

Natural Gas Monthly

September 1995

Energy Information Administration
Office of Oil and Gas
U.S. Department of Energy
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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		
BLS	Bureau of Labor Statistics, U.S. Department of Labor	LNG	Liquefied Natural Gas
		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
		MMS	United States Minerals Management Service, U.S. Department of the Interior
Btu	British Thermal Unit		
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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Overview

The September "Overview" contains three sections. The first section is a "Mid-Year Summary" of the natural gas monthly data. Highlights of current data on natural gas reserves are discussed in the second section. The last section gives an overview of the most recent data contained in this publication.

Mid-Year Summary

This discussion highlights natural gas supply, demand, and price movements for the first half of 1995 compared to the same periods in 1993 and 1994.

During the first half of 1995, total U.S. natural gas production continued its upward trend, although at a slower pace (see Figure O1). To date, 1995 production has increased slightly over 1 percent above 1994 levels (Figure O1).

For the comparable period, production in 1994 increased nearly 4 percent over the 1993 level. Improved technology as well as efficiency improvements are contributing factors to production gains. Texas, Louisiana, and Oklahoma continued to be the leading producers of natural gas during the first 6 months of 1995, providing nearly 70 percent of total marketed production. New Mexico's production, although only 8 percent of total production, has continued the strong growth demonstrated over the last 5 years. New Mexico's 1995 production rose 10 percent from the 1994 level, representing continuous exploitation of the San Juan Basin.

Net imports of natural gas reached 1,359 billion cubic feet in the first half of 1995 and accounted for 12

percent of total consumption during this period. Imports of gas rose 6 percent over year-ago levels in 1994, and 20 percent over 1993 levels. Imports from Canada, the principal supplier of imported gas, climbed 9 percent to 1,348 billion cubic feet. This followed a 12-percent increase from 1993 to 1994. During the past 5 years, pipeline capacity from Canada into the United States has increased by nearly 60 percent and imports from Canada have increased significantly during the period. Imports of LNG from Algeria decreased sharply during the first 6 months of 1995 as renovation of the facilities in Algeria has resulted in a curtailment of supplies to the United States. To date, 1995 levels of 10 billion cubic feet are 76 percent below the 1994 level of 41 billion cubic feet. Reduced shipments will likely continue into 1996 when the renovation is scheduled for completion. Small amounts of natural gas from Mexico were imported during the first half of 1995.

Exports of gas for the first half of the year have fluctuated within a range of 73 to 79 billion cubic feet for 1993 through 1995. In 1995, exports totaled 79 billion cubic feet, 6 percent higher when compared to 73 billion cubic feet in 1994. Exports to Canada totaling 16 billion cubic feet in 1995, were less than half of the previous year's exports of 37 billion cubic feet. In 1994 Canadian levels were 27 percent higher than in 1993. Exports to Japan increased 10 percent to 31 billion cubic feet for the first half of 1995, compared to 28 billion cubic feet in 1994 and 26 billion cubic feet in 1993. In 1995, Mexican exports at 32 billion cubic feet were 22 percent higher than 1993 levels (25 billion cubic feet) after a sharp decrease of 64 percent in 1994 to 9 billion cubic feet.

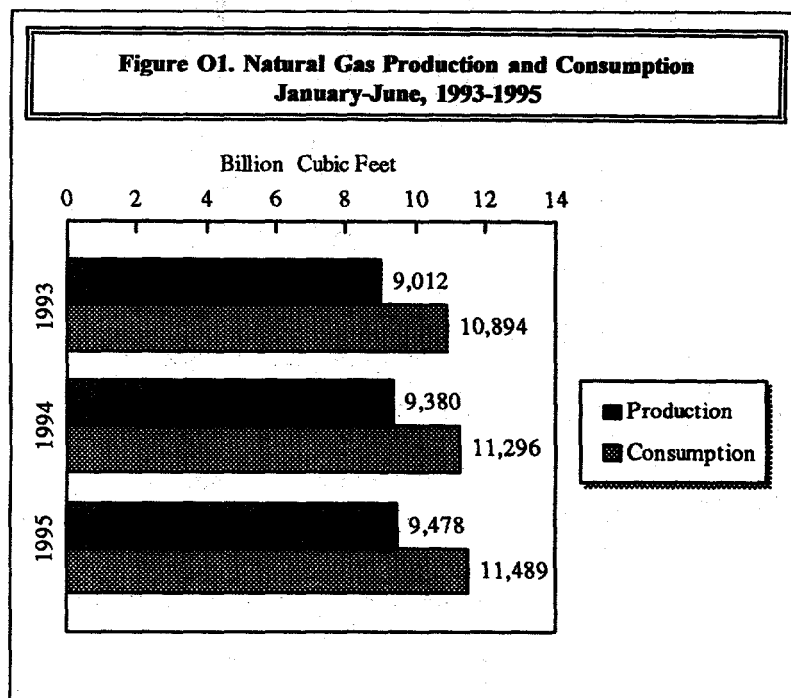
During the winter of 1994-1995, the weather was mild; as a result, underground storage levels at the end of June 1995 were 2,011 billion cubic feet or 6 percent higher than 1993 and 1994 levels.

Total consumption of natural gas continued to grow during the past 3 years. Consumption has shown almost 4 percent and 2 percent increases for the first half in each of the past 2 years. Texas is still the leading consumer with 16 percent of total U.S. deliveries to consumers for the first 6 months of 1995. California, Louisiana, New York, and Illinois are also leading consuming states accounting for 8, 6, 5, and 5 percent of end-use consumption, respectively.

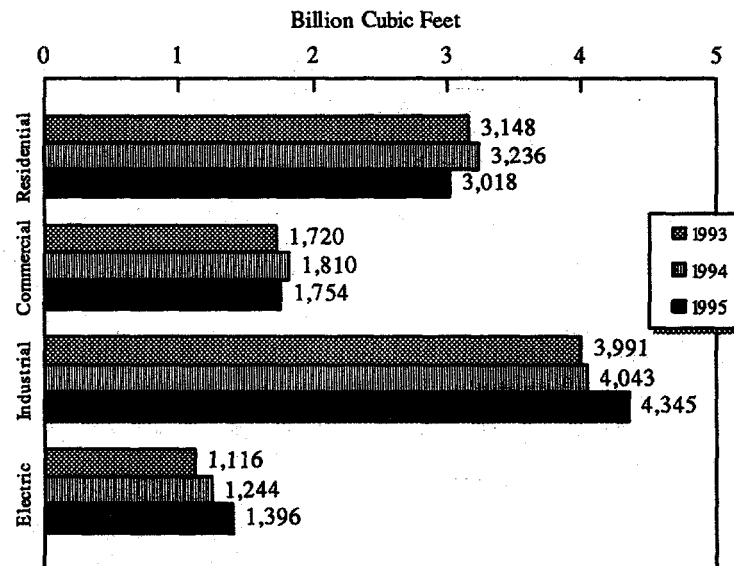
Industrial consumption of natural gas accounted for 40 percent of end-use consumption in the first half of 1995. After showing a modest growth of 52 billion cubic feet for this period from 1993 to 1994, industrial consumption increased 302 billion cubic feet (8 percent) from 1994 to 1995 (Figures O2 and O3). Although accounting for only 12 percent of total end-use consumption, electric utility consumption showed a strong growth, increasing nearly 12 percent for the first half of 1995 compared to the 1994 period. Residential and commercial consumption is more weather sensitive, and with the milder winter weather in 1995, showed declines for the first half of 1995 compared with 1994. Year-to-date residential consumption was 7 percent lower than last year; commercial consumption was 3 percent lower for the period.

Wellhead prices are normally higher in fall and winter, when demand peaks, but are becoming less seasonal. In 1995, wellhead prices for the first half of the year averaged \$1.57 per thousand cubic feet, 21 percent lower than the 1994 average of \$1.98 per thousand cubic feet. During the first half of 1995, natural gas prices paid by consumers were lower in all sectors compared to a year ago.

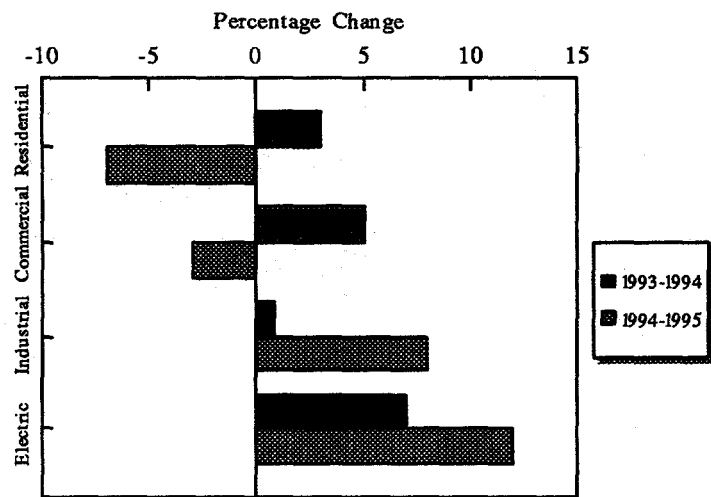
The average prices paid by electric utilities showed the sharpest decrease. The electric utilities price for the first 5 months averaged \$1.58 per thousand cubic feet, \$0.92 less than \$2.50 per thousand cubic feet for the same period in 1994. On average, the industrial consumer paid \$2.71 per thousand cubic feet in 1995, 18 percent (\$0.57) less than in 1994. Prices for industrial and commercial customers reflect onsystem sales prices only and, in particular for industrial prices, coverage is very limited (Figure O4). In the first half of 1995, commercial consumer prices were 8 percent (\$0.45) below 1994 levels, while residential consumers saw a 5-percent (\$0.30) reduction in prices for the first half of 1995.



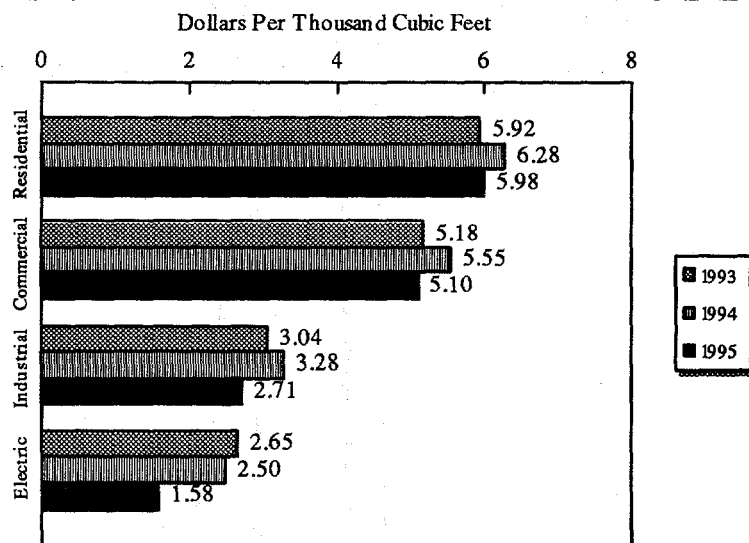
**Figure O2. Natural Gas Delivered to Consumers
January-June, 1993-1995**



**Figure O3. Differences in Natural Gas Delivered to Consumers
January-June, 1993-1995**

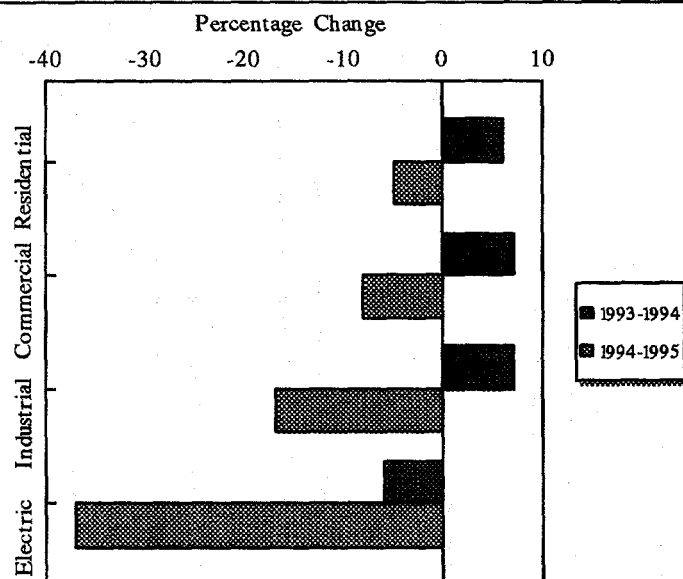


**Figure O4. Average Delivered Natural Gas Prices
January-June, 1993-1995**



Commercial and industrial average prices reflect onsystem sales only.
Electric utilities average price for 1995 covers January through May.

**Figure O5. Differences in Delivered Natural Gas Prices
January-June, 1993-1995**



Commercial and industrial average prices reflect onsystem sales only.
Electric utilities average price for 1995 covers January through May.

Natural Gas Reserves

Total discoveries were up substantially in 1994 as were revisions and adjustments, according to the *Advance Summary of U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves*. These combined to replace 108 percent of gas production, which also increased in 1994. The last gas reserves increase was in 1990, and the one prior to that was in 1981. While the lower 48 States' gas reserves have been generally declining since the late 1960's, they have declined less than 1 percent per year since natural gas prices peaked in 1983. This is a low reserves decline rate for a period in which rapid changes in price, demand, drilling, and the industry's regulatory environment occurred. These changes left gas prices and drilling at levels much lower in 1994 than in 1983.

In 1994, gas production reached the highest level since 1981. The United States is counting on more gas production increases in the future. This will require generally increasing levels of gas reserves. While improved technology has brought about the capability to add reserves with more effective exploratory and developmental drilling, it will take a strong and successful drilling effort to sustain a rising trend in gas reserves. There was a large increase in successful gas exploratory drilling in 1994.

Improved exploration and deepwater production technologies enhanced the ability to discover and develop offshore fields. For example, in the Gulf of Mexico, Shell Oil Company plans to develop the Ram/Powell platform in 3,220 feet of water. It will set a new U.S. depth record for a permanent platform. Shell also plans to develop a large natural gas discovery, its Mensa project, in 5,400 feet of water using a subsea completion. This project will set a world record for deepwater production.

The four leading gas producing areas, Texas, the Gulf of Mexico Federal Offshore, Oklahoma, and Louisiana had 1994 proved reserves increases that totaled 3,202 billion cubic feet.

Following several years of growth, coalbed methane reserves declined in 1994. However, coalbed methane

production grew to nearly 5 percent of U.S. dry gas production. Coalbed methane reserves accounted for 6 percent of U.S. natural gas reserves in 1994. No federal tax incentives for new coalbed methane wells have been available for 2 years.

U.S. total discoveries of dry gas reserves were 12,315 billion cubic feet in 1994, an increase of 39 percent over 1993. These discoveries equal two-thirds of 1994 gas production. Total discoveries are those reserves attributable to field extensions, new field discoveries, and new reservoir discoveries in old fields. They result from drilling exploratory wells.

- New field discoveries were 1,894 billion cubic feet, up 111 percent over 1993.
- Field extensions were 6,941 billion cubic feet, up 14 percent over 1993.
- New reservoir discoveries in old fields were 3,480 billion cubic feet, up 86 percent over 1993 and the highest since 1979.
- Total discoveries per exploratory well were maintained at a high level in 1994. They were more than twice that of the early 1980's.
- Texas and the Gulf of Mexico Federal Offshore accounted for almost two-thirds of U.S. total discoveries of gas in 1994.

The net volume of revisions and adjustments to reserves also played a significant role in increasing U.S. natural gas proved reserves. It amounted to 7,429 billion cubic feet in 1994, an 18-percent increase over 1993. Texas had the largest increase in revisions and adjustments as its proved gas reserves increased in 1994. Successful infill drilling between existing wells played a major role in this increase.

Other 1994 natural gas highlights were the following:

- Exploratory gas well completions increased by 48 percent to 720, the highest level since 1986.
- Total gas well completions substantially exceeded oil well completions.
- Natural gas prices at the wellhead decreased 10 percent to an average of \$1.83 per thousand cubic feet.

