Natural Gas Monthly

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MASTER

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Preface

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

General questions and comments regarding the NGM may be referred to Kendrick E. Brown, Jr. (202) 586-6077, Audrey E. J. Corley (202) 586-4804, or Eva M. Fleming (202) 586-6113. Specific technical questions may be referred to the appropriate persons listed in Appendix E.

The NGM highlights activities, events, and analyses of interest to public and private sector organizations associated with the natural gas industry. Volume and price data are presented each month for natural gas production, distribution, consumption, and interstate pipeline activities. Producer-related activities and underground storage data are also reported. From time to time, the NGM features articles designed to assist readers in using and interpreting natural gas information.

The data in this publication are collected on surveys conducted by the EIA to fulfill its responsibilities for gathering and reporting energy data. Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE, which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. Geographic coverage is the 50 States and the District of Columbia.

Explanatory Notes supplement the information found in tables of the report. A description of the data collection surveys that support the NGM is provided in the Data Sources section. A glossary of the terms used in this report is also provided to assist readers in understanding the data presented in this publication.

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60 degrees Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

Common Abbreviations Used in the Natural Gas Monthly

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

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

by Ann M. Ducca and Norman L. Crabtree

The North American natural gas pipeline network continued to function as an efficient, integrated market system during 1994 (Figure FE1). Active trading took place from Canada into the United States, and Canada is expected to continue to be a secure source of gas supply for many years to come. In the spring of 1995, the Mexican government took steps to open up their energy industry to foreign investment, perhaps signaling a new era of U.S. participation in the Mexican natural gas market.

Some of the highlights of 1994 for U.S. natural gas imports and exports are as follows:

- Net imports rose for the eighth consecutive year, reaching 12 percent of U.S. natural gas consumption. They have nearly doubled over the last 6 years from 1.3 trillion cubic feet in 1989 to 2.5 trillion cubic feet in 1994, an average annual growth rate of 11 percent (Table FE1).

Figure FE1. Flow of Natural Gas Imports and Exports, 1994
(Billion Cubic Feet)

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

Figure FE2. Total Natural Gas Imports and Exports, 1974-1994

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

- Pipeline imports from Canada continued to climb to a new record level of 2,565 billion cubic feet (Table FE2). Most of the increase occurred in the West with the expansion of capacity on the Pacific Gas Transmission pipeline. However, Canadian imports are fast approaching the upper limit of existing pipelines' capacity to transport gas into the United States.
- From 1993 to 1994, the price of Canadian imports fell to \$1.86 per thousand cubic feet, an 8-percent decrease. The sharpest decline occurred in the West where the price went from \$2.02 to \$1.60 per thousand cubic feet, mainly because long-term imports were replaced by lower priced short-term imports.
- Liquefied natural gas (LNG) imports from Algeria fell 38 percent to 50.8 billion cubic feet because of curtailments which began in August 1994. Sonatrach, the state-owned oil and gas company in Algeria, curtailed exports because of a major renovation project on that nation's liquefaction plants. LNG imports are continuing through 1995, but at a reduced level.
- In contrast to the decline in Canadian pipeline imports prices, the price of LNG imports from Algeria increased 4 percent.

- Exports to Canada, Mexico, and Japan all rose for an increase in total exports of 15 percent from 1993 to 1994 (Table FE3).

Total natural gas imports have risen steadily and rapidly since 1986, reaching 2,623 billion cubic feet in 1994, nearly double the 1989 level (Figure FE2 and Table FE4). Total exports have shown fluctuation in recent years, peaking in 1992 at 216.3 billion cubic feet when exports to Mexico reached a record level (Table FE5). They were 161.7 billion cubic feet in 1994.

The price of imported natural gas has been lower in recent years than it was in the early 1980's both in nominal dollars and in constant 1994 dollars (Figure FE3). From 1986 to 1987 the price (in nominal dollars) fell by 20 percent to \$1.95 per thousand cubic feet and has remained near this level with some fluctuation. The price for total natural gas imports is driven primarily by the price of Canadian natural gas.

The price of natural gas exports has also been lower in recent years than it was in the early 1980's (Figure FE4). Total export prices have generally been higher than total import prices, due in part to the inclusion of higher priced LNG.

Figure FE3. Average Price of U.S. Natural Gas Imports, 1980-1994

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

Figure FE4. Average Price of U.S. Natural Gas Exports, 1980-1994

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

Figure FE5. Net Imports as a Percentage of Total Consumption, 1985-1994

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

Trade with Canada

Pipeline imports from Canada continued to grow to 2,565 billion cubic feet, a new record level. Competitive prices and additional pipeline capacity, which became available in late 1993 on the Pacific Gas Transmission pipeline, contributed to the increase. Natural gas imports from Canada have almost doubled in the last 6 years, while U.S. gas consumption rose 10 percent during the same time period. Net imports, which are nearly all from Canada, represent a growing share of U.S. natural gas consumption--12 percent in 1994 (Figure FE5).

Pipeline imports from Canada enter the United States in four regional areas: the Pacific Northwest, the West, the Midwest, and the Northeast (Figure FE6 and Table FE6). From 1993 to 1994, natural gas imports rose in all regional areas with the largest increase (211.3 billion cubic feet) occurring in the West. Western imports climbed 41 percent to 723.1 billion cubic feet, primarily due to the additional capacity on the Pacific Gas Transmission pipeline. They entered the United States through Idaho, and most were destined for California markets.

Pacific Northwest imports, entering through the State of Washington, rose 5 percent from 1993 to 1994 to 320.4 billion cubic feet. In the Midwest, the regional area with the highest level of imports, they increased during the same time period by 1 percent to 941.6 billion cubic feet. Points of entry for the Midwest are located in Michigan, Minnesota, Montana, and North Dakota. Northeast imports rose 12 percent to 580.4 billion cubic feet. Imports enter the Northeast through New York and Vermont.

Imports from Canada into the Northeast helped meet that region's unusually high gas demand during the January 1994 record cold spell. They were 14 percent higher in January 1994 than in January 1993. The Canadian gas industry exceeded overall firm commitments for gas deliveries into this area by about 10 percent, and upwards of 20 percent on the Iroquois Pipeline system.¹

¹ Canadian Natural Gas Exports Evaluation and Outlook, Natural Resources Canada (March 1995).

**Figure FE6. U.S. Natural Gas Pipeline Imports from Canada
by Regional Point of Entry, 1993-1994**

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

Figure FE7. Average Price of U.S. Natural Gas Pipeline Imports from Canada by Regional Point of Entry, 1993-1994

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

Gas well completions in Canada have surged since 1992, indicating that Canada will remain a major supplier to the United States. This increase can be attributed to the gas wellhead prices, which in Canadian dollars have improved since 1992, even though the same prices in U.S. dollars have remained low or fallen slightly. Canada's share of the U.S. gas market is expected to continue to grow, and its role as a significant supplier seems secure for years to come.

Since 1990, pipeline import capacity from Canada has increased in all four regional areas: 33 percent in the Pacific Northwest, 55 percent in the West, 29 percent in the Midwest, and 356 percent in the Northeast.² The increase in the Northeast is due primarily to the construction of two new pipelines, Iroquois and Empire.

Despite all of these recent capacity additions, Canadian imports are already fast approaching the upper limit of existing pipelines' capacity to transport gas into the United States. From November 1993 through October 1994, the Canadian pipeline overall load factor reached 82 percent, while it was over 90 percent in the Northeast

and Midwest.³ With capacity utilization close to maximum in these two areas, Canadian producers must look to the West to compete for sales in the near term. A number of pipeline projects that could increase capacity and enhance utilization of existing facilities are planned through 1997. It is anticipated that pipeline import capacity from Canada will grow by as much as 550 billion cubic feet by the end of 1997.

The abundant supply situation for natural gas in both Canada and the United States in 1994 resulted in declining import prices. The price of Canadian imports fell to \$1.86 per thousand cubic feet in 1994, 8 percent less than 1993 but 1 percent more than in 1992 (Table FE7). The sharpest drop occurred in the West where the price went from \$2.02 to \$1.60 per thousand cubic feet, mainly because long-term imports were replaced by lower priced short-term imports (Figure FE7).

Natural gas exports to Canada increased from 1993 to 1994 by 18 percent to 52.6 billion cubic feet. They represented 32 percent of total U.S. exports.

² Energy Information Administration (EIA), Geographic Information System, Natural Gas Pipeline State Border Capacity Database (EIGIS-NG), 1994.

³ Canadian Natural Gas Exports Evaluation and Outlook.

Trade with Mexico

With the passage of the North American Free Trade Agreement (NAFTA) in late 1993 and the reorganizing and downsizing of Petroleos Mexicanos (Pemex), the Mexican state energy agency, trade with Mexico has become very responsive to economic changes. It has been marked in recent years by fluctuating export and import levels as the Mexican economy has experienced upward and downward movements. Exports to Mexico reached record levels in 1991 and 1992 but fell dramatically in 1993. In 1994 they rose again to 46.5 billion cubic feet, 17 percent higher than in 1993 but less than half the 1992 level (Tables FE8 and FE9).

In December 1993 the United States began importing gas from Mexico for the first time since 1984. During 1994, these imports continued through June but represented less than 1 percent of total U.S. natural gas imports. Small amounts of gas have been imported from Mexico during 1995.

In April 1995 the Mexican Congress modified its Constitution to permit foreign investment in natural gas storage, distribution, and transmission. Power markets were also opened to foreign investment. Gas exploration and development activities were not opened to outsiders. Pemex will continue to conduct gas exploration and development under government jurisdiction.

At present, Mexico produces natural gas primarily in the southern half of the country in association with oil production. However, a large quantity of undeveloped natural gas resources is near the fast growing industrial base in northeast Mexico. What is needed are the pipelines, storage facilities, and distribution systems to move production to market.⁴ Now that foreign investment may soon be allowed, U.S. companies have begun to explore possible partnerships in the Mexican energy industry.

Northern Mexico's role as a market for U.S. natural gas exports could expand in the coming years as new power generating capacity is added. Mexico's future plans for power plant construction include fueling by natural gas to solve some of their air-quality problems. It is anticipated that Mexico may meet its future demand for electricity through privately built gas-fired power

plants.⁵ However, the history of state regulation of the oil and gas industry as well as the electricity industry may cause new development in these areas to be slow. "The challenge ... of crafting an integrated approach to power generation and natural gas supply will be made more difficult by the long established pattern of Mexican agency managers, ministry officials, and regulators acting independently of one another in relation to issues of energy policy."⁶

Liquefied Natural Gas

Natural gas can be transmitted in a vapor state via pipeline or in a liquid form, liquefied natural gas (LNG). Liquefaction makes overseas transportation possible. A 600-to-1 volume reduction is achieved by lowering the temperature of natural gas to approximately minus 260 degrees Fahrenheit. During 1994, the United States imported LNG from Algeria into Massachusetts and Louisiana and exported LNG from Alaska to Japan. LNG imports represented 2 percent of total imports, while LNG exports were 39 percent of total exports.

LNG imports from Algeria fell 38 percent to 50.8 billion cubic feet because of curtailments which began in August 1994. Sonatrach, the state-owned oil and gas company in Algeria, curtailed exports because of a major renovation project on that nation's liquefaction plants. There were no shipments of LNG from Algeria in August, October, November, and December of 1994. Shipments at reduced levels have been received during 1995. The impact of the curtailments may lessen soon because some of the renovations are expected to be finished this summer. However, some level of curtailment will likely continue into the spring of 1996 when the renovation is scheduled for completion.⁷

LNG exports from Alaska to Japan rose 12 percent from 1993 to 1994 to a record 62.7 billion cubic feet. The expansion of the facility at Port Nikiski on the Kenai Peninsula in southern Alaska made the increase in exports possible. Although the price for these exports fell 5 percent from 1993 to 1994, it remained strong at \$3.18 per thousand cubic feet, compared to the price for imports of LNG from Algeria of \$2.28 per thousand cubic feet.

⁴ *Oil and Gas Journal* (May 22, 1995).

⁵ *Oil and Gas Journal* (June 26, 1995).

⁶ *Oil and Gas Journal* (January 16, 1995).

⁷ *Inside F.E.R.C.'s Gas Market Report* (April 7, 1995), p. 3.

The Cove Point LNG facility in southern Maryland, mothballed since 1980, plans to offer storage and peaking services for the winter of 1995-1996. In the near term the project calls for the use of domestic gas, but in the long term the facility also expects to be a receiving terminal for LNG tankers. Similar plans have also been announced for the Elba Island LNG facility in Georgia for late 1997.

There are currently four projects proposed to expand United States-International LNG Trade. The Ecoelectric Project would build a power plant in Puerto Rico to be fueled by LNG, which would be imported from various suppliers. The Trinidad and Tobago Project would develop the natural gas resources off the east coast of Trinidad and construct an LNG facility to export the gas to the Northeast United States and Europe or Puerto Rico. Trinidad is located about 9 miles northeast of Venezuela. These projects could possibly become operational in 2 to 3 years.

The Nigerian LNG Export Project is a plan to construct a new natural gas liquefaction facility off that nation's coast. The facility would export Nigerian gas from the West Coast of Africa mostly to Europe but also to the United States. The Yukon Pacific LNG Export Project calls for the construction of a new natural gas pipeline

parallel to the existing crude oil pipeline in Alaska and construction of a gas liquefaction plant and marine terminal at Valdez. The LNG would be exported from Alaska to Japan and Pacific Rim countries. The in-service dates for these projects are 2000 or later.

Survey Form FPC-14

The data in this Article are taken from Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." Each person having authorization to import and export natural gas is required to file Form FPC-14 regardless of whether that privilege has been exercised during the reporting year.

The data reported on the Form FPC-14 represent physical movements of natural gas. The U.S. Department of Energy, Office of Fossil Energy, as part of its regulatory oversight responsibilities, also collects and reports natural gas import and export data, but on an equity (sales) basis. Comparisons of the information in this Article (physical movements) with information reported by the Office of Fossil Energy (sales) may show differences because the reporting requirements are different. Further information about the Form FPC-14 survey is provided in Appendix B, "Data Sources," of this publication (the *Natural Gas Monthly*).

Table FE1. Historical Summary of U.S. Natural Gas Net Imports, 1955-1994
(Million Cubic Feet)

Year	Total Imports	Total Exports	Net Imports	Total Consumption	Net Imports as Percentage of Total Consumption
1955	10,888	31,029	-	8,693,657	-
1956	10,380	35,963	-	9,288,865	-
1957	37,941	41,655	-	9,846,139	-
1958	135,797	38,719	97,078	10,302,608	0.9
1959	133,990	18,413	115,577	11,321,181	1.0
1960	155,646	11,332	144,314	11,966,537	1.2
1961	218,860	10,747	208,113	12,489,268	1.7
1962	401,534	15,814	385,720	13,266,513	2.9
1963	406,204	16,957	389,247	13,970,229	2.8
1964	443,326	19,603	423,723	14,813,808	2.9
1965	456,394	26,132	430,262	15,279,716	2.8
1966	479,780	24,639	455,141	16,452,403	2.8
1967	564,226	81,614	482,612	17,388,360	2.8
1968	651,885	93,745	558,140	18,632,062	3.0
1969	726,951	51,304	675,647	20,056,240	3.4
1970	820,780	69,813	750,967	21,139,386	3.6
1971	934,548	80,212	854,336	21,793,454	3.9
1972	1,019,496	78,013	941,483	22,101,452	4.3
1973	1,032,901	77,169	955,732	22,049,363	4.3
1974	959,284	76,789	882,495	21,223,133	4.2
1975	953,008	72,675	880,333	19,537,593	4.5
1976	963,768	64,711	899,057	19,946,496	4.5
1977	1,011,002	55,626	955,376	19,520,581	4.9
1978	965,545	52,532	913,013	19,627,478	4.7
1979	1,253,383	55,673	1,197,710	20,240,761	5.9
1980	984,767	48,731	936,036	19,877,293	4.7
1981	903,949	59,372	844,577	19,403,858	4.4
1982	933,336	51,728	881,608	18,001,055	4.9
1983	918,407	54,639	863,768	16,834,914	5.1
1984	843,060	54,753	788,307	17,950,524	4.4
1985	949,715	55,268	894,447	17,280,943	5.2
1986	750,449	61,271	689,178	16,221,296	4.2
1987	992,532	54,020	938,512	17,210,809	5.5
1988	1,293,812	73,638	1,220,174	18,029,588	6.8
1989	1,381,520	106,871	1,274,648	18,800,830	6.8
1990	1,532,259	85,565	1,446,694	18,716,269	7.6
1991	1,773,313	129,244	1,644,068	19,035,156	8.4
1992	2,137,504	216,282	1,921,222	19,544,364	9.7
1993	2,350,115	140,183	2,209,931	20,292,728	10.9
1994	2,623,155	161,738	2,461,416	^a 20,726,172	11.9

^a Preliminary data.

- = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska.

Source: **Total Consumption:** *Natural Gas Annual 1990 Volume 2* for 1955 through 1988; *Natural Gas Monthly July 1995* for 1989 through 1994. **Net Imports:** 1955-1971: Federal Power Commission, informally collected by letter. 1972-1994: Energy Information Administration, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas."

Table FE2. Summary of U.S. Natural Gas Imports, 1993-1994

Source	Volume			Average Btu/ Cubic Foot		Revenue (thousand dollars)		Average Price			Average Price		
	(million cubic feet)		Percent Change	1993	1994	1993	1994	(dollars/ thousand cubic feet)		Percent Change	(dollars/ million Btu)		Percent Change
	1993	1994						1993	1994		1993	1994	
Pipeline													
Canada	2,266,751	2,565,364	13.2	1,018	1,021	4,587,570	4,770,782	2.02	1.86	-7.9	1.99	1.82	-8.5
Mexico	1,678	7,013	317.9	1,016	1,013	3,263	13,980	1.94	1.99	2.6	1.91	1.97	3.1
Total	2,268,429	2,572,377	13.4	1,018	1,021	4,590,833	4,784,762	2.02	1.86	-7.9	1.99	1.82	-8.5
LNG													
Algeria	81,685	50,778	-37.8	1,091	1,098	179,374	115,748	2.20	2.28	3.6	2.01	2.08	3.5
Grand Total	2,350,115	2,623,155	11.6	1,020	1,022	4,770,207	4,900,510	2.03	1.87	-7.9	1.99	1.83	-8.0

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska.

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

Table FE3. Summary of U.S. Natural Gas Exports, 1993-1994

Source	Volume			Average Btu/ Cubic Foot		Cost (thousand dollars)		Average Price			Average Price		
	(million cubic feet)		Percent Change	1993	1994	1993	1994	(dollars/ thousand cubic feet)		Percent Change	(dollars/ million Btu)		Percent Change
	1993	1994						1993	1994		1993	1994	
Pipeline													
Canada	44,518	52,556	18.1	1,014	1,013	95,304	127,412	2.14	2.42	13.1	2.11	2.39	13.3
Mexico	39,676	46,500	17.2	1,027	1,011	80,002	78,147	2.02	1.68	-16.8	1.96	1.66	-15.3
Total	84,195	99,057	17.7	1,020	1,012	175,307	205,559	2.08	2.08	0.0	2.04	2.05	0.5
LNG													
Japan	55,989	62,682	12.0	1,009	1,010	187,162	199,141	3.34	3.18	-4.8	3.31	3.15	-4.8
Grand Total	140,183	161,738	15.4	1,016	1,011	362,469	404,700	2.59	2.50	-3.5	2.55	2.47	-3.1

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska.

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

Table FE4. Historical Summary of U.S. Natural Gas Imports, 1955-1994
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year	Imports from Canada		Imports from Mexico Pipeline	Imports from Algeria LNG	Imports from Indonesia LNG	Total Imports ^a	Average Price
	Pipeline	LNG					
1955	10,881	0	7	0	0	10,888	NA
1956	10,374	0	6	0	0	10,380	NA
1957	20,971	0	16,970	0	0	37,941	NA
1958	89,586	0	46,211	0	0	135,797	NA
1959	83,061	0	50,929	0	0	133,990	NA
1960	108,657	0	46,989	0	0	155,646	NA
1961	167,104	0	51,756	0	0	218,860	NA
1962	350,438	0	51,096	0	0	401,534	NA
1963	356,455	0	49,749	0	0	406,204	NA
1964	390,721	0	52,605	0	0	443,326	NA
1965	404,686	0	51,708	0	0	456,394	NA
1966	430,189	0	49,591	0	0	479,780	NA
1967	513,255	0	50,971	0	0	564,226	NA
1968	604,462	0	47,423	NA	0	651,885	NA
1969	680,106	0	46,845	NA	0	726,951	NA
1970	778,687	NA	41,336	757	0	820,780	NA
1971	910,926	1,500	20,689	1,433	0	934,548	NA
1972	1,009,093	230	8,140	2,032	0	1,019,496	0.31
1973	1,027,216	667	1,632	3,388	0	1,032,901	0.35
1974	959,063	0	222	0	0	959,284	0.55
1975	948,115	0	0	4,893	0	953,008	1.21
1976	953,613	0	0	10,155	0	963,768	1.72
1977	996,723	572	2,384	11,324	0	1,011,002	1.98
1978	881,123	0	0	84,422	0	965,545	2.13
1979	1,000,775	0	0	252,608	0	1,253,383	2.49
1980	796,507	0	102,410	85,850	0	984,767	4.28
1981	762,107	6	105,013	36,824	0	903,949	4.88
1982	783,407	0	94,794	55,136	0	933,336	5.03
1983	711,923	0	75,361	131,124	0	918,407	4.78
1984	755,368	0	51,502	36,191	0	843,060	4.08
1985	926,056	0	0	23,659	0	949,715	3.21
1986	748,780	0	0	0	1,669	750,449	2.43
1987	992,532	0	0	0	0	992,532	1.95
1988	1,276,322	0	0	17,490	0	1,293,812	1.84
1989	1,339,357	0	0	42,163	0	1,381,520	1.82
1990	1,448,065	0	0	84,193	0	1,532,259	1.94
1991	1,709,716	0	0	63,596	0	1,773,313	1.83
1992	2,094,387	0	0	43,116	0	2,137,504	1.85
1993	2,266,751	0	1,678	81,685	0	2,350,115	2.03
1994	2,565,364	0	7,013	50,778	0	2,623,155	1.87

^a Volumes reported for 1966 through 1994 are on a pressure base of 14.73 pounds per square inch absolute and 60 degrees Fahrenheit. Volumes for 1955 through 1965 are as reported.

NA = Not available.

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska.

Source: 1955-1971: Federal Power Commission, informally collected by letter. 1972-1994: Energy Information Administration, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas."

Table FE5. Historical Summary of U.S. Natural Gas Exports, 1955-1994
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year	Exports to Canada Pipeline	Exports to Mexico Pipeline	Exports to Japan LNG	Total Exports ^a	Average Price
1955	11,467	19,562	0	31,029	NA
1956	16,819	19,144	0	35,963	NA
1957	30,867	10,788	0	41,655	NA
1958	32,129	6,590	0	38,719	NA
1959	11,739	6,674	0	18,413	NA
1960	5,759	5,573	0	11,332	NA
1961	5,577	5,170	0	10,747	NA
1962	5,574	10,240	0	15,814	NA
1963	6,879	10,078	0	16,957	NA
1964	9,763	9,840	0	19,603	NA
1965	17,979	8,153	0	26,132	NA
1966	20,281	4,358	0	24,639	NA
1967	70,456	11,158	0	81,614	NA
1968	81,647	12,098	0	93,745	NA
1969	34,931	13,391	2,982	51,304	NA
1970	10,878	14,678	44,257	69,813	NA
1971	14,349	15,632	50,231	80,212	NA
1972	15,553	14,579	47,882	78,013	0.51
1973	14,824	13,999	48,346	77,169	0.54
1974	13,263	13,268	50,258	76,789	0.72
1975	10,219	9,454	53,002	72,675	1.25
1976	7,506	7,425	49,779	64,711	1.55
1977	31	3,940	51,655	55,626	1.92
1978	66	4,033	48,434	52,532	2.13
1979	76	4,308	51,289	55,673	2.29
1980	113	3,886	44,732	48,731	4.70
1981	106	3,337	55,929	59,372	5.90
1982	162	1,705	49,861	51,728	5.81
1983	136	1,646	52,857	54,639	5.10
1984	127	1,786	52,840	54,753	4.92
1985	178	2,207	52,883	55,268	4.77
1986	9,203	1,896	50,172	61,271	2.81
1987	3,297	2,125	48,599	54,020	3.07
1988	19,738	2,327	51,573	73,638	2.74
1989	38,443	17,004	51,424	106,871	2.51
1990	17,359	15,659	52,546	85,565	3.10
1991	14,791	60,448	54,005	129,244	2.59
1992	67,777	95,973	52,532	216,282	2.25
1993	44,518	39,676	55,989	140,183	2.59
1994	52,556	46,500	62,682	161,738	2.50

^a Volumes reported for 1966 through 1994 are on a pressure base of 14.73 pounds per square inch absolute and 60 degrees Fahrenheit. Volumes for 1955 through 1965 are as reported.

NA = Not available.

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska.

Source: 1955-1971: Federal Power Commission, informally collected by letter. 1972-1994: Energy Information Administration, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas."

Table FE6. U.S. Natural Gas Imports by Point of Entry, 1993-1994
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year and Month	Canada (Pipeline)							
	Pacific Northwest		West		Midwest			
	Sumas, WA		Eastport, ID		Babb, MT		Detroit, MI	
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1993								
January	25,280	1.83	46,421	2.01	1,251	1.73	495	1.82
February	24,063	1.80	41,378	1.92	1,128	1.25	460	1.65
March	26,168	1.76	41,482	1.96	1,426	1.40	693	1.73
April	23,763	1.70	41,304	2.00	1,133	1.63	599	1.68
May	23,507	1.77	36,130	1.94	734	1.65	557	1.69
June	23,697	1.62	36,807	1.98	842	1.49	431	1.75
July	26,480	1.62	38,133	2.02	1,526	1.53	640	1.61
August	24,943	1.68	40,224	2.09	1,151	1.61	484	1.63
September	22,673	1.75	37,945	2.17	997	1.48	603	1.98
October	27,830	1.72	36,729	1.98	1,154	1.54	499	1.69
November	28,384	2.05	54,935	1.92	455	2.08	583	2.20
December	29,241	2.30	60,241	2.16	867	2.06	908	2.33
Total	306,030	1.81	511,727	2.02	12,663	1.58	6,953	1.84
1994								
January	30,222	2.18	58,469	1.97	1,050	1.96	992	2.27
February	27,072	2.03	52,171	1.99	779	1.97	603	2.81
March	30,587	2.06	53,502	2.03	635	1.98	374	2.19
April	27,458	1.83	52,321	1.82	1,179	1.72	525	2.12
May	27,236	1.76	52,683	1.76	1,142	1.65	637	2.02
June	23,543	1.68	54,805	1.52	1,131	1.75	506	1.92
July	23,220	1.69	65,296	1.52	1,253	1.86	450	2.11
August	25,472	1.66	65,647	1.49	1,474	1.59	569	2.20
September	24,948	1.62	60,639	1.38	1,263	1.39	703	2.22
October	25,991	1.59	62,744	1.21	1,707	1.36	559	2.11
November	27,051	1.71	69,309	1.37	1,240	1.53	571	2.38
December	27,563	1.77	75,484	1.41	1,023	1.51	650	2.41
Total	320,362	1.81	723,071	1.60	13,876	1.65	7,139	2.24

See footnotes at the end of table.

Table FE6. U.S. Natural Gas Imports by Point of Entry, 1993-1994 (Continued)
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year and Month	Canada (Pipeline)							
	Midwest							
	Noyes, MN		Port of Del Bonita, MT		Port of Morgan, MT		Portal, ND	
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1993								
January	31,855	2.01	12	1.68	37,956	1.71	0	-
February	31,251	1.53	12	1.68	39,861	1.38	0	-
March	33,901	1.68	12	1.74	45,051	1.63	0	-
April	27,620	2.07	11	1.68	39,900	1.79	0	-
May	32,043	2.38	12	1.69	27,433	1.98	0	-
June	30,732	2.12	8	1.67	41,211	1.59	0	-
July	32,202	2.07	12	1.68	45,289	1.55	0	-
August	31,862	2.14	5	1.69	46,126	1.56	0	-
September	31,231	2.26	12	1.67	43,511	1.79	0	-
October	32,377	2.03	13	1.68	42,963	1.49	0	-
November	30,292	2.15	12	1.67	39,404	1.62	0	-
December	31,505	2.35	12	1.72	41,360	2.03	0	-
Total	376,870	2.06	133	1.69	490,066	1.67	0	-
1994								
January	35,262	2.19	12	1.69	46,980	1.71	295	1.81
February	30,551	2.39	11	1.70	33,588	1.78	243	1.77
March	32,677	2.33	12	1.69	43,055	1.80	44	1.85
April	31,363	2.06	12	1.69	44,543	1.61	87	1.61
May	30,701	2.11	12	1.72	40,976	1.60	86	1.78
June	27,878	1.98	2	1.72	43,324	1.38	86	1.78
July	29,573	2.05	6	1.72	44,360	1.44	44	1.62
August	31,635	1.95	6	1.67	44,157	1.41	*	3.87
September	30,663	1.81	9	1.72	39,137	1.20	*	2.81
October	32,565	1.76	13	1.68	45,252	1.13	7	1.29
November	31,350	2.07	10	1.69	44,346	1.27	2	2.42
December	36,812	1.87	12	1.69	46,375	1.33	21	1.57
Total	381,030	2.05	119	1.70	516,095	1.47	916	1.76

See footnotes at the end of table.

Table FE6. U.S. Natural Gas Imports by Point of Entry, 1993-1994 (Continued)
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year and Month	Canada (Pipeline)									
	Midwest									
	St Clair, MI		Sweetgrass, MT		Warroad, MN		Whitlash, MT		Total	
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1993										
January	4,228	1.87	0	-	757	2.26	1,254	1.68	77,808	1.85
February	985	1.88	0	-	648	2.41	1,046	1.54	75,391	1.46
March	2,129	1.80	0	-	646	2.40	1,067	1.56	84,925	1.66
April	1,594	1.69	0	-	572	2.50	810	1.53	72,240	1.89
May	2,858	2.00	0	-	481	2.64	331	1.55	64,448	2.18
June	1,470	1.82	0	-	469	2.70	507	1.52	75,669	1.82
July	2,744	2.04	0	-	475	2.69	356	1.48	83,245	1.77
August	3,974	2.04	0	-	429	2.76	433	1.45	84,463	1.81
September	3,510	2.17	0	-	455	2.66	446	1.44	80,765	1.99
October	2,317	2.31	0	-	569	2.49	771	1.45	80,663	1.74
November	690	4.08	0	-	644	2.79	660	1.44	72,740	1.88
December	1,421	2.42	0	-	687	2.71	750	1.49	77,510	2.17
Total	27,920	2.06	0	-	6,832	2.57	8,432	1.53	929,869	1.84
1994										
January	2,471	2.69	5	1.80	761	2.62	688	1.45	88,516	1.95
February	1,865	2.59	0	-	672	2.71	628	1.41	68,941	2.09
March	434	1.69	0	-	649	2.72	677	1.39	78,558	2.03
April	155	2.17	5	1.62	570	2.82	542	1.37	78,981	1.80
May	0	-	73	1.64	504	2.93	412	1.25	74,544	1.82
June	352	2.02	0	-	400	3.20	7	1.44	73,686	1.63
July	738	1.96	0	-	380	3.25	62	1.47	76,867	1.70
August	854	1.88	0	-	441	3.09	220	1.43	79,357	1.65
September	1,482	1.50	75	1.39	380	3.26	411	1.46	74,123	1.48
October	1,341	1.42	0	-	486	3.00	628	1.42	82,558	1.41
November	484	1.81	0	-	558	2.38	651	1.40	79,212	1.61
December	3	1.78	0	-	635	2.32	682	1.38	86,214	1.58
Total	10,181	2.10	158	1.53	6,436	2.80	5,608	1.40	941,556	1.73

See footnotes at the end of table.

Table FE6. U.S. Natural Gas Imports by Point of Entry, 1993-1994 (Continued)
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year and Month	Canada (Pipeline)									
	Northeast									
	Champlain, NY		Grand Island, NY		Highgate Springs, VT		Massena, NY		Niagara Falls, NY	
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1993										
January	0	-	0	-	1,001	2.52	1,511	2.56	22,340	2.53
February	0	-	0	-	1,027	2.54	1,448	2.93	20,347	2.51
March	0	-	0	-	849	2.57	1,592	2.46	23,092	2.55
April	0	-	0	-	582	3.03	1,479	2.64	21,754	2.51
May	0	-	0	-	376	3.85	1,273	2.93	20,637	2.69
June	0	-	0	-	353	3.99	803	2.98	19,880	2.61
July	0	-	0	-	373	3.78	764	2.89	18,838	2.50
August	0	-	0	-	253	4.38	1,151	2.74	21,967	2.46
September	0	-	0	-	309	3.80	1,263	2.63	21,924	2.50
October	0	-	0	-	556	2.98	1,448	2.63	20,627	2.50
November	11	4.09	13	2.88	714	2.74	1,490	2.98	22,179	2.63
December	12	7.82	524	3.09	933	2.59	1,723	2.92	23,202	2.68
Total	23	6.05	537	3.09	7,327	2.96	15,946	2.76	256,789	2.56
1994										
January	94	8.42	1,330	2.80	1,181	2.86	1,665	2.98	22,797	2.64
February	120	7.17	1,247	2.71	974	2.99	1,618	2.93	20,309	2.79
March	136	6.79	1,107	2.67	862	2.98	1,695	2.86	22,310	2.70
April	99	11.55	1,061	2.69	602	3.32	1,413	2.77	20,956	2.53
May	431	4.74	1,026	2.58	405	3.83	1,170	2.90	21,007	2.49
June	1,243	3.24	1,070	2.53	319	4.33	1,012	2.91	18,989	2.44
July	1,542	3.08	915	2.45	282	4.77	1,164	2.76	22,211	2.47
August	1,565	3.08	831	2.57	292	4.83	1,184	2.81	21,678	2.42
September	998	3.51	1,071	2.41	356	4.34	1,099	2.88	22,629	2.27
October	1,358	3.22	1,684	2.16	478	3.68	1,125	2.90	24,044	2.15
November	1,463	3.21	1,631	2.53	637	2.69	1,398	2.87	22,593	2.30
December	1,371	3.19	2,239	2.29	915	2.39	1,744	2.67	23,349	2.30
Total	10,418	3.48	15,212	2.51	7,303	3.25	16,287	2.85	262,872	2.45

See footnotes at the end of table.

Table FE6. U.S. Natural Gas Imports by Point of Entry, 1993-1994 (Continued)
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year and Month	Canada (Pipeline)							
	Northeast						Total	
	North Troy, VT		Waddington, NY		Total			
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1993								
January	955	1.59	19,614	2.63	45,421	2.56	194,929	2.05
February	874	1.62	18,529	2.61	42,226	2.55	183,057	1.86
March	958	1.60	20,204	2.56	46,694	2.53	199,269	1.94
April	820	1.55	19,003	2.35	43,639	2.43	180,946	2.02
May	626	1.49	19,075	2.55	41,987	2.63	166,072	2.18
June	538	1.50	17,050	2.30	38,625	2.48	174,799	1.97
July	507	1.48	18,597	2.20	39,081	2.36	186,939	1.92
August	581	1.39	18,647	2.25	42,599	2.37	192,230	1.97
September	655	1.45	18,241	2.30	42,391	2.41	183,775	2.09
October	822	1.50	18,472	2.18	41,925	2.35	187,147	1.92
November	852	1.39	20,708	2.48	45,967	2.55	202,026	2.07
December	910	1.22	21,267	2.37	48,571	2.53	215,563	2.27
Total	9,097	1.48	229,407	2.40	519,125	2.48	2,266,751	2.02
1994								
January	906	1.42	24,012	2.43	51,984	2.55	229,191	2.12
February	838	1.66	19,720	2.82	44,825	2.80	193,009	2.22
March	911	1.38	23,441	2.84	50,462	2.76	213,109	2.21
April	843	1.27	20,378	2.33	45,351	2.46	204,112	1.96
May	890	1.36	19,972	2.27	44,901	2.41	199,364	1.93
June	1,135	1.43	18,686	2.20	42,454	2.36	194,487	1.76
July	941	1.45	21,047	2.31	48,102	2.42	213,485	1.81
August	949	1.38	21,907	2.23	48,404	2.36	218,879	1.76
September	824	1.22	20,817	2.11	47,794	2.24	207,504	1.64
October	826	1.24	20,709	1.97	50,223	2.12	221,516	1.54
November	813	1.34	21,426	2.31	49,962	2.34	225,534	1.71
December	913	1.39	25,381	2.29	55,911	2.32	245,172	1.72
Total	10,789	1.38	257,494	2.35	580,375	2.43	2,565,364	1.86

See footnotes at the end of table.

Table FE6. U.S. Natural Gas Imports by Point of Entry, 1993-1994 (Continued)
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year and Month	Mexico (Pipeline)		Algeria (LNG)						Total	
	Texas						Total			
	Hidalgo, TX		Everett, MA		Lake Charles, LA					
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1993										
January	0	-	5,141	2.70	0	-	5,141	2.70	200,070	2.07
February	0	-	5,087	3.05	2,567	1.68	7,654	2.59	190,711	1.89
March	0	-	2,579	2.33	2,567	1.73	5,146	2.03	204,415	1.94
April	0	-	5,145	2.30	2,574	1.67	7,720	2.09	188,666	2.03
May	0	-	2,673	2.25	2,563	1.68	5,236	1.97	171,307	2.17
June	0	-	4,996	2.33	2,569	1.66	7,566	2.10	182,364	1.98
July	0	-	2,490	2.30	5,152	1.67	7,642	1.88	194,581	1.92
August	0	-	2,498	2.30	2,594	1.70	5,092	2.00	197,322	1.97
September	0	-	5,113	2.46	5,139	1.70	10,252	2.08	194,027	2.09
October	0	-	5,075	2.50	0	-	5,075	2.50	192,222	1.93
November	0	-	5,064	2.49	2,529	1.76	7,593	2.24	209,619	2.07
December	1,678	1.94	5,034	2.56	2,536	1.74	7,570	2.29	224,811	2.27
Total	1,678	1.94	50,895	2.50	30,790	1.70	81,685	2.20	2,350,115	2.03
1994										
January	1,539	1.79	5,046	2.35	5,103	1.70	10,150	2.02	240,880	2.11
February	569	2.15	5,065	3.13	0	-	5,065	3.13	198,644	2.24
March	2,147	2.19	5,081	2.70	2,535	1.74	7,616	2.38	222,871	2.21
April	0	-	2,466	2.42	5,170	1.68	7,636	1.92	211,748	1.96
May	1,663	2.02	5,101	2.40	0	-	5,101	2.40	206,128	1.94
June	1,094	1.77	2,491	2.35	2,538	1.75	5,029	2.04	200,611	1.77
July	0	-	5,139	2.40	2,541	1.74	7,680	2.18	221,165	1.82
August	0	-	0	-	0	-	0	-	218,879	1.76
September	0	-	2,501	2.94	0	-	2,501	2.94	210,006	1.66
October	0	-	0	-	0	-	0	-	221,516	1.54
November	0	-	0	-	0	-	0	-	225,534	1.71
December	0	-	0	-	0	-	0	-	245,172	1.72
Total	7,013	1.99	32,891	2.59	17,887	1.71	50,778	2.28	2,623,155	1.87

- = Not applicable.

- = Less than 500,000 cubic feet.

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska.

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

Table FE7. Summary of U.S. Natural Gas Imports, 1977-1994
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year and Month	Pipeline				Total Pipeline	
	Canada		Mexico		Volume	Average Price
	Volume	Average Price	Volume	Average Price		
1977 Total	996,722	1.99	2,384	2.25	999,106	1.99
1978 Total	881,123	2.19	0	-	881,123	2.19
1979 Total	1,000,775	2.61	0	-	1,000,775	2.61
1980 Total	796,507	4.32	102,410	4.41	898,917	4.33
1981 Total	762,107	4.83	105,013	5.01	867,120	4.85
1982 Total	783,407	4.97	94,794	5.02	878,200	4.98
1983 Total	711,923	4.49	75,361	4.70	787,284	4.51
1984 Total	755,368	4.01	51,502	4.49	806,870	4.04
1985 Total	926,056	3.17	0	-	926,056	3.17
1986 Total	748,780	2.42	0	-	748,780	2.42
1987 Total	992,532	1.95	0	-	992,532	1.95
1988 Total	1,276,322	1.83	0	-	1,276,322	1.83
1989 Total	1,339,357	1.81	0	-	1,339,357	1.81
1990 Total	1,448,065	1.91	0	-	1,448,065	1.91
1991 Total	1,709,716	1.81	0	-	1,709,716	1.81
1992 Total	2,094,387	1.84	0	-	2,094,387	1.84
1993						
January	194,929	2.05	0	-	194,929	2.05
February	183,057	1.86	0	-	183,057	1.86
March	199,269	1.94	0	-	199,269	1.94
April	180,946	2.02	0	-	180,946	2.02
May	166,072	2.18	0	-	166,072	2.18
June	174,799	1.97	0	-	174,799	1.97
July	186,939	1.92	0	-	186,939	1.92
August	192,230	1.97	0	-	192,230	1.97
September	183,775	2.09	0	-	183,775	2.09
October	187,147	1.92	0	-	187,147	1.92
November	202,026	2.07	0	-	202,026	2.07
December	215,563	2.27	1,678	1.94	217,241	2.27
Total	2,266,751	2.02	1,678	1.94	2,268,429	2.02
1994						
January	229,191	2.12	1,539	1.79	230,730	2.12
February	193,009	2.22	569	2.15	193,579	2.22
March	213,109	2.21	2,147	2.19	215,255	2.21
April	204,112	1.96	0	-	204,112	1.96
May	199,364	1.93	1,663	2.02	201,027	1.93
June	194,487	1.76	1,094	1.77	195,581	1.76
July	213,485	1.81	0	-	213,485	1.81
August	218,879	1.76	0	-	218,879	1.76
September	207,504	1.64	0	-	207,504	1.64
October	221,516	1.54	0	-	221,516	1.54
November	225,534	1.71	0	-	225,534	1.71
December	245,172	1.72	0	-	245,172	1.72
Total	2,565,364	1.86	7,013	1.99	2,572,377	1.86

See footnotes at the end of table.

