplemental Gas Supplies.....	27	42	18	1	1
Balancing Item.....	-30,041	-24,660	-16,427	-9,810	-2,289
<b>Total Supply.....</b>	<b>222,694</b>	<b>220,031</b>	<b>207,033</b>	<b>192,345</b>	<b>168,674</b>

See footnotes at end of table.

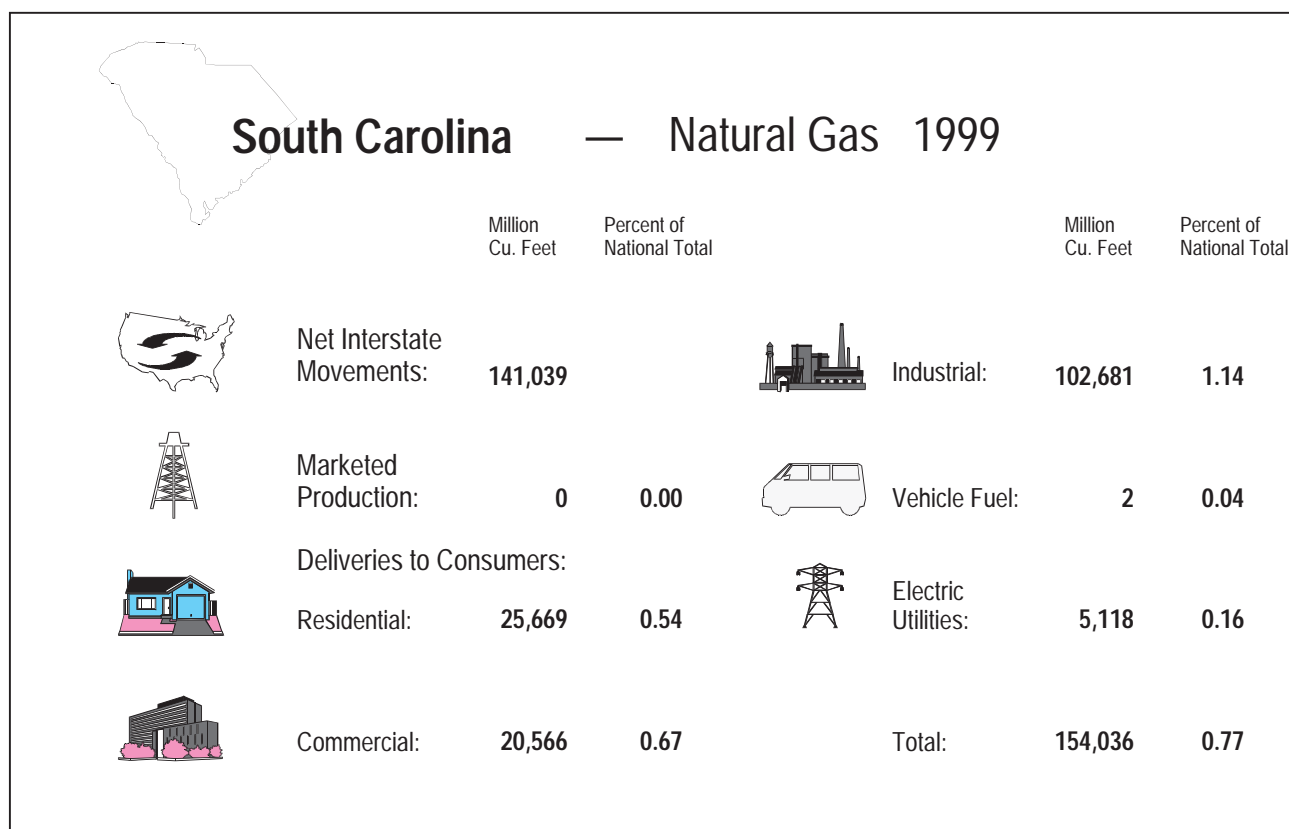
Table 80. Summary Statistics for Natural Gas — Rhode Island, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	70,137	82,725	82,936	86,147	84,176
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	151,700	136,456	123,040	106,096	84,335
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	857	850	1,056	102	162
<b>Total Disposition .....</b>	<b>222,694</b>	<b>220,031</b>	<b>207,033</b>	<b>192,345</b>	<b>168,674</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	617	685	837	336	243
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential.....	17,342	18,839	18,162	16,461	16,601
Commercial .....	12,064	12,298	12,303	11,477	11,804
Industrial.....	35,109	25,829	24,472	42,278	55,517
Vehicle Fuel.....	2	3	3	6	11
Electric Utilities.....	5,002	25,071	27,160	15,589	0
<b>Total Delivered to Consumers .....</b>	<b>69,520</b>	<b>82,041</b>	<b>82,100</b>	<b>85,811</b>	<b>83,933</b>
<b>Total Consumption.....</b>	<b>70,137</b>	<b>82,725</b>	<b>82,936</b>	<b>86,147</b>	<b>84,176</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	0	1,010	2,405	4,679	5,524
Industrial.....	31,211	21,472	20,203	39,163	53,260
Electric Utilities .....	0	25,046	27,298	22,984	0
<b>Number of Consumers</b>					
Residential.....	202,947	204,259	212,777	208,208	211,097
Commercial .....	21,472	21,664	21,862	22,136	22,254
Industrial.....	359	363	336	325	308
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	562	568	563	518	530
Industrial.....	97,798	71,156	72,834	130,086	180,249
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	2.21	3.35	3.15	3.00	2.53
City Gate .....	3.57	4.41	4.49	3.78	4.19
Delivered to Consumers					
Residential.....	8.02	8.49	9.61	9.56	9.53
Commercial .....	6.41	7.50	8.21	8.12	8.03
Industrial.....	4.09	4.67	4.33	3.82	4.40
Vehicle Fuel.....	5.85	3.34	5.27	5.15	4.83
Electric Utilities.....	1.90	2.29	3.35	3.38	—

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 81. Summary Statistics for Natural Gas — South Carolina, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,053,357	1,102,786	1,105,842	1,091,920	1,210,330
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	754	910	461	406	493
Supplemental Gas Supplies.....	62	178	10	0	18
Balancing Item.....	4,985	12,094	19,228	21,894	17,280
<b>Total Supply.....</b>	<b>1,059,158</b>	<b>1,115,967</b>	<b>1,125,542</b>	<b>1,114,220</b>	<b>1,228,120</b>

See footnotes at end of table.

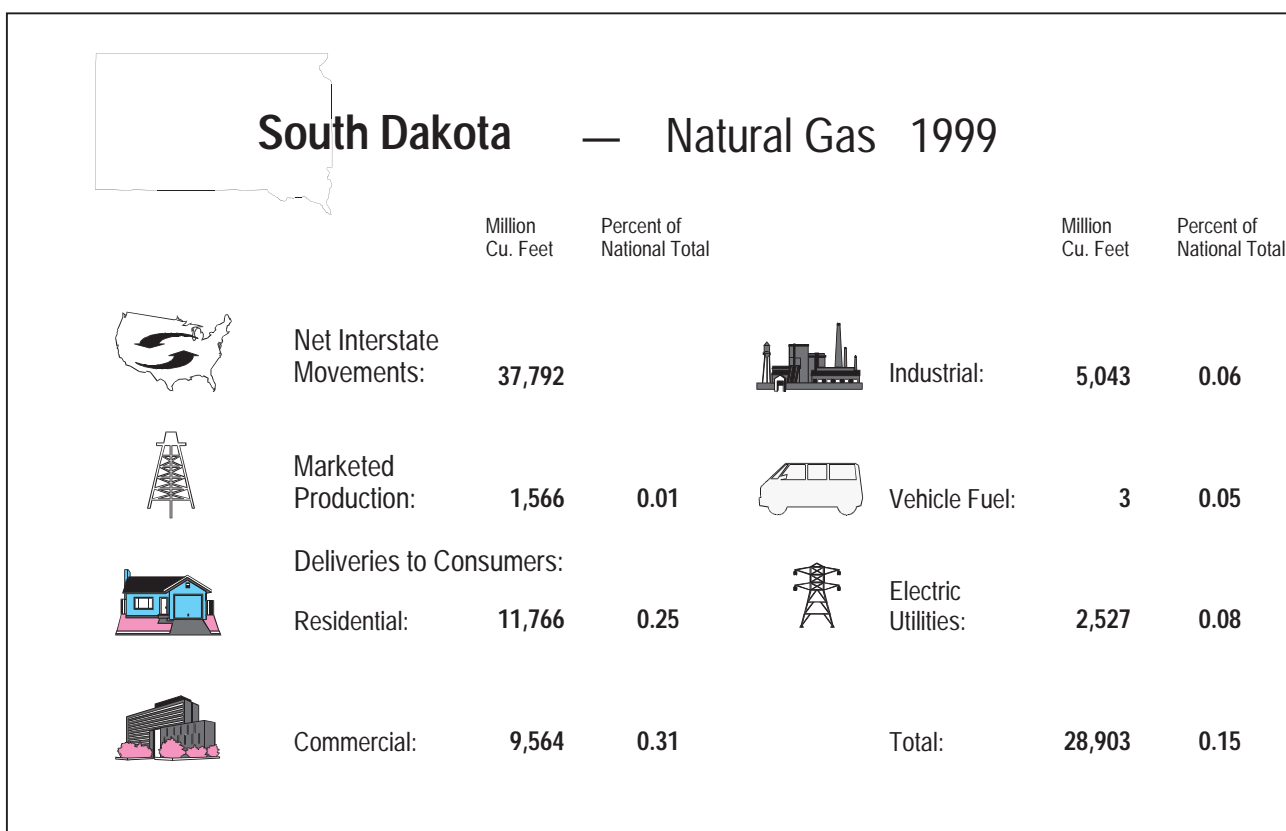
**Table 81. Summary Statistics for Natural Gas — South Carolina, 1995-1999 (Continued)**

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	151,915	149,572	153,902	156,639	157,625
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	906,316	965,420	971,634	957,525	1,069,291
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	927	976	6	56	1,204
<b>Total Disposition .....</b>	<b>1,059,158</b>	<b>1,115,967</b>	<b>1,125,542</b>	<b>1,114,220</b>	<b>1,228,120</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	2,934	3,138	2,940	3,163	3,589
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential.....	25,164	29,406	25,741	25,430	25,669
Commercial .....	18,868	20,328	19,560	19,828	20,566
Industrial.....	98,332	95,493	102,929	102,324	102,681
Vehicle Fuel.....	1	1	1	1	2
Electric Utilities .....	6,615	1,206	2,731	5,893	5,118
<b>Total Delivered to Consumers .....</b>	<b>148,980</b>	<b>146,434</b>	<b>150,962</b>	<b>153,476</b>	<b>154,036</b>
<b>Total Consumption.....</b>	<b>151,915</b>	<b>149,572</b>	<b>153,902</b>	<b>156,639</b>	<b>157,625</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	688	199	235	412	589
Industrial.....	18,336	13,562	13,525	13,602	14,235
Electric Utilities .....	0	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	412,259	426,088	443,093	460,141	473,799
Commercial .....	47,293	48,650	50,817	52,237	53,436
Industrial.....	1,802	1,759	1,764	1,728	1,769
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	399	418	385	380	385
Industrial.....	54,568	54,288	58,350	59,215	58,045
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.80	2.54	3.28	2.55	2.24
City Gate .....	3.25	3.90	3.81	3.39	3.46
Delivered to Consumers					
Residential.....	7.54	7.41	8.37	8.30	8.46
Commercial .....	6.09	6.26	6.74	6.48	6.54
Industrial.....	3.11	3.77	3.72	3.29	3.39
Vehicle Fuel.....	4.67	2.87	5.17	0.19	5.26
Electric Utilities .....	1.64	4.56	4.07	3.62	3.57

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. *Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 82. Summary Statistics for Natural Gas — South Dakota, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	56	61	60	59	60
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	848	905	687	772	702
From Oil Wells.....	7,526	8,061	9,107	8,480	8,637
<b>Total.....</b>	<b>8,374</b>	<b>8,965</b>	<b>9,795</b>	<b>9,252</b>	<b>9,340</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	6,557	6,106	6,219
Wet After Lease Separation.....	8,374	8,965	3,237	3,146	3,121
Vented and Flared.....	7,122	7,636	1,639	1,526	1,555
Marketed Production .....	1,252	1,329	1,598	1,620	1,566
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>1,252</b>	<b>1,329</b>	<b>1,598</b>	<b>1,620</b>	<b>1,566</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	1,252	1,329	1,598	1,620	1,566
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	638,002	656,552	648,098	633,863	866,666
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	143	0	53	74
Supplemental Gas Supplies.....	37	87	30	4	5
Balancing Item.....	-960	-980	-2,006	-3,987	-3,568
<b>Total Supply.....</b>	<b>638,331</b>	<b>657,130</b>	<b>647,720</b>	<b>631,552</b>	<b>864,744</b>

See footnotes at end of table.



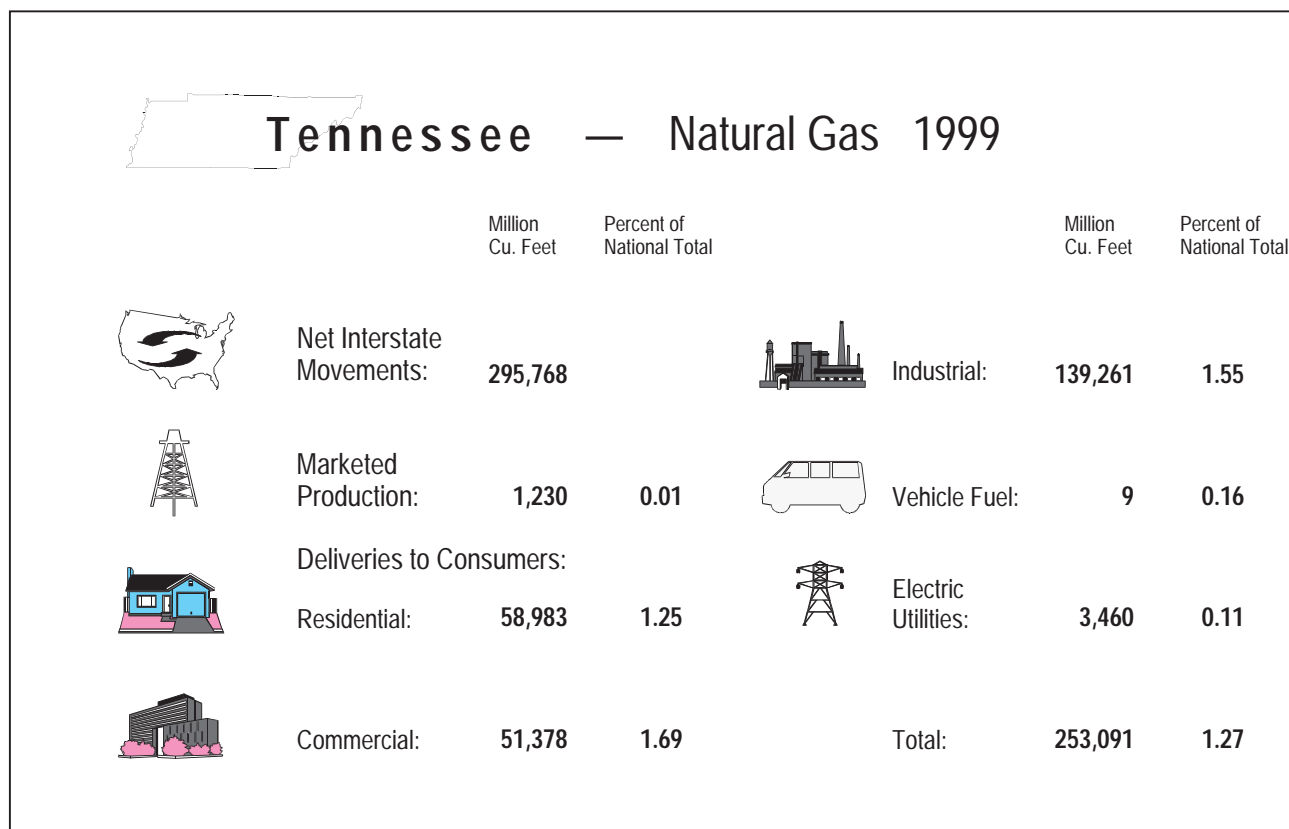
**Table 82. Summary Statistics for Natural Gas — South Dakota, 1995-1999 (Continued)**

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	34,292	36,905	36,109	33,036	35,787
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	604,039	620,225	611,611	598,472	828,874
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	44	83
<b>Total Disposition .....</b>	<b>638,331</b>	<b>657,130</b>	<b>647,720</b>	<b>631,552</b>	<b>864,744</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	404	424	911	848	864
Pipeline Fuel.....	2,724	2,887	2,910	2,805	6,020
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	12,610	14,085	13,203	11,646	11,766
Commercial.....	10,685	11,598	10,422	9,264	9,564
Industrial.....	6,933	7,182	6,928	5,607	5,043
Vehicle Fuel.....	4	4	5	1	3
Electric Utilities.....	931	725	1,731	2,865	2,527
<b>Total Delivered to Consumers .....</b>	<b>31,164</b>	<b>33,594</b>	<b>32,289</b>	<b>29,383</b>	<b>28,903</b>
<b>Total Consumption.....</b>	<b>34,292</b>	<b>36,905</b>	<b>36,109</b>	<b>33,036</b>	<b>35,787</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	1	1	0	0
Commercial.....	1,406	2,008	1,742	1,466	1,802
Industrial.....	5,017	5,414	5,257	3,609	3,178
Electric Utilities.....	0	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	124,152	127,269	130,307	133,095	136,789
Commercial.....	16,285	16,880	17,432	17,972	18,453
Industrial.....	396	444	481	464	445
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial.....	656	687	598	515	518
Industrial.....	17,509	16,176	14,404	12,084	11,332
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.59	—	2.09	2.47	2.13
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.03	1.75	2.13	1.68	2.12
City Gate .....	2.88	3.19	3.65	3.24	3.52
Delivered to Consumers					
Residential.....	5.05	5.25	5.75	5.59	5.83
Commercial.....	3.99	4.20	4.71	4.43	4.52
Industrial.....	3.44	3.50	4.02	3.28	3.35
Vehicle Fuel.....	3.89	3.76	3.48	4.95	4.83
Electric Utilities.....	1.58	2.36	NA	1.77	2.78

NA = Not available.  
— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 83. Summary Statistics for Natural Gas — Tennessee, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	505	460	420
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	1,820	1,690	1,510	1,420	1,230
<b>Total.....</b>	<b>1,820</b>	<b>1,690</b>	<b>1,510</b>	<b>1,420</b>	<b>1,230</b>
Repressuring.....	NA	NA	NA	NA	NA
Nonhydrocarbon Gases Removed.....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	1,820	1,690	1,510	1,420	1,230
Vented and Flared.....	NA	NA	NA	NA	NA
Marketed Production.....	1,820	1,690	1,510	1,420	1,230
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>1,820</b>	<b>1,690</b>	<b>1,510</b>	<b>1,420</b>	<b>1,230</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	1,820	1,690	1,510	1,420	1,230
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	4,027,113	4,272,871	3,868,295	3,328,150	3,366,178
Withdrawals from Storage					
Underground Storage.....	0	0	0	391	565
LNG Storage .....	3,035	3,985	2,416	3,562	3,005
Supplemental Gas Supplies.....	33	73	19	4	9
Balancing Item.....	-14,215	-44,277	-16,305	8,976	-19,475
<b>Total Supply.....</b>	<b>4,017,785</b>	<b>4,234,342</b>	<b>3,855,936</b>	<b>3,342,502</b>	<b>3,351,511</b>

See footnotes at end of table.

Table 83. Summary Statistics for Natural Gas — Tennessee, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	256,843	280,311	282,378	280,249	278,321
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	3,758,529	3,951,222	3,571,683	3,059,985	3,070,410
Additions to Storage					
Underground Storage .....	0	0	0	453	599
LNG Storage .....	2,414	2,809	1,875	1,816	2,181
<b>Total Disposition .....</b>	<b>4,017,785</b>	<b>4,234,342</b>	<b>3,855,936</b>	<b>3,342,502</b>	<b>3,351,511</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	47	37	45	31	26
Pipeline Fuel .....	17,696	24,221	22,559	16,440	25,204
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	59,994	70,423	64,130	59,386	58,983
Commercial .....	51,235	58,497	55,117	52,394	51,378
Industrial .....	125,814	126,545	138,877	145,773	139,261
Vehicle Fuel .....	3	15	13	11	9
Electric Utilities .....	2,055	572	1,636	6,213	3,460
<b>Total Delivered to Consumers .....</b>	<b>239,100</b>	<b>256,053</b>	<b>259,773</b>	<b>263,778</b>	<b>253,091</b>
<b>Total Consumption .....</b>	<b>256,843</b>	<b>280,311</b>	<b>282,378</b>	<b>280,249</b>	<b>278,321</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	0	0
Commercial .....	3,163	3,316	4,312	6,635	5,885
Industrial .....	65,914	67,050	85,683	96,672	90,267
Electric Utilities .....	1,414	425	1,906	6,058	6,884
<b>Number of Consumers</b>					
Residential .....	804,724	841,232	867,793	905,757	915,504
Commercial .....	101,561	103,867	105,925	109,772	110,072
Industrial .....	2,393	2,306	2,394	5,219	2,455
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	504	563	520	477	467
Industrial .....	52,576	54,877	58,011	27,931	56,725
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	1.54	2.54	2.55	2.15	2.28
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.59	2.57	2.52	2.17	2.16
City Gate .....	2.71	4.04	3.60	3.47	3.15
Delivered to Consumers					
Residential .....	5.77	6.26	6.91	6.73	6.55
Commercial .....	5.18	5.72	6.11	6.04	5.75
Industrial .....	3.34	3.92	4.18	3.94	3.72
Vehicle Fuel .....	5.08	5.49	5.59	4.98	5.08
Electric Utilities .....	2.28	2.61	NA	NA	NA