Total U.S. Proved Reserves of Dry Natural Gas, 1984-1994
(Billion Cubic Feet)

Year	Adjustments (1)	Revision Increases (2)	Revision Decreases (3)	Revisions ^a and Adjustments (4)	Extensions (5)	New Field Discoveries (6)	New Reservoir Discoveries in Old Fields (7)	Total ^b Discoveries (8)	Production (9)	Proved ^c Reserves 12/31 (10)	Change from Prior Year (11)
1984	-2,241	17,841	14,712	888	8,299	2,536	2,686	13,521	17,193	197,463	-2,784
1985	-1,708	18,775	16,304	763	7,169	999	2,960	11,128	15,985	193,369	-4,094
1986	1,320	21,269	17,697	4,892	6,065	1,099	1,771	8,935	15,610	191,586	-1,783
1987	1,268	17,527	14,231	4,564	4,587	1,089	1,499	7,175	16,114	187,211	-4,375
1988	2,193	23,367	^d 38,427	-12,867	6,803	1,638	1,909	10,350	16,670	^d 168,024	-19,187
1989	3,013	26,673	23,643	6,043	6,339	1,450	2,243	10,032	16,983	167,116	-908
1990	1,557	18,981	13,443	7,095	7,952	2,004	2,412	12,368	17,233	169,346	+2,230
1991	2,960	19,890	15,474	7,376	5,090	848	1,604	7,542	17,202	167,062	-2,284
1992	2,235	18,055	11,962	8,328	4,675	649	1,724	7,048	17,423	165,015	-2,047
1993	972	17,597	12,248	6,321	6,103	899	1,866	8,868	17,789	162,415	-2,600
1994	1,945	21,365	15,881	7,429	6,941	1,894	3,480	12,315	18,322	163,837	+1,422

^aRevisions and adjustments = Col. 1 + Col. 2 - Col. 3.

^bTotal discoveries = Col. 5 + Col. 6 + Col. 7.

^cProved reserves = Col. 10 from prior year + Col. 4 + Col. 8 - Col. 9.

^dAn unusually large revision decrease to North Slope dry natural gas reserves was made in 1988. It recognizes some 24.6 trillion cubic feet of downward revisions reported during prior years by operators because of economic and market conditions. The Energy Information Administration (EIA) in previous years carried these reserves in the proved category.

Notes: Old means discovered in a prior year. New means discovered during the report year. The production estimates in this table are based on data reported on Form EIA-23, "Annual Survey of Domestic Oil and Gas Reserves" and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production." They may differ from the official EIA production data for natural gas for 1994 contained in the *Natural Gas Annual 1994*, DOE/EIA-0131(94).

Sources: U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 1984 through 1994 annual reports, DOE/EIA-0216.

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 1,676 billion cubic feet in July 1995 (Table 1). This is 1 percent greater than in July 1994.

The total gas supply available for disposition in July 1995 was an estimated 1,792 billion cubic feet, almost identical in July 1994 (Table 2). The July 1995 total includes 50 billion cubic feet withdrawn from storage, 10 billion cubic feet of supplemental fuel supplies, and 234 billion cubic feet of imported gas.

On the disposition side, the consumption of 1,437 billion cubic feet was 3 percent greater than in June 1995 and 4 percent greater than in July 1994 (Table 2). Total disposition included 342 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 June 1995 was 1,256 billion cubic feet, a 12-percent decrease from in May 1995 (Table 3). Consumption in the industrial sector decreased from 711 billion cubic feet in May 1995 to 666 billion cubic feet in June 1995, a decrease of 6 percent.

The electric utility sector consumed 297 billion cubic feet in June 1995, which is a 15-percent increase from May 1995 and a 7-percent decrease from June 1994. The residential sector consumed 160 billion cubic feet in June 1995, 3 percent greater than in June 1994. The commercial sector consumed 133 billion cubic feet in June 1995, 1 percent less than in June 1994.

Prices

Distributors paid an average \$2.90 per thousand cubic feet for gas at the city gate in June 1995. This is 5 percent greater than what these distributors paid in May 1995 and 9 percent less than what they paid in

June 1994. Residential consumers paid \$7.46 per thousand cubic feet in June 1995, 3 percent lower than what they paid in June 1994. Commercial consumers paid \$5.11 per thousand cubic feet in June 1995, 2 percent greater than what they paid in May 1995 and 5 percent less than what they paid in June 1994.

Industrial consumers paid \$2.44 per thousand cubic feet in June 1995, a 3-percent decrease from the May 1995 price of \$2.52 and 12 percent lower than in June 1994. Electric utilities paid an average of \$2.05 per thousand cubic feet in May 1995, a 5-percent increase from the \$1.96 per thousand cubic feet paid in April 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	1,903	261	27	9	1,606	75	1,531
July	1,967	269	30	10	1,659	77	1,582
August	1,951	267	28	10	1,646	77	1,570
September	^R 1,893	262	29	10	^R 1,593	74	^R 1,519
October	1,987	308	30	^R 9	^R 1,640	76	^R 1,563
November	2,014	296	30	10	^R 1,678	^E 78	^E 1,599
December	2,096	336	30	10	1,720	^E 80	^E 1,640
Total	^R 23,682	3,427	369	^R 111	^R 19,775	^R 922	^R 18,853
1995							
January	2,096	326	32	10	1,728	81	1,647
February	1,886	300	28	9	1,549	72	1,477
March	2,043	313	30	9	1,690	79	1,611
April	1,995	303	30	9	1,653	77	1,576
May	2,049	^R 313	^R 31	9	^R 1,696	79	^R 1,617
June	^{RE} 1,964	^{RE} 300	^E 29	^E 9	^E 1,626	^E 76	^E 1,550
July	^E 2,024	^E 309	^E 30	^E 9	^E 1,676	^E 78	^E 1,598
1995 YTD	14,055	2,164	210	64	11,618	541	11,076
1994 YTD	13,741	1,959	221	63	11,498	536	10,962
1993 YTD	13,044	1,719	233	69	11,023	511	10,512

^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	241	-65	2,570	33	11	2,526
February	1,462	543	12	199	140	2,357	49	13	2,295
March	1,614	236	11	223	74	2,158	103	19	2,036
April	1,552	68	10	212	85	1,926	280	9	1,638
May	1,598	25	10	206	-4	1,834	417	8	1,409
June	1,531	33	9	201	7	1,781	375	13	1,393
July	1,582	24	10	221	-37	1,800	403	11	1,386
August	1,570	29	9	219	-37	1,790	364	14	1,413
September	^R 1,519	21	10	210	^R 52	^R 1,708	335	14	^R 1,359
October	^R 1,563	53	10	222	^R 148	1,700	215	13	1,472
November	^R 1,599	196	^E 11	226	-199	1,833	98	19	1,716
December	^E 1,640	422	^E 13	245	^R 163	2,158	54	18	^E 2,085
Total	^R 18,853	2,408	129	^R 2,624	^R 400	23,614	2,726	162	^R 20,727
1995									
January	1,647	620	14	251	^R 70	2,461	41	14	^R 2,407
February	1,477	543	12	228	^R 5	^R 2,265	42	13	^R 2,210
March	1,611	314	12	250	^R 25	^R 2,213	101	15	^R 2,098
April	1,576	121	9	^E 199	^R 74	^R 1,979	168	^E 14	^R 1,797
May	^R 1,617	31	10	^R 217	^R 65	1,939	351	^E 11	1,577
June	^E 1,550	37	^E 10	^E 214	^R 7	^R 1,804	390	^E 13	^R 1,401
July	^E 1,598	50	^E 10	^E 234	-100	1,792	342	^E 13	^E 1,437
1995 YTD	11,076	1,716	77	1,593	-9	14,453	1,436	92	12,926
1994 YTD	10,962	1,686	76	1,502	200	14,426	1,660	84	12,682
1993 YTD	10,512	1,822	70	1,332	250	13,986	1,650	91	12,245

^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.

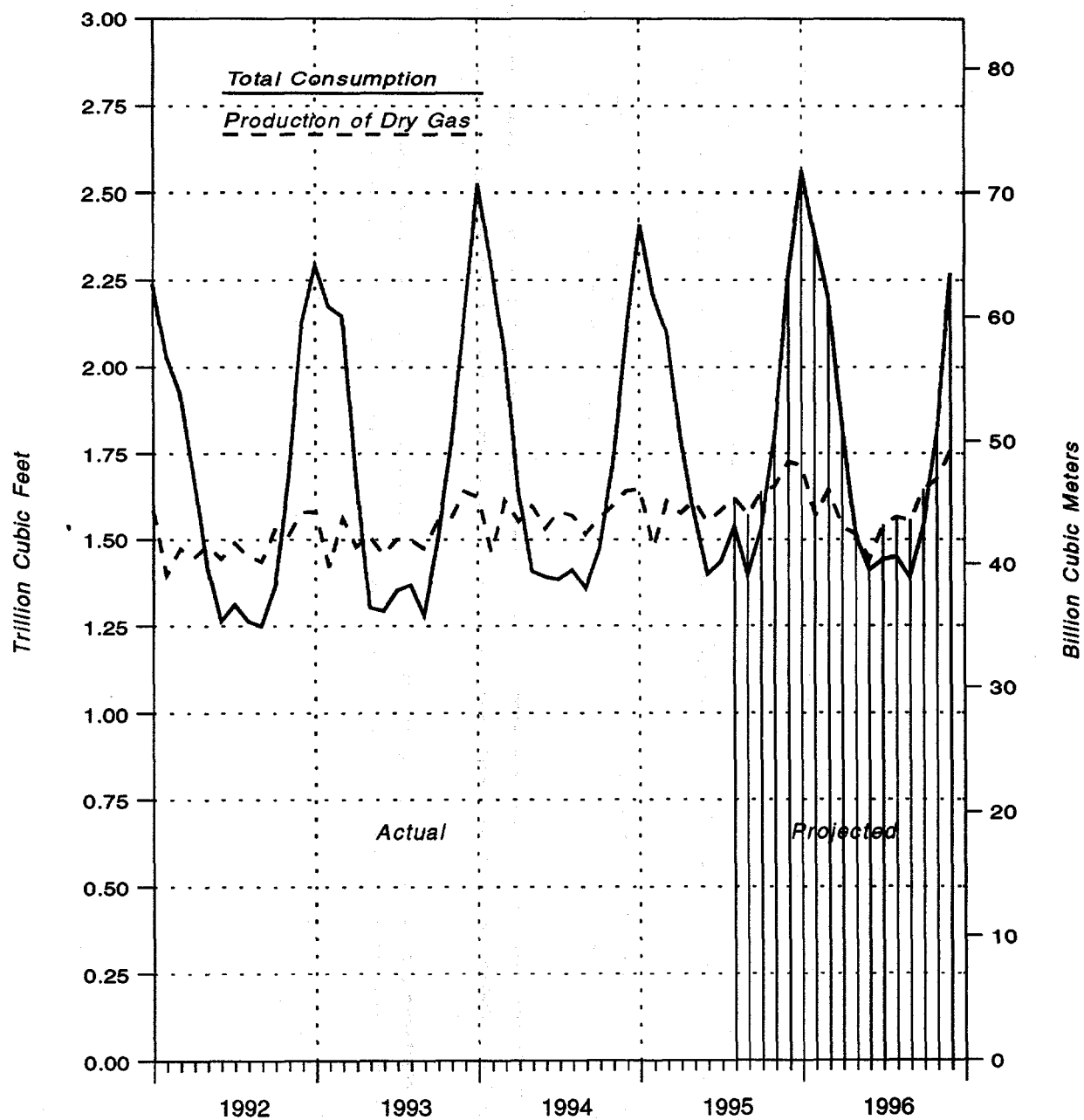
^E = Estimated Data.

^{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	1,168	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	^a 1,359
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	^a 2,085
Total	1,238	638	4,874	2,943	8,047	2,987	18,851	^a 20,727
1995								
January	108	74	818	^a 428	780	199	^a 2,225	^a 2,407
February	97	68	753	410	^a 713	169	^a 2,045	^a 2,210
March	106	^a 65	603	^a 340	739	245	^a 1,927	^a 2,098
April	103	55	^a 420	^a 254	^a 735	229	^a 1,638	^a 1,797
May	106	49	264	190	711	258	1,422	1,577
June	102	43	160	133	666	297	1,256	1,401
1995 YTD	622	353	3,018	1,754	4,345	1,396	10,513	11,489
1994 YTD	616	348	3,236	1,810	4,043	1,244	10,332	11,296
1993 YTD	582	337	3,148	1,720	3,991	1,116	9,975	10,894

^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.

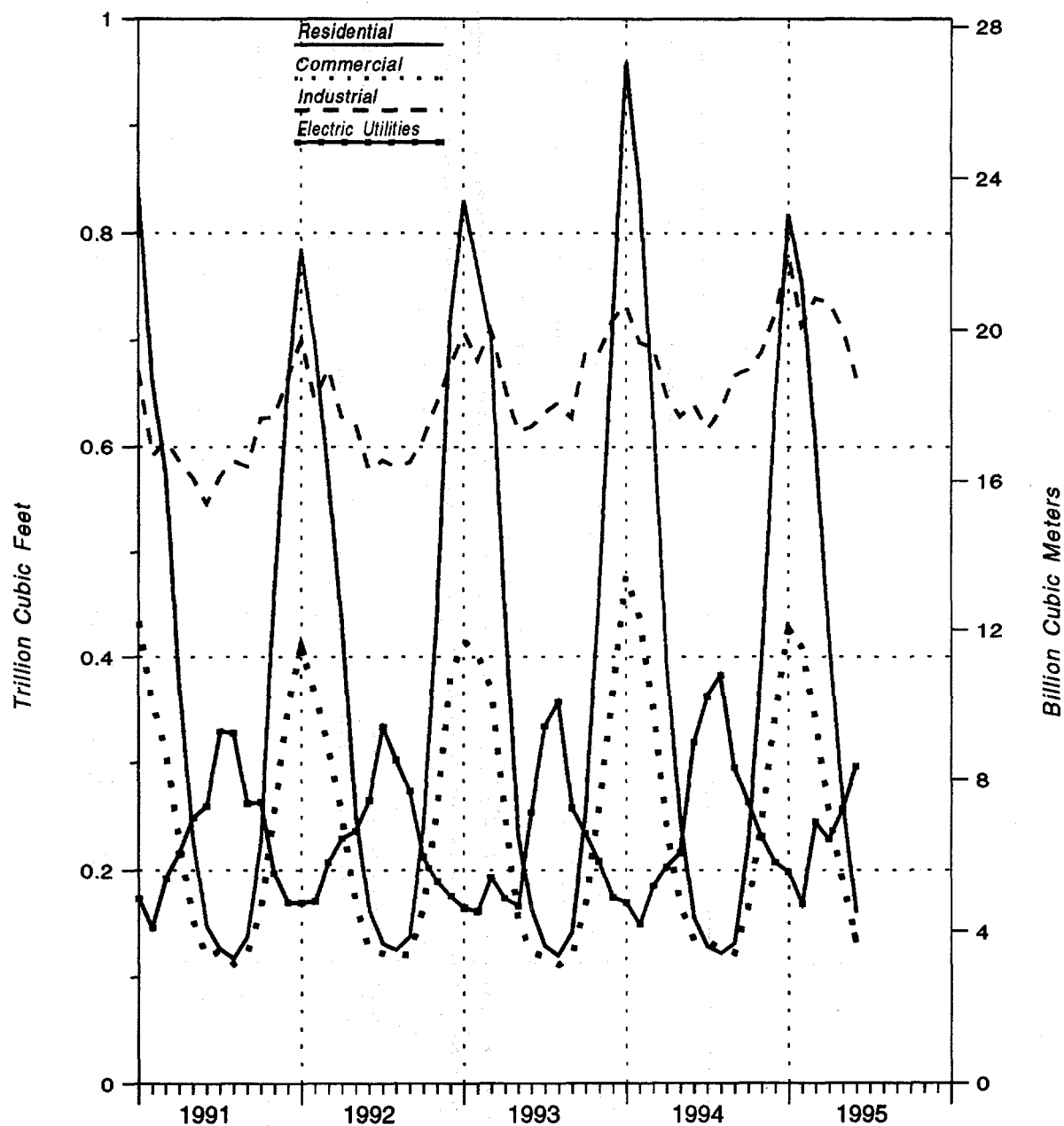
^a = Revised Data.