Table FE7. Summary of U.S. Natural Gas Imports, 1977-1994 (Continued)
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year and Month	LNG						Grand Total	
	Algeria		Canada		Indonesia		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1977 Total	11,324	0.92	572	3.96	0	-	1,011,002	1.98
1978 Total	84,422	1.53	0	-	0	-	965,545	2.13
1979 Total	252,608	2.03	0	-	0	-	1,253,383	2.49
1980 Total	85,850	3.77	0	-	0	-	984,767	4.28
1981 Total	36,824	5.54	6	6.63	0	-	903,949	4.88
1982 Total	55,136	5.82	0	-	0	-	933,336	5.03
1983 Total	131,124	6.41	0	-	0	-	918,407	4.78
1984 Total	36,191	4.90	0	-	0	-	843,060	4.08
1985 Total	23,659	4.60	0	-	0	-	949,715	3.21
1986 Total	0	-	0	-	1,669	4.62	750,449	2.43
1987 Total	0	-	0	-	0	-	992,532	1.95
1988 Total	17,490	2.71	0	-	0	-	1,293,812	1.84
1989 Total	42,163	2.22	0	-	0	-	1,381,520	1.82
1990 Total	84,193	2.47	0	-	0	-	1,532,259	1.94
1991 Total	63,596	2.36	0	-	0	-	1,773,313	1.83
1992 Total	43,116	2.54	0	-	0	-	2,137,504	1.85
1993								
January	5,141	2.70	0	-	0	-	200,070	2.07
February	7,654	2.59	0	-	0	-	190,711	1.89
March	5,146	2.03	0	-	0	-	204,415	1.94
April	7,720	2.09	0	-	0	-	188,666	2.03
May	5,236	1.97	0	-	0	-	171,307	2.17
June	7,566	2.10	0	-	0	-	182,364	1.98
July	7,642	1.88	0	-	0	-	194,581	1.92
August	5,092	2.00	0	-	0	-	197,322	1.97
September	10,252	2.08	0	-	0	-	194,027	2.09
October	5,075	2.50	0	-	0	-	192,222	1.93
November	7,593	2.24	0	-	0	-	209,619	2.07
December	7,570	2.29	0	-	0	-	224,811	2.27
Total	81,685	2.20	0	-	0	-	2,350,115	2.03
1994								
January	10,150	2.02	0	-	0	-	240,880	2.11
February	5,065	3.13	0	-	0	-	198,644	2.24
March	7,616	2.38	0	-	0	-	222,871	2.21
April	7,636	1.92	0	-	0	-	211,748	1.96
May	5,101	2.40	0	-	0	-	206,128	1.94
June	5,029	2.04	0	-	0	-	200,611	1.77
July	7,680	2.18	0	-	0	-	221,165	1.82
August	0	-	0	-	0	-	218,879	1.76
September	2,501	2.94	0	-	0	-	210,006	1.66
October	0	-	0	-	0	-	221,516	1.54
November	0	-	0	-	0	-	225,534	1.71
December	0	-	0	-	0	-	245,172	1.72
Total	50,778	2.28	0	-	0	-	2,623,155	1.87

- = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska.

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

Table FE8. U.S. Natural Gas Exports by Point of Exit, 1993-1994
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year and Month	Canada (Pipeline)									
	Detroit, MI		Havre, MT		St Clair, MI		Sweetgrass, MT		Total	
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1993										
January	1,295	2.30	0	-	2,954	2.09	0	-	4,249	2.15
February	1,319	2.21	0	-	4,220	2.06	0	-	5,539	2.10
March	2,605	2.15	0	-	4,009	1.99	0	-	6,614	2.05
April	1,182	2.33	0	-	2,698	1.87	0	-	3,880	2.01
May	617	2.25	0	-	2,721	1.69	0	-	3,338	1.79
June	1,120	2.06	0	-	2,303	1.77	0	-	3,423	1.86
July	1,213	2.16	0	-	2,380	1.77	0	-	3,592	1.90
August	411	1.73	0	-	2,337	2.21	0	-	2,748	2.14
September	420	2.13	0	-	2,017	2.23	0	-	2,437	2.21
October	498	1.90	0	-	2,776	2.23	0	-	3,274	2.18
November	1,225	3.09	0	-	1,682	2.62	0	-	2,907	2.81
December	1,266	3.09	106	1.93	1,145	2.89	0	-	2,517	2.95
Total	13,171	2.34	106	1.93	31,242	2.06	0	-	44,518	2.14
1994										
January	1,240	2.66	133	1.96	2,712	2.31	0	-	4,084	2.41
February	4,420	2.84	110	1.78	3,279	2.66	*	2.50	7,809	2.75
March	6,982	2.82	485	1.65	4,812	2.72	0	-	12,279	2.73
April	1,795	2.28	718	1.49	1,359	2.47	0	-	3,872	2.20
May	1,843	2.33	628	1.43	469	2.77	0	-	2,940	2.21
June	2,815	2.24	177	1.36	2,784	2.25	0	-	5,775	2.22
July	2,000	2.26	114	1.35	709	2.66	0	-	2,823	2.32
August	620	2.58	170	1.28	469	2.73	0	-	1,259	2.46
September	1,132	2.35	98	1.03	454	2.81	0	-	1,684	2.40
October	976	2.32	146	1.05	469	2.80	0	-	1,591	2.35
November	1,220	2.39	141	1.23	3,085	1.92	0	-	4,446	2.03
December	2,568	2.26	168	0.90	1,260	1.89	0	-	3,995	2.09
Total	27,610	2.53	3,087	1.43	21,859	2.43	*	2.50	52,556	2.42

See footnotes at the end of table.

Table FE8. U.S. Natural Gas Exports by Point of Exit, 1993-1994 (Continued)
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year and Month	Mexico (Pipeline)							
	Douglas, AZ		Eagle Pass, TX		El Paso, TX		Hidalgo, TX	
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1993								
January	425	1.39	82	2.90	1,453	2.35	5,439	2.03
February	293	0.86	63	2.54	0	-	79	2.03
March	296	1.06	60	2.85	522	2.13	312	2.36
April	350	1.21	45	3.12	600	2.14	0	-
May	315	0.97	49	3.48	1,103	2.41	0	-
June	285	1.07	46	2.80	1,171	1.91	203	2.01
July	130	0.49	44	2.89	1,201	2.06	772	1.89
August	243	1.33	41	2.68	929	2.16	1,330	2.12
September	275	1.29	41	2.93	575	2.31	1,050	2.29
October	131	0.49	51	2.46	0	-	1,225	1.89
November	321	1.11	70	2.62	356	2.12	800	2.00
December	190	0.84	69	2.98	867	2.46	163	2.14
Total	3,253	1.08	663	2.84	8,776	2.21	11,374	2.05
1994								
January	152	2.04	82	2.50	1,312	2.22	0	-
February	502	2.00	70	2.69	117	2.59	534	2.05
March	169	2.00	185	2.20	619	2.23	24	1.90
April	139	1.72	53	2.35	802	1.94	0	-
May	79	1.68	56	2.56	622	1.98	116	1.93
June	102	1.45	49	2.20	527	1.68	0	-
July	72	1.67	45	2.50	473	1.88	348	1.80
August	243	1.71	49	2.22	1,705	1.83	985	1.66
September	436	1.55	47	1.93	1,522	1.63	2,382	1.53
October	153	1.25	50	1.82	1,222	1.38	666	1.51
November	176	1.55	364	1.72	1,402	1.70	3,218	1.63
December	236	1.70	73	2.06	1,635	1.85	2,001	1.64
Total	2,459	1.73	1,125	2.10	11,958	1.83	10,273	1.63

See footnotes at the end of table.

Table FE8. U.S. Natural Gas Exports by Point of Exit, 1993-1994 (Continued)
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year and Month	Mexico (Pipeline)				Japan (LNG)		Total	
	Penitas, TX		Total		Port Nikiski, AK			
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1993								
January	646	1.93	8,045	2.05	4,367	3.44	16,661	2.44
February	1,977	1.77	2,412	1.69	4,372	3.32	12,323	2.45
March	2,592	1.94	3,782	1.95	5,834	3.25	16,229	2.46
April	2,041	2.21	3,036	2.09	4,371	3.42	11,287	2.58
May	2,137	2.54	3,605	2.37	4,381	3.47	11,324	2.63
June	2,477	1.87	4,181	1.84	2,950	3.51	10,554	2.31
July	1,789	1.88	3,936	1.90	5,162	3.49	12,691	2.55
August	570	2.02	3,113	2.06	4,761	3.40	10,623	2.68
September	406	2.34	2,347	2.20	5,136	3.31	9,919	2.78
October	660	2.24	2,067	1.93	3,305	3.23	8,646	2.52
November	315	2.04	1,862	1.90	4,757	3.21	9,526	2.83
December	0	-	1,290	2.21	6,592	3.18	10,399	3.01
Total	15,610	2.05	39,676	2.02	55,989	3.34	140,183	2.59
1994								
January	0	-	1,546	2.22	5,466	3.08	11,097	2.71
February	236	2.00	1,459	2.10	3,630	2.99	12,898	2.74
March	370	1.93	1,367	2.11	5,510	2.92	19,156	2.74
April	417	1.84	1,411	1.91	3,676	2.92	8,959	2.45
May	956	1.88	1,829	1.93	3,692	2.95	8,462	2.47
June	599	1.69	1,278	1.68	5,543	3.02	12,596	2.52
July	1,330	1.80	2,268	1.82	5,557	3.15	10,647	2.65
August	3,999	1.67	6,981	1.71	5,561	3.29	13,801	2.42
September	2,599	1.53	6,987	1.56	5,565	3.39	14,236	2.37
October	3,568	1.33	5,659	1.37	5,555	3.41	12,805	2.38
November	4,238	1.55	9,398	1.61	5,540	3.37	19,384	2.21
December	2,373	1.58	6,317	1.68	7,386	3.35	17,698	2.47
Total	20,685	1.59	46,500	1.68	62,682	3.18	161,738	2.50

- = Not applicable.

- = Less than 500,000 cubic feet.

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska.

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

Table FE9. Summary of U.S. Natural Gas Exports, 1977-1994
(Volume in Million Cubic Feet; Average Price in Dollars per Thousand Cubic Feet)

Year and Month	Pipeline				Total Pipeline		LNG		Grand Total	
	Canada		Mexico		Volume	Average Price	Japan		Volume	Average Price
	Volume	Average Price	Volume	Average Price			Volume	Average Price		
1977 Total	31	1.54	3,940	1.41	3,971	1.41	51,655	1.96	55,626	1.92
1978 Total	66	1.79	4,003	1.65	4,069	1.66	48,434	2.17	52,532	2.13
1979 Total	76	2.04	4,308	1.97	4,384	1.97	51,289	2.32	55,673	2.29
1980 Total	113	3.31	3,886	2.47	3,999	2.50	44,732	4.90	48,731	4.70
1981 Total	106	4.79	3,337	3.37	3,443	3.41	55,929	6.05	59,372	5.90
1982 Total	162	4.95	1,705	5.17	1,867	5.15	49,861	5.83	51,728	5.81
1983 Total	136	4.60	1,646	4.79	1,782	4.78	52,857	5.11	54,639	5.10
1984 Total	127	4.19	1,786	4.48	1,913	4.46	52,840	4.93	54,753	4.83
1985 Total	178	3.06	2,207	3.99	2,385	3.92	52,883	4.81	55,268	4.77
1986 Total	9,203	2.12	1,896	3.49	11,099	2.35	50,172	2.91	61,271	2.81
1987 Total	3,297	1.81	2,125	3.18	5,421	2.35	48,599	3.15	54,020	3.07
1988 Total	19,738	2.02	2,327	3.21	22,065	2.14	51,573	2.99	73,638	2.74
1989 Total	38,443	2.00	17,004	2.14	55,447	2.05	51,424	3.01	106,871	2.51
1990 Total	17,359	2.70	15,659	1.88	33,018	2.31	52,546	3.59	85,565	3.10
1991 Total	14,791	1.91	60,448	1.76	75,239	1.79	54,005	3.71	129,244	2.59
1992 Total	67,777	1.83	95,973	1.90	163,750	1.88	52,532	3.43	216,282	2.25
1993										
January	4,249	2.15	8,045	2.05	12,294	2.09	4,367	3.44	16,661	2.44
February	5,539	2.10	2,412	1.69	7,951	1.97	4,372	3.32	12,323	2.45
March	6,614	2.05	3,782	1.95	10,395	2.01	5,834	3.25	16,229	2.46
April	3,880	2.01	3,036	2.09	6,916	2.05	4,371	3.42	11,287	2.58
May	3,338	1.79	3,605	2.37	6,943	2.09	4,381	3.47	11,324	2.63
June	3,423	1.86	4,181	1.84	7,604	1.85	2,950	3.51	10,554	2.31
July	3,592	1.90	3,936	1.90	7,529	1.90	5,162	3.49	12,691	2.55
August	2,748	2.14	3,113	2.06	5,862	2.10	4,761	3.40	10,623	2.68
September	2,437	2.21	2,347	2.20	4,784	2.21	5,136	3.31	9,919	2.78
October	3,274	2.18	2,067	1.93	5,341	2.08	3,305	3.23	8,646	2.52
November	2,907	2.81	1,862	1.90	4,768	2.46	4,757	3.21	9,526	2.83
December	2,517	2.95	1,290	2.21	3,808	2.70	6,592	3.18	10,399	3.01
Total	44,518	2.14	39,676	2.02	84,195	2.08	55,989	3.34	140,183	2.59
1994										
January	4,084	2.41	1,546	2.22	5,630	2.35	5,466	3.08	11,097	2.71
February	7,809	2.75	1,459	2.10	9,268	2.64	3,630	2.99	12,898	2.74
March	12,279	2.73	1,367	2.11	13,646	2.67	5,510	2.92	19,156	2.74
April	3,872	2.20	1,411	1.91	5,283	2.12	3,676	2.92	8,959	2.45
May	2,940	2.21	1,829	1.93	4,769	2.10	3,692	2.95	8,462	2.47
June	5,775	2.22	1,278	1.68	7,053	2.12	5,543	3.02	12,596	2.52
July	2,823	2.32	2,268	1.82	5,091	2.10	5,557	3.15	10,647	2.65
August	1,259	2.46	6,981	1.71	8,240	1.83	5,561	3.29	13,801	2.42
September	1,684	2.40	6,987	1.56	8,671	1.72	5,565	3.39	14,236	2.37
October	1,591	2.35	5,659	1.37	7,250	1.58	5,555	3.41	12,805	2.38
November	4,446	2.03	9,398	1.61	13,844	1.74	5,540	3.37	19,384	2.21
December	3,995	2.09	6,317	1.68	10,313	1.84	7,386	3.35	17,698	2.47
Total	52,556	2.42	46,500	1.68	99,057	2.08	62,682	3.18	161,738	2.50

Notes: Totals may not equal sum of components due to independent rounding. Geographic coverage is the continental United States including Alaska.

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

Overview

Highlights

In August 1995, the Energy Information Administration published its quarterly forecast of short-term energy supply, demand, and prices in the Short-Term Energy Outlook, Quarterly Projections, Third Quarter 1995 (Outlook). The Outlook covers four major energy sources: petroleum and petroleum products, natural gas, coal, and electricity. The forecasts in this edition of Outlook cover the period from the third quarter of 1995 through the fourth quarter of 1996.

The projections made for natural gas are based on the following assumptions: real gross domestic product (GDP) growth will average 2.6 percent in 1995 and slow down to 1.8 percent in 1996 because of increases in prices and rising interest rates; the world price of oil will drop from \$17.94 per barrel in the second quarter of 1995 to \$16.33 this quarter then rise to \$17.50 per barrel by late 1995; and weather temperatures will be normal. Given these assumptions, the Outlook forecasts the following for natural gas through the fourth quarter of 1996:

Consumption

- Natural gas annual demand is expected to grow by nearly 3 percent in 1995 compared with 2 percent in 1994. In 1996, demand is projected to grow over 2 percent, if gas prices remain low and the weather remains normal.
- In 1995, gas demand is forecast to total 21.30 trillion cubic feet (compared to 20.73 trillion cubic feet in 1994). In 1996, gas demand is projected to total 21.84 trillion cubic feet, the highest level since 1973.
- Natural gas residential consumption in 1995 is expected to be lower than in 1994. Despite new customers continuing to be added, the weak heating market resulted in lower consumption in the fourth quarter of 1994 as well as the first quarter of 1995. In 1996, however, assuming normal weather and additional natural gas customers, consumption is projected to rise over 5 percent to total 5.05 trillion cubic feet.
- Consumption in the industrial sector is projected to grow by 5 percent to 8.29 trillion cubic feet in 1995 and by 1 percent to 8.42 trillion cubic feet in 1996, compared to 7.87 trillion cubic feet in 1994. This growth is attributed to low natural gas prices and continued, but weakened, growth in manufacturing production. In 1996, industrial gas growth is projected to slow as the economy slows.
- Natural gas commercial consumption in 1995 is expected to continue rising slightly to 2.97 trillion cubic feet. In 1996, aided by employment increases, commercial consumption is projected to increase to 3.15 trillion cubic feet.
- In 1995, electric utility natural gas consumption will continue to rise by over 2 percent, due to increasing electricity demand, to 3.13 trillion cubic feet. This compares to 2.99 trillion cubic feet in 1994. In 1996, consumption will remain steady, at 3.12 trillion cubic feet.

Production

- In 1995, production is projected to remain flat at 18.85 trillion cubic feet. In 1996, however, production is expected to increase almost 3 percent to 19.34 trillion cubic feet. Although production was hampered by imports of lower-priced Canadian gas and excess storage, increasing efficiency in gas exploration and development will enhance production.

Storage

- At the end of the heating season (March 31, 1995) natural gas storage levels were relatively high--about 385 billion cubic feet higher than year-ago levels. However, the storage injection rate has been slower this summer in an effort to help diminish supply.

Imports

- As U.S. demand continues to rise and Canada's production rises, 1995 net imports are expected to rise to 2.56 trillion cubic feet, or over 6 percent compared to the 1994 level of 2.40 trillion cubic feet. In 1996, net imports are projected to rise to 2.75 trillion cubic feet, or almost 8 percent. This equates to nearly 13 percent of total U.S. demand.

Prices

- Spot prices were affected by high underground storage levels. In February 1995, spot prices were \$1.34 per thousand cubic feet. By mid-June, spot prices were up 15 cents to \$1.49 per thousand cubic feet, but are now falling back to February levels.
- During the first half of 1995, natural gas wellhead prices were 20 percent lower than the previous year's levels. In the first quarter of 1995, natural gas wellhead price was almost 25 percent lower.
- The 1995 annual wellhead price is expected to be 8 percent lower than 1994 prices due to excess natural gas supplies resulting from a mild winter. Therefore, 1995 wellhead prices are expected to be \$1.68 per thousand cubic feet, or 14 cents less per thousand cubic feet than 1994. By 1996, assuming normal weather, wellhead prices are projected to be 20 cents higher, or \$1.88 per thousand cubic feet. These prices are influenced by oil prices.

Supply and Disposition

The Energy Information Administration estimates that marketed production (gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations) totaled 1,626 billion cubic feet in June 1995 (Table 1). This is 1 percent greater than in June 1994.

The total gas supply available for disposition in June 1995 was an estimated 1,913 billion cubic feet, 7 percent greater than in June 1994 (Table 2). The June 1995 total includes 37 billion cubic feet withdrawn from storage, 10 billion cubic feet of supplemental fuel supplies, and 214 billion cubic feet of imported gas.

On the disposition side, the consumption of 1,510 billion cubic feet was 4 percent less than in May 1995 and 8 percent greater than in June 1994 (Table 2). Total disposition included 390 billion cubic feet of gas injected into underground storage reservoirs and exports of 13 billion cubic feet.

Consumption

Data for the four major end-use sectors indicate that the total amount of gas delivered to all consumers in May 1995 was 1,422 billion cubic feet, a 13-percent decrease from April 1995 (Table 3). Consumption in the industrial sector decreased from 734 billion cubic feet in April 1995 to 711 billion cubic feet in May 1995, a decrease of 3 percent.

The electric utility sector consumed 258 billion cubic feet in May 1995, a 13-percent increase from April 1995 and a 19-percent increase from May 1994. The residential sector consumed 264 billion cubic feet in May 1995, 6 percent greater than in May 1994. The commercial sector consumed 190 billion cubic feet in May 1995, 13 percent greater than in May 1994.

Prices

Distributors paid an average \$2.75 per thousand cubic feet for gas at the city gate in May 1995. This is 1 percent greater than what these distributors paid in April 1995 and 14 percent less than what they paid in May 1994. Residential consumers paid \$6.51 per thousand cubic feet in May 1995, 5 percent lower than what they paid in May 1994. Commercial consumers paid \$4.99 per thousand cubic feet in May 1995, 1 percent less than what they paid in April 1995 and 8 percent less than what they paid in May 1994.

Industrial consumers paid \$2.52 per thousand cubic feet in May 1995, a 3-percent decrease from the April 1995 price of \$2.59 and 16 percent lower than in May 1994. Electric utilities paid an average of \$1.96 per thousand cubic feet in April 1995, a 3-percent increase from the \$1.91 per thousand cubic feet paid in March 1995.

Table 1. Summary of Natural Gas Production in the United States, 1989-1995
(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production (Wet)	Extraction Loss ^b	Total Dry Gas Production ^c
1989 Total	21,074	2,475	362	142	18,095	785	17,311
1990 Total	21,523	2,489	289	150	18,594	784	17,810
1991 Total	21,750	2,772	276	170	18,532	835	17,698
1992 Total	22,132	2,973	280	168	18,712	872	17,840
1993							
January	1,965	261	35	10	1,658	77	1,581
February	1,767	235	31	11	1,490	69	1,421
March	1,943	262	35	9	1,637	76	1,561
April	1,843	247	33	9	1,553	72	1,481
May	1,879	252	35	9	1,584	73	1,511
June	1,795	229	27	11	1,527	71	1,457
July	1,851	232	36	9	1,573	73	1,501
August	1,871	250	37	9	1,575	73	1,502
September	1,832	240	35	10	1,548	72	1,476
October	1,951	277	36	10	1,628	75	1,552
November	1,967	285	36	8	1,637	76	1,561
December	2,064	299	37	10	1,719	80	1,639
Total	22,729	3,069	414	116	19,130	886	18,244
1994							
January	2,045	300	33	9	1,702	79	1,623
February	1,843	270	30	8	1,534	71	1,462
March	2,037	300	35	9	1,693	79	1,614
April	1,943	274	33	9	1,627	76	1,552
May	2,004	285	34	9	1,676	78	1,598
June	^R 1,903	261	27	9	1,606	75	1,531
July	^R 1,967	269	30	10	^R 1,659	77	^R 1,582
August	1,951	267	28	10	^R 1,646	77	^R 1,570
September	1,890	262	29	10	1,590	74	1,516
October	1,987	308	30	10	1,638	76	1,562
November	2,014	296	30	10	1,677	78	1,599
December	2,096	336	30	10	1,720	80	1,640
Total	^R 23,679	^R 3,427	369	^R 113	^R 19,770	921	^R 18,849
1995							
January	^R 2,096	^R 326	32	10	^R 1,728	81	^R 1,647
February	^R 1,886	^R 300	28	9	^R 1,549	^R 72	^R 1,477
March	^R 2,043	^R 313	^R 30	^R 9	^R 1,690	79	^R 1,611
April	^R 1,995	^R 303	30	^R 9	^R 1,653	77	^R 1,576
May	^{RE} 2,049	^{RE} 317	^{RE} 30	^{RE} 9	^E 1,692	^E 79	^E 1,613
June	^E 1,966	^E 301	^E 29	^E 9	^E 1,626	^E 76	^E 1,550
1995 YTD	12,033	1,860	180	55	9,938	463	9,475
1994 YTD	11,773	1,690	191	53	9,839	458	9,380
1993 YTD	11,193	1,487	197	60	9,450	438	9,012

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

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

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

^R = Revised Data.

^E = Estimated Data.

^{RE} = Revised Estimated Data.

Notes: Data for 1989 through 1993 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: EIA, *Natural Gas Annual 1993* Table 7 and EIA estimates, January 1994 through current month. See Appendix A, Explanatory Notes 1, 3, and 6, for discussion of computation, estimating procedures, and revision policy.

Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1989-1995
(Billion Cubic Feet)

Year and Month	Supply					Total Supply/ Disposition ^d	Disposition		
	Total Dry Gas Production	Withdrawals from Storage ^a	Supplemental Gaseous Fuels ^b	Imports	Balancing Item ^c		Additions to Storage ^a	Exports	Consumption ^e
1989 Total	17,311	2,854	107	1,382	-218	21,435	2,528	107	18,801
1990 Total	17,810	1,986	123	1,532	-149	21,302	2,499	86	18,716
1991 Total	17,698	2,752	113	1,773	-500	21,836	2,672	129	19,035
1992 Total	17,840	2,772	118	2,138	-508	22,360	2,599	216	19,544
1993									
January	1,581	614	13	200	-63	2,346	37	17	2,292
February	1,421	591	11	191	-5	2,209	22	12	2,175
March	1,561	395	12	204	69	2,242	79	16	2,146
April	1,481	103	10	189	129	1,912	216	11	1,685
May	1,511	30	7	171	66	1,786	471	11	1,303
June	1,457	36	9	182	44	1,727	424	11	1,293
July	1,501	35	8	195	24	1,762	398	13	1,352
August	1,502	45	8	197	2	1,755	375	11	1,369
September	1,476	26	8	194	-23	1,681	391	10	1,280
October	1,552	103	10	192	-93	1,764	262	9	1,493
November	1,561	311	11	210	-206	1,887	106	10	1,771
December	1,639	510	13	225	-188	2,198	54	10	2,134
Total	18,244	2,799	119	2,350	-244	23,268	2,835	140	20,293
1994									
January	1,623	757	14	^R 241	^R -65	^R 2,570	33	11	2,526
February	1,462	543	12	^R 199	^R 140	^R 2,357	49	^R 13	2,295
March	1,614	236	11	^R 223	^R 74	2,158	103	19	2,036
April	1,552	68	10	^R 212	^R 85	1,926	280	^R 9	1,638
May	1,598	25	10	206	-4	^R 1,834	417	^R 8	1,409
June	1,531	33	9	^R 201	7	^R 1,781	375	^R 13	1,393
July	^R 1,582	24	10	^R 221	^R -37	^R 1,800	403	11	1,386
August	^R 1,570	29	9	^R 219	^R -37	1,790	364	14	^R 1,413
September	1,516	21	10	^R 210	^R -49	1,707	335	14	1,358
October	1,562	53	10	^R 222	-147	1,700	215	13	1,472
November	^E 1,599	196	^E 11	^R 224	^R -198	1,833	98	19	1,716
December	^E 1,640	422	^E 13	^R 245	^R -162	^R 2,158	54	^R 18	^E 2,085
Total	^R 18,849	2,408	129	^R 2,622	^R -394	^R 23,614	2,726	^R 162	20,726
1995									
January	^R 1,647	^R 620	14	251	^R -71	^R 2,461	^R 41	^R 14	^R 2,406
February	^R 1,477	^R 543	12	228	^R 4	^R 2,264	^R 42	13	^R 2,209
March	^R 1,611	^R 314	12	250	^R 22	^R 2,210	^R 101	^R 15	2,095
April	^R 1,576	^R 121	9	^{RE} 199	^R 75	^R 1,980	^R 168	^E 14	1,798
May	^E 1,613	^R 31	^E 10	^{RE} 207	^R 79	^R 1,939	^R 351	^E 11	^R 1,577
June	^E 1,550	37	^E 10	^E 214	102	1,913	390	^E 13	^E 1,510
1995 YTD	9,475	1,666	66	1,349	211	12,767	1,093	79	11,595
1994 YTD	9,380	1,662	66	1,281	237	12,626	1,257	73	11,296
1993 YTD	9,012	1,801	61	1,138	200	12,211	1,239	78	10,894

^a Monthly and annual data for 1989 through 1993 include underground storage and liquefied natural gas storage. Data for January 1994 forward include underground storage only. See Appendix A, Explanatory Note 7 for discussion of computation procedures.

^b Supplemental gaseous fuels data are only collected on an annual basis except for the Dakota Gasification Inc. coal gasification facility where they are gathered each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Inc.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio, which varies between .0028 and .0037, is applied to the monthly sum of these three elements. The Dakota Gasification Inc., monthly value is added to the result to produce the monthly supplemental fuels estimate.

^c Represents quantities lost and imbalances in data due to differences among data sources. See Appendix A, Explanatory Note 10, for full discussion.

^d "Total" data for 1989 through 1993 do not equal equivalent data in Table 1 of the *Natural Gas Annual 1993* due to the exclusion of intransit receipts and deliveries in the NGM.

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

^R = Revised Data.

^E = Estimated Data.

^{RE} = Revised Estimated Data.

Notes: • Data for 1989 through 1993 are final. All other data are preliminary unless otherwise indicated. • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components because of independent rounding.

Sources: • Total Dry Gas Production: EIA *Natural Gas Annual 1993*, 1989 through 1993; IOGCC (1994), Form EIA-895 (1995), MMS reporting, and EIA estimates, January 1994 through current month. See Appendix A, Explanatory Note 3 for estimation procedures and revision policy. • Withdrawals from and Additions to Storage: EIA *Natural Gas Annual 1993*, 1989 through 1993; Form EIA-191, January 1993 through current month. • Supplemental Gaseous Fuels: EIA *Natural Gas Annual 1993*, 1989 through 1993; and EIA computations, January 1994 through current month. See Appendix A, Explanatory Note 2, for discussion of computation procedures and revision policy. • Imports and Exports: Form FPC-14, 1989 through 1993; and EIA estimates, January 1994 through the current month. See Appendix A, Explanatory Note 4, for discussion of procedures and revision policy. • Consumption and Balancing Item: EIA *Natural Gas Annual 1993*, 1989 through 1993; and EIA computations, January 1994 through current month. See Appendix A, Explanatory Notes 5 and 10, for discussion of computation procedures and revision policy.

Figure 1. Production and Consumption of Natural Gas in the United States, 1992-1996

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

Table 3. Natural Gas Consumption in the United States, 1989-1995
(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel ^a	Pipeline Fuel ^b	Delivered to Consumers					Total Consumption
			Residential	Commercial	Industrial	Electric Utilities	Total	
1989 Total	1,070	629	4,781	2,718	6,816	2,787	17,102	18,801
1990 Total	1,236	660	4,391	2,623	7,018	2,787	16,820	18,716
1991 Total	1,129	601	4,556	2,729	7,231	2,789	17,305	19,035
1992 Total	1,171	588	4,690	2,803	7,527	2,766	17,786	19,544
1993								
January	102	72	831	416	708	164	2,119	2,292
February	92	68	768	403	681	162	2,015	2,175
March	101	67	703	371	710	194	1,978	2,146
April	96	52	450	254	659	174	1,537	1,685
May	98	39	232	152	614	167	1,166	1,303
June	94	39	164	123	618	255	1,160	1,293
July	96	41	130	119	631	334	1,214	1,352
August	97	42	120	111	641	357	1,230	1,369
September	95	39	142	120	627	258	1,146	1,280
October	101	45	255	169	689	235	1,347	1,493
November	102	55	457	260	689	208	1,615	1,771
December	107	66	705	362	719	174	1,961	2,134
Total	1,180	624	4,957	2,863	7,986	2,682	18,488	20,293
1994								
January	107	78	959	479	733	170	2,341	2,526
February	96	71	843	437	699	149	2,128	2,295
March	106	63	635	352	694	186	1,867	2,036
April	102	50	395	239	648	204	1,485	1,638
May	105	43	248	168	628	216	1,261	1,409
June	101	43	155	135	641	319	1,250	1,393
July	104	43	128	133	616	362	1,240	1,386
August	103	43	123	126	635	382	1,266	[#] 1,413
September	100	42	131	122	668	296	1,217	1,358
October	103	45	222	166	673	264	1,325	1,472
November	105	53	393	244	689	231	1,558	1,716
December	108	64	641	342	723	208	1,914	[#] 2,085
Total	[#] 1,238	638	4,874	2,943	8,047	2,987	18,851	20,726
1995								
January	[#] 108	74	818	427	780	199	2,224	[#] 2,406
February	97	68	753	410	712	169	2,044	[#] 2,209
March	106	64	603	337	739	245	1,924	2,095
April	103	55	421	256	734	229	1,639	1,798
May	106	49	264	190	711	258	1,422	1,577
1995 YTD	520	310	2,859	1,619	3,677	1,099	9,254	10,085
1994 YTD	515	305	3,081	1,675	3,402	925	9,083	9,903
1993 YTD	488	298	2,985	1,597	3,372	861	8,815	9,601

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

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

[#] = Revised Data.

^E = Estimated Data.

Notes: Data for 1988 through 1993 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. Deliveries to commercial consumers for total year 1992 and 1993 may not equal the sum of the twelve months. Gas volumes delivered for use as vehicle fuel are included in the annual total but not in the monthly components.

Sources: All data except electric utility: EIA *Natural Gas Annual* 1993, 1988 through 1993; and Form EIA-857 and computations January 1994 through the current month. See Appendix A, Explanatory Note 5, for computation procedures and revision policy. Electric utility data: Form EIA-759, "Monthly Power Plant Report" (formerly Form FPC-4).

Figure 2. Natural Gas Deliveries to Consumers in the United States, 1991-1995

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

Table 4. Selected National Average Natural Gas Prices, 1989-1995
(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price ^a	Major Interstate Pipeline Companies		City Gate	Delivered to Consumers			
		Imports ^b	Purchased from Producers ^b		Residential	Commercial	Industrial	Electric Utilities ^c
1989 Annual Average	1.69	2.04	2.18	3.01	5.64	4.74	2.96	2.43
1990 Annual Average	1.71	2.03	2.19	3.03	5.80	4.83	2.93	2.38
1991 Annual Average	1.64	2.02	1.92	2.90	5.82	4.81	2.69	2.18
1992 Annual Average	1.74	1.97	2.09	3.01	5.89	4.88	2.84	2.36
1993								
January	1.95	2.04	2.17	3.11	5.73	5.23	3.15	2.70
February	1.76	1.91	1.94	2.94	5.73	5.14	3.02	2.54
March	1.94	1.78	2.21	3.06	5.67	5.10	2.98	2.61
April	2.09	2.15	2.27	3.24	6.02	5.19	3.04	2.75
May	2.35	2.13	2.63	3.58	6.78	5.31	3.14	2.90
June	1.91	1.95	2.02	3.44	7.37	5.40	2.86	2.48
July	1.94	1.78	2.03	3.34	7.85	5.14	2.62	2.45
August	2.04	2.25	2.36	3.35	8.13	5.34	2.76	2.60
September	2.19	2.07	2.59	3.54	7.75	5.35	2.95	2.69
October	1.96	1.96	2.05	3.15	6.79	5.18	2.77	2.45
November	1.96	1.85	2.27	3.15	6.17	5.21	3.02	2.59
December	2.24	2.25	2.69	3.27	6.06	5.33	3.28	2.76
Annual Average	2.03	2.01	2.27	3.21	6.16	5.22	3.07	2.61
1994								
January	2.00	2.09	2.70	3.03	5.95	5.50	3.54	2.67
February	2.13	1.81	3.34	3.27	6.05	5.59	3.50	2.80
March	2.12	2.04	2.76	3.33	6.30	5.66	3.59	2.67
April	1.91	2.06	2.44	3.15	6.61	5.59	3.08	2.44
May	1.94	1.53	^R 2.62	3.18	6.84	5.44	3.00	2.46
June	1.75	1.90	2.43	3.20	7.66	5.36	2.78	2.25
July	1.84	1.44	2.34	3.12	8.08	5.22	2.84	^R 2.27
August	1.74	1.79	2.33	3.16	8.20	5.28	2.75	^R 2.16
September	1.56	1.39	2.08	2.92	7.83	5.34	2.60	2.00
October	1.48	1.28	1.79	2.82	6.87	5.09	2.51	1.95
November	1.68	1.25	1.46	2.85	6.25	5.18	2.88	2.10
December	1.72	1.58	2.85	2.86	6.07	5.23	3.03	2.17
Annual Average	1.83	1.68	2.43	3.08	6.41	5.43	3.05	^R 2.28
1995								
January	1.67	1.42	1.22	2.79	5.82	5.19	2.91	2.13
February	1.50	1.07	2.52	2.71	5.74	5.11	2.96	^R 1.99
March	1.53	1.00	1.72	2.74	5.82	5.09	2.76	1.91
April	^R 1.56	0.76	1.83	2.71	6.04	5.02	2.59	1.96
May	^E 1.64	1.20	1.61	2.75	6.51	4.99	2.52	NA
1995 YTD	1.58	1.09	1.78	2.74	5.89	5.10	2.76	1.52
1994 YTD	2.02	1.91	2.77	3.18	6.21	5.57	3.36	2.59
1993 YTD	2.02	2.00	2.25	3.13	5.84	5.18	3.06	2.70

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

^b See Appendix A, Explanatory Note 9, *NGM* for discussion of major interstate pipeline company data.

^c See Table Notes and Sources for explanation of break in series for consumer prices in 1988.

^R = Revised Data.

^E = Estimated Data.

NA = Not Available.

Notes: • Data for 1989 through 1993 are final. All other data are preliminary unless otherwise indicated. Average prices for gas delivered to commercial and industrial consumers reflect onsystem sales prices only. See Table 28 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries. • Geographic coverage is the 50 States and the District of Columbia.

Sources: • Average wellhead price: EIA *Natural Gas Annual* 1993, 1988 through 1993; and EIA estimates, January 1994 through current month. See Appendix A, Explanatory Note 8 for estimation procedures and revision policy. • Imports and Interstate Pipeline Company Purchases: Form FERC-11. • Average City Gate, Residential, Commercial and Industrial average prices for 1989 through current month from Form EIA-857. See Appendix A, Explanatory Note 5, for discussion of *NGM* revision policy. • Electric Utilities averages from Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Figure 3. Average Price of Natural Gas Delivered to Consumers in the United States, 1991-1995

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

Figure 4. Average Price of Natural Gas in the United States, 1991-1995

Source: *Natural Gas Annual*, Form FERC-11, and Form EIA-857.

Table 5. U.S. Natural Gas Imports, by Country, 1989-1995

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

Year and Month	Pipeline				LNG		Total	
	Canada		Mexico		Algeria		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1989 Total	1,339,357	1.81	0	—	42,163	2.22	1,381,520	1.82
1990 Total	1,448,065	1.91	0	—	84,193	2.47	1,532,259	1.94
1991 Total	1,709,716	1.81	0	—	63,596	2.36	1,773,313	1.83
1992 Total	2,094,387	1.84	0	—	43,116	2.54	2,137,504	1.85
1993								
January	194,929	2.05	0	—	5,141	2.70	200,070	2.07
February	183,057	1.86	0	—	7,654	2.59	190,711	1.89
March	199,269	1.94	0	—	5,146	2.03	204,415	1.94
April	180,946	2.02	0	—	7,720	2.09	188,666	2.03
May	166,072	2.18	0	—	5,236	1.97	171,307	2.17
June	174,799	1.97	0	—	7,566	2.10	182,364	1.98
July	186,939	1.92	0	—	7,642	1.88	194,581	1.92
August	192,230	1.97	0	—	5,092	2.00	197,322	1.97
September	183,775	2.09	0	—	10,252	2.08	194,027	2.09
October	187,147	1.92	0	—	5,075	2.50	192,222	1.93
November	202,026	2.07	0	—	7,593	2.24	209,619	2.07
December	215,563	2.27	1,678	1.94	7,570	2.29	224,811	2.27
Total	2,266,751	2.02	1,678	1.94	81,685	2.20	2,350,115	2.03
1994								
January	^R 229,191	^R 2.12	^R 1,539	^R 1.79	10,150	^R 2.02	^R 240,880	^R 2.11
February	^R 193,009	^R 2.22	569	^R 2.15	5,065	^R 3.13	^R 198,644	^R 2.24
March	^R 213,109	^R 2.21	^R 2,147	2.19	7,616	^R 2.38	^R 222,871	^R 2.21
April	^R 204,112	^R 1.96	0	—	7,636	^R 1.92	^R 211,748	^R 1.96
May	^R 199,364	^R 1.93	^R 1,663	2.02	5,101	^R 2.40	^R 206,128	^R 1.94
June	^R 194,487	^R 1.76	^R 1,094	1.77	5,029	^R 2.04	^R 200,611	^R 1.77
July	^R 213,485	^R 1.81	0	—	7,680	^R 2.18	^R 221,165	^R 1.82
August	^R 218,879	^R 1.76	0	—	0	—	^R 218,879	^R 1.76
September	^R 207,504	^R 1.64	0	—	^R 2,501	^R 2.94	^R 210,006	1.66
October	^R 221,516	^R 1.54	0	—	0	—	^R 221,516	^R 1.54
November	^R 225,534	^R 1.71	0	—	0	—	^R 225,534	^R 1.71
December	^R 245,172	^R 1.72	0	—	0	—	^R 245,172	^R 1.72
Total	^R 2,565,364	^R 1.86	^R 7,013	^R 1.99	50,778	^R 2.28	^R 2,623,155	^R 1.87
1995								
January	248,246	^R 1.54	^R 158	^R 1.39	2,510	^R 2.40	^R 250,914	^R 1.55
February	225,034	^R 1.45	0	—	2,573	^R 2.43	227,606	^R 1.46
March	247,449	^R 1.45	^R 150	^R 1.51	2,621	^R 2.45	^R 250,220	^R 1.46
April	^R 198,928	NA	^E 0	NA	0	NA	^{RE} 198,928	NA
May	^{RE} 204,387	NA	^E 0	NA	2,576	NA	^{RE} 206,963	NA
June	^E 213,911	NA	0	NA	0	NA	^E 213,911	NA
1995 YTD	1,337,954	NA	308	NA	10,280	NA	1,348,542	NA
1994 YTD	1,233,272	2.04	7,013	1.99	40,597	2.26	1,280,882	2.04
1993 YTD	1,099,072	2.00	0	—	38,461	2.25	1,137,533	2.01

^R = Revised Data.

^E = Estimated Data.

^{RE} = Revised Estimated Data.

NA = Not Available.

— = Not Applicable.

Sources: 1989-1993: Energy Information Administration, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." January 1994 through the current month: Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Import and Exports*. Monthly data (for the most current months), Pipeline: data shown with an E are taken from data from the National Energy Board of Canada plus EIA estimates. LNG: industry reports.