NA = Not available.  
— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

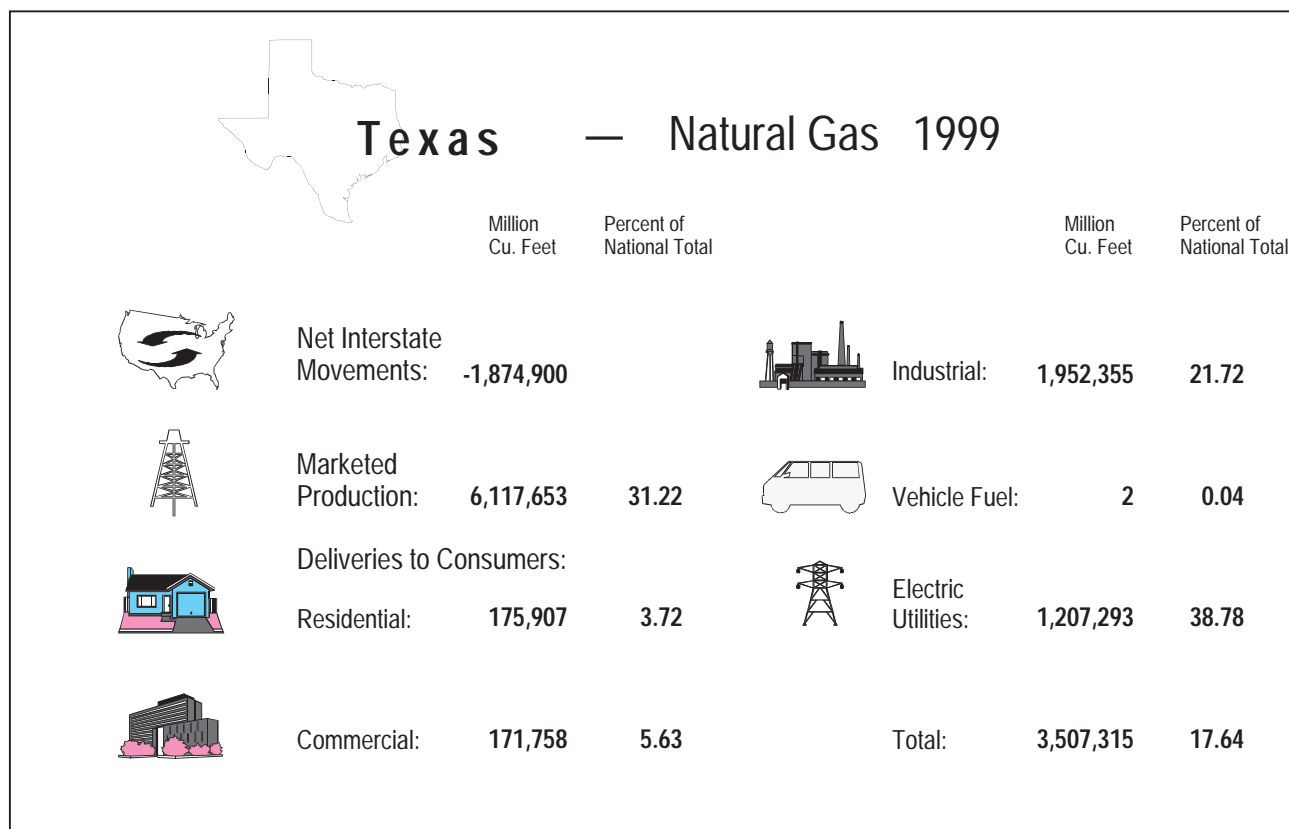


Table 84. Summary Statistics for Natural Gas — Texas, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	54,635	53,816	56,747	58,736	58,712
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	5,660,153	5,843,635	5,865,930	R5,913,517	5,645,379
From Oil Wells.....	1,212,503	1,184,565	1,150,211	R1,055,912	982,979
<b>Total.....</b>	<b>6,872,656</b>	<b>7,028,201</b>	<b>7,016,141</b>	<b>R6,969,429</b>	<b>6,628,358</b>
Repressuring .....	296,192	273,301	250,949	R247,841	198,534
Nonhydrocarbon Gases Removed.....	200,233	238,897	263,397	R295,646	277,165
Wet After Lease Separation.....	6,376,231	6,516,003	6,501,795	R6,425,942	6,152,659
Vented and Flared.....	46,183	45,382	47,922	R25,811	35,006
Marketed Production .....	6,330,048	6,470,620	6,453,873	R6,400,131	6,117,653
Extraction Loss.....	381,712	398,442	391,174	388,011	307,465
<b>Total Dry Production.....</b>	<b>5,948,336</b>	<b>6,072,178</b>	<b>6,062,699</b>	<b>R6,012,120</b>	<b>5,810,188</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	5,948,336	6,072,178	6,062,699	R6,012,120	5,810,188
Receipts at State Borders					
Imports .....	6,722	13,862	17,243	14,532	54,530
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	853,812	941,088	824,731	734,541	497,937
Withdrawals from Storage					
Underground Storage.....	300,889	369,783	322,289	242,343	297,787
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	1	0	0	0	17
Balancing Item.....	232,524	343,909	242,326	R-18,925	-82,327
<b>Total Supply.....</b>	<b>7,342,283</b>	<b>7,740,821</b>	<b>7,469,287</b>	<b>R6,984,611</b>	<b>6,578,132</b>

See footnotes at end of table.

Table 84. Summary Statistics for Natural Gas — Texas, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	3,802,489	3,991,316	3,950,555	<sup>R</sup> 4,030,948	3,858,964
Deliveries at State Borders					
Exports .....	61,241	30,435	34,163	46,933	53,260
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	3,203,828	3,413,156	3,172,315	2,562,270	2,374,107
Additions to Storage					
Underground Storage.....	274,724	305,914	312,254	344,461	291,802
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>7,342,283</b>	<b>7,740,821</b>	<b>7,469,287</b>	<b><sup>R</sup>6,984,611</b>	<b>6,578,132</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	178,827	177,508	144,787	<sup>R</sup> 176,262	136,708
Pipeline Fuel.....	81,877	75,567	82,115	65,800	70,397
Plant Fuel .....	154,721	153,039	157,013	153,966	144,544
Delivered to Consumers					
Residential.....	206,415	229,318	234,988	199,454	175,907
Commercial .....	209,584	178,549	216,333	169,610	171,758
Industrial.....	1,923,763	2,138,155	2,058,755	2,023,278	1,952,355
Vehicle Fuel.....	29	24	15	3	2
Electric Utilities .....	1,047,274	1,039,155	1,056,550	1,242,574	1,207,293
<b>Total Delivered to Consumers .....</b>	<b>3,387,065</b>	<b>3,585,201</b>	<b>3,566,640</b>	<b>3,634,920</b>	<b>3,507,315</b>
<b>Total Consumption.....</b>	<b>3,802,489</b>	<b>3,991,316</b>	<b>3,950,555</b>	<b><sup>R</sup>4,030,948</b>	<b>3,858,964</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	65,911	29,469	83,494	32,280	39,041
Industrial.....	1,402,017	1,708,843	1,703,403	1,738,943	1,470,207
Electric Utilities .....	577,894	578,654	538,488	652,908	619,256
<b>Number of Consumers</b>					
Residential.....	3,446,120	3,501,853	3,543,027	3,600,505	3,613,864
Commercial .....	325,785	329,287	332,077	320,922	314,601
Industrial.....	9,043	8,796	8,178	8,290	5,657
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	643	542	651	529	546
Industrial.....	212,735	243,083	251,743	244,062	345,122
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.61	2.29	2.48	2.06	2.31
Imports .....	1.53	2.25	2.31	2.03	2.14
Exports .....	1.49	2.13	2.46	2.03	2.24
Pipeline Fuel.....	1.64	2.40	2.36	2.02	1.99
City Gate .....	2.95	3.22	3.66	2.63	2.84
Delivered to Consumers					
Residential.....	5.92	5.89	6.32	6.16	6.09
Commercial .....	4.09	4.27	4.91	4.44	4.42
Industrial.....	1.89	2.58	2.82	2.35	2.55
Vehicle Fuel.....	2.88	3.34	3.17	1.77	3.17
Electric Utilities .....	1.93	2.51	2.69	2.30	2.51

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

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

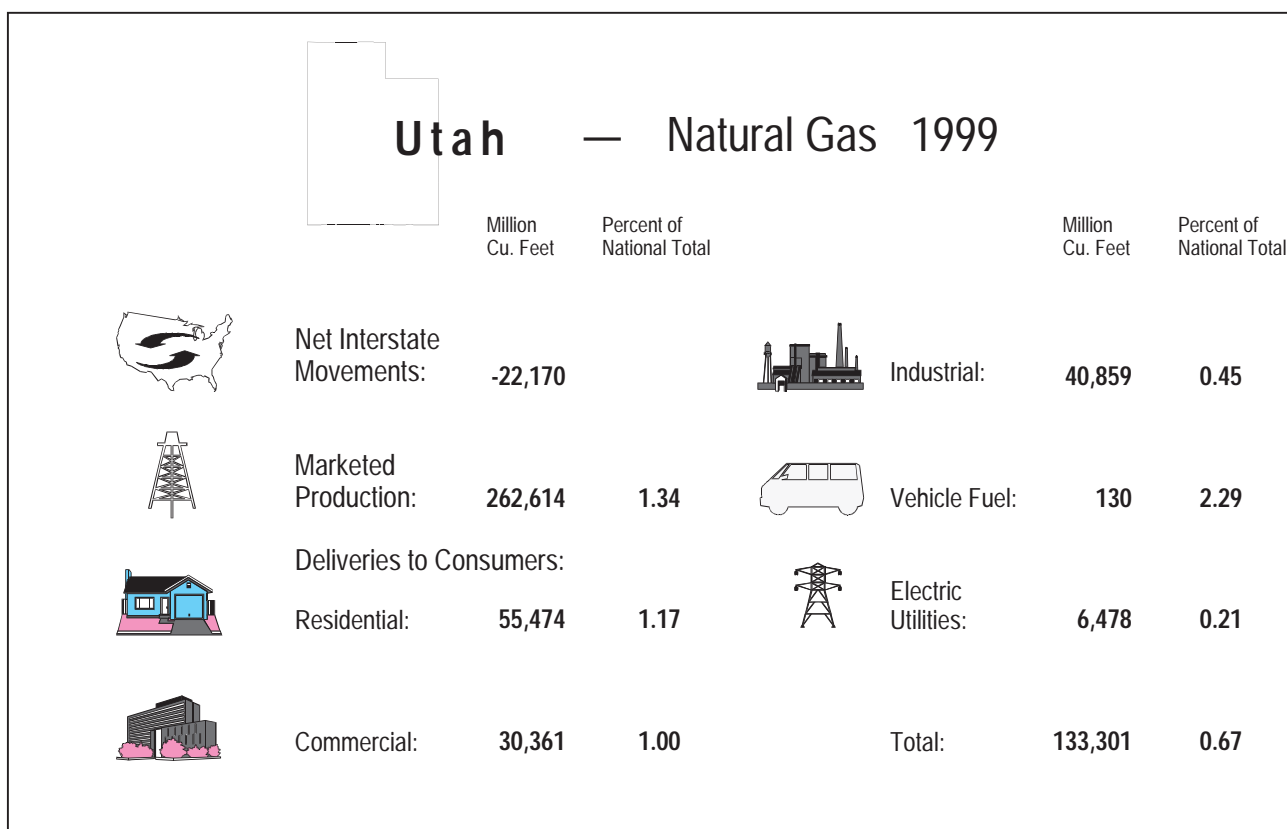


Table 85. Summary Statistics for Natural Gas — Utah, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	1,127	1,339	1,475	1,643	1,978
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	262,400	233,594	231,368	253,761	238,947
From Oil Wells.....	40,833	47,614	43,552	43,504	38,020
<b>Total.....</b>	<b>303,233</b>	<b>281,208</b>	<b>274,920</b>	<b>297,265</b>	<b>276,967</b>
Repressuring.....	26,874	3,165	990	559	519
Nonhydrocarbon Gases Removed.....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	276,358	278,044	273,930	296,706	276,448
Vented and Flared.....	35,069	27,277	16,790	19,365	13,835
Marketed Production.....	241,290	250,767	257,139	277,340	262,614
Extraction Loss.....	13,679	10,970	17,872	11,801	11,407
<b>Total Dry Production.....</b>	<b>227,611</b>	<b>239,797</b>	<b>239,267</b>	<b>265,539</b>	<b>251,207</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	227,611	239,797	239,267	265,539	251,207
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts.....	0	0	0	0	0
Interstate Receipts.....	431,245	420,103	443,318	420,012	359,246
Withdrawals from Storage					
Underground Storage.....	32,084	45,323	35,231	24,420	46,573
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	-113,083	-121,524	-14,947	-140,370	-78,558
<b>Total Supply.....</b>	<b>577,857</b>	<b>583,698</b>	<b>702,870</b>	<b>569,602</b>	<b>578,467</b>

See footnotes at end of table.

Table 85. Summary Statistics for Natural Gas — Utah, 1995-1999 (Continued)

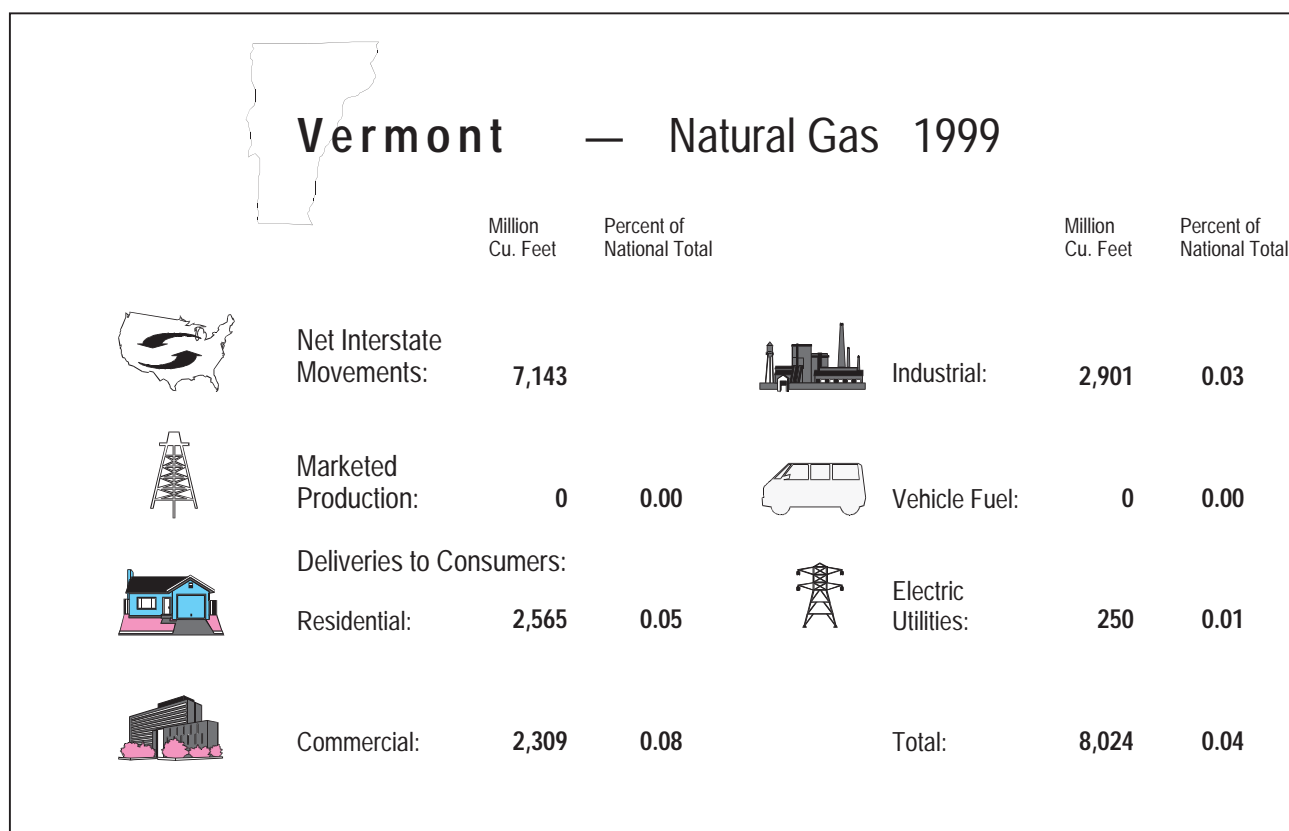
	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	156,824	160,371	165,159	169,634	159,672
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	388,831	390,959	494,909	376,224	381,416
Additions to Storage					
Underground Storage.....	32,201	32,368	42,803	23,744	37,380
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>577,857</b>	<b>583,698</b>	<b>702,870</b>	<b>569,602</b>	<b>578,467</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	18,520	18,570	16,478	19,481	15,930
Pipeline Fuel.....	2,831	3,601	2,935	2,788	2,561
Plant Fuel.....	8,492	8,549	8,141	7,985	7,880
Delivered to Consumers					
Residential.....	48,975	54,344	58,108	56,843	55,474
Commercial .....	26,825	29,543	31,129	30,955	30,361
Industrial.....	42,373	42,213	44,162	45,501	40,859
Vehicle Fuel.....	100	122	128	136	130
Electric Utilities .....	8,707	3,428	4,078	5,945	6,478
<b>Total Delivered to Consumers .....</b>	<b>126,981</b>	<b>129,651</b>	<b>137,605</b>	<b>139,380</b>	<b>133,301</b>
<b>Total Consumption.....</b>	<b>156,824</b>	<b>160,371</b>	<b>165,159</b>	<b>169,634</b>	<b>159,672</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	4,892	5,360	5,222	5,427	5,204
Industrial.....	37,694	38,424	40,234	41,587	36,959
Electric Utilities .....	7,515	4,006	3,435	5,613	6,472
<b>Number of Consumers</b>					
Residential.....	523,622	562,343	567,786	588,364	609,603
Commercial .....	40,101	40,107	40,689	42,054	43,861
Industrial.....	713	923	3,379	3,597	3,625
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	669	737	765	736	692
Industrial.....	59,430	45,734	13,070	12,650	11,271
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.15	1.39	1.86	1.73	1.93
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.57	1.68	2.20	2.04	1.92
City Gate .....	2.88	2.25	2.79	3.22	2.98
Delivered to Consumers					
Residential.....	4.74	4.47	5.13	5.57	5.37
Commercial .....	3.64	3.38	3.91	4.34	4.12
Industrial.....	2.34	2.10	2.55	3.00	2.94
Vehicle Fuel.....	4.73	4.49	5.37	5.42	5.32
Electric Utilities .....	2.26	1.83	2.09	2.11	2.65

NA = Not available.

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 86. Summary Statistics for Natural Gas — Vermont, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	18,429	18,736	19,343	18,998	10,391
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	0	0	0	0	0
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	4	5	6	0	1
Balancing Item.....	-1,823	-3,470	-3,153	55	888
<b>Total Supply.....</b>	<b>16,610</b>	<b>15,270</b>	<b>16,195</b>	<b>19,053</b>	<b>11,280</b>

See footnotes at end of table.



Table 86. Summary Statistics for Natural Gas — Vermont, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	7,275	7,333	8,061	7,734	8,032
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	9,335	7,937	8,134	11,319	3,248
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>16,610</b>	<b>15,270</b>	<b>16,195</b>	<b>19,053</b>	<b>11,280</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	7	8	9	8	8
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential.....	2,299	2,523	2,631	2,454	2,565
Commercial .....	2,672	2,825	3,051	2,979	2,309
Industrial.....	2,159	1,953	2,334	2,105	2,901
Vehicle Fuel.....	0	0	0	0	0
Electric Utilities .....	138	24	36	188	250
<b>Total Delivered to Consumers .....</b>	<b>7,268</b>	<b>7,325</b>	<b>8,052</b>	<b>7,726</b>	<b>8,024</b>
<b>Total Consumption.....</b>	<b>7,275</b>	<b>7,333</b>	<b>8,061</b>	<b>7,734</b>	<b>8,032</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial .....	0	0	0	0	0
Industrial.....	0	0	0	0	680
Electric Utilities .....	0	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	23,523	24,383	25,539	26,664	27,931
Commercial .....	3,649	3,790	3,928	4,034	4,219
Industrial.....	23	27	30	36	37
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	732	745	777	739	547
Industrial.....	93,854	72,327	77,807	58,461	78,396
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports .....	2.53	2.97	2.83	2.62	2.78
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.05	1.09	1.09	1.40	1.86
City Gate .....	2.61	2.74	2.33	2.58	2.85
Delivered to Consumers					
Residential.....	6.82	6.40	6.41	6.54	7.18
Commercial .....	5.43	5.24	5.18	5.08	5.69
Industrial.....	3.39	3.44	3.07	2.80	3.06
Vehicle Fuel.....	—	—	—	—	—
Electric Utilities .....	1.95	3.22	3.16	2.90	3.23

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.




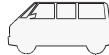



Virginia		— Natural Gas 1999			
	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	218,232		 Industrial:	101,368	1.13
 Marketed Production:	72,189	0.37	 Vehicle Fuel:	42	0.74
Deliveries to Consumers:			 Electric Utilities:	23,457	0.75
 Residential:	69,189	1.46			
 Commercial:	61,500	2.02	Total:	255,556	1.29

Table 87. Summary Statistics for Natural Gas — Virginia, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	1,671	1,671	2,046	2,388	2,752
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	49,818	54,290	58,249	57,263	72,189
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>49,818</b>	<b>54,290</b>	<b>58,249</b>	<b>57,263</b>	<b>72,189</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	49,818	54,290	58,249	57,263	72,189
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	49,818	54,290	58,249	57,263	72,189
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>49,818</b>	<b>54,290</b>	<b>58,249</b>	<b>57,263</b>	<b>72,189</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	49,818	54,290	58,249	57,263	72,189
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,055,691	1,074,350	1,120,061	1,091,838	1,215,366
Withdrawals from Storage					
Underground Storage.....	0	0	0	1,859	2,470
LNG Storage .....	1,276	1,614	988	774	1,192
Supplemental Gas Supplies.....	445	716	350	148	179
Balancing Item.....	-8,362	-22,638	-30,327	-33,538	-25,486
<b>Total Supply.....</b>	<b>1,098,868</b>	<b>1,108,332</b>	<b>1,149,320</b>	<b>1,118,345</b>	<b>1,265,910</b>

See footnotes at end of table.