^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	2.62	3.18	6.84	5.44	3.00	2.46
June	1.75	1.90	^R 2.45	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	2.27
August	1.74	1.79	2.33	3.16	8.20	5.28	2.75	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	2.28
1995								
January	1.67	1.42	1.22	2.79	5.82	^R 5.20	2.91	2.13
February	1.50	1.07	2.52	2.71	5.74	5.11	2.96	1.99
March	1.53	1.00	1.72	2.74	5.82	^R 5.07	2.76	1.91
April	^R 1.48	0.76	1.83	^R 2.70	6.04	^R 5.04	2.59	1.96
May	^R 1.65	1.20	1.61	2.75	6.51	4.99	2.52	2.05
June	^E 1.58	1.27	2.03	2.90	7.46	5.11	2.44	NA
1995 YTD	1.57	1.12	1.82	2.76	5.98	5.10	2.71	1.58
1994 YTD	1.98	1.91	2.72	3.18	6.28	5.55	3.28	2.50
1993 YTD	2.00	1.99	2.21	3.16	5.92	5.19	3.04	2.65

^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.

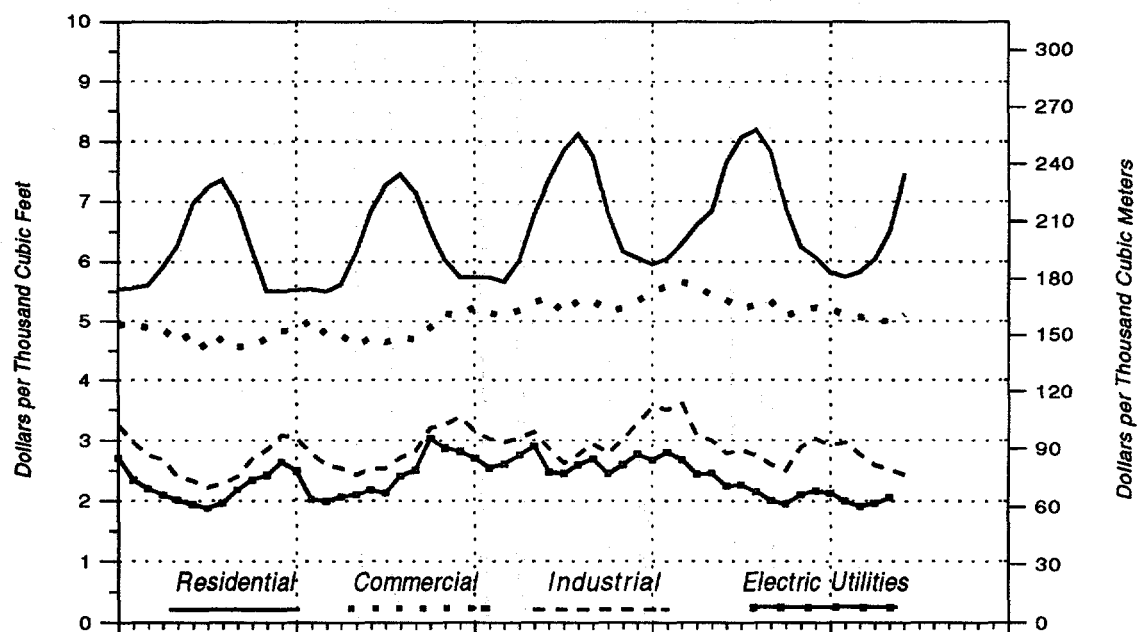
^E = Estimated Data.

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.

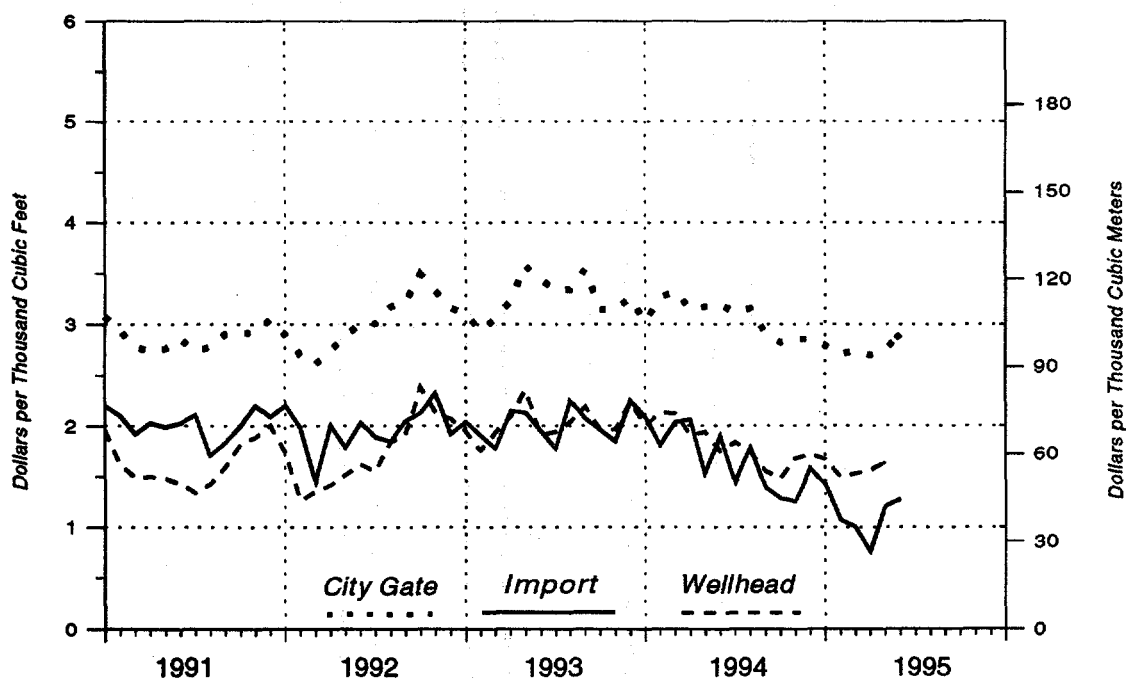
Sources: • Average wellhead price: EIA *Natural Gas Annual* 1993, 1988 through 1993; and EIA estimates, January 1994 through current month. See Appendix A, Explanatory Note 8 for estimation procedures and revision policy. • Imports and Interstate Pipeline Company Purchases: Form FERC-11. • Average City 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 229,206	2.12	1,539	1.79	10,150	2.02	^R 240,895	2.11
February	^R 193,027	2.22	569	2.15	5,065	3.13	^R 198,661	2.24
March	^R 213,096	2.21	2,147	2.19	7,616	2.38	^R 222,858	2.21
April	^R 204,113	1.96	0	—	7,636	1.92	^R 211,749	1.96
May	^R 199,367	1.93	1,663	2.02	5,101	2.40	^R 206,131	1.94
June	^R 194,458	1.76	1,094	1.77	5,029	2.04	^R 200,582	1.77
July	^R 213,486	1.81	0	—	7,680	2.18	^R 221,166	1.82
August	218,879	1.76	0	—	0	—	218,879	1.76
September	^R 207,495	1.64	0	—	2,501	2.94	^R 209,996	1.66
October	^R 221,627	1.54	0	—	0	—	^R 221,627	1.54
November	^R 225,819	1.71	0	—	0	—	^R 225,819	1.71
December	^R 245,477	1.72	0	—	0	—	^R 245,477	1.72
Total	^R 2,566,049	1.86	7,013	1.99	50,778	2.28	^R 2,623,839	1.87
1995								
January	248,246	1.54	158	1.39	2,510	2.40	250,914	1.55
February	225,034	1.45	0	—	2,573	2.43	227,606	1.46
March	247,449	1.45	150	1.51	2,621	2.45	250,220	1.46
April	198,928	NA	^E 0	NA	0	NA	^E 198,928	NA
May	^R 214,884	NA	^E 0	NA	2,576	NA	^R 217,460	NA
June	^E 213,911	NA	0	NA	0	NA	^E 213,911	NA
July	^E 233,708	NA	^E 0	NA	0	NA	^E 233,708	NA
1995 YTD	1,582,159	NA	308	NA	10,280	NA	1,592,748	NA
1994 YTD	1,446,752	2.00	7,013	1.99	48,277	2.25	1,502,041	2.01
1993 YTD	1,286,011	1.99	0	—	46,102	2.19	1,332,113	2.00

^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	4,084	2.41	1,546	2.22	5,466	3.08	11,097	2.71
February	7,809	2.75	1,459	2.10	3,630	2.99	12,898	2.74
March	12,279	2.73	1,367	2.11	5,510	2.92	19,156	2.74
April	3,872	2.20	1,411	1.91	3,676	2.92	8,959	2.45
May	2,940	2.21	1,829	1.93	3,692	2.95	8,462	2.47
June	5,775	2.22	1,278	1.68	5,543	3.02	12,596	2.52
July	2,823	2.32	2,268	1.82	5,557	3.15	10,647	2.65
August	1,259	2.46	6,981	1.71	5,561	3.29	13,801	2.42
September	1,684	2.40	6,987	1.56	5,565	3.39	14,236	2.37
October	1,591	2.35	5,659	1.37	5,555	3.41	12,805	2.38
November	4,446	2.03	9,398	1.61	5,540	3.37	19,384	2.21
December	3,995	2.09	6,317	1.68	7,386	3.35	17,698	2.47
Total	52,556	2.43	46,500	1.68	62,682	3.18	161,738	2.50
1995								
January	2,585	1.94	5,576	1.54	5,541	3.35	13,702	2.35
February	2,121	1.89	5,542	^R 1.39	5,557	3.37	13,220	2.30
March	2,537	1.96	6,670	1.36	5,573	3.37	14,780	2.22
April	^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
July	^E 2,500	NA	^E 4,500	NA	5,582	NA	^E 12,582	NA
1995 YTD	18,243	NA	36,288	NA	37,050	NA	91,581	NA
1994 YTD	39,582	2.51	11,158	1.96	33,075	3.01	83,814	2.63
1993 YTD	30,635	2.00	28,997	2.00	31,437	3.40	91,070	2.49

^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	696,347
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	37,548	751	57,750
August	33,884	35,797	26,997	38,290	636	56,598
September	25,692	35,839	25,028	^R 38,887	597	52,991
October	33,443	40,331	24,890	^R 38,579	714	56,702
November	33,730	40,625	25,264	^{RE} 38,442	640	61,661
December	33,417	44,202	25,648	^E 44,552	611	63,904
Total	395,761	452,800	312,918	^R 455,211	7,718	714,017
1995						
January	^R 32,528	43,485	26,389	^E 40,323	631	^R 63,402
February	^R 28,172	37,688	23,511	^E 39,403	576	^R 55,728
March	^R 31,572	43,226	24,449	^E 41,272	615	^R 59,720
April	^R 31,239	^{RE} 37,450	22,942	^E 39,976	^{RE} 580	^R 57,098
May	32,180	36,790	24,529	^E 42,797	^E 604	^E 57,833
1995 YTD	155,690	198,639	121,820	203,771	3,006	293,781
1994 YTD	169,499	186,256	132,251	185,140	3,146	308,163
1993 YTD	150,268	185,214	131,517	161,398	2,936	300,213

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	4,907	^E 143,798	4,022
February	^E 405,232	16,185	7,010	4,274	^E 128,031	3,932
March	^E 434,469	24,277	7,816	4,694	^E 140,522	4,410
April	^E 430,008	^E 22,068	^R 7,549	4,616	^{RE} 141,808	4,111
May	^E 450,399	19,554	8,266	4,371	^E 148,549	4,312
1995 YTD	2,174,144	105,287	38,452	22,862	702,708	20,788
1994 YTD	2,180,590	99,636	27,820	22,406	628,843	22,327
1993 YTD	1,996,373	87,884	36,263	24,346	577,691	24,698

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	[§] 1,593,194
October	[§] 155,002	528,097	23,073	72,388	[§] 68,632	[§] 1,639,554
November	[§] 164,221	522,273	26,817	72,403	[§] 69,359	[§] 1,677,674
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	[§] 19,774,878
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	[§] 538,849	25,911	69,792	[§] 70,222	1,690,040
April	[§] 161,332	529,469	24,633	70,432	[§] 67,220	1,652,529
May	[§] 157,736	544,196	[§] 24,520	[§] 71,407	[§] 67,801	1,695,843
1995 YTD	812,873	2,641,436	120,978	354,649	344,750	8,315,631
1994 YTD	841,492	2,620,359	119,735	346,211	338,772	8,232,653
1993 YTD	856,009	2,620,879	98,133	339,017	329,594	7,922,434

^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.

^d = 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	124	1,207	740	126	53	995	212	325	200
June	^R 129	^R 1,139	^R 706	^R 67	^R 49	^R 915	^R 224	^R 320	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 1,529	^R 14,730	^R 9,111	^R 1,227	^R 615	^R 11,884	^R 2,846	^R 4,113	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
June	99	1,051	567	106	51	803	249	353	221

^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	2,858	2.29	12	2.58	2,870	2.29	121,224	2.26	124,094	2.26	52
June	^R 2,662	^R 2.27	3	3.00	^R 2,665	^R 2.27	^R 126,627	1.99	^R 129,292	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 30,550	^R 1.94	211	2.22	^R 30,761	^R 1.94	^R 1,493,672	2.16	^R 1,524,433	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
June	236	1.93	12	2.58	248	1.96	99,097	1.71	99,345	1.71	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, June 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	—	4	3.25	4	3.25	0	—	4	3.25
Consolidated Gas	0	—	0	—	0	—	0	—	0	—
East Tennessee	0	—	0	—	0	—	0	—	0	—
El Paso	0	—	0	—	0	—	771	1.21	771	1.21
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	—	448	1.64	448	1.64
Michigan Gas Storage	0	—	0	—	0	—	0	—	0	—
Midwestern	0	—	0	—	0	—	0	—	0	—
Mississippi River	0	—	0	—	0	—	12	1.67	12	1.67
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	—	9,792	1.39	9,792	1.39
Noram Gas Transmission	0	—	0	—	0	—	6,108	1.70	6,108	1.70
Northern Border	0	—	0	—	0	—	0	—	0	—
Northern Natural	0	—	0	—	0	—	787	4.81	787	4.81
Northwest Alaskan	0	—	0	—	0	—	29,675	1.21	29,675	1.21
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	—	6,747	1.23	6,747	1.23
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	—	9,049	1.67	9,049	1.67
Stingray Pipeline	0	—	0	—	0	—	0	—	0	—
Tenneco, Inc.	0	—	0	—	0	—	8,146	1.59	8,146	1.59
Texas Eastern	0	—	0	—	0	—	409	1.83	409	1.83
Texas Gas Transm.	0	—	0	—	0	—	2,307	1.77	2,307	1.77
Trailblazer Pipeline	0	—	0	—	0	—	0	—	0	—
Transcontinental	0	—	0	—	0	—	24,846	2.24	24,846	2.25
Transwestern Pipeline	236	1.26	8	2.25	244	1.30	0	—	244	1.30
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	236	1.93	12	2.58	248	1.96	99,097	1.71	99,345	1.71
Sales to Other Major Companies	—	—	—	—	—	—	0	—	0	—
Sales Excluding Sales to Major Companies	—	—	—	—	—	—	99,097	1.71	99,345	1.71

^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	2,220,417	3,046	2,260	75,708	1,444	38,467	8,014	123,633
June	^a 2,168,577	^a 3,948	2,123	^a 74,096	2,532	38,507	4,492	^a 119,627
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	^a 28,510,263	^a 51,431	23,324	^a 895,641	31,819	471,171	40,164	^a 1,438,795
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
June	2,194,009	3,535	3,584	57,345	2,238	35,432	7,776	102,791

^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.