Table 6. U.S. Natural Gas Exports, by Country, 1989-1995

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

Year and Month	Pipeline				LNG		Total	
	Canada		Mexico		Japan		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1989 Total	38,443	2.00	17,004	2.14	51,424	3.01	106,871	2.51
1990 Total	17,359	2.70	15,659	1.88	52,546	3.59	85,565	3.10
1991 Total	14,791	1.91	60,448	1.76	54,005	3.71	129,244	2.59
1992 Total	67,777	1.83	95,973	1.90	52,532	3.43	216,282	2.25
1993								
January	4,249	2.15	8,045	2.05	4,367	3.44	16,661	2.44
February	5,539	2.10	2,412	1.69	4,372	3.32	12,323	2.45
March	6,614	2.05	3,782	1.95	5,834	3.25	16,229	2.46
April	3,880	2.01	3,036	2.09	4,371	3.42	11,287	2.58
May	3,338	1.79	3,605	2.37	4,381	3.47	11,324	2.63
June	3,423	1.86	4,181	1.84	2,950	3.51	10,554	2.31
July	3,592	1.90	3,936	1.90	5,162	3.49	12,691	2.55
August	2,748	2.14	3,113	2.06	4,761	3.40	10,623	2.68
September	2,437	2.21	2,347	2.20	5,136	3.31	9,919	2.78
October	3,274	2.18	2,067	1.93	3,305	3.23	8,646	2.52
November	2,907	2.81	1,862	1.90	4,757	3.21	9,526	2.83
December	2,517	2.95	1,290	2.21	6,592	3.18	10,399	3.01
Total	44,518	2.14	39,676	2.02	55,989	3.34	140,183	2.59
1994								
January	^R 4,084	2.41	1,546	2.22	5,466	^R 3.08	^R 11,097	^R 2.71
February	^R 7,809	^R 2.75	^R 1,459	^R 2.10	3,630	^R 2.99	^R 12,898	2.74
March	^R 12,279	^R 2.73	^R 1,367	^R 2.11	^R 5,510	^R 2.92	^R 19,156	^R 2.74
April	^R 3,872	^R 2.20	^R 1,411	1.91	^R 3,676	^R 2.92	^R 8,959	^R 2.45
May	^R 2,940	^R 2.21	^R 1,829	^R 1.93	3,692	^R 2.95	^R 8,462	^R 2.47
June	^R 5,775	2.22	^R 1,278	^R 1.68	5,543	^R 3.02	^R 12,596	^R 2.52
July	^R 2,823	^R 2.32	^R 2,268	1.82	^R 5,557	^R 3.15	^R 10,647	^R 2.65
August	^R 1,259	^R 2.46	^R 6,981	^R 1.71	^R 5,561	^R 3.29	^R 13,801	^R 2.42
September	^R 1,684	^R 2.40	^R 6,987	^R 1.56	5,565	^R 3.39	^R 14,236	^R 2.37
October	^R 1,591	^R 2.35	^R 5,659	^R 1.37	^R 5,555	^R 3.41	^R 12,805	^R 2.38
November	^R 4,446	^R 2.03	^R 9,398	^R 1.61	^R 5,540	^R 3.37	^R 19,384	^R 2.21
December	^R 3,995	^R 2.09	^R 6,317	1.68	7,386	^R 3.35	^R 17,698	^R 2.47
Total	^R 52,556	^R 2.43	^R 46,500	^R 1.68	^R 62,682	^R 3.18	^R 161,738	^R 2.50
1995								
January	^R 2,585	^R 1.94	^R 5,576	^R 1.54	5,541	^R 3.35	^R 13,702	^R 2.35
February	^R 2,121	^R 1.89	^R 5,542	^R 1.37	5,557	^R 3.37	^R 13,220	^R 2.30
March	^R 2,537	^R 1.96	^R 6,670	^R 1.36	5,573	^R 3.37	^R 14,780	^R 2.22
April	^E 3,000	NA	^E 5,000	NA	5,541	NA	^E 13,541	NA
May	^E 3,000	NA	^E 4,500	NA	3,698	NA	^E 11,198	NA
June	^E 2,500	NA	^E 4,500	NA	5,559	NA	^E 12,559	NA
1995 YTD	15,743	NA	31,788	NA	31,468	NA	78,999	NA
1994 YTD	36,759	2.52	8,890	2.00	27,518	2.99	73,167	2.63
1993 YTD	27,043	2.01	25,061	2.02	26,275	3.39	78,379	2.48

^R = Revised Data.

^E = Estimated Data.

NA = Not Available.

Sources: 1989-1993: Energy Information Administration, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." January 1994 through the current month: Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Import and Exports*. Monthly data (for the most current months), Pipeline: data shown with an E are taken from data from the National Energy Board of Canada plus EIA estimates. LNG: industry reports.

Table 7. Marketed Production of Natural Gas, by State, 1989-1995

Year and Month	Alabama ^b	Alaska	California	Colorado	Florida	Kansas
1989 Total	128,411	393,729	362,860	216,737	7,534	601,196
1990 Total	135,276	402,907	362,748	242,997	6,483	573,603
1991 Total	170,847	437,822	378,384	285,961	4,884	628,459
1992 Total	355,099	443,597	365,632	323,041	6,657	658,007
1993						
January	32,873	40,013	27,877	31,415	619	68,147
February	29,095	34,949	24,888	28,343	564	59,400
March	29,508	39,222	26,922	32,604	582	61,713
April	28,430	35,649	25,782	33,728	583	54,871
May	30,361	35,380	26,048	35,308	588	56,082
June	29,058	30,817	25,020	32,852	570	53,020
July	31,132	32,867	25,472	31,942	579	52,949
August	31,622	33,227	25,516	33,729	630	50,945
September	31,465	33,569	25,169	32,913	576	47,545
October	33,401	36,987	27,230	34,355	623	54,344
November	38,311	37,839	27,329	35,240	573	60,437
December	42,767	39,830	28,599	38,556	598	66,894
Total	388,024	430,350	315,851	400,985	7,085	686,347
1994						
January	33,931	40,660	27,262	37,740	595	71,267
February	31,900	36,582	26,431	35,090	560	58,063
March	35,467	40,494	27,893	39,202	699	60,325
April	33,534	34,837	25,782	35,216	622	57,901
May	34,667	33,683	24,883	37,892	670	60,607
June	32,249	34,083	25,861	33,773	623	56,248
July	33,847	35,667	26,979	^a 37,548	751	57,750
August	33,884	35,797	26,997	^a 38,290	636	56,598
September	25,692	35,839	25,028	^a 35,390	597	52,991
October	33,443	40,331	24,890	^a 37,203	714	56,702
November	33,730	40,625	25,264	^a 38,224	640	61,661
December	33,417	44,202	25,648	^a 44,552	611	63,904
Total	395,761	452,800	312,918	^a 450,120	7,718	714,017
1995						
January	^a 32,705	43,485	26,389	^a 40,323	631	^a 63,748
February	^a 28,326	37,688	23,511	^a 39,403	576	^a 56,032
March	^a 31,744	43,226	24,449	^a 41,272	615	^a 60,046
April	31,409	37,654	22,942	^a 39,976	^a 583	57,409
1995 YTD	124,185	162,053	97,291	160,974	2,405	237,236
1994 YTD	134,832	152,573	107,368	147,248	2,476	247,556
1993 YTD	119,907	149,834	105,469	126,090	2,348	244,131

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1989-1995 — Continued

Year and Month	Louisiana ^c	Michigan	Mississippi	Montana	New Mexico	North Dakota
1989 Total	5,078,125	155,988	102,645	51,307	854,615	51,174
1990 Total	5,241,989	172,151	94,616	50,429	965,104	52,169
1991 Total	5,034,361	195,749	108,031	51,999	1,038,284	53,479
1992 Total	4,914,300	194,815	91,697	53,867	1,268,863	54,883
1993						
January	418,437	19,093	7,684	5,245	116,793	4,963
February	378,331	10,200	7,273	4,727	108,693	4,591
March	402,013	24,570	7,187	5,054	118,701	5,025
April	391,108	19,700	7,071	4,715	114,083	4,952
May	406,484	14,321	7,048	4,605	119,420	5,167
June	390,387	17,810	6,570	3,972	113,302	4,988
July	408,142	20,659	6,988	3,912	114,752	5,146
August	415,729	16,945	6,409	3,376	119,683	5,117
September	412,554	18,394	6,494	4,021	116,166	4,909
October	436,257	15,761	6,155	4,982	120,811	4,958
November	454,032	14,458	5,746	4,839	121,512	4,910
December	477,665	12,723	6,070	5,080	125,513	5,125
Total	4,991,138	204,635	80,695	54,528	1,409,429	59,851
1994						
January	^E 455,416	15,333	5,763	4,928	^E 129,398	4,492
February	^E 403,954	15,333	5,387	4,469	^E 115,209	3,938
March	^E 441,266	21,612	6,057	4,562	^E 126,450	4,993
April	^E 429,859	21,718	5,310	4,384	^E 126,533	4,423
May	^E 450,095	25,640	5,303	4,063	^E 131,253	4,481
June	^E 431,846	18,410	7,815	3,336	^E 124,221	4,238
July	^E 438,439	20,693	7,959	3,335	^E 127,027	4,178
August	^E 434,475	17,738	8,596	3,707	^E 132,629	4,107
September	^E 420,517	20,328	8,686	3,912	^E 129,267	3,939
October	^E 430,164	15,412	8,060	4,396	^E 135,423	4,246
November	^E 451,372	18,566	7,676	4,309	^E 136,356	3,959
December	^E 469,514	11,104	7,998	^E 4,563	^E 141,047	3,805
Total	5,256,917	221,887	84,610	49,964	1,554,813	50,799
1995						
January	^E 454,036	23,203	7,812	^R 4,907	^E 143,798	4,022
February	^E 405,232	16,185	7,010	^R 4,274	^E 128,031	3,932
March	^E 434,469	24,277	7,816	^{RE} 4,694	^E 140,522	4,410
April	^E 430,008	^E 22,068	7,400	4,616	^E 139,023	4,111
1995 YTD	1,723,745	85,733	30,038	18,491	551,374	16,475
1994 YTD	1,730,495	73,996	22,517	18,343	497,590	17,846
1993 YTD	1,589,889	73,563	29,215	19,741	458,271	19,531

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1989-1995 — Continued

Year and Month	Oklahoma	Texas ^c	Utah	Wyoming	Other ^a States	U.S. Total
1989 Total	2,237,037	6,241,425	120,089	665,699	826,576	18,095,147
1990 Total	2,258,471	6,343,146	145,875	735,728	810,100	18,593,792
1991 Total	2,153,852	6,280,654	144,817	776,528	788,328	18,532,439
1992 Total	2,017,356	6,145,862	171,293	842,576	804,264	18,711,808
1993						
January	181,837	538,516	19,616	75,103	70,041	1,658,274
February	162,387	486,738	19,258	67,130	62,965	1,489,531
March	174,972	541,028	22,756	78,099	67,071	1,637,028
April	167,804	523,026	18,944	58,848	64,071	1,553,365
May	169,008	531,571	17,559	59,838	65,446	1,584,236
June	162,193	513,547	18,487	58,896	65,900	1,527,388
July	164,704	529,217	17,230	63,716	64,063	1,573,470
August	164,753	524,152	15,512	62,833	65,112	1,575,290
September	162,440	509,437	15,130	64,743	62,699	1,548,224
October	176,939	524,933	19,488	62,844	67,550	1,627,620
November	177,265	504,582	19,920	62,370	67,874	1,637,237
December	185,638	522,878	21,502	64,536	74,598	1,718,572
Total	2,049,942	6,249,624	225,401	778,956	797,391	19,130,233
1994						
January	[#] 175,353	529,106	27,856	70,503	[#] 72,439	[#] 1,702,043
February	[#] 163,605	482,677	21,413	64,017	[#] 65,295	[#] 1,533,924
March	[#] 170,983	545,684	23,600	74,649	[#] 69,331	[#] 1,693,269
April	[#] 165,201	525,343	23,079	67,903	[#] 65,758	[#] 1,627,405
May	[#] 166,350	537,549	23,787	69,139	[#] 65,949	[#] 1,676,012
June	[#] 165,725	520,475	22,146	60,943	[#] 64,219	[#] 1,606,212
July	[#] 165,376	543,947	22,952	67,615	[#] 64,934	[#] 1,658,999
August	[#] 162,530	544,035	23,516	57,758	[#] 65,152	[#] 1,646,445
September	[#] 157,704	517,760	21,778	67,027	[#] 63,242	[#] 1,589,697
October	[#] 155,002	528,097	23,073	72,388	[#] 68,632	[#] 1,638,176
November	[#] 164,221	522,273	26,817	72,403	[#] 69,359	[#] 1,677,455
December	[#] 161,749	545,805	22,333	66,356	[#] 73,538	[#] 1,720,146
Total	1,973,799	6,342,751	282,350	810,701	807,848	[#]19,769,783
1995						
January	[#] 168,461	540,249	24,100	77,224	[#] 73,371	[#] 1,727,941
February	[#] 157,120	488,673	21,814	65,794	[#] 66,135	[#] 1,549,278
March	168,224	544,527	25,911	69,792	[#] 70,222	[#] 1,690,040
April	[#] 161,332	529,469	24,633	70,432	[#] 67,220	[#] 1,652,529
1995 YTD	655,137	2,102,918	96,458	283,242	276,949	6,619,788
1994 YTD	675,142	2,082,810	95,948	277,072	272,823	6,556,640
1993 YTD	687,000	2,089,308	80,574	279,179	264,148	6,338,198

^a Includes Arizona, Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Oregon, Pennsylvania, South Dakota, Tennessee, Virginia and West Virginia. The 1994 and 1995 monthly values for these States are estimated.

^b The 1992 and 1993 monthly and annual values for Alabama include Federal Offshore production.

^c Monthly Federal offshore production volumes are included.

[#] = Revised Data.

^E = Estimated Data.

^{RE} = Revised Estimated Data.

Notes: Data for 1988 through 1993 are final. All other data are preliminary unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

Sources: •EIA Natural Gas Annual 1993 1988 through 1993. •IOGCC (1994), Form EIA-895 (1995), MMS reports, and EIA computations, January 1994 through current month.

Table 8. Revenues, Expenses, and Income of Major Interstate Natural Gas Pipeline Companies, 1989-1995
(Million Dollars)

Year and Month	Total Sales Volume ^a (Bcf)	Gas Operating Revenues	Gas Operating Expenses				Total Operating Income	Total Income Before Interest Charges and Extraordinary Expenses	Net Income ^c
			Operation and Maintenance	Depreciation, Depletion, and Amortization	Taxes ^b	Total Gas Operating Expenses			
1989 Total	5,652	26,703	21,522	1,451	596	24,168	2,575	4,595	2,311
1990 Total	4,877	24,275	18,980	1,483	648	21,686	2,590	4,227	2,319
1991 Total	4,052	21,649	17,996	1,311	627	20,158	1,492	1,857	179
1992 Total	3,686	21,575	16,073	1,124	663	18,917	2,657	4,035	2,406
1993									
January	323	1,942	1,337	114	55	1,634	308	382	260
February	356	1,880	1,303	114	58	1,593	286	380	265
March	393	1,968	1,362	113	54	1,662	306	408	270
April	265	1,550	1,099	215	54	1,453	97	303	175
May	157	1,349	951	103	52	1,158	192	273	128
June	182	1,413	991	120	51	1,238	175	288	161
July	195	1,373	909	114	50	1,137	237	313	196
August	199	1,450	1,081	98	49	1,275	176	228	104
September	197	1,424	999	82	46	1,214	210	345	165
October	178	1,438	1,056	81	58	1,278	161	319	203
November	289	1,889	1,284	83	47	1,587	302	345	280
December	155	1,448	1,245	32	37	1,228	220	335	129
Total	2,888	19,127	13,617	1,269	611	16,456	2,671	3,920	2,337
1994									
January	169	1,461	900	122	63	1,166	294	415	218
February	149	1,386	911	45	57	1,128	259	322	198
March	130	1,303	780	104	54	1,055	247	380	275
April	127	1,249	776	160	54	1,079	170	258	137
May	^R 124	^R 1,207	^R 740	^R 126	^R 53	^R 995	^R 212	^R 325	200
June	131	1,119	698	63	48	904	215	312	170
July	126	1,113	717	95	52	940	172	288	153
August	126	1,040	648	97	53	856	185	361	213
September	115	1,172	710	107	47	934	238	353	208
October	121	1,092	636	118	49	798	293	379	260
November	97	1,178	681	116	49	967	211	159	33
December	114	1,390	904	70	34	1,050	340	554	427
Total	^R 1,530	^R 14,710	^R 9,103	^R 1,223	^R 614	^R 11,873	^R 2,837	^R 4,105	2,493
1995									
January	112	1,203	730	120	58	987	217	347	213
February	105	1,159	614	127	57	907	251	390	260
March	58	1,210	653	146	50	965	245	353	228
April	63	1,071	579	128	55	850	221	354	222
May	106	1,053	576	139	56	851	203	352	217

^a Includes sales for resale and sales to ultimate consumers.

^b Excludes income taxes.

^c Total Income before Interest Charges and Extraordinary Expenses and Investment Tax Credits minus Income Taxes, Interest Charges, and Extraordinary Items.

^R = Revised Data.

Notes: Data up to the current month of the prior year are final. All other data are preliminary unless otherwise indicated. See Appendix A, Explanatory Note 9 for discussion of major interstate pipeline companies. Totals may not equal sum of components because of independent rounding. This table shows selected items only and therefore does not balance mathematically.

Source: Form FERC-11.

Table 9. Volumes and Prices of Natural Gas Sold by Major Interstate Natural Gas Pipeline Companies, 1989-1995

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

Year and Month	To Industrial Users		To Other Ultimate Consumers		Total Sales to Ultimate Consumers		Sales for Resale		Total Sales of Natural Gas		Number of Companies
	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	
1989 Total	392,843	2.58	465,592	5.02	858,435	3.91	4,324,349	3.51	5,182,784	3.58	50
1990 Total	229,662	2.80	374,166	5.18	603,828	4.28	3,849,486	3.40	4,453,314	3.52	51
1991 Total	157,212	2.48	364,078	4.77	521,290	4.08	3,309,713	3.51	3,831,003	3.59	50
1992 Total	154,802	2.42	345,731	4.86	500,533	4.11	3,009,787	3.51	3,510,320	3.60	50
1993											
January	4,623	2.68	6,761	4.44	11,384	3.72	312,591	3.65	323,975	3.65	51
February	6,462	2.26	117	2.73	6,579	2.27	335,111	3.28	341,690	3.27	51
March	5,725	2.41	75	3.16	5,800	2.42	335,596	2.93	341,396	2.92	51
April	7,396	2.29	129	2.46	7,525	2.29	251,075	3.28	258,600	3.25	51
May	7,458	2.51	62	3.16	7,520	2.51	142,838	4.24	150,358	4.15	51
June	6,329	2.40	35	4.26	6,364	2.41	151,971	4.23	158,335	4.15	50
July	9,005	2.36	34	4.47	9,039	2.37	177,597	3.42	186,636	3.37	50
August	13,628	2.63	61	3.61	13,689	2.64	178,455	3.48	192,144	3.42	50
September	4,310	2.78	34	4.38	4,344	2.79	184,411	3.42	188,755	3.41	50
October	6,303	2.24	25	5.28	6,328	2.25	166,454	3.59	172,782	3.54	50
November	6,666	1.91	16	1.75	6,682	1.91	275,360	3.29	282,042	3.26	50
December	2,141	2.40	14	2.00	2,155	2.40	145,687	2.80	147,842	2.79	51
Total	80,046	2.41	7,363	4.34	87,409	2.57	2,657,146	3.41	2,744,555	3.39	51
1994											
January	849	2.24	15	2.07	864	2.24	166,741	2.34	167,605	2.34	51
February	2,731	2.29	13	2.15	2,744	2.29	144,943	2.36	147,687	2.36	52
March	378	2.43	10	2.30	388	2.43	129,460	2.30	129,848	2.30	52
April	287	2.40	16	2.50	303	2.40	126,311	2.50	126,614	2.50	52
May	^R 2,858	^R 2.29	12	2.58	^R 2,870	^R 2.29	^R 121,224	^R 2.26	^R 124,094	^R 2.26	52
June	3,838	2.13	3	3.00	3,841	2.13	126,975	1.99	130,816	2.00	52
July	3,185	2.09	46	2.37	3,231	2.10	122,318	1.99	125,549	1.99	52
August	4,798	1.93	29	2.31	4,827	1.93	121,539	2.05	126,366	2.05	52
September	5,050	1.68	17	1.65	5,067	1.68	110,408	2.11	115,475	2.09	52
October	2,410	1.31	3	2.67	2,413	1.31	117,755	1.97	120,168	1.95	52
November	2,401	1.64	30	1.93	2,431	1.64	94,856	1.80	97,287	1.79	52
December	2,941	1.80	17	2.18	2,958	1.80	111,490	2.03	114,448	2.03	52
Total	^R 31,726	^R 1.93	211	2.22	^R 31,937	^R 1.93	^R 1,494,020	^R 2.16	^R 1,525,957	^R 2.16	52
1995											
January	371	1.86	17	2.18	388	1.87	111,171	1.79	111,559	1.79	51
February	521	1.14	1	2.00	522	1.14	104,542	1.47	105,064	1.47	52
March	765	1.50	12	2.25	777	1.51	57,215	1.96	57,992	1.96	52
April	80	3.75	13	2.23	93	3.54	63,234	1.90	63,327	1.90	52
May	1,702	1.40	10	2.60	1,712	1.40	104,285	1.53	105,997	1.53	52

^a All prices are weighted averages.

^R = Revised Data.

Notes: The summaries presented in this table are exclusive of transactions between major pipeline companies in the computation of total pipeline activities to eliminate double-counting. Data up to the current month of the prior year are final. All other data are preliminary unless otherwise indicated. See Appendix A, Explanatory Note 9, for discussion of major interstate pipeline companies. Totals may not equal sum of components because of independent rounding.

Source: Form FERC-11.

Table 10. Volumes and Prices of Natural Gas Sold by Major Interstate Natural Gas Pipeline Companies, by Company, May 1995

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

Pipeline Company	To Industrial Users		To Other Ultimate Consumers		Total Sales to Ultimate Consumers		Sales for Resale		Total Sales of Natural Gas	
	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a
Algonquin Gas	0	—	0	—	0	—	0	—	0	—
ANR	0	—	0	—	0	—	0	—	0	—
Bear Creek Storage	0	—	0	—	0	—	0	—	0	—
Chandeleur Pipeline Co.	0	—	0	—	0	—	0	—	0	—
Colorado Interstate	0	—	0	—	0	—	0	—	0	—
Columbia Gas Transm.	0	—	0	—	0	—	0	—	0	—
Columbia Gulf	0	—	3	3.33	3	3.33	0	—	3	3.33
Consolidated Gas	0	—	0	—	0	—	1,001	1.94	1,001	1.94
East Tennessee	0	—	0	—	0	—	0	—	0	—
El Paso	0	—	0	—	0	—	882	1.30	882	1.30
Equitrans	0	—	0	—	0	—	0	—	0	—
Florida Gas	0	—	0	—	0	—	0	—	0	—
Great Lakes Gas	0	—	0	—	0	—	0	—	0	—
High Island Offshore	0	—	0	—	0	—	0	—	0	—
Iroquois Gas Transm. Sys.	0	—	0	—	0	—	0	—	0	—
K N Energy Inc.	0	—	0	—	0	—	0	—	0	—
K N Wattenberg Trans.	0	—	0	—	0	—	0	—	0	—
Kern River Gas Trans.	0	—	0	—	0	—	0	—	0	—
Koch Gateway Pipeline Co.	0	—	0	—	0	—	505	1.61	505	1.61
Michigan Gas Storage	0	—	0	—	0	—	0	—	0	—
Midwestern	0	—	0	—	0	—	0	—	0	—
Mississippi River	0	—	0	—	0	—	9	1.56	9	1.56
Mobile Bay Pipeline Co.	0	—	0	—	0	—	0	—	0	—
Mojave Pipeline Co.	0	—	0	—	0	—	0	—	0	—
Mountain Fuel Res.	0	—	0	—	0	—	0	—	0	—
National Fuel	0	—	0	—	0	—	0	—	0	—
Natural Gas Pipeline	0	—	0	—	0	—	9,709	1.36	9,709	1.36
Noram Gas Transmission	0	—	0	—	0	—	5,192	1.74	5,192	1.74
Northern Border	0	—	0	—	0	—	0	—	0	—
Northern Natural	0	—	0	—	0	—	758	4.63	758	4.63
Northwest Alaskan	0	—	0	—	0	—	31,247	1.11	31,247	1.11
Northwest Pipeline	0	—	0	—	0	—	0	—	0	—
Overthrust Pipeline	0	—	0	—	0	—	0	—	0	—
Pacific Gas Transm.	0	—	0	—	0	—	0	—	0	—
Pacific Interstate	0	—	0	—	0	—	7,207	1.20	7,207	1.20
Panhandle Eastern	0	—	0	—	0	—	0	—	0	—
Sabine Pipeline Co.	0	—	0	—	0	—	0	—	0	—
Sea Robin Pipeline	0	—	0	—	0	—	0	—	0	—
Southern Natural	0	—	0	—	0	—	9,008	1.63	9,008	1.63
Stingray Pipeline	0	—	0	—	0	—	0	—	0	—
Tenneco, Inc.	0	—	0	—	0	—	11,734	1.03	11,734	1.03
Texas Eastern	0	—	0	—	0	—	425	1.77	425	1.77
Texas Gas Transm.	0	—	0	—	0	—	2,466	1.72	2,466	1.72
Trailblazer Pipeline	0	—	0	—	0	—	0	—	0	—
Transcontinental	0	—	0	—	0	—	24,142	2.29	24,142	2.29
Transwestern Pipeline	1,702	1.30	7	2.29	1,709	1.31	0	—	1,709	1.31
Trunkline Gas Co.	0	—	0	—	0	—	0	—	0	—
U-T Offshore	0	—	0	—	0	—	0	—	0	—
Viking Gas Company	0	—	0	—	0	—	0	—	0	—
Williams Natural	0	—	0	—	0	—	0	—	0	—
Williston Basin	0	—	0	—	0	—	0	—	0	—
Wyoming Interstate	0	—	0	—	0	—	0	—	0	—
Total/Average Price^a	1,702	1.40	10	2.60	1,712	1.40	104,285	1.53	105,997	1.53
Sales to Other Major Companies	—	—	—	—	—	—	0	—	0	—
Sales Excluding Sales to Major Companies	—	—	—	—	—	—	104,285	1.53	105,997	1.53

^a All prices are computed weighted averages based on dollar and volume amounts reported, which may include or reflect out-of-period dollar or volume adjustments, restatements or revisions, or account reclassifications or provisions for pending regulatory adjustments. See Appendix A, Explanatory Note 9 for discussion of apparent anomalies.

— = Not Applicable.

Notes: Two lines have been added to this table to explicitly differentiate transactions between major and nonmajor pipeline companies. Totals may not equal sum of components due to independent rounding and provisions for pending regulatory adjustments.

Source: Form FERC-11.

Table 11. Natural and Other Gases Produced and Purchased by Major Interstate Natural Gas Pipeline Companies, 1989-1995
(Million Cubic Feet)

Year and Month	Transported Gas ^a	Natural Gas Production	Manufactured Gas, Liquefied Natural Gas, Gasified Coal, and Synthetic Gas Production	Purchased Natural Gas				
				From Producers	Intracompany Transfers	Imports	From Others	Total
1989 Total	18,696,398	108,036	24,609	3,532,588	74,058	903,488	411,997	4,922,131
1990 Total	21,681,372	93,386	24,163	3,601,690	72,986	965,859	355,273	4,995,808
1991 Total	22,031,321	73,065	23,376	2,631,069	72,118	806,558	274,168	3,783,913
1992 Total	24,577,895	75,428	25,107	2,254,501	82,751	816,977	279,946	3,434,175
1993								
January	2,160,587	6,430	1,064	203,273	5,475	45,331	7,912	261,991
February	1,986,703	6,047	2,102	155,930	5,238	70,472	5,571	237,211
March	2,166,055	29,669	0	166,270	5,563	71,018	9,610	252,461
April	1,961,262	5,532	1,033	156,249	4,796	75,589	^b 2,233	234,401
May	1,923,655	5,578	894	170,393	5,037	63,140	3,380	241,950
June	1,932,256	5,432	2,216	161,092	4,175	74,240	4,005	243,512
July	1,942,939	5,343	2,140	166,886	4,500	76,334	1,306	249,026
August	1,924,775	5,228	2,199	148,527	12,439	63,834	^b 257	224,543
September	1,843,669	5,433	1,788	149,971	4,659	46,096	3,940	204,666
October	2,076,287	5,684	2,143	144,311	341	76,058	^b 469	220,241
November	2,388,049	6,240	1,094	129,816	10	44,091	6,499	180,416
December	2,513,588	1,840	1,167	93,406	9,355	34,845	^b 6,642	130,964
Total	24,825,545	88,456	17,840	1,846,124	61,588	741,048	32,622	2,681,382
1994								
January	2,789,621	4,966	2,408	88,101	3,433	46,324	4,127	141,985
February	2,662,627	5,272	2,156	62,379	2,862	35,142	^b 768	99,615
March	2,594,569	4,287	1,922	79,783	2,633	37,149	2,182	121,747
April	2,323,529	3,936	0	78,011	2,227	38,383	3,718	122,339
May	^R 2,220,417	3,046	2,260	^R 75,708	^R 1,444	38,467	8,014	^R 123,633
June	2,208,012	4,444	2,123	75,513	2,532	38,507	4,492	121,044
July	2,190,499	2,673	2,244	79,164	1,360	45,529	4,301	130,354
August	2,178,642	4,310	1,907	77,447	2,803	40,714	2,979	123,943
September	2,041,711	3,837	2,032	84,213	2,670	35,572	2,807	125,262
October	2,223,148	4,732	2,010	56,306	3,141	38,321	^b 726	97,042
November	2,398,661	4,695	2,112	67,412	3,749	41,657	6,155	118,973
December	2,718,262	5,729	2,150	73,021	2,965	35,406	2,883	114,275
Total	^R 28,549,698	51,927	23,324	^R 897,058	^R 31,819	471,171	40,164	^R 1,440,212
1995								
January	2,707,018	4,101	2,253	67,282	2,484	39,856	5,643	115,265
February	2,620,009	3,338	3,375	58,872	1,920	35,980	^b 70	96,702
March	3,506,028	4,057	3,598	65,562	2,487	37,667	17,906	123,622
April	2,404,647	4,376	2,359	52,874	2,767	36,288	9,406	101,335
May	2,369,945	3,670	3,266	70,020	2,272	37,080	^b 5,403	103,969

^a Gas transported for other companies through the production, transmission, or distribution lines or compressor stations of the reporting pipelines.

^b Includes out-of-period adjustments to correct data in prior month.

^R = Revised Data.

Notes: Previously published manufactured gas is now summarized with liquefied natural gas, gasified coal, and synthetic gas production. Also, the summaries presented in this table are exclusive of transactions between major pipeline companies in the computation of total pipeline activities to eliminate double counting. See Appendix A, Explanatory Note 9, for discussion of major interstate pipeline companies. Totals may not equal sum of components because of independent rounding.

Source: Form FERC-11.

Table 12. Natural and Other Gases Produced and Purchased by Major Interstate Natural Gas Pipeline Companies, by Company, May 1995
(Million Cubic Feet)

Pipeline Company	Transported Gas	Natural Gas Production	Manufactured Gas, Liquefied Natural Gas, Gasified Coal and Synthetic Gas Production	Purchased Natural Gas				
				From Producers	Intracompany Transfers	Imports	From Others	Total
Algonquin Gas	22,295	0	0	0	0	0	0	0
ANR	125,084	0	1,097	13,180	0	600	^a -12,116	1,664
Bear Creek Storage	0	0	0	0	0	0	0	0
Chandeleur Pipeline Co.	0	0	0	0	0	0	0	0
Colorado Interstate	50,863	2,272	0	2,823	2,272	0	0	5,095
Columbia Gas Transm.	58,842	0	0	7	0	0	2,491	2,498
Columbia Gulf	69,120	0	0	0	0	0	2,002	2,002
Consolidated Gas	47,059	844	0	1,014	0	0	^a -20	994
East Tennessee	6,787	0	0	252	0	0	576	828
El Paso	115,408	0	0	859	0	0	244	1,103
Equitrans	6,728	0	0	0	0	0	0	0
Florida Gas	46,906	0	0	0	0	0	0	0
Great Lakes Gas	77,624	0	0	0	0	0	0	0
High Island Offshore	25,426	0	0	0	0	0	0	0
Iroquois Gas Transm. Sys.	25,456	0	0	0	0	0	0	0
K N Energy Inc.	9,956	0	0	0	0	0	39	39
K N Wattenberg Trans.	5,698	0	0	0	0	0	132	132
Kern River Gas Trans.	23,167	0	0	0	0	0	0	0
Koch Gateway Pipeline Co.	78,478	0	0	521	0	0	0	521
Michigan Gas Storage	1,030	0	0	0	0	0	0	0
Midwestern	10,036	0	0	^a -525	0	0	36	^a -489
Mississippi River	27,464	0	0	^a -15	0	0	0	^a -15
Mobile Bay Pipeline Co.	0	0	0	0	0	0	0	0
Mojave Pipeline Co.	13,934	0	0	0	0	0	0	0
Mountain Fuel Res.	25,436	0	0	3	0	0	0	3
National Fuel	31,086	0	0	0	0	0	0	0
Natural Gas Pipeline	247,320	0	901	3,654	0	5,233	0	8,887
Noram Gas Transmission	49,109	0	0	3,173	0	0	2,868	6,041
Northern Border	57,426	0	0	0	0	0	0	0
Northern Natural	163,990	0	0	809	0	0	0	809
Northwest Alaskan	0	0	0	0	0	31,247	0	31,247
Northwest Pipeline	61,285	0	0	0	0	0	0	0
Overthrust Pipeline	1,581	0	0	0	0	0	0	0
Pacific Gas Transm.	69,533	0	0	0	0	0	0	0
Pacific Interstate	0	0	0	0	0	0	7,423	7,423
Panhandle Eastern	46,921	0	0	0	0	0	0	0
Sabine Pipeline Co.	17,217	0	0	0	0	0	0	0
Sea Robin Pipeline	31,040	0	0	0	0	0	0	0
Southern Natural	48,516	0	0	7,777	0	0	7	7,784
Stingray Pipeline	21,126	0	0	0	0	0	0	0
Tenneco, Inc.	150,525	134	1,268	6,989	0	0	^a -1,355	5,634
Texas Eastern	87,293	0	0	1,321	0	0	0	1,321
Texas Gas Transm.	48,252	0	0	2,458	0	0	0	2,458
Trailblazer Pipeline	14,822	0	0	0	0	0	0	0
Transcontinental	187,350	0	0	25,204	0	0	1,777	26,981
Transwestern Pipeline	48,189	0	0	65	0	0	0	65
Trunkline Gas Co.	38,824	0	0	0	0	0	0	0
U-T Offshore	12,991	0	0	0	0	0	0	0
Viking Gas Company	12,952	0	0	0	0	0	0	0
Williams Natural	25,252	0	0	451	0	0	0	451
Williston Basin	4,482	420	0	0	0	0	0	0
Wyoming Interstate	13,977	0	0	0	0	0	0	0
Total	2,369,945	3,670	3,266	70,020	2,272	37,080	4,104	113,476
Purchases from Other Major Companies	—	—	—	0	0	0	9,507	9,507
Purchases Excluding Purchases from Other Major Companies	—	—	—	70,020	2,272	37,080	^a -5,403	103,969

^a Includes out-of-period adjustments to correct data in prior month.

Notes: Previously published manufactured gas is now summarized with liquefied natural gas, gasified coal, and synthetic gas production. Two lines have been added to this table that explicitly differentiate transactions between major and nonmajor pipeline companies. See Appendix A, Explanatory Note 9, for discussion of major interstate pipeline companies. Totals may not equal sum of components because of independent rounding.

Source: Form FERC-11.

Table 13. Underground Natural Gas Storage - All Operators, 1989-1995
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net ^c
1989 Total^a	3,812	2,513	6,325	-337	-11.8	2,491	2,804	-313
1990 Total^a	3,868	3,068	6,936	555	22.1	2,433	1,934	499
1991 Total^a	3,954	2,824	6,778	-244	-8.0	2,608	2,689	-80
1992 Total^a	4,044	2,597	6,641	-227	-8.0	2,555	2,724	-168
1993								
January	4,259	1,827	6,085	-389	-17.6	37	592	-555
February	4,231	1,303	5,533	-535	-29.1	22	569	-547
March	4,204	1,029	5,233	-516	-33.4	79	383	-304
April	4,219	1,120	5,340	-453	-28.8	212	103	109
May	4,244	1,521	5,765	-327	-17.7	456	30	426
June	4,257	1,895	6,151	-258	-12.0	410	36	374
July	4,256	2,240	6,497	-219	-8.9	385	35	350
August	4,263	2,554	6,817	-207	-7.5	364	45	319
September	4,256	2,884	7,140	-160	-5.3	378	26	353
October	4,315	2,978	7,292	-245	-7.6	256	103	153
November	4,326	2,762	7,088	-292	-9.5	106	303	-197
December	4,327	2,322	6,649	-275	-10.6	54	492	-439
Total	—	—	—	—	—	2,760	2,717	43
1994								
January	4,348	1,579	5,927	-247	-13.5	33	757	-724
February	4,337	1,091	5,428	-212	-16.3	49	543	-494
March	4,343	958	5,301	-71	-6.9	103	236	-133
April	4,345	1,172	5,517	52	4.6	280	68	212
May	4,352	1,554	5,906	33	2.2	417	25	392
June	4,352	1,896	6,248	2	0.1	375	33	342
July	4,355	2,273	6,629	33	1.5	403	24	379
August	4,355	2,607	6,962	53	2.1	364	29	334
September	4,353	2,912	7,265	28	1.0	335	21	313
October	4,354	3,075	7,429	97	3.3	215	53	161
November	4,353	2,978	7,331	216	7.8	98	196	-98
December	4,360	2,606	6,966	284	12.2	54	422	-368
Total	—	—	—	—	—	2,726	2,408	317
1995								
January	4,356	^R 2,032	^R 6,388	^R 453	28.7	^R 41	^R 620	^R -579
February	4,359	^R 1,531	^R 5,890	^R 440	^R 40.4	^R 42	^R 543	^R -501
March	^R 4,353	^R 1,323	^R 5,676	^R 366	^R 38.2	^R 101	^R 314	^R -214
April	4,351	^R 1,371	^R 5,723	^R 199	^R 17.0	^R 168	^R 121	^R 47
May	4,384	^R 1,661	^R 6,045	^R 106	^R 6.8	^R 351	^R 31	^R 320
June	4,390	2,011	6,401	114	6.0	390	37	354

^a Total as of December 31.

^b Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1989 - 8,124; 1990 - 8,125; 1991 - 7,993; 1992 - 7,932; 1993 - 7,989; and 1994 - 8,043.

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

^R = Revised Data.

— = Not Applicable.

Notes: Data for 1989 through 1993 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Total working gas that has been reclassified as base gas at the end of each month (in billion cubic feet): Jan. - Aug. 1993 - 217; Sept. 1993 - 218; Oct. 1993 - 277; Nov. 1993, Dec. 1993, and Jan. 1994 - 298. In January 1994, 11 billion cubic feet was added to base gas for four new respondents.

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

Figure 5. Underground Natural Gas Storage in the United States, 1991-1995

Source: Form EIA-191 and Form EIA-176

Table 14. Underground Natural Gas Storage - Interstate Operators of Storage Fields, 1989-1995
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net ^c
1989 Total^a	2,478	1,764	4,242	-328	-15.7	1,787	2,072	-285
1990 Total^a	2,496	2,203	4,699	439	24.9	1,705	1,284	421
1991 Total^a	2,571	1,985	4,556	-218	-9.9	1,904	2,015	-111
1992 Total^a	2,652	1,819	4,471	-166	-8.4	1,838	1,940	-102
1993								
January	2,866	1,223	4,089	-331	-21.3	29	398	-370
February	2,848	833	3,681	-456	-35.3	11	407	-396
March	2,825	619	3,444	-461	-42.7	47	275	-228
April	2,840	680	3,519	-424	-38.4	139	67	71
May	2,861	972	3,833	-313	-24.4	331	20	311
June	2,867	1,250	4,117	-237	-15.9	294	18	276
July	2,867	1,502	4,370	-193	-11.4	267	15	252
August	2,872	1,737	4,609	-172	-9.0	255	24	231
September	2,874	1,997	4,872	-113	-5.4	265	12	253
October	2,925	2,034	4,960	-197	-8.8	168	78	90
November	2,941	1,851	4,792	-259	-12.3	69	230	-161
December	2,939	1,531	4,470	-288	-15.8	36	349	-313
Total	—	—	—	—	—	1,911	1,894	17
1994								
January	2,948	1,006	3,954	-217	-17.7	18	525	-506
February	2,943	680	3,623	-154	-18.4	33	364	-331
March	2,951	576	3,526	-43	-6.9	68	170	-102
April	2,950	748	3,697	68	10.1	206	39	167
May	2,956	1,024	3,980	52	5.3	299	15	284
June	2,956	1,270	4,225	20	1.6	260	14	246
July	2,958	1,540	4,498	37	2.5	288	15	273
August	2,957	1,790	4,746	53	3.1	266	17	249
September	2,959	1,992	4,951	-5	-0.3	217	12	205
October	2,955	2,094	5,048	59	2.9	133	37	96
November	2,953	2,012	4,965	160	8.7	60	143	-83
December	2,960	1,743	4,703	211	13.8	34	299	-265
Total	—	—	—	—	—	1,883	1,650	232
1995								
January	2,957	1,336	4,292	330	32.8	26	438	-413
February	2,958	^a 956	^a 3,914	^a 276	^a 40.5	20	397	-377
March	^a 2,955	^a 803	^a 3,758	^a 228	^a 39.5	66	222	^a -156
April	2,954	^a 844	^a 3,798	^a 96	^a 12.9	118	78	40
May	2,956	^a 1,067	^a 4,023	^a 43	^a 4.2	241	17	224
June	2,962	1,323	4,285	53	4.2	282	23	259

^a Total as of December 31.

^b Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1989 and 1990 - 5,622; 1991 - 5,512; 1992 - 5,524; 1993 - 5,367; and 1994 - 5,351.

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

^a = Revised Data.

— = Not Applicable.

Notes: Data for 1989 through 1993 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

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

Table 15. Underground Natural Gas Storage - Intrastate Operators and Independent Producers, 1989-1995
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net ^c
1989 Total^a	1,335	749	2,083	-9	-1.2	705	732	-27
1990 Total^a	1,372	864	2,236	115	15.4	728	650	78
1991 Total^a	1,383	839	2,221	-25	-2.9	705	674	31
1992 Total^a	1,392	778	2,170	-61	-7.3	717	784	-67
1993								
January	1,393	603	1,996	-58	-8.8	8	189	-182
February	1,383	469	1,852	-79	-14.4	11	158	-147
March	1,379	410	1,789	-55	-11.7	31	105	-74
April	1,380	441	1,820	-29	-6.1	72	35	37
May	1,383	549	1,932	-14	-2.5	121	10	111
June	1,390	645	2,035	-22	-3.2	113	17	95
July	1,389	738	2,127	-26	-3.4	115	20	96
August	1,391	818	2,208	-35	-4.2	106	21	85
September	1,381	886	2,268	-47	-5.0	110	13	97
October	1,389	944	2,333	-49	-4.9	87	25	62
November	1,385	911	2,296	-32	-3.4	36	70	-34
December	1,388	791	2,179	13	1.7	17	139	-123
Total	—	—	—	—	—	826	802	24
1994								
January	1,400	573	1,973	-30	-5.0	15	232	-217
February	1,394	411	1,804	-59	-12.5	16	179	-163
March	1,392	382	1,775	-28	-6.8	36	66	-31
April	1,395	424	1,819	-17	-3.8	74	29	45
May	1,396	530	1,926	-18	-3.4	118	10	108
June	1,396	627	2,023	-18	-2.8	115	18	96
July	1,397	734	2,131	-4	-0.6	115	9	105
August	1,398	817	2,215	-1	-0.1	98	13	85
September	1,395	920	2,315	34	3.8	117	9	108
October	1,400	981	2,381	37	4.0	82	17	66
November	1,400	966	2,367	55	6.1	38	53	-15
December	1,400	863	2,263	73	9.2	20	123	-103
Total	—	—	—	—	—	843	758	85
1995								
January	1,400	^R 696	^R 2,096	^R 123	^R 21.5	15	^R 192	^R -167
February	1,401	^R 575	^R 1,976	^R 164	^R 40.0	^R 22	^R 146	^R -123
March	1,398	520	1,918	138	^R 36.1	^R 35	93	-58
April	1,397	^R 527	^R 1,924	^R 103	^R 24.3	^R 50	44	^R 6
May	1,428	^R 594	^R 2,021	^R 63	^R 11.9	^R 110	^R 14	^R 97
June	1,428	688	2,116	61	9.8	109	14	95

^a Total as of December 31.