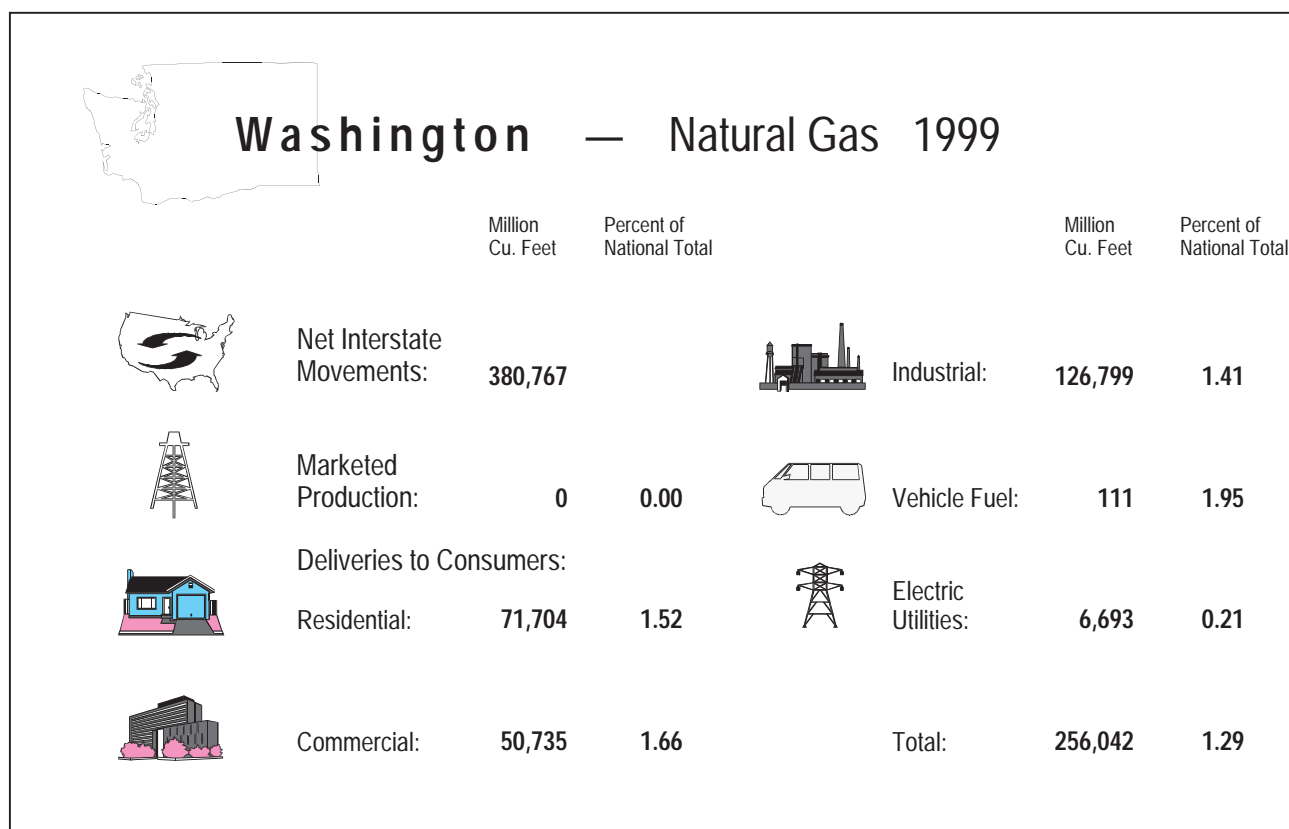
Table 87. Summary Statistics for Natural Gas — Virginia, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	247,198	239,100	241,391	242,792	265,080
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	850,457	867,600	906,833	872,552	997,134
Additions to Storage					
Underground Storage.....	0	0	0	2,369	2,378
LNG Storage .....	1,214	1,631	1,096	632	1,318
<b>Total Disposition .....</b>	<b>1,098,868</b>	<b>1,108,332</b>	<b>1,149,320</b>	<b>1,118,345</b>	<b>1,265,910</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	1,296	1,183	1,330	1,243	1,519
Pipeline Fuel.....	6,286	7,777	7,387	6,856	8,005
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential.....	68,712	76,214	73,905	63,186	69,189
Commercial .....	56,948	59,262	61,895	58,283	61,500
Industrial.....	97,499	84,357	85,264	92,801	101,368
Vehicle Fuel.....	43	32	37	35	42
Electric Utilities .....	16,414	10,275	11,572	20,386	23,457
<b>Total Delivered to Consumers .....</b>	<b>239,616</b>	<b>230,140</b>	<b>232,674</b>	<b>234,692</b>	<b>255,556</b>
<b>Total Consumption.....</b>	<b>247,198</b>	<b>239,100</b>	<b>241,391</b>	<b>242,792</b>	<b>265,080</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	234	2,743
Commercial .....	9,062	8,712	13,705	16,267	20,026
Industrial.....	83,030	69,163	74,182	80,885	89,873
Electric Utilities .....	20,462	14,366	10,787	57,441	71,776
<b>Number of Consumers</b>					
Residential.....	753,003	789,985	812,866	847,938	893,887
Commercial .....	74,690	77,284	78,986	77,220	80,500
Industrial.....	2,812	2,822	2,391	2,469	2,986
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	762	767	784	755	764
Industrial.....	34,672	29,893	35,660	37,587	33,948
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.72	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.83	2.60	3.22	2.59	2.20
City Gate .....	2.92	3.89	4.14	3.74	3.81
Delivered to Consumers					
Residential.....	7.18	7.94	8.60	8.57	8.61
Commercial .....	5.08	5.93	6.45	6.12	5.99
Industrial.....	3.35	4.07	4.68	4.07	3.95
Vehicle Fuel.....	2.30	2.80	5.05	5.09	6.25
Electric Utilities .....	2.67	2.98	2.93	3.10	3.16

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 88. Summary Statistics for Natural Gas — Washington, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	335,866	356,711	360,261	374,666	415,636
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	804,621	823,997	867,820	892,082	803,073
Withdrawals from Storage					
Underground Storage.....	15,452	22,192	19,015	22,597	18,014
LNG Storage .....	2,055	2,356	2,145	1,779	1,741
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	-34,861	-36,154	-41,479	-45,839	-115,105
<b>Total Supply.....</b>	<b>1,123,134</b>	<b>1,169,102</b>	<b>1,207,762</b>	<b>1,245,285</b>	<b>1,123,358</b>

See footnotes at end of table.

Table 88. Summary Statistics for Natural Gas — Washington, 1995-1999 (Continued)

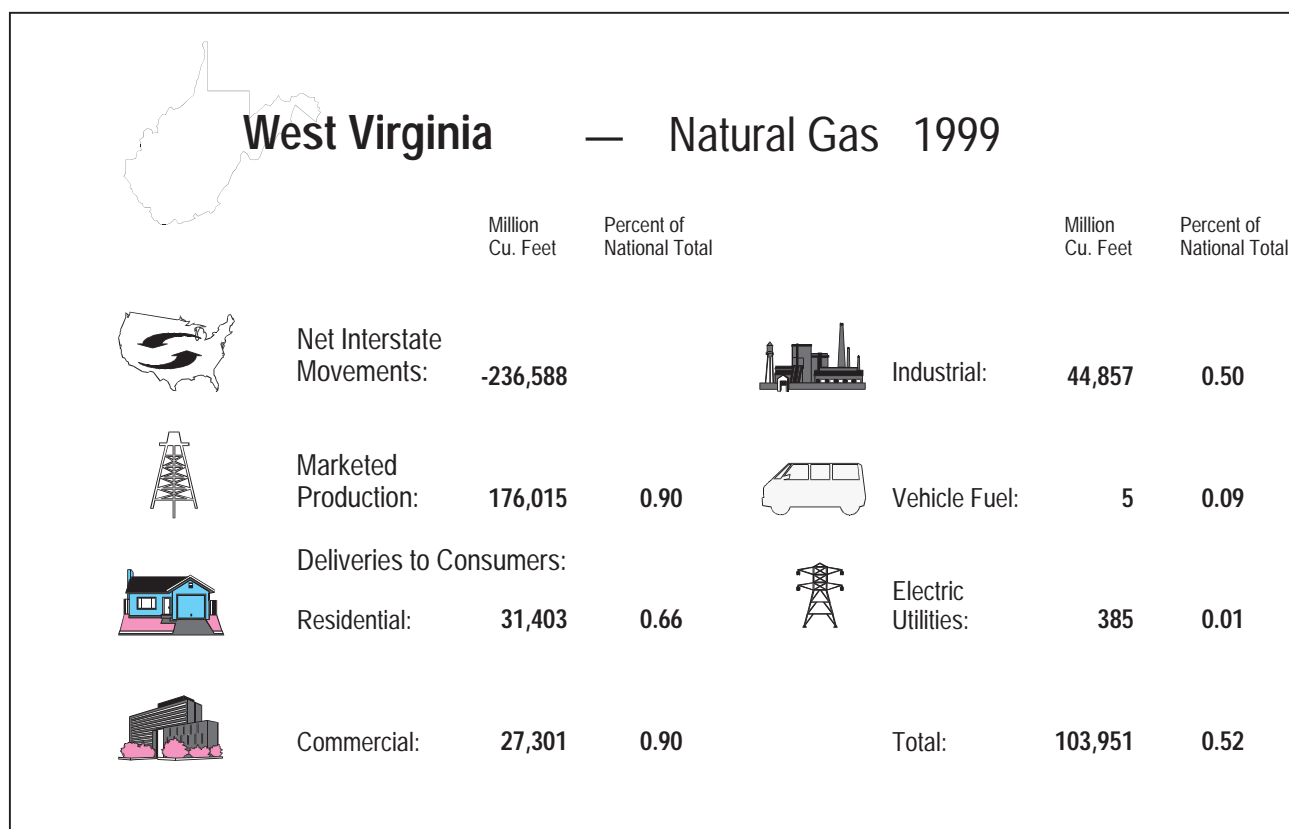
	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	220,427	238,639	231,227	263,153	263,688
Deliveries at State Borders					
Exports .....	0	0	0	208	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	882,385	906,604	954,325	957,886	837,942
Additions to Storage					
Underground Storage .....	17,815	20,124	20,018	23,136	19,227
LNG Storage .....	1,902	2,284	2,193	902	2,502
<b>Total Disposition .....</b>	<b>1,122,529</b>	<b>1,167,651</b>	<b>1,207,762</b>	<b>1,245,285</b>	<b>1,123,358</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	0	0	0	0	0
Pipeline Fuel .....	8,636	6,871	8,836	9,087	7,645
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	52,763	62,689	61,813	61,936	71,704
Commercial .....	42,568	48,139	46,686	45,561	50,735
Industrial .....	109,997	114,236	111,159	133,106	126,799
Vehicle Fuel .....	107	113	116	112	111
Electric Utilities .....	6,356	6,590	2,618	13,352	6,693
<b>Total Delivered to Consumers .....</b>	<b>211,791</b>	<b>231,767</b>	<b>222,391</b>	<b>254,067</b>	<b>256,042</b>
<b>Total Consumption .....</b>	<b>220,427</b>	<b>238,639</b>	<b>231,227</b>	<b>263,153</b>	<b>263,688</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	0	0	0	0
Commercial .....	3,514	6,795	7,440	6,026	5,405
Industrial .....	73,798	86,332	85,079	106,345	94,481
Electric Utilities .....	2,084	6,589	2,518	6,344	3,598
<b>Number of Consumers</b>					
Residential .....	638,603	673,357	702,701	737,208	779,104
Commercial .....	70,781	73,708	75,550	77,770	80,995
Industrial .....	3,544	3,587	3,748	3,848	4,042
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	601	653	618	586	626
Industrial .....	31,037	31,847	29,658	34,591	31,370
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	—	—	—	—	—
Imports .....	1.23	1.43	1.69	1.71	2.17
Exports .....	—	—	—	2.80	—
Pipeline Fuel .....	1.78	1.77	1.89	1.76	2.03
City Gate .....	2.18	2.44	2.62	2.34	2.63
Delivered to Consumers					
Residential .....	5.89	5.65	5.64	5.84	5.88
Commercial .....	5.00	4.81	4.73	4.76	4.89
Industrial .....	2.74	2.67	3.16	2.64	2.78
Vehicle Fuel .....	5.63	2.62	3.81	3.84	3.84
Electric Utilities .....	4.60	4.98	NA	3.44	NA

NA = Not available.

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 89. Summary Statistics for Natural Gas — West Virginia, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	36,144	35,148	31,000	39,072	36,575
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	186,231	169,839	172,268	R180,000	176,015
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>186,231</b>	<b>169,839</b>	<b>172,268</b>	<b>R180,000</b>	<b>176,015</b>
Repressuring .....	NA	NA	NA	NA	NA
Nonhydrocarbon Gases Removed.....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	186,231	169,839	172,268	R180,000	176,015
Vented and Flared.....	NA	NA	NA	NA	NA
Marketed Production .....	186,231	169,839	172,268	R180,000	176,015
Extraction Loss.....	7,396	7,093	7,179	7,337	7,334
<b>Total Dry Production.....</b>	<b>178,835</b>	<b>162,746</b>	<b>165,089</b>	<b>R172,663</b>	<b>168,681</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	178,835	162,746	165,089	R172,663	168,681
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,724,557	1,776,833	1,790,175	1,437,472	1,468,619
Withdrawals from Storage					
Underground Storage.....	187,088	164,768	181,015	143,924	194,788
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	-18,543	150,134	77,582	R131,161	172,980
<b>Total Supply.....</b>	<b>2,071,936</b>	<b>2,254,481</b>	<b>2,213,861</b>	<b>R1,885,219</b>	<b>2,005,067</b>

See footnotes at end of table.

Table 89. Summary Statistics for Natural Gas — West Virginia, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	148,364	154,642	159,040	<sup>R</sup> 142,640	139,694
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	1,777,613	1,899,227	1,890,522	1,570,388	1,705,207
Additions to Storage					
Underground Storage .....	145,958	200,612	164,299	172,191	160,166
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>2,071,936</b>	<b>2,254,481</b>	<b>2,213,861</b>	<b><sup>R</sup>1,885,219</b>	<b>2,005,067</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	4,846	4,292	4,500	<sup>R</sup> 4,549	3,705
Pipeline Fuel .....	26,411	32,467	32,318	30,868	29,829
Plant Fuel .....	3,199	2,262	2,710	2,344	2,209
Delivered to Consumers					
Residential .....	35,379	37,390	35,996	29,664	31,403
Commercial .....	25,872	28,025	25,913	24,986	27,301
Industrial .....	52,239	49,997	57,380	49,807	44,857
Vehicle Fuel .....	7	5	6	5	5
Electric Utilities .....	410	205	219	417	385
<b>Total Delivered to Consumers .....</b>	<b>113,908</b>	<b>115,622</b>	<b>119,512</b>	<b>104,879</b>	<b>103,951</b>
<b>Total Consumption .....</b>	<b>148,364</b>	<b>154,642</b>	<b>159,040</b>	<b><sup>R</sup>142,640</b>	<b>139,694</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	28	23	9	8	2
Commercial .....	12,536	12,263	11,779	12,625	13,157
Industrial .....	44,726	42,843	50,353	46,650	40,005
Electric Utilities .....	208	157	184	221	195
<b>Number of Consumers</b>					
Residential .....	353,629	358,049	362,432	359,783	362,292
Commercial .....	36,144	33,837	33,970	35,362	35,483
Industrial .....	192	182	173	217	147
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	716	828	763	707	769
Industrial .....	272,080	274,709	331,674	229,525	305,153
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	2.22	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	1.87	3.19	2.97	2.69	2.54
City Gate .....	2.85	3.36	3.17	3.17	3.40
Delivered to Consumers					
Residential .....	7.05	7.02	6.81	7.29	7.42
Commercial .....	6.09	6.03	6.34	6.26	6.23
Industrial .....	2.60	2.76	2.91	3.39	3.04
Vehicle Fuel .....	2.08	2.20	2.69	2.55	2.55
Electric Utilities .....	3.58	2.99	3.35	3.29	3.00

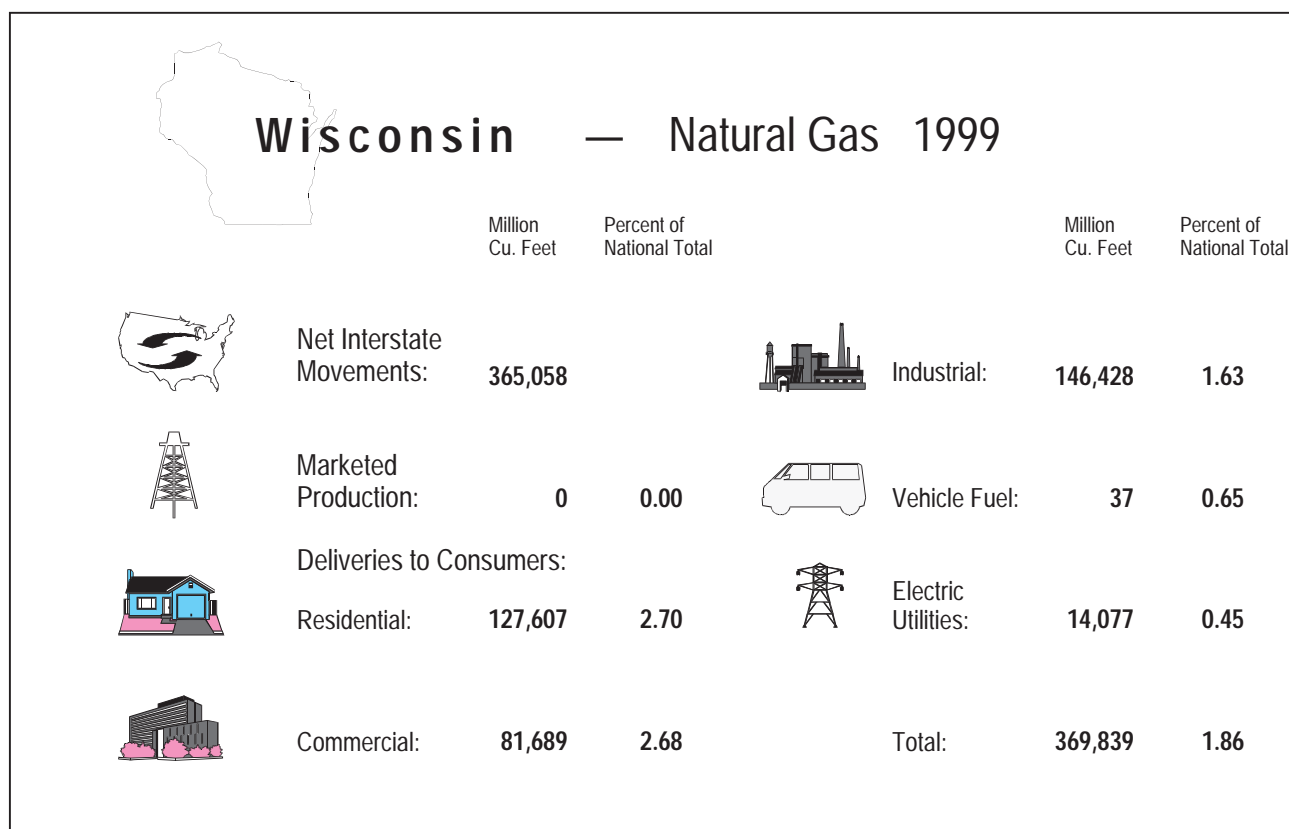
<sup>R</sup> = Revised data.

NA = Not available.

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

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**Table 90. Summary Statistics for Natural Gas — Wisconsin, 1995-1999**

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells.....	0	0	0	0	0
<b>Total.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed.....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared.....	0	0	0	0	0
Marketed Production .....	0	0	0	0	0
Extraction Loss.....	0	0	0	0	0
<b>Total Dry Production.....</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	0	0	0	0	0
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	1,195,087	1,194,236	1,185,145	1,168,021	1,189,182
Withdrawals from Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage .....	120	329	92	106	114
Supplemental Gas Supplies.....	2	21	5	0	0
Balancing Item.....	-2,924	4,981	7,587	-2,216	8,871
<b>Total Supply.....</b>	<b>1,192,286</b>	<b>1,199,567</b>	<b>1,192,829</b>	<b>1,165,911</b>	<b>1,198,167</b>

See footnotes at end of table.



Table 90. Summary Statistics for Natural Gas — Wisconsin, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	380,489	402,777	400,599	359,934	373,990
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries .....	0	0	0	0	0
Interstate Deliveries .....	811,591	796,522	792,086	805,893	824,124
Additions to Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage .....	206	269	143	85	53
<b>Total Disposition .....</b>	<b>1,192,286</b>	<b>1,199,567</b>	<b>1,192,829</b>	<b>1,165,911</b>	<b>1,198,167</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel .....	0	0	0	0	0
Pipeline Fuel .....	4,198	4,196	4,544	4,284	4,151
Plant Fuel .....	0	0	0	0	0
Delivered to Consumers					
Residential .....	136,012	147,893	135,819	115,946	127,607
Commercial .....	84,888	93,816	88,729	81,316	81,689
Industrial .....	146,070	149,517	155,677	141,980	146,428
Vehicle Fuel .....	32	53	55	59	37
Electric Utilities .....	9,289	7,303	15,776	16,348	14,077
<b>Total Delivered to Consumers .....</b>	<b>376,291</b>	<b>398,581</b>	<b>396,055</b>	<b>355,650</b>	<b>369,839</b>
<b>Total Consumption .....</b>	<b>380,489</b>	<b>402,777</b>	<b>400,599</b>	<b>359,934</b>	<b>373,990</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential .....	0	25	108	135	152
Commercial .....	6,760	7,848	15,907	21,172	17,123
Industrial .....	78,008	95,077	113,529	110,805	116,236
Electric Utilities .....	2,188	2,404	7,576	7,757	6,049
<b>Number of Consumers</b>					
Residential .....	1,291,424	1,324,570	1,361,348	1,390,068	1,426,909
Commercial .....	125,539	129,146	131,238	134,651	135,829
Industrial .....	6,454	5,861	8,346	9,158	9,757
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	676	726	676	604	601
Industrial .....	22,632	25,511	18,653	15,503	15,008
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production) .....	—	—	—	—	—
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel .....	0.36	1.20	1.16	0.95	2.56
City Gate .....	2.83	3.43	3.67	3.29	3.08
Delivered to Consumers					
Residential .....	5.82	6.04	6.43	6.15	6.17
Commercial .....	4.50	4.83	5.35	4.71	4.85
Industrial .....	2.96	3.48	4.13	3.78	4.05
Vehicle Fuel .....	2.96	2.40	2.38	1.13	1.94
Electric Utilities .....	2.23	3.04	3.17	2.67	2.93

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

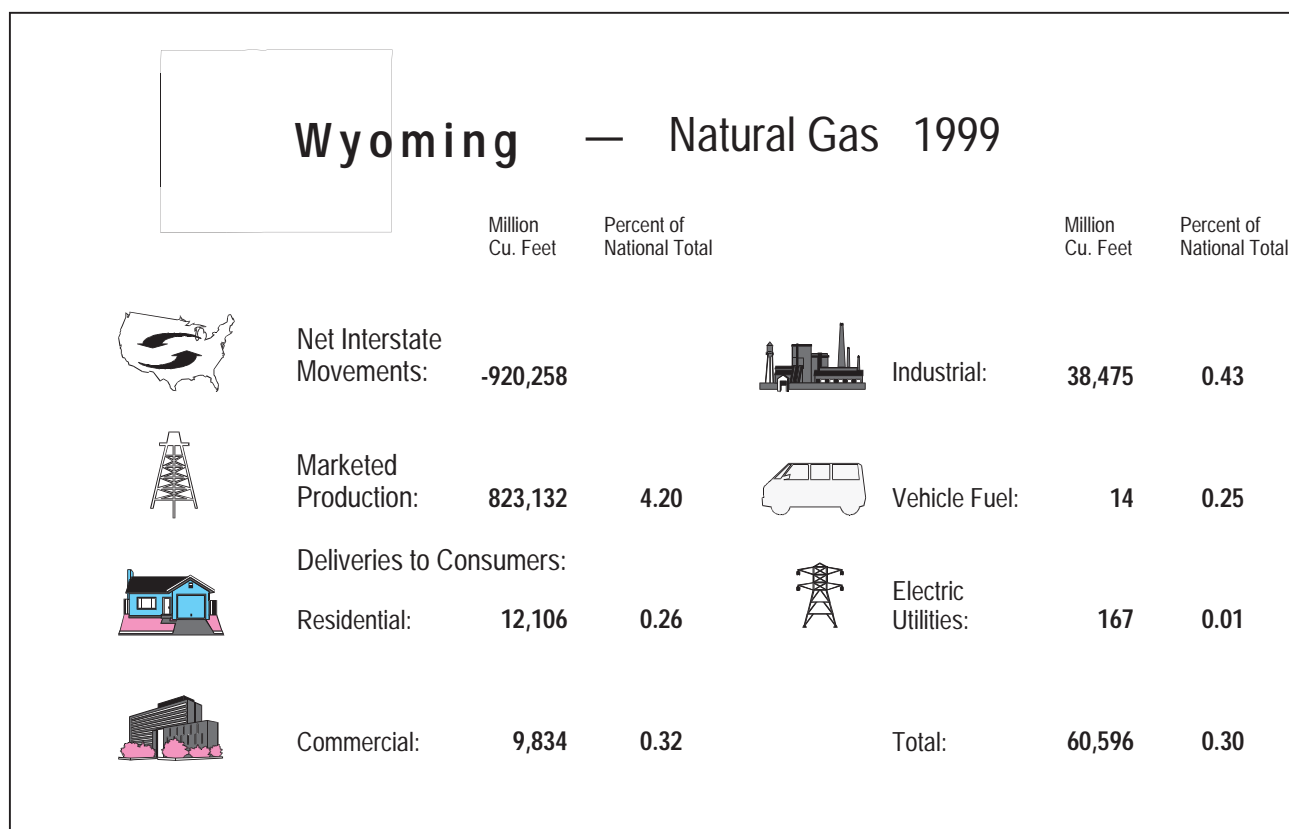


Table 91. Summary Statistics for Natural Gas — Wyoming, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	4,196	4,510	5,160	5,166	4,950
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	988,671	981,115	1,043,797	1,029,403	1,091,320
From Oil Wells.....	111,442	109,434	109,318	132,044	108,918
<b>Total.....</b>	<b>1,100,113</b>	<b>1,090,549</b>	<b>1,153,115</b>	<b>1,161,447</b>	<b>1,200,238</b>
Repressuring .....	131,893	134,867	128,186	117,094	87,784
Nonhydrocarbon Gases Removed.....	145,724	144,194	146,414	142,739	144,756
Wet After Lease Separation.....	822,496	811,488	878,515	901,614	967,698
Vented and Flared.....	148,721	145,452	140,147	140,301	144,566
Marketed Production .....	673,775	666,036	738,368	761,313	823,132
Extraction Loss.....	36,058	48,254	49,333	44,358	49,474
<b>Total Dry Production.....</b>	<b>637,717</b>	<b>617,782</b>	<b>689,035</b>	<b>716,955</b>	<b>773,658</b>
<b>Supply (million cubic feet)</b>					
Dry Production.....	637,717	617,782	689,035	716,955	773,658
Receipts at State Borders					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts .....	384,208	294,140	516,922	267,950	291,248
Withdrawals from Storage					
Underground Storage.....	11,000	15,478	14,989	12,493	10,395
LNG Storage .....	0	0	0	0	0
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	99,322	253,985	6,045	259,632	244,393
<b>Total Supply.....</b>	<b>1,132,247</b>	<b>1,181,385</b>	<b>1,226,990</b>	<b>1,257,031</b>	<b>1,319,694</b>

See footnotes at end of table.