^a = 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, June 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	20,783	0	0	0	0	0	0	0
ANR	124,730	0	1,192	5,749	0	581	0	6,330
Bear Creek Storage	0	0	0	0	0	0	0	0
Chandeleur Pipeline Co.	4,598	0	0	0	0	0	0	0
Colorado Interstate	41,646	1,943	0	3,292	1,943	0	0	5,235
Columbia Gas Transm.	51,960	0	0	6	0	0	2,403	2,409
Columbia Gulf	65,197	0	0	0	0	0	1,873	1,873
Consolidated Gas	45,112	1,085	0	1,649	0	0	*-23	1,626
East Tennessee	7,999	0	0	97	0	0	*-224	*-127
El Paso	97,865	0	0	1,018	0	0	301	1,319
Equitrans	5,426	0	0	0	0	0	0	0
Florida Gas	45,670	0	0	0	0	0	0	0
Great Lakes Gas	73,593	0	0	0	0	0	0	0
High Island Offshore	25,357	0	0	0	0	0	0	0
Iroquois Gas Transm. Sys.	24,652	0	0	0	0	0	0	0
K N Energy Inc.	10,359	0	0	0	0	0	67	67
K N Wattenberg Trans.	5,397	0	0	0	0	0	138	138
Kern River Gas Trans.	22,172	0	0	0	0	0	0	0
Koch Gateway Pipeline Co.	50,776	0	0	479	0	0	0	479
Michigan Gas Storage	0	0	0	0	0	0	0	0
Midwestern	3,343	0	0	*-83	0	0	*-1,190	*-1,273
Mississippi River	21,412	0	0	12	0	0	0	12
Mobile Bay Pipeline Co.	4,598	0	0	0	0	0	0	0
Mojave Pipeline Co.	13,123	0	0	0	0	0	0	0
Mountain Fuel Res.	23,788	0	0	0	0	0	0	0
National Fuel	16,667	0	0	0	0	0	0	0
Natural Gas Pipeline	231,262	0	995	3,876	0	5,176	0	9,052
Noram Gas Transmission	45,908	0	0	3,293	0	0	2,173	5,466
Northern Border	55,293	0	0	0	0	0	0	0
Northern Natural	152,100	0	0	666	295	0	1,761	2,722
Northwest Alaskan	0	0	0	0	0	29,675	0	29,675
Northwest Pipeline	57,731	0	0	0	0	0	0	0
Overthrust Pipeline	1,963	0	0	0	0	0	0	0
Pacific Gas Transm.	68,848	0	0	0	0	0	0	0
Pacific Interstate	0	0	0	0	0	0	7,022	7,022
Panhandle Eastern	42,374	0	0	0	0	0	0	0
Sabine Pipeline Co.	23,642	0	0	0	0	0	0	0
Sea Robin Pipeline	26,754	0	0	0	0	0	0	0
Southern Natural	71,997	0	0	7,525	0	0	0	7,525
Stingray Pipeline	21,125	0	0	0	0	0	0	0
Tenneco, Inc.	97,844	116	1,397	6,104	0	0	*-4,061	2,043
Texas Eastern	83,811	0	0	1,356	0	0	0	1,356
Texas Gas Transm.	46,834	0	0	2,298	0	0	0	2,298
Trailblazer Pipeline	16,360	0	0	0	0	0	0	0
Transcontinental	193,857	0	0	19,480	0	0	2,994	22,474
Transwestern Pipeline	48,608	0	0	50	0	0	0	50
Trunkline Gas Co.	38,638	0	0	0	0	0	0	0
U-T Offshore	10,832	0	0	0	0	0	0	0
Viking Gas Company	10,343	0	0	0	0	0	0	0
Williams Natural	20,991	0	0	478	0	0	0	478
Williston Basin	4,669	391	0	0	0	0	0	0
Wyoming Interstate	14,148	0	0	0	0	0	0	0
Total	2,194,009	3,535	3,584	57,345	2,238	35,432	13,234	108,249
Purchases from Other Major Companies	—	—	—	0	0	0	5,458	5,458
Purchases Excluding Purchases from Other Major Companies	—	—	—	57,345	2,238	35,432	7,776	102,791

* 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	2,032	6,388	453	28.7	41	620	-579
February	4,359	1,531	5,890	440	40.4	42	543	-501
March	4,353	1,323	5,676	366	38.2	101	314	-214
April	4,351	1,371	5,723	199	17.0	168	121	47
May	4,384	1,661	6,045	106	6.8	351	31	320
June	4,390	2,011	6,401	114	6.0	390	37	354
July	4,323	2,302	6,625	28	1.2	342	50	293

^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.

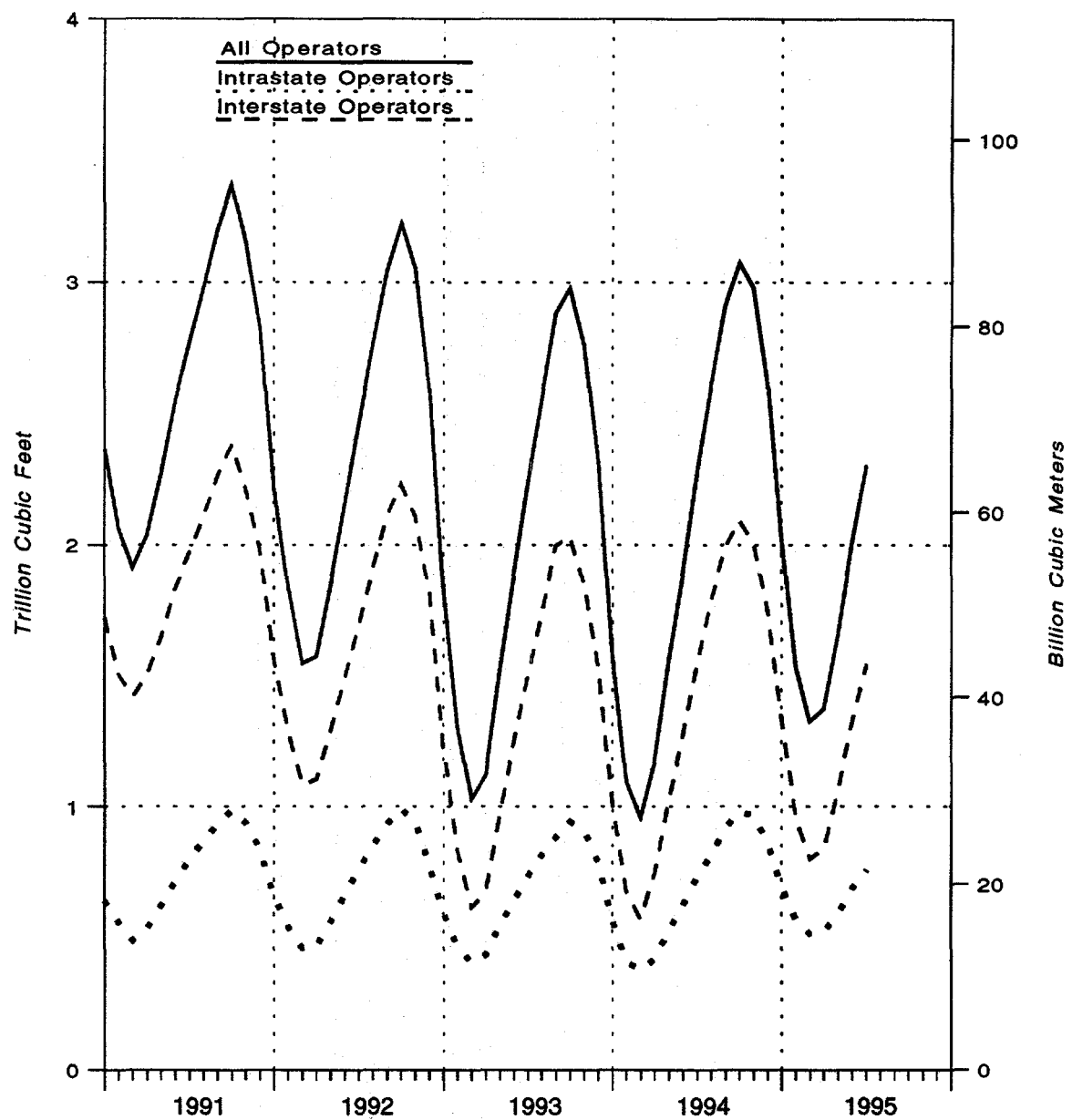
^c Positive numbers indicate the volume of injections in excess of withdrawals. Negative numbers indicate the volume of withdrawals in excess of injections.

— = 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	188	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	956	3,914	276	40.5	20	397	-377
March	2,955	803	3,758	228	39.5	66	222	-156
April	2,954	844	3,798	96	12.9	118	78	40
May	2,956	1,067	4,023	43	4.2	241	17	224
June	2,962	1,323	4,285	53	4.2	282	23	259
July	2,896	1,542	4,438	2	0.2	248	27	221

^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.

— = 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	696	2,096	123	21.5	15	182	-167
February	1,401	575	1,976	164	40.0	22	146	-123
March	1,398	520	1,918	138	36.1	35	93	-58
April	1,397	527	1,924	103	24.3	50	44	6
May	1,428	594	2,021	63	11.9	110	14	97
June	1,428	688	2,116	61	9.8	109	14	95
July	1,428	759	2,187	26	3.5	94	23	71

^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.

-- = 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						
	July	June	May	April	March	February	January
Arkansas	-1,494	-1,312	-211	130	539	753	1,005
California	-13,996	-26,009	-26,370	2,797	7,942	4,650	30,961
Colorado	-6,123	-6,097	-2,204	4,715	4,979	3,502	4,186
Illinois	-30,205	-28,861	-28,504	4,427	24,154	58,368	63,435
Indiana	-2,859	-1,793	-332	647	2,523	6,896	5,997
Iowa	-10,141	-8,122	-3,955	672	4,469	10,876	20,494
Kansas	-4,950	-12,810	-9,689	-1,504	10,731	12,038	15,022
Kentucky	-6,817	-7,628	-12,771	-3,464	4,527	12,619	13,327
Louisiana	-20,783	-27,481	-18,654	-9,576	8,672	39,073	51,770
Maryland	189	-2,031	-2,000	244	105	4,244	2,213
Michigan	-74,630	-65,576	-53,099	1,189	51,336	112,702	106,022
Minnesota	-306	-262	-331	47	257	477	513
Mississippi	-4,194	-1,638	-7,168	-4,717	4,052	6,286	10,324
Missouri	11	9	-621	271	42	279	584
Montana	-2,917	-1,983	-1,280	-798	689	1,994	3,499
Nebraska	-278	-866	-643	198	930	995	2,112
New Mexico	-18	-1,105	-1,223	-222	-437	2	2,144
New York	-7,359	-11,293	-8,567	-600	5,516	13,802	14,141
Ohio	-30,824	-31,526	-27,845	5,132	19,784	37,613	50,118
Oklahoma	-7,073	-12,648	-16,462	-4,420	9,874	13,614	23,665
Oregon	-695	-1,034	-1,179	-867	440	385	1,677
Pennsylvania	-33,343	-52,590	-42,346	-13,250	28,252	92,485	66,247
Texas	-1,546	-17,473	-23,899	-21,599	7,075	19,009	32,897
Utah	-7,110	-5,954	-3,468	-1,001	3,407	3,388	7,889
Washington	-1,413	-1,551	-2,570	-233	253	2,230	2,097
West Virginia	-22,100	-24,342	-24,418	-5,762	12,163	41,332	43,805
Wyoming	-1,702	-1,536	-451	775	1,410	1,324	2,979
Total	-292,678	-353,513	-320,260	-46,767	213,682	500,936	579,123

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	-5,903	-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					
	June	May	April	March	February	January
Arkansas	-553	-531	310	1,303	1,041	1,468
California	-20,247	-28,111	-18,917	897	44,162	39,338
Colorado	-1,767	-5,767	5,376	2,715	4,918	5,123
Illinois	-29,615	-24,079	267	14,617	44,056	72,701
Indiana	-2,453	56	727	2,074	3,469	6,416
Iowa	-6,504	-5,564	-1,828	2,997	9,452	18,261
Kansas	-5,383	-11,037	-655	839	14,149	15,358
Kentucky	-9,353	-9,701	-4,763	4,595	12,310	17,188
Louisiana	-21,672	-34,087	-22,060	13,307	18,795	46,064
Maryland	-1,465	-2,045	-1,248	-537	2,468	6,488
Michigan	-74,466	-73,090	-42,155	30,657	88,856	144,392
Minnesota	-372	-341	156	191	195	527
Mississippi	-1,604	-4,738	-4,369	-3,384	3,632	8,879
Missouri	-1,355	-1,454	2,155	278	530	1,266
Montana	-1,807	-938	781	2,019	4,805	3,824
Nebraska	-897	-2,138	-959	-143	2,733	2,628
New Mexico	-576	-2,029	1,326	-280	1,919	3,002
New York	-12,238	-8,794	-8,991	8,752	14,291	17,921
Ohio	-31,701	-29,423	-15,824	16,898	35,259	56,653
Oklahoma	-12,545	-24,152	-16,740	2,664	24,172	30,996
Oregon	-1,498	-1,210	820	946	1,126	1,262
Pennsylvania	-58,043	-54,363	-36,801	26,404	77,166	109,191
Texas	-12,062	-33,313	-22,962	-8,014	37,982	52,426
Utah	-4,028	-6,033	-1,350	-2,945	7,093	4,357
Washington	-1,765	-2,604	-2,102	435	4,473	1,602
West Virginia	-27,590	-25,106	-21,125	16,292	32,671	55,735
Wyoming	-758	-1,574	-891	-563	2,702	627
Total	-342,316	-392,168	-211,822	133,013	494,427	723,696

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						
	Total	December	November	October	September	August	July
Arkansas	8,208	1,520	1,055	262	35	61	56
California	-19,693	30,903	13,528	-11,815	-13,719	-9,857	-21,057
Colorado	3,162	2,243	3,090	141	-4,830	-5,066	-4,335
Illinois	-12,196	47,074	7,677	-27,980	-41,424	-36,393	-33,084
Indiana	-596	2,662	1,389	-1,255	-4,057	-4,412	-4,346
Iowa	-3,176	17,647	6,652	-7,471	-12,351	-10,142	-10,550
Kansas	-6,809	9,754	10,116	-1,815	-14,148	-8,480	-5,301
Kentucky	11,625	11,351	6,228	-1,042	-6,440	-4,866	-7,627
Louisiana	-7,638	37,815	11,601	-13,548	-30,732	-23,797	-24,018
Maryland	5,106	3,633	78	-2,521	-2,502	-1,646	-1,074
Michigan	-39,033	88,975	50,196	-33,332	-65,972	-80,825	-83,481
Minnesota	72	310	75	-87	-248	-134	-426
Mississippi	-117	7,072	1,492	162	-5,437	-3,295	-5,330
Missouri	68	-149	122	-215	-206	-317	-102
Montana	21,308	3,207	4,106	88	-453	-302	-1,169
Nebraska	-2,767	2,339	1,763	66	-1,442	-1,740	-2,407
New Mexico	8,426	-164	2,650	-1,795	-602	2,300	-285
New York	-889	9,939	3,382	-2,085	-7,373	-8,284	-10,108
Ohio	13,269	39,653	11,570	-7,245	-26,300	-27,642	-29,821
Oklahoma	-14,535	18,294	17,378	-7,313	-14,976	-10,830	-15,116
Oregon	100	1,103	731	-487	-575	-1,036	-1,175
Pennsylvania	-650	51,602	6,445	-15,361	-51,998	-43,202	-50,022
Texas	10,658	16,958	13,647	-6,934	-18,214	-12,286	-9,450
Utah	-7,271	4,630	5,578	-5,080	-4,963	-5,012	-5,028
Washington	-1,915	-1,639	3,528	1,639	-1,881	-597	-2,036
West Virginia	-8,614	29,010	10,806	-7,369	-20,560	-18,915	-20,466
Wyoming	1,221	2,856	1,829	-1,035	-1,334	-1,866	-2,413
Total	-42,674	438,597	196,712	-153,428	-352,704	-318,579	-350,169