^b Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1989 - 2,502; 1990 - 2,503; 1991 - 2,481; 1992 - 2,407; 1993 - 2,621; and 1994 - 2,692.

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

^R = Revised Data.

— = Not Applicable.

Notes: Data for 1989 through 1993 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

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

Table 16. Net Withdrawals from Underground Storage, by State, 1993-1995
(Volumes in Million Cubic Feet)

State	1995					
	June	May	April	March	February	January
Arkansas	-1,312	-211	130	539	753	1,005
California	-26,009	-26,370	2,797	7,942	4,650	30,961
Colorado	-6,097	^R -2,204	^R 4,715	^R 4,979	^R 3,502	4,186
Illinois	-28,861	-28,504	4,427	24,154	58,368	63,435
Indiana	-1,793	-332	647	2,523	6,896	5,997
Iowa	-8,122	-3,955	672	4,469	10,876	20,494
Kansas	-12,810	^R 9,689	^R -1,504	^R 10,731	^R 12,038	^R 15,022
Kentucky	-7,628	^R -12,771	-3,464	4,527	12,619	13,327
Louisiana	-27,481	^R -18,654	^R -9,576	8,672	39,073	51,770
Maryland	-2,031	-2,000	244	105	4,244	2,213
Michigan	-65,576	^R -53,099	^R 1,189	^R 51,336	^R 112,702	106,022
Minnesota	-262	-331	47	257	477	513
Mississippi	-1,638	-7,168	-4,717	4,052	^R 6,286	10,324
Missouri	9	-621	271	42	279	584
Montana	-1,983	-1,280	-798	689	1,994	3,499
Nebraska	-866	-643	198	930	995	2,112
New Mexico	-1,105	-1,223	-222	-437	2	2,144
New York	-11,293	^R -8,567	^R -600	^R 5,516	^R 13,802	14,141
Ohio	-31,526	-27,845	5,132	19,784	37,613	50,118
Oklahoma	-12,648	-16,462	-4,420	9,874	^R 13,614	23,665
Oregon	-1,034	-1,179	-867	440	385	1,677
Pennsylvania	-52,590	^R -42,346	^R -13,250	^R 28,252	^R 92,485	66,247
Texas	-17,473	^R -23,899	^R -21,599	^R 7,075	^R 19,009	^R 32,897
Utah	-5,954	-3,468	-1,001	3,407	3,388	7,889
Washington	-1,551	-2,570	-233	253	2,230	2,097
West Virginia	-24,342	-24,418	-5,762	12,163	41,332	43,805
Wyoming	-1,536	-451	775	1,410	1,324	2,979
Total	-353,513	^R-320,260	^R-46,767	^R213,682	^R500,936	^R579,123

See footnotes at end of table.

Table 16. Net Withdrawals from Underground Storage, by State, 1993-1995
(Volumes in Million Cubic Feet) — Continued

State	1994						
	Total	December	November	October	September	August	July
Arkansas	2,482	597	359	64	-210	-803	-563
California	-5,255	25,624	16,734	-12,245	-25,494	-9,353	-17,644
Colorado	583	3,381	1,625	-228	-5,151	-5,303	-4,339
Illinois	-12,232	32,046	8,658	-26,347	-37,403	-34,491	-32,643
Indiana	-3,598	2,933	-630	-2,800	-3,989	-4,369	-5,034
Iowa	-2,877	17,770	4,570	-9,095	-11,694	-10,993	-10,251
Kansas	-7,460	10,228	6,741	-4,488	-9,835	-12,597	-10,780
Kentucky	-5,179	8,342	-332	-3,357	-3,591	-6,861	-9,656
Louisiana	-42,446	38,642	4,050	-9,127	-23,343	-22,588	-30,427
Maryland	-1,307	1,133	774	-1,769	-1,549	-1,459	-2,100
Michigan	-91,325	63,037	19,633	-30,943	-65,948	-76,822	-74,477
Minnesota	-287	72	3	2	-149	-202	-369
Mississippi	-14,136	5,274	-881	-3,621	-2,132	-5,267	-5,924
Missouri	85	-6	-230	-207	-269	-307	-316
Montana	7,818	2,673	1,705	-1,033	-1,772	-1,086	-1,352
Nebraska	-2,471	2,003	-182	-930	-2,125	-336	-2,125
New Mexico	-1,835	540	552	-2,117	-4,187	-131	148
New York	-1,891	8,892	2,670	-1,376	-5,002	-8,901	-9,115
Ohio	-28,767	27,783	3,793	-10,509	-21,811	-26,575	-33,310
Oklahoma	-18,407	16,188	3,589	-4,499	-8,838	-13,075	-16,166
Oregon	-690	638	437	-253	-684	-1,075	-1,196
Pennsylvania	-8,578	43,454	18,675	-15,255	-23,971	-43,449	-51,585
Texas	-42,988	22,432	-5,231	-10,369	-22,462	-17,537	-23,877
Utah	-19,181	5,311	2,389	-3,842	-8,449	-6,222	-5,462
Washington	-1,609	1,574	388	-217	-1,134	-451	-1,809
West Virginia	-12,595	25,135	7,565	-5,917	-20,863	-22,280	-27,112
Wyoming	-3,119	1,913	463	-974	-1,439	-1,505	-1,120
Total	-317,267	367,607	97,887	-161,453	-313,495	-334,041	-378,603

See footnotes at end of table.

Table 16. Net Withdrawals from Underground Storage, by State, 1993-1995
(Volumes in Million Cubic Feet) — Continued

State	1994						1993
	June	May	April	March	February	January	Total
Arkansas	-553	-531	310	1,303	1,041	1,468	8,208
California	-20,247	-28,111	-18,917	897	44,162	39,338	-19,693
Colorado	-1,767	-5,767	5,376	2,715	4,918	5,123	3,162
Illinois	-29,615	-24,079	267	14,617	44,056	72,701	-12,196
Indiana	-2,453	56	727	2,074	3,469	6,416	-596
Iowa	-6,504	-5,564	-1,828	2,997	9,452	18,261	-3,176
Kansas	-5,383	-11,037	-655	839	14,149	15,358	-6,809
Kentucky	-9,353	-9,701	-4,763	4,595	12,310	17,188	11,625
Louisiana	-21,672	-34,087	-22,060	13,307	18,795	46,064	-7,638
Maryland	-1,465	-2,045	-1,248	-537	2,468	6,488	5,106
Michigan	-74,466	-73,090	-42,155	30,657	88,856	144,392	-39,033
Minnesota	-372	-341	156	191	195	527	72
Mississippi	-1,604	-4,738	-4,369	-3,384	3,632	8,879	-117
Missouri	-1,355	-1,454	2,155	278	530	1,266	68
Montana	-1,807	-938	781	2,019	4,805	3,824	21,308
Nebraska	-897	-2,138	-959	-143	2,733	2,628	-2,767
New Mexico	-576	-2,029	1,326	-280	1,919	3,002	8,426
New York	-12,238	-8,794	-8,991	8,752	14,291	17,921	-889
Ohio	-31,701	-29,423	-15,824	16,898	35,259	56,653	13,269
Oklahoma	-12,545	-24,152	-16,740	2,664	24,172	30,996	-14,535
Oregon	-1,498	-1,210	820	946	1,126	1,262	100
Pennsylvania	-58,043	-54,363	-36,801	26,404	77,166	109,191	-650
Texas	-12,062	-33,313	-22,962	-8,014	37,982	52,426	10,658
Utah	-4,028	-6,033	-1,350	-2,945	7,093	4,357	-7,271
Washington	-1,765	-2,604	-2,102	435	4,473	1,602	-1,915
West Virginia	-27,590	-25,106	-21,125	16,292	32,671	55,735	-8,614
Wyoming	-758	-1,574	-891	-563	2,702	627	1,221
Total	-342,316	-392,168	-211,822	133,013	494,427	723,696	-42,674

See footnotes at end of table.

Table 16. Net Withdrawals from Underground Storage, by State, 1993-1995
(Volumes in Million Cubic Feet) — Continued

State	1993						
	December	November	October	September	August	July	June
Arkansas	1,520	1,055	262	35	61	56	36
California	30,903	13,528	-11,815	-13,719	-9,857	-21,057	-13,004
Colorado	2,243	3,090	141	-4,830	-5,066	-4,335	-5,276
Illinois	47,074	7,677	-27,980	-41,424	-36,393	-33,084	-35,244
Indiana	2,662	1,389	-1,255	-4,057	-4,412	-4,346	-2,094
Iowa	17,647	6,652	-7,471	-12,351	-10,142	-10,550	-7,776
Kansas	9,754	10,116	-1,815	-14,148	-8,480	-5,301	-11,578
Kentucky	11,351	6,228	-1,042	-6,440	-4,866	-7,627	-7,919
Louisiana	37,815	11,601	-13,548	-30,732	-23,797	-24,018	-30,354
Maryland	3,633	78	-2,521	-2,502	-1,646	-1,074	-1,119
Michigan	88,975	50,196	-33,332	-65,972	-80,825	-83,481	-83,810
Minnesota	310	75	-87	-248	-134	-426	-358
Mississippi	7,072	1,492	162	-5,437	-3,295	-5,330	-4,628
Missouri	-149	122	-215	-206	-317	-102	-451
Montana	3,207	4,106	88	-453	-302	-1,169	685
Nebraska	2,339	1,763	66	-1,442	-1,740	-2,407	-4,020
New Mexico	-164	2,650	-1,795	-602	2,300	-285	-1,235
New York	9,939	3,382	-2,085	-7,373	-8,284	-10,108	-10,768
Ohio	39,653	11,570	-7,245	-26,300	-27,642	-29,821	-32,498
Oklahoma	18,294	17,378	-7,313	-14,976	-10,830	-15,116	-19,631
Oregon	1,103	731	-487	-575	-1,036	-1,175	-1,291
Pennsylvania	51,602	6,445	-15,361	-51,998	-43,202	-50,022	-56,391
Texas	16,958	13,647	-6,934	-18,214	-12,286	-9,450	-8,069
Utah	4,630	5,578	-5,080	-4,963	-5,012	-5,028	-6,453
Washington	-1,639	3,528	1,639	-1,881	-597	-2,036	-825
West Virginia	29,010	10,806	-7,369	-20,560	-18,915	-20,466	-27,877
Wyoming	2,856	1,829	-1,035	-1,334	-1,866	-2,413	-2,416
Total	438,597	196,712	-153,428	-352,704	-318,579	-350,169	-374,365

^R = Revised Data.

Notes: This table contains total net withdrawals for each State with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. Data for 1993 are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year.

Source: Form EIA-191.

**Table 17. Activities of Underground Natural Gas Storage Operators, by State,
June 1995**
(Volumes in Million Cubic Feet)

State	Total Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
		Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Arkansas	38,347	14,280	3,573	17,854	1599	80.9	1,384	71
California	472,909	247,419	167,231	414,650	23794	16.6	28,278	2,270
Colorado	114,529	50,998	19,941	70,939	1440	7.8	6,236	139
Illinois	905,260	653,428	121,374	774,803	-30038	-19.8	29,656	796
Indiana	113,121	73,929	21,026	94,955	1383	7.0	1,830	37
Iowa	270,200	200,700	18,717	219,417	-4768	-20.3	8,122	0
Kansas	289,448	192,555	60,146	252,701	5088	9.2	13,930	1,121
Kentucky	208,751	105,433	80,553	185,986	8786	12.2	7,751	123
Louisiana	549,437	266,702	154,046	420,748	-1233	-0.8	33,123	5,642
Maryland	62,000	46,677	10,403	57,080	2195	26.7	2,031	0
Michigan	1,047,314	419,000	364,688	783,688	13376	3.8	65,935	359
Minnesota	7,000	4,623	1,584	6,207	-58	-3.5	262	0
Mississippi	124,115	75,551	36,337	111,888	5526	17.9	4,328	2,691
Missouri	30,564	21,600	8,221	29,821	772	10.4	0	9
Montana	375,010	167,491	71,990	239,481	-1256	-1.7	2,396	413
Nebraska	93,312	78,757	5,449	84,206	567	11.6	920	54
New Mexico	94,600	29,766	10,575	40,341	5859	124.2	1,709	604
New York	173,463	102,885	47,030	149,915	-744	-1.6	11,377	83
Ohio	620,544	355,718	89,604	445,322	9345	11.6	31,849	323
Oklahoma	364,593	224,523	96,319	320,842	9688	11.2	13,650	1,003
Oregon	11,623	4,896	6,069	10,965	2713	80.8	1,034	0
Pennsylvania	654,570	356,909	220,714	577,623	-1586	-0.7	65,992	13,402
Texas	635,635	244,435	236,767	481,203	55084	30.3	24,166	6,693
Utah	122,499	61,805	28,232	90,037	8189	40.9	6,109	155
Washington	33,900	18,800	12,622	31,422	1386	12.3	2,020	469
West Virginia	466,090	310,337	96,991	407,328	-896	-0.9	24,826	484
Wyoming	105,669	60,782	20,563	81,345	-1884	-8.4	1,540	4
Total	7,984,504	4,390,000	2,010,766	6,400,767	114325	6.0	390,458	36,945

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

Source: Form EIA-191.

Table 18. Natural Gas Deliveries to Residential Consumers, by State, 1993-1995
(Million Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995		
				May	April	March
Alabama	31,273	35,001	33,531	2,224	3,721	7,648
Alaska	8,399	8,036	7,867	943	1,573	1,912
Arizona	17,157	13,828	17,177	1,819	2,414	2,838
Arkansas	25,670	27,905	29,226	1,929	3,048	5,833
California	267,600	264,504	269,837	38,507	43,749	52,752
Colorado	62,537	62,168	65,959	9,134	9,870	12,850
Connecticut	24,926	28,692	26,372	2,384	4,126	5,789
Delaware	5,524	6,306	5,645	492	848	1,391
District of Columbia	9,739	11,242	10,923	813	1,300	2,241
Florida	8,094	8,714	8,393	828	1,101	1,571
Georgia	60,232	62,449	65,413	4,005	6,089	10,660
Hawaii	256	256	247	49	49	52
Idaho	7,825	6,832	7,664	915	1,273	1,503
Illinois	282,581	298,439	289,003	20,345	42,652	55,159
Indiana	95,212	104,359	98,784	7,322	12,975	19,405
Iowa	47,850	51,594	50,741	4,188	7,180	9,653
Kansas	44,676	47,001	56,049	3,907	5,720	9,630
Kentucky	36,828	40,053	38,382	2,413	3,670	7,441
Louisiana	31,174	35,018	33,431	2,426	3,719	6,620
Maine	510	541	521	48	81	112
Maryland	44,818	50,379	47,324	3,662	6,095	9,480
Massachusetts	65,133	79,981	76,533	6,163	10,925	14,984
Michigan	221,675	243,891	225,087	21,110	35,465	48,691
Minnesota	73,901	82,058	73,609	6,018	11,365	15,554
Mississippi	17,070	18,287	17,684	1,152	2,402	3,715
Missouri	77,884	94,112	86,695	6,828	9,399	16,037
Montana	10,943	10,452	11,468	1,261	1,792	2,435
Nebraska	27,803	29,532	30,271	2,891	4,174	5,728
Nevada	12,942	12,057	12,354	1,568	2,156	2,189
New Hampshire	4,018	4,461	4,208	376	688	917
New Jersey	120,296	137,357	121,915	9,610	17,813	26,451
New Mexico	15,682	16,071	16,498	1,697	2,235	2,642
New York	232,822	257,168	239,614	23,498	38,479	52,895
North Carolina	31,418	32,619	31,550	1,899	3,676	6,977
North Dakota	6,908	7,123	6,693	703	1,185	1,512
Ohio	209,908	228,087	213,575	16,715	30,764	43,780
Oklahoma	43,489	47,469	51,081	3,989	5,241	10,099
Oregon	17,143	16,225	18,503	2,049	2,784	3,534
Pennsylvania	155,896	179,881	165,333	13,188	23,690	34,173
Rhode Island	NA	12,099	13,025	NA	1,776	2,550
South Carolina	16,040	16,219	16,356	744	1,679	3,595
South Dakota	7,510	7,741	7,512	781	1,255	1,622
Tennessee	NA	39,738	37,705	NA	3,903	8,026
Texas	119,449	130,765	131,970	11,460	15,175	26,168
Utah	26,485	24,512	30,982	2,965	4,336	5,407
Vermont	1,459	1,703	1,700	136	266	333
Virginia	41,201	43,134	41,281	3,365	4,869	8,899
Washington	31,094	29,571	31,468	3,090	5,069	6,874
West Virginia	21,632	25,121	22,114	1,755	3,146	4,537
Wisconsin	80,057	82,991	77,903	6,049	12,699	16,461
Wyoming	NA	6,866	7,565	NA	1,257	1,522
Total	2,858,987	3,080,610	2,984,741	264,051	420,917	602,845

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Residential Consumers, by State, 1993-1995
(Million Cubic Feet) — Continued

State	1995		1994			
	February	January	Total	December	November	October
Alabama	9,275	8,406	49,679	5,033	2,601	1,495
Alaska	1,923	2,048	14,895	2,195	1,497	1,042
Arizona	4,567	5,519	25,425	4,860	2,020	1,051
Arkansas	7,073	7,788	41,517	5,142	2,723	1,423
California	50,611	81,982	520,814	76,824	56,453	25,954
Colorado	14,444	16,239	98,971	13,860	7,978	4,044
Connecticut	6,526	6,101	41,908	4,593	2,524	1,690
Delaware	1,459	1,333	8,744	888	469	265
District of Columbia	2,880	2,505	16,365	1,801	957	564
Florida	2,405	2,190	14,641	1,323	877	752
Georgia	18,987	20,491	105,561	15,891	9,463	5,396
Hawaii	52	53	578	50	47	43
Idaho	1,760	2,375	12,244	2,233	1,451	582
Illinois	74,952	89,473	474,297	65,112	42,490	24,153
Indiana	27,129	28,382	157,015	20,000	12,156	7,231
Iowa	12,234	14,595	79,818	11,722	6,826	2,918
Kansas	11,156	14,263	74,877	10,753	6,377	3,680
Kentucky	10,900	12,404	62,028	9,101	5,167	2,797
Louisiana	8,834	9,574	54,026	6,066	3,045	2,187
Maine	139	130	894	117	78	51
Maryland	13,226	12,354	77,400	9,401	5,475	3,387
Massachusetts	17,311	15,751	121,608	13,593	8,235	5,466
Michigan	58,925	57,484	366,712	44,974	27,503	16,820
Minnesota	19,857	21,106	127,769	18,111	10,852	5,676
Mississippi	4,886	4,915	27,249	3,117	1,551	926
Missouri	22,259	23,361	133,639	16,057	8,002	3,724
Montana	2,392	3,064	18,765	2,994	2,120	1,187
Nebraska	6,972	8,038	44,501	6,091	3,176	1,527
Nevada	3,102	3,927	21,263	3,855	1,751	829
New Hampshire	1,024	1,013	6,572	762	419	275
New Jersey	34,811	31,610	208,223	25,358	14,090	9,509
New Mexico	3,885	5,223	30,924	5,093	4,031	2,177
New York	61,008	56,942	389,531	43,961	27,374	17,231
North Carolina	9,717	9,148	47,747	6,068	3,678	1,578
North Dakota	1,704	1,803	10,661	1,446	807	385
Ohio	58,727	59,921	345,580	43,745	26,200	16,883
Oklahoma	11,369	12,792	70,740	9,620	4,389	2,211
Oregon	3,658	5,119	28,802	5,112	3,242	1,145
Pennsylvania	44,259	40,586	269,192	32,151	18,974	12,699
Rhode Island	2,811	2,539	17,795	1,922	1,085	754
South Carolina	5,115	4,907	23,469	3,088	1,589	734
South Dakota	1,825	2,027	12,156	1,809	1,107	507
Tennessee	11,869	11,661	57,106	7,454	3,558	1,662
Texas	29,570	37,076	213,608	27,303	15,770	9,248
Utah	6,009	7,769	48,922	8,059	6,969	3,845
Vermont	372	352	2,438	277	134	93
Virginia	12,579	11,489	65,899	8,639	4,685	3,362
Washington	7,035	9,026	53,165	9,137	6,174	2,559
West Virginia	6,488	5,706	36,296	4,337	2,456	1,507
Wisconsin	21,729	23,118	130,418	17,812	11,273	6,293
Wyoming	1,568	2,126	11,706	1,711	1,224	670
Total	753,367	817,806	4,874,152	640,617	393,095	222,187

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Residential Consumers, by State, 1993-1995
(Million Cubic Feet) — Continued

State	1994					
	September	August	July	June	May	April
Alabama	1,325	1,323	1,361	1,541	2,207	4,556
Alaska	567	416	491	651	1,026	1,480
Arizona	849	804	897	1,114	1,441	2,137
Arkansas	1,107	959	1,068	1,190	1,799	3,756
California	21,943	23,614	24,535	26,987	37,213	35,306
Colorado	2,458	2,396	2,566	3,501	6,871	9,807
Connecticut	1,045	928	1,029	1,408	2,178	4,068
Delaware	184	163	182	287	406	898
District of Columbia	416	401	441	544	748	1,446
Florida	753	704	730	788	862	1,218
Georgia	2,921	3,153	3,012	3,276	4,440	5,304
Hawaii	45	42	46	49	48	51
Idaho	272	211	297	366	566	998
Illinois	11,798	10,255	10,286	11,763	20,802	34,560
Indiana	3,715	3,069	2,831	3,654	7,170	12,883
Iowa	1,822	1,544	1,487	1,904	3,792	6,498
Kansas	1,646	1,680	1,791	1,948	3,157	5,866
Kentucky	1,289	1,202	1,168	1,250	2,296	3,571
Louisiana	1,920	1,751	1,962	2,077	2,545	4,138
Maine	30	22	23	32	49	69
Maryland	2,184	1,921	2,051	2,603	3,766	5,960
Massachusetts	3,330	3,135	3,297	4,573	6,596	11,474
Michigan	8,574	7,582	7,399	9,969	20,337	33,564
Minnesota	2,924	2,581	2,589	2,977	5,296	10,861
Mississippi	839	789	850	889	1,095	2,267
Missouri	2,991	2,511	2,891	3,351	5,880	10,996
Montana	537	397	462	615	1,008	1,605
Nebraska	1,040	937	1,016	1,182	2,334	4,029
Nevada	632	587	669	883	1,151	1,474
New Hampshire	170	126	136	222	391	665
New Jersey	5,638	5,068	5,095	6,109	8,685	17,285
New Mexico	874	807	911	959	1,072	2,065
New York	10,226	9,615	10,471	13,485	21,928	36,274
North Carolina	908	811	872	1,213	1,715	3,543
North Dakota	235	183	220	263	582	1,031
Ohio	7,152	6,661	7,201	9,652	18,362	29,132
Oklahoma	1,703	1,566	1,723	2,058	3,719	6,049
Oregon	636	610	749	1,084	1,413	2,391
Pennsylvania	6,197	5,478	5,556	8,256	13,547	22,963
Rhode Island	437	431	449	617	1,124	1,738
South Carolina	444	429	438	528	713	1,525
South Dakota	277	261	182	272	608	1,042
Tennessee	1,142	1,077	1,129	1,345	1,987	4,590
Texas	7,507	7,181	7,509	8,325	10,174	15,305
Utah	1,457	1,306	1,369	1,404	1,577	3,524
Vermont	54	45	48	84	139	261
Virginia	1,444	1,392	1,386	1,857	2,634	4,504
Washington	1,263	1,040	1,461	1,961	2,649	4,521
West Virginia	788	626	539	923	1,836	3,273
Wisconsin	3,235	2,882	2,861	3,072	5,863	11,128
Wyoming	337	260	279	356	660	1,135
Total	131,279	122,931	128,015	155,419	248,457	394,785

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Residential Consumers, by State, 1993-1995
(Million Cubic Feet) — Continued

State	1994			1993		
	March	February	January	Total	December	November
Alabama	6,933	10,650	10,656	51,366	6,727	3,853
Alaska	1,952	1,763	1,815	13,858	1,772	1,261
Arizona	3,652	946	5,652	28,161	4,566	1,847
Arkansas	5,657	7,972	8,721	45,545	6,182	4,024
California	52,465	66,956	72,563	500,968	70,513	39,240
Colorado	13,604	15,509	16,377	106,187	14,527	8,984
Connecticut	6,576	8,018	7,852	42,213	5,101	3,922
Delaware	1,513	1,876	1,614	8,295	974	609
District of Columbia	2,514	3,113	3,422	16,589	2,134	1,115
Florida	1,557	2,193	2,884	14,837	1,708	1,071
Georgia	12,053	16,758	23,895	115,655	20,533	11,585
Hawaii	52	53	53	558	47	46
Idaho	1,427	1,919	1,922	12,557	2,057	1,159
Illinois	57,745	81,162	104,169	495,311	75,134	51,226
Indiana	20,717	28,192	35,398	163,944	24,391	16,628
Iowa	9,610	14,702	16,991	83,288	11,716	8,659
Kansas	8,758	13,421	15,799	84,896	11,571	6,796
Kentucky	8,349	10,475	15,362	66,909	11,510	7,612
Louisiana	6,744	9,602	11,989	56,609	7,896	5,120
Maine	116	135	171	901	129	88
Maryland	10,851	14,177	15,625	76,871	10,778	6,642
Massachusetts	18,208	22,287	21,416	121,228	14,355	10,175
Michigan	50,818	65,806	73,366	369,801	50,690	34,389
Minnesota	15,315	23,128	27,459	123,401	18,169	12,508
Mississippi	3,502	5,223	6,200	28,347	3,832	2,518
Missouri	16,685	32,012	28,539	134,172	18,644	11,929
Montana	2,186	2,923	2,730	20,360	2,961	2,236
Nebraska	6,112	8,582	8,475	48,256	6,820	4,336
Nevada	2,505	3,331	3,597	20,683	3,261	1,492
New Hampshire	925	1,186	1,294	6,493	790	528
New Jersey	30,414	38,946	42,027	195,569	26,505	17,162
New Mexico	3,332	4,770	4,833	31,843	5,803	4,358
New York	57,980	69,546	71,440	384,216	49,569	33,567
North Carolina	6,665	9,546	11,151	47,104	6,733	3,918
North Dakota	1,448	2,019	2,042	10,717	1,457	964
Ohio	47,324	59,842	73,428	354,110	51,423	34,956
Oklahoma	10,102	13,747	13,851	78,360	10,675	6,783
Oregon	3,354	4,366	4,700	29,777	4,896	2,336
Pennsylvania	40,036	48,102	55,232	268,996	37,429	24,357
Rhode Island	2,757	3,346	3,133	19,722	2,023	1,510
South Carolina	3,022	4,965	5,993	24,345	3,652	2,030
South Dakota	1,571	2,267	2,252	12,431	1,768	1,261
Tennessee	7,727	11,653	13,782	58,919	9,003	5,774
Texas	25,545	37,096	42,645	231,799	33,110	24,155
Utah	4,831	7,329	7,251	51,779	7,619	4,676
Vermont	369	456	478	2,530	285	189
Virginia	9,343	12,160	14,493	65,472	10,007	5,569
Washington	6,673	7,819	7,909	53,258	8,309	4,650
West Virginia	5,123	6,327	8,563	35,208	5,072	3,347
Wisconsin	16,923	22,827	26,249	130,134	18,564	13,043
Wyoming	1,388	1,812	1,872	12,661	1,731	1,181
Total	635,026	843,013	959,329	4,957,208	705,118	457,381

^R = Revised Data.

NA = Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857.

Table 19. Natural Gas Deliveries to Commercial Consumers, by State, 1993-1995
(Million Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995		
				May	April	March
Alabama	14,351	15,188	14,908	1,458	1,944	3,352
Alaska	11,988	10,384	10,313	1,603	2,362	2,896
Arizona	14,463	12,222	13,713	2,296	2,597	2,738
Arkansas	15,793	17,026	17,392	1,363	2,073	3,565
California	126,614	121,716	116,567	24,950	24,073	20,642
Colorado	38,998	39,431	42,142	5,829	6,475	7,834
Connecticut	21,465	22,761	18,743	2,627	3,788	4,966
Delaware	3,411	3,688	3,273	334	516	836
District of Columbia	9,725	8,475	9,656	1,159	1,609	2,090
Florida	18,862	18,864	19,462	3,038	3,398	3,869
Georgia	28,785	29,601	31,248	2,907	3,723	5,824
Hawaii	933	926	899	185	183	185
Idaho	6,554	5,324	6,167	708	952	1,818
Illinois	113,414	118,191	115,880	9,317	15,766	23,402
Indiana	46,624	49,809	45,493	4,049	6,538	9,530
Iowa	30,525	29,644	29,563	3,238	4,226	5,680
Kansas	27,953	27,366	30,950	3,269	4,121	5,317
Kentucky	20,926	22,798	21,213	1,683	2,098	4,465
Louisiana	12,625	13,762	13,665	1,579	1,842	2,752
Maine	1,350	1,433	1,311	128	211	288
Maryland	25,139	25,738	24,967	2,386	3,732	4,465
Massachusetts	49,521	43,646	37,387	8,956	9,518	10,168
Michigan	109,047	118,335	108,425	10,999	18,211	23,701
Minnesota	50,671	51,550	49,809	4,309	7,766	10,589
Mississippi	NA	11,709	10,669	1,146	NA	2,373
Missouri	38,793	47,810	43,195	3,580	4,982	8,168
Montana	7,393	7,059	7,733	866	1,236	1,641
Nebraska	19,690	19,453	18,940	2,383	2,997	4,155
Nevada	9,913	9,346	9,063	1,559	1,786	1,868
New Hampshire	3,843	4,148	3,782	369	632	864
New Jersey	78,138	83,381	75,903	8,369	12,453	17,705
New Mexico	12,903	13,220	13,260	1,828	2,150	2,414
New York	NA	128,490	119,466	NA	20,369	27,896
North Carolina	21,361	21,984	22,450	1,803	3,144	4,322
North Dakota	6,723	6,632	6,134	670	1,139	1,462
Ohio	101,518	108,132	98,873	8,073	14,015	21,793
Oklahoma	22,406	24,027	24,999	2,294	2,897	5,060
Oregon	12,423	12,072	13,778	1,578	2,063	2,552
Pennsylvania	77,797	85,076	78,217	7,429	11,948	16,767
Rhode Island	NA	7,478	5,161	NA	1,310	1,823
South Carolina	9,921	9,742	9,137	1,050	1,434	2,117
South Dakota	6,138	6,100	6,216	647	1,053	1,320
Tennessee	NA	30,710	29,396	NA	3,936	6,244
Texas	82,274	94,490	82,758	14,429	15,522	16,702
Utah	14,659	13,516	13,700	1,680	2,435	2,956
Vermont	1,562	1,658	1,388	140	277	352
Virginia	30,442	29,218	30,272	3,348	4,549	6,492
Washington	23,696	22,147	24,499	2,883	3,950	5,055
West Virginia	13,251	15,615	13,477	1,364	1,884	2,702
Wisconsin	48,104	48,332	45,214	4,427	7,305	10,026
Wyoming	NA	5,295	5,796	NA	984	1,215
Total	1,619,300	1,674,717	1,596,620	189,677	255,836	337,015

See footnotes at end of table.

Table 19. Natural Gas Deliveries to Commercial Consumers, by State, 1993-1995
(Million Cubic Feet) — Continued

State	1995		1994			
	February	January	Total	December	November	October
Alabama	3,937	3,660	25,467	2,443	1,678	1,358
Alaska	2,727	2,400	20,698	2,702	1,937	1,508
Arizona	3,187	3,645	26,788	3,506	2,306	1,727
Arkansas	4,288	4,504	27,653	3,153	1,910	1,285
California	25,721	31,228	263,734	25,610	25,192	17,978
Colorado	9,225	9,636	65,711	8,526	5,028	3,176
Connecticut	5,239	4,845	39,043	4,152	2,923	2,130
Delaware	915	811	5,521	560	348	223
District of Columbia	2,585	2,282	15,165	1,701	1,108	803
Florida	4,322	4,236	39,846	3,506	3,087	2,812
Georgia	8,224	8,108	53,589	6,213	4,335	3,303
Hawaii	180	200	2,200	185	189	177
Idaho	1,320	1,755	10,091	1,653	1,095	570
Illinois	30,561	34,368	197,724	24,933	18,209	11,474
Indiana	13,077	13,431	82,897	9,812	10,055	4,152
Iowa	7,098	10,284	48,874	6,619	4,653	2,393
Kansas	7,132	8,114	53,301	6,894	3,655	2,394
Kentucky	6,213	6,466	36,903	4,746	2,964	1,939
Louisiana	3,216	3,237	24,272	2,294	1,630	1,346
Maine	373	350	2,381	309	207	135
Maryland	7,819	6,737	44,518	5,500	3,615	2,554
Massachusetts	10,890	9,990	85,045	7,893	6,986	6,157
Michigan	28,543	27,593	187,898	22,179	14,902	9,058
Minnesota	13,176	14,832	86,080	12,174	8,056	4,699
Mississippi	2,939	3,082	20,504	2,141	1,389	1,127
Missouri	10,780	11,283	71,864	8,293	4,468	2,532
Montana	1,580	2,070	13,002	2,042	1,450	862
Nebraska	4,826	5,329	39,038	4,401	2,909	2,255
Nevada	2,144	2,556	18,587	2,578	1,532	1,138
New Hampshire	999	979	6,412	743	442	305
New Jersey	20,433	19,178	135,994	15,291	9,248	7,592
New Mexico	2,483	4,029	27,772	3,558	3,058	2,143
New York	29,859	28,869	224,999	24,269	16,839	12,438
North Carolina	6,144	5,948	37,036	4,248	2,633	1,996
North Dakota	1,654	1,798	10,785	1,190	1,242	530
Ohio	29,568	28,069	166,920	20,909	12,607	7,338
Oklahoma	5,887	6,267	38,637	4,727	2,367	1,610
Oregon	2,686	3,544	22,881	3,546	2,394	1,210
Pennsylvania	21,119	20,534	138,059	15,743	10,992	8,197
Rhode Island	1,835	1,610	12,400	1,375	1,039	586
South Carolina	2,671	2,648	18,480	1,897	1,411	1,130
South Dakota	1,494	1,624	10,289	1,469	947	532
Tennessee	8,608	8,528	51,298	5,896	3,545	2,612
Texas	16,815	18,807	189,665	15,980	14,455	12,425
Utah	3,333	4,255	26,615	4,308	3,562	1,894
Vermont	406	388	2,616	328	183	141
Virginia	8,079	7,974	51,840	6,306	4,536	2,821
Washington	5,324	6,485	43,343	6,529	4,522	2,627
West Virginia	3,770	3,531	26,971	2,842	1,924	1,666
Wisconsin	12,991	13,355	81,864	12,870	7,426	3,981
Wyoming	1,253	1,674	9,285	1,282	922	553
Total	409,645	427,127	2,942,555	342,028	244,113	165,593

See footnotes at end of table.

Table 19. Natural Gas Deliveries to Commercial Consumers, by State, 1993-1995
(Million Cubic Feet) — Continued

State	1994					
	September	August	July	June	May	April
Alabama	1,330	1,165	1,108	1,198	1,453	2,122
Alaska	1,105	919	981	1,161	1,489	1,868
Arizona	1,631	1,701	1,796	1,899	2,069	2,379
Arkansas	1,261	896	999	1,122	1,379	2,327
California	14,732	14,177	26,028	18,301	22,813	18,646
Colorado	2,244	2,225	2,296	2,783	4,634	6,378
Connecticut	1,525	1,773	1,830	1,950	2,355	3,390
Delaware	174	158	159	211	262	516
District of Columbia	757	711	771	839	1,009	1,637
Florida	2,890	2,904	2,851	2,932	3,077	3,369
Georgia	2,478	2,693	2,487	2,479	3,311	3,462
Hawaii	184	178	177	184	181	185
Idaho	395	305	373	376	478	769
Illinois	6,589	6,278	5,851	6,198	7,746	14,490
Indiana	2,454	2,307	2,006	2,302	3,520	6,222
Iowa	1,531	1,322	1,189	1,524	2,302	3,799
Kansas	2,439	3,890	3,661	3,002	2,923	3,906
Kentucky	1,193	1,026	1,125	1,113	1,455	2,358
Louisiana	1,277	1,280	1,335	1,349	1,498	2,029
Maine	84	71	63	79	128	181
Maryland	2,035	1,602	1,748	1,725	2,571	2,871
Massachusetts	5,088	5,507	4,960	4,808	5,216	5,901
Michigan	5,910	5,557	5,543	6,414	10,408	16,752
Minnesota	2,686	2,357	2,124	2,434	3,550	7,106
Mississippi	1,061	1,036	1,045	995	1,051	1,542
Missouri	2,275	2,037	2,046	2,403	3,185	5,574
Montana	424	349	363	453	701	1,102
Nebraska	1,804	3,540	2,467	2,210	1,873	2,696
Nevada	972	903	989	1,130	1,294	1,450
New Hampshire	206	166	173	229	347	581
New Jersey	5,512	4,961	4,748	5,260	6,536	12,546
New Mexico	1,363	1,755	1,338	1,338	1,518	2,038
New York	10,031	10,513	11,182	11,237	13,677	21,277
North Carolina	1,727	1,548	1,394	1,505	1,724	2,575
North Dakota	315	288	284	302	527	933
Ohio	4,496	4,291	4,030	5,116	7,941	14,513
Oklahoma	1,518	1,386	1,502	1,499	1,995	3,130
Oregon	922	799	863	1,075	1,230	1,831
Pennsylvania	4,765	4,356	4,075	4,853	7,076	11,668
Rhode Island	395	616	353	558	673	1,124
South Carolina	983	985	946	1,387	1,062	1,235
South Dakota	330	323	239	348	525	848
Tennessee	2,029	2,284	2,086	2,137	2,676	3,996
Texas	9,860	14,516	13,224	14,715	13,674	15,375
Utah	887	791	825	833	967	2,049
Vermont	86	68	63	88	147	263
Virginia	2,225	2,225	2,070	2,440	2,880	4,382
Washington	1,744	1,618	1,939	2,216	2,593	3,492
West Virginia	1,382	1,201	1,179	1,162	1,832	2,004
Wisconsin	2,449	2,176	1,868	2,762	3,818	6,756
Wyoming	307	268	290	366	547	879
Total	122,060	126,002	133,045	134,998	167,890	238,522

See footnotes at end of table.

Table 19. Natural Gas Deliveries to Commercial Consumers, by State, 1993-1995
(Million Cubic Feet) — Continued

State	1994			1993		
	March	February	January	Total	December	November
Alabama	3,081	4,306	4,227	25,727	3,037	2,073
Alaska	2,504	2,156	2,367	20,003	2,301	1,785
Arizona	3,044	1,023	3,706	27,612	3,377	2,103
Arkansas	3,426	4,743	5,152	28,998	3,473	2,480
California	23,338	27,352	29,567	250,537	28,328	20,425
Colorado	8,401	9,756	10,263	71,665	9,380	6,081
Connecticut	5,275	5,853	5,888	31,428	3,525	2,896
Delaware	866	1,088	956	5,195	666	412
District of Columbia	1,530	1,923	2,376	16,229	1,909	1,040
Florida	3,851	3,946	4,621	41,387	3,754	3,355
Georgia	5,798	7,626	9,404	57,529	7,716	5,214
Hawaii	189	176	195	2,123	172	183
Idaho	1,118	1,453	1,505	10,675	1,543	947
Illinois	24,010	32,504	39,440	203,169	28,077	22,148
Indiana	10,241	13,810	16,015	78,101	11,401	8,387
Iowa	5,610	8,406	9,527	50,300	6,631	5,690
Kansas	5,119	7,018	8,400	56,024	6,565	4,413
Kentucky	4,753	6,027	8,205	37,819	5,432	3,997
Louisiana	2,743	3,574	3,918	25,164	2,764	2,092
Maine	302	364	458	2,311	316	224
Maryland	5,686	6,413	8,197	43,654	5,898	3,899
Massachusetts	11,423	10,940	10,166	65,430	7,097	5,622
Michigan	24,851	32,107	34,216	180,240	23,825	16,875
Minnesota	10,292	13,936	16,666	86,630	12,204	9,104
Mississippi	2,273	3,178	3,665	19,199	2,298	1,710
Missouri	8,511	16,737	13,804	69,670	9,124	5,974
Montana	1,468	1,940	1,848	13,884	1,996	1,508
Nebraska	4,041	5,414	5,430	34,728	4,260	3,494
Nevada	1,991	2,275	2,337	17,571	2,193	1,423
New Hampshire	863	1,097	1,261	6,142	770	522
New Jersey	19,171	22,594	22,534	128,942	15,142	11,240
New Mexico	2,795	3,383	3,485	27,914	4,021	3,199
New York	29,499	32,892	31,144	220,749	26,911	18,206
North Carolina	4,659	6,063	6,963	37,371	3,291	3,379
North Dakota	1,340	1,814	2,019	10,651	1,471	1,069
Ohio	22,737	29,332	33,609	164,088	23,034	14,983
Oklahoma	4,953	6,928	7,021	40,874	5,234	3,433
Oregon	2,474	3,158	3,379	24,054	3,551	1,919
Pennsylvania	19,713	21,558	25,060	131,779	17,829	12,189
Rhode Island	1,674	2,032	1,975	9,206	1,323	1,009
South Carolina	1,968	2,547	2,931	17,093	2,070	1,463
South Dakota	1,287	1,698	1,741	10,703	1,423	1,084
Tennessee	6,014	8,193	9,832	50,758	6,466	4,648
Texas	18,845	22,969	23,627	176,061	18,540	14,829
Utah	2,680	3,869	3,951	22,621	3,408	2,026
Vermont	335	446	467	2,382	324	235
Virginia	6,444	7,061	8,451	52,881	6,876	4,356
Washington	4,895	5,496	5,671	43,720	5,931	3,648
West Virginia	3,188	3,626	4,965	24,384	3,286	2,404
Wisconsin	10,096	12,906	14,756	77,108	10,938	7,979
Wyoming	1,076	1,422	1,371	10,279	1,397	875
Total	352,442	437,130	478,733	2,862,760	362,494	260,252

^R = Revised Data.

NA = Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Deliveries for total year 1993 may not equal the sum of the twelve months. Gas volumes delivered for use as vehicle fuel are included in the annual total but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857.