Table 91. Summary Statistics for Natural Gas — Wyoming, 1995-1999 (Continued)

	1995	1996	1997	1998	1999
<b>Disposition (million cubic feet)</b>					
Consumption .....	97,706	101,413	100,955	109,193	96,730
Deliveries at State Borders					
Exports .....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries .....	1,025,093	1,069,550	1,111,955	1,132,626	1,211,506
Additions to Storage					
Underground Storage.....	9,448	10,422	14,080	15,212	11,458
LNG Storage .....	0	0	0	0	0
<b>Total Disposition .....</b>	<b>1,132,247</b>	<b>1,181,385</b>	<b>1,226,990</b>	<b>1,257,031</b>	<b>1,319,694</b>
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	4,570	4,252	4,099	3,477	3,125
Pipeline Fuel.....	7,254	8,144	10,461	11,535	13,736
Plant Fuel .....	14,896	15,409	15,597	16,524	19,272
Delivered to Consumers					
Residential.....	12,152	13,534	12,999	12,702	12,106
Commercial .....	9,833	9,721	10,754	10,414	9,834
Industrial.....	48,856	50,253	46,936	54,259	38,475
Vehicle Fuel.....	16	14	13	10	14
Electric Utilities.....	128	87	95	271	167
<b>Total Delivered to Consumers .....</b>	<b>70,986</b>	<b>73,609</b>	<b>70,797</b>	<b>77,656</b>	<b>60,596</b>
<b>Total Consumption.....</b>	<b>97,706</b>	<b>101,413</b>	<b>100,955</b>	<b>109,193</b>	<b>96,730</b>
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	846	935	990	469
Commercial .....	632	1,370	1,705	987	1,066
Industrial.....	47,467	48,798	45,763	53,151	37,346
Electric Utilities .....	0	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	119,544	131,910	125,740	127,324	127,750
Commercial .....	15,580	17,036	15,907	16,171	16,315
Industrial.....	126	170	194	317	314
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Commercial .....	631	571	676	644	603
Industrial.....	387,748	295,606	241,939	171,165	122,533
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.78	2.57	2.42	1.78	1.97
Imports .....	—	—	—	—	—
Exports .....	—	—	—	—	—
Pipeline Fuel.....	1.31	1.54	1.84	1.86	1.87
City Gate .....	2.72	2.36	3.11	2.73	3.59
Delivered to Consumers					
Residential.....	4.83	4.26	4.58	5.19	5.11
Commercial .....	4.23	3.67	3.93	4.45	4.38
Industrial.....	3.18	3.14	3.49	3.37	3.30
Vehicle Fuel.....	5.34	5.24	5.56	6.30	6.17
Electric Utilities.....	8.32	12.59	NA	8.31	3.89

NA = Not available.

— = Not applicable.

**Notes:** Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

# Historical Data

**Table 92. Quantity and Average Price of Natural Gas Production in the United States, 1930-1999**  
(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year	Gross Withdrawals	Used for Repressuring	Nonhydrocarbon Gases Removed	Vented and Flared	Marketed Production	Extraction Loss	Dry Production	Average Wellhead Price of Marketed Production
1930	NA	NA	NA	NA	1,978,911	75,140	1,903,771	0.08
1931	NA	NA	NA	NA	1,721,902	62,288	1,659,614	0.07
1932	NA	NA	NA	NA	1,593,798	51,816	1,541,982	0.06
1933	NA	NA	NA	NA	1,596,673	48,280	1,548,393	0.06
1934	NA	NA	NA	NA	1,815,796	52,190	1,763,606	0.06
1935	NA	NA	NA	NA	1,968,963	55,488	1,913,475	0.06
1936	2,691,512	73,507	NA	392,528	2,225,477	61,064	2,164,413	0.06
1937	3,084,567	84,925	NA	526,159	2,473,483	70,210	2,403,273	0.05
1938	3,108,858	101,551	NA	649,106	2,358,201	73,338	2,284,863	0.05
1939	3,387,095	171,401	NA	677,311	2,538,383	73,746	2,464,637	0.05
1940	3,752,702	362,916	NA	655,967	2,733,819	79,526	2,654,293	0.05
1941	4,168,116	644,379	NA	630,212	2,893,525	115,464	2,778,061	0.05
1942	4,525,095	752,619	NA	626,782	3,145,694	119,000	3,026,694	0.05
1943	5,024,449	824,803	NA	684,115	3,515,531	121,788	3,393,743	0.05
1944	5,708,288	882,979	NA	1,010,285	3,815,024	142,868	3,672,156	0.05
1945	6,000,161	1,061,951	NA	896,208	4,042,002	159,936	3,882,066	0.05
1946	6,293,037	1,038,242	NA	1,102,033	4,152,762	165,274	3,987,488	0.05
1947	6,733,230	1,083,119	NA	1,067,938	4,582,173	188,734	4,393,439	0.06
1948	7,178,777	1,220,579	NA	810,178	5,148,020	209,508	4,938,512	0.06
1949	7,546,825	1,273,205	NA	853,884	5,419,736	224,332	5,195,404	0.06
1950	8,479,650	1,396,546	NA	801,044	6,282,060	259,862	6,022,198	0.07
1951	9,689,372	1,438,827	NA	793,186	7,457,359	292,400	7,164,959	0.07
1952	10,272,566	1,410,501	NA	848,608	8,013,457	319,158	7,694,299	0.08
1953	10,645,798	1,438,606	NA	810,276	8,396,916	340,068	8,056,848	0.09
1954	10,984,850	1,518,737	NA	723,567	8,742,546	354,348	8,388,198	0.10
1955	11,719,794	1,540,804	NA	773,639	9,405,351	376,686	9,028,665	0.10
1956	12,372,905	1,426,648	NA	864,334	10,081,923	418,013	9,663,910	0.11
1957	12,906,669	1,417,263	NA	809,148	10,680,258	433,636	10,246,622	0.11
1958	13,146,635	1,482,975	NA	633,412	11,030,248	458,040	10,572,208	0.12
1959	14,229,272	1,612,109	NA	571,048	12,046,115	498,457	11,547,658	0.13
1960	15,087,911	1,753,996	NA	562,877	12,771,038	542,890	12,228,148	0.14
1961	15,460,312	1,682,754	NA	523,533	13,254,025	592,446	12,661,579	0.15
1962	16,038,973	1,736,722	NA	425,629	13,876,622	623,616	13,253,006	0.16
1963	16,973,368	1,843,297	NA	383,408	14,746,663	670,251	14,076,412	0.16
1964	17,535,553	1,647,108	NA	341,853	15,546,592	722,565	14,824,027	0.15
1965	17,963,100	1,604,204	NA	319,143	16,039,753	753,473	15,286,280	0.16
1966	19,033,839	1,451,516	NA	375,695	17,206,628	739,308	16,467,320	0.16
1967	20,251,776	1,590,574	NA	489,877	18,171,325	784,534	17,386,791	0.16
1968	21,325,000	1,486,092	NA	516,508	19,322,400	827,877	18,494,523	0.16
1969	22,679,195	1,455,205	NA	525,750	20,698,240	866,560	19,831,680	0.17

See footnotes at end of table.

**Table 92. Quantity and Average Price of Natural Gas Production in the United States, 1930-1999  
(Continued)**

Year	Gross Withdrawals	Used for Repressuring	Nonhydrocarbon Gases Removed	Vented and Flared	Marketed Production	Extraction Loss	Dry Production	Average Wellhead Price of Marketed Production
1970	23,786,453	1,376,351	NA	489,460	21,920,642	906,413	21,014,229	0.17
1971	24,088,031	1,310,458	NA	284,561	22,493,012	883,127	21,609,885	0.18
1972	24,016,109	1,236,292	NA	248,119	22,531,698	907,993	21,623,705	0.19
1973	24,067,202	1,171,361	NA	248,292	22,647,549	916,551	21,730,998	0.22
1974	22,849,793	1,079,890	NA	169,381	21,600,522	887,490	20,713,032	0.30
1975	21,103,530	860,956	NA	133,913	20,108,661	872,282	19,236,379	0.44
1976	20,943,778	859,410	NA	131,930	19,952,438	854,086	19,098,352	0.58
1977	21,097,071	934,801	NA	136,807	20,025,463	862,563	19,162,900	0.79
1978	21,308,815	1,181,432	NA	153,350	19,974,033	852,130	19,121,903	0.91
1979	21,883,353	1,245,074	NA	167,019	20,471,260	807,845	19,663,415	1.18
1980	21,869,692	1,365,454	199,063	125,451	20,179,724	776,605	19,403,119	1.59
1981	21,587,453	1,311,735	221,878	98,017	19,955,823	774,562	19,181,261	1.98
1982	20,272,254	1,388,392	208,492	93,365	18,582,005	761,942	17,820,063	2.46
1983	18,659,046	1,458,054	221,937	94,962	16,884,093	789,632	16,094,461	2.59
1984	20,266,522	1,630,152	224,118	107,913	18,304,339	837,867	17,466,472	2.66
1985	19,606,699	1,915,197	326,497	94,778	17,270,227	816,370	16,453,857	2.51
1986	19,130,711	1,837,552	336,851	97,633	16,858,675	799,645	16,059,030	1.94
1987	20,140,200	2,207,559	376,033	123,707	17,432,901	812,320	16,620,581	1.67
1988	20,999,255	2,478,382	459,883	142,525	17,918,465	815,844	17,102,621	1.69
1989	21,074,425	2,475,179	362,457	141,642	18,095,147	784,502	17,310,645	1.69
1990	21,522,622	2,489,040	289,374	150,415	18,593,792	784,118	17,809,674	1.71
1991	21,750,108	2,771,928	275,831	169,909	18,532,439	834,637	17,697,802	1.64
1992	22,132,249	2,972,552	280,370	167,519	18,711,808	871,905	17,839,903	1.74
1993	22,725,642	3,103,014	413,971	226,743	18,981,915	886,455	18,095,460	2.04
1994	23,580,706	3,230,667	412,178	228,336	19,709,525	888,500	18,821,025	1.85
1995	23,743,628	3,565,023	388,392	283,739	19,506,474	907,795	18,598,679	1.55
1996	24,113,536	3,510,753	<sup>a</sup> 518,425	272,117	19,812,241	958,178	18,854,063	2.17
1997	24,212,677	3,491,542	598,691	256,351	19,866,093	963,759	18,902,334	2.32
1998	<sup>R</sup> 24,096,206	<sup>R</sup> 3,437,062	<sup>R</sup> 615,941	<sup>R</sup> 234,472	<sup>R</sup> 19,808,731	937,798	<sup>R</sup> 18,870,933	<sup>R</sup> 1.95
1999	23,755,345	3,304,594	609,717	245,180	19,595,854	901,235	18,694,619	2.17

<sup>a</sup> Nonhydrocarbon gases removed increased significantly in 1996 due to production increases in the Bravo Dome.

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

NA = Not available.

**Notes:** Beginning with 1965 data, all volumes are shown on a pressure base of 14.73 psia at 60 degrees Fahrenheit. For prior years, the pressure base is 14.65 psia at 60 degrees Fahrenheit.

**Sources:** 1930-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration (EIA), Energy Data Reports, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production and Consumption, 1979*. 1980-1995: EIA, Form EIA-627, "Annual Quantity and Value of Natural Gas Report"; Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; and Form EIA-816, "Monthly Natural Gas Liquids Report." 1996-1999: EIA, Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"; Form EIA-176, Form EIA-64A, and Form EIA-816.

**Table 93. Supply and Disposition of Natural Gas in the United States, 1930-1999**  
(Million Cubic Feet)

Year	Supply					Disposition			
	Dry Production	Withdrawals from Storage	Imports	Balancing Item	Total	Additions to Storage	Exports	Consumption	Total
1930	1,903,771	NA	21	-35,490	1,868,302	NA	1,798	1,866,504	1,868,302
1931	1,659,614	NA	44	-35,466	1,624,192	NA	2,231	1,621,961	1,624,192
1932	1,541,982	NA	38	-37,808	1,504,212	NA	1,693	1,502,519	1,504,212
1933	1,548,393	NA	83	-41,199	1,507,277	NA	2,158	1,505,119	1,507,277
1934	1,763,606	NA	68	-45,075	1,718,599	NA	5,801	1,712,798	1,718,599
1935	1,913,475	NA	106	-41,074	1,872,507	11,294	6,800	1,854,413	1,872,507
1936	2,164,413	NA	152	-46,677	2,117,888	10,998	7,436	2,099,454	2,117,888
1937	2,403,273	NA	289	-52,157	2,351,405	13,706	4,868	2,332,831	2,351,405
1938	2,284,863	NA	372	-47,658	2,237,577	14,981	1,837	2,220,759	2,237,577
1939	2,464,637	NA	131	-53,595	2,411,173	8,032	3,122	2,400,019	2,411,173
1940	2,654,293	NA	0	-58,602	2,595,691	14,995	5,563	2,575,133	2,595,691
1941	2,778,061	NA	0	-64,616	2,713,445	16,251	7,466	2,689,728	2,713,445
1942	3,026,694	NA	0	-71,195	2,955,499	21,024	8,702	2,925,773	2,955,499
1943	3,393,743	NA	0	-81,889	3,311,854	18,953	11,210	3,281,691	3,311,854
1944	3,672,156	33,585	0	-94,068	3,611,673	43,502	14,576	3,553,595	3,611,673
1945	3,882,066	36,167	0	-97,981	3,820,252	61,502	18,207	3,740,543	3,820,252
1946	3,987,488	56,138	0	-102,837	3,940,789	75,458	17,675	3,847,656	3,940,789
1947	4,393,439	86,643	0	-127,807	4,352,275	96,316	18,149	4,237,810	4,352,275
1948	4,938,512	79,035	0	-126,796	4,890,751	136,406	18,704	4,735,641	4,890,751
1949	5,195,404	106,368	0	-138,515	5,163,257	172,051	20,054	4,971,152	5,163,257
1950	6,022,198	175,260	0	-175,437	6,022,021	229,752	25,727	5,766,542	6,022,021
1951	7,164,959	209,428	0	-192,372	7,182,015	347,690	24,163	6,810,162	7,182,015
1952	7,694,299	221,909	7,807	-203,646	7,720,369	398,593	27,456	7,294,320	7,720,369
1953	8,056,848	246,802	9,225	-240,445	8,072,430	404,838	28,322	7,639,270	8,072,430
1954	8,388,198	330,177	6,847	-215,709	8,509,513	432,283	28,726	8,048,504	8,509,513
1955	9,028,665	437,251	10,888	-246,933	9,229,871	505,185	31,029	8,693,657	9,229,871
1956	9,663,910	452,762	10,380	-212,992	9,914,060	589,232	35,963	9,288,865	9,914,060
1957	10,246,622	480,981	37,941	-205,373	10,560,171	672,377	41,655	9,846,139	10,560,171
1958	10,572,208	621,091	135,797	-283,597	11,045,499	704,172	38,719	10,302,608	11,045,499
1959	11,547,658	668,743	133,990	-223,312	12,127,079	787,485	18,413	11,321,181	12,127,079
1960	12,228,148	712,658	155,646	-274,231	12,822,221	844,352	11,332	11,966,537	12,822,221
1961	12,661,579	698,050	218,860	-234,808	13,343,681	843,666	10,747	12,489,268	13,343,681
1962	13,253,006	854,336	401,534	-285,726	14,223,150	940,823	15,814	13,266,513	14,223,150
1963	14,076,412	916,720	406,204	-364,658	15,034,678	1,047,492	16,957	13,970,229	15,034,678
1964	14,824,027	885,307	443,326	-304,435	15,848,225	1,014,814	19,603	14,813,808	15,848,225
1965	15,286,280	959,865	456,394	-318,711	16,383,828	1,077,980	26,132	15,279,716	16,383,828
1966	16,467,320	1,141,614	479,780	-401,203	17,687,511	1,210,469	24,639	16,452,403	17,687,511
1967	17,386,791	1,132,534	564,226	-296,214	18,787,337	1,317,363	81,614	17,388,360	18,787,337
1968	18,494,523	1,329,536	651,885	-325,062	20,150,882	1,425,075	93,745	18,632,062	20,150,882
1969	19,831,680	1,379,488	726,951	-334,168	21,603,951	1,498,988	51,304	20,056,240	21,606,532

See footnotes at end of table.

**Table 93. Supply and Disposition of Natural Gas in the United States, 1930-1999 (Continued)**  
(Million Cubic Feet)

Year	Supply					Disposition			
	Dry Production	Withdrawals from Storage	Imports	Balancing Item	Total	Additions to Storage	Exports	Consumption	Total
1970	21,014,229	1,458,607	820,780	-227,650	23,065,966	1,856,767	69,813	21,139,386	23,065,966
1971	21,609,885	1,507,630	934,548	-338,999	23,713,064	1,839,398	80,212	21,793,454	23,713,064
1972	21,623,705	1,757,218	1,019,496	-328,002	24,072,417	1,892,952	78,013	22,101,452	24,072,417
1973	21,730,998	1,532,820	1,032,901	-195,863	24,100,856	1,974,324	77,169	22,049,363	24,100,856
1974	20,713,032	1,700,546	959,284	-288,731	23,084,131	1,784,209	76,789	21,223,133	23,084,131
1975	19,236,379	1,759,565	953,008	-235,065	21,713,887	2,103,619	72,675	19,537,593	21,713,887
1976	19,098,352	2,059,898	963,768	-216,240	21,905,778	1,755,690	64,711	19,946,496	21,766,897
1977	19,162,900	1,735,868	1,011,002	-41,063	21,868,707	2,306,515	55,626	19,520,581	21,882,722
1978	19,121,903	2,150,928	965,545	-287,201	21,951,175	2,278,002	52,532	19,627,478	21,958,012
1979	19,663,415	2,057,020	1,253,383	-372,330	22,601,488	2,295,034	55,673	20,240,761	22,591,468
1980	19,557,709	1,972,333	984,767	-639,721	21,875,088	1,949,064	48,731	19,877,293	21,875,088
1981	19,356,963	1,930,092	903,949	-500,444	21,690,560	2,227,522	59,372	19,403,858	21,690,752
1982	17,964,874	2,164,184	933,336	-537,061	20,525,333	2,472,383	51,728	18,001,055	20,525,166
1983	16,226,355	2,269,654	918,407	-703,342	18,711,074	1,822,354	54,639	16,834,914	18,711,907
1984	17,576,449	2,098,303	843,060	-217,308	20,300,504	2,295,138	54,753	17,950,524	20,300,415
1985	16,580,220	2,397,359	949,715	-428,120	19,499,174	2,162,603	55,268	17,280,943	19,498,814
1986	16,172,219	1,836,693	750,449	-494,491	18,264,870	1,983,603	61,271	16,221,296	18,266,170
1987	16,721,963	1,905,419	992,532	-443,231	19,176,683	1,911,489	54,020	17,210,809	19,176,318
1988	17,203,755	2,270,011	1,293,812	-452,492	20,315,086	2,211,277	73,638	18,029,588	20,314,503
1989	17,417,390	2,854,061	1,381,520	-217,526	21,435,445	2,527,750	106,871	18,800,826	21,435,447
1990	17,932,480	1,986,330	1,532,259	-151,863	21,299,206	2,499,264	85,565	18,715,090	21,299,919
1991	17,810,408	2,751,818	1,773,313	-499,779	21,835,760	2,671,632	129,244	19,035,156	21,836,032
1992	17,957,822	2,772,308	2,137,504	-507,565	22,360,069	2,599,426	216,282	19,544,364	22,360,072
1993	18,214,459	2,799,253	2,350,115	-109,593	23,254,234	2,834,955	140,183	20,279,095	23,254,233
1994	18,931,851	2,578,840	2,623,839	-415,579	23,718,951	2,864,757	161,739	20,707,717	23,734,213
1995	18,708,969	3,024,548	2,841,048	-230,002	24,344,563	2,609,779	154,119	21,580,665	24,344,563
1996	18,963,518	2,980,614	2,937,413	217,114	25,098,659	2,978,649	153,393	21,966,616	25,098,658
1997	19,005,487	2,893,762	2,994,173	61,024	24,954,446	2,870,159	157,006	21,958,660	24,985,825
1998	<sup>R</sup> 18,973,122	2,431,709	3,152,058	<sup>R</sup> -179,642	<sup>R</sup> 24,377,247	2,961,472	159,007	<sup>R</sup> 21,278,888	<sup>R</sup> 24,399,367
1999	18,792,866	2,873,405	3,585,505	-683,124	24,568,652	2,702,672	163,415	21,694,489	24,560,576

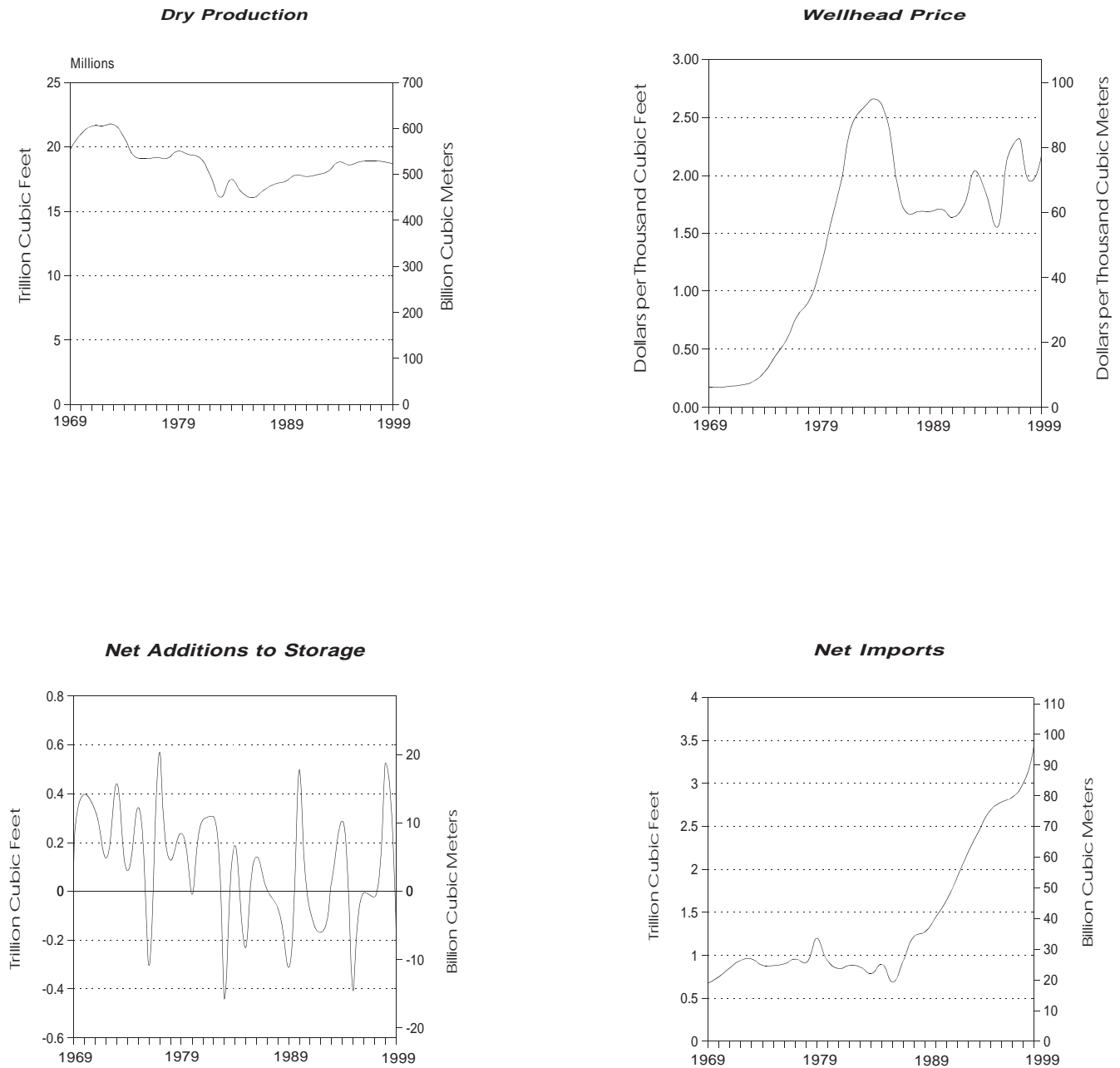
<sup>R</sup> = Revised data.  
NA = Not available.