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,
July 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	14,207	5,140	19,348	2518	96.0	1,567	73
California	472,909	247,419	181,227	428,646	20147	12.5	16,990	2,994
Colorado	108,838	47,290	25,767	73,056	2176	9.2	6,285	162
Illinois	905,260	653,442	151,563	805,005	-32491	-17.7	30,336	132
Indiana	113,121	73,929	23,933	97,862	-849	-3.4	2,690	30
Iowa	270,200	200,700	28,858	229,558	-4875	-14.5	10,153	12
Kansas	283,603	187,380	65,099	252,478	425	0.7	10,834	5,884
Kentucky	208,751	105,433	87,366	192,799	5943	7.3	8,689	1,873
Louisiana	549,437	266,702	174,819	441,521	-9992	-5.4	27,807	7,024
Maryland	62,000	46,677	10,214	56,891	-95	-0.9	1,074	1,263
Michigan	1,047,314	419,000	439,200	858,201	13463	3.2	75,136	506
Minnesota	7,000	4,623	1,890	6,513	-121	-6.0	306	0
Mississippi	124,115	75,551	40,488	116,039	3149	8.4	6,966	2,772
Missouri	30,564	21,600	8,210	29,810	445	5.7	0	11
Montana	375,010	167,491	75,063	242,554	464	0.6	3,316	399
Nebraska	39,469	31,507	3,881	35,388	-2624	-40.3	346	68
New Mexico	94,600	29,766	10,593	40,358	5506	108.2	1,665	1,648
New York	173,463	102,385	54,480	156,865	-2400	-4.2	7,947	587
Ohio	620,544	352,487	119,754	472,240	6155	5.4	30,989	165
Oklahoma	364,593	224,523	103,388	327,910	629	0.6	9,219	2,146
Oregon	11,623	4,896	6,766	11,662	2213	48.6	695	0
Pennsylvania	654,570	357,848	253,883	611,732	-18785	-6.9	39,725	6,382
Texas	635,635	244,364	238,469	482,833	31238	15.1	15,256	13,709
Utah	122,499	61,850	35,183	97,033	11580	49.1	7,118	8
Washington	33,900	18,800	14,035	32,835	990	7.6	1,565	152
West Virginia	466,090	302,437	120,021	422,458	-5421	-4.3	23,728	1,629
Wyoming	105,669	60,782	22,264	83,046	-1303	-5.5	1,709	7
Total	7,919,125	4,323,089	2,301,554	6,624,643	28085	1.2	342,313	49,635

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		
				June	May	April
Alabama	32,851	36,543	35,172	1,578	2,224	3,721
Alaska	9,079	8,687	8,444	680	943	1,573
Arizona	18,402	14,942	18,273	1,245	1,819	2,414
Arkansas	26,944	29,095	30,535	1,274	1,929	3,048
California	296,533	291,491	294,953	28,933	36,507	43,749
Colorado	68,629	65,669	69,955	6,092	9,134	9,870
Connecticut	26,308	30,100	27,646	1,383	2,384	4,126
Delaware	5,783	6,593	5,887	259	492	848
District of Columbia	10,211	11,786	11,469	472	813	1,300
Florida	8,821	9,502	9,215	727	828	1,101
Georgia	63,477	65,725	68,520	3,245	4,005	6,089
Hawaii	306	305	294	50	49	49
Idaho	8,364	7,198	7,998	539	915	1,273
Illinois	294,693	310,202	301,719	12,113	20,345	42,652
Indiana	98,892	108,013	103,153	3,680	7,322	12,975
Iowa	49,472	53,497	53,119	1,621	4,188	7,180
Kansas	46,756	48,950	58,503	2,080	3,907	5,720
Kentucky	37,962	41,303	40,092	1,134	2,413	3,670
Louisiana	33,387	37,095	35,647	2,213	2,426	3,719
Maine	538	572	551	28	48	81
Maryland	47,045	52,982	49,795	2,227	3,662	6,095
Massachusetts	68,721	84,554	80,996	3,588	6,163	10,925
Michigan	231,967	253,860	236,551	10,292	21,110	35,465
Minnesota	77,297	85,036	77,185	3,396	6,018	11,365
Mississippi	17,270	19,176	18,632	872	1,152	^a 1,730
Missouri	81,543	97,464	90,371	3,659	6,828	9,399
Montana	11,645	11,067	12,111	702	1,261	1,792
Nebraska	29,350	30,714	31,766	1,547	2,891	4,174
Nevada	14,030	12,940	13,264	1,087	1,568	2,156
New Hampshire	4,244	4,683	4,420	225	376	688
New Jersey	125,919	143,466	127,714	5,623	9,610	17,813
New Mexico	17,024	17,030	16,940	1,343	1,697	2,235
New York	246,790	270,654	253,299	13,967	23,498	38,479
North Carolina	32,578	33,833	32,589	1,161	1,899	3,676
North Dakota	7,296	7,385	7,043	388	703	1,185
Ohio	218,459	237,739	225,459	8,551	16,715	30,764
Oklahoma	45,766	49,527	53,413	2,277	3,989	5,241
Oregon	18,227	17,309	19,448	1,084	2,049	2,784
Pennsylvania	162,944	188,136	173,894	7,048	13,188	23,690
Rhode Island	11,489	12,716	13,697	689	^a 1,124	1,776
South Carolina	16,548	16,747	16,857	508	744	1,679
South Dakota	7,918	8,013	7,881	408	781	1,255
Tennessee	39,541	41,084	39,070	1,621	^a 2,460	3,903
Texas	127,286	139,090	140,478	7,838	11,460	15,175
Utah	28,441	25,916	32,827	1,956	2,965	4,336
Vermont	1,538	1,787	1,784	79	136	266
Virginia	42,824	44,991	42,913	1,623	3,365	4,869
Washington	33,021	31,532	34,087	1,927	3,090	5,069
West Virginia	22,323	26,044	23,076	691	1,755	3,146
Wisconsin	83,693	86,063	81,653	3,636	6,049	12,699
Wyoming	8,242	7,223	8,071	714	^a 1,054	1,257
Total	3,018,390	3,236,029	3,148,429	160,075	264,051	^a 420,245

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		
	March	February	January	Total	December	November
Alabama	7,648	9,275	8,406	49,679	5,033	2,601
Alaska	1,912	1,923	2,048	14,895	2,195	1,497
Arizona	2,838	4,567	5,519	25,425	4,860	2,020
Arkansas	5,833	7,073	7,788	41,517	5,142	2,723
California	52,752	50,611	81,982	520,814	76,824	56,453
Colorado	12,850	14,444	16,239	98,971	13,860	7,978
Connecticut	5,789	6,526	6,101	41,908	4,593	2,524
Delaware	1,391	1,459	1,333	8,744	888	469
District of Columbia	2,241	2,880	2,505	16,365	1,801	957
Florida	1,571	2,405	2,190	14,641	1,323	877
Georgia	10,660	18,987	20,491	105,561	15,891	9,463
Hawaii	52	52	53	578	50	47
Idaho	1,503	1,760	2,375	12,244	2,233	1,451
Illinois	55,159	74,952	89,473	474,297	65,112	42,490
Indiana	19,405	27,129	28,382	157,015	20,000	12,156
Iowa	9,653	12,234	14,595	79,818	11,722	6,826
Kansas	9,630	11,156	14,263	74,877	10,753	6,377
Kentucky	7,441	10,900	12,404	62,028	9,101	5,167
Louisiana	6,620	8,834	9,574	54,026	6,066	3,045
Maine	112	139	130	894	117	78
Maryland	9,480	13,226	12,354	77,400	9,401	5,475
Massachusetts	14,984	17,311	15,751	121,608	13,593	8,235
Michigan	48,691	58,925	57,484	366,712	44,974	27,503
Minnesota	15,554	19,857	21,106	127,769	18,111	10,852
Mississippi	3,715	4,886	4,915	27,249	3,117	1,551
Missouri	16,037	22,259	23,361	133,639	16,057	8,002
Montana	2,435	2,392	3,064	18,765	2,994	2,120
Nebraska	5,728	6,972	8,038	44,501	6,091	3,176
Nevada	2,189	3,102	3,927	21,263	3,855	1,751
New Hampshire	917	1,024	1,013	6,572	762	419
New Jersey	26,451	34,811	31,610	208,223	25,358	14,090
New Mexico	2,642	3,885	5,223	30,924	5,093	4,031
New York	52,895	61,008	56,942	389,531	43,961	27,374
North Carolina	6,977	9,717	9,148	47,747	6,068	3,678
North Dakota	1,512	1,704	1,803	10,661	1,446	807
Ohio	43,780	58,727	59,921	345,580	43,745	26,200
Oklahoma	10,099	11,369	12,792	70,740	9,620	4,389
Oregon	3,534	3,658	5,119	28,802	5,112	3,242
Pennsylvania	34,173	44,259	40,586	269,192	32,151	18,974
Rhode Island	2,550	2,811	2,539	17,795	1,922	1,085
South Carolina	3,595	5,115	4,907	23,469	3,088	1,589
South Dakota	1,622	1,825	2,027	12,156	1,809	1,107
Tennessee	8,026	11,869	11,661	57,106	7,454	3,558
Texas	26,168	29,570	37,076	213,608	27,303	15,770
Utah	5,407	6,009	7,769	48,922	8,059	6,969
Vermont	333	372	352	2,438	277	134
Virginia	8,899	12,579	11,489	65,899	8,639	4,685
Washington	6,874	7,035	9,026	53,165	9,137	6,174
West Virginia	4,537	6,488	5,706	36,296	4,337	2,456
Wisconsin	16,461	21,729	23,118	130,418	17,812	11,273
Wyoming	1,522	1,568	2,126	11,706	1,711	1,224
Total	602,845	753,367	817,806	4,874,152	640,617	393,095

See footnotes at end of table.

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

State	1994					
	October	September	August	July	June	May
Alabama	1,495	1,325	1,323	1,361	1,541	2,207
Alaska	1,042	567	416	491	651	1,026
Arizona	1,051	849	804	897	1,114	1,441
Arkansas	1,423	1,107	959	1,068	1,190	1,799
California	25,954	21,943	23,614	24,535	26,987	37,213
Colorado	4,044	2,458	2,396	2,566	3,501	6,871
Connecticut	1,690	1,045	928	1,029	1,408	2,178
Delaware	265	184	163	182	287	406
District of Columbia	564	416	401	441	544	748
Florida	752	753	704	730	788	862
Georgia	5,396	2,921	3,153	3,012	3,276	4,440
Hawaii	43	45	42	46	49	48
Idaho	582	272	211	297	366	566
Illinois	24,153	11,798	10,255	10,286	11,763	20,802
Indiana	7,231	3,715	3,069	2,831	3,654	7,170
Iowa	2,918	1,822	1,544	1,487	1,904	3,792
Kansas	3,680	1,646	1,680	1,791	1,948	3,157
Kentucky	2,797	1,289	1,202	1,168	1,250	2,296
Louisiana	2,187	1,920	1,751	1,962	2,077	2,545
Maine	51	30	22	23	32	49
Maryland	3,387	2,184	1,921	2,051	2,603	3,766
Massachusetts	5,466	3,330	3,135	3,297	4,573	6,596
Michigan	16,820	8,574	7,582	7,399	9,969	20,337
Minnesota	5,676	2,924	2,581	2,589	2,977	5,296
Mississippi	926	839	789	850	889	1,095
Missouri	3,724	2,991	2,511	2,891	3,351	5,880
Montana	1,187	537	397	462	615	1,008
Nebraska	1,527	1,040	937	1,016	1,182	2,334
Nevada	829	632	587	669	883	1,151
New Hampshire	275	170	126	136	222	391
New Jersey	9,509	5,638	5,068	5,095	6,109	8,685
New Mexico	2,177	874	807	911	959	1,072
New York	17,231	10,226	9,615	10,471	13,485	21,928
North Carolina	1,578	908	811	872	1,213	1,715
North Dakota	385	235	183	220	263	582
Ohio	16,883	7,152	6,661	7,201	9,652	18,362
Oklahoma	2,211	1,703	1,566	1,723	2,058	3,719
Oregon	1,145	636	610	749	1,084	1,413
Pennsylvania	12,699	6,197	5,478	5,556	8,256	13,547
Rhode Island	754	437	431	449	617	1,124
South Carolina	734	444	429	438	528	713
South Dakota	507	277	261	182	272	608
Tennessee	1,662	1,142	1,077	1,129	1,345	1,987
Texas	9,248	7,507	7,181	7,509	8,325	10,174
Utah	3,845	1,457	1,306	1,369	1,404	1,577
Vermont	93	54	45	48	84	139
Virginia	3,362	1,444	1,392	1,386	1,857	2,634
Washington	2,559	1,263	1,040	1,461	1,961	2,649
West Virginia	1,507	788	626	539	923	1,836
Wisconsin	6,293	3,235	2,882	2,861	3,072	5,863
Wyoming	670	337	260	279	356	660
Total	222,187	131,279	122,931	128,015	155,419	248,457

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	
	April	March	February	January	Total	December
Alabama	4,556	6,933	10,650	10,656	51,366	6,727
Alaska	1,480	1,952	1,763	1,815	13,858	1,772
Arizona	2,137	3,652	946	5,652	28,161	4,566
Arkansas	3,756	5,657	7,972	8,721	45,545	6,182
California	35,306	52,465	66,956	72,563	500,968	70,513
Colorado	9,807	13,604	15,509	16,377	106,187	14,527
Connecticut	4,068	6,576	8,018	7,852	42,213	5,101
Delaware	898	1,513	1,876	1,614	8,295	974
District of Columbia	1,446	2,514	3,113	3,422	16,589	2,134
Florida	1,218	1,557	2,193	2,884	14,837	1,708
Georgia	5,304	12,053	16,758	23,895	115,655	20,533
Hawaii	51	52	53	53	558	47
Idaho	998	1,427	1,919	1,922	12,557	2,057
Illinois	34,560	57,745	81,162	104,169	495,311	75,134
Indiana	12,883	20,717	28,192	35,398	163,944	24,391
Iowa	6,498	9,610	14,702	16,991	83,288	11,716
Kansas	5,866	8,758	13,421	15,799	84,896	11,571
Kentucky	3,571	8,349	10,475	15,362	66,909	11,510
Louisiana	4,138	6,744	9,602	11,989	56,609	7,896
Maine	69	116	135	171	901	129
Maryland	5,960	10,851	14,177	15,625	76,871	10,778
Massachusetts	11,474	18,208	22,287	21,416	121,228	14,355
Michigan	33,564	50,818	65,806	73,366	369,801	50,690
Minnesota	10,861	15,315	23,128	27,459	123,401	18,169
Mississippi	2,267	3,502	5,223	6,200	28,347	3,832
Missouri	10,996	16,685	32,012	28,539	134,172	18,644
Montana	1,605	2,186	2,923	2,730	20,360	2,961
Nebraska	4,029	6,112	8,582	8,475	48,256	6,820
Nevada	1,474	2,505	3,331	3,597	20,683	3,261
New Hampshire	665	925	1,186	1,294	6,493	790
New Jersey	17,285	30,414	38,946	42,027	195,569	26,505
New Mexico	2,065	3,332	4,770	4,833	31,843	5,803
New York	36,274	57,980	69,546	71,440	384,216	49,569
North Carolina	3,543	6,665	9,546	11,151	47,104	6,733
North Dakota	1,031	1,448	2,019	2,042	10,717	1,457
Ohio	29,132	47,324	59,842	73,428	354,110	51,423
Oklahoma	6,049	10,102	13,747	13,851	78,360	10,675
Oregon	2,391	3,354	4,366	4,700	29,777	4,896
Pennsylvania	22,963	40,036	48,102	55,232	268,996	37,429
Rhode Island	1,738	2,757	3,346	3,133	19,722	2,023
South Carolina	1,525	3,022	4,965	5,993	24,345	3,652
South Dakota	1,042	1,571	2,267	2,252	12,431	1,768
Tennessee	4,590	7,727	11,653	13,782	58,919	9,003
Texas	15,305	25,545	37,096	42,645	231,799	33,110
Utah	3,524	4,831	7,329	7,251	51,779	7,619
Vermont	261	369	456	478	2,530	285
Virginia	4,504	9,343	12,160	14,493	65,472	10,007
Washington	4,521	6,673	7,819	7,909	53,258	8,309
West Virginia	3,273	5,123	6,327	8,563	35,208	5,072
Wisconsin	11,128	16,923	22,827	26,249	130,134	18,564
Wyoming	1,135	1,388	1,812	1,872	12,661	1,731
Total	394,785	635,026	843,013	959,329	4,957,208	705,118

^a = Revised Data.