Table 20. Natural Gas Deliveries to Industrial Consumers, by State, 1993-1995
(Million Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995		
				May	April	March
Alabama	81,883	71,857	78,850	16,135	15,736	17,173
Alaska	29,006	24,269	32,457	5,344	5,706	6,444
Arizona	11,338	9,671	8,812	2,222	2,290	2,615
Arkansas	58,650	57,012	51,563	11,319	10,832	12,135
California	282,856	266,264	258,547	59,714	60,911	52,817
Colorado	39,097	36,062	30,189	7,507	7,888	7,707
Connecticut	14,109	13,102	16,918	2,493	2,631	3,340
Delaware	8,217	5,933	8,440	2,086	1,805	1,566
District of Columbia	0	0	0	0	0	0
Florida	54,793	47,049	40,874	10,563	10,500	11,418
Georgia	78,771	68,273	68,939	16,275	17,840	15,904
Hawaii	0	0	0	0	0	0
Idaho	14,306	12,326	12,833	2,807	2,844	2,378
Illinois	143,966	149,455	143,895	23,719	25,511	28,626
Indiana	129,500	117,751	117,131	21,040	23,122	26,090
Iowa	46,546	44,747	43,113	8,435	9,643	10,122
Kansas	79,205	69,659	59,901	15,410	15,294	15,954
Kentucky	43,180	37,476	33,582	7,283	7,780	8,971
Louisiana	440,313	389,675	395,616	87,166	91,270	85,321
Maine	776	703	699	171	182	150
Maryland	21,335	18,361	20,539	4,619	4,370	5,418
Massachusetts	46,941	36,466	31,245	8,608	9,663	9,922
Michigan	149,377	146,898	142,134	25,924	30,109	31,262
Minnesota	46,054	43,358	43,192	7,555	8,366	8,693
Mississippi	36,284	47,404	42,442	7,081	6,622	7,563
Missouri	36,801	31,075	28,139	4,781	6,310	7,640
Montana	7,349	5,666	5,235	1,448	1,468	1,641
Nebraska	16,831	14,581	15,012	3,213	3,282	3,472
Nevada	11,599	11,368	9,286	2,569	2,138	2,162
New Hampshire	1,812	1,773	1,632	408	368	441
New Jersey	90,683	80,191	83,334	16,326	18,433	18,234
New Mexico	10,521	7,624	6,497	1,937	1,795	1,752
New York	120,271	81,420	73,136	20,089	23,100	25,952
North Carolina	44,863	39,079	40,521	8,827	8,689	9,661
North Dakota	2,991	2,728	2,734	530	560	648
Ohio	151,647	139,575	137,867	24,768	27,784	31,678
Oklahoma	84,064	89,419	75,251	15,647	14,855	17,136
Oregon	28,698	25,838	25,718	5,617	5,543	5,875
Pennsylvania	110,355	100,390	110,428	18,758	21,158	22,875
Rhode Island	NA	16,794	18,906	NA	3,054	2,753
South Carolina	41,536	38,732	39,766	8,911	8,688	10,027
South Dakota	2,891	2,319	2,178	566	581	536
Tennessee	NA	50,846	54,914	NA	12,842	10,957
Texas	773,801	751,537	756,690	174,415	160,576	151,913
Utah	19,843	15,368	19,231	3,456	3,507	3,453
Vermont	959	893	925	177	199	192
Virginia	35,747	29,023	32,255	7,961	7,137	6,395
Washington	NA	42,431	40,060	NA	9,430	9,784
West Virginia	21,974	21,209	22,246	4,209	4,114	4,646
Wisconsin	71,269	69,081	64,529	10,758	13,232	14,703
Wyoming	NA	19,538	24,000	NA	3,861	3,349
Total	3,676,966	3,402,272	3,372,401	711,122	733,619	739,462

See footnotes at end of table.

Table 20. Natural Gas Deliveries to Industrial Consumers, by State, 1993-1995
(Million Cubic Feet) — Continued

State	1995		1994			
	February	January	Total	December	November	October
Alabama	16,033	16,805	176,830	16,384	15,177	15,151
Alaska	4,957	6,555	63,904	6,330	5,910	6,239
Arizona	2,120	2,091	25,390	2,130	2,226	2,201
Arkansas	11,542	12,821	134,643	11,852	11,260	11,240
California	51,972	57,442	662,244	52,415	57,189	53,082
Colorado	7,980	8,015	79,453	8,601	6,948	6,150
Connecticut	2,961	2,685	31,050	2,781	2,784	2,638
Delaware	1,309	1,452	17,146	1,646	1,736	1,845
District of Columbia	0	0	0	0	0	0
Florida	10,574	11,739	121,119	11,841	10,712	10,593
Georgia	13,036	15,716	174,134	15,747	15,201	16,237
Hawaii	0	0	0	0	0	0
Idaho ^a	2,938	3,339	30,402	3,060	3,479	2,625
Illinois	32,670	33,440	317,663	36,148	25,813	23,836
Indiana	25,897	33,351	264,747	25,012	23,744	22,305
Iowa	9,621	8,725	108,254	9,572	9,648	10,360
Kansas	13,132	19,415	177,064	16,162	20,599	16,411
Kentucky	9,512	9,634	85,162	8,239	7,829	7,439
Louisiana	83,463	93,094	976,956	87,148	81,676	86,621
Maine	137	136	1,771	155	187	169
Maryland	3,542	3,387	47,836	4,489	4,172	4,459
Massachusetts	9,294	9,455	91,789	8,262	8,467	7,907
Michigan	30,640	31,442	324,353	29,236	28,329	26,346
Minnesota	9,732	11,708	102,631	10,655	8,598	9,689
Mississippi	7,131	7,886	97,655	7,720	6,870	6,881
Missouri	8,817	9,252	71,481	8,611	7,656	6,218
Montana	1,268	1,524	13,948	1,550	1,340	1,356
Nebraska	3,229	3,635	33,727	3,403	3,008	2,384
Nevada	2,155	2,576	29,327	2,706	2,567	2,559
New Hampshire	281	314	4,544	355	474	456
New Jersey	18,601	19,089	195,616	17,858	14,767	16,446
New Mexico	1,583	3,454	18,762	1,560	1,781	1,848
New York	25,858	25,272	184,906	18,966	16,767	15,318
North Carolina	8,359	9,326	100,262	8,913	9,306	9,588
North Dakota	625	628	5,947	657	508	478
Ohio	34,062	33,355	306,543	30,390	27,339	25,049
Oklahoma	15,263	21,164	202,943	17,668	16,570	16,919
Oregon	5,550	6,113	62,534	5,637	5,854	5,570
Pennsylvania	23,032	24,532	234,302	22,553	20,505	20,104
Rhode Island	2,613	2,968	40,591	3,454	3,659	3,369
South Carolina	6,942	6,968	101,318	9,360	9,636	10,417
South Dakota	620	587	5,508	614	641	493
Tennessee	10,828	11,488	113,039	10,769	10,150	8,870
Texas	138,944	147,954	1,742,931	138,916	137,586	134,278
Utah	3,966	5,460	36,678	4,555	3,360	3,228
Vermont	181	210	2,123	211	180	184
Virginia	6,315	7,939	83,948	7,497	6,371	7,119
Washington	9,279	10,644	107,547	10,796	9,824	9,418
West Virginia	4,358	4,646	47,279	4,350	3,957	3,694
Wisconsin	15,794	16,783	143,178	11,747	13,018	11,433
Wyoming	3,669	4,168	46,168	4,387	3,972	5,575
Total	712,382	780,382	8,047,346	723,068	689,351	672,798

See footnotes at end of table.

Table 20. Natural Gas Deliveries to Industrial Consumers, by State, 1993-1995
(Million Cubic Feet) — Continued

State	1994					
	September	August	July	June	May	April
Alabama	14,853	14,910	14,352	14,145	13,822	14,313
Alaska	5,314	5,827	5,555	4,459	4,390	4,507
Arizona	2,050	2,422	2,414	2,277	2,329	1,956
Arkansas	11,116	10,813	10,690	10,659	10,038	10,468
California	55,925	58,068	60,003	59,297	49,015	57,051
Colorado	5,002	6,123	5,751	4,814	5,564	6,658
Connecticut	2,467	2,781	2,210	2,286	2,227	2,462
Delaware	1,548	1,436	1,390	1,611	1,365	985
District of Columbia	0	0	0	0	0	0
Florida	10,285	10,511	10,251	9,877	8,714	9,332
Georgia	14,962	15,093	14,083	14,538	14,703	14,137
Hawaii	0	0	0	0	0	0
Idaho ^a	2,190	2,277	2,297	2,148	2,352	2,365
Illinois	20,932	20,764	19,285	21,429	22,668	24,893
Indiana	20,024	18,385	18,190	19,335	19,439	20,981
Iowa	8,947	8,506	8,002	8,473	8,505	8,907
Kansas	12,665	13,054	12,705	15,810	11,236	12,738
Kentucky	6,353	6,257	5,755	5,815	6,538	6,786
Louisiana	84,441	84,896	81,493	81,007	74,577	73,420
Maine	148	149	121	139	166	121
Maryland	3,970	4,344	4,097	3,944	3,735	4,390
Massachusetts	7,707	7,578	7,537	7,866	6,710	6,648
Michigan	24,153	23,174	22,972	23,243	25,035	26,907
Minnesota	7,460	8,258	7,164	7,449	7,984	8,749
Mississippi	6,437	6,455	6,371	9,517	10,910	8,422
Missouri	5,462	4,221	4,102	4,136	4,597	4,802
Montana	1,062	1,043	902	1,029	1,054	1,072
Nebraska	2,571	2,537	2,636	2,607	2,415	3,013
Nevada	2,529	2,604	2,568	2,427	2,616	2,065
New Hampshire	383	407	334	364	369	336
New Jersey	16,330	16,071	15,936	18,017	16,244	15,855
New Mexico	1,610	1,553	1,477	1,309	1,559	1,483
New York	13,132	13,769	11,339	14,194	14,009	15,511
North Carolina	8,571	8,729	7,557	8,519	8,362	8,207
North Dakota	469	371	339	396	478	477
Ohio	22,333	21,927	19,223	20,706	22,707	23,917
Oklahoma	15,040	16,505	15,758	15,064	16,270	15,320
Oregon	4,939	4,999	4,733	4,963	5,095	5,278
Pennsylvania	17,887	18,496	17,015	17,353	17,275	19,205
Rhode Island	2,496	3,714	3,592	3,513	3,494	3,138
South Carolina	8,625	8,569	7,546	8,433	8,095	8,497
South Dakota	387	370	309	374	386	376
Tennessee	6,461	9,480	8,294	8,168	9,720	9,809
Texas	172,017	132,171	134,528	141,898	148,311	145,998
Utah	2,661	2,558	2,454	2,495	2,626	2,564
Vermont	201	158	143	153	156	166
Virginia	7,844	7,437	8,421	10,237	5,787	4,995
Washington	8,739	9,185	8,598	8,556	7,009	9,267
West Virginia	3,494	3,635	3,547	3,393	3,922	3,775
Wisconsin	9,993	9,849	8,947	9,110	10,311	11,751
Wyoming	3,622	2,533	3,194	3,348	3,525	4,028
Total	667,808	634,966	616,183	640,901	628,411	648,101

See footnotes at end of table.

Table 20. Natural Gas Deliveries to Industrial Consumers, by State, 1993-1995
(Million Cubic Feet) — Continued

State	1994			1993		
	March	February	January	Total	December	November
Alabama	15,147	13,632	14,944	181,692	16,062	15,497
Alaska	5,038	4,832	5,503	75,795	6,716	6,834
Arizona	1,865	1,392	2,129	21,164	2,186	2,009
Arkansas	13,219	9,872	13,415	119,401	12,134	10,960
California	52,479	53,255	54,465	659,723	58,559	56,732
Colorado	7,388	7,711	8,741	69,024	6,060	5,770
Connecticut	2,984	2,417	3,013	36,842	3,231	3,321
Delaware	1,266	1,157	1,161	19,453	1,511	1,549
District of Columbia	0	0	0	0	0	0
Florida	9,832	9,151	10,021	100,705	9,819	8,893
Georgia	14,442	12,604	12,388	167,388	14,976	14,561
Hawaii	0	0	0	0	0	0
Idaho ^a	2,464	2,511	2,634	29,146	2,666	2,542
Illinois	30,580	33,921	37,393	305,014	30,365	27,911
Indiana	24,729	25,187	27,415	263,283	25,064	23,303
Iowa	9,315	8,408	9,612	102,592	9,348	9,910
Kansas	20,314	12,617	12,753	139,032	12,984	10,700
Kentucky	7,619	7,497	9,035	76,020	8,266	7,293
Louisiana	72,548	79,597	89,533	973,682	85,728	80,874
Maine	125	144	148	1,753	159	186
Maryland	5,196	2,396	2,644	48,842	4,094	4,990
Massachusetts	8,191	7,273	7,645	94,658	10,565	10,157
Michigan	30,267	32,167	32,523	312,050	28,948	26,584
Minnesota	8,341	8,281	10,002	97,771	9,323	8,356
Mississippi	8,884	9,081	10,107	100,166	9,618	8,507
Missouri	6,125	8,606	6,945	60,982	5,944	5,642
Montana	1,082	1,152	1,306	12,690	1,267	1,243
Nebraska	3,248	2,831	3,075	38,677	4,234	3,913
Nevada	2,264	2,106	2,317	24,734	2,271	2,180
New Hampshire	420	299	349	3,805	324	396
New Jersey	17,827	13,682	16,583	188,889	15,861	17,022
New Mexico	1,610	1,392	1,579	17,023	1,741	1,603
New York	17,088	16,527	18,285	160,406	16,671	14,395
North Carolina	8,694	7,173	6,643	92,309	5,541	8,385
North Dakota	582	550	642	6,096	537	547
Ohio	29,700	30,601	32,651	301,261	32,688	27,480
Oklahoma	17,311	21,056	19,463	179,406	16,534	16,152
Oregon	5,216	4,934	5,315	60,617	5,132	5,200
Pennsylvania	21,368	20,109	22,434	241,508	21,322	19,930
Rhode Island	3,473	3,150	3,540	46,031	3,864	3,618
South Carolina	9,089	6,891	6,160	95,557	7,608	8,864
South Dakota	503	481	573	4,976	614	399
Tennessee	10,642	10,446	10,229	124,306	10,853	9,870
Texas	143,476	159,891	153,861	1,882,288	157,014	157,745
Utah	2,794	3,515	3,870	42,301	5,431	4,257
Vermont	261	160	151	2,045	187	191
Virginia	5,840	6,622	5,779	72,949	4,005	3,727
Washington	9,161	8,320	8,674	92,274	8,304	7,861
West Virginia	4,448	4,069	4,995	51,435	4,540	4,288
Wisconsin	15,470	15,134	16,415	134,073	13,831	12,756
Wyoming	3,840	3,960	4,183	54,214	4,235	3,459
Total	693,768	698,754	733,238	7,986,047	718,936	688,564

^a Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components. Deliveries for total year 1993 do not equal the sum of the twelve months.

^b = Revised Data.

NA = Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857.

**Table 21. Natural Gas Deliveries to Electric Utility* Consumers,
by State, 1993-1995**
(Million Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995		
				May	April	March
Alabama	1,350	1,078	1,180	293	209	321
Alaska	12,602	11,668	12,059	2,615	2,335	2,580
Arizona	4,587	4,753	6,207	707	1,002	969
Arkansas	7,690	3,566	1,443	3,167	2,243	1,738
California	138,700	211,421	170,019	18,187	25,880	30,550
Colorado	1,460	1,985	2,071	220	282	419
Connecticut	8,898	77	124	2,414	1,645	1,969
Delaware	9,283	4,440	1,067	1,236	2,145	2,358
District of Columbia	0	0	0	0	0	0
Florida	113,481	61,958	63,091	31,358	29,875	26,012
Georgia	1,102	264	189	629	231	82
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	11,287	12,941	2,208	1,406	1,759	4,034
Indiana	2,060	2,919	2,275	432	167	362
Iowa	687	715	982	123	246	126
Kansas	6,179	6,321	3,779	1,203	1,286	1,242
Kentucky	333	150	81	95	26	54
Louisiana	108,525	79,563	59,841	28,330	22,135	21,518
Maine	0	0	0	0	0	0
Maryland	3,373	1,467	1,710	538	535	448
Massachusetts	19,423	5,181	9,549	7,090	6,731	3,824
Michigan	11,482	6,920	7,335	2,465	2,752	2,895
Minnesota	2,599	1,435	966	729	464	356
Mississippi	39,296	15,759	8,932	10,347	6,102	7,581
Missouri	2,798	664	365	689	749	803
Montana	41	129	53	14	3	9
Nebraska	605	1,314	548	113	134	205
Nevada	12,810	8,619	7,630	3,051	1,928	2,922
New Hampshire	413	69	97	395	0	0
New Jersey	10,820	6,629	5,060	2,112	1,194	3,007
New Mexico	13,596	11,938	10,833	2,986	3,044	2,450
New York	83,326	33,052	59,705	20,520	16,880	18,594
North Carolina	449	401	713	195	168	74
North Dakota	0	0	0	0	0	0
Ohio	965	991	1,438	178	251	225
Oklahoma	51,307	45,315	49,991	12,758	12,326	10,292
Oregon	7,038	8,517	5,177	230	842	1,582
Pennsylvania	6,753	2,137	3,593	1,161	1,122	1,579
Rhode Island	0	418	0	0	0	0
South Carolina	896	193	151	185	7	695
South Dakota	35	28	62	7	6	1
Tennessee	0	660	86	0	0	0
Texas	387,111	360,779	344,164	97,058	79,799	90,251
Utah	4,367	2,340	3,053	848	900	904
Vermont	61	25	37	3	2	19
Virginia	8,238	4,707	7,108	1,248	1,093	1,639
Washington	1,217	133	4,562	8	8	108
West Virginia	196	111	50	39	80	20
Wisconsin	1,456	1,218	1,156	204	228	336
Wyoming	49	49	47	7	7	14
Total	1,098,945	925,019	860,786	257,592	228,820	245,166

See footnotes at end of table.

**Table 21. Natural Gas Deliveries to Electric Utility Consumers,
by State, 1993-1995**
(Million Cubic Feet) — Continued

State	1995		1994			
	February	January	Total	December	November	October
Alabama	244	284	3,834	326	266	484
Alaska	2,170	2,903	29,048	2,930	2,849	2,730
Arizona	783	1,126	23,716	933	1,176	1,321
Arkansas	239	303	24,977	311	672	2,197
California	26,826	37,257	601,290	49,192	49,380	55,942
Colorado	209	330	4,881	357	631	146
Connecticut	1,353	1,516	8,002	940	1,278	1,614
Delaware	1,782	1,761	17,399	1,696	1,721	2,126
District of Columbia	0	0	0	0	0	0
Florida	12,634	13,603	180,697	14,569	16,187	14,811
Georgia	82	79	1,028	87	54	9
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	2,472	1,615	34,505	3,014	1,733	4,570
Indiana	547	552	9,009	606	395	550
Iowa	78	114	2,696	208	152	127
Kansas	1,214	1,234	27,279	1,137	1,188	2,390
Kentucky	79	78	350	25	26	21
Louisiana	16,135	20,408	277,116	17,953	20,325	21,008
Maine	0	0	0	0	0	0
Maryland	1,191	661	12,718	577	461	527
Massachusetts	871	906	38,567	414	5,750	5,506
Michigan	1,736	1,635	18,218	1,705	1,743	1,958
Minnesota	577	473	5,826	487	432	674
Mississippi	7,331	7,935	82,541	7,988	8,680	10,069
Missouri	390	167	4,351	195	120	595
Montana	4	11	632	48	72	19
Nebraska	68	85	3,061	139	152	159
Nevada	3,000	1,907	32,246	1,279	1,259	2,896
New Hampshire	0	17	1,277	1	89	135
New Jersey	2,224	2,282	42,625	2,232	2,472	2,028
New Mexico	2,660	2,455	32,214	2,466	2,477	2,688
New York	12,610	14,721	182,521	16,100	17,535	18,695
North Carolina	13	0	871	4	0	0
North Dakota	0	0	3	0	0	0
Ohio	246	66	2,818	58	69	87
Oklahoma	6,975	8,956	153,109	10,380	11,315	11,858
Oregon	1,536	2,847	26,132	3,149	2,947	3,031
Pennsylvania	1,535	1,356	12,716	900	2,003	2,059
Rhode Island	0	0	546	0	0	0
South Carolina	3	7	3,005	665	632	1,074
South Dakota	19	3	159	3	9	44
Tennessee	0	0	1,019	0	0	49
Texas	55,300	64,703	1,049,205	61,644	72,208	86,324
Utah	771	944	8,900	947	916	1,121
Vermont	13	24	166	1	6	3
Virginia	2,128	2,131	19,219	1,862	1,621	1,757
Washington	228	865	2,461	1	2	292
West Virginia	23	34	243	19	14	30
Wisconsin	404	285	3,821	330	218	217
Wyoming	6	15	129	8	7	15
Total	168,710	198,657	2,987,146	207,886	231,242	263,958

See footnotes at end of table.

**Table 21. Natural Gas Deliveries to Electric Utility Consumers,
by State, 1993-1995**
(Million Cubic Feet) — Continued

State	1994					
	September	August	July	June	May	April
Alabama	321	402	450	507	314	176
Alaska	2,442	2,331	2,050	2,047	2,163	2,196
Arizona	2,414	5,662	3,535	3,923	1,204	806
Arkansas	3,527	5,390	4,926	4,389	1,588	1,119
California	61,634	75,054	54,454	44,213	36,439	47,579
Colorado	305	601	292	564	429	452
Connecticut	1,407	1,784	805	97	4	7
Delaware	1,689	2,266	1,848	1,613	1,038	499
District of Columbia	0	0	0	0	0	0
Florida	18,292	19,192	19,022	16,666	17,726	13,429
Georgia	90	86	176	262	31	114
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	2,311	2,771	3,041	4,124	2,229	4,392
Indiana	1,008	1,052	1,128	1,352	255	568
Iowa	351	286	310	546	221	138
Kansas	2,550	4,714	4,523	4,456	2,083	1,385
Kentucky	25	26	29	47	31	26
Louisiana	29,554	42,573	34,570	31,568	20,246	21,292
Maine	0	0	0	0	0	0
Maryland	1,609	2,427	4,098	1,552	399	292
Massachusetts	5,967	5,449	5,936	4,365	1,849	1,591
Michigan	1,564	1,342	1,385	1,602	1,113	1,000
Minnesota	643	708	647	800	538	368
Mississippi	11,127	10,594	9,719	8,604	4,712	3,768
Missouri	824	443	639	871	231	211
Montana	150	109	39	67	6	14
Nebraska	168	155	235	741	413	553
Nevada	4,459	5,509	4,689	3,536	2,929	1,873
New Hampshire	69	150	394	368	69	0
New Jersey	4,461	5,631	10,610	8,562	2,121	1,150
New Mexico	2,711	3,403	3,243	3,288	2,377	2,633
New York	17,863	26,145	31,193	21,939	12,121	9,301
North Carolina	32	15	10	408	13	69
North Dakota	0	1	1	0	0	0
Ohio	155	160	184	1,114	125	122
Oklahoma	15,906	20,081	21,597	16,656	12,208	8,627
Oregon	2,835	2,964	2,444	246	2	880
Pennsylvania	1,844	1,374	1,434	963	164	248
Rhode Island	0	21	46	61	71	24
South Carolina	63	11	38	329	86	53
South Dakota	7	24	9	34	6	8
Tennessee	15	121	175	0	0	0
Texas	90,569	126,369	129,088	122,224	86,789	75,990
Utah	1,222	1,181	679	495	497	358
Vermont	47	17	31	38	3	20
Virginia	2,152	2,257	2,416	2,447	1,001	367
Washington	1,049	954	20	10	4	5
West Virginia	20	16	14	19	31	7
Wisconsin	496	281	261	800	125	212
Wyoming	7	15	14	14	15	9
Total	295,956	382,114	362,444	318,528	216,022	203,934

See footnotes at end of table.

**Table 21. Natural Gas Deliveries to Electric Utility Consumers,
by State, 1993-1995**
(Million Cubic Feet) — Continued

State	1994			1993		
	March	February	January	Total	December	November
Alabama	158	210	220	4,636	291	250
Alaska	2,434	2,250	2,625	28,025	2,738	2,544
Arizona	760	1,073	911	20,480	1,216	1,376
Arkansas	270	281	308	21,191	336	2,758
California	43,860	39,438	44,105	466,061	48,489	49,810
Colorado	421	344	339	4,860	371	438
Connecticut	15	24	27	557	23	15
Delaware	1,262	709	932	8,665	1,367	1,131
District of Columbia	0	0	0	0	0	0
Florida	11,520	8,863	10,420	174,361	9,977	10,559
Georgia	49	16	54	3,026	30	32
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	2,751	1,596	1,973	16,022	2,021	1,925
Indiana	734	466	896	5,667	508	566
Iowa	137	83	136	4,303	150	140
Kansas	931	896	1,026	21,636	924	1,166
Kentucky	28	21	45	269	19	24
Louisiana	14,995	9,687	13,343	243,983	13,397	18,169
Maine	0	0	0	0	0	0
Maryland	374	161	241	8,817	541	701
Massachusetts	1,558	58	124	28,793	402	1,674
Michigan	1,878	1,538	1,392	18,898	1,290	1,308
Minnesota	254	118	157	3,910	329	437
Mississippi	3,405	1,866	2,007	39,900	1,742	3,893
Missouri	42	52	129	4,891	70	149
Montana	7	12	90	270	41	57
Nebraska	204	49	94	1,876	98	60
Nevada	1,686	938	1,192	21,305	1,304	1,381
New Hampshire	0	0	0	136	0	0
New Jersey	942	1,081	1,335	35,631	993	1,417
New Mexico	2,783	2,051	2,093	27,725	1,730	2,012
New York	6,304	2,471	2,856	171,803	5,333	10,308
North Carolina	113	107	98	2,911	167	105
North Dakota	0	0	0	1	0	0
Ohio	92	140	513	2,737	66	53
Oklahoma	7,317	8,110	9,052	153,666	10,061	11,017
Oregon	2,319	2,398	2,918	16,167	2,860	2,178
Pennsylvania	814	310	601	8,304	233	457
Rhode Island	71	129	123	387	85	51
South Carolina	28	19	6	1,851	17	10
South Dakota	5	2	7	186	3	18
Tennessee	0	0	660	1,531	8	0
Texas	74,052	59,984	63,963	1,072,506	62,194	78,098
Utah	421	515	548	6,305	568	549
Vermont	0	1	0	268	1	1
Virginia	663	720	1,956	19,735	2,005	1,280
Washington	5	4	116	4,899	309	9
West Virginia	36	15	22	133	8	18
Wisconsin	214	344	324	3,070	180	185
Wyoming	13	7	5	87	4	5
Total	185,924	149,156	169,983	2,682,440	174,498	208,335

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

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-759.

Table 22. Natural Gas Deliveries to All Consumers, by State, 1993-1995
(Million Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995		
				May	April	March
Alabama	128,857	123,125	128,469	20,110	21,609	28,494
Alaska	81,995	54,357	62,695	10,505	11,976	13,832
Arizona	47,545	40,474	45,908	7,045	8,303	9,160
Arkansas	107,804	105,509	99,623	17,778	18,195	23,271
California	815,770	863,905	814,970	141,358	154,613	156,761
Colorado	142,092	139,647	140,362	22,689	24,514	28,810
Connecticut	69,399	64,632	62,156	9,918	12,191	16,064
Delaware	26,435	20,366	18,425	4,148	5,314	6,151
District of Columbia	19,464	19,717	20,579	1,973	2,909	4,331
Florida	195,230	136,586	131,819	45,786	44,873	42,869
Georgia	168,891	160,588	165,789	23,816	27,883	32,470
Hawaii	1,189	1,182	1,146	234	232	237
Idaho	28,685	24,482	26,663	4,430	5,070	5,699
Illinois	551,247	579,025	550,986	54,787	85,688	111,222
Indiana	273,396	274,838	263,683	32,844	42,802	55,386
Iowa	125,609	126,699	124,399	15,985	21,295	25,580
Kansas	158,013	150,348	150,680	23,790	26,420	32,142
Kentucky	101,268	100,476	93,258	11,474	13,575	20,931
Louisiana	592,637	518,019	502,553	119,501	118,966	116,211
Maine	2,636	2,677	2,530	347	474	550
Maryland	94,665	95,944	94,540	11,206	14,732	19,810
Massachusetts	181,018	165,274	154,714	30,816	36,836	38,898
Michigan	491,582	516,045	482,981	60,498	86,537	106,549
Minnesota	173,225	178,401	167,575	18,611	27,961	35,192
Mississippi	103,858	93,159	79,727	19,726	*16,793	21,233
Missouri	156,276	173,662	158,394	15,878	21,440	32,649
Montana	25,725	23,305	24,489	3,588	4,499	5,726
Nebraska	64,929	64,880	64,771	8,601	10,587	13,560
Nevada	47,265	41,390	38,333	8,747	8,009	9,141
New Hampshire	10,086	10,451	9,719	1,548	1,688	2,222
New Jersey	299,936	307,557	286,213	36,417	49,894	65,396
New Mexico	52,701	48,853	47,088	8,448	9,223	9,259
New York	NA	500,131	491,921	NA	98,827	125,337
North Carolina	98,091	94,082	95,234	12,724	15,678	21,035
North Dakota	16,621	16,484	15,561	1,902	2,884	3,622
Ohio	464,039	476,785	451,754	49,734	72,814	97,476
Oklahoma	201,267	206,229	201,323	34,687	35,319	42,587
Oregon	65,303	62,652	63,177	9,474	11,232	13,542
Pennsylvania	350,800	367,484	357,571	40,535	57,917	75,394
Rhode Island	NA	36,789	37,092	NA	6,139	7,126
South Carolina	68,392	64,885	65,410	10,890	11,808	16,433
South Dakota	16,573	16,188	15,967	2,001	2,894	3,478
Tennessee	NA	121,954	122,101	NA	*20,681	25,227
Texas	1,362,635	1,337,572	1,315,581	297,362	271,071	285,034
Utah	65,354	55,737	66,966	8,948	11,179	12,720
Vermont	4,041	4,278	4,049	456	744	896
Virginia	115,628	106,082	110,915	15,922	17,647	23,425
Washington	NA	94,283	100,588	NA	18,457	21,820
West Virginia	57,052	62,056	57,887	7,367	9,224	11,905
Wisconsin	200,885	201,622	188,802	21,437	33,465	41,526
Wyoming	NA	31,749	37,409	NA	6,109	6,100
Total	9,254,198	9,082,618	8,814,548	1,422,442	1,639,192	1,924,488

See footnotes at end of table.

Table 22. Natural Gas Deliveries to All Consumers, by State, 1993-1995
(Million Cubic Feet) — Continued

State	1995		1994			
	February	January	Total	December	November	October
Alabama	29,488	29,155	255,810	24,186	19,722	18,488
Alaska	11,776	13,906	128,545	14,158	12,193	11,520
Arizona	10,657	12,380	101,319	11,429	7,728	6,300
Arkansas	23,142	25,417	228,790	20,458	16,565	16,146
California	155,129	207,909	2,048,081	204,041	188,213	152,956
Colorado	31,858	34,220	249,015	31,345	20,586	13,516
Connecticut	16,080	15,147	120,003	12,466	9,510	8,072
Delaware	5,464	5,357	48,810	4,790	4,274	4,460
District of Columbia	5,464	4,787	31,530	3,502	2,065	1,367
Florida	29,934	31,768	356,303	31,239	30,863	28,968
Georgia	40,329	44,394	334,312	37,938	29,052	24,945
Hawaii	232	253	2,778	235	236	221
Idaho	6,017	7,469	52,737	6,946	6,026	3,777
Illinois	140,654	158,896	1,024,188	129,206	88,245	64,034
Indiana	66,649	75,717	513,668	55,428	46,351	34,237
Iowa	29,032	33,718	239,642	28,122	21,279	15,798
Kansas	32,635	43,026	332,521	34,946	31,819	24,875
Kentucky	26,705	28,582	184,444	22,111	15,986	12,197
Louisiana	111,647	126,313	1,332,370	113,461	106,676	111,163
Maine	649	616	5,045	581	472	354
Maryland	25,778	23,139	182,472	19,967	13,723	10,927
Massachusetts	38,366	36,102	337,010	30,162	29,438	25,035
Michigan	119,844	118,153	897,180	98,093	72,478	54,182
Minnesota	43,341	48,120	322,307	41,427	27,938	20,738
Mississippi	22,287	23,819	227,949	20,966	18,491	19,004
Missouri	42,246	44,063	281,336	33,157	20,246	13,069
Montana	5,244	6,669	46,346	6,634	4,982	3,424
Nebraska	15,095	17,087	120,327	14,033	9,245	6,325
Nevada	10,401	10,967	101,423	10,418	7,108	7,422
New Hampshire	2,304	2,324	18,805	1,861	1,424	1,171
New Jersey	76,069	72,159	582,459	60,739	40,578	35,574
New Mexico	10,611	15,160	109,671	12,677	11,348	8,855
New York	129,335	125,804	981,957	103,296	78,515	63,682
North Carolina	24,233	24,422	185,916	19,233	15,617	13,162
North Dakota	3,983	4,230	27,395	3,294	2,557	1,393
Ohio	122,602	121,412	821,861	95,102	66,214	49,357
Oklahoma	39,495	49,179	465,429	42,394	34,642	32,599
Oregon	13,430	17,623	140,349	17,444	14,437	10,955
Pennsylvania	89,946	87,008	654,269	71,347	52,474	43,060
Rhode Island	7,259	7,117	71,333	6,751	5,783	4,709
South Carolina	14,731	14,530	146,272	15,010	13,269	13,355
South Dakota	3,959	4,241	28,111	3,895	2,705	1,577
Tennessee	31,305	31,677	222,462	24,119	17,253	13,193
Texas	240,628	268,540	3,195,409	243,844	240,019	242,275
Utah	14,078	18,428	121,115	17,868	14,807	10,088
Vermont	971	974	7,344	817	502	421
Virginia	29,101	29,533	220,906	24,304	17,213	15,059
Washington	21,865	27,020	206,516	26,462	20,522	14,896
West Virginia	14,639	13,917	110,788	11,548	8,350	6,896
Wisconsin	50,917	53,541	359,282	42,759	31,935	21,925
Wyoming	6,495	7,983	67,288	7,388	6,126	6,813
Total	2,044,104	2,223,972	18,851,199	1,913,598	1,557,801	1,324,535

See footnotes at end of table.

Table 22. Natural Gas Deliveries to All Consumers, by State, 1993-1995
(Million Cubic Feet) — Continued

State	1994					
	September	August	July	June	May	April
Alabama	17,829	17,799	17,270	17,390	17,796	21,167
Alaska	9,428	9,494	9,077	8,318	9,067	10,051
Arizona	6,944	10,589	8,641	9,213	7,042	7,279
Arkansas	17,011	18,057	17,683	17,360	14,804	17,669
California	154,234	170,913	165,021	148,798	145,479	158,583
Colorado	10,009	11,345	10,905	11,662	17,498	23,295
Connecticut	6,444	7,265	5,874	5,741	6,763	9,927
Delaware	3,595	4,022	3,580	3,722	3,071	2,897
District of Columbia	1,173	1,112	1,212	1,382	1,756	3,084
Florida	32,219	33,310	32,855	30,263	30,379	27,347
Georgia	20,452	21,025	19,758	20,554	22,485	23,017
Hawaii	228	219	223	233	229	236
Idaho	2,856	2,793	2,966	2,890	3,396	4,132
Illinois	41,631	40,068	38,464	43,515	53,445	78,335
Indiana	27,202	24,813	24,155	26,643	30,385	40,653
Iowa	12,651	11,658	10,988	12,446	14,821	19,342
Kansas	19,300	23,338	22,680	25,216	19,398	23,896
Kentucky	8,860	8,511	8,078	8,226	10,320	12,741
Louisiana	117,192	130,500	119,360	116,000	98,865	100,880
Maine	261	241	208	250	343	371
Maryland	9,797	10,294	11,994	9,824	10,471	13,512
Massachusetts	22,091	21,669	21,731	21,611	20,371	25,615
Michigan	40,201	37,656	37,299	41,227	56,893	78,223
Minnesota	13,714	13,903	12,525	13,661	17,368	27,084
Mississippi	19,465	18,875	17,985	20,005	17,767	15,999
Missouri	11,552	9,211	9,678	10,761	13,893	21,583
Montana	2,172	1,898	1,766	2,164	2,768	3,793
Nebraska	5,582	7,168	6,353	6,739	7,035	10,290
Nevada	8,591	9,602	8,915	7,977	7,990	6,862
New Hampshire	828	849	1,037	1,183	1,176	1,581
New Jersey	31,941	31,731	36,389	37,949	33,586	46,837
New Mexico	6,558	7,518	6,968	6,894	6,527	8,220
New York	51,252	60,042	64,186	60,855	61,735	82,363
North Carolina	11,239	11,104	9,834	11,645	11,813	14,395
North Dakota	1,020	842	843	962	1,587	2,441
Ohio	34,137	33,040	30,638	36,588	49,135	67,683
Oklahoma	34,168	39,538	40,581	35,277	34,192	33,126
Oregon	9,331	9,372	8,789	7,369	7,740	10,380
Pennsylvania	30,694	29,704	28,081	31,425	38,063	54,084
Rhode Island	3,328	4,782	4,440	4,749	5,362	6,024
South Carolina	10,115	9,994	8,968	10,677	9,956	11,310
South Dakota	1,001	977	740	1,028	1,526	2,274
Tennessee	9,646	12,962	11,683	11,650	14,383	18,395
Texas	279,952	280,237	284,350	287,161	258,947	252,669
Utah	6,227	5,836	5,326	5,226	5,668	8,495
Vermont	389	288	285	364	446	710
Virginia	13,664	13,310	14,292	16,982	12,301	14,248
Washington	12,796	12,796	12,019	12,743	12,254	17,285
West Virginia	5,684	5,478	5,280	5,498	7,621	9,059
Wisconsin	16,172	15,187	13,936	15,745	20,117	29,847
Wyoming	4,274	3,077	3,777	4,084	4,747	6,052
Total	1,217,103	1,266,012	1,239,687	1,249,845	1,260,781	1,485,342

See footnotes at end of table.

Table 22. Natural Gas Deliveries to All Consumers, by State, 1993-1995
(Million Cubic Feet) — Continued

State	1994			1993		
	March	February	January	Total	December	November
Alabama	25,318	28,798	30,047	263,421	26,117	21,673
Alaska	11,928	11,000	12,311	137,680	13,527	12,424
Arizona	9,321	4,434	12,398	97,417	11,345	7,335
Arkansas	22,572	22,868	27,597	215,135	22,126	20,221
California	172,141	187,002	200,700	1,877,290	205,889	166,207
Colorado	29,814	33,320	35,719	251,736	30,339	21,273
Connecticut	14,850	16,312	16,780	111,040	11,880	10,154
Delaware	4,906	4,830	4,662	41,608	4,518	3,701
District of Columbia	4,044	5,036	5,797	32,818	4,043	2,155
Florida	26,759	24,153	27,947	331,289	25,257	23,878
Georgia	32,341	37,004	45,741	343,598	43,255	31,393
Hawaii	241	228	248	2,681	219	229
Idaho	5,009	5,883	6,062	52,379	6,266	4,648
Illinois	115,086	149,184	182,976	1,019,517	135,597	103,210
Indiana	56,421	67,654	79,724	510,995	61,363	48,884
Iowa	24,673	31,598	36,265	240,483	27,845	24,400
Kansas	35,123	33,952	37,979	301,586	32,044	23,076
Kentucky	20,748	24,019	32,648	181,016	25,228	18,925
Louisiana	97,030	102,460	118,783	1,299,439	109,785	106,256
Maine	543	644	777	4,966	604	498
Maryland	22,108	23,147	26,706	178,185	21,311	16,232
Massachusetts	39,381	40,557	39,350	310,109	32,419	27,628
Michigan	107,814	131,618	141,496	880,988	104,753	79,156
Minnesota	34,202	45,464	54,284	311,712	40,025	30,404
Mississippi	18,065	19,349	21,979	187,611	17,489	16,628
Missouri	31,363	57,407	49,417	269,716	33,782	23,695
Montana	4,743	6,027	5,973	47,204	6,264	5,044
Nebraska	13,605	16,876	17,074	123,537	15,413	11,803
Nevada	8,446	8,649	9,443	84,293	9,028	6,476
New Hampshire	2,208	2,582	2,904	16,577	1,884	1,446
New Jersey	68,354	76,303	82,478	549,030	58,500	46,841
New Mexico	10,520	11,596	11,990	104,504	13,295	11,171
New York	110,871	121,437	123,725	937,173	98,484	76,476
North Carolina	20,130	22,889	24,854	179,694	15,731	15,787
North Dakota	3,371	4,383	4,702	27,464	3,465	2,580
Ohio	99,853	119,914	140,201	822,195	107,210	77,473
Oklahoma	39,683	49,842	49,386	452,306	42,503	37,385
Oregon	13,362	14,857	16,312	130,615	16,439	11,633
Pennsylvania	81,931	90,079	103,327	650,587	76,812	56,934
Rhode Island	7,975	8,656	8,772	75,346	7,295	6,188
South Carolina	14,107	14,422	15,090	138,846	13,348	12,368
South Dakota	3,366	4,448	4,574	28,295	3,807	2,761
Tennessee	24,382	30,291	34,503	235,514	26,330	20,293
Texas	261,919	279,940	284,096	3,362,654	270,857	274,826
Utah	10,726	15,228	15,620	123,005	17,027	11,508
Vermont	965	1,063	1,095	7,225	796	616
Virginia	22,291	26,562	30,680	211,037	22,892	14,931
Washington	20,735	21,638	22,370	194,151	22,854	16,168
West Virginia	12,795	14,036	18,544	111,160	12,906	10,057
Wisconsin	42,703	51,211	57,744	344,385	43,513	33,963
Wyoming	6,318	7,201	7,431	77,242	7,366	5,520
Total	1,867,160	2,128,052	2,341,283	18,488,454	1,961,045	1,614,532

^R = Revised Data.

NA = Not Available.