**Notes:** Beginning with 1980 data, dry production and consumption volumes did include supplemental gas supplies, and storage volumes did include liquefied natural gas (LNG). Beginning with 1976 data, total supply and disposition do not balance on equivalent data in Table 1 due to the exclusion of intransit receipts and deliveries. Beginning with 1965 data, all volumes are shown on a pressure base of 14.73 psia at degrees Fahrenheit. For prior years, the pressure base is 14.65 psia at 60 degrees Fahrenheit.

**Sources:** 1930-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration (EIA), Energy Data Report, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production and Consumption, 1979*. 1980-1994: EIA, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-191, "Underground Gas Storage Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report"; Form EIA-191, "Underground Gas Storage Report"; and Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." 1995: EIA, Form EIA-176, Form EIA-191, Form EIA-64A, Form EIA-627, and Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*. 1996-1999: EIA, Form EIA-176, Form EIA-191, Form EIA-64A, Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"; and Office of Fossil Energy.

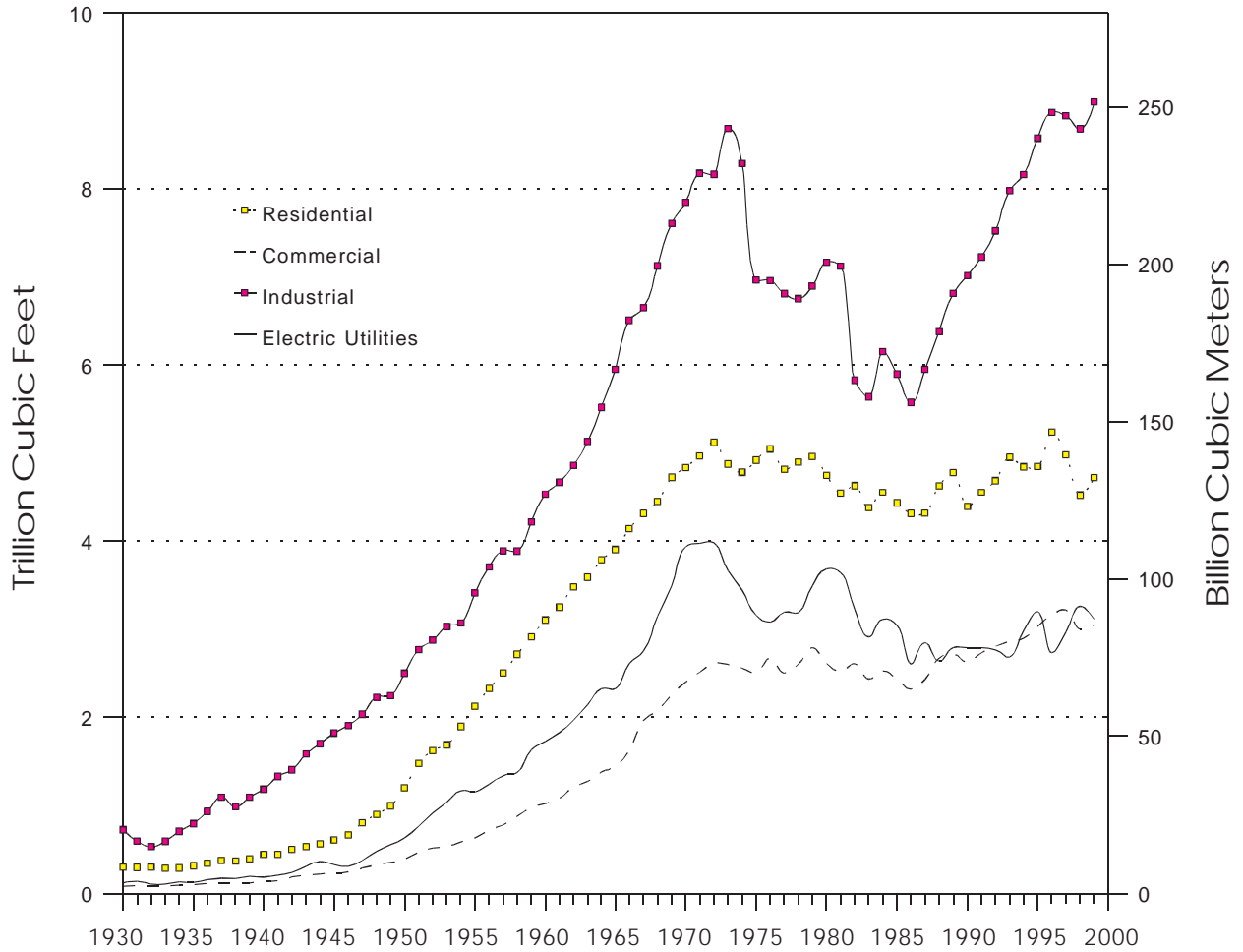


**Figure 22. Natural Gas Supply and Disposition in the United States, 1969-1999**



**Sources:** 1969-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration (EIA), Energy Data Reports, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production and Consumption, 1979*. 1980-1994: EIA, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Forms EIA-191/FERC-8, "Underground Gas Storage Report"; Form-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report"; and Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas"; 1995: EIA, Form EIA-176, Forms EIA-191/FERC-8, Form EIA-64A, Form EIA-627, "Annual Quantity and Value of Natural Gas Report"; and Office of Fossil Fuels, U.S. Department of Energy, *Natural Gas Imports and Exports*; 1996-1999: EIA, Form EIA-176, Forms EIA-191/FERC-8, Form EIA-64A, Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"; and Office of Fossil Fuels.

Figure 23. Natural Gas Delivered to Consumers in the United States, 1930-1999



Sources: 1930-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration (EIA), Energy Data Reports, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production and Consumption, 1979*. 1980-1999: Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Form EIA-759, "Monthly Power Plant Report."

**Table 94. Natural Gas Consumption in the United States, 1930-1999**  
(Million Cubic Feet)

Year	Lease and Plant Fuel	Pipeline Fuel	Delivered to Consumers					Total Consumption	
			Residential	Commercial	Industrial	Vehicle Fuel	Electric Utilities		Total
1930	648,025	NA	295,700	80,707	721,782	NA	120,290	1,218,479	1,866,504
1931	509,077	NA	294,406	86,491	593,644	NA	138,343	1,112,884	1,621,961
1932	477,562	NA	298,520	87,367	531,831	NA	107,239	1,024,957	1,502,519
1933	442,879	NA	283,197	85,577	590,865	NA	102,601	1,062,240	1,505,119
1934	502,352	NA	288,236	91,261	703,053	NA	127,896	1,210,446	1,712,798
1935	524,926	NA	313,498	100,187	790,563	NA	125,239	1,329,487	1,854,413
1936	557,404	NA	343,346	111,623	931,001	NA	156,080	1,542,050	2,099,454
1937	581,110	NA	371,844	117,390	1,091,920	NA	170,567	1,751,721	2,332,831
1938	585,865	NA	367,772	114,296	982,838	NA	169,988	1,634,894	2,220,759
1939	607,138	NA	391,153	118,334	1,092,263	NA	191,131	1,792,881	2,400,019
1940	632,335	NA	443,646	134,644	1,181,352	NA	183,156	1,942,798	2,575,133
1941	570,694	NA	442,067	144,844	1,326,967	NA	205,156	2,119,034	2,689,728
1942	602,063	NA	498,537	183,603	1,402,834	NA	238,736	2,323,710	2,925,773
1943	659,198	NA	529,444	204,793	1,582,680	NA	305,576	2,622,493	3,281,691
1944	712,312	NA	562,183	220,747	1,698,608	NA	359,745	2,841,283	3,553,595
1945	757,016	NA	607,400	230,099	1,819,838	NA	326,190	2,983,527	3,740,543
1946	732,535	NA	660,820	241,802	1,905,575	NA	306,924	3,115,121	3,847,656
1947	745,027	NA	802,150	285,213	2,032,383	NA	373,037	3,492,783	4,237,810
1948	812,005	NA	896,348	323,054	2,226,137	NA	478,097	3,923,636	4,735,641
1949	835,297	NA	992,544	347,818	2,245,372	NA	550,121	4,135,855	4,971,152
1950	927,611	125,546	1,198,369	387,838	2,498,259	NA	628,919	4,713,385	5,766,542
1951	1,149,470	192,496	1,474,725	464,309	2,765,264	NA	763,898	5,468,196	6,810,162
1952	1,164,596	207,207	1,621,966	515,669	2,874,765	NA	910,117	5,922,517	7,294,320
1953	1,131,017	230,314	1,685,503	530,650	3,027,514	NA	1,034,272	6,277,939	7,639,270
1954	1,102,535	230,615	1,894,248	584,957	3,070,651	NA	1,165,498	6,715,354	8,048,504
1955	1,130,985	245,246	2,123,952	629,219	3,410,975	NA	1,153,280	7,317,426	8,693,657
1956	1,002,537	295,972	2,327,564	716,871	3,706,610	NA	1,239,311	7,990,356	9,288,865
1957	1,046,084	299,235	2,500,269	775,916	3,888,494	NA	1,336,141	8,500,820	9,846,139
1958	1,146,064	312,221	2,714,251	871,774	3,885,445	NA	1,372,853	8,844,323	10,302,608
1959	1,238,945	349,348	2,912,601	975,107	4,216,671	NA	1,628,509	9,732,888	11,321,181
1960	1,236,781	347,075	3,103,167	1,020,222	4,534,530	NA	1,724,762	10,382,681	11,966,537
1961	1,288,762	377,607	3,248,578	1,076,849	4,672,355	NA	1,825,117	10,822,899	12,489,268
1962	1,369,512	382,496	3,478,563	1,206,668	4,863,300	NA	1,965,974	11,514,505	13,266,513
1963	1,411,088	423,783	3,589,021	1,267,783	5,134,081	NA	2,144,473	12,135,358	13,970,229
1964	1,370,835	435,570	3,787,292	1,374,717	5,522,498	NA	2,322,896	13,007,403	14,813,808
1965	1,156,224	500,524	3,902,802	1,443,648	5,955,417	NA	2,321,101	13,622,968	15,279,716
1966	1,033,400	535,353	4,138,259	1,622,740	6,512,702	NA	2,609,949	14,883,650	16,452,403
1967	1,140,966	575,752	4,313,304	1,958,970	6,653,016	NA	2,746,352	15,671,642	17,388,360
1968	1,237,131	590,965	4,450,354	2,075,736	7,129,967	NA	3,147,909	16,803,966	18,632,062
1969	1,345,648	630,962	4,728,281	2,253,206	7,610,501	NA	3,487,642	18,079,630	20,056,240

See footnotes at end of table.

**Table 94. Natural Gas Consumption in the United States, 1930-1999 (Continued)**  
(Million Cubic Feet)

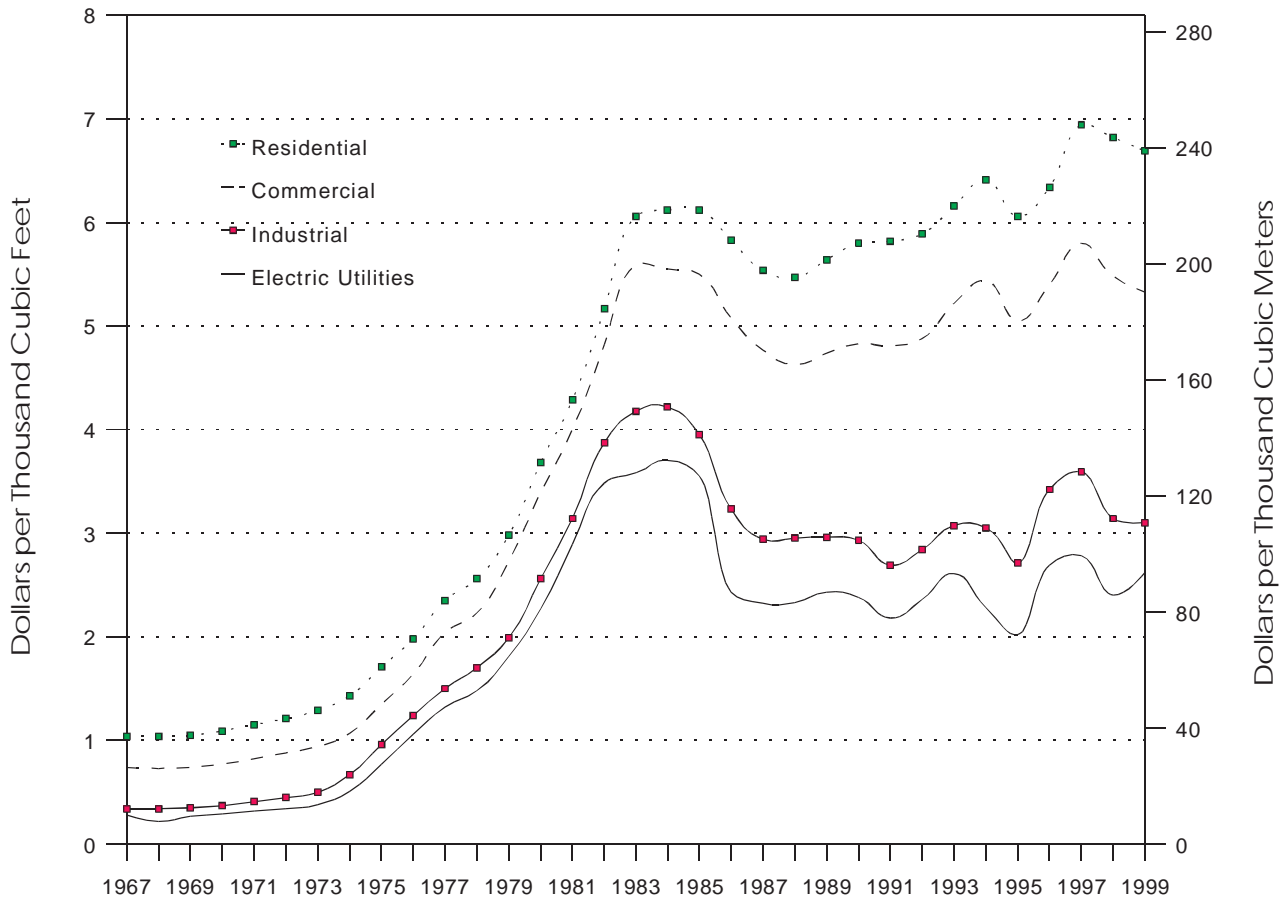
Year	Lease and Plant Fuel	Pipeline Fuel	Delivered to Consumers					Total Consumption	
			Residential	Commercial	Industrial	Vehicle Fuel	Electric Utilities		Total
1970	1,398,758	722,166	4,837,432	2,398,510	7,850,660	NA	3,931,860	19,018,462	21,139,386
1971	1,413,650	742,592	4,971,690	2,508,977	8,180,527	NA	3,976,018	19,637,212	21,793,454
1972	1,455,563	766,156	5,125,982	2,607,982	8,168,855	NA	3,976,914	19,879,733	22,101,452
1973	1,495,915	728,177	4,879,387	2,597,037	8,688,675	NA	3,660,172	19,825,271	22,049,363
1974	1,477,386	668,792	4,786,128	2,555,617	8,291,782	NA	3,443,428	19,076,955	21,223,133
1975	1,396,277	582,963	4,924,124	2,508,293	6,968,267	NA	3,157,669	17,558,353	19,537,593
1976	1,634,355	548,323	5,051,360	2,667,740	6,963,850	NA	3,080,868	17,763,818	19,946,496
1977	1,659,145	532,669	4,821,485	2,500,793	6,815,289	NA	3,191,200	17,328,767	19,520,581
1978	1,647,911	530,451	4,903,006	2,601,106	6,756,641	NA	3,188,363	17,449,116	19,627,478
1979	1,498,530	600,964	4,965,365	2,785,961	6,899,418	NA	3,490,523	18,141,267	20,240,761
1980	1,026,438	634,622	4,752,082	2,610,895	7,171,661	NA	3,681,595	18,216,233	19,877,293
1981	927,591	642,325	4,546,450	2,519,791	7,127,547	NA	3,640,154	17,833,942	19,403,858
1982	1,109,398	596,411	4,633,035	2,605,523	5,831,170	NA	3,225,518	16,295,245	18,001,055
1983	978,249	490,042	4,380,599	2,432,547	5,642,708	NA	2,910,767	15,366,621	16,834,914
1984	1,076,881	528,754	4,555,465	2,524,244	6,153,841	NA	3,111,342	16,344,893	17,950,524
1985	966,047	503,766	4,433,377	2,432,382	5,901,288	NA	3,044,083	15,811,130	17,280,943
1986	922,524	485,041	4,313,969	2,318,335	5,579,057	NA	2,602,370	14,813,731	16,221,296
1987	1,149,383	519,170	4,314,833	2,430,064	5,953,308	NA	2,844,051	15,542,256	17,210,809
1988	1,095,883	613,912	4,630,330	2,670,465	6,383,382	NA	2,635,616	16,319,793	18,029,588
1989	1,069,902	629,308	4,780,638	2,717,722	6,816,244	NA	2,787,012	17,101,615	18,800,826
1990	1,236,392	659,816	4,391,324	2,622,721	7,018,414	270	2,786,153	16,818,882	18,715,090
1991	1,129,268	601,305	4,555,659	2,728,581	7,230,962	367	2,789,014	17,304,582	19,035,156
1992	1,170,821	587,710	4,690,065	2,802,751	7,526,898	511	2,765,608	17,785,833	19,544,364
1993	1,171,940	624,308	4,956,445	2,861,569	7,981,433	960	2,682,440	18,482,847	20,279,095
1994	1,123,720	685,362	4,847,702	2,895,013	8,167,033	1,741	2,987,146	18,898,635	20,707,717
1995	1,220,168	700,335	4,850,318	3,031,077	8,579,585	2,674	3,196,507	19,660,161	21,580,665
1996	1,249,662	711,446	5,241,414	3,158,244	8,870,422	2,932	2,732,496	20,005,508	21,966,616
1997	1,203,179	751,470	4,983,772	3,214,912	8,832,450	4,424	2,968,453	20,004,012	21,958,660
1998	<sup>R</sup> 1,174,363	635,477	4,520,276	2,999,491	8,686,147	5,079	3,258,054	19,469,047	<sup>R</sup> 21,278,888
1999	1,077,164	735,078	4,724,094	3,048,832	8,990,216	5,685	3,113,419	19,882,247	21,694,489

<sup>R</sup> = Revised data.  
NA = Not available.

**Notes:** Beginning with 1965 data, all volumes are shown on a pressure base of 14.73 psia at 60 degrees Fahrenheit. For prior years, the pressure base is 14.65 psia at 60 degrees Fahrenheit. Number of vehicle fuel consumers generally refers to the number of fueling stations. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

**Sources:** 1930-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration (EIA), Energy Data Reports, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production and Consumption, 1979*. 1980-1989: EIA, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Form EIA-759, "Monthly Power Plant Report"; 1990: EIA, Form EIA-176, Form EIA-759, and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; 1991-1995: EIA, Form EIA-176, Form EIA-759, Form EIA-64A, and Form EIA-627, "Annual Quantity and Value of Natural Gas Report." 1996-1999: EIA, Form EIA-176, Form EIA-759, Form EIA-64A, and Form EIA-895, "Monthly Quantity and Value of Natural Gas Report."

Figure 24. Average Price of Natural Gas Delivered to U.S. Consumers, 1967-1999



**Sources:** Electric Utilities: 1967-1977: Federal Power Commission (FPC). 1978-1993: Energy Information Administration (EIA), Form EIA-759, "Monthly Power Plant Report;" Federal Energy Regulatory Commission (FERC), Form FERC-423, "Cost and Quality of Fuels for Electric Utility Plants" and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." All other data: 1967-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration, Energy Data Report, *Natural Gas Annual*. 1979: Energy Information Administration, *Natural Gas Production and Consumption 1979*. 1980-1999: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Federal Energy Regulatory Commission (FERC), Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 95. Average Price of Natural Gas Delivered to U. S. Consumers, 1967-1999**  
(Dollars per Thousand Cubic Feet)

Year	Delivered to Consumers				
	Residential	Commercial	Industrial	Vehicle	Electric Utilities
1967	1.04	0.74	0.34	NA	0.28
1968	1.04	0.73	0.34	NA	0.22
1969	1.05	0.74	0.35	NA	0.27
1970	1.09	0.77	0.37	NA	0.29
1971	1.15	0.82	0.41	NA	0.32
1972	1.21	0.88	0.45	NA	0.34
1973	1.29	0.94	0.50	NA	0.38
1974	1.43	1.07	0.67	NA	0.51
1975	1.71	1.35	0.96	NA	0.77
1976	1.98	1.64	1.24	NA	1.06
1977	2.35	2.04	1.50	NA	1.32
1978	2.56	2.23	1.70	NA	1.48
1979	2.98	2.73	1.99	NA	1.81
1980	3.68	3.39	2.56	NA	2.27
1981	4.29	4.00	3.14	NA	2.89
1982	5.17	4.82	3.87	NA	3.48
1983	6.06	5.59	4.18	NA	3.58
1984	6.12	5.55	4.22	NA	3.70
1985	6.12	5.50	3.95	NA	3.55
1986	5.83	5.08	3.23	NA	2.43
1987	5.54	4.77	2.94	NA	2.32
1988	5.47	4.63	2.95	NA	2.33
1989	5.64	4.74	2.96	NA	2.43
1990	5.80	4.83	2.93	3.39	2.38
1991	5.82	4.81	2.69	3.96	2.18
1992	5.89	4.88	2.84	4.05	2.36
1993	6.16	5.22	3.07	4.27	2.61
1994	6.41	5.44	3.05	4.11	2.28
1995	6.06	5.05	2.71	3.98	2.02
1996	6.34	5.40	3.42	4.34	2.69
1997	6.94	5.80	3.59	4.44	2.78
1998	6.82	5.48	3.14	4.59	2.40
1999	6.69	5.33	3.10	4.34	2.62

NA = Not available.