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

Source: Form EIA-857.

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

State	YTD 1995	YTD 1994	YTD 1993	1995		
				June	May	April
Alabama	15,603	16,386	16,087	1,252	1,458	1,944
Alaska	13,476	11,545	11,368	1,489	1,603	2,362
Arizona	16,521	14,121	15,751	2,058	2,296	2,597
Arkansas	16,972	18,148	18,470	1,179	1,363	2,073
California	149,464	140,017	132,220	19,114	24,950	24,073
Colorado	43,095	42,215	45,262	4,097	5,829	6,475
Connecticut	23,380	24,711	19,904	1,914	2,627	3,788
Delaware	3,629	3,899	3,413	219	334	516
District of Columbia	10,609	9,314	10,387	885	1,159	1,609
Florida	21,774	21,796	22,565	2,912	3,038	3,398
Georgia	31,381	32,080	33,792	2,596	2,907	3,723
Hawaii	1,122	1,110	1,083	188	185	183
Idaho	7,042	5,700	6,554	488	708	952
Illinois	119,744	124,389	120,981	6,330	9,317	15,766
Indiana	49,074	52,111	47,594	2,450	4,049	6,538
Iowa	32,025	31,168	31,043	1,500	3,238	4,226
Kansas	30,055	30,368	33,509	2,102	3,269	4,121
Kentucky	21,989	23,910	22,662	1,063	1,683	2,098
Louisiana	14,170	15,111	15,119	1,545	1,579	1,842
Maine	1,427	1,512	1,391	77	128	211
Maryland	27,132	27,463	26,829	1,993	2,386	3,732
Massachusetts	51,810	48,454	40,572	3,993	8,956	^a 7,813
Michigan	115,507	124,748	114,393	6,460	10,999	18,211
Minnesota	53,296	53,984	52,358	2,625	4,309	7,766
Mississippi	12,021	12,704	11,594	1,100	1,146	^a 1,380
Missouri	41,176	50,213	45,460	2,383	3,580	4,982
Montana	7,877	7,512	8,168	484	866	1,236
Nebraska	21,450	21,663	20,327	1,760	2,383	2,997
Nevada	11,181	10,477	10,116	1,268	1,559	1,786
New Hampshire	4,070	4,377	3,985	227	369	632
New Jersey	83,780	88,641	81,037	5,642	8,369	12,453
New Mexico	14,478	14,557	14,430	1,575	1,828	2,150
New York	133,574	139,726	130,688	11,819	^a 14,762	20,369
North Carolina	22,972	23,488	23,982	1,611	1,803	3,144
North Dakota	7,130	6,935	6,481	407	670	1,139
Ohio	106,465	113,248	104,095	4,946	8,073	14,015
Oklahoma	24,142	25,526	26,441	1,736	2,294	2,897
Oregon	13,583	13,148	14,788	1,160	1,578	2,063
Pennsylvania	82,328	89,929	82,727	4,531	7,429	11,948
Rhode Island	7,999	8,036	5,490	544	^a 878	1,310
South Carolina	10,907	11,129	10,014	987	1,050	1,434
South Dakota	6,539	6,448	6,558	401	647	1,053
Tennessee	32,575	32,847	31,389	2,369	^a 2,890	3,936
Texas	91,878	109,205	95,707	9,604	14,429	15,522
Utah	15,784	14,349	14,408	1,125	1,680	2,435
Vermont	1,651	1,746	1,468	89	140	277
Virginia	32,996	31,658	32,449	2,554	3,348	4,549
Washington	25,898	24,363	26,408	2,202	2,883	3,950
West Virginia	14,291	16,777	14,469	1,040	1,364	1,884
Wisconsin	50,373	51,094	47,633	2,270	4,427	7,305
Wyoming	6,581	5,661	6,197	590	^a 865	984
Total	1,753,997	1,809,715	1,719,817	132,952	189,677	^a253,845

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		
	March	February	January	Total	December	November
Alabama	3,352	3,937	3,660	25,467	2,443	1,678
Alaska	2,896	2,727	2,400	20,698	2,702	1,937
Arizona	2,738	3,187	3,645	26,788	3,506	2,306
Arkansas	3,565	4,288	4,504	27,653	3,153	1,910
California	^a 23,540	25,721	^a 32,066	263,734	25,610	25,192
Colorado	7,834	9,225	9,636	65,711	8,526	5,028
Connecticut	4,966	5,239	4,845	39,043	4,152	2,923
Delaware	836	915	811	5,521	560	348
District of Columbia	2,090	2,585	2,282	15,165	1,701	1,108
Florida	3,869	4,322	4,236	39,846	3,506	3,087
Georgia	5,824	8,224	8,108	53,589	6,213	4,335
Hawaii	185	180	200	2,200	185	189
Idaho	1,818	1,320	1,755	10,091	1,653	1,095
Illinois	23,402	30,561	34,368	197,724	24,933	18,209
Indiana	9,530	13,077	13,431	82,897	9,812	10,055
Iowa	5,680	7,098	10,284	48,874	6,619	4,653
Kansas	5,317	7,132	8,114	53,301	6,894	3,655
Kentucky	4,465	6,213	6,466	36,903	4,746	2,964
Louisiana	2,752	3,216	3,237	24,272	2,294	1,630
Maine	288	373	350	2,381	309	207
Maryland	4,465	7,819	6,737	44,518	5,500	3,615
Massachusetts	10,168	10,890	9,990	85,045	7,893	6,986
Michigan	23,701	28,543	27,593	187,898	22,179	14,902
Minnesota	10,589	13,176	14,832	86,080	12,174	8,056
Mississippi	2,373	2,939	3,082	20,504	2,141	1,389
Missouri	8,168	10,780	11,283	71,864	8,293	4,468
Montana	1,641	1,580	2,070	13,002	2,042	1,450
Nebraska	4,155	4,826	5,329	39,038	4,401	2,909
Nevada	1,868	2,144	2,556	18,587	2,578	1,532
New Hampshire	864	999	979	6,412	743	442
New Jersey	17,705	20,433	19,178	135,994	15,291	9,248
New Mexico	2,414	2,483	4,029	27,772	3,558	3,058
New York	27,896	29,859	28,869	224,999	24,269	16,839
North Carolina	4,322	6,144	5,948	37,036	4,248	2,633
North Dakota	1,462	1,654	1,798	10,785	1,190	1,242
Ohio	21,793	29,568	28,069	166,920	20,909	12,607
Oklahoma	5,060	5,887	6,267	38,637	4,727	2,367
Oregon	2,552	2,686	3,544	22,881	3,546	2,394
Pennsylvania	16,767	21,119	20,534	138,059	15,743	10,992
Rhode Island	1,823	1,835	1,610	12,400	1,375	1,039
South Carolina	2,117	2,671	2,648	18,480	1,897	1,411
South Dakota	1,320	1,494	1,624	10,289	1,469	947
Tennessee	6,244	8,608	8,528	51,298	5,896	3,545
Texas	16,702	16,815	18,807	189,665	15,980	14,455
Utah	2,956	3,333	4,255	26,615	4,308	3,562
Vermont	352	406	388	2,616	328	183
Virginia	6,492	8,079	7,974	51,840	6,306	4,536
Washington	5,055	5,324	6,485	43,343	6,529	4,522
West Virginia	2,702	3,770	3,531	26,971	2,842	1,924
Wisconsin	10,026	12,991	13,355	81,864	12,870	7,426
Wyoming	1,215	1,253	1,674	9,285	1,282	922
Total	^a 339,913	409,645	^a 427,965	2,942,555	342,028	244,113

See footnotes at end of table.

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

State	1994					
	October	September	August	July	June	May
Alabama	1,358	1,330	1,165	1,108	1,198	1,453
Alaska	1,508	1,105	919	981	1,161	1,489
Arizona	1,727	1,631	1,701	1,796	1,899	2,069
Arkansas	1,285	1,261	896	999	1,122	1,379
California	17,978	14,732	14,177	26,028	18,301	22,813
Colorado	3,176	2,244	2,225	2,296	2,783	4,634
Connecticut	2,130	1,525	1,773	1,830	1,950	2,355
Delaware	223	174	158	159	211	262
District of Columbia	803	757	711	771	839	1,009
Florida	2,812	2,890	2,904	2,851	2,932	3,077
Georgia	3,303	2,478	2,693	2,487	2,479	3,311
Hawaii	177	184	178	177	184	181
Idaho	570	395	305	373	376	478
Illinois	11,474	6,589	6,278	5,851	6,198	7,746
Indiana	4,152	2,454	2,307	2,006	2,302	3,520
Iowa	2,393	1,531	1,322	1,189	1,524	2,302
Kansas	2,394	2,439	3,890	3,661	3,002	2,923
Kentucky	1,939	1,193	1,026	1,125	1,113	1,455
Louisiana	1,346	1,277	1,280	1,335	1,349	1,498
Maine	135	84	71	63	79	128
Maryland	2,554	2,035	1,602	1,748	1,725	2,571
Massachusetts	6,157	5,088	5,507	4,960	4,808	5,216
Michigan	9,058	5,910	5,557	5,543	6,414	10,408
Minnesota	4,699	2,686	2,357	2,124	2,434	3,550
Mississippi	1,127	1,061	1,036	1,045	995	1,051
Missouri	2,532	2,275	2,037	2,046	2,403	3,185
Montana	862	424	349	363	453	701
Nebraska	2,255	1,804	3,540	2,467	2,210	1,873
Nevada	1,138	972	903	989	1,130	1,294
New Hampshire	305	206	166	173	229	347
New Jersey	7,592	5,512	4,961	4,748	5,260	6,536
New Mexico	2,143	1,363	1,755	1,338	1,338	1,518
New York	12,438	10,031	10,513	11,182	11,237	13,677
North Carolina	1,996	1,727	1,548	1,394	1,505	1,724
North Dakota	530	315	288	284	302	527
Ohio	7,338	4,496	4,291	4,030	5,116	7,941
Oklahoma	1,610	1,518	1,386	1,502	1,499	1,995
Oregon	1,210	922	799	863	1,075	1,230
Pennsylvania	8,197	4,765	4,356	4,075	4,853	7,076
Rhode Island	586	395	616	353	558	673
South Carolina	1,130	983	985	946	1,387	1,062
South Dakota	532	330	323	239	348	525
Tennessee	2,612	2,029	2,284	2,086	2,137	2,676
Texas	12,425	9,860	14,516	13,224	14,715	13,674
Utah	1,894	887	791	825	833	967
Vermont	141	86	68	63	88	147
Virginia	2,821	2,225	2,225	2,070	2,440	2,880
Washington	2,627	1,744	1,618	1,939	2,216	2,593
West Virginia	1,666	1,382	1,201	1,179	1,162	1,832
Wisconsin	3,981	2,449	2,176	1,868	2,762	3,818
Wyoming	553	307	268	290	366	547
Total	165,593	122,060	126,002	133,045	134,998	167,890

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	
	April	March	February	January	Total	December
Alabama	2,122	3,081	4,306	4,227	25,727	3,037
Alaska	1,868	2,504	2,156	2,367	20,003	2,301
Arizona	2,379	3,044	1,023	3,706	27,612	3,377
Arkansas	2,327	3,426	4,743	5,152	28,998	3,473
California	18,646	23,338	27,352	29,567	250,537	28,328
Colorado	6,378	8,401	9,756	10,263	71,665	9,380
Connecticut	3,390	5,275	5,853	5,888	31,428	3,525
Delaware	516	866	1,088	956	5,195	666
District of Columbia	1,637	1,530	1,923	2,376	16,229	1,909
Florida	3,369	3,851	3,946	4,621	41,387	3,754
Georgia	3,462	5,798	7,626	9,404	57,529	7,716
Hawaii	185	189	176	195	2,123	172
Idaho	769	1,118	1,453	1,505	10,675	1,543
Illinois	14,490	24,010	32,504	39,440	203,169	28,077
Indiana	6,222	10,241	13,810	16,015	78,101	11,401
Iowa	3,799	5,610	8,406	9,527	50,300	6,631
Kansas	3,906	5,119	7,018	8,400	56,024	6,565
Kentucky	2,358	4,753	6,027	8,205	37,819	5,432
Louisiana	2,029	2,743	3,574	3,918	25,164	2,764
Maine	181	302	364	458	2,311	316
Maryland	2,871	5,686	6,413	8,197	43,654	5,898
Massachusetts	5,901	11,423	10,940	10,166	65,430	7,097
Michigan	16,752	24,851	32,107	34,216	180,240	23,825
Minnesota	7,106	10,292	13,936	16,666	86,630	12,204
Mississippi	1,542	2,273	3,178	3,665	19,199	2,298
Missouri	5,574	8,511	16,737	13,804	69,670	9,124
Montana	1,102	1,468	1,940	1,848	13,884	1,996
Nebraska	2,696	4,041	5,414	5,430	34,728	4,260
Nevada	1,450	1,991	2,275	2,337	17,571	2,193
New Hampshire	581	863	1,097	1,261	6,142	770
New Jersey	12,546	19,171	22,594	22,534	128,942	15,142
New Mexico	2,038	2,795	3,383	3,485	27,914	4,021
New York	21,277	29,499	32,892	31,144	220,749	26,911
North Carolina	2,575	4,659	6,063	6,963	37,371	3,291
North Dakota	933	1,340	1,814	2,019	10,651	1,471
Ohio	14,513	22,737	29,332	33,609	164,088	23,034
Oklahoma	3,130	4,953	6,928	7,021	40,874	5,234
Oregon	1,831	2,474	3,158	3,379	24,054	3,551
Pennsylvania	11,668	19,713	21,558	25,060	131,779	17,829
Rhode Island	1,124	1,674	2,032	1,975	9,206	1,323
South Carolina	1,235	1,968	2,547	2,931	17,093	2,070
South Dakota	848	1,287	1,698	1,741	10,703	1,423
Tennessee	3,996	6,014	8,193	9,832	50,758	6,466
Texas	15,375	18,845	22,969	23,627	176,061	18,540
Utah	2,049	2,680	3,869	3,951	22,821	3,408
Vermont	263	335	446	467	2,382	324
Virginia	4,382	6,444	7,061	8,451	52,881	6,876
Washington	3,492	4,895	5,496	5,671	43,720	5,931
West Virginia	2,004	3,188	3,626	4,965	24,384	3,286
Wisconsin	6,756	10,096	12,906	14,756	77,108	10,938
Wyoming	879	1,076	1,422	1,371	10,279	1,397
Total	238,522	352,442	437,130	478,733	2,862,760	362,494

^a = Revised Data.