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

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

Table 23. Average City Gate Price, by State, 1993-1995

(Dollars per Thousand Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995				
				May	April	March	February	January
Alabama	2.67	3.39	3.36	3.34	2.90	2.45	2.60	2.59
Alaska	1.70	1.65	0.33	1.70	1.79	1.66	1.67	1.71
Arizona	2.08	2.73	2.46	2.00	1.78	1.83	2.42	2.22
Arkansas	2.36	2.73	2.58	2.36	2.41	2.29	2.34	2.39
California	1.99	2.83	2.82	2.03	2.12	1.90	1.96	1.95
Colorado	2.71	3.45	2.74	2.41	3.45	2.56	2.70	2.63
Connecticut	4.68	3.61	3.74	5.28	4.74	4.60	4.73	4.41
Delaware	2.73	3.19	3.24	3.20	3.11	2.47	2.45	2.69
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.55	3.12	2.78	2.53	2.91	2.71	2.34	2.37
Georgia	2.96	3.62	3.59	3.15	2.85	3.45	2.54	3.00
Hawaii	4.86	4.50	6.10	4.38	4.52	5.42	5.14	4.85
Idaho	2.19	2.48	2.03	2.28	2.21	2.23	2.29	2.06
Illinois	2.45	3.26	3.45	3.16	2.40	2.33	2.28	2.47
Indiana	2.71	3.09	3.08	3.11	2.81	2.95	2.35	2.63
Iowa	2.71	3.24	3.13	3.10	2.97	2.78	2.45	2.64
Kansas	2.17	2.91	2.84	2.26	2.21	2.08	2.20	2.17
Kentucky	2.88	3.35	3.21	3.32	3.14	2.95	2.72	2.80
Louisiana	2.14	2.82	2.66	2.10	2.12	2.14	2.07	2.23
Maine	3.10	3.68	3.57	2.72	3.41	2.43	3.50	3.21
Maryland	NA	3.38	3.21	3.51	2.82	NA	2.47	2.65
Massachusetts	3.23	3.92	3.86	4.71	3.22	2.99	3.04	2.93
Michigan	2.69	2.76	3.03	2.49	2.46	2.95	2.83	2.81
Minnesota	2.40	2.86	2.99	2.56	2.16	2.49	2.38	2.43
Mississippi	NA	2.97	2.71	2.46	NA	2.37	2.24	2.35
Missouri	2.49	3.04	3.13	3.05	2.81	2.48	2.28	2.38
Montana	3.22	3.62	3.06	2.92	2.94	3.10	3.31	3.51
Nebraska	2.36	3.00	2.94	2.68	2.18	2.47	2.20	2.38
Nevada	2.77	3.42	2.74	2.86	2.35	2.62	3.15	2.80
New Hampshire	3.24	3.82	3.58	2.93	2.81	3.19	3.44	3.49
New Jersey	3.14	3.46	3.30	3.21	3.25	3.11	3.09	3.12
New Mexico	1.49	2.16	2.53	1.34	1.53	1.50	1.14	1.82
New York	2.41	3.20	3.23	2.42	2.30	2.31	2.44	2.55
North Carolina	2.87	3.43	3.11	3.06	3.06	2.79	2.77	2.85
North Dakota	2.74	3.28	3.14	2.45	2.43	2.66	2.78	3.11
Ohio	3.96	3.51	3.58	4.12	3.95	4.01	3.76	4.11
Oklahoma	2.72	2.65	2.43	2.46	2.57	2.79	2.72	2.84
Oregon	2.48	2.77	2.26	2.77	2.38	2.42	2.55	2.40
Pennsylvania	2.92	3.46	3.19	2.12	2.94	2.89	2.89	3.36
Rhode Island	NA	4.06	3.71	NA	3.26	2.76	2.75	3.12
South Carolina	3.15	3.73	3.39	3.47	3.14	3.07	3.17	3.08
South Dakota	2.80	3.30	3.20	2.99	2.64	2.80	2.80	2.82
Tennessee	NA	2.57	3.08	NA	2.75	2.33	2.62	2.39
Texas	3.09	3.16	3.28	2.76	2.94	3.24	3.16	3.13
Utah	3.25	3.01	3.22	2.55	2.48	3.33	4.06	3.46
Vermont	2.08	3.08	2.74	3.56	2.68	0.23	2.40	2.45
Virginia	2.93	3.49	3.26	3.36	2.78	2.86	2.88	2.97
Washington	2.32	2.44	2.12	1.92	2.21	2.42	2.46	2.40
West Virginia	2.77	3.35	2.83	2.99	2.65	2.95	2.59	2.83
Wisconsin	2.66	3.31	3.36	2.80	2.64	2.75	2.61	2.62
Wyoming	NA	3.25	2.87	NA	2.63	2.85	2.74	2.90
Total	2.74	3.18	3.13	2.75	2.71	2.74	2.71	2.79

See footnotes at end of table.

Table 23. Average City Gate Price, by State, 1993-1995

(Dollars per Thousand Cubic Feet) — Continued

State	1994							
	Total	December	November	October	September	August	July	June
Alabama	3.44	2.87	3.26	3.66	3.57	3.86	3.91	4.26
Alaska	1.62	1.62	1.60	1.61	1.60	1.60	1.54	1.41
Arizona	2.53	2.34	2.08	2.07	2.58	2.66	2.72	2.77
Arkansas	2.54	2.30	2.36	2.21	2.06	2.37	2.43	2.63
California	2.59	2.40	2.22	2.48	2.23	2.57	2.45	2.70
Colorado	3.31	2.98	2.81	2.83	3.66	3.47	3.82	3.82
Connecticut	4.17	4.63	4.70	4.37	5.09	5.09	5.37	5.40
Delaware	2.95	2.75	2.82	2.42	2.69	2.98	3.00	2.73
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.77	2.49	2.40	2.35	2.32	2.55	2.56	2.64
Georgia	3.54	3.30	3.42	3.13	3.64	3.53	3.83	3.82
Hawaii	4.94	5.52	5.05	5.41	5.33	5.34	5.22	4.94
Idaho	2.46	2.22	2.25	2.19	2.71	3.68	3.80	2.98
Illinois	3.01	2.82	2.80	2.38	2.65	2.93	2.62	3.33
Indiana	2.97	2.99	3.07	2.27	2.26	2.95	2.72	3.06
Iowa	3.15	2.86	2.83	2.56	3.35	3.84	3.44	3.59
Kansas	2.93	2.56	2.46	2.74	2.44	4.81	4.27	3.46
Kentucky	3.13	2.99	3.16	2.74	2.32	2.72	3.04	3.06
Louisiana	2.54	2.35	2.38	2.02	1.97	2.26	2.43	2.77
Maine	2.98	3.51	2.54	1.20	0.88	1.17	2.09	2.16
Maryland	3.38	2.78	2.99	3.20	4.27	5.01	4.77	4.38
Massachusetts	3.98	3.14	3.58	3.54	4.81	5.85	4.52	5.30
Michigan	2.70	2.93	2.70	2.56	2.55	2.59	2.77	2.55
Minnesota	2.85	2.78	2.74	2.45	2.98	3.21	2.99	3.16
Mississippi	2.83	2.54	2.81	2.49	2.64	2.71	2.99	2.73
Missouri	3.05	2.43	2.64	3.16	4.08	4.61	5.03	3.38
Montana	3.49	3.34	2.98	3.31	3.83	3.56	4.66	3.29
Nebraska	2.98	2.38	2.65	3.22	3.28	3.50	3.38	3.85
Nevada	3.18	2.85	2.53	2.88	3.50	4.04	3.50	3.23
New Hampshire	3.49	3.54	3.41	2.33	2.67	2.94	3.20	3.15
New Jersey	3.33	2.78	2.88	3.03	3.48	3.55	3.72	3.69
New Mexico	2.02	2.03	1.70	1.83	1.97	1.83	1.71	1.86
New York	3.02	2.63	2.78	2.66	2.76	3.13	3.01	3.08
North Carolina	3.27	2.82	2.96	3.11	3.35	3.09	3.60	3.26
North Dakota	3.15	2.67	2.98	3.29	3.39	3.17	3.75	3.24
Ohio	3.48	3.48	3.35	3.48	2.83	4.18	3.53	3.38
Oklahoma	2.47	2.67	2.00	1.69	1.60	1.89	1.67	2.19
Oregon	2.73	2.49	2.71	2.72	2.81	2.81	2.96	2.74
Pennsylvania	3.46	3.19	3.28	3.38	3.14	4.16	3.74	4.09
Rhode Island	4.17	3.16	3.36	3.98	5.39	6.17	6.27	5.40
South Carolina	3.67	3.31	3.57	3.36	3.71	3.59	4.20	4.05
South Dakota	3.35	2.91	2.97	3.23	4.31	4.28	4.93	4.67
Tennessee	2.71	2.52	2.89	2.63	3.85	2.94	3.62	2.95
Texas	3.01	3.23	3.04	2.73	2.72	2.66	2.66	2.59
Utah	3.31	3.66	3.24	3.91	4.81	3.62	4.24	5.18
Vermont	3.11	2.39	2.69	3.68	1.54	4.83	4.77	4.33
Virginia	3.44	3.15	3.15	3.62	3.20	3.68	3.45	4.21
Washington	2.54	2.64	3.14	2.89	2.32	2.30	2.20	2.38
West Virginia	3.23	3.03	2.78	2.94	3.46	3.48	3.16	2.97
Wisconsin	3.42	2.80	2.96	3.39	4.73	4.31	5.28	4.48
Wyoming	2.91	2.99	2.14	2.19	2.61	3.07	2.97	2.87
Total	3.08	2.86	2.85	2.82	2.92	3.16	3.12	3.20

See footnotes at end of table.

Table 23. Average City Gate Price, by State, 1993-1995

(Dollars per Thousand Cubic Feet) — Continued

State	1994					1993		
	May	April	March	February	January	Total	December	November
Alabama	3.84	3.60	3.67	3.16	3.20	3.51	3.38	3.55
Alaska	1.67	1.62	1.62	1.57	1.77	0.33	0.33	0.33
Arizona	2.53	2.72	2.87	2.95	2.69	2.62	2.69	2.57
Arkansas	2.68	2.79	2.55	2.79	2.77	2.66	2.92	2.82
California	2.64	2.62	2.98	3.09	2.83	2.85	2.86	3.05
Colorado	3.62	3.76	3.57	3.17	3.43	2.95	3.17	2.90
Connecticut	4.36	3.80	3.16	3.71	3.51	3.87	4.10	3.20
Delaware	3.00	2.98	3.19	3.41	3.29	3.24	3.45	2.94
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.86	3.19	3.30	3.65	2.73	2.76	2.90	2.60
Georgia	4.51	3.17	3.69	4.01	3.19	3.77	3.92	3.73
Hawaii	4.66	4.64	4.54	4.32	4.33	5.61	4.91	5.13
Idaho	2.78	2.65	2.53	2.32	2.45	2.26	2.68	2.33
Illinois	2.86	3.28	3.63	3.48	3.02	3.30	3.08	3.25
Indiana	2.90	2.98	3.32	3.24	2.92	3.18	3.22	3.14
Iowa	4.05	3.35	3.53	3.27	2.84	3.24	3.55	2.90
Kansas	2.94	2.97	3.32	2.89	2.67	2.80	2.92	2.70
Kentucky	3.56	3.32	3.42	3.37	3.25	3.21	3.28	3.28
Louisiana	2.64	2.65	2.94	3.19	2.66	2.72	2.88	2.80
Maine	2.92	3.20	3.81	3.85	4.04	3.69	3.14	3.28
Maryland	4.05	3.88	3.32	3.41	3.08	3.53	3.28	3.33
Massachusetts	4.69	4.33	4.04	3.68	3.58	3.98	3.75	3.69
Michigan	2.56	2.58	2.88	3.03	2.77	2.89	2.92	2.87
Minnesota	3.37	2.66	3.09	2.83	2.69	3.11	3.43	2.96
Mississippi	2.90	3.03	3.20	3.12	2.72	2.90	3.22	3.07
Missouri	3.70	3.76	3.34	2.81	2.76	3.20	3.14	2.89
Montana	4.34	3.41	3.98	3.86	3.09	3.29	3.67	2.90
Nebraska	3.94	2.95	3.17	2.92	2.73	3.46	3.96	3.96
Nevada	3.99	3.94	3.60	3.24	3.16	3.03	2.76	3.01
New Hampshire	3.61	3.37	3.98	4.04	3.79	3.76	3.76	3.74
New Jersey	3.32	3.76	3.53	3.43	3.33	3.54	3.54	3.49
New Mexico	1.70	2.10	2.19	2.42	2.12	2.39	2.17	2.48
New York	3.21	3.04	3.34	3.34	3.07	3.32	3.39	3.11
North Carolina	3.33	3.71	3.49	3.49	3.24	3.15	3.29	2.67
North Dakota	3.88	3.06	3.71	3.67	2.64	3.29	3.33	2.88
Ohio	3.38	3.56	3.62	3.47	3.48	3.52	3.25	3.48
Oklahoma	2.35	2.55	2.75	2.68	2.67	2.45	2.79	2.65
Oregon	3.08	2.78	2.69	2.70	2.77	2.48	2.94	2.54
Pennsylvania	3.70	3.46	3.52	3.56	3.27	3.41	3.39	3.03
Rhode Island	6.30	4.59	4.00	3.67	3.50	4.41	3.93	4.75
South Carolina	4.01	4.27	3.92	3.71	3.33	3.54	3.49	3.35
South Dakota	3.74	3.23	3.67	3.32	2.96	3.35	3.58	2.93
Tennessee	2.93	3.16	3.40	3.17	1.76	3.23	3.57	3.03
Texas	2.84	2.98	3.27	3.26	3.21	3.32	3.58	3.48
Utah	2.71	2.88	3.29	3.11	2.87	2.63	2.85	1.85
Vermont	3.83	3.32	2.98	2.99	2.86	2.96	2.59	2.74
Virginia	3.56	3.81	3.41	3.52	3.41	3.33	3.55	3.40
Washington	2.55	2.34	2.46	2.35	2.52	2.39	2.56	2.98
West Virginia	3.46	3.11	3.73	3.52	3.10	3.40	3.52	4.46
Wisconsin	4.30	3.30	3.42	3.23	2.99	3.70	3.41	3.31
Wyoming	3.73	3.05	3.21	3.30	3.21	2.80	3.04	2.46
Total	3.18	3.15	3.33	3.27	3.03	3.21	3.27	3.15

NA = Not Available.

— = Not Applicable.

Notes: Geographic coverage is the 50 States and the District of Columbia. Prices in this table represent the average price of natural gas by State at the point where the gas transferred from a pipeline to a local distribution company within the State. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857.

Table 24. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1993-1995

(Dollars per Thousand Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995				
				May	April	March	February	January
Alabama	6.52	6.88	6.54	8.05	7.57	6.10	6.14	6.44
Alaska	3.56	3.53	3.88	3.72	3.57	3.53	3.53	3.54
Arizona	7.47	7.00	6.69	8.36	7.87	7.67	7.24	7.07
Arkansas	5.19	5.37	5.04	6.30	5.56	5.06	4.90	5.13
California	6.62	6.21	6.02	6.84	6.47	6.49	6.65	6.67
Colorado	4.59	4.67	4.29	4.81	4.74	4.56	4.52	4.47
Connecticut	9.82	9.69	9.15	10.20	9.72	9.72	9.73	9.95
Delaware	6.78	6.98	6.23	7.54	6.99	6.62	6.59	6.74
District of Columbia	8.19	8.37	8.26	9.55	9.16	8.03	7.83	7.80
Florida	9.30	9.64	8.64	11.61	10.55	9.32	8.41	8.74
Georgia	6.64	7.05	6.41	7.77	7.62	7.34	5.94	6.42
Hawaii	17.03	16.19	17.36	17.41	17.32	16.99	16.71	16.78
Idaho	5.53	5.73	5.04	5.27	5.78	5.64	5.56	5.40
Illinois	4.59	5.49	5.22	5.67	4.56	4.40	4.60	4.49
Indiana	5.43	6.19	5.51	6.48	5.64	5.24	5.40	5.22
Iowa	4.73	5.25	5.16	5.90	4.90	4.78	4.58	4.41
Kansas	4.50	5.28	4.54	5.16	4.73	4.30	4.37	4.47
Kentucky	4.93	5.22	5.00	6.01	5.82	4.68	4.65	4.85
Louisiana	5.40	5.85	5.42	6.92	5.89	5.31	4.98	5.26
Maine	7.30	7.82	7.08	6.60	7.70	7.43	7.23	7.28
Maryland	6.28	6.82	6.74	7.24	6.49	6.10	6.12	6.19
Massachusetts	9.06	8.77	8.14	7.20	9.53	9.30	9.08	9.22
Michigan	4.45	4.68	4.72	5.01	4.49	4.39	4.35	4.38
Minnesota	4.58	5.10	5.17	5.10	4.45	4.47	4.48	4.69
Mississippi	4.74	5.14	4.90	5.95	^a 4.84	4.67	4.50	4.71
Missouri	4.58	5.46	4.92	5.25	4.96	4.37	4.41	4.53
Montana	5.07	5.01	4.68	5.30	5.16	5.06	5.03	4.95
Nebraska	4.57	4.90	4.73	5.12	4.73	4.40	4.45	4.53
Nevada	6.48	6.32	5.21	6.89	6.60	6.64	6.38	6.24
New Hampshire	6.94	7.86	7.27	6.12	5.65	7.38	7.33	7.31
New Jersey	6.84	7.19	6.67	7.56	6.92	6.67	6.52	7.06
New Mexico	5.24	6.27	5.63	6.18	5.49	5.66	5.00	4.79
New York	7.86	8.18	7.52	8.65	7.83	7.61	7.61	8.05
North Carolina	6.66	6.83	6.52	8.02	7.14	6.67	6.15	6.71
North Dakota	4.41	5.10	4.90	5.05	4.45	4.31	4.29	4.33
Ohio	5.40	5.63	5.45	5.72	5.41	5.25	5.10	5.70
Oklahoma	5.21	4.96	4.68	6.24	5.83	5.09	4.98	4.95
Oregon	6.53	6.89	6.04	6.40	6.75	6.59	6.56	6.40
Pennsylvania	7.26	7.08	6.45	7.99	7.26	7.03	7.20	7.27
Rhode Island	NA	8.60	7.67	NA	7.45	5.17	4.09	3.77
South Carolina	7.95	7.66	6.90	8.20	8.17	7.91	7.79	8.04
South Dakota	4.72	5.16	5.22	5.50	4.75	4.71	4.63	4.50
Tennessee	NA	5.98	5.46	NA	6.31	5.44	5.29	5.57
Texas	5.70	5.64	5.51	6.65	6.19	5.77	5.47	5.36
Utah	4.72	5.13	5.06	4.52	4.25	4.94	4.90	4.78
Vermont	6.61	6.64	5.92	7.25	6.67	6.54	6.49	6.51
Virginia	7.13	7.35	7.08	7.29	7.53	6.83	7.10	7.18
Washington	5.77	5.44	4.92	6.17	5.87	5.74	5.71	5.63
West Virginia	6.90	6.24	6.09	7.62	7.08	6.85	6.74	6.79
Wisconsin	5.86	6.50	6.03	5.75	5.83	5.83	5.84	5.93
Wyoming	NA	4.77	4.52	NA	4.93	4.85	4.77	4.89
Total	5.89	6.21	5.84	6.51	6.04	5.82	5.74	5.82

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1993-1995

(Dollars per Thousand Cubic Feet) — Continued

State	1994							
	Total	December	November	October	September	August	July	June
Alabama	7.46	7.45	8.64	9.73	9.88	9.97	10.01	9.80
Alaska	3.60	3.48	3.55	3.65	3.93	4.17	4.03	3.85
Arizona	7.65	7.10	7.99	9.61	10.45	10.70	10.20	9.33
Arkansas	5.70	5.33	5.80	6.93	7.59	8.20	7.92	7.62
California	6.39	6.63	6.33	6.71	6.66	6.68	6.55	6.64
Colorado	4.91	4.57	4.92	5.82	6.65	6.67	6.49	5.87
Connecticut	10.13	10.12	10.79	11.06	12.41	12.85	12.52	11.66
Delaware	7.31	7.16	7.94	8.76	9.48	9.74	9.48	8.66
District of Columbia	8.40	8.02	8.78	9.67	10.06	7.05	7.90	8.36
Florida	10.40	10.03	11.42	11.81	11.94	12.43	12.29	11.99
Georgia	7.38	6.97	7.86	8.10	6.79	9.61	9.51	9.26
Hawaii	16.85	17.35	17.18	18.08	17.52	17.75	17.32	16.54
Idaho	5.80	5.44	5.74	6.05	6.89	7.34	6.74	6.57
Illinois	5.50	4.80	4.66	5.56	7.08	7.70	7.54	7.47
Indiana	6.25	5.48	5.61	5.83	7.92	8.81	9.21	8.86
Iowa	5.42	4.73	5.12	6.49	7.75	6.99	8.50	7.93
Kansas	5.14	4.53	4.27	4.75	6.22	6.26	6.11	6.07
Kentucky	5.49	5.17	5.48	6.47	7.30	7.93	8.62	7.50
Louisiana	6.21	5.63	7.06	7.39	7.47	7.91	7.95	7.29
Maine	7.82	7.36	7.64	7.65	8.33	9.41	8.85	8.04
Maryland	6.99	6.29	6.67	7.41	8.59	9.12	9.05	8.36
Massachusetts	8.73	9.29	8.56	7.71	8.74	8.74	8.79	7.90
Michigan	4.88	4.54	4.80	5.29	6.50	6.98	7.04	6.19
Minnesota	5.21	4.86	4.98	5.45	6.47	6.82	6.85	6.58
Mississippi	5.23	4.96	5.52	5.53	5.72	5.89	5.81	5.75
Missouri	5.66	4.68	5.41	7.28	8.12	8.85	8.16	7.73
Montana	5.21	4.94	5.13	5.76	6.45	6.94	6.49	5.97
Nebraska	5.00	4.56	4.83	5.58	6.24	6.52	6.30	6.08
Nevada	6.66	6.25	6.87	7.84	8.49	8.70	8.30	7.65
New Hampshire	7.96	7.62	8.36	7.76	8.69	10.24	9.40	7.95
New Jersey	7.41	7.08	7.36	7.97	8.88	9.11	9.17	8.72
New Mexico	5.63	4.42	3.56	4.01	7.69	8.33	7.36	7.90
New York	8.73	8.64	9.36	9.70	11.42	12.00	11.64	10.64
North Carolina	7.28	7.46	7.54	8.55	10.29	10.89	10.48	9.20
North Dakota	5.19	4.48	4.86	5.99	6.91	7.52	7.02	6.62
Ohio	5.87	5.88	5.93	6.58	7.37	7.82	7.70	6.31
Oklahoma	5.42	5.29	6.10	6.97	7.79	8.12	7.76	7.54
Oregon	6.98	6.55	6.73	7.54	8.51	8.65	8.30	7.73
Pennsylvania	7.47	7.36	7.76	8.27	9.68	10.45	10.03	9.07
Rhode Island	8.91	8.53	9.14	9.20	11.18	11.33	11.24	10.26
South Carolina	7.97	8.38	8.79	8.25	9.34	9.42	9.38	8.93
South Dakota	5.23	4.52	4.41	5.59	7.23	6.94	9.82	7.72
Tennessee	6.16	5.78	6.51	6.81	7.63	7.97	7.63	7.67
Texas	6.05	5.57	6.13	7.46	7.70	8.02	7.91	7.48
Utah	4.96	4.54	4.76	4.24	5.41	5.61	5.60	5.85
Vermont	6.94	6.70	7.35	7.85	9.05	9.59	9.41	8.02
Virginia	7.84	7.46	8.22	9.51	10.97	11.15	11.28	10.12
Washington	5.68	5.63	5.67	6.14	7.05	7.40	6.75	6.27
West Virginia	6.60	6.89	7.21	7.67	8.91	9.64	10.14	5.67
Wisconsin	6.34	6.02	6.01	5.53	6.29	6.67	6.59	6.33
Wyoming	4.93	4.61	4.81	5.22	6.04	6.58	6.46	5.97
Total	6.41	6.07	6.25	6.87	7.83	8.20	8.08	7.66

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1993-1995
(Dollars per Thousand Cubic Feet) — Continued

State	1994					1993		
	May	April	March	February	January	Total	December	November
Alabama	8.96	7.51	7.21	6.42	6.44	7.10	6.85	7.43
Alaska	3.65	3.55	3.50	3.51	3.51	3.96	3.86	3.94
Arizona	8.57	7.76	6.95	5.37	6.62	7.20	6.72	7.70
Arkansas	6.88	5.80	5.61	5.09	4.98	5.38	5.30	5.46
California	5.62	6.55	6.13	6.25	6.35	6.23	6.33	6.29
Colorado	5.05	4.80	4.63	4.58	4.57	4.52	4.56	4.55
Connecticut	10.93	10.10	9.74	9.39	9.41	9.43	9.34	9.20
Delaware	8.04	7.22	6.88	6.81	6.86	6.70	7.35	6.99
District of Columbia	9.56	8.68	8.50	8.19	8.06	8.34	8.20	8.46
Florida	11.72	10.49	10.00	9.24	8.78	9.41	8.85	10.08
Georgia	8.55	8.56	7.32	6.93	6.39	6.80	6.45	6.73
Hawaii	16.55	16.30	16.00	15.93	16.22	17.51	17.01	17.14
Idaho	6.22	5.96	5.74	5.60	5.59	5.38	5.57	5.92
Illinois	6.69	6.23	5.66	5.26	5.11	5.52	5.21	5.36
Indiana	7.33	6.83	6.31	6.22	5.64	5.76	5.55	5.61
Iowa	6.23	5.74	5.40	5.00	4.96	5.48	5.26	5.06
Kansas	5.57	5.37	5.27	4.99	5.44	4.91	5.18	5.34
Kentucky	7.22	5.95	5.14	4.99	4.95	5.25	5.04	5.15
Louisiana	7.11	6.13	5.77	5.78	5.60	6.09	6.48	6.65
Maine	7.82	8.34	7.89	7.75	7.62	7.47	7.80	7.89
Maryland	8.08	7.50	6.88	6.54	6.48	7.08	6.60	7.05
Massachusetts	7.59	9.37	8.90	8.70	8.78	8.33	9.39	9.30
Michigan	5.25	4.84	4.69	4.56	4.56	5.04	4.85	5.14
Minnesota	5.88	5.13	5.18	5.04	4.99	5.31	5.14	5.02
Mississippi	6.01	5.41	5.26	5.06	4.88	5.23	5.56	5.78
Missouri	6.36	5.86	5.53	5.24	5.33	5.37	5.28	5.52
Montana	5.46	5.13	4.98	4.92	4.91	4.92	4.90	5.09
Nebraska	5.37	5.07	4.95	4.70	4.84	4.96	4.77	4.98
Nevada	7.19	6.82	6.30	6.09	6.08	5.69	5.91	6.20
New Hampshire	6.90	6.57	8.37	8.19	8.15	7.66	8.52	8.93
New Jersey	8.53	7.49	7.11	7.07	6.96	6.99	6.97	7.03
New Mexico	9.01	6.73	6.22	5.47	6.30	5.46	4.61	4.13
New York	9.20	8.87	8.21	7.99	7.69	8.15	8.43	8.38
North Carolina	8.30	7.40	7.02	6.64	6.48	6.99	7.13	7.09
North Dakota	5.37	5.31	5.12	4.98	5.02	5.23	5.13	5.40
Ohio	6.26	5.77	5.64	5.42	5.57	5.71	5.52	5.90
Oklahoma	6.29	5.45	4.95	4.71	4.65	4.94	4.39	4.80
Oregon	7.40	7.02	6.92	6.79	6.75	6.42	6.62	6.79
Pennsylvania	8.04	7.59	7.13	6.96	6.71	6.84	6.78	6.98
Rhode Island	9.13	9.11	8.57	8.36	8.42	8.17	8.81	8.93
South Carolina	8.20	8.26	8.10	7.64	7.23	7.14	7.33	7.34
South Dakota	5.60	5.44	5.36	4.88	5.06	5.30	5.21	4.77
Tennessee	7.15	6.51	6.17	5.86	5.64	5.69	5.72	5.55
Texas	7.08	6.24	5.72	5.38	5.27	5.91	5.63	5.68
Utah	5.72	4.71	5.31	5.07	5.14	5.13	5.11	5.07
Vermont	7.32	6.82	6.63	6.55	6.44	6.19	6.23	6.50
Virginia	9.31	8.08	7.17	7.16	7.04	7.51	7.17	7.21
Washington	5.92	5.59	5.41	5.34	5.32	5.23	5.40	5.57
West Virginia	5.27	4.57	6.82	6.69	6.40	6.45	6.69	6.68
Wisconsin	6.19	6.43	6.57	6.57	6.50	6.34	6.55	6.49
Wyoming	5.15	4.82	4.83	4.70	4.63	4.77	4.89	4.99
Total	6.84	6.61	6.30	6.05	5.95	6.16	6.06	6.17

^R = Revised Data.

NA = Not Available.

Notes: Data for 1993 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857.

Table 25. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1993-1995
(Dollars per Thousand Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995				
				May	April	March	February	January
Alabama	5.74	6.26	5.97	5.85	6.02	5.50	5.65	5.87
Alaska	2.51	2.54	2.84	2.40	2.50	2.51	2.53	2.57
Arizona	5.40	5.17	5.04	5.38	5.42	5.43	5.41	5.36
Arkansas	4.02	4.57	4.26	4.24	3.89	3.96	3.90	4.19
California	6.57	7.88	6.52	5.55	5.97	6.75	7.12	7.14
Colorado	4.15	4.22	3.94	4.22	4.17	4.16	4.13	4.12
Connecticut	7.41	7.41	7.20	6.78	7.49	7.31	7.43	7.73
Delaware	5.65	6.04	5.20	5.81	5.73	5.56	5.59	5.68
District of Columbia	6.13	6.70	5.84	6.08	6.36	6.30	6.14	5.82
Florida	5.13	5.65	5.84	5.17	5.18	5.06	5.04	5.22
Georgia	5.74	6.30	5.71	5.10	5.97	6.02	5.52	5.88
Hawaii	12.72	12.68	12.95	12.90	12.96	12.66	12.55	12.53
Idaho	4.82	5.05	4.38	4.55	5.17	4.82	4.86	4.72
Illinois	4.46	5.22	4.92	4.96	4.36	4.50	4.44	4.39
Indiana	4.54	5.50	4.85	4.81	4.47	4.43	4.58	4.55
Iowa	3.99	4.58	4.41	4.66	4.01	4.05	3.93	3.82
Kansas	4.09	4.76	4.07	4.19	4.06	3.98	4.05	4.19
Kentucky	4.71	4.87	4.70	4.79	4.75	4.61	4.66	4.79
Louisiana	4.95	5.48	4.94	5.25	4.88	4.92	4.76	5.05
Maine	6.67	7.15	6.56	5.91	6.90	6.77	6.68	6.71
Maryland	4.96	5.72	5.71	4.89	4.94	5.00	4.95	4.98
Massachusetts	6.83	7.42	6.49	4.33	6.67	7.05	7.46	7.49
Michigan	4.31	4.55	4.46	4.59	4.27	4.25	4.32	4.30
Minnesota	3.95	4.53	4.55	4.04	3.69	3.90	3.93	4.13
Mississippi	NA	4.56	4.26	4.14	NA	4.03	4.03	4.23
Missouri	4.17	5.17	4.58	4.01	4.09	3.98	4.20	4.36
Montana	4.92	4.88	4.53	4.96	4.93	4.95	4.96	4.85
Nebraska	4.09	4.50	4.26	5.00	3.90	3.94	3.97	4.08
Nevada	5.39	5.20	4.28	5.44	5.41	5.41	5.37	5.34
New Hampshire	6.49	7.39	6.70	5.38	5.47	6.89	6.85	6.86
New Jersey	5.65	6.07	5.54	5.13	5.21	5.68	5.56	6.20
New Mexico	4.00	4.99	4.58	4.02	3.85	4.06	4.02	4.03
New York	NA	6.73	6.11	NA	6.03	5.81	6.07	5.99
North Carolina	5.35	5.83	5.41	5.23	5.18	5.60	5.17	5.46
North Dakota	3.84	4.60	4.63	4.12	3.81	3.77	3.80	3.85
Ohio	4.99	5.31	5.09	4.89	4.94	4.81	4.82	5.36
Oklahoma	4.63	4.68	4.43	4.61	4.65	4.68	4.54	4.67
Oregon	5.23	5.51	4.80	5.11	5.26	5.24	5.25	5.23
Pennsylvania	6.51	6.48	5.84	6.78	6.54	6.38	6.57	6.43
Rhode Island	NA	7.82	7.02	NA	7.15	4.82	4.03	3.74
South Carolina	6.50	6.39	5.92	5.90	6.52	6.57	6.57	6.61
South Dakota	3.77	4.38	4.40	4.26	3.68	3.74	3.73	3.72
Tennessee	NA	5.60	5.17	NA	5.11	5.06	4.86	5.17
Texas	4.39	4.60	4.53	4.08	4.03	4.40	4.54	4.67
Utah	3.62	3.96	4.17	3.26	3.16	3.88	3.77	3.72
Vermont	5.50	5.73	5.29	5.66	5.50	5.50	5.52	5.44
Virginia	5.22	5.71	5.53	5.13	4.99	5.02	5.44	5.30
Washington	5.07	4.78	4.43	5.04	5.06	5.17	5.02	5.04
West Virginia	6.03	5.60	5.54	6.40	6.38	5.90	5.95	5.94
Wisconsin	4.61	5.25	4.95	4.30	4.55	4.57	4.61	4.78
Wyoming	NA	4.34	4.13	NA	4.38	4.39	4.35	4.58
Total	5.10	5.57	5.18	4.99	5.02	5.09	5.11	5.19

See footnotes at end of table.

Table 25. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1993-1995

(Dollars per Thousand Cubic Feet) — Continued

State	1994							
	Total	December	November	October	September	August	July	June
Alabama	6.37	6.37	6.55	6.57	6.67	6.64	6.72	6.74
Alaska	2.47	2.56	2.46	2.35	2.31	2.22	2.27	2.36
Arizona	5.28	5.33	5.41	5.49	5.44	5.40	5.35	5.30
Arkansas	4.56	4.11	4.30	4.63	4.35	5.51	5.20	5.05
California	7.07	6.48	6.01	5.67	7.18	7.53	5.41	7.76
Colorado	4.29	4.20	4.35	4.67	4.53	4.64	4.61	4.49
Connecticut	7.31	7.30	7.24	6.97	7.94	6.85	6.88	6.70
Delaware	6.10	5.88	6.13	6.41	6.57	6.55	6.51	6.32
District of Columbia	6.24	6.10	6.00	6.04	5.86	5.13	4.60	4.47
Florida	5.54	5.37	5.36	5.33	5.39	5.45	5.64	5.63
Georgia	6.19	6.17	6.47	6.03	4.75	6.06	6.04	6.11
Hawaii	12.69	12.74	12.68	13.19	12.69	12.66	12.64	12.32
Idaho	5.03	4.76	5.06	5.07	5.31	5.38	5.23	5.37
Illinois	5.13	4.64	4.34	4.82	5.79	6.21	6.46	6.13
Indiana	5.35	4.70	4.43	4.86	5.96	6.25	6.32	6.66
Iowa	4.52	4.18	3.94	4.29	5.73	4.55	5.57	5.18
Kansas	4.24	3.95	3.60	3.51	3.63	3.34	3.50	3.63
Kentucky	4.95	4.94	5.01	4.96	5.15	5.49	5.44	5.33
Louisiana	5.43	5.22	5.54	5.38	5.20	5.33	5.66	5.25
Maine	6.97	6.74	6.86	6.50	6.56	6.76	6.73	6.62
Maryland	5.48	4.97	5.03	4.82	5.12	5.60	5.70	5.56
Massachusetts	6.45	7.20	6.40	4.27	4.13	3.74	4.07	4.20
Michigan	4.63	4.45	4.51	4.81	5.57	5.80	5.87	5.28
Minnesota	4.38	4.19	3.99	3.89	4.18	4.32	4.45	4.49
Mississippi	4.34	4.18	4.16	3.88	3.89	4.00	4.00	4.02
Missouri	5.03	4.41	4.39	4.85	5.07	5.36	5.17	5.14
Montana	4.97	4.85	4.91	5.18	5.48	5.62	5.55	5.33
Nebraska	4.20	4.04	3.92	4.01	3.76	3.66	3.69	3.77
Nevada	5.36	5.34	5.62	5.58	5.66	5.74	5.65	5.55
New Hampshire	7.16	6.94	7.19	6.27	6.43	6.67	6.61	6.39
New Jersey	6.01	6.11	6.64	5.39	5.23	5.46	6.21	5.66
New Mexico	4.28	3.70	2.90	2.97	4.15	4.24	3.98	4.53
New York	6.45	6.16	5.96	5.78	5.95	5.80	6.10	6.42
North Carolina	5.80	5.72	6.13	5.55	5.58	5.62	5.74	5.73
North Dakota	4.48	3.92	3.97	4.32	4.95	5.04	5.02	4.97
Ohio	5.38	5.43	5.49	5.63	5.71	5.94	5.88	5.18
Oklahoma	4.73	4.78	4.88	4.88	4.65	4.93	4.75	4.95
Oregon	5.52	5.34	5.37	5.51	5.80	6.04	5.86	5.61
Pennsylvania	6.55	6.57	6.53	6.55	6.71	6.71	7.15	7.03
Rhode Island	7.36	6.81	6.23	6.58	7.61	5.92	6.66	7.38
South Carolina	6.07	6.49	6.55	5.56	5.71	5.57	5.57	4.07
South Dakota	4.34	3.74	3.74	4.16	5.40	5.02	7.10	5.48
Tennessee	5.51	5.28	5.49	5.24	5.17	5.52	5.28	5.63
Texas	4.44	4.53	4.53	4.62	4.43	4.01	3.96	4.00
Utah	3.84	3.60	3.96	3.42	3.64	3.71	3.76	3.98
Vermont	5.56	5.40	5.24	5.32	5.55	2.84	5.86	5.81
Virginia	5.66	5.26	5.57	5.74	5.84	5.89	5.52	5.76
Washington	4.86	5.02	4.95	4.75	5.00	5.12	4.99	4.87
West Virginia	5.57	6.21	6.69	5.21	4.50	5.40	4.46	4.56
Wisconsin	4.96	4.73	4.53	3.98	4.18	4.43	4.59	4.24
Wyoming	4.34	4.23	4.33	4.38	4.50	4.61	4.50	4.35
Total	5.43	5.23	5.18	5.09	5.34	5.28	5.22	5.36

See footnotes at end of table.

Table 25. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1993-1995

(Dollars per Thousand Cubic Feet) — Continued

State	1994					1993		
	May	April	March	February	January	Total	December	November
Alabama	6.63	6.46	6.49	6.03	6.12	6.19	6.07	6.34
Alaska	2.49	2.57	2.59	2.55	2.50	2.78	2.84	2.76
Arizona	5.39	5.34	5.13	4.83	5.04	5.06	5.10	5.31
Arkansas	5.13	4.77	4.79	4.41	4.32	4.42	4.46	4.53
California	5.84	8.27	8.26	8.69	8.15	6.03	5.69	5.03
Colorado	4.29	4.26	4.21	4.19	4.19	4.04	4.24	4.13
Connecticut	7.34	7.25	7.51	7.57	7.29	7.02	7.31	6.64
Delaware	6.61	6.10	5.99	5.98	5.98	5.46	5.75	5.83
District of Columbia	5.93	6.50	7.17	7.21	6.43	5.75	5.79	5.96
Florida	5.63	5.60	5.68	5.74	5.59	5.81	5.81	5.82
Georgia	6.28	6.59	6.43	6.45	6.02	5.83	5.95	5.78
Hawaii	15.54	12.17	11.77	11.94	12.07	12.90	12.54	12.63
Idaho	5.47	5.28	4.98	4.92	4.97	4.65	4.93	5.23
Illinois	6.08	5.75	5.29	5.05	5.02	5.10	5.03	5.00
Indiana	6.11	6.07	5.60	5.46	5.15	4.99	5.05	4.95
Iowa	4.87	4.81	4.72	4.45	4.45	4.52	4.67	4.06
Kansas	4.07	4.44	4.77	4.72	5.14	4.06	4.75	4.55
Kentucky	5.42	4.92	4.74	4.79	4.90	4.82	5.13	4.94
Louisiana	5.47	5.21	5.38	5.63	5.55	5.33	6.17	5.88
Maine	6.44	7.47	7.09	7.23	7.19	6.76	7.25	7.40
Maryland	5.57	5.79	5.90	5.83	5.54	5.72	5.41	5.54
Massachusetts	4.79	7.40	7.56	7.89	7.87	6.04	7.20	6.48
Michigan	4.77	4.58	4.54	4.48	4.54	4.66	4.64	4.82
Minnesota	4.45	4.40	4.56	4.56	4.57	4.52	4.51	4.15
Mississippi	4.38	4.49	4.65	4.67	4.50	4.38	4.83	4.74
Missouri	5.00	5.23	5.18	5.18	5.16	4.76	5.03	4.86
Montana	5.03	4.89	4.84	4.87	4.85	4.67	4.74	4.82
Nebraska	5.30	4.51	4.48	4.32	4.44	4.27	4.27	4.16
Nevada	5.50	5.36	5.19	5.10	5.09	4.40	4.90	4.44
New Hampshire	6.06	6.30	7.81	7.72	7.68	6.83	7.77	7.96
New Jersey	5.59	5.52	6.22	6.25	6.18	5.60	6.13	6.03
New Mexico	5.25	4.81	5.00	4.64	5.32	4.31	4.02	3.54
New York	6.79	7.00	6.86	6.66	6.49	6.16	6.50	6.15
North Carolina	5.66	5.75	5.93	5.88	5.80	5.51	5.86	5.80
North Dakota	4.54	4.63	4.66	4.57	4.58	4.75	4.66	4.68
Ohio	5.56	5.34	5.30	5.20	5.35	5.24	5.20	5.48
Oklahoma	4.78	4.82	4.76	4.63	4.60	4.41	4.30	4.38
Oregon	5.56	5.49	5.52	5.50	5.50	5.04	5.35	5.25
Pennsylvania	6.73	6.79	6.50	6.55	6.22	5.99	5.99	6.02
Rhode Island	7.58	7.94	7.91	7.90	7.66	7.10	7.47	7.33
South Carolina	5.46	6.78	6.47	6.56	6.34	5.82	6.12	6.00
South Dakota	4.39	4.41	4.46	4.32	4.36	4.37	4.57	3.85
Tennessee	5.63	5.70	5.71	5.64	5.46	5.27	5.52	5.26
Texas	4.54	4.34	4.52	4.73	4.75	4.45	4.76	4.88
Utah	3.81	3.36	4.10	4.14	4.03	4.06	4.24	3.91
Vermont	5.58	5.63	5.96	5.73	5.67	5.25	5.06	5.06
Virginia	5.76	5.69	5.59	5.81	5.72	5.60	5.62	5.46
Washington	4.81	4.81	4.86	4.76	4.69	4.53	4.16	4.79
West Virginia	3.82	4.30	6.17	6.08	5.94	5.87	6.09	6.10
Wisconsin	4.54	4.92	5.30	5.43	5.38	5.16	5.45	5.31
Wyoming	4.30	4.27	4.36	4.33	4.39	4.23	4.45	4.53
Total	5.44	5.59	5.66	5.59	5.50	5.22	5.33	5.21

^R = Revised Data.

NA = Not Available.

Notes: Data for 1993 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 28 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857.