**Notes:** Beginning in 1987, prices for deliveries to consumers are calculated using only on-system sales data. Due to large amounts of missing data for values of lease and plant fuel since 1987, prices are not estimated. In previous years, imputations were made for missing data and a price was calculated using reported and imputed data to derive a total value for gas consumed. Since total consumption value estimates were not made since 1987, no lease and plant fuel value estimate was made. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

**Sources:** Electric Utilities: 1967-1977: Federal Power Commission (FPC). 1978-1996: Energy Information Administration (EIA), Form EIA-759, "Monthly Power Plant Report"; Federal Energy Regulatory Commission (FERC), Form FERC-423, "Cost and Quality of Fuels for Electric Utility Plants"; and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." All other data: 1967-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: EIA, Energy Data Report, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production and Consumption*, 1979. 1980-1999: EIA, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

# **Appendix A**

## **Summary of Data Collection and Report Methodology**

## Appendix A

# Summary of Data Collection Operations and Report Methodology

The 1999 data for the Natural Gas Annual are taken primarily from Form EIA-176, “Annual Report of Natural and Supplemental Gas Supply and Disposition” and Form EIA-895, “Monthly Quantity and Value of Natural Gas Report.” Each of these surveys and all other sources of data for this report are discussed separately in the following sections.

## Form EIA-176

### *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 revision 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 consumers for the account of others. The revised form was approved for use during report years 1987 through 1989. 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 filed the short form. Usually, these companies were 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 (OMB) approval in 1993, the Form EIA-176 was revised. All deliveries to consumers were categorized as firm or interruptible. Commercial and industrial consumers are further categorized as nonutility power producers or as without nonutility power production.

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

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

Data reported on this form are not considered proprietary. Response to the form continues to be mandatory.

In January 2000, forms for report year 1999 were mailed to all identified interstate natural gas pipeline companies; intrastate natural gas pipeline companies; investor and municipally owned natural gas distributors; underground natural gas storage operators; synthetic natural gas plant operators; field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities) other than for lease or plant use or processing; and field, well, or processing-plant operators that transport gas to, across, or from a State border through field or gathering facilities. Detailed instructions for completing the form were included in each survey package.



Completed forms were returned to the Natural Gas Division, Office of Oil & Gas, where each was checked for errors, corrected as necessary, and processed into computer-generated State and national data summaries.

### ***Change in Definition of Consumption Sector***

With the 1996 annual reporting cycle, the Energy Information Administration changed the customer category used for reporting deliveries to consumers in the agricultural industry from commercial to industrial. Most natural gas consumed in agriculture is used to drive irrigation systems and to dry crops. Separate reports of the volumes affected are not available so the direct impact of this change is not known.

In comparing sectoral use over time, note that:

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

### ***Response Statistics***

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

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

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

The Form EIA-176 is a five-page form consisting of seven parts. Part I of the form contains identifying information including the company identification number, the company name and address, the State for which the report is filed, and

address correction information. Part II contains certification information. The body of the form (Parts III-VII) is a multiline schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents filed completed forms with the EIA in Washington, D.C. Data for the year 1999 were due March 1, 2000.

Computer edit programs verified the report year, State code, and arithmetic totals. Further tests were made to ensure that all necessary data elements were present and that the data were reasonable and internally consistent. The computerized edit system produced error listings with messages for each failed edit test. To resolve problems, respondents were contacted by telephone and were required to file amended forms with corrected data.

All natural gas and supplemental gaseous fuels volumes were reported on a physical custody basis in thousand cubic feet, and dollar values were reported to the nearest whole dollar. All volumes were reported at 14.73 pounds per square inch absolute pressure and 60 degrees Fahrenheit. Other minor report standards were specified in the instructions booklet to assure that the filed data were consistent and could be readily processed.

### ***Comparison of the Form EIA-176 with Other Data Sources***

Comparison of the EIA-176 data with data from similar series is another method of ensuring the validity of the data published in this report. This comparison on a company-by-company basis showed significant differences that respondents were required to reconcile.

The FPC-14, "Annual Report for Importers and Exporters of Natural Gas," was discontinued in September 1995. Data on imports and exports of natural gas, as collected by the EIA-176 survey, were checked by comparing individual responses with quarterly data reports, *Natural Gas Imports and Exports*, filed with the Office of Fossil Energy, U.S. Department of Energy. These quarterly reports are required as a condition of import/export authorizations. Where discrepancies were noted, respondents were required to file corrected reports.

Similarly, data on the underground storage of natural gas were compared with submissions of Form EIA-191, "Monthly Underground Gas Storage Report." If significant differences were noted, companies were contacted to reconcile the discrepancies. During 1999, the 116 companies filing the Form EIA-191 reported total injections of 2,614 billion cubic feet and total withdrawals of 2,791 billion cubic feet. This

compares to 2,596 billion cubic feet of injections and 2,769 billion cubic feet of withdrawals, as reported on the Form EIA-176.

Data on deliveries to residential, commercial, and industrial consumers were compared with data submitted on Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." Where discrepancies were noted, respondents were required to file corrected reports for either and sometimes both surveys. Numerous telephone calls were made to clarify any misunderstandings concerning the correct filing of both forms. Typical errors included electric utility volumes combined with industrial volumes, sale for resale volumes reported as industrial consumption, cogeneration volumes not reported on Form EIA-857, and misinterpretation of general instructions.

A discussion of the comparison of the data on deliveries to electric utilities filed on Form EIA-176 and that reported in the EIA publication, *Electric Power Annual*, is included in this Appendix under "Electric Utility Data."

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

A series of manual and computerized edit checks were used to screen the Form EIA-176. The edits performed included validity, arithmetic, and analytical checks. A computerized check was also made for consistency with previous filings.

The incoming forms for the survey were reviewed prior to keying. This prescan determined if the respondent identification (ID) number and the company name and address were correct, if the data on the form appeared complete and reasonable, and if the certifying information was complete.

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

## **Form EIA-627 and Form EIA-895**

### **Survey Design**

Beginning with 1980 data, natural gas production data previously obtained on an informal basis from appropriate State agencies were collected on Form EIA-627. This form was designed by the EIA to collect annual natural gas production data from the appropriate State agencies under a standard

data reporting system within the limits imposed by the diversity of data collection systems of the various producing States. It was also designed to avoid duplication of the efforts involved in the collection of production and value data by producing States and to avoid an unnecessary respondent burden on gas and oil well operators.

In 1993, the Office of Management and Budget approved the Form EIA-627 for use in report years 1994 through 1996. In April 1999, forms for report year 1998 were mailed to the appropriate agencies in 33 States. Completed forms were returned to the Data Operations Branch of the Reserves and Natural Gas Division for review, processing, and compilation.

In 1996, the Reserves and Natural Gas Division redesigned the Form EIA-895, formerly known as the "Monthly Quantity of Natural Gas Report." The Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," has a Monthly and Annual Schedule (replaces the Form EIA-627) for quantity and value of natural gas production. The Annual Schedule is to be filed with the December Monthly Schedule each year and should include any changes or updates in previously reported monthly data.

### **Response Statistics**

Of the 33 natural gas producing States, 33 participated in the voluntary EIA-895 survey by filing the completed form or by responding to telephone contacts. Data on the quantities of nonhydrocarbon gases removed in 1999 were reported by the appropriate agencies of 11 of the 33 producing States. These 11 States accounted for 45 percent of total 1999 gross withdrawals. The State of Missouri reported zero gross withdrawals.

The commercial recovery of methane from coalbeds contribute a significant amount to the production totals in a number of States. Coalbed methane seams production quantities (in million cubic feet) are included in gross withdrawals totals for the following States: Alabama (114,657), Colorado (380,081), and New Mexico (610,062).

### **Summary of EIA-895 Data Reporting Requirements**

The Form EIA-895 is a two-page form divided into five parts. Part I requests identifying information including the name and location of the responding State agency and the name and telephone number of a contact person within the agency. Part II collects monthly data on the production of natural gas including gross withdrawals from both gas and oil wells;

Figure A1. Form EIA-176



**U.S. DEPARTMENT OF ENERGY**  
 ENERGY INFORMATION ADMINISTRATION  
 Washington, D.C. 20585

Form Approved  
 OMB No. 19050175  
 Expiration Date: 12/31/02  
 (Revised 1999)

**ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION  
 FORM EIA-176**

**REPORT YEAR**

This report is mandatory under the Federal Energy Administration Act of 1974 (Public Law 93-275). For the provisions concerning the confidentiality of information and sanctions statements, see Sections VII and VIII of the instructions.

PART I: IDENTIFICATION			
<b>Complete and return by March 1, 2000 to:</b>  Energy Information Administration: EI-45 Mail Station: 2G-024 FORSTL U.S. Department of Energy Washington, D.C. 20585 Attn: Form EIA-176 OR Fax to: (202) 586-1076 (ATTN: EIA-176)  Questions? Call (202) 586-6303		<b>Affix mailing label or enter mailing address</b>  Control (ID) No. ....	
		Name: ..... Operations in (State): ..... Street or Post Office Box: ..... City, State, Zip Code: ..... Attention: .....	
1.0 Control No.	2.0 Company Name:	3.0 Report State	EIA <input type="checkbox"/> <input type="checkbox"/> 4.0 Revised Report Indicator <input type="checkbox"/>
5.0 Company status, name, and/or address change or correction. (Check appropriate box.)			
a. <input type="checkbox"/> Name and address on mailing label are correct. b. <input type="checkbox"/> Change name, attention line, and/or mail address as indicated below. c. <input type="checkbox"/> Company was sold to, or merged with, company entered below. d. <input type="checkbox"/> Company went out of business. Customer accounts taken over by company entered below. e. <input type="checkbox"/> Other changes, corrections, or comments: _____			
5.1 Change company name and/or address to:			
a. Company Name: ..... b. Operations in (State): ..... c. Street or Post Office Box: ..... d. City, State, Zip Code: ..... e. Attention: .....			
PART II: CONTACT INFORMATION (person most knowledgeable about the reported data)			
1.0 Contact (Please Print)		2.0 Title	
3.0 Phone Number: ( ) -	4.0 Fax Number: ( ) -	5.0 E-Mail Address:	
6.0 Signature		7.0 Date	

Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.

**EIA-176, ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION**

REPORT YEAR

<b>1.0</b> Control No.	<b>2.0</b> Company Name:	<b>3.0</b> Report State	EIA	<b>4.0</b> Revised Report Indicator
			<input type="checkbox"/>	<input type="checkbox"/>

**PART III: TYPE OF COMPANY AND GAS ACTIVITIES OPERATED IN THE REPORT STATE**

<p><b>1.0</b> Type of company (check one)</p> <p>a. <input type="checkbox"/> Investor owned distributor</p> <p>b. <input type="checkbox"/> Municipally owned distributor</p> <p>c. <input type="checkbox"/> Interstate pipeline</p> <p>d. <input type="checkbox"/> Intrastate pipeline</p> <p>e. <input type="checkbox"/> Storage operator</p> <p>f. <input type="checkbox"/> SNG plant operator</p> <p>g. <input type="checkbox"/> Integrated oil and gas</p> <p>h. <input type="checkbox"/> Producer</p> <p>i. <input type="checkbox"/> Gatherer</p> <p>j. <input type="checkbox"/> Processor</p> <p>k. <input type="checkbox"/> Other (specify) _____</p>	<p><b>2.0</b> Gas Activities Operated Onsystem Within the Report State (check all that apply)</p> <table style="width:100%;"> <tr> <td style="width:33%;">a. <input type="checkbox"/> Produced Natural Gas</td> <td style="width:33%;">m. <input type="checkbox"/> Delivered for Resale</td> </tr> <tr> <td>b. <input type="checkbox"/> Gathered</td> <td>n. <input type="checkbox"/> Delivered directly to consumers</td> </tr> <tr> <td>c. <input type="checkbox"/> Processed</td> <td>o. <input type="checkbox"/> Other (specify) _____</td> </tr> <tr> <td>d. <input type="checkbox"/> Purchased</td> <td></td> </tr> <tr> <td>e. <input type="checkbox"/> Transported Interstate (between two or more states)</td> <td></td> </tr> <tr> <td>f. <input type="checkbox"/> Transported Intrastate (only within one state)</td> <td></td> </tr> <tr> <td>g. <input type="checkbox"/> Stored Underground</td> <td></td> </tr> <tr> <td>h. <input type="checkbox"/> Stored LNG</td> <td></td> </tr> <tr> <td>i. <input type="checkbox"/> Injected Propane-air</td> <td></td> </tr> <tr> <td>j. <input type="checkbox"/> Produced SNG</td> <td></td> </tr> <tr> <td>k. <input type="checkbox"/> Imported</td> <td></td> </tr> <tr> <td>l. <input type="checkbox"/> Exported</td> <td></td> </tr> </table>	a. <input type="checkbox"/> Produced Natural Gas	m. <input type="checkbox"/> Delivered for Resale	b. <input type="checkbox"/> Gathered	n. <input type="checkbox"/> Delivered directly to consumers	c. <input type="checkbox"/> Processed	o. <input type="checkbox"/> Other (specify) _____	d. <input type="checkbox"/> Purchased		e. <input type="checkbox"/> Transported Interstate (between two or more states)		f. <input type="checkbox"/> Transported Intrastate (only within one state)		g. <input type="checkbox"/> Stored Underground		h. <input type="checkbox"/> Stored LNG		i. <input type="checkbox"/> Injected Propane-air		j. <input type="checkbox"/> Produced SNG		k. <input type="checkbox"/> Imported		l. <input type="checkbox"/> Exported	
a. <input type="checkbox"/> Produced Natural Gas	m. <input type="checkbox"/> Delivered for Resale																								
b. <input type="checkbox"/> Gathered	n. <input type="checkbox"/> Delivered directly to consumers																								
c. <input type="checkbox"/> Processed	o. <input type="checkbox"/> Other (specify) _____																								
d. <input type="checkbox"/> Purchased																									
e. <input type="checkbox"/> Transported Interstate (between two or more states)																									
f. <input type="checkbox"/> Transported Intrastate (only within one state)																									
g. <input type="checkbox"/> Stored Underground																									
h. <input type="checkbox"/> Stored LNG																									
i. <input type="checkbox"/> Injected Propane-air																									
j. <input type="checkbox"/> Produced SNG																									
k. <input type="checkbox"/> Imported																									
l. <input type="checkbox"/> Exported																									

**PART IV: SUPPLY OF NATURAL AND SUPPLEMENTAL GAS RECEIVED WITHIN OR TRANSPORTED INTO REPORT STATE**

Item Description	Volume (Mcf at 14.73 psia)	Estimate/ Footnote* (*see below)	Cost (including taxes)	Estimate/ Footnote* (*see below)
<b>1.0</b> Company-owned natural gas produced onsystem .....				
<b>2.0</b> Onsystem purchases received:				
<b>2.1</b> From producers, gatherers, and/or gas processors .....				
<b>2.2</b> From pipelines and/or distribution companies .....				
<b>2.3</b> From synthetic natural gas plants or SNG pipeline .....				
<b>2.4</b> At State line or U.S. border from:				
Company _____				
State or Country <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>				
(Continue on Part VI, if more space is needed)				
<b>3.0</b> Transportation and/or exchange receipts:				
<b>3.1</b> Received within the report State .....				
<b>3.2</b> Received at the State line or U.S. border from:				
Company _____				
State or Country <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>				
(Continue on Part VI, if more space is needed)				
<b>4.0</b> Transported into the report State from:				
State or Country <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>				
(Continue on Part VI, if more space is needed)				
<b>5.0</b> Withdrawn from storage facilities:				
<b>5.1</b> Withdrawn from company-operated underground storage:				
<b>5.1.1</b> Company-owned natural gas .....				
<b>5.1.2</b> Natural gas owned by others .....				
<b>5.2</b> Company-owned natural gas received directly from underground storage operators .....				
<b>5.3</b> Received from underground storage operators for the account of others .....				
<b>5.4</b> From liquefied natural gas storage .....				
<b>6.0</b> Synthetic natural gas produced .....				
<b>7.0</b> Other sources of supply (specify source and/or kind of fuel):				
_____ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>				
(Continue on Part VI, if more space is needed)				
<b>8.0</b> Total supply within report State .....				

\* Enter **E** if data reported is an estimate; enter **F** if a footnote explaining the data is included in PART VII.

**EIA-176, ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION**  
**REPORT YEAR**

<b>1.0</b> Control No.	<b>2.0</b> Company Name:	<b>3.0</b> Report State	EIA <input type="text"/>	<b>4.0</b> Revised Report Indicator <input type="text"/>
<b>PART V: DISPOSITION OF NATURAL AND SUPPLEMENTAL GAS RECEIVED WITHIN OR TRANSPORTED OUT OF REPORT STATE</b>				
Item Description	Volume (Mcf at 14.73 psia)	Estimate/ Footnote* (*see below)	Cost (including taxes)	Estimate/ Footnote* (*see below)
<b>1.0</b> Used in well, lease, and field operations .....				
<b>2.0</b> Returned to oil and/or gas reservoirs .....				
<b>3.0</b> Used, removed, or lost in gas processing or treating plants				
<b>3.1</b> Company-operated plants::				
<b>3.1.1</b> Volume delivered to company-operated plants for redelivery .....	<input type="text"/> Mcf			
<b>3.1.2</b> Volume used for plant fuel .....				
<b>3.1.3</b> Extraction loss estimated gas phase volume of liquids extracted ...				
<b>3.1.4</b> Volume of nonhydrocarbons removed (e.g., H <sub>2</sub> S & CO <sub>2</sub> ) .....				
<b>3.1.5</b> Vented, flared, and/or lost .....				
<b>3.2</b> Plants operated by others:				
<b>3.2.1</b> Volume delivered to plants operated by others for redelivery .....	<input type="text"/> Mcf			
<b>3.2.2</b> Total volume used, removed, vented and/or flared .....				
<b>4.0</b> Added to storage facilities				
<b>4.1</b> Injected into company-operated underground storage:				
<b>4.1.1</b> Company-owned natural gas .....				
<b>4.1.2</b> Natural gas owned by others .....				
<b>4.2</b> Company owned gas delivered directly to underground storage operators ...				
<b>4.3</b> Delivered to underground storage operators for the account of others .....				
<b>4.4</b> Added to liquefied natural gas storage .....				
<b>5.0</b> Deliveries of company-owned natural gas:				
<b>5.1</b> Delivered to other pipelines within the report State .....				
<b>5.2</b> Delivered to resellers (e.g., distribution companies) .....				
<b>5.3</b> Delivered at the State line or U.S. border to:				
Company _____				
State or Country _____				
(Continue on Part VI, if more space is needed)				
<b>5.4</b> Delivered directly to consumers				
<b>5.4.1</b> Residential Sales .....	<input type="text"/>			
<b>5.4.2</b> Commercial Sales .....	<input type="text"/>			
<b>5.4.3</b> Industrial Sales .....	<input type="text"/>			
<b>5.4.4</b> Other Nonutility Power Producer Sales .....	<input type="text"/>			
<b>5.4.5</b> Electric Utility Sales .....	<input type="text"/>			
<b>5.4.6</b> Natural Gas Used as Vehicle Fuel .....	<input type="text"/>			
<b>6.0</b> Average heat content of gas delivered directly to consumers	<input type="text"/> Btu			

\* Enter E if data reported is an estimate; enter F if a footnote explaining data is included in PART VII.

**EIA-176, ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION**  
**REPORT YEAR**

<b>1.0</b> Control No.	<b>2.0</b> Company Name:	<b>3.0</b> Report State	EIA	<b>4.0</b> Revised Report Indicator
<b>PART V: DISPOSITION OF NATURAL AND SUPPLEMENTAL GAS RECEIVED WITHIN OR TRANSPORTED OUT OF REPORT STATE (continuation)</b>				
Item Description	Volume (Mcf at 14.73 psia)	Estimate/ Footnote* (*see below)	Cost (including taxes)	Estimate/ Footnote* (*see below)
<b>7.0</b> Natural gas transported for the account of others				
<b>7.1</b> Delivered to other pipelines within the report State .....				
<b>7.2</b> Delivered to resellers for the account of others .....				
<b>7.3</b> Delivered at the State line or U.S. border to:				
Company				
State or Country <input type="text"/>				
(Continue on Part VI, if more space is needed)				
<b>7.4</b> Transported and delivered to consumers for the account of others:				
	<b>Number of Consumers</b>			
<b>7.4.1</b> Residential Consumers .....	<input type="text"/>			
<b>7.4.2</b> Commercial Consumers .....	<input type="text"/>			
<b>7.4.3</b> Industrial Consumers .....	<input type="text"/>			
<b>7.4.4</b> Other Nonutility Power Producer Consumers .....	<input type="text"/>			
<b>7.4.5</b> Electric Utility Consumers .....	<input type="text"/>			
<b>7.4.6</b> Natural Gas Used as Vehicle Fuel .....	<input type="text"/>			
<b>8.0</b> Deliveries of exchange gas or storage gas				
<b>8.1</b> Delivered at point(s) within the report State .....				
<b>8.2</b> Delivered at the State line or U.S. Border to:				
Company				
State or Country <input type="text"/>				
(Continue on Part VI, if more space is needed)				
<b>9.0</b> Used in pipeline, storage and/or distribution operations .....				
<b>10.0</b> Other disposition (specify)				
<input type="text"/>				
(Continue on Part VI, if more space is needed)				
<b>11.0</b> Total disposition accounted for .....				
<b>12.0</b> Unaccounted for gas supply (+) or disposition (-) .....				

\* Enter **E** if data reported is an estimate; enter **F** if a footnote explaining data is included in PART VII.