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		
				June	May	April
Alabama	98,198	86,002	92,802	16,315	16,135	15,736
Alaska	35,212	28,728	37,977	6,206	5,344	5,706
Arizona	13,347	11,948	10,130	2,009	2,222	2,290
Arkansas	69,381	67,671	60,445	10,731	11,319	10,832
California	340,927	325,561	309,639	58,071	59,714	60,911
Colorado	46,806	40,876	35,960	7,709	7,507	7,888
Connecticut	16,834	15,388	19,467	2,419	2,493	^a 2,938
Delaware	9,949	7,544	9,961	1,732	2,086	1,805
District of Columbia	0	0	0	0	0	0
Florida	66,672	56,926	49,056	10,556	10,563	^a 11,823
Georgia	94,513	82,811	82,042	15,742	16,275	17,840
Hawaii	0	0	0	0	0	0
Idaho ^a	17,139	14,474	15,136	2,833	2,807	2,844
Illinois	164,350	170,884	163,513	20,384	23,719	25,511
Indiana	148,459	137,086	136,485	18,959	21,040	23,122
Iowa	55,351	53,220	50,749	8,805	8,435	9,643
Kansas	92,182	85,469	70,613	12,977	15,410	15,294
Kentucky	49,924	43,291	38,689	6,744	7,283	7,780
Louisiana	523,266	470,682	472,104	82,953	87,166	91,270
Maine	931	843	825	155	171	182
Maryland	25,411	22,305	24,359	4,076	4,619	4,370
Massachusetts	57,145	44,332	38,553	9,477	8,608	9,663
Michigan	173,435	170,141	166,006	24,057	25,924	30,109
Minnesota	53,299	50,807	50,921	7,245	7,555	8,366
Mississippi	42,881	56,921	50,415	6,597	7,081	6,622
Missouri	41,062	35,211	32,321	4,262	4,781	6,310
Montana	8,595	6,695	6,029	1,246	1,448	^a 1,519
Nebraska	19,789	17,188	17,831	2,959	3,213	3,282
Nevada	13,973	13,795	11,503	2,374	2,569	2,138
New Hampshire	2,311	2,137	1,919	364	408	^a 503
New Jersey	104,521	98,208	97,840	13,838	16,326	18,433
New Mexico	12,301	8,933	7,770	1,780	1,937	1,795
New York	140,282	95,615	84,327	20,011	20,089	23,100
North Carolina	54,235	47,598	48,303	9,373	8,827	8,689
North Dakota	3,468	3,124	3,209	477	530	560
Ohio	174,036	160,282	159,986	22,389	24,768	27,784
Oklahoma	100,570	104,483	88,444	16,505	15,647	14,855
Oregon	33,934	30,801	30,354	5,236	5,617	5,543
Pennsylvania	128,506	117,743	128,582	18,152	18,758	21,158
Rhode Island	16,169	20,307	22,700	1,753	^a 3,028	3,054
South Carolina	50,929	47,165	47,706	9,393	8,911	8,688
South Dakota	3,443	2,693	2,526	553	566	581
Tennessee	63,944	59,013	64,174	10,040	^a 7,789	12,842
Texas	926,945	893,435	914,393	153,143	174,415	160,576
Utah	22,847	17,863	21,952	3,003	3,456	3,507
Vermont	1,121	1,046	1,061	162	177	199
Virginia	43,612	39,261	38,351	7,865	7,961	7,137
Washington	54,575	50,988	46,314	7,607	^a 7,832	9,430
West Virginia	25,817	24,602	26,275	3,843	4,209	4,114
Wisconsin	80,506	78,191	72,623	9,237	10,758	13,232
Wyoming	22,333	22,886	28,386	3,662	^a 3,625	3,861
Total	4,345,438	4,043,173	3,990,726	665,981	711,122	^a735,434

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		
	March	February	January	Total	December	November
Alabama	17,173	16,033	16,805	176,830	16,384	15,177
Alaska	6,444	4,957	6,555	63,904	6,330	5,910
Arizona	2,615	2,120	2,091	25,390	2,130	2,226
Arkansas	12,135	11,542	12,821	134,643	11,852	11,260
California	52,817	51,972	57,442	662,244	52,415	57,189
Colorado	7,707	7,980	8,015	79,453	8,601	6,948
Connecticut	3,340	2,961	2,685	31,050	2,781	2,784
Delaware	1,566	1,309	1,452	17,146	1,646	1,736
District of Columbia	0	0	0	0	0	0
Florida	11,418	10,574	11,739	121,119	11,841	10,712
Georgia	15,904	13,036	15,716	174,134	15,747	15,201
Hawaii	0	0	0	0	0	0
Idaho *	2,378	2,938	3,339	30,402	3,060	3,479
Illinois	28,626	32,670	33,440	317,663	36,148	25,813
Indiana	26,090	25,897	33,351	264,747	25,012	23,744
Iowa	10,122	9,621	8,725	108,254	9,572	9,648
Kansas	15,954	13,132	19,415	177,064	16,162	20,599
Kentucky	8,971	9,512	9,634	85,162	8,239	7,829
Louisiana	85,321	83,463	93,094	976,956	87,148	81,676
Maine	150	137	136	1,771	155	187
Maryland	5,418	3,542	3,387	47,836	4,489	4,172
Massachusetts	9,922	*10,020	9,455	91,789	8,262	8,467
Michigan	31,262	30,640	31,442	324,353	29,236	28,329
Minnesota	8,693	9,732	11,708	102,631	10,655	8,598
Mississippi	7,563	7,131	7,886	97,655	7,720	6,870
Missouri	7,640	8,817	9,252	71,481	8,611	7,656
Montana	*1,616	*1,243	1,524	13,948	1,550	1,340
Nebraska	3,472	3,229	3,635	33,727	3,403	3,008
Nevada	2,162	2,155	2,576	29,327	2,706	2,567
New Hampshire	441	281	314	4,544	355	474
New Jersey	18,234	18,601	19,089	195,616	17,858	14,767
New Mexico	1,752	1,583	3,454	18,762	1,560	1,781
New York	25,952	25,858	25,272	184,906	18,966	16,767
North Carolina	9,661	8,359	9,326	100,262	8,913	9,306
North Dakota	648	625	628	5,947	657	508
Ohio	31,678	34,062	33,355	306,543	30,390	27,339
Oklahoma	17,136	15,263	21,164	202,943	17,668	16,570
Oregon	5,875	5,550	6,113	62,534	5,637	5,854
Pennsylvania	22,875	23,032	24,532	234,302	22,553	20,505
Rhode Island	2,753	2,613	2,968	40,591	3,454	3,659
South Carolina	10,027	6,942	6,968	101,318	9,360	9,636
South Dakota	536	620	587	5,508	614	641
Tennessee	10,957	10,828	11,488	113,039	10,769	10,150
Texas	151,913	138,944	147,954	1,742,931	138,916	137,586
Utah	3,453	3,966	5,460	36,678	4,555	3,360
Vermont	192	181	210	2,123	211	180
Virginia	6,395	6,315	7,939	83,948	7,497	6,371
Washington	9,784	9,279	10,644	107,547	10,796	9,824
West Virginia	4,646	4,358	4,646	47,279	4,350	3,957
Wisconsin	14,703	15,794	16,783	143,178	11,747	13,018
Wyoming	3,349	3,669	4,168	46,168	4,387	3,972
Total	*739,436	*713,083	780,382	8,047,346	723,068	689,351

See footnotes at end of table.

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

State	1994					
	October	September	August	July	June	May
Alabama	15,151	14,853	14,910	14,352	14,145	13,822
Alaska	6,239	5,314	5,827	5,555	4,459	4,390
Arizona	2,201	2,050	2,422	2,414	2,277	2,329
Arkansas	11,240	11,116	10,813	10,690	10,659	10,038
California	53,082	55,925	58,068	60,003	59,297	49,015
Colorado	6,150	5,002	6,123	5,751	4,814	5,564
Connecticut	2,638	2,467	2,781	2,210	2,286	2,227
Delaware	1,845	1,548	1,436	1,390	1,611	1,365
District of Columbia	0	0	0	0	0	0
Florida	10,593	10,285	10,511	10,251	9,877	8,714
Georgia	16,237	14,962	15,093	14,083	14,538	14,703
Hawaii	0	0	0	0	0	0
Idaho	2,625	2,190	2,277	2,297	2,148	2,352
Illinois	23,836	20,932	20,764	19,285	21,429	22,668
Indiana	22,305	20,024	18,385	18,190	19,335	19,439
Iowa	10,360	8,947	8,506	8,002	8,473	8,505
Kansas	16,411	12,665	13,054	12,705	15,810	11,236
Kentucky	7,439	6,353	6,257	5,755	5,815	6,538
Louisiana	86,621	84,441	84,896	81,493	81,007	74,577
Maine	169	148	149	121	139	166
Maryland	4,459	3,970	4,344	4,097	3,944	3,735
Massachusetts	7,907	7,707	7,578	7,537	7,866	6,710
Michigan	26,346	24,153	23,174	22,972	23,243	25,035
Minnesota	9,689	7,460	8,258	7,164	7,449	7,984
Mississippi	6,881	6,437	6,455	6,371	9,517	10,910
Missouri	6,218	5,462	4,221	4,102	4,136	4,597
Montana	1,356	1,062	1,043	902	1,029	1,054
Nebraska	2,384	2,571	2,537	2,636	2,607	2,415
Nevada	2,559	2,529	2,604	2,568	2,427	2,616
New Hampshire	456	383	407	334	364	369
New Jersey	16,446	16,330	16,071	15,936	18,017	16,244
New Mexico	1,848	1,610	1,553	1,477	1,309	1,559
New York	15,318	13,132	13,769	11,339	14,194	14,009
North Carolina	9,588	8,571	8,729	7,557	8,519	8,362
North Dakota	478	469	371	339	396	478
Ohio	25,049	22,333	21,927	19,223	20,706	22,707
Oklahoma	16,919	15,040	16,505	15,758	15,064	16,270
Oregon	5,570	4,939	4,999	4,733	4,963	5,095
Pennsylvania	20,104	17,887	18,496	17,015	17,353	17,275
Rhode Island	3,369	2,496	3,714	3,592	3,513	3,494
South Carolina	10,417	8,625	8,569	7,546	8,433	8,095
South Dakota	493	387	370	309	374	386
Tennessee	8,870	6,461	9,480	8,294	8,168	9,720
Texas	134,278	172,017	132,171	134,528	141,898	148,311
Utah	3,228	2,661	2,558	2,454	2,495	2,626
Vermont	184	201	158	143	153	156
Virginia	7,119	7,844	7,437	8,421	10,237	5,787
Washington	9,418	8,739	9,185	8,598	8,556	7,009
West Virginia	3,694	3,494	3,635	3,547	3,393	3,922
Wisconsin	11,433	9,993	9,849	8,947	9,110	10,311
Wyoming	5,575	3,622	2,533	3,194	3,348	3,525
Total	672,798	667,808	634,966	616,183	640,901	628,411

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	
	April	March	February	January	Total	December
Alabama	14,313	15,147	13,632	14,944	181,692	16,062
Alaska	4,507	5,038	4,832	5,503	75,795	6,716
Arizona	1,956	1,865	1,392	2,129	21,164	2,186
Arkansas	10,468	13,219	9,872	13,415	119,401	12,134
California	57,051	52,479	53,255	54,465	659,723	58,559
Colorado	6,658	7,388	7,711	8,741	69,024	6,060
Connecticut	2,462	2,984	2,417	3,013	36,842	3,231
Delaware	985	1,266	1,157	1,161	19,453	1,511
District of Columbia	0	0	0	0	0	0
Florida	9,332	9,832	9,151	10,021	100,705	9,819
Georgia	14,137	14,442	12,604	12,388	167,388	14,976
Hawaii	0	0	0	0	0	0
Idaho *	2,365	2,464	2,511	2,634	29,146	2,666
Illinois	24,893	30,580	33,921	37,393	305,014	30,365
Indiana	20,981	24,729	25,187	27,415	263,283	25,064
Iowa	8,907	9,315	8,408	9,612	102,592	9,348
Kansas	12,738	20,314	12,617	12,753	139,032	12,984
Kentucky	6,786	7,619	7,497	9,035	76,020	8,266
Louisiana	73,420	72,548	79,597	89,533	973,682	85,728
Maine	121	125	144	148	1,753	159
Maryland	4,390	5,196	2,396	2,644	48,842	4,094
Massachusetts	6,648	8,191	7,273	7,645	94,658	10,565
Michigan	26,907	30,267	32,167	32,523	312,050	28,948
Minnesota	8,749	8,341	8,281	10,002	97,771	9,323
Mississippi	8,422	8,884	9,081	10,107	100,166	9,618
Missouri	4,802	6,125	8,606	6,945	60,982	5,944
Montana	1,072	1,082	1,152	1,306	12,690	1,267
Nebraska	3,013	3,248	2,831	3,075	38,677	4,234
Nevada	2,065	2,264	2,106	2,317	24,734	2,271
New Hampshire	336	420	299	349	3,805	324
New Jersey	15,855	17,827	13,682	16,583	188,889	15,861
New Mexico	1,483	1,610	1,392	1,579	17,023	1,741
New York	15,511	17,088	16,527	18,285	160,406	16,671
North Carolina	8,207	8,694	7,173	6,643	92,309	5,541
North Dakota	477	582	550	642	6,096	537
Ohio	23,917	29,700	30,601	32,651	301,261	32,688
Oklahoma	15,320	17,311	21,056	19,463	179,406	16,534
Oregon	5,278	5,216	4,934	5,315	60,617	5,132
Pennsylvania	19,205	21,368	20,109	22,434	241,508	21,322
Rhode Island	3,138	3,473	3,150	3,540	46,031	3,864
South Carolina	8,497	9,089	6,891	6,160	95,557	7,608
South Dakota	376	503	481	573	4,976	614
Tennessee	9,809	10,642	10,446	10,229	124,306	10,853
Texas	145,998	143,476	159,891	153,861	1,882,288	157,014
Utah	2,564	2,794	3,515	3,870	42,301	5,431
Vermont	166	261	160	151	2,045	187
Virginia	4,995	5,840	6,622	5,779	72,949	4,005
Washington	9,267	9,161	8,320	8,674	92,274	8,304
West Virginia	3,775	4,448	4,069	4,995	51,435	4,540
Wisconsin	11,751	15,470	15,134	16,415	134,073	13,831
Wyoming	4,028	3,840	3,960	4,183	54,214	4,235
Total	648,101	693,768	698,754	733,238	7,986,047	718,936

* 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.

* = Revised Data.

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

Source: Form EIA-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		
				June	May	April
Alabama	1,974	1,585	1,598	623	293	209
Alaska	14,921	13,715	14,086	2,319	2,615	2,335
Arizona	5,614	8,676	7,759	1,027	707	1,002
Arkansas	11,761	7,955	3,089	4,070	3,167	2,243
California	157,351	255,634	201,473	18,651	18,187	25,880
Colorado	1,907	2,549	2,469	447	220	282
Connecticut	11,100	173	137	2,202	2,414	1,645
Delaware	11,013	6,053	2,020	1,730	1,236	2,145
District of Columbia	0	0	0	0	0	0
Florida	146,768	78,624	82,071	33,287	31,358	29,875
Georgia	1,808	526	587	706	629	231
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	15,297	17,065	3,298	4,010	1,406	1,759
Indiana	2,676	4,271	2,520	616	432	167
Iowa	1,042	1,261	1,158	355	123	246
Kansas	8,761	10,778	5,816	2,582	1,203	1,286
Kentucky	366	198	103	33	95	26
Louisiana	144,175	111,132	86,314	35,649	28,330	22,135
Maine	0	0	0	0	0	0
Maryland	4,942	3,019	2,357	1,568	538	535
Massachusetts	27,655	9,546	12,155	8,232	7,090	6,731
Michigan	14,517	8,522	9,020	3,035	2,465	2,752
Minnesota	3,530	2,235	1,248	931	729	464
Mississippi	51,608	24,363	13,000	12,311	10,347	6,102
Missouri	3,948	1,535	593	1,150	689	749
Montana	88	196	66	47	14	3
Nebraska	816	2,054	662	211	113	134
Nevada	16,032	12,155	9,438	3,222	3,051	1,928
New Hampshire	940	438	133	528	395	0
New Jersey	14,383	15,191	9,312	3,563	2,112	1,194
New Mexico	16,435	15,226	13,543	2,839	2,986	3,044
New York	109,109	54,991	79,155	25,784	20,520	16,880
North Carolina	607	809	1,036	158	195	168
North Dakota	1	1	0	0	0	0
Ohio	1,469	2,105	1,588	504	178	251
Oklahoma	67,081	61,971	63,973	15,774	12,758	12,326
Oregon	7,038	8,763	5,193	0	230	842
Pennsylvania	10,029	3,100	4,407	3,276	1,161	1,122
Rhode Island	7	479	82	7	0	0
South Carolina	1,367	522	462	471	185	7
South Dakota	134	62	68	98	7	6
Tennessee	73	660	218	73	0	0
Texas	490,137	483,003	455,317	103,026	97,058	79,799
Utah	4,541	2,835	3,475	175	848	900
Vermont	65	63	116	4	3	2
Virginia	8,451	7,154	8,357	213	1,248	1,093
Washington	1,238	143	4,562	21	8	8
West Virginia	232	130	63	36	39	80
Wisconsin	2,578	2,019	1,453	1,123	204	228
Wyoming	52	63	61	4	7	7
Total	1,395,636	1,243,547	1,115,609	296,692	257,592	228,820