**Table 26. Average Price of Natural Gas Sold to Industrial Consumers, by State,
1993-1995**
(Dollars per Thousand Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995				
				May	April	March	February	January
Alabama	3.06	3.70	3.50	3.04	2.91	3.01	3.13	3.16
Alaska	1.52	1.40	1.35	1.53	1.54	1.52	1.52	1.51
Arizona	3.63	3.76	3.97	3.37	3.16	3.41	4.28	4.29
Arkansas	2.87	3.30	3.27	2.74	2.77	2.76	2.84	3.19
California	3.94	3.34	3.07	3.26	3.59	4.06	4.19	4.62
Colorado	2.04	2.55	2.38	2.02	2.03	2.07	1.90	2.16
Connecticut	4.69	5.04	5.20	3.92	4.45	4.38	5.21	5.42
Delaware	3.15	3.96	3.36	2.81	2.94	3.32	3.63	3.43
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.15	3.74	3.73	3.24	3.16	3.09	3.11	3.14
Georgia	3.54	4.27	4.05	3.27	3.15	3.60	3.87	3.72
Hawaii	—	—	—	—	—	—	—	—
Idaho ^a	3.80	4.06	—	3.65	3.79	3.84	3.91	3.81
Illinois	3.73	4.81	4.29	2.95	3.44	3.83	3.98	3.94
Indiana	2.81	4.70	3.48	3.56	3.35	3.67	3.81	1.74
Iowa	3.12	3.81	3.80	3.24	2.89	3.34	2.97	3.19
Kansas	2.04	3.10	2.67	2.05	1.94	1.96	2.09	2.18
Kentucky	3.44	3.82	3.57	3.28	3.18	3.46	3.47	3.71
Louisiana	1.73	2.47	2.23	1.77	1.67	1.63	1.72	1.85
Maine	4.95	5.61	4.92	3.62	4.49	5.58	5.74	5.73
Maryland	3.52	NA	3.86	4.02	3.99	3.72	2.69	3.35
Massachusetts	5.68	6.55	5.86	3.85	5.24	5.91	6.65	6.68
Michigan	3.99	4.13	3.84	4.11	3.88	3.90	4.14	3.97
Minnesota	2.68	3.16	3.25	2.26	2.35	2.90	2.87	3.04
Mississippi	2.59	3.19	2.91	2.53	2.59	2.51	2.59	2.74
Missouri	3.55	4.73	3.71	3.14	3.36	3.47	3.69	3.78
Montana	4.86	4.77	2.60	4.90	7.90	2.56	2.59	4.86
Nebraska	2.84	3.41	3.14	2.67	2.67	2.90	2.88	2.95
Nevada	5.47	5.66	3.96	5.51	5.42	5.43	5.59	5.41
New Hampshire	NA	5.59	5.01	3.11	3.52	NA	6.52	5.98
New Jersey	3.26	3.96	3.82	2.88	2.98	3.49	3.29	3.59
New Mexico	3.74	4.49	4.07	3.16	4.06	5.62	5.37	3.83
New York	4.76	6.24	5.32	4.26	4.63	4.87	4.89	4.91
North Carolina	3.48	3.98	3.81	2.99	2.97	3.49	3.93	3.96
North Dakota	2.88	3.48	3.41	2.79	2.77	2.77	2.90	3.07
Ohio	4.59	4.95	4.55	3.91	4.49	4.34	4.70	4.99
Oklahoma	2.35	2.34	2.14	2.08	2.50	2.50	2.09	2.58
Oregon	3.44	3.55	3.56	3.46	3.38	3.41	3.48	3.47
Pennsylvania	4.04	4.42	3.91	3.94	3.66	4.00	4.48	4.06
Rhode Island	NA	5.42	5.86	NA	4.67	5.37	7.10	6.51
South Carolina	3.12	3.59	3.44	2.89	2.88	2.99	2.76	4.33
South Dakota	3.19	3.58	3.54	3.28	2.92	3.20	3.14	3.39
Tennessee	NA	4.00	3.86	NA	3.02	3.18	3.73	3.59
Texas	1.87	2.38	2.19	1.91	1.81	1.76	1.99	1.93
Utah	2.59	3.42	3.48	2.44	2.54	2.61	2.63	2.63
Vermont	3.42	3.61	3.65	3.31	3.38	3.47	3.56	3.38
Virginia	4.08	4.75	4.35	3.63	3.69	4.12	4.43	4.29
Washington	NA	3.07	3.12	NA	2.64	2.66	2.79	2.93
West Virginia	2.60	3.42	2.79	2.49	2.55	2.53	2.66	2.76
Wisconsin	3.11	3.95	3.51	2.83	3.07	3.28	3.50	2.80
Wyoming	NA	3.12	3.27	NA	3.43	3.49	3.37	3.33
Total	2.76	3.36	3.06	2.52	2.59	2.76	2.96	2.91

See footnotes at end of table.

**Table 26. Average Price of Natural Gas Sold to Industrial Consumers, by State,
1993-1995**
(Dollars per Thousand Cubic Feet) — Continued

State	1994							
	Total	December	November	October	September	August	July	June
Alabama	3.36	3.23	3.17	2.84	3.05	3.15	3.10	3.29
Alaska	1.44	1.50	1.45	1.45	1.45	1.45	1.45	1.40
Arizona	3.54	4.61	3.42	3.12	3.38	3.20	3.21	3.29
Arkansas	3.29	3.45	3.23	3.22	3.22	3.22	3.30	3.30
California	3.28	4.52	5.04	2.64	2.87	2.58	3.61	2.43
Colorado	2.34	2.24	2.27	1.94	2.12	2.08	2.06	2.29
Connecticut	4.47	4.74	4.24	3.75	3.75	3.76	3.80	3.98
Delaware	3.41	3.29	3.10	2.87	3.05	3.31	3.28	3.15
District of Columbia	1.00	—	—	—	—	—	—	—
Florida	3.52	3.25	3.20	3.21	3.35	3.46	3.44	3.55
Georgia	3.86	3.80	3.73	3.37	3.44	3.55	3.83	3.15
Hawaii	1.00	—	—	—	—	—	—	—
Idaho *	1.96	3.95	0.48	1.96	2.36	3.56	2.16	2.37
Illinois	4.46	4.17	3.24	3.28	4.14	4.82	4.35	4.55
Indiana	4.43	3.97	3.58	3.64	4.29	4.85	4.72	4.51
Iowa	4.03	3.85	2.90	3.23	4.91	7.19	5.44	4.10
Kansas	2.61	2.42	2.24	1.86	2.33	2.78	2.73	3.02
Kentucky	3.67	3.66	3.50	3.31	3.28	3.60	3.50	3.49
Louisiana	2.15	1.87	1.75	1.69	1.92	2.12	2.12	2.19
Maine	4.79	5.24	4.38	3.95	4.03	4.00	3.90	4.13
Maryland	4.11	3.14	NA	3.63	3.21	3.52	3.78	4.14
Massachusetts	5.42	6.47	5.23	3.96	3.94	3.94	3.99	4.16
Michigan	4.22	4.16	4.17	4.26	5.15	4.85	4.72	4.43
Minnesota	2.94	2.73	2.91	2.87	2.47	2.49	2.66	2.69
Mississippi	2.97	2.80	2.80	2.60	2.67	2.89	2.99	2.90
Missouri	4.36	3.85	3.61	3.75	3.96	4.05	4.09	4.06
Montana	4.85	4.86	4.87	4.96	5.02	5.00	4.95	4.93
Nebraska	3.05	2.89	2.76	2.44	2.66	2.54	2.73	2.70
Nevada	5.67	5.71	5.85	5.60	5.71	5.64	5.60	5.59
New Hampshire	4.44	4.88	3.86	3.18	3.43	3.34	3.51	3.52
New Jersey	3.50	3.56	3.13	2.79	2.87	3.10	3.09	3.46
New Mexico	3.60	3.46	2.96	2.96	3.37	3.32	3.33	3.86
New York	5.69	5.51	5.06	4.69	4.58	4.51	4.85	5.34
North Carolina	3.69	3.80	3.49	3.28	3.31	3.36	3.30	3.18
North Dakota	3.10	1.44	3.15	3.05	3.19	3.12	3.07	3.13
Ohio	4.83	4.87	4.67	4.54	4.66	4.52	4.65	4.45
Oklahoma	2.23	2.43	2.82	1.76	1.91	1.97	1.93	2.19
Oregon	3.60	3.60	3.74	3.68	3.69	3.66	3.67	3.52
Pennsylvania	4.16	3.94	4.12	3.85	3.99	3.82	3.72	3.73
Rhode Island	4.35	4.32	3.88	3.40	3.74	3.76	3.88	3.83
South Carolina	3.22	3.19	3.03	2.73	3.00	3.17	3.08	3.08
South Dakota	3.74	3.48	3.30	3.59	4.55	4.51	4.72	4.63
Tennessee	3.75	3.39	3.45	3.51	3.47	3.59	3.73	3.70
Texas	2.18	2.07	2.04	1.77	1.83	2.07	2.29	2.02
Utah	2.76	2.04	2.59	2.44	2.52	2.50	2.50	2.51
Vermont	3.45	3.41	3.30	3.34	3.08	3.55	3.35	3.30
Virginia	4.95	5.03	5.63	5.70	6.01	5.68	4.28	4.65
Washington	2.87	3.08	2.85	2.60	2.62	2.58	2.64	2.67
West Virginia	3.06	2.89	2.84	2.83	2.67	2.51	2.85	2.54
Wisconsin	3.50	3.58	3.35	2.66	2.57	2.83	2.91	2.90
Wyoming	3.12	3.24	3.14	3.13	3.11	2.98	3.14	3.13
Total	3.05	3.03	2.88	2.51	2.60	2.75	2.84	2.78

See footnotes at end of table.

Table 26. Average Price of Natural Gas Sold to Industrial Consumers, by State, 1993-1995

(Dollars per Thousand Cubic Feet) — Continued

State	1994					1993		
	May	April	March	February	January	Total	December	November
Alabama	3.44	3.49	3.82	3.87	3.83	3.37	3.59	3.20
Alaska	1.40	1.40	1.40	1.40	1.40	1.29	1.20	1.20
Arizona	3.53	3.59	3.94	4.24	4.05	4.02	3.95	4.08
Arkansas	3.31	3.35	3.38	3.24	3.24	3.31	3.45	3.41
California	3.64	2.51	4.85	3.31	3.11	2.82	2.50	2.22
Colorado	2.90	2.44	2.51	2.58	2.55	2.35	2.65	2.49
Connecticut	4.05	4.76	5.42	5.74	5.04	4.77	5.17	4.69
Delaware	3.47	4.15	3.59	4.48	4.26	3.40	3.85	3.61
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.56	3.69	3.82	3.93	3.78	3.83	3.96	3.99
Georgia	3.79	3.91	3.99	4.87	4.69	4.10	4.19	4.07
Hawaii	—	—	—	—	—	—	—	—
Idaho *	3.90	3.99	4.09	4.19	4.11	3.02	—	—
Illinois	4.88	5.02	4.64	4.92	4.75	4.44	4.87	4.63
Indiana	4.87	5.05	4.74	4.69	4.42	3.71	4.37	4.05
Iowa	3.46	4.08	3.80	3.93	3.76	3.77	4.35	3.53
Kansas	2.69	3.08	3.70	3.09	3.14	2.64	2.92	2.65
Kentucky	3.51	3.67	3.86	3.78	4.25	3.66	4.02	3.98
Louisiana	2.33	2.41	2.66	2.43	2.53	2.30	2.54	2.32
Maine	3.91	5.52	6.29	6.28	6.36	4.65	5.68	4.84
Maryland	3.66	5.14	4.73	5.32	3.16	3.59	3.60	3.59
Massachusetts	4.92	5.98	6.94	7.35	7.23	5.08	6.96	5.57
Michigan	4.29	4.18	4.14	4.04	4.15	3.91	3.88	3.99
Minnesota	2.76	3.07	3.21	3.30	3.27	3.20	3.19	3.85
Mississippi	3.03	3.06	3.35	3.37	3.10	2.99	3.40	3.21
Missouri	4.17	4.77	4.81	4.69	4.91	4.25	8.63	3.64
Montana	4.85	4.74	4.92	4.70	4.70	2.76	3.20	3.17
Nebraska	3.01	3.11	3.61	3.54	3.49	3.09	3.48	3.14
Nevada	5.66	5.64	5.67	5.68	5.65	4.30	4.20	4.80
New Hampshire	3.70	4.92	5.47	7.11	7.07	4.68	6.25	5.25
New Jersey	3.39	3.49	4.33	4.17	4.29	3.70	3.87	3.70
New Mexico	3.77	4.70	5.00	4.13	7.34	3.82	3.86	3.84
New York	5.57	6.57	6.40	6.32	6.07	5.17	5.06	4.77
North Carolina	3.35	3.47	4.04	4.20	4.54	3.74	4.40	4.00
North Dakota	3.13	3.26	3.41	3.88	3.49	3.42	3.31	3.40
Ohio	4.71	4.89	4.85	4.92	5.17	4.64	4.81	4.91
Oklahoma	1.96	2.42	2.47	2.31	2.48	2.20	2.49	2.23
Oregon	3.47	3.42	3.55	3.50	3.75	3.48	3.73	3.46
Pennsylvania	3.93	4.30	4.25	4.68	4.67	3.85	4.03	3.81
Rhode Island	4.12	4.70	5.98	7.08	6.40	5.11	5.24	4.49
South Carolina	3.22	3.21	3.68	3.99	4.06	3.35	3.81	3.40
South Dakota	3.45	3.47	3.62	3.52	3.74	3.76	4.61	4.20
Tennessee	3.93	4.04	3.86	4.02	4.16	3.89	4.06	3.96
Texas	2.32	2.25	2.52	2.37	2.43	2.51	2.44	2.23
Utah	2.58	3.37	3.01	4.92	3.09	3.67	5.02	4.27
Vermont	3.31	3.61	3.84	3.69	3.43	3.57	3.46	3.51
Virginia	4.56	4.69	4.81	4.75	4.87	3.88	3.92	4.33
Washington	2.87	2.98	3.15	3.13	3.16	3.22	3.22	3.33
West Virginia	3.19	3.03	3.54	3.68	3.45	2.66	3.15	2.88
Wisconsin	3.20	3.58	4.20	4.18	4.08	3.52	3.81	3.56
Wyoming	3.15	3.06	3.08	3.24	3.08	3.62	4.50	4.60
Total	3.00	3.08	3.59	3.50	3.54	3.07	3.28	3.02

^R = Revised Data.

NA = Not Available.

— = Not Applicable.

Notes: Data for 1993 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 28 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857.

Table 27. Average Price of Natural Gas Delivered to Electric Utility^a Consumers, by State, 1993-1995
(Dollars per Thousand Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995				1994
				April	March	February	January	Total
Alabama	1.99	2.94	2.47	1.95	1.84	1.97	2.19	2.37
Alaska	0.84	0.74	0.64	0.82	0.83	0.83	0.87	0.72
Arizona	1.65	2.62	2.87	1.56	^R 1.71	1.68	1.67	2.23
Arkansas	1.53	1.93	1.54	1.63	^R 1.41	1.41	1.52	1.87
California	2.37	2.88	3.15	2.28	2.36	2.37	2.43	2.56
Colorado	1.66	2.49	2.38	1.68	1.61	1.60	1.76	2.21
Connecticut	2.10	6.24	5.09	2.07	1.99	2.04	2.31	1.99
Delaware	2.34	3.10	4.10	2.18	2.19	2.52	2.55	2.43
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.03	2.35	2.38	2.16	1.96	1.99	1.94	2.18
Georgia	3.96	3.78	3.71	2.99	3.00	3.80	7.97	3.29
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	1.56	2.48	2.92	1.64	1.51	1.55	1.64	2.04
Indiana	2.50	3.54	2.72	2.88	2.31	^R 2.48	2.52	2.72
Iowa	2.87	3.68	3.34	2.73	3.01	3.04	2.89	3.18
Kansas	1.65	2.24	2.40	1.64	1.51	1.62	1.82	1.89
Kentucky	2.76	3.20	3.00	3.89	2.95	2.37	2.63	2.93
Louisiana	1.78	2.61	2.34	1.78	1.69	1.76	1.88	2.17
Maine	—	—	—	—	—	—	—	—
Maryland	2.53	3.55	2.93	2.64	2.54	2.35	2.76	2.57
Massachusetts	2.11	3.03	2.92	2.07	2.00	2.27	2.74	2.32
Michigan	0.75	0.95	0.63	0.55	0.86	0.99	0.64	0.97
Minnesota	1.87	2.60	2.61	1.62	1.74	1.97	2.10	2.14
Mississippi	1.68	2.62	2.15	1.74	1.59	1.60	1.78	1.98
Missouri	1.52	2.44	2.59	1.56	1.43	^R 1.48	1.85	1.90
Montana	15.50	1.66	6.84	25.80	^R 12.45	^R 37.93	6.70	1.21
Nebraska	1.85	2.37	2.58	1.60	1.90	1.90	2.09	2.02
Nevada	1.67	2.39	2.61	1.85	1.51	1.57	1.89	1.99
New Hampshire	1.81	—	2.22	1.98	—	—	1.85	2.13
New Jersey	1.81	2.67	2.50	1.90	1.74	^R 1.72	1.96	2.17
New Mexico	1.56	2.25	2.25	1.50	1.44	1.48	1.84	1.99
New York	2.19	2.81	2.83	2.13	2.08	2.20	^R 2.40	2.30
North Carolina	2.66	3.91	3.91	2.50	2.89	3.42	—	3.38
North Dakota	3.67	4.57	4.25	3.77	3.68	3.68	3.64	4.11
Ohio	2.45	4.26	2.67	2.47	^R 2.28	2.16	^R 4.03	3.85
Oklahoma	2.33	3.37	3.41	2.28	2.27	2.34	2.46	2.76
Oregon	1.43	2.18	2.24	1.25	^R 1.15	1.60	1.54	1.85
Pennsylvania	2.35	3.48	2.55	1.86	2.38	2.54	2.52	2.36
Rhode Island	—	2.43	—	—	—	—	—	2.29
South Carolina	1.47	3.37	3.34	2.73	1.43	3.83	3.42	1.71
South Dakota	—	—	2.62	—	—	—	—	2.65
Tennessee	—	—	1.11	—	—	—	—	—
Texas	1.91	2.51	2.44	1.86	1.85	^R 1.92	2.06	2.20
Utah	2.67	2.64	1.91	2.70	2.63	2.71	2.66	2.42
Vermont	1.87	2.24	2.51	2.23	1.86	1.90	1.82	2.31
Virginia	2.69	3.58	2.90	2.60	2.57	2.70	2.83	2.66
Washington	4.80	4.09	4.28	29.07	6.51	4.28	4.49	^R 4.95
West Virginia	3.83	4.47	3.98	4.09	3.52	3.51	3.63	4.00
Wisconsin	2.31	3.34	2.64	2.22	2.18	2.42	2.40	2.66
Wyoming	8.77	3.66	3.25	10.51	5.93	^R 16.27	7.69	^R 5.80
Total	1.99	2.63	2.65	1.96	1.91	^R1.99	2.13	^R2.28

See footnotes at end of table.

Table 27. Average Price of Natural Gas Delivered to Electric Utility^a Consumers, by State, 1993-1995

(Dollars per Thousand Cubic Feet) — Continued

State	1994							
	December	November	October	September	August	July	June	May
Alabama	2.23	2.16	2.10	1.94	2.24	2.33	2.17	2.48
Alaska	0.70	^a 0.70	0.71	0.72	0.72	0.72	0.72	0.73
Arizona	2.19	2.07	1.81	2.07	2.09	2.25	2.15	^a 2.70
Arkansas	1.60	1.56	1.43	1.59	1.95	2.06	2.03	1.98
California	2.30	2.44	2.38	2.40	2.32	^a 2.42	2.48	2.79
Colorado	2.10	1.92	1.83	1.96	2.73	2.04	2.18	^a 2.30
Connecticut	^a 2.22	2.03	1.64	1.71	2.03	2.37	2.74	^a 12.64
Delaware	2.49	2.25	1.75	1.93	2.37	2.47	2.35	2.76
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.35	2.01	1.82	1.77	2.00	2.25	2.08	2.76
Georgia	4.24	5.18	2.83	2.96	2.81	3.28	3.17	4.62
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	1.83	1.72	1.59	1.63	1.88	2.01	2.18	2.13
Indiana	2.48	2.29	2.05	2.03	2.31	2.42	2.44	2.91
Iowa	2.95	2.86	2.75	3.03	2.73	2.65	3.11	3.84
Kansas	2.00	1.80	1.40	1.71	1.78	1.92	1.88	2.07
Kentucky	2.87	2.91	2.45	2.39	2.63	2.76	^a 2.82	3.51
Louisiana	1.96	1.88	1.72	1.73	2.08	2.28	2.21	2.39
Maine	—	—	—	—	—	—	—	—
Maryland	^a 2.69	2.36	2.38	2.21	2.49	2.57	2.71	3.23
Massachusetts	2.15	2.24	1.95	2.02	2.51	2.37	^a 2.99	2.55
Michigan	0.45	0.50	1.13	0.85	0.74	1.42	1.72	1.17
Minnesota	2.08	2.22	1.88	2.03	^a 2.05	2.07	2.05	2.30
Mississippi	^a 1.87	1.72	1.58	1.75	1.99	2.18	2.24	2.32
Missouri	2.12	2.13	1.40	1.54	1.92	2.02	2.06	2.20
Montana	3.25	0.65	^a 2.40	0.35	0.65	1.99	2.48	0.90
Nebraska	1.93	1.86	1.51	2.03	2.11	2.12	1.86	^a 1.93
Nevada	1.92	1.96	1.54	1.69	^a 1.93	1.94	2.14	2.11
New Hampshire	1.97	1.90	1.62	1.74	2.06	2.27	2.35	2.16
New Jersey	1.91	1.88	1.70	1.72	2.16	2.30	2.24	2.52
New Mexico	1.95	1.79	1.55	1.74	1.94	2.00	1.89	2.10
New York	2.35	2.19	^a 1.95	2.00	2.22	2.35	2.35	^a 2.47
North Carolina	3.52	3.52	2.74	2.47	2.49	2.49	2.46	3.02
North Dakota	3.57	3.64	—	—	4.21	4.16	4.11	4.13
Ohio	4.98	4.38	4.06	4.80	3.03	4.29	4.24	3.96
Oklahoma	2.56	2.55	2.64	2.43	2.58	2.50	2.66	2.89
Oregon	1.88	1.77	1.61	1.46	1.70	^a 1.73	1.91	—
Pennsylvania	2.54	2.19	1.99	1.92	2.21	^a 2.51	2.53	3.26
Rhode Island	—	—	—	—	1.88	2.06	2.09	1.94
South Carolina	1.51	1.61	1.53	2.32	3.44	3.94	3.68	3.93
South Dakota	—	—	—	—	—	2.89	2.59	—
Tennessee	—	—	—	—	—	—	—	—
Texas	2.13	2.02	1.85	1.93	2.04	2.22	2.16	2.30
Utah	2.59	2.62	2.20	2.18	2.24	2.62	2.46	2.48
Vermont	2.09	2.08	2.05	1.92	2.43	2.24	2.93	1.87
Virginia	2.67	2.24	1.96	2.10	2.41	2.68	2.60	2.95
Washington	8.64	4.77	6.41	4.47	^a 10.65	5.07	4.69	7.30
West Virginia	3.90	3.61	3.99	3.97	3.75	4.20	4.40	4.15
Wisconsin	2.55	2.23	2.10	2.15	2.34	2.48	2.41	2.68
Wyoming	5.54	^a 43.55	5.55	^a 10.65	6.72	3.99	6.89	3.80
Total	2.17	2.10	1.95	2.00	^a2.16	^a2.27	2.25	2.46

See footnotes at end of table.

Table 27. Average Price of Natural Gas Delivered to Electric Utility* Consumers, by State, 1993-1995

(Dollars per Thousand Cubic Feet) — Continued

State	1994				1993			
	April	March	February	January	Total	December	November	October
Alabama	2.54	3.15	3.18	2.89	2.65	2.98	2.64	2.48
Alaska	0.72	0.74	0.75	0.75	0.64	0.64	0.63	0.64
Arizona	2.51	2.64	2.74	2.56	2.88	2.87	2.64	2.22
Arkansas	2.06	1.82	1.73	1.76	2.27	1.75	2.49	2.22
California	2.70	2.98	3.05	2.82	3.05	3.03	2.88	2.65
Colorado	2.28	2.63	2.50	2.58	2.53	2.89	2.45	2.48
Connecticut	—	7.19	6.12	5.83	3.90	6.03	7.04	7.40
Delaware	2.84	2.86	3.68	^a 3.13	2.69	2.97	2.85	2.49
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.27	2.37	2.40	2.40	2.36	2.12	2.12	2.35
Georgia	3.79	2.47	5.42	4.46	3.31	4.86	3.72	3.64
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	2.23	2.56	2.77	2.67	2.48	2.45	2.42	2.35
Indiana	2.62	3.20	4.09	4.12	2.77	3.01	2.66	2.53
Iowa	3.81	3.74	3.78	3.44	3.12	3.34	3.42	3.21
Kansas	1.98	2.30	2.53	2.30	2.26	2.30	2.09	2.09
Kentucky	3.44	3.13	^a 3.44	3.01	3.07	3.35	3.05	2.76
Louisiana	2.37	2.67	3.00	2.64	2.49	2.77	2.52	2.36
Maine	—	—	—	—	—	—	—	—
Maryland	3.26	3.76	3.47	3.63	3.01	3.60	3.19	2.79
Massachusetts	2.67	3.34	2.94	3.80	2.72	2.23	2.82	2.58
Michigan	1.16	0.76	0.82	1.21	0.92	0.91	0.72	0.43
Minnesota	2.69	2.45	^a 2.64	2.59	2.47	2.81	2.41	2.38
Mississippi	^a 2.35	^a 2.56	3.13	2.74	2.47	2.43	2.42	2.28
Missouri	2.21	2.84	2.63	2.61	2.34	2.63	2.35	2.05
Montana	3.42	4.83	3.30	0.93	2.83	1.99	1.06	4.78
Nebraska	2.10	2.58	3.14	3.11	2.66	3.14	2.86	2.58
Nevada	2.22	^a 2.46	2.56	2.43	2.45	2.99	2.54	2.26
New Hampshire	—	—	—	—	2.21	—	—	—
New Jersey	2.39	2.83	2.68	2.80	2.38	2.91	2.42	2.38
New Mexico	2.11	2.26	2.38	2.30	2.23	2.48	2.22	2.02
New York	2.56	2.94	3.17	3.06	2.73	2.79	2.75	2.60
North Carolina	3.25	3.97	4.00	4.20	3.63	4.18	3.91	3.43
North Dakota	4.61	4.51	—	4.46	4.59	4.51	4.47	4.60
Ohio	3.48	4.76	4.40	4.32	2.94	3.67	4.16	3.73
Oklahoma	3.32	3.44	3.41	3.33	3.23	3.38	3.05	3.14
Oregon	1.85	2.21	2.11	2.30	2.28	2.67	2.31	2.06
Pennsylvania	^a 3.10	3.04	3.73	4.11	2.65	4.45	2.92	2.69
Rhode Island	2.16	2.26	2.90	2.09	2.51	2.08	2.10	—
South Carolina	3.09	3.53	3.87	3.53	2.97	3.53	3.23	3.17
South Dakota	—	—	—	—	2.41	—	—	—
Tennessee	—	—	—	—	2.78	—	—	—
Texas	2.30	2.53	2.68	2.58	2.47	2.68	2.51	2.39
Utah	1.93	2.75	2.79	2.88	2.31	2.64	2.58	2.49
Vermont	2.16	—	3.79	—	2.01	2.19	2.17	2.01
Virginia	3.41	3.83	4.78	3.09	2.89	3.08	2.68	2.85
Washington	4.21	6.53	4.21	3.97	3.89	3.92	3.61	3.87
West Virginia	3.75	4.70	4.29	4.46	4.35	4.69	5.24	3.99
Wisconsin	2.83	3.35	3.46	3.53	2.66	3.72	3.40	2.50
Wyoming	3.80	4.09	3.99	1.64	3.44	3.77	3.77	3.77
Total	2.44	2.67	2.80	2.67	2.61	2.76	2.59	2.45

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

^a = Revised Data.

— = Not Applicable.

Notes: Data for 1993 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form FERC-423 and Form EIA-176.

Table 28. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1993-1995

State	1995							
	May		April		March		February	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	72.1	15.4	76.7	17.1	81.9	18.1	81.8	20.4
Alaska	81.9	98.4	83.8	97.9	83.2	98.3	83.9	98.0
Arizona	86.5	27.3	85.7	33.4	87.9	33.2	92.6	24.8
Arkansas	94.4	13.2	95.9	14.5	96.9	14.4	98.3	16.6
California	50.0	15.0	56.6	14.1	68.1	15.6	58.5	15.6
Colorado	94.8	19.5	94.0	24.1	94.8	24.8	95.8	22.0
Connecticut	75.4	90.0	75.9	89.2	85.6	87.7	88.1	92.8
Delaware	100.0	79.0	100.0	75.6	100.0	62.9	100.0	64.9
District of Columbia	73.3	—	76.5	—	82.8	—	86.4	—
Florida	97.8	12.7	97.8	13.3	97.3	12.9	97.2	12.4
Georgia	88.8	29.3	89.9	26.3	92.7	30.2	96.8	37.3
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	86.0	2.5	85.5	3.0	54.9	2.3	89.1	2.7
Illinois	40.4	8.4	48.9	10.6	52.3	10.1	52.5	14.0
Indiana	82.6	10.1	86.5	13.8	89.0	13.5	89.4	16.4
Iowa	62.0	5.6	88.5	7.6	90.9	8.1	91.8	10.8
Kansas	58.9	11.6	65.4	11.5	83.5	10.2	69.6	11.2
Kentucky	86.4	21.8	85.3	22.4	89.2	21.1	90.5	24.0
Louisiana	98.1	30.7	98.5	28.3	98.0	30.8	98.1	35.1
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	95.9	13.8	96.7	7.2	97.8	30.0	98.5	23.6
Massachusetts	59.7	42.2	78.5	43.7	97.3	44.7	93.9	42.3
Michigan	59.5	6.5	66.4	10.8	69.7	12.7	70.4	14.1
Minnesota	95.3	34.6	96.0	35.3	94.8	22.5	93.2	25.7
Mississippi	92.2	41.9	NA	40.9	93.1	40.9	93.1	43.5
Missouri	79.4	21.0	80.5	17.9	86.2	20.7	87.8	22.2
Montana	92.0	2.5	91.9	5.5	92.5	3.3	92.5	4.3
Nebraska	67.0	15.3	73.9	17.2	73.3	19.8	79.6	25.5
Nevada	77.8	7.2	79.6	8.6	78.1	8.0	83.7	9.8
New Hampshire	98.9	62.2	99.3	91.5	99.3	NA	99.6	53.6
New Jersey	83.3	42.5	86.3	39.8	90.6	44.8	91.7	43.2
New Mexico	50.8	4.0	49.8	0.8	52.7	0.6	67.2	0.6
New York	NA	12.1	78.5	13.2	80.7	13.5	82.0	16.6
North Carolina	90.3	41.9	75.4	45.5	94.3	48.4	95.9	46.8
North Dakota	79.9	14.0	83.1	18.1	84.2	20.7	85.7	25.1
Ohio	67.6	4.2	76.6	5.9	78.6	7.3	79.9	8.6
Oklahoma	86.6	19.0	87.0	24.2	90.9	20.9	91.0	26.4
Oregon	97.9	24.0	98.2	28.2	98.2	29.5	98.4	29.5
Pennsylvania	69.2	14.6	71.0	17.1	74.6	17.7	73.4	17.5
Rhode Island	NA	NA	100.0	47.3	100.0	45.3	100.0	37.4
South Carolina	94.7	83.1	94.2	79.8	96.0	80.8	97.1	76.1
South Dakota	82.8	21.8	87.2	31.5	89.7	39.4	90.8	36.6
Tennessee	NA	NA	93.6	26.5	92.6	36.3	94.8	33.7
Texas	49.1	21.3	65.6	26.2	77.8	26.8	70.4	22.4
Utah	80.1	9.3	83.2	10.1	82.5	15.6	85.6	13.2
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	73.4	9.2	74.9	11.8	87.2	14.6	88.6	16.4
Washington	91.7	NA	92.5	37.8	94.1	41.2	93.9	39.2
West Virginia	40.0	12.5	46.1	12.3	53.8	12.6	57.5	13.0
Wisconsin	92.4	47.8	94.1	52.4	94.7	51.6	95.1	53.4
Wyoming	NA	NA	93.4	0.7	94.5	0.8	98.4	0.7
Total	66.1	20.5	72.3	21.9	77.1	22.8	76.6	22.7

See footnotes at end of table.

Table 28. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1993-1995 — Continued

State	1995		1994					
	January		Total		December		November	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	77.9	21.2	76.0	19.5	72.0	20.0	68.6	18.8
Alaska	100.0	86.6	100.0	60.0	100.0	97.0	100.0	60.7
Arizona	91.5	25.7	89.6	29.0	91.1	28.4	89.7	33.2
Arkansas	97.7	15.3	94.5	13.9	97.1	13.4	96.0	14.9
California	55.9	15.6	47.7	16.7	70.9	13.9	57.3	11.5
Colorado	95.6	24.3	92.1	24.1	95.6	26.9	93.5	27.6
Connecticut	85.9	87.9	81.2	94.0	83.7	99.1	78.2	99.9
Delaware	100.0	63.4	100.0	67.2	100.0	66.7	100.0	73.2
District of Columbia	81.7	—	91.2	—	82.4	—	76.9	—
Florida	96.5	13.0	97.4	14.5	96.4	15.2	97.4	15.9
Georgia	95.7	41.4	91.3	31.6	91.9	32.9	90.8	33.4
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	89.7	1.8	85.5	4.8	88.0	2.4	84.0	19.5
Illinois	54.0	13.9	51.8	10.7	50.9	9.6	48.8	12.0
Indiana	89.2	29.8	77.1	12.7	86.9	14.0	61.2	13.1
Iowa	74.9	13.3	89.9	11.0	90.5	9.6	89.9	11.0
Kansas	79.6	8.6	73.4	6.5	78.2	9.4	82.6	6.5
Kentucky	90.1	23.6	90.9	29.1	89.3	24.6	87.3	22.2
Louisiana	97.7	31.3	97.3	25.0	97.4	25.4	97.8	26.4
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	97.9	14.5	97.1	15.7	97.8	16.9	96.5	12.6
Massachusetts	92.4	40.8	77.1	25.8	90.4	34.7	72.0	39.3
Michigan	71.1	14.2	64.9	9.4	68.9	12.0	62.6	7.4
Minnesota	93.0	30.7	95.9	40.5	95.0	33.9	95.4	27.1
Mississippi	92.1	41.6	91.9	31.5	90.2	37.9	89.9	40.5
Missouri	85.5	21.7	76.4	15.6	81.0	15.4	75.7	11.3
Montana	93.0	4.9	91.8	4.0	93.1	5.7	91.2	3.8
Nebraska	80.0	26.9	80.4	23.7	76.8	24.6	66.2	18.9
Nevada	82.1	10.5	83.1	8.7	81.8	10.6	77.5	8.9
New Hampshire	100.0	66.2	100.0	93.4	100.0	69.3	100.0	78.2
New Jersey	93.1	43.7	92.0	58.5	92.4	45.6	90.1	42.0
New Mexico	54.0	1.6	57.0	4.7	63.4	6.3	58.9	6.2
New York	79.8	17.5	71.5	15.0	82.1	22.7	78.3	19.4
North Carolina	95.6	45.7	94.0	56.1	99.3	63.4	93.2	49.3
North Dakota	84.2	25.0	79.7	26.0	76.8	31.5	82.2	24.2
Ohio	80.9	8.1	81.5	8.8	81.4	8.2	78.7	6.9
Oklahoma	91.4	17.5	85.7	23.6	88.7	20.0	81.6	21.1
Oregon	98.5	28.4	98.1	31.5	98.6	30.7	97.8	29.6
Pennsylvania	74.1	19.1	73.6	17.9	71.2	17.9	67.7	14.2
Rhode Island	100.0	38.1	100.0	52.1	100.0	52.7	100.0	59.0
South Carolina	97.4	76.2	98.1	76.7	99.9	84.7	95.6	83.4
South Dakota	92.1	38.2	89.1	37.4	92.1	39.6	88.4	41.0
Tennessee	94.6	35.8	75.4	29.0	91.3	35.3	90.0	32.9
Texas	72.3	27.0	73.0	25.3	73.2	25.5	55.8	23.8
Utah	85.6	10.8	83.3	11.8	85.9	11.3	83.9	18.3
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.4	16.1	85.5	5.5	83.9	6.2	76.5	5.4
Washington	94.2	38.0	95.4	41.6	94.7	39.0	94.2	36.7
West Virginia	53.2	12.5	53.7	8.5	51.5	8.7	41.7	7.5
Wisconsin	94.5	52.7	88.6	49.9	74.5	61.8	90.1	48.9
Wyoming	89.9	0.9	97.5	1.8	97.9	1.7	97.5	2.1
Total	75.9	23.4	73.4	22.1	76.7	22.1	70.8	20.9

See footnotes at end of table.

Table 28. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1993-1995 — Continued

State	1994							
	October		September		August		July	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	64.5	20.2	58.8	18.4	66.5	17.7	69.8	20.3
Alaska	100.0	58.9	100.0	49.2	100.0	46.7	100.0	45.3
Arizona	90.2	34.0	89.0	34.9	86.0	30.3	86.9	29.6
Arkansas	94.7	14.6	96.1	13.6	93.6	12.8	93.5	12.1
California	51.7	17.9	45.5	17.7	45.8	18.5	35.9	13.6
Colorado	91.8	29.4	93.2	25.6	91.8	28.1	91.5	27.2
Connecticut	69.2	91.5	58.6	82.3	61.5	80.1	62.8	96.9
Delaware	100.0	70.1	100.0	65.6	100.0	63.0	100.0	66.0
District of Columbia	72.6	—	73.9	—	88.8	—	77.2	—
Florida	97.5	11.8	98.2	11.1	98.1	11.5	97.9	10.9
Georgia	87.6	28.9	84.9	28.0	87.9	27.6	86.7	30.5
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	79.2	2.5	72.6	4.9	79.9	3.2	84.0	3.6
Illinois	46.4	9.0	38.7	6.4	35.4	5.2	35.2	5.9
Indiana	78.8	10.2	74.3	8.2	71.3	8.1	74.7	7.9
Iowa	85.3	18.2	79.6	9.3	79.1	8.7	80.4	7.4
Kansas	76.3	9.6	70.9	8.1	70.5	9.0	70.0	10.0
Kentucky	86.9	21.9	82.5	21.6	82.7	21.6	82.2	29.9
Louisiana	98.0	25.2	98.2	25.2	92.9	24.9	93.5	25.3
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	96.2	6.5	95.2	6.6	94.1	10.1	95.2	9.6
Massachusetts	69.3	41.3	62.0	36.4	71.6	35.5	67.2	32.6
Michigan	54.5	5.1	44.5	3.6	41.4	4.5	40.8	4.7
Minnesota	91.9	20.1	89.6	35.3	91.6	38.5	96.9	41.2
Mississippi	89.0	39.8	90.6	39.7	90.6	40.1	93.5	38.0
Missouri	68.7	10.3	66.7	11.4	68.5	14.4	68.7	14.4
Montana	89.0	3.7	87.6	2.1	87.9	2.1	88.7	2.5
Nebraska	62.1	24.1	66.6	19.9	79.9	21.6	77.4	17.4
Nevada	74.7	6.9	77.1	6.5	75.3	6.0	77.1	7.2
New Hampshire	100.0	81.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	88.5	42.2	84.3	41.4	82.9	43.8	82.1	45.1
New Mexico	54.9	5.4	49.3	5.1	39.1	7.7	54.9	6.6
New York	76.6	16.1	75.3	15.1	73.7	13.2	68.3	17.7
North Carolina	86.3	37.2	86.7	35.9	89.1	44.0	90.7	49.3
North Dakota	64.1	12.9	61.9	11.3	63.3	19.6	66.3	23.3
Ohio	75.1	5.5	66.5	5.0	67.5	6.3	66.8	6.2
Oklahoma	73.7	19.8	71.4	28.1	68.9	21.1	69.8	27.1
Oregon	97.0	27.7	97.9	27.3	97.7	30.6	98.1	29.3
Pennsylvania	61.6	13.8	67.1	13.8	70.4	15.3	66.2	15.8
Rhode Island	100.0	54.4	100.0	48.7	100.0	53.0	100.0	42.1
South Carolina	94.9	83.9	94.5	80.6	95.0	82.0	96.5	81.3
South Dakota	83.4	33.4	79.0	26.9	82.0	25.6	72.7	35.2
Tennessee	86.0	31.6	87.2	41.8	75.5	29.8	84.6	31.3
Texas	50.5	24.9	62.7	19.1	61.6	24.0	72.8	25.5
Utah	83.8	16.9	79.9	12.8	79.1	12.3	76.6	11.2
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	85.9	4.1	69.4	3.1	69.5	4.8	79.9	3.6
Washington	93.9	38.4	94.5	38.0	91.9	39.9	92.5	37.7
West Virginia	44.1	7.7	46.7	7.1	41.0	7.3	46.2	7.4
Wisconsin	84.3	45.3	79.6	44.4	78.5	41.3	73.2	44.1
Wyoming	97.1	1.3	95.7	1.7	94.7	2.7	95.7	2.1
Total	67.7	21.0	65.9	19.5	66.0	20.6	63.4	20.9

See footnotes at end of table.

Table 28. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1993-1995 — Continued

State	1994							
	June		May		April		March	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	71.8	17.9	73.5	18.2	79.3	19.0	80.5	18.8
Alaska	100.0	42.2	100.0	60.2	100.0	61.7	100.0	55.8
Arizona	88.1	30.9	90.3	29.2	89.7	31.9	91.6	28.3
Arkansas	90.7	12.7	90.1	13.6	94.2	14.5	94.8	12.8
California	31.7	18.7	46.9	19.7	40.0	25.2	50.1	15.7
Colorado	94.4	24.4	95.5	15.6	95.1	29.4	95.9	32.8
Connecticut	68.2	90.6	74.6	98.0	89.0	94.3	88.5	97.7
Delaware	100.0	71.2	100.0	66.4	100.0	54.4	100.0	64.5
District of Columbia	94.5	—	95.8	—	98.8	—	100.0	—
Florida	98.0	15.9	97.1	22.3	98.0	15.0	97.4	15.1
Georgia	85.5	30.4	88.3	30.1	89.4	29.4	91.6	32.4
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	82.5	3.0	83.0	2.6	85.7	2.5	88.0	2.4
Illinois	36.9	6.2	45.5	6.4	48.9	9.3	57.0	15.3
Indiana	72.4	9.2	80.6	9.4	84.2	12.9	89.4	16.8
Iowa	83.3	9.6	87.3	8.9	90.0	7.9	90.7	12.8
Kansas	69.3	3.8	68.9	6.9	74.4	4.5	81.6	2.5
Kentucky	84.7	25.1	87.5	34.2	91.6	31.4	94.2	38.0
Louisiana	98.4	23.9	97.8	26.1	97.8	26.5	97.9	25.5
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	95.4	11.8	95.8	6.8	95.8	25.7	98.2	30.8
Massachusetts	73.9	33.6	77.1	40.0	98.5	37.4	80.4	36.1
Michigan	44.8	4.6	59.3	7.2	65.5	11.0	70.1	13.7
Minnesota	91.0	36.0	98.4	36.7	96.7	43.9	97.2	56.5
Mississippi	93.0	27.5	93.8	24.5	92.8	31.8	92.5	34.1
Missouri	73.7	16.3	77.8	16.8	84.2	21.0	86.8	22.2
Montana	89.7	2.6	91.9	3.2	91.8	3.9	92.7	5.2
Nebraska	75.8	18.9	82.3	20.9	84.2	20.7	87.3	25.5
Nevada	80.2	8.7	80.8	8.0	82.0	8.9	86.6	8.9
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	85.8	42.3	87.9	47.1	90.3	40.5	96.4	56.9
New Mexico	48.9	1.8	49.0	5.0	56.3	1.8	59.4	2.2
New York	73.5	13.1	73.7	14.6	77.9	20.5	83.5	27.8
North Carolina	90.9	53.0	93.1	50.8	94.6	53.4	93.9	81.1
North Dakota	69.8	20.2	78.5	23.8	82.2	30.2	83.1	29.5
Ohio	70.6	6.6	75.9	7.4	78.4	9.9	84.9	11.2
Oklahoma	77.4	21.2	85.2	23.1	87.2	27.1	91.3	25.7
Oregon	97.7	29.8	97.6	30.8	97.4	30.5	98.3	35.5
Pennsylvania	70.0	15.4	70.9	16.9	73.1	17.3	76.6	22.7
Rhode Island	100.0	52.6	100.0	65.0	100.0	70.0	100.0	53.4
South Carolina	98.1	82.5	97.4	71.0	97.6	68.2	100.0	63.2
South Dakota	74.7	27.9	84.8	32.1	88.4	41.9	92.6	40.4
Tennessee	87.2	33.2	86.4	29.2	91.5	30.7	97.4	42.9
Texas	60.5	24.1	49.4	27.2	64.0	28.3	64.6	29.2
Utah	78.4	10.9	77.8	11.3	82.5	8.2	83.0	9.7
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	73.5	3.1	82.8	8.9	80.2	12.1	91.2	12.9
Washington	92.2	38.9	92.2	49.1	97.4	40.9	97.6	47.0
West Virginia	43.4	8.5	54.6	8.9	53.1	7.5	57.0	8.3
Wisconsin	82.7	41.1	85.8	43.2	93.8	48.2	95.4	56.4
Wyoming	94.5	1.8	96.9	1.7	98.2	1.6	98.0	1.8
Total	65.2	20.6	68.5	21.9	73.5	23.3	77.1	24.3

See footnotes at end of table.