**EIA-176, ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION**  
**REPORT YEAR**

<b>1.0</b> Control No.	<b>2.0</b> Company Name:	<b>3.0</b> Report State	EIA <input type="checkbox"/> <input type="checkbox"/>	<b>4.0</b> Revised Report Indicator <input type="checkbox"/>	
<b>PART VI: CONTINUATION SHEET (To be used only if insufficient space was provided on Part IV and/or Part V)</b>				Sheet <input type="text"/> of <input type="text"/>	
Supply (Continued)		Volume (Mcf at 14.73 psia)	Estimate/ Footnote* (*see below)	Cost or Revenue (including taxes)	Estimate/ Footnote* (*see below)
<b>PART IV, 2.4:</b> On-system purchases received at State line or U.S. border from: (Continued)					
Company	<input type="text"/>				
State or Country	<input type="text"/>				
Company	<input type="text"/>				
State or Country	<input type="text"/>				
<b>PART IV, 3.2:</b> Transportation and/or exchange receipts at State line or U.S. border from: (Continued)					
Company	<input type="text"/>				
State or Country	<input type="text"/>				
Company	<input type="text"/>				
State or Country	<input type="text"/>				
<b>PART IV, 4.0:</b> Transported into the report State from: (Continued)					
State or Country	<input type="text"/>				
State or Country	<input type="text"/>				
State or Country	<input type="text"/>				
State or Country	<input type="text"/>				
<b>PART IV, 7.0:</b> Other sources of supply (specify source and/or kind of fuel): (Continued)					
	<input type="text"/>				
	<input type="text"/>				
Disposition (Continued)					
<b>PART V, 5.3:</b> Company-owned natural gas deliveries at State line or U.S. border to: (Continued)					
Company	<input type="text"/>				
State or Country	<input type="text"/>				
Company	<input type="text"/>				
State or Country	<input type="text"/>				
<b>PART V, 7.3:</b> Transported for the account of others out of report State to: (Continued)					
State or Country	<input type="text"/>				
State or Country	<input type="text"/>				
State or Country	<input type="text"/>				
State or Country	<input type="text"/>				
<b>PART V, 8.2:</b> Deliveries of exchange gas at State line or U.S. border to: (Continued)					
Company	<input type="text"/>				
State or Country	<input type="text"/>				
Company	<input type="text"/>				
State or Country	<input type="text"/>				
<b>PART V, 10.0:</b> Other disposition (specify): (Continued)					
	<input type="text"/>				
	<input type="text"/>				

\* Enter **E** if data reported is an estimate; enter **F** if a footnote explaining the data is included in PART VII. Page 5





volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; and marketed production. Part III of the form is for reporting the monthly volume and value of marketed production. Part IV of the form is for reporting the annual data, including the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; value of marketed production; and quantity of marketed production (value based). Part V is space to be used by the respondent to explain data elements reported that may be based on definitions differing from those applied to data in previous years.

### ***Routine Form EIA-895 Edit Checks***

Each filing of the Form EIA-895 is manually checked for reasonableness and mathematical accuracy. Volumes are converted, as necessary, to a standard 14.73 psia pressure base. Value data are compared to the previous year's data for reasonableness. When data on nonhydrocarbon gases removed, gas vented and flared, and gas used for repressuring are not reported for a State that historically reported one or more of these items, a volume is imputed. The imputation is based on the average ratio of gas volumes in the missing category to total gross withdrawals in States with values reporting gas in that category. This average ratio is applied to the volume of total gross withdrawals reported by the State to calculate the volume for the missing items. State agencies are contacted by telephone in order to correct errors. Amended filings or resubmissions are not a requirement, since participation in the survey is voluntary.

### ***Comparison of the Form EIA-895 with Other Data Sources***

Annual production data, as reported on the Form EIA-895, are compared to the sum of monthly data previously reported on the Monthly Schedule. The comparison is made in order to assure the reasonableness of the data reported on the Form EIA-895, Annual Schedule. Any significant differences are resolved by contacting the reporting State.

For discussion of the comparison of production data collected on Form EIA-895 and that collected on Form EIA-23, "Annual Survey of Domestic Oil and Gas Reserves," see the EIA report, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*.

## **Electric Utility Data**

Declines in electric utility consumption and increases in industrial consumption may reflect the restructuring of the electric utility industry. As this restructuring proceeds, electricity generation plants have been sold to corporate entities that are not regulated utilities and the classification of those plants immediately changes. The volumes of gas previously reported as consumed by electric utilities are now reported delivered to "other nonutility generators." In this publication, the Energy Information Administration includes natural gas volumes consumed by these nonutility generators as part of industrial consumption.

The electric utility data published in this report are taken from the Forms EIA-759, "Monthly Power Plant Report" and FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." These data were used in order to maintain consistency among EIA publications. Electric data are necessary on the Form EIA-176 to provide a supply/disposition balance on the form. Differences in the two surveys are apparent in the results published in Table 14, "Natural Gas Deliveries to Consumers by State," and Table 17, "Natural Gas Delivered to Electric Utilities for the Account of Others by State," where volumes in Table 17 sometimes exceed volumes in Table 14. A State-by-State comparison of the reported volumes of natural gas, as collected on the Forms EIA-176 and EIA-759 is shown in Table A1. The national totals differ by 320 billion cubic feet or 11.5 percent in relative terms.

While processing the data reported on the Form EIA-176, the EIA made special efforts to determine the reasons for the differences in reporting of electric utility data on the Forms EIA-176 and EIA-759. Typical instances of misreporting occurred in the reporting of gas delivered to electric utilities for the account of others. Some companies reported these deliveries under sales for resale. Others reported them under transportation, exchange and/or storage deliveries. A few others reported them under transported to industrials. Companies making mistakes were asked to refile, and new companies were asked to file when they were found making deliveries of gas. Most companies were cooperative, and their refilings and new filings improved the accuracy of the data.

## **Other Data Sources**

The U.S. Minerals Management Service (USMMS) supplied data on the quantity and value of natural gas production and the number of producing wells in the Gulf of Mexico Outer Continental Shelf. Volumes of extraction losses were

Figure A2. Form EIA-895



U.S. DEPARTMENT OF ENERGY  
 Energy Information Administration  
 Washington, D.C. 20585

Form Approval  
 OMB No. 19050192  
 Expiration Date: 12/31/02  
 (Revised 1999)

**MONTHLY QUANTITY AND VALUE OF NATURAL GAS REPORT  
 FORM EIA-895**

This report is voluntary under Public Law 93-275. For the provisions concerning the confidentiality of information and sanctions, see Sections VI and VII of the instructions.		
<b>PART I. IDENTIFICATION DATA</b>		
1. Name of State Reporting	2. Report Period:    Month                      Year <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
3. Name of Office/Agency	Complete and return forms to:  Energy Information Administration, EI-45 Mail Station: 2G-024 FORSTL Washington, D. C. 20585 Attn: EIA-895  OR Fax to: (202) 586-1076  Questions? Call (202) 586-6119	
4. Office Address (Street, City, State, Zip Code)		
<b>PART II. NATURAL GAS VOLUMES (Report All Volumes in Thousands of Cubic Feet)</b>		
Enter the pressure base at which all volumes are reported (psia at 60 degrees Fahrenheit)		
Item	Volume (Thousand cubic feet)	
Gross Withdrawals (excluding lease condensate)		
Gas and Condensate Wells		
Oil Wells (Casinghead)		
TOTAL		
Used for Repressuring		
Vented and Flared		
Nonhydrocarbon Gases Removed		
Natural Gas Used as Fuel on Leases		
Marketed Production (Excluding Lease Fuel)		
<b>PART III. QUANTITY AND VOLUME OF MARKETED PRODUCTION</b>		
Volume (thousand cubic feet)	Value (thousand dollars)	
<b>PART III. CONTACT INFORMATION (person most knowledgeable about the reported data)</b>		
5. Contact Name:	6. Title:	
7. Phone Number: (    )    -	8. Fax Number: (    )    -	9. E-Mail Address:
10. Signature:		11. Date:

Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.

**MONTHLY QUANTITY AND VALUE OF NATURAL GAS REPORT  
 FORM EIA-895**

<b>PART IV: ANNUAL SCHEDULE (to be completed when a calendar year of monthly reports has been completed)</b>										
Enter the total number of producing gas wells in operation as of December 31 for the reporting year										
Enter the pressure base at which all volumes are reported (psia at 60° degrees Fahrenheit)										
Month	Gas and Condensate Wells	Oil Wells (Casinghead)	Total	Used for Repressuring Etc.	Vented and Flared	Non-hydrocarbon Gases Removed	Natural Gas Used as Fuel on Leases	Marketed Production	Value of Marketed Production	Quantity of Marketed Production (Value Based)
January										
February										
March										
April										
May										
June										
July										
August										
September										
October										
November										
December										
<b>Total</b>										
<b>PART V: COMMENTS</b>										

reported on Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production." Heat (Btu) content extraction loss was estimated from data reported on Form EIA-64A and Form EIA-816, "Monthly Natural Gas Liquids Report." Volumes and prices of natural gas imports and exports were reported to the Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*. These data are nonproprietary and are filed annually by each individual or organization having authorization to import and export natural gas.

## Report Methodology

### **Marketed Production**

Marketed production of natural gas is taken from responses to Part IV of the Form EIA-895. It is the quantity of natural gas produced that is available for marketing and is reported in Tables 3 and 6. It refers to quantities of gas available after processes related to production are complete. These processes are repressuring, pressure maintenance, cycling, venting and flaring, removing nonhydrocarbon gases, using fuel on the lease.

Average wellhead prices are calculated from volumes and values reported in Part IV of the Form EIA-895. These data are shown as "Reported Wellhead Value" in Table 6. The volumes in this section refer to the actual amounts of natural gas reported to the States as sold.

In many States, the marketed production volumes are larger than the reported wellhead value volumes. Differences in these volumes generally result from differences in definition and reporting requirements for separate data systems in the State. For example, while production quantities of federal, tribal, and State royalty gas are included in marketed production, some State reporting rules exclude these quantities from reported wellhead value volumes.

### **Natural Gas Processed and Extraction Loss**

Extraction loss is the reduction in the volume of natural gas available for disposition resulting from the removal of natural gas liquid constituents at natural gas processing plants. It represents that portion of the "raw" gas stream that is transferred from the natural gas supply chain to the petroleum and natural gas liquids supply chain. Extraction loss does not include the reduction in volume resulting from the removal of nonhydrocarbon constituents or gas used as fuel, vented, flared, or otherwise disposed of within natural gas processing plants. Extraction loss also results in a reduction in the total heat (Btu) content of the natural gas stream equal to the heat content of the liquids extracted.

The Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production," collects data on the volume of natural gas received for processing, the total quantity of natural gas liquids produced, and the resulting shrinkage (defined as extraction loss in this report) from all natural gas processing- and cycling-plant operators. The quantity of natural gas received and liquids produced are reported by State of origin of the natural gas. Shrinkage volumes are calculated and reported by plant operators based upon the chemical composition of the liquids extracted using standard conversion factors specified in the form instructions. A description of the Form EIA-64A survey is presented in the EIA publication, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*.

The heat (Btu) content of liquids extracted is not reported on the Form EIA-64A. Therefore, in order to estimate the extraction loss heat content, data reported on the Form EIA-816, "Monthly Natural Gas Liquids Report," were used to determine the individual products contained in the total liquids reported on Form EIA-64A. A description of the Form EIA-816 survey is presented in the EIA publication, *Petroleum Supply Annual 1999, Volume II*.

To estimate the quantities of individual products extracted in each State, data from the Form EIA-64A survey were used to determine the total liquids production, and data from the Form EIA-816 survey were used to estimate the quantities of the individual products contained in those total liquids.

The Form EIA-816 captures information on the quantity of individual components (i.e., ethane, propane, normal butane, isobutane, and pentanes plus) produced or contained in mixes of plant liquids as determined by chemical analysis. The volumetric ratios of the individual components to the total liquids, as calculated from the 12 monthly Form EIA-816 reports for each State, were applied to the annual total liquids production, as reported on the Form EIA-64A, to estimate the quantities of individual components removed at gas-processing plants.

The heat (Btu) content of extracted liquids was estimated by applying conversion factors to the estimated quantities of products extracted in each State. These conversion factors, in million Btu per barrel of liquid produced, were ethane, 3.082; propane, 3.836; normal butane, 4.326; isobutane, 3.974; and pentane plus, 4.620. It should be noted that, at the State level, extraction losses are not necessarily related to State production. Gas processed in States may have originated, or been produced in other States. Some gas requires no processing.

## **Lease and Plant Fuel**

Lease and plant fuel represent those quantities of natural gas used in well, field, and/or lease operations (such as gas used in drilling operations, heaters, dehydrators, and field compressors) and as fuel in natural gas processing plants.

Lease fuel data were collected for report year 1999, on the Form EIA-895, "Monthly Quantity and Value of Natural Gas Report." Of the 33 States reporting on the Form EIA-895, 21 States reported quantities of natural gas used as lease fuel. In the absence of reporting quantities on the Form EIA-895, the Form EIA-176 was used to estimate lease fuel quantities. Although EIA recognizes that lease data collected on the Form EIA-176 do not constitute a census or result from a statistically selected sample, the data collected in the survey provide the best information available to the EIA for estimating such usage. To estimate lease use during 1999 (Table 13), several simplifying assumptions were made:

- The quantity of gas used for lease fuel was assumed to be a function of gross withdrawals of natural gas from gas and oil wells.
- The average proportion of company-owned on-system production reported as used in lease operations by respondents to the Form EIA-176 was assumed to be typical of the average use by all operators as a proportion of gross withdrawals.
- Average usage was calculated separately for Alaska and for the lower 48 States to reflect the distinctive field operations in Alaska, particularly on the North Slope.

Form EIA-176 respondents reported volumes of company-owned onsystem production amounting to 7 percent of 1999 gross withdrawals (37 percent of gross withdrawals in Alaska and 2.3 percent of withdrawals in the lower 48 States). Lease use reported by respondents averaged 2.4 percent of reported production in Alaska and 4.7 percent of reported production in the lower 48 States. The fuel use estimates shown in Table 13 were calculated by applying the above ratios to the gross withdrawals from various States (Table 3) not reporting lease use on the EIA-895.

## **Natural Gas Consumed as a Vehicle Fuel**

Data on deliveries of natural gas delivered for use as a vehicle fuel were collected for the first time in 1990. In 1990 and 1991 deliveries of natural gas for vehicle fuel use were included with volumes delivered to commercial consumers. Beginning

with the *Natural Gas Annual 1992*, vehicle fuel volumes are no longer included with commercial volumes.

## **Coverage of Consumer Prices**

Coverage for prices varies by consumer sector as discussed below. All average prices are computed by dividing the reported revenue by its associated sales volume. Prices for deliveries of natural gas to consumers, except electric utilities, are calculated from reports to Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." City gate prices are calculated from reports to the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." Both of these forms are completed by companies that deliver natural gas to end-use consumers.

With the unbundling of services in the natural gas industry, pipeline and local distribution companies provide transportation service for their end-user customers. In this report, those volumes are described as deliveries of gas for the account of others. When companies that deliver gas are the sellers of that gas, they are able to report the associated revenue to the Energy Information Administration. Those volumes are described as onsystem sales. When the firm that physically delivers gas to the end user acts as a transportation agent, it does not know the sales price of the gas. Respondents, therefore, do not report a revenue amount associated with deliveries for the account of others in their submissions of the Form EIA-176.

**City gate:** City gate prices represent the total cost paid by gas distribution companies for gas received at the point where the gas is physically transferred from a pipeline company or transmission system. This price is intended to reflect all charges for the acquisition, storage, and transportation of gas as well as other charges associated with the LDC's obtaining the gas for sale to consumers.

Prices for gas delivered to the city gate represent all of the volumes of gas delivered. Since these prices are reported on a monthly form, the annual average city gate price is calculated by summing the monthly revenues reported and dividing that figure by the sum of the monthly reported volumes.

**Residential:** Prices in this publication for the residential sector cover nearly all of the volumes of gas delivered.

**Commercial and Industrial:** Prices for the commercial and industrial sectors are often associated with relatively small volumes of the total gas delivered. This occurs because they are reported by those that deliver gas and not by either the gas resellers or by the consumers. Beginning with the reporting of 1996 data, the EIA has changed the customer classification

used for reporting deliveries to consumers in the agricultural industry from commercial to industrial. This change affects the calculation of prices because these volumes and revenues previously classified as commercial are now classified as industrial. Separate reports of the volumes and revenues affected are not available so the direct impact of this change is not known.

Facilities that generate electricity but are not regulated are known as nonutility power producers. A nonutility power producer may be a commercial facility, an industrial facility, or a facility that produces electricity for resale. Deliveries of natural gas to nonutility power producers are reported on the Form EIA-176. The volumes and associated revenues for deliveries to nonutility producers who are primarily commercial establishments are included in the calculation of commercial prices. Those for deliveries to both nonutility producers who are primarily industrial establishments and nonutility establishments that produce electricity for resale are included in the calculation of industrial prices.

**Electric Utilities:** Prices for natural gas are also reported to the EIA on the Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," a consumer survey form. Electric utility prices in this report are taken from this form. The respondents are all large regulated electric utilities that report consumption and prices of fuels and represent most of the volumes delivered to electric utilities. These prices are also published in the EIA report, *Cost and Quality of Fuels for Electric Utility Plants*. Prices to electric utilities, because they are derived from a survey of the utilities themselves, represent most of the volumes consumed by this sector.

**Vehicle Fuel:** Most of the natural gas delivered for vehicle fuel represents deliveries to refueling stations that are used primarily or exclusively by fleet vehicles. Thus, the prices are often those associated with the operation of fleet vehicles and may be based on internal transfer prices for companies primarily in the natural gas business.

### **Natural Gas Balancing Item**

The natural gas 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. It is calculated for each State as the result of a comparison between total reported supply and total reported disposition (Table 2). In the formula used, total reported supply is the sum of marketed production, net interstate movements, net movements across U.S. borders, and supplemental gaseous fuels supply. Total reported disposition is the sum of extraction loss, net storage changes (net additions to storage), and

consumption. When this calculation results in a negative quantity for the balancing item it represents an excess of reported supply in relation to reported disposition, and positive quantities indicate the opposite situation.

The differences between supply and demand represent quantities lost, the net result of gas company conversions of flow data metered at varying temperature and pressure conditions to a standard temperature and pressure base, metering inaccuracies, the effect of variations in company accounting and billing practices, differences between billing cycle and calendar-period time frames, and imbalances resulting from EIA's merger of data reporting systems, which vary in scope, format, definitions, and type of respondents. The balancing items in individual States may also reflect the underreporting on Form EIA-176 of gas transported across State borders for the account of others by some interstate pipelines.

### **Census Divisions**

The Bureau of the Census, U.S. Department of Commerce, has grouped the 50 States and the District of Columbia into Census divisions. Some of the tables and graphs in this report show data by Census division. These groupings are:

**New England:** Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

**Middle Atlantic:** New Jersey, New York, and Pennsylvania.

**East North Central:** Illinois, Indiana, Michigan, Ohio, and Wisconsin.

**West North Central:** Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota.

**South Atlantic:** Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia.

**East South Central:** Alabama, Kentucky, Mississippi, and Tennessee.

**West South Central:** Arkansas, Louisiana, Oklahoma, and Texas.

**Mountain:** Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming.

**Pacific Contiguous:** California, Oregon, and Washington.

**Pacific Noncontiguous:** Alaska and Hawaii

**Table A1. Comparison of Electric Utility Natural Gas Consumption Data by State, 1999**  
(Million Cubic Feet)

State	Form EIA-176	Form EIA-759	Difference	MDP <sup>a</sup>
Alabama.....	17,039	20,918	3,879	22.8
Alaska.....	29,720	30,529	810	2.7
Arizona.....	51,577	50,875	-702	1.4
Arkansas.....	38,197	40,088	1,891	5.0
California.....	141,730	144,655	2,924	2.1
Colorado.....	20,048	19,155	-893	4.7
Connecticut.....	13,704	13,095	-609	4.7
Delaware.....	19,587	19,878	292	1.5
Florida.....	330,659	319,274	-11,385	3.6
Georgia.....	23,713	20,537	-3,175	15.5
Illinois.....	47,334	40,716	-6,619	16.3
Indiana.....	11,459	7,655	-3,803	49.7
Iowa.....	9,509	5,249	-4,261	81.2
Kansas.....	25,696	35,889	10,193	39.7
Kentucky.....	1,138	5,590	4,453	391.4
Louisiana.....	253,735	320,328	66,593	26.2
Maryland.....	18,224	16,399	-1,824	11.1
Massachusetts.....	8,426	8,141	-285	3.5
Michigan.....	49,920	51,122	1,203	2.4
Minnesota.....	4,557	6,595	2,038	44.7
Mississippi.....	111,273	101,623	-9,650	9.5
Missouri.....	14,142	19,427	5,285	37.4
Montana.....	326	289	-38	13.0
Nebraska.....	1,890	4,555	2,665	141.0
Nevada.....	66,750	65,105	-1,645	2.5
New Hampshire.....	0	572	572	0
New Jersey.....	31,396	32,650	1,254	4.0
New Mexico.....	36,538	35,581	-957	2.7
New York.....	171,661	181,823	10,162	5.9
North Carolina.....	10,347	10,584	237	2.3
North Dakota.....	4	0	-4	0
Ohio.....	9,251	11,105	1,854	20.0
Oklahoma.....	131,742	169,845	38,103	28.9
Oregon.....	19,558	23,292	3,733	19.1
Pennsylvania.....	10,729	10,376	-353	3.4
South Carolina.....	4,953	5,118	165	3.3
South Dakota.....	160	2,527	2,368	—
Tennessee.....	6,884	3,460	-3,424	98.9
Texas.....	952,244	1,207,293	255,049	26.8
Utah.....	6,513	6,478	-35	0.5
Vermont.....	276	250	-27	10.7
Virginia.....	71,776	23,457	-48,318	206.0
Washington.....	3,598	6,693	3,095	86.0
West Virginia.....	195	385	190	97.7
Wisconsin.....	15,312	14,077	-1,235	8.8
Wyoming.....	0	167	167	0
<b>Total.....</b>	<b>2,793,489</b>	<b>3,113,419</b>	<b>319,930</b>	<b>11.5</b>

<sup>a</sup> Relative comparisons are expressed as the maximum difference percentage (MDP), or the absolute value of the difference between two volumes divided by the smaller of the two volumes, multiplied by 100.  
— = Not applicable.

**Note:** Totals may not equal sum of components due to independent rounding.  
**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Form EIA-759, "Monthly Power Plant Report."

**Table A2. Natural Gas Unaccounted for by State, 1995-1999**  
(Million Cubic Feet)

State	1995	1996	1997	1998	1999
Alabama.....	9,997	-2,954	15,799	32,788	3,021
Alaska.....	-592	1,032	-1,790	3,923	-1,993
Arizona.....	2,606	1,191	2,975	-40,211	23,178
Arkansas.....	8,881	7,639	7,569	3,985	4,301
California.....	174,506	277,924	292,339	61,625	-9,344
Colorado.....	8,734	6,652	9,110	11,664	15,001
Connecticut.....	3,826	1,055	334	2,187	1,948
D.C.....	1,006	784	1,074	794	1,398
Delaware.....	2,065	438	5,935	4,808	-1,254
Florida.....	3,554	-4	4,391	3,105	8,645
Georgia.....	3,712	1,666	-1,260	9,828	-49,244
Hawaii.....	21	88	6	61	17
Idaho.....	8,893	-18,969	-61,021	-19,015	-11,107
Illinois.....	30,648	10,867	15,349	14,312	8,777
Indiana.....	539	-3,307	11,848	10,081	6,268
Iowa.....	4,849	4,500	5,370	34,578	17,180
Kansas.....	14,287	7,904	25,939	22,666	11,636
Kentucky.....	9,808	9,410	8,345	409	2,041
Louisiana.....	10,248	19,555	40,760	82,184	-15,447
Maine.....	292	241	231	78	570
Maryland.....	9,879	5,592	12,147	6,588	9,570
Massachusetts.....	1,091	-5,692	1,359	4,702	11,798
Michigan.....	4,028	16,836	42,875	2,685	32,940
Minnesota.....	-32,466	6,703	4,855	825	3,643
Mississippi.....	21,441	13,047	18,066	-122,470	18,000
Missouri.....	13,981	1,596	5,779	7,267	9,669
Montana.....	-5,345	-6,233	-6,635	2,146	-1,613
Nebraska.....	2,403	4,354	1,531	1,630	-281
Nevada.....	533	1,479	2,795	623	-1,947
New Hampshire.....	453	466	1,046	149	540
New Jersey.....	1,790	-741	3,500	-16,615	-22,294
New Mexico.....	9,924	6,859	2,010	-2,065	-13,432
New York.....	18,129	940	126,641	115,611	42,660
North Carolina.....	7,640	1,300	8,125	-274	27,932
North Dakota.....	-66	1,259	1,041	7,590	-137
Ohio.....	31,518	16,344	-67,821	6,586	32,614
Oklahoma.....	13,742	302	-32,983	29,312	-14,856
Oregon.....	5,406	1,560	1,603	3,116	390
Pennsylvania.....	18,220	-4,426	12,631	6,187	-7,268
Rhode Island.....	2,362	-646	-2,652	-3,400	-2,901
South Carolina.....	2,315	846	2,807	138	1,049
South Dakota.....	1,107	994	500	1,227	-339
Tennessee.....	8,123	11,613	8,426	1,630	6,955
Texas.....	-6,590	51,729	10,262	-73,153	40,909
Utah.....	5,669	15,207	35,469	3,895	7,090
Vermont.....	802	1,817	4,690	777	-915
Virginia.....	8,328	4,810	7,057	5,521	7,789
Washington.....	66,580	68,447	59,159	1,772	-1,662
West Virginia.....	8,561	5,044	64,475	11,554	6,709
Wisconsin.....	5,402	-2,756	7,001	7,791	4,770
Wyoming.....	-1,784	3,911	5,349	7,961	5,498
<b>Total.....</b>	<b>521,057</b>	<b>548,274</b>	<b>724,409</b>	<b>259,157</b>	<b>218,475</b>

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."



# **Appendix B**

## **Metric and Thermal Conversion Tables**

## Appendix B

### Metric and Thermal Conversion Tables

#### **Metric Conversions**

Table B1 presents Summary Statistics for Natural Gas in the United States for 1995 through 1999 in metric units of measure. Volumes are shown in cubic meters instead of cubic feet. Prices are shown in dollars per thousand cubic meters instead of dollars per thousand cubic feet. The data in this table have been converted from the data that appear in Table 1 of this report.

#### **Thermal Conversions**

Table B2 presents the thermal (Btu) conversion factors and the converted data for natural gas supply and disposition from 1995 through 1999. A brief documentation for the thermal conversion factors follows:

- *Marketed Production.* The conversion factor is calculated by adding the total heat content of dry production to the total heat content of extraction loss and dividing the resulting sum by the total quantity of dry production and extraction loss (see below).
- *Extraction Loss.* The conversion factor is based on data from Table 7 of this publication.
- *Dry Production.* The conversion factor is assumed to be the same as the thermal conversion factors for consumption (see below).
- *Receipts at U.S. Borders.* The conversion factor for 1994 imports was obtained from the discontinued Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." The 1994 conversion factor has been applied to volumes reported through 1998. Intransit receipts are assumed to have the same average heat content as imports.
- *Withdrawals from Storage.* Both underground and LNG storage withdrawals are assumed to have the same heat content as consumption (see below).
- *Supplemental Gas Supplies.* This conversion factor is assumed to be the same as that for consumption (see below).
- *Balancing Item.* This conversion factor is calculated by subtracting the total heat content of all other items of supply from the heat content of total disposition (from Table B2) and dividing the difference by the balancing item quantity.
- *Consumption.* The thermal conversion factor for total consumption (lease fuel, plant fuel, pipeline fuel, and deliveries to consumers) is the average heat content for deliveries to end users as reported on Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." Average heat content of electric utility consumption is obtained from EIA's *Electric Power Annual*. The factor for other sectors consumption is calculated by subtracting the total heat content of electric utility consumption from the heat content of total consumption and dividing the difference by the quantity of other sectors consumption (total consumption less electric utility consumption).
- *Deliveries at U.S. Borders.* The conversion factor for 1994 exports was obtained from the discontinued Form FPC-14. The 1994 conversion factor has been applied to volumes reported through 1998. Intransit deliveries are assumed to have the same average heat content as exports.
- *Additions to Storage.* Additions to both underground and LNG storage are assumed to have the same heat content as consumption (see above).

Table B1. Summary Statistics for Natural Gas in the United States, Metric Equivalents, 1995-1999

	1995	1996	1997	1998	1999
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	298,541	301,811	310,971	R316,929	307,449
<b>Production (million cubic meters)</b>					
Gross Withdrawals					
From Gas Wells.....	489,373	502,265	505,287	R501,753	496,704
From Oil Wells.....	182,972	180,554	180,340	R180,576	175,973
<b>Total.....</b>	<b>672,345</b>	<b>682,819</b>	<b>685,627</b>	<b>R682,329</b>	<b>672,677</b>
Repressuring .....	-100,950	-99,413	-98,869	R-97,327	-93,576
Nonhydrocarbon Gases Removed.....	-10,998	-14,680	-16,953	R-17,442	-17,265
Wet After Lease Separation.....	560,396	568,726	569,804	R567,560	561,836
Vented and Flared.....	-8,035	-7,705	-7,259	R-6,640	-6,943
Marketed Production .....	552,362	561,020	562,545	R560,921	554,893
Extraction Loss.....	-25,706	-27,133	-27,291	-26,555	-25,520
<b>Total Dry Production.....</b>	<b>526,656</b>	<b>533,888</b>	<b>535,255</b>	<b>R534,365</b>	<b>529,373</b>
<b>Supply (million cubic meters)</b>					
Dry Production.....	526,656	533,888	535,255	R534,365	529,373
Receipts at U.S. Borders					
Imports .....	80,450	83,178	84,786	89,256	101,530
Intransit Receipts .....	13,946	15,187	15,518	13,637	13,775
Withdrawals from Storage					
Underground Storage.....	84,217	82,440	79,974	67,319	78,481
LNG Storage .....	1,428	1,962	1,969	1,539	2,885
Supplemental Gas Supplies.....	3,123	3,099	2,921	2,894	2,782
Balancing Item.....	-6,513	6,148	1,728	R-5,087	-19,344
<b>Total Supply.....</b>	<b>703,307</b>	<b>725,902</b>	<b>722,149</b>	<b>R703,924</b>	<b>709,482</b>
<b>Disposition (million cubic meters)</b>					
Consumption .....	611,096	622,025	621,800	R602,551	614,320
Deliveries at U.S. Borders					
Exports .....	4,364	4,344	4,446	4,503	4,627
Intransit Deliveries.....	13,946	15,187	14,629	13,010	14,004
Additions to Storage					
Underground Storage.....	72,658	82,277	79,296	82,220	73,553
LNG Storage .....	1,243	2,069	1,978	1,639	2,978
<b>Total Disposition.....</b>	<b>703,307</b>	<b>725,902</b>	<b>722,149</b>	<b>R703,924</b>	<b>709,482</b>
<b>Consumption (million cubic meters)</b>					
Lease Fuel.....	22,436	22,643	21,983	R21,890	19,189
Pipeline Fuel.....	19,831	20,146	21,279	17,995	20,815
Plant Fuel.....	12,115	12,744	12,088	11,364	11,313
Delivered to Consumers					
Residential.....	137,346	148,420	141,125	128,000	133,771
Commercial .....	85,831	89,432	91,036	84,936	86,333
Industrial.....	242,947	251,182	250,107	245,964	254,575
Vehicle Fuel.....	76	83	125	144	161
Electric Utilities .....	90,515	77,376	84,057	92,258	88,162
<b>Total Delivered to Consumers .....</b>	<b>556,714</b>	<b>566,493</b>	<b>566,451</b>	<b>551,302</b>	<b>563,003</b>
<b>Total Consumption.....</b>	<b>611,096</b>	<b>622,025</b>	<b>621,800</b>	<b>R602,551</b>	<b>614,320</b>
<b>Delivered for the Account of Others (million cubic meters)</b>					
Residential.....	1,282	1,392	1,728	2,977	6,377
Commercial .....	19,996	20,011	26,599	28,041	29,226
Industrial.....	184,551	202,519	205,947	207,827	210,364
Electric Utilities .....	59,757	52,995	54,719	60,962	60,510

See footnotes at end of table.

**Table B1. Summary Statistics for Natural Gas in the United States, Metric Equivalents, 1995-1999  
(Continued)**

	1995	1996	1997	1998	1999
<b>Number of Consumers</b>					
Residential.....	54,322,179	55,263,673	56,186,958	57,321,746	58,200,837
Commercial.....	4,636,500	4,720,227	4,761,409	5,044,497	5,007,325
Industrial.....	209,398	206,049	238,961	231,438	230,137
<b>Average Annual Consumption per Consumer (thousand cubic meters)</b>					
Commercial.....	19	19	19	17	17
Industrial.....	1,160	1,219	1,047	1,063	1,106
<b>Average Prices for Natural Gas (dollars per thousand cubic meters)</b>					
Wellhead (Marketed Production).....	54.74	76.63	81.93	<sup>R</sup> 68.86	76.63
Imports.....	52.62	69.57	76.63	69.57	79.10
Exports.....	84.40	104.88	106.65	86.52	92.17
Pipeline Fuel.....	52.62	80.16	80.87	70.98	68.86
City Gate.....	98.17	115.48	129.25	108.42	109.48
<b>Delivered to Consumers</b>					
Residential.....	214.01	223.89	245.08	240.85	236.26
Commercial.....	178.34	190.70	204.83	193.52	188.23
Industrial.....	95.70	120.78	126.78	110.89	109.48
Vehicle Fuel.....	140.55	153.27	156.80	162.09	153.27
Electric Utilities.....	71.34	95.00	98.17	84.76	92.52

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

**Notes:** Beginning in 1987, prices for gas delivered to consumers are calculated using only on-system sales data. No imputations are made for prices of gas delivered for the account of others. In previous years, prices were calculated using reported values and values imputed for gas delivered for the account of others. The United States includes the 50 States and the District of Columbia. Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995, agricultural use was classified as commercial use.

**Sources:** Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

Table B2. Thermal Conversion Factors and Data, 1995-1999

	1995	1996	1997	1998	1999
<b>Conversion Factor (Btu per cubic foot)</b>					
<b>Production</b>					
Marketed .....	1,106	1,109	1,107	1,110	1,111
Extraction Loss .....	2,730	2,721	2,704	2,694	2,864
<b>Total Dry Production.....</b>	<b>1,027</b>	<b>1,027</b>	<b>1,026</b>	<b>1,031</b>	<b>1,027</b>
<b>Supply</b>					
Dry Production.....	1,027	1,027	1,026	1,031	1,027
Receipts at U.S. Borders					
Imports .....	1,021	1,022	1,023	1,023	1,022
Intransit Receipts .....	1,021	1,022	1,023	1,023	1,022
Withdrawals from Storage					
Underground Storage.....	1,027	1,027	1,026	1,031	1,027
LNG Storage .....	1,027	1,027	1,026	1,031	1,027
Supplemental Gas Supplies.....	1,027	1,027	1,026	1,031	1,027
Balancing Item.....	988	1,056	1,029	<sup>R</sup> 941	1,017
<b>Total Supply.....</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Disposition</b>					
Consumption .....	1,027	1,027	1,026	1,031	1,027
(Electric Utility) .....	(1,025)	(1,024)	(1,019)	(1,022)	(1,019)
(Other Sectors).....	(1,027)	(1,027)	(1,027)	(1,033)	(1,028)
Deliveries at U.S. Borders					
Exports .....	1,011	1,011	1,011	1,011	1,006
Intransit Deliveries.....	1,011	1,011	1,011	1,011	1,006
Additions to Storage					
Underground Storage.....	1,027	1,027	1,026	1,031	1,027
LNG Storage .....	1,027	1,027	1,026	1,031	1,027
<b>Total Disposition .....</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Summary Data (billion Btu)</b>					
<b>Production</b>					
Marketed .....	21,579,527	21,970,606	21,999,810	<sup>R</sup> 21,982,256	21,780,064
Extraction Loss.....	-2,478,684	-2,607,484	-2,606,015	-2,526,324	-2,580,690
<b>Total Dry Production.....</b>	<b>19,100,844</b>	<b>19,363,122</b>	<b>19,393,794</b>	<b><sup>R</sup>19,455,932</b>	<b>19,199,374</b>
<b>Supply</b>					
Dry Production.....	19,100,844	19,363,122	19,393,794	<sup>R</sup> 19,455,932	19,199,374
Receipts at U.S. Borders					
Imports .....	2,901,166	3,002,256	3,063,489	3,225,082	3,664,386
Intransit Receipts .....	502,902	548,172	560,686	492,737	497,171
Withdrawals from Storage					
Underground Storage.....	3,054,402	2,989,933	2,897,675	2,451,042	2,846,365
LNG Storage .....	51,808	71,157	71,324	56,050	104,621
Supplemental Gas Supplies.....	113,268	112,410	105,835	105,357	100,899
Balancing Item.....	-227,156	229,205	82,357	<sup>R</sup> -169,065	-695,025
<b>Total Supply.....</b>	<b>25,497,233</b>	<b>26,316,256</b>	<b>26,175,161</b>	<b><sup>R</sup>25,617,136</b>	<b>25,717,791</b>
<b>Disposition</b>					
Consumption .....	22,163,343	22,559,714	22,549,125	<sup>R</sup> 21,938,533	22,280,240
(Electric Utility) .....	(3,276,420)	(2,798,076)	(3,024,854)	(3,329,731)	(3,172,574)
(Other Sectors).....	(18,886,922)	(19,761,638)	(19,524,271)	<sup>R</sup> (18,608,802)	(19,107,665)
Deliveries at U.S. Borders					
Exports .....	155,799	155,115	158,783	160,770	164,395
Intransit Deliveries.....	497,849	542,354	522,469	464,555	497,511
Additions to Storage					
Underground Storage.....	2,635,161	2,984,043	2,873,102	2,993,596	2,667,642
LNG Storage .....	45,082	75,029	71,681	59,681	108,003
<b>Total Disposition .....</b>	<b>25,497,233</b>	<b>26,316,256</b>	<b>26,175,161</b>	<b><sup>R</sup>25,617,136</b>	<b>25,717,791</b>

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

NA = Not available.

**Notes:** See accompanying text for conversion factor documentation. Items appearing in parentheses are subsets of other items for which data are shown in this table and are not involved in the summing of supply and disposition. Totals may not equal sum of components due to independent rounding.

**Sources:** Energy Information Administration (EIA), Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 through 1999); Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*; Forms EIA-191/FERC-8, "Underground Gas Storage Report"; and Form EIA-767, "Steam-Electric Plant Operating and Design Report."

# **Appendix C**

## **Selected Natural Gas and Related Reports**

## Appendix C

# Selected Natural Gas and Related Reports

A variety of energy-related reports are produced by the Energy Information Administration. The following list highlights those reports. Or you may visit our website at: [www.eia.doe.gov/oil\\_gas/natural\\_gas](http://www.eia.doe.gov/oil_gas/natural_gas).

### Recurring Natural Gas Reports

*Natural Gas Monthly*, DOE/EIA-0130

Frequency: Published monthly.

### Reports covering Natural Gas, Natural Gas Liquids, and Other Energy Sources

*Monthly Energy Review*, DOE/EIA-0034

(Provides national aggregate data for natural gas, natural gas liquids, and other energy sources.)

Frequency: Published monthly.

*Short-Term Energy Outlook*, DOE/EIA-0202

(Provides forecasts for the next six quarters for natural gas and other energy sources.)

Frequency: Published quarterly.

*Annual Energy Review, 1999*, DOE/EIA-0384(00)..... **July 2000**

Frequency: Published annually.

*State Energy Price and Expenditure Report 1970-1997*, DOE/EIA-0376(97)..... **June 2000**

*Annual Energy Outlook 2000*, DOE/EIA-0383(99)..... **December 1999**

Frequency: Published annually.

*U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves - 1998 Annual Report*,

DOE/EIA-0216(98)..... **December 1999**

Frequency: Published annually.

*State Energy Data Report, Consumption Estimates, 1960-1997*, DOE/EIA-0214(97)..... **September 1999**

*Natural Gas 1998: Issues and Trends*, DOE/EIA-0560(98)..... **May 1999**

*Annual Report to Congress 1998*, DOE/EIA-0173(98) ..... **April 1999**

Frequency: Published annually.

*Oil and Gas Resources of the West Siberian Basin, Russia*, DOE/EIA-0617..... **December 1997**

*Natural Gas Productive Capacity for the Lower 48 States 1985 through 1997*, DOE/EIA-0542(97)..... **December 1996**

**One-Time Reports**

The Value of Underground Storage in Today's Natural Gas Industry, DOE/EIA-0591..... **March 1995**

*Energy Policy Act Transportation Study: Interim Report of Natural Gas Flows and Rages,*  
DOE/EIA-0602..... **October 1995**

**Reference Reports**

*Oil and Gas Field Code Master List Updates, 1999,* EIA-0370(99)..... **January 2000**

*Directory of Energy Data Collection Forms,* DOE/EIA-0249(96)..... **December 1996**  
(Electronic Only)



# Glossary

**Aquifer Storage Field:** A sub-surface facility for storing natural gas consisting of water-bearing sands topped by an impermeable cap rock.

**Balancing Item:** Represents differences 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 that vary in scope, format, definitions, and type of respondents.

**Biomass Gas:** A medium Btu gas containing methane and carbon dioxide, resulting from the action of microorganisms on organic materials such as a landfill.

**British Thermal Unit (Btu):** The quantity of heat required to raise the temperature of 1 pound of water by 1 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.

**Coke Oven Gas:** The gaseous portion of volatile substances driven off in the coking process after other coal chemicals are removed.

**Commercial Consumption:** Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services. Included are such establishments as hotels, restaurants, wholesale and retail stores and other service enterprises; gas used by establishments engaged in forestry and fisheries; and gas used by local, State, and Federal agencies engaged in nonmanufacturing activities.

**Delivered:** The physical transfer of natural, synthetic, and/or supplemental gas from facilities operated by the responding company to facilities operated by others or to consumers.

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

**Dry Natural Gas Production:** Marketed production less extraction loss.

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

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

**Exports:** Natural gas deliveries out of the continental United States and Alaska to foreign countries.

**Extraction Loss:** The reduction in volume of natural gas due to the removal of natural gas liquid constituents such as ethane, propane, and butane at natural gas processing plants.

**Flared:** Natural gas burned in flares at the base site or at gas-processing plants.

**Gas Condensate Well:** A gas well that produces from a gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range generally described as "condensate."

**Gas Well:** A well completed for the production of natural gas from one or more gas zones or reservoirs.

**Gross Withdrawals:** Full well-stream volume, including all natural gas plant liquids and all nonhydrocarbon gases, but excluding lease condensate.

**Heating Value:** The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

**Imports:** Gas receipts into the United States from a foreign country.

**Industrial Consumers:** Establishments engaged in a process which creates or changes raw or unfinished materials into another form or product. Generation of electricity, other than by electric utilities, and agricultural uses are included.

**Industrial Consumption:** Natural gas used by manufacturing and mining establishments and for agricultural purposes for heat, power, and chemical feedstock.

**Intransit Deliveries:** Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

**Intransit Receipts:** Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

**Lease Fuel:** Natural gas used in well, field, and lease operations such as gas used in drilling operations, heaters, dehydrators, and field compressors.

**Liquefied Natural Gas (LNG):** Natural gas (primarily methane) that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

**Manufactured Gas:** A gas obtained by destructive distillation of coal, or by the thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke. Examples are coal gases, coke oven gases, producer gas, blast furnace gas, blue (water) gas, carbureted water gas. Btu content varies widely.

**Marketed Production:** Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations.

**Natural Gas:** A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in natural underground reservoirs at reservoir conditions.

**Natural Gas, Wet After Lease Separation:** The volume of natural gas remaining after removal of lease condensate in lease and/or field separation facilities, if any, and after exclusion of nonhydrocarbon gases where they occur in sufficient quantity to render the gas unmarketable. Natural gas liquids may be recovered from volumes of natural gas, wet after lease separation, at natural gas processing plants.

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

**Nonutility Power Producers:** A company which owns electric generating capacity and is not an electric utility. Nonutility power producers include qualifying cogenerators, qualifying small power producers, and other nonutility generators including independent power producers.

**Offshore Reserves and Production:** Unless otherwise indicated, reserves and production that are in either State or Federal domains, located seaward of the coastline.

**Oil Well (Casinghead) Gas:** Associated and dissolved gas produced along with crude oil from oil completions.

**Outer Continental Shelf:** Offshore Federal domain.

**Pipeline:** A continuous pipe conduit, complete with such equipment as valves, compressor stations, communications systems, and meters, for transporting natural and/or supplemental gas from one point to another, usually from a point in or beyond the producing field or processing plant to another pipeline or to points of use. Also refers to a company operating such facilities.

**Pipeline Fuel:** Gas consumed in the operation of pipelines, primarily in compressors.

**Plant Fuel:** Natural gas used as fuel in natural gas processing plants.

**Production, Wet After Lease Separation:** Gross withdrawals less gas used for repressuring and nonhydrocarbon gases removed in treating or processing operations.

**Propane-air:** A mixture of propane and air resulting in a gaseous fuel suitable for pipeline distribution.

**Proved Reserves:** The estimated quantities that analysis of geological and engineering data demonstrate with reasonable certainty to be recoverable in future years from known oil and gas reservoirs under existing economic and operating conditions.

**Receipts:** Gas physically transferred into the responding company's transportation, storage, and/or distribution facilities.

**Refinery Gas:** Noncondensate gas collected in petroleum refineries.

**Repressuring:** The injection of gas into oil or gas reservoir formations to effect greater ultimate recovery.

**Residential Consumption:** Gas used in private dwellings, including apartments, for heating, air-conditioning, cooking, water heating, and other household uses.

**Salt Cavern Storage Field:** A sub-surface storage facility that is a cavern hollowed out in either a salt "bed" or "dome" formation.

**Storage Additions:** Volumes of gas injected or otherwise added to underground natural gas reservoirs or liquefied natural gas storage.

**Storage Withdrawals:** Volumes of gas withdrawn from underground storage or liquefied natural gas storage.

**Supplemental Gaseous Fuels Supplies:** Synthetic natural gas, propane-air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

**Synthetic Natural Gas (SNG):** A manufactured product chemically similar in most respects to natural gas, resulting from the conversion or reforming of petroleum hydrocarbons or from coal gasification. It may easily be substituted for or interchanged with pipeline quality natural gas.

**Therm:** One hundred thousand British thermal units.

**Underground Gas Storage:** The use of sub-surface facilities for storing gas that has been transferred from its original location. The facilities are usually hollowed-out salt domes, natural geological reservoirs (depleted oil or gas fields) or water-bearing sands topped by an impermeable cap rock (aquifer).

**Underground Storage Injections:** Gas from extraneous sources put into underground storage reservoirs.

**Underground Storage Withdrawals:** Gas removed from underground storage reservoirs.

**Unit Value, Consumption:** Total price per specified unit, including all taxes, at the point of consumption.