Table 28. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1993-1995 — Continued

State	1994				1993			
	February		January		Total		December	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	84.8	23.3	82.8	21.1	80.8	27.5	79.2	26.8
Alaska	100.0	75.6	100.0	61.2	100.0	70.6	100.0	70.1
Arizona	73.5	3.5	94.0	24.8	91.5	25.0	92.4	26.8
Arkansas	95.4	18.2	93.2	13.7	91.8	14.0	98.7	14.0
California	46.5	26.3	50.8	24.1	76.9	26.3	78.7	24.7
Colorado	96.3	28.9	96.2	29.6	95.5	35.6	95.9	37.3
Connecticut	90.8	98.1	89.4	98.5	98.1	72.4	100.0	76.2
Delaware	100.0	70.5	100.0	68.6	100.0	74.7	100.0	74.2
District of Columbia	99.8	—	99.9	—	98.0	—	97.1	—
Florida	96.9	14.9	96.7	16.3	97.8	26.9	97.0	18.9
Georgia	94.4	36.6	96.7	41.7	90.5	32.8	93.0	36.8
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	88.5	3.1	87.7	2.3	86.8	0.3	87.8	3.4
Illinois	59.2	17.3	58.1	16.6	55.3	13.1	56.0	14.2
Indiana	95.2	23.1	89.3	18.7	95.2	20.1	96.0	18.8
Iowa	94.0	13.4	92.5	14.0	94.7	14.6	93.2	12.3
Kansas	85.0	5.7	81.5	6.2	82.6	13.0	79.9	9.6
Kentucky	95.6	50.6	93.3	27.0	92.6	30.1	95.4	30.7
Louisiana	98.0	23.5	97.5	22.8	98.1	31.1	97.5	30.5
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	98.3	36.8	98.1	19.6	96.6	20.2	98.1	34.4
Massachusetts	91.9	39.3	99.3	39.5	97.5	40.7	97.8	32.7
Michigan	70.8	15.6	73.0	14.5	68.6	11.8	73.1	15.6
Minnesota	97.4	57.0	97.3	60.9	97.0	43.4	99.1	52.5
Mississippi	93.2	33.0	91.9	32.8	96.6	39.6	96.5	34.2
Missouri	86.4	21.3	88.1	28.0	84.6	23.6	85.9	28.5
Montana	93.1	6.6	92.8	4.9	93.2	10.1	93.4	6.8
Nebraska	90.1	35.3	89.3	34.4	91.0	27.4	92.0	28.7
Nevada	89.7	12.8	94.0	11.2	92.7	17.1	93.4	13.0
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	96.4	65.2	95.1	64.7	91.6	55.9	93.8	55.7
New Mexico	63.6	6.4	61.8	1.4	62.5	5.4	66.1	10.0
New York	83.6	34.0	84.0	29.7	77.2	24.1	77.2	28.2
North Carolina	95.7	84.2	96.4	83.9	98.5	78.3	100.0	87.1
North Dakota	86.9	37.6	82.7	36.1	72.7	25.0	78.8	35.6
Ohio	86.5	14.3	87.4	13.1	84.6	10.2	86.2	9.0
Oklahoma	92.2	25.2	88.4	24.0	90.0	30.4	91.8	26.9
Oregon	98.6	39.0	98.5	37.3	97.9	28.1	98.2	36.4
Pennsylvania	79.8	25.9	78.9	23.4	77.4	24.2	77.0	22.8
Rhode Island	100.0	42.1	100.0	34.4	100.0	50.7	100.0	42.7
South Carolina	100.0	64.7	100.0	67.4	98.8	64.9	100.0	62.2
South Dakota	92.3	50.1	92.9	43.7	83.9	51.2	91.2	35.1
Tennessee	98.2	44.3	96.6	34.9	95.8	46.3	98.9	50.8
Texas	60.6	28.3	63.2	24.4	83.8	32.2	84.2	33.2
Utah	85.3	9.2	83.9	8.8	100.0	6.9	100.0	4.9
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	96.6	13.4	94.4	14.8	88.8	30.9	93.2	55.8
Washington	97.6	48.8	97.7	47.2	93.9	41.3	98.0	39.5
West Virginia	60.8	11.9	64.7	10.0	54.3	20.6	60.1	23.1
Wisconsin	95.6	56.3	94.7	55.5	94.4	45.6	96.0	55.0
Wyoming	97.4	1.6	98.7	1.6	98.0	2.4	99.0	1.7
Total	78.0	25.8	78.0	23.9	83.9	29.8	85.1	29.6

See footnotes at end of table.

Table 28. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1993-1995 — Continued

State	1993							
	November		October		September		August	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	74.7	26.5	71.3	26.3	74.4	26.0	74.0	26.1
Alaska	100.0	71.2	100.0	54.8	100.0	68.6	100.0	61.4
Arizona	90.7	24.0	92.1	22.9	90.2	22.8	89.6	24.6
Arkansas	92.7	15.0	87.8	13.7	85.7	12.9	84.7	13.3
California	75.7	23.0	73.8	30.5	70.6	26.6	70.3	23.4
Colorado	94.1	27.5	90.5	28.6	95.2	37.6	93.1	36.8
Connecticut	100.0	79.9	100.0	78.1	99.6	73.2	98.4	68.0
Delaware	100.0	74.6	100.0	76.6	100.0	79.2	100.0	78.1
District of Columbia	95.9	—	92.6	—	90.1	—	88.4	—
Florida	97.3	17.7	98.2	18.8	98.4	23.8	98.3	19.8
Georgia	91.2	32.7	86.0	26.5	85.6	24.3	84.9	29.6
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	81.5	—	77.7	—	79.2	—	81.3	—
Illinois	53.7	12.4	50.2	9.7	50.0	8.0	38.3	6.7
Indiana	92.2	18.7	90.7	14.8	92.9	12.8	91.1	15.5
Iowa	95.2	21.7	92.8	17.9	88.9	11.1	88.3	10.9
Kansas	75.5	11.7	72.2	11.4	81.3	16.9	86.3	20.8
Kentucky	94.5	27.9	88.5	28.5	88.1	30.1	81.6	20.4
Louisiana	97.1	31.7	98.2	30.4	98.8	28.7	98.8	30.6
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	97.1	21.3	95.4	20.6	93.4	12.7	93.4	11.2
Massachusetts	97.0	37.8	96.7	38.6	97.5	33.0	89.2	35.1
Michigan	68.2	12.5	63.1	8.1	50.9	6.6	54.4	4.6
Minnesota	96.5	35.8	95.3	40.5	96.2	41.7	87.1	28.9
Mississippi	96.1	33.8	95.4	36.1	95.5	38.5	95.7	39.0
Missouri	82.3	24.0	73.4	18.8	74.3	20.0	69.2	16.2
Montana	91.5	6.8	88.8	4.7	87.5	4.0	91.2	8.2
Nebraska	84.8	26.8	85.2	25.3	82.9	19.4	87.8	27.3
Nevada	90.9	19.0	89.7	15.7	89.6	16.2	86.7	16.4
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	92.4	55.1	90.0	59.7	84.6	54.3	79.8	52.2
New Mexico	64.9	8.9	68.0	5.0	41.6	1.1	55.4	9.4
New York	77.9	25.1	74.1	21.2	72.8	18.6	72.1	16.5
North Carolina	96.1	81.4	89.7	58.6	99.7	71.4	95.2	54.8
North Dakota	74.3	27.8	56.0	23.3	53.5	17.1	54.0	14.9
Ohio	84.5	11.8	82.8	8.4	72.6	7.6	69.4	6.2
Oklahoma	91.5	27.6	83.2	26.9	83.4	25.8	82.3	32.0
Oregon	96.5	34.1	93.6	32.0	97.3	30.4	97.5	29.3
Pennsylvania	75.9	23.4	76.5	19.4	70.3	21.2	69.7	20.3
Rhode Island	100.0	44.5	100.0	54.2	100.0	54.8	100.0	46.5
South Carolina	100.0	64.7	92.6	60.4	100.0	62.1	91.6	62.6
South Dakota	90.0	48.3	78.7	60.3	75.8	51.2	72.9	45.5
Tennessee	94.7	47.6	92.3	40.9	91.4	41.8	91.1	40.0
Texas	84.2	33.7	81.1	31.1	80.7	28.1	85.1	32.3
Utah	100.0	7.0	100.0	7.3	100.0	8.5	100.0	8.5
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	88.8	44.3	79.8	32.5	85.9	33.9	77.2	22.6
Washington	97.4	43.6	94.8	37.4	90.7	36.0	90.4	33.8
West Virginia	54.9	21.0	46.8	21.2	33.0	21.8	30.6	18.0
Wisconsin	95.2	51.4	92.6	43.7	90.0	41.7	88.5	37.5
Wyoming	97.2	1.8	97.1	1.6	95.0	1.3	96.5	1.5
Total	83.0	29.9	79.9	28.2	78.4	27.1	78.3	27.6

^R = Revised Data.

NA = Not Available.

— = Not Applicable.

Notes: Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and industrial sectors. This information may be helpful in evaluating commercial and industrial price data which are based on sales data only. See Appendix C, Statistical Considerations, for a discussion of the computation of natural gas prices.

Source: Form EIA-857.

Figure 6. Percentage of Total Deliveries Represented by Onsystem Sales, 1991-1995

Source: Form EIA-857.

Appendix A

Explanatory Notes

Appendix A

Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly*. These data are preliminary when initially published. Some of these monthly data are estimates

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

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

Components	Reporting Methodology
Supply and Disposition	
Marketed Production	Reported on Form EIA-895 and Estimated from Historical Data
Extraction Loss	Derived from Marketed Production
Dry Production	Marketed Production minus Extraction Loss
Withdrawals from Storage	Reported on Form EIA-191
Supplemental Gaseous Fuels	Derived from Supply Estimates and Coal Gasification Information
Imports	Estimated from National Energy Board of Canada Information and Liquefied Natural Gas Information
Additions to Storage	Reported on Form EIA-191
Exports	Estimated from Industry Trends and Liquefied Natural Gas Information
Current-Month Consumption	Estimated from Historical Month-to-Month Percent Changes
Prior-Month Consumption	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline Fuel	Derived from Estimates for Lease and Plant Fuel and Deliveries to Consumers
Residential	Estimated from Reports to the Sample Survey Form EIA-857
Commercial	Estimated from Reports to the Sample Survey Form EIA-857
Industrial	Estimated from Reports to the Sample Survey Form EIA-857
Electric Utilities	Reported on Form EIA-759

Note 1. Nonhydrocarbon Gases Removed

Annual Data

Data on nonhydrocarbon gases removed from marketed production—carbon dioxide, helium, hydrogen sulfide, and nitrogen—are reported by State agencies on the voluntary Form EIA-627. For 1993, of the 33 producing States, 22 reported data on nonhydrocarbon gases removed. The 22 States accounted for 61 percent of total 1991 gross withdrawals. Of the 23 States reporting nonhydrocarbon gases removed, 12 reported zero values: Alaska, Arizona, Arkansas, Colorado, Illinois, Maryland, Missouri, Nevada, New York, Oregon, South Dakota, and Virginia. The ten States reporting volumes greater than zero are Alabama, California, Florida, Kentucky, Mississippi, Nebraska, New Mexico, North Dakota, Texas, and Wyoming. In addition, Kansas, Louisiana, Montana, and Oklahoma, which together accounted for 35 percent of gross withdrawals, did not report nonhydrocarbon gases removed separately. However, their gross withdrawal data excluded all or most of the nonhydrocarbon gases removed on leases. No estimates are made for States not reporting nonhydrocarbon gases removed.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. Three States report monthly data on nonhydrocarbon gases removed: Alabama, Texas, and Mississippi. Monthly data for California, Colorado, Florida, New Mexico, North Dakota, and Wyoming are estimated based on annual data reported on Form EIA-627. Nonhydrocarbon gases as an annual percentage of gross withdrawals reported by each of the six States is applied to each State's monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

Final Monthly Data

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

For States not supplying monthly data on the EIA-627, final monthly data are calculated by proportionally allocating the differences between total annual data reported on the Form EIA-627 and the sum of monthly data (January-December).

Note 2. Supplemental Gaseous Fuels

Annual Data

Annual data are published from Form EIA-176.

Preliminary Monthly Data

All monthly data are considered preliminary until after the publication of the *Natural Gas Annual* for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the revised monthly sum of these three elements to compute final monthly data.

Note 3. Production

Annual Data

Natural gas production data are collected from 33 gas-producing States on Form EIA-627 which includes gross withdrawals, vented and flared, repressuring, nonhydrocarbon gases removed, fuel used on leases, marketed production (wet), and extraction loss. The U.S. Minerals Management Service (MMS) also supplies data on the quantity and value of natural gas production on the Gulf of Mexico and Outer Continental Shelf. No adjustments are made to the data.

Estimated Monthly Data

State marketed production data for a particular month are estimated if data are unavailable at the time of publication. The data are estimated based on final monthly data reported on the Form EIA-627 for the previous year.

Estimates for total U.S. marketed production are based on final monthly data reported on the Form EIA-627 for the previous year. State estimates for non-hydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the EIA-627. These ratios are applied to the month's estimates for gross withdrawals to calculate figures for non-hydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Estimates for gross withdrawal data are calculated from final monthly data filed on Form EIA-627 for the previous year.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. Preliminary monthly data are published from reports from the Form EIA-895 and the MMS. Volumetric data are converted, as necessary, to a standard 14.73 psia pressure base. Data are revised as Table 7 monthly data are updated.

Final Monthly Data

Final monthly data for 1992 and 1993 are the sums of monthly data reported on the annual Form EIA-627, "Annual Quantity and Value of Natural Gas Report." For prior years, the differences between each State's annual production data reported on the EIA-627 and the sum of its monthly IOGCC reports for the year were allocated proportionally to the monthly IOGCC data.

Note 4. Imports and Exports

Annual Data and Final Monthly Data

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

Preliminary Monthly Data - Imports

Preliminary monthly import data are based on data from the National Energy Board of Canada and responses to informal industry contacts and EIA estimates. Preliminary data are revised after the publication of the article "U.S. Imports and Exports of Natural Gas" for the calendar year.

Preliminary Monthly Data - Exports

Preliminary monthly export data are based on historical data from the Form FPC-14, informal industry contacts, and information gathered from natural gas industry trade publications. Preliminary monthly data are revised after publication of "U.S. Imports and Exports of Natural Gas" for the calendar year in which the report month falls.

Note 5. Consumption

All Annual Data

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

Monthly Data

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

Total Consumption

Preliminary Monthly Data

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

Final Monthly Data

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

Residential, Commercial, and Industrial Sector Consumption

Preliminary Monthly Data

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

Average Price of Deliveries to Consumers

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

Final Monthly Data

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

Electric Utility Sector Consumption

All Monthly Data

Monthly data published are from Form EIA-759.

Pipeline Fuel Consumption

Preliminary Monthly Data

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

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are based on the revised annual ratio of pipeline fuel consumption

to total consumption from the Form EIA-176. This ratio is applied to each month's revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

Lease and Plant Fuel Consumption

Preliminary Monthly Data

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

Final Monthly Data

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

Note 6. Extraction Loss

Annual Data

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

Preliminary Monthly Data

Preliminary data are estimated based on extraction loss as an annual percentage of marketed production. This percentage is applied to each month's marketed production to estimate monthly extraction loss.

Final Monthly Data

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

Note 7. Natural Gas Storage

Underground Natural Gas Storage

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

Underground and Liquefied Natural Gas Storage

The final monthly and annual storage and withdrawal data for 1988 through 1993 shown in Table 2 include both underground and liquefied natural gas (LNG) storage. Underground storage data are obtained from the EIA-191 and EIA-176 surveys in the manner described earlier. Annual data on LNG additions and withdrawals are taken from Form EIA-176. Monthly data are estimated by computing the ratio of each month's underground storage additions and withdrawals to annual underground storage additions and withdrawals and applying it to annual LNG data.

Note 8. Average Wellhead Value

Annual Data

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

Initial Monthly Data

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

Preliminary Monthly Data

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

Final Monthly Data

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

Note 9. Financial Data of Major Interstate Pipeline Companies

The prices in Table 4 for imports and purchases from producers by major interstate pipeline companies, and all data in Tables 8 through 12 are derived from Form FERC-11. Form FERC-11 is filed monthly by the approximately 51 major interstate natural gas pipeline companies. A major pipeline company is defined as one "whose combined sales for resale, and gas transported interstate or stored for a fee exceeded 50 billion cubic feet in the previous calendar year."

Data reported by the major interstate pipeline companies on Form FERC-11 generally reflect the timing of data entry, revision, and/or reclassification of accounts in the companies' accounting records in accordance with the FERC regulations and regulatory filings. Certain data may also be estimated. Consequently, the data reported and shown in Tables 8 through 12 for any given month may include or reflect out-of-period dollar or volume adjustments, restatements or revisions, or account reclassifications. The dollar amounts reported as paid or received and volumes reported as delivered or received may also include amounts paid, delivered, or received under contractual provisions such as prepayment, take-or-pay, minimum take, or minimum bill provisions. Unless otherwise footnoted, the individual data items, computed averages, and aggregated totals shown include the effect of any and all such adjustments, revisions, estimates, reclassifications, and/or contractual provisions. Average prices are not reported on the FERC-11. The averages shown are computed by dividing the total dollars reported for the particular item by the total volume reported for the same item.

Final Monthly Data

Final revisions for the prior year's data are made upon receipt of the current data which will indicate any revisions. Revisions are made on a month by month basis.

Note 10. Balancing Item

The "balancing item" category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data reporting problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying

temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of

variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents.

Annual Data

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

Preliminary Monthly Data

Preliminary monthly data in the "balancing item" category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total supply/disposition.

Note 11. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day data bases maintained by the National Oceanic and Atmospheric Administration. The information published in the EIA Natural Gas Monthly is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the country. The temperature information recorded at these weather stations is used to calculate Statewide degree-day averages weighted by gas home customers. The State figures are then aggregated into Census Divisions and into the national average.

Appendix B

Data Sources

Data Sources

The data in this publication are taken from survey reports authorized by the U.S. Department of Energy (DOE), Energy Information Administration (EIA) and by the Federal Energy Regulatory Commission (FERC). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The EIA conducts and processes some of the surveys authorized by the FERC.

Data are collected from two annual surveys and five monthly surveys. Filings with the FERC also provide sources of data for this publication.

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

The monthly reports include three surveys of the natural gas industry and two surveys of the electric utility industry. The natural gas industry survey is the Form EIA-191 filed by companies that operate underground storage facilities, the Form FERC-11 filed by major interstate natural gas pipeline companies, and the Form EIA-857 filed by a sample of companies that deliver natural gas to consumers. The electric utility industry surveys are the Form EIA-759 filed by all generating electric utilities and the Form FERC-423 filed by fossil fueled plants. Responses to these five monthly surveys are mandatory.

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

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

Survey Design

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

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

In 1988, the Form EIA-176 was revised to include data collection for deliveries of natural gas to commercial and industrial consumers for the account of others. A short version of Form EIA-176 was also approved in 1988. Companies engaged in purchase and delivery activities but not in transportation and storage activities may file the short form. Usually, these companies are municipals handling small volumes of gas. In 1990, the Form EIA-176 was revised to include more detailed information for gas withdrawn from storage facilities, gas added to storage facilities, deliveries of company-owned natural gas and natural gas transported for the account of others. The revised form was approved for use beginning with report year 1990.

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

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

Survey Universe and Response Statistics

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies, investor and municipally owned natural gas distributors, underground natural gas storage operators, synthetic natural gas plant operators, and field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities) and/or that transport gas to, across, or from a State border through field or gathering facilities.

Each company and its parent company or subsidiaries were required to file if they met the survey specifications. The original mailing in 1994 for report year 1993 totaled 2,065 questionnaire packages. To this original mailing, 7 names were added and 72 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 2,039 responses from approximately 1,800 companies.

Following the original mailing, second request mailing, and nonrespondents followup, 2,014 responses were entered into the data base, and there were twenty-five nonrespondents.

Summary of Form EIA-176 Data Reporting Requirements

The EIA-176 is a multiline schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents file completed forms with EIA in Wash-

ington, DC. Data for the report year are due by April 1 of the following year. Extensions of the filing deadline for up to 45 days are granted to any respondent on request.

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

Routine Form EIA-176 Edit Checks

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

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

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

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

Other EIA Publications Referencing Form EIA-176

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

Form EIA-627, "Annual Quantity and Value of Natural Gas Report"

Survey Design

Beginning with 1980, natural gas production data previously obtained on an informal basis from State conservation agencies were collected on Form EIA-627. This form was designed by EIA to collect annual natural gas production data from the appropriate State agencies under a standard data reporting system within the limits imposed by the diversity of data collection systems of the various producing States. The form was redesigned in 1990 to collect monthly breakdowns of all annual data elements. Data are not considered proprietary. It was also designed to avoid duplication of effort in collecting production and value data by producing States and to avoid an unnecessary respondent burden on gas and oil well operators. In 1993, value and associated volume of marketed production by month was added to the EIA-627.

Survey Universe and Response Statistics

Form EIA-627 is mailed to energy or conservation agencies in all 33 natural gas producing States. All producing States participate voluntarily in the EIA-627 survey by filing the completed form or by responding to telephone contacts. For 1993, data on the quantities of nonhydrocarbon gases removed were reported by the appropriate agencies of 22 of the 33 States. These 23 States accounted for 61 percent of total 1993 gross withdrawals. In addition, gross withdrawal data from Kansas, Oklahoma, Louisiana, and Montana, which together accounted for 35 percent of total production, excluded all or most of the nonhydrocarbon gases removed on leases.

Summary of Form EIA-627 Data Reporting Requirements

Form EIA-627 is a multipart annual form that collects data on the monthly and annual production volume of natural gas (including gross withdrawals from both gas and oil wells); volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on leases; marketed production; the value of marketed production; and the number of producing gas wells.

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

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

Routine Form EIA-627 Edit Checks

Each filing of Form EIA-627 is manually checked for reasonableness and mathematical accuracy. Information on the forms is compared to totals of monthly data reported to the Interstate Oil and Gas Compact Commission (see Appendix B, "Data Sources"). Volumes are converted, as necessary, to a standard 14.73 psia pressure base. Reasonableness of data is assessed by comparing reported data to the previous year's data. State agencies are contacted by telephone to correct errors. Amended filings or resubmissions are not a requirement, since participation in the survey is voluntary.

Other EIA Publications Referencing Form EIA-627

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

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

Survey Design

Data collection on the Form EIA-895 began in January 1995. This form was designed to replace the Interstate Oil and Gas Compact Commission (IOGCC) form, "Monthly Report of Natural Gas Production." In 1994, the IOGCC decided to discontinue collection of their form. All gas producing States are requested to report on the Form EIA-895; a voluntary report. Data are reported by State agencies. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the States. Data are not considered proprietary.

Survey Universe and Response Statistics

Reports on State production are due 20 days after the end of the report month. (In most cases, the data are not available to the States until after this time period. Therefore, States are requested to send the report within 80 days after the end of the report month.)

Summary of Data Requirements

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

Routine Edit Checks

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

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

Survey Design

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

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

Survey Universe and Response Statistics

The 100 companies that operate underground facilities will file the new Form EIA-191. Of these companies, 42 are subject to the jurisdiction of FERC and are required to report data on Form FERC-8.

The response rate as of the filing deadline is approximately 20 percent. Data from the remaining 80 percent of respondents are received in writing and/or by telephone within 3 to 4 days after the filing deadline. All data supplied by telephone are subsequently filed in writing, generally within 15 days of the filing deadline. The final response rate is 100 percent.

Summary of EIA-191 Data Reporting Requirements

The EIA-191 monthly schedule contains current month and prior month's data on the total quantities of gas in storage, injections and withdrawals, the location (including State and county, field, reservoir) and peak day withdrawals during the reporting period. Prior month's data are required only when data are revised. Information on co-owners of storage fields has been eliminated. The annual schedule contains type of facility, storage field capacity, maximum deliverability and pipelines to which each field is connected. The annual schedule is filed with the January submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the first day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are reflected in the prior month section of the monthly form. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

Routine Form EIA-191 Edit Checks

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

Other EIA Publications Referencing Form EIA-191

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

Form FERC-11, "Natural Gas Pipeline Company Monthly Statement"

Survey Design

The collection of monthly data from major pipeline companies was begun in December 1964 by the Federal Power Commission (FPC). On October 1, 1977, FPC ceased to exist, and its functions and regulatory responsibilities were transferred to the Secretary of Energy and to the Federal Energy Regulatory Commission (FERC), an independent commission within the Department of Energy.

Information collected on Form FERC-11 is used by FERC in carrying out its regulatory authority. Form FERC-11 is a monthly regulatory reporting form rather than one filed for statistical purposes. Data are not considered proprietary.

Survey Universe and Response Statistics

Form FERC-11 is filed by major interstate natural gas pipeline companies whose combined sales for resale and gas transported interstate or stored for a fee exceeded 50 million cubic feet in the previous calendar year. Approximately 52 pipeline companies report data on Form FERC-11. Natural gas pipeline companies are monitored annually to determine whether each has met the requirements for classification as a major pipeline.

Information is collected monthly by mail. Historically, the response rate has been 100 percent.

Summary of Form FERC-11 Data Requirements

Form FERC-11 requires information on revenues, expenses, and sales data, as well as volumetric data on purchases and production.

Submission of Form FERC-11 is required no later than 40 days after the close of the report month. The form requires reporting of both preliminary data for the report month and final data for the same month in the previous year. All data are reported on an equity basis.

Routine Form FERC-11 Edit Checks

The completed Form FERC-11 is sent on disk along with two facsimiles of the form to FERC. FERC loads these disks on a electronic data file. This file is transmitted to EIA for further processing and editing.

Edit reports are produced of the current file and are reviewed manually. This review is to ensure consistency in reporting within and among utilities in the presentation of current and 12-month financial sales data.

Other EIA Publications Referencing Form FERC-11

The Energy Information Administration publication *Monthly Energy Review* contains data from Form FERC-11.

Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas"

Survey Design

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

Survey Universe and Response Statistics

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

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

Routine Form FPC-14 Edit Checks

Respondents are required to certify the accuracy of all data reported. The survey forms are checked at the EIA for reasonableness and accuracy. If errors are found, the companies are required to file corrected data. The data are processed at the EIA and published as reported. All natural gas volumes in this report are expressed at a pressure base of 14.73 pounds per square inch absolute and temperature of 60 degrees Fahrenheit, except as noted. All import and export prices are in U.S. dollars and, except for LNG exports, are those paid at the U.S. border. LNG export prices are those paid at the point of sale and delivery in Yokohama, Japan.

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

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

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

Survey Design

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

Survey Universe and Response Statistics

A sample of 382 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies, report to the survey. The sample was selected independently for each of the 50 States and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential,

commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 on a monthly basis. Initial response statistics on a monthly basis are as follows: responses received by due date, approximately 50 percent, and responses received after follow-up, 100 percent. Virtually all are received in time for incorporation in the current month's processing cycle. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company's submission is eventually received, the submitted data are used for future processing and revisions.

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

See Appendix C for a discussion of the sample design and estimation procedures.

Summary of Form EIA-857 Data Reporting Requirements

Data collected monthly on the Form EIA-857 on a State level include the volume and cost of purchased gas, the volume and cost of natural gas consumed by sector (residential, commercial, and industrial), and the average heat content of all gas consumed. Respondents file completed forms with EIA in Washington, DC on or before the 30th day after the end of the report month.

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

Routine Form EIA-857 Edit Checks

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

Appendix C

Statistical Considerations

Statistical Considerations

The monthly sales (volume and price) and monthly deliveries (volume) of natural gas to residential, commercial and industrial consumers presented in this report by State are estimated from data reported on the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." (See Appendix B for a description of this Form.) These estimations must be made from the reported data since the Form EIA-857 is a sample survey. A description of the sample design and the estimation procedures is given below.

Sample Design

The Form EIA-857 is a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate companies, and producers, as well as local distribution companies. The survey provides data that are used each month to estimate the volume of natural gas delivered and the price for onsystem sales of natural gas by State to three consumer sectors--residential, commercial, and industrial. Monthly deliveries and prices of natural gas to electric utilities are reported on the Form EIA-759, "Monthly Power Plant Report," and the Form FERC-423, "Monthly Report of Costs and Quality of Fuels for Electric Plants."

Sample Universe. The sample currently in use was selected from a universe of 1,672 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 1992 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

Sampling Plan. The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability proportional to size was designed. The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 1992. There were two strata--companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 390 respondent companies. While some mergers and acquisitions were uncovered as a result of the initial mail-out, all resulted in a substitution of respondent companies rather than a reduction in the number of respondents. The sample for the 1994 survey year contains a total of 390 respondent companies.

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

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

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

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

where:

C_j = cutoff value for consumer sector j ,

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

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

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

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

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

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

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

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

where:

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

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

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

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

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

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

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

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

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

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

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

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

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

Estimation Procedures

Estimates of Volumes. A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector—residential, commercial, and industrial—in each State where companies are sampled.

The following annual data are taken from the most recent 1990 submissions of Form EIA-176:

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

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

where:

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

Y'_{j} = the sum within State of annual gas volumes in consumer sector j for those companies in the sample.

The ratio estimator is applied as follows:

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

where:

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

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

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

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

$$P_j = \frac{R_j}{V'_{j}}$$

where:

P_j = the average price for gas sales within the State in consumer sector j ,

R_j = the reported revenue from natural gas sales within the State in consumer sector j ,

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

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

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

Table 28 shows the percent of the total State volume that represents volumes from natural gas sales to the commercial and industrial sectors. This table may be helpful in evaluating commercial and industrial price data. Virtually all natural gas deliveries to the residential sector represent onsystem sales volumes only.

See the section on consumer price calculations in this Appendix for further price information.

Estimation for Nonrespondents. A volume for each consumer category is imputed for companies that fail to respond. The imputation is based on the previous month's value reported by the non-responding company and the change from the previous month to the current month in volumes reported by other companies in the State. The imputed volumes are included in the State totals. To estimate prices for non-respondents, the unit price (dollars per thousand cubic feet) reported by the company in the previous month is used.

The formula for imputing volumes of gas sales for nonrespondents was:

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

where:

F_t = imputed gas volume for current month t ,

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

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

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

Final Revisions

Adjusting Monthly Data to Annual Data. After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the *Natural Gas Annual*, revisions are made to monthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly* to match them to the annual values appearing in the *Natural Gas Annual*. The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports according to the distribution of the estimated values across the months.

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

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

The formula for revising the estimated consumption is:

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

where:

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

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

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

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

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

The formula for revising the estimated revenue is:

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

where:

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

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

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

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

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

Reliability of Monthly Data

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

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

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

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

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

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

where:

H = the total number of strata

N_h = the total number of companies in stratum h

n_h = the sample size in stratum h

y_i = the reported monthly volume for company i

x_i = the reported annual volume for company i

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

Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, May 1995

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	233	121	1,760	1,780	0.52	0.45	0.49
Alaska	0	0	0	0	—	—	—
Arizona	5	11	0	12	0.06	0.04	—
Arkansas	2	5	17	18	0.01	—	0.01
California	93	218	278	365	0.01	0.06	0.01
Colorado	2,065	443	791	2,255	0.12	0.15	0.30
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	0	0	—	—	—
District of Columbia	0	0	0	0	—	—	—
Florida	715	978	544	1,328	9.16	0.70	0.67
Georgia	1,404	82	730	1,585	0.21	0.24	0.25
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	2,826	386	169	2,857	0.68	0.51	0.82
Indiana	909	93	1,046	1,389	0.24	0.26	0.16
Iowa	35	67	18	78	0.01	0.04	0.32
Kansas	451	33	32,467	32,470	0.08	0.27	3.45
Kentucky	87	92	1,516	1,521	0.08	0.03	0.36
Louisiana	32	186	66,542	66,542	0.03	0.21	0.28
Maine	0	0	0	0	—	—	—
Maryland	4	3	22	22	—	0.01	0.05
Massachusetts	300	554	253	679	0.33	0.14	0.07
Michigan	1,741	880	1,387	2,394	0.17	0.26	0.40
Minnesota	0	0	0	0	—	—	—
Mississippi	142	172	102	245	0.11	0.22	0.11
Missouri	206	42	3,803	3,809	0.08	0.13	0.15
Montana	3	6	0	7	—	0.01	—
Nebraska	24	60	177	188	0.15	0.18	0.33
Nevada	0	0	0	0	—	—	—
New Hampshire	0	0	0	0	—	—	—
New Jersey	0	0	0	0	—	—	—
New Mexico	32	158	0	161	0.08	0.09	—
New York	3,963	NA	4,978	NA	0.34	NA	0.28
North Carolina	3	127	513	528	0.05	0.80	0.13
North Dakota	0	0	0	0	—	—	—
Ohio	1,352	1,141	3,120	3,587	0.11	0.15	0.08
Oklahoma	67	71	23	100	0.30	0.09	0.05
Oregon	0	0	0	0	—	—	—
Pennsylvania	3,218	2,205	8,919	9,735	0.57	1.23	3.45
Rhode Island	NA	NA	NA	NA	NA	NA	NA
South Carolina	129	97	500	526	0.25	0.03	0.21
South Dakota	0	0	0	0	—	—	—
Tennessee	NA	NA	NA	NA	NA	NA	NA
Texas	488	1,403	49,713	49,735	0.40	0.03	0.27
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	2,673	75	1,318	2,982	5.67	0.90	0.84
Washington	0	0	NA	NA	—	—	—
West Virginia	90	160	93	206	0.06	3.29	—
Wisconsin	373	879	1,370	1,671	0.35	0.60	1.02
Wyoming	NA	NA	NA	NA	NA	NA	NA
Total	7,396	3,638	89,982	90,358	0.19	0.15	0.86

NA = Not Available.

— = Not Applicable.

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

Appendix D

Natural Gas Reports and Feature Articles

Appendix D

Natural Gas Reports and Feature Articles

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

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

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

- *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves - 1993 Annual Report*, DOE/EIA-0216(93), October 1994.
- *Monthly Energy Review*, DOE/EIA-0035. Published monthly. Provides national aggregate data for natural gas, natural gas liquids, and other energy sources.
- *Annual Report to Congress 1994*, DOE/EIA-01733(94), April 1995. Published annually.
- *Annual Energy Outlook 1995*, DOE/EIA-0383(95), January 1995. Published annually.
- *Annual Energy Review 1993*, DOE/EIA-0384(93), July 1994. Published annually.
- *Short-Term Energy Outlook*, DOE/EIA-0202. Published quarterly. Provides forecasts for next six quarters for natural gas and other energy sources.

Selected One-Time Natural Gas and Related Reports

- *U.S. Production of Natural Gas from Tight Reservoirs*, DOE/EIA-TR-0574, October 1993.
- *Energy Policy Act Transportation Rate Study*, DOE/EIA-0571, October 1993.
- *Largest U.S. Oil and Gas Fields*, DOE/EIA-TR-0567, August 1993.
- *Natural Gas 1994: Issues and Trends*, DOE/EIA-0560(94), July 1994.
- *Natural Gas Productive Capacity for the Lower 48 States, 1980 through 1995*, DOE/EIA-0542(95), July 1994.
- *Geologic Distributions of U.S. Oil and Gas*, DOE/EIA-0557, July 1992.
- *Capacity and Service on the Interstate Natural Gas Pipeline System 1990*, DOE/EIA-0556, June 1992.
- *The Value of Underground Storage in Today's Natural Gas Industry*, DOE/EIA-0591, March 1995.

Selected and Recurring Natural Gas and Related Data Reference Reports

- *Directory of Energy Data Collection Forms*, DOE/EIA-0249(93), December 1993.
- *Oil and Gas Field Code Master List, 1994*, EIA-0370(93), January 1995.

NGM Feature Articles

March 1992

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

August 1992

U.S. Natural Gas Imports and Exports - 1991

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

November 1992

Natural Gas Futures Contract Market - The First 2 Years

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

December 1992

Three-Dimensional Seismology — A New Perspective

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

Imports of Canadian Gas Under Long-Term Contracts

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

March 1993

Natural Gas 1992: Issues and Trends

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

Natural Gas Productive Capacity

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

April 1993

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

August 1993

U.S. Natural Gas Imports and Exports - 1992

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

October 1993

U.S. Production of Natural Gas from Tight Reservoirs

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

The Expanding Role of Underground Storage

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

January 1994

U.S. Coalbed Methane Production

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

February 1994

Contracting for Natural Gas Supplies

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

May 1994

Opportunities with Fuel Cells

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

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

June 1994

Natural Gas 1994: Issues and Trends - Executive Summary

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

August 1994

U.S. Natural Gas Imports and Exports - 1993

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

March 1995

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

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

June 1995

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

Appendix E

Technical Contacts

Appendix E

Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics:				
Natural Gas Production	1, 2, 3	Monthly:	EIA-895, "Monthly Quantity of Natural Gas Report"	Donna Guerrina (202) 586-6135
		Annual:	EIA-627, "Annual Quantity and Value of Natural Gas Report"	
		Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Extraction Loss	1	Monthly:	EIA computations	Margo Natof (202) 586-6303
		Annual:	Form EIA-816, "Monthly Natural Gas Liquids Report" and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	
Supplemental Gaseous Fuels	2	Monthly:	EIA computations	Donna Guerrina (202) 586-6135
		Annual:	Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	Margo Natof (202) 586-6303
Imports and Exports	2	Monthly:	EIA computations	Norman Crabtree (202) 586-6180
		Annual:	Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas"	
Price:				
City Gate, Residential, Commercial, and Industrial	4	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Imports and Purchases from Producers	4	Monthly:	Form FERC-11, "Natural Gas Pipeline Company Monthly Statement"	James Keeling (202) 586-6107
Wellhead	4	Monthly:	EIA computations	Donna Guerrina (202) 586-6135
		Annual:	Form EIA-627, "Annual Quantity and Value of Natural Gas Report"	
Electric Utility	4	Monthly:	Form FPC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202) 586-4790
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas"	Norman Crabtree (202) 586-6180
Producer Related Activities:				
Natural Gas Production	7	Monthly:	EIA-895, "Monthly Quantity of Natural Gas Report"	Donna Guerrina (202) 586-6135
Interstate Pipeline Activities:	8, 9, 10 11, 12	Monthly:	Form FERC-11, "Natural Gas Pipeline Company Monthly Statement"	James Keeling (202) 586-6107

Underground Storage:	13, 14, 15	Monthly:	Forms FERC-8 and EIA-191, "Underground Gas Storage Report"	Rosemary Jameson (202) 586-6229
	16, 17			
Distribution and Consumption:				
Deliveries to:				
Residential,	18	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Commercial,	19			
Industrial,	20			
Electric Utility,	21		Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	
All Consumers	22			
Average Price to:				
City Gate,	23	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Residential,	24			
Commercial,	25			
Industrial,	26		Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	
Electric Utility	27			
Onsystem Sales	28	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Heating Degree Days	29	Seasonal:	National Oceanic and Atmospheric Administration	Rosemary Jameson (202) 586-6229 Carol Jones (202) 586-6168 Eva Fleming (202) 586-6113
Highlights				
Industry Overview				

Glossary

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

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

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

City-gate: A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption: Gas used by nonmanufacturing organizations such as hotels, restaurants, retail stores, laundries, and other service enterprises, and gas used by local, State, and Federal agencies engaged in nonmanufacturing activities.

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

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

Dry Natural Gas Production: Marketed production less extraction loss.

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

Exports: Natural gas deliveries out of the continental United States and Alaska to foreign countries.

Extraction Loss: The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

Flared: The volume of gas burned in flares on the base site or at gas processing plants.

Gross Withdrawals: Full well stream volume, including all natural gas plant liquid and nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

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

Imports: Natural gas received in the Continental United States (including Alaska) from a foreign country.

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

Industrial Consumption: Natural gas used by manufacturing and mining establishments for heat, power, and chemical feedstock.

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

Intransit Deliveries: Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

Intransit Receipts: Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

Intrastate Companies: Companies not subject to FERC jurisdiction.

Lease and Plant Fuel: Natural gas used in well, field, lease operations and as fuel in natural gas processing plants.

Liquefied Natural Gas (LNG): Natural gas that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

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

Marketed Production: Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations. See Explanatory Note 1 for discussion of coverage of data concerning nonhydrocarbon gases removed.

Native Gas: Gas in place at the time that a reservoir was converted to use as an underground storage reservoir as in contrast to injected gas volumes.

Natural Gas: A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or solution with oil in natural underground reservoirs at reservoir conditions.

Natural Gas Policy Act of 1978 (NGPA): Signed into law on November 9, 1978, the NGPA is a framework for the regulation of most facets of the natural gas industry. See Explanatory Note 10 for a full discussion.

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

Onsystem Sales: Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and/or distribution system operated by the reporting company.

Pipeline Fuel: Gas consumed in the operation of pipelines, primarily in compressors.

Repressuring: The injection of gas into oil or gas formations to effect greater ultimate recovery.

Residential Consumption: Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

Storage Additions: The volume of gas injected or otherwise added to underground natural gas or liquefied natural gas storage during the applicable reporting period.

Storage Withdrawals: Total volume of gas withdrawn from underground storage or liquefied natural gas storage during the applicable reporting period.

Supplemental Gaseous Fuels Supplies: Synthetic natural gas, propane-air, refinery gas, biomass gas, air injected for stabilization of heating content, and manufactured gas commingled and distributed with natural gas.

Synthetic Natural Gas (SNG): A manufactured product chemically similar in most respects to natural gas, that results from the conversion or reforming of petroleum hydrocarbons and may easily be substituted for or interchanged with pipeline quality natural gas.

Therm: One-hundred thousand British thermal units.

Underground Gas Storage Reservoir Capacity: Interstate company reservoir capacities are those certificated by FERC. Independent producer and intrastate company reservoir capacities are reported as developed capacity.

Vented Gas: Gas released into the air on the base site or at processing plants.

Wellhead Price: Represents the wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and compression charges, and State production, severance, and/or similar charges.

Working (Top Storage) Gas: The volume of gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.