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		
	March	February	January	Total	December	November
Alabama	321	244	284	3,834	326	266
Alaska	2,580	2,170	2,903	29,048	2,930	2,849
Arizona	969	783	1,126	23,716	933	1,176
Arkansas	1,738	239	303	24,977	311	672
California	30,550	26,826	37,257	601,290	49,192	49,380
Colorado	419	209	330	4,881	357	631
Connecticut	1,969	1,353	1,516	8,002	940	1,278
Delaware	2,358	1,782	1,761	17,399	1,696	1,721
District of Columbia	0	0	0	0	0	0
Florida	26,012	12,634	13,603	180,697	14,569	16,187
Georgia	82	82	79	1,028	87	54
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	4,034	2,472	1,615	34,505	3,014	1,733
Indiana	362	547	552	9,009	606	395
Iowa	126	78	114	2,696	208	152
Kansas	1,242	1,214	1,234	27,279	1,137	1,188
Kentucky	54	79	78	350	25	26
Louisiana	21,518	16,135	20,408	277,116	17,953	20,325
Maine	0	0	0	0	0	0
Maryland	448	1,191	661	12,718	577	461
Massachusetts	3,824	871	906	38,567	414	5,750
Michigan	2,895	1,736	1,635	18,218	1,705	1,743
Minnesota	356	577	473	5,826	487	432
Mississippi	7,581	7,331	7,935	82,541	7,988	8,680
Missouri	803	390	167	4,351	195	120
Montana	9	4	11	632	48	72
Nebraska	205	68	85	3,061	139	152
Nevada	2,922	3,000	1,907	32,246	1,279	1,259
New Hampshire	0	0	17	1,277	1	89
New Jersey	3,007	2,224	2,282	42,625	2,232	2,472
New Mexico	2,450	2,660	2,455	32,214	2,466	2,477
New York	18,594	12,610	14,721	182,521	16,100	17,535
North Carolina	74	13	0	871	4	0
North Dakota	0	0	0	3	0	0
Ohio	225	246	66	2,818	58	69
Oklahoma	10,292	6,975	8,956	153,109	10,380	11,315
Oregon	1,582	1,536	2,847	26,132	3,149	2,947
Pennsylvania	1,579	1,535	1,356	12,716	900	2,003
Rhode Island	0	0	0	546	0	0
South Carolina	695	3	7	3,005	665	632
South Dakota	1	19	3	159	3	9
Tennessee	0	0	0	1,019	0	0
Texas	90,251	55,300	64,703	1,049,205	61,644	72,208
Utah	904	771	944	8,900	947	916
Vermont	19	13	24	166	1	6
Virginia	1,639	2,128	2,131	19,219	1,862	1,621
Washington	108	228	865	2,461	1	2
West Virginia	20	23	34	243	19	14
Wisconsin	336	404	285	3,821	330	218
Wyoming	14	6	15	129	8	7
Total	245,166	168,710	198,657	2,987,146	207,886	231,242

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					
	October	September	August	July	June	May
Alabama	484	321	402	450	507	314
Alaska	2,730	2,442	2,331	2,050	2,047	2,163
Arizona	1,321	2,414	5,662	3,535	3,923	1,204
Arkansas	2,197	3,527	5,390	4,926	4,389	1,588
California	55,942	61,634	75,054	54,454	44,213	36,439
Colorado	146	305	601	292	564	429
Connecticut	1,614	1,407	1,784	805	97	4
Delaware	2,126	1,689	2,266	1,848	1,613	1,038
District of Columbia	0	0	0	0	0	0
Florida	14,811	18,292	19,192	19,022	16,666	17,726
Georgia	9	90	86	176	262	31
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	4,570	2,311	2,771	3,041	4,124	2,229
Indiana	550	1,008	1,052	1,128	1,352	255
Iowa	127	351	286	310	546	221
Kansas	2,390	2,550	4,714	4,523	4,456	2,083
Kentucky	21	25	26	29	47	31
Louisiana	21,008	29,554	42,573	34,570	31,568	20,246
Maine	0	0	0	0	0	0
Maryland	527	1,609	2,427	4,098	1,552	399
Massachusetts	5,506	5,967	5,449	5,936	4,365	1,849
Michigan	1,958	1,564	1,342	1,385	1,602	1,113
Minnesota	674	643	708	647	800	538
Mississippi	10,069	11,127	10,594	9,719	8,604	4,712
Missouri	595	824	443	639	871	231
Montana	19	150	109	39	67	6
Nebraska	159	168	155	235	741	413
Nevada	2,896	4,459	5,509	4,689	3,536	2,929
New Hampshire	135	69	150	394	368	69
New Jersey	2,028	4,461	5,631	10,610	8,562	2,121
New Mexico	2,688	2,711	3,403	3,243	3,288	2,377
New York	18,695	17,863	26,145	31,193	21,939	12,121
North Carolina	0	32	15	10	408	13
North Dakota	0	0	1	1	0	0
Ohio	87	155	160	184	1,114	125
Oklahoma	11,858	15,906	20,081	21,597	16,656	12,208
Oregon	3,031	2,835	2,964	2,444	246	2
Pennsylvania	2,059	1,844	1,374	1,434	963	164
Rhode Island	0	0	21	46	61	71
South Carolina	1,074	63	11	38	329	86
South Dakota	44	7	24	9	34	6
Tennessee	49	15	121	175	0	0
Texas	86,324	90,569	126,369	129,088	122,224	86,789
Utah	1,121	1,222	1,181	679	495	497
Vermont	3	47	17	31	38	3
Virginia	1,757	2,152	2,257	2,416	2,447	1,001
Washington	292	1,049	954	20	10	4
West Virginia	30	20	16	14	19	31
Wisconsin	217	496	281	261	800	125
Wyoming	15	7	15	14	14	15
Total	263,958	295,956	382,114	362,444	318,528	216,022

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	
	April	March	February	January	Total	December
Alabama	176	158	210	220	4,636	291
Alaska	2,196	2,434	2,250	2,625	28,025	2,738
Arizona	806	760	1,073	911	20,480	1,216
Arkansas	1,119	270	281	308	21,191	336
California	47,579	43,860	39,438	44,105	466,061	48,489
Colorado	452	421	344	339	4,860	371
Connecticut	7	15	24	27	557	23
Delaware	499	1,262	709	932	8,665	1,367
District of Columbia	0	0	0	0	0	0
Florida	13,429	11,520	8,863	10,420	174,361	9,977
Georgia	114	49	16	54	3,026	30
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	4,392	2,751	1,596	1,973	16,022	2,021
Indiana	568	734	466	896	5,667	508
Iowa	138	137	83	136	4,303	150
Kansas	1,385	931	896	1,026	21,636	924
Kentucky	26	28	21	45	269	19
Louisiana	21,292	14,995	9,687	13,343	243,963	13,397
Maine	0	0	0	0	0	0
Maryland	292	374	161	241	8,817	541
Massachusetts	1,591	1,558	58	124	28,793	402
Michigan	1,000	1,878	1,538	1,392	18,898	1,290
Minnesota	368	254	118	157	3,910	329
Mississippi	3,768	3,405	1,866	2,007	39,900	1,742
Missouri	211	42	52	129	4,891	70
Montana	14	7	12	90	270	41
Nebraska	553	204	49	94	1,876	98
Nevada	1,873	1,686	938	1,192	21,305	1,304
New Hampshire	0	0	0	0	136	0
New Jersey	1,150	942	1,081	1,335	35,631	993
New Mexico	2,633	2,783	2,051	2,093	27,725	1,730
New York	9,301	6,304	2,471	2,856	171,803	5,333
North Carolina	69	113	107	98	2,911	167
North Dakota	0	0	0	0	1	0
Ohio	122	92	140	513	2,737	66
Oklahoma	8,627	7,317	8,110	9,052	153,666	10,061
Oregon	880	2,319	2,398	2,918	16,167	2,860
Pennsylvania	248	814	310	601	8,304	233
Rhode Island	24	71	129	123	387	85
South Carolina	53	28	19	6	1,851	17
South Dakota	8	5	2	7	186	3
Tennessee	0	0	0	660	1,531	8
Texas	75,990	74,052	59,984	63,963	1,072,506	62,194
Utah	358	421	515	548	6,305	568
Vermont	20	0	1	0	268	1
Virginia	367	663	720	1,956	19,735	2,005
Washington	5	5	4	116	4,899	309
West Virginia	7	36	15	22	133	8
Wisconsin	212	214	344	324	3,070	180
Wyoming	9	13	7	5	87	4
Total	203,934	185,924	149,156	169,983	2,682,440	174,498

* 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		
				June	May	April
Alabama	148,625	140,516	145,660	19,769	20,110	21,609
Alaska	72,688	62,675	71,874	10,693	10,505	11,976
Arizona	53,884	49,687	51,913	6,339	7,045	8,303
Arkansas	125,057	122,869	112,539	17,254	17,778	18,195
California	944,276	1,012,703	938,286	124,769	141,358	154,613
Colorado	160,437	151,309	153,646	18,346	22,689	24,514
Connecticut	77,623	70,373	67,153	7,918	9,918	^a 12,497
Delaware	30,375	24,089	21,280	3,940	4,148	5,314
District of Columbia	20,821	21,100	21,856	1,357	1,973	2,909
Florida	244,035	166,849	162,906	47,482	45,786	^a 46,196
Georgia	191,179	181,142	184,941	22,289	23,816	27,883
Hawaii	1,428	1,415	1,376	238	234	232
Idaho	32,545	27,372	29,687	3,860	4,430	5,070
Illinois	594,084	622,540	589,512	42,836	54,787	85,688
Indiana	299,101	301,481	289,753	25,704	32,844	42,802
Iowa	137,891	139,145	136,069	12,281	15,985	21,295
Kansas	177,754	175,564	168,441	19,741	23,790	26,420
Kentucky	110,242	108,702	101,546	8,974	11,474	13,575
Louisiana	714,997	634,019	609,184	122,360	119,501	118,966
Maine	2,896	2,927	2,767	260	347	474
Maryland	104,530	105,769	103,340	9,864	11,206	14,732
Massachusetts	205,329	186,885	172,276	25,290	30,816	^a 35,132
Michigan	535,426	557,272	525,970	43,845	60,498	86,537
Minnesota	187,423	192,062	181,711	14,198	18,611	27,961
Mississippi	123,780	113,164	93,640	20,881	19,726	^a 15,834
Missouri	167,729	184,422	168,745	11,454	15,878	21,440
Montana	28,205	25,470	26,374	2,479	3,588	^a 4,549
Nebraska	71,406	71,620	70,586	6,476	8,601	10,587
Nevada	55,216	49,367	44,321	7,951	8,747	8,009
New Hampshire	11,566	11,634	10,458	1,344	1,548	^a 1,824
New Jersey	328,603	345,506	315,904	28,667	36,417	49,894
New Mexico	60,238	55,747	52,683	7,537	8,448	9,223
New York	629,755	560,986	547,468	71,582	78,670	98,827
North Carolina	110,393	105,727	105,911	12,302	12,724	15,678
North Dakota	17,894	17,445	16,733	1,273	1,902	2,884
Ohio	500,429	513,374	491,128	36,390	49,734	72,814
Oklahoma	237,559	241,507	232,271	36,292	34,687	35,319
Oregon	72,783	70,021	69,783	7,480	9,474	11,232
Pennsylvania	383,807	398,909	389,610	33,007	40,535	57,917
Rhode Island	35,664	41,538	41,969	2,992	^a 5,030	6,139
South Carolina	79,751	75,562	75,039	11,358	10,890	11,808
South Dakota	18,034	17,216	17,033	1,460	2,001	2,894
Tennessee	136,133	133,604	134,851	14,104	^a 13,138	20,681
Texas	1,636,246	1,624,733	1,605,895	273,611	297,362	271,071
Utah	71,613	60,963	72,662	6,259	8,948	11,179
Vermont	4,374	4,642	4,429	333	456	744
Virginia	127,883	123,064	122,070	12,255	15,922	17,647
Washington	114,732	107,025	111,371	11,757	^a 13,813	18,457
West Virginia	62,663	67,553	63,884	5,611	7,367	9,224
Wisconsin	217,151	217,367	203,362	16,266	21,437	33,465
Wyoming	37,209	35,833	42,714	4,970	5,551	6,109
Total	10,513,461	10,332,464	9,974,581	1,255,699	1,422,442	^a1,638,344

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		
	March	February	January	Total	December	November
Alabama	28,494	29,488	29,155	255,810	24,186	19,722
Alaska	13,832	11,776	13,906	128,545	14,158	12,193
Arizona	9,160	10,657	12,380	101,319	11,429	7,728
Arkansas	23,271	23,142	25,417	228,790	20,458	16,565
California	^a 159,659	155,129	^a 208,747	2,048,081	204,041	188,213
Colorado	28,810	31,858	34,220	249,015	31,345	20,586
Connecticut	16,064	16,080	15,147	120,003	12,466	9,510
Delaware	6,151	5,464	5,357	48,810	4,790	4,274
District of Columbia	4,331	5,464	4,787	31,530	3,502	2,065
Florida	42,869	29,934	31,768	356,303	31,239	30,863
Georgia	32,470	40,329	44,394	334,312	37,938	29,052
Hawaii	237	232	253	2,778	235	236
Idaho	5,699	6,017	7,469	52,737	6,946	6,026
Illinois	111,222	140,654	158,896	1,024,188	129,206	88,245
Indiana	55,386	66,649	75,717	513,668	55,428	46,351
Iowa	25,580	29,032	33,718	239,642	28,122	21,279
Kansas	32,142	32,635	43,026	332,521	34,946	31,819
Kentucky	20,931	26,705	28,582	184,444	22,111	15,986
Louisiana	116,211	111,647	126,313	1,332,370	113,461	106,676
Maine	550	649	616	5,045	581	472
Maryland	19,810	25,778	23,139	182,472	19,967	13,723
Massachusetts	38,898	^a 39,092	36,102	337,010	30,162	29,438
Michigan	106,549	119,844	118,153	897,180	98,093	72,478
Minnesota	35,192	43,341	48,120	322,307	41,427	27,938
Mississippi	21,233	22,287	23,819	227,949	20,966	18,491
Missouri	32,649	42,246	44,063	281,336	33,157	20,246
Montana	^a 5,701	^a 5,219	6,669	46,346	6,634	4,982
Nebraska	13,560	15,095	17,087	120,327	14,033	9,245
Nevada	9,141	10,401	10,967	101,423	10,418	7,108
New Hampshire	2,222	2,304	2,324	18,805	1,861	1,424
New Jersey	65,396	76,069	72,159	582,459	60,739	40,578
New Mexico	9,259	10,611	15,160	109,671	12,677	11,348
New York	125,337	129,335	125,804	981,957	103,296	78,515
North Carolina	21,035	24,233	24,422	185,916	19,233	15,617
North Dakota	3,622	3,983	4,230	27,395	3,294	2,557
Ohio	97,476	122,602	121,412	821,861	95,102	66,214
Oklahoma	42,587	39,495	49,179	465,429	42,394	34,642
Oregon	13,542	13,430	17,623	140,349	17,444	14,437
Pennsylvania	75,394	89,946	87,008	654,269	71,347	52,474
Rhode Island	7,126	7,259	7,117	71,333	6,751	5,783
South Carolina	16,433	14,731	14,530	146,272	15,010	13,269
South Dakota	3,478	3,959	4,241	28,111	3,895	2,705
Tennessee	25,227	31,305	31,677	222,462	24,119	17,253
Texas	285,034	240,628	268,540	3,195,409	243,844	240,019
Utah	12,720	14,078	18,428	121,115	17,868	14,807
Vermont	896	971	974	7,344	817	502
Virginia	23,425	29,101	29,533	220,906	24,304	17,213
Washington	21,820	21,865	27,020	206,516	26,462	20,522
West Virginia	11,905	14,639	13,917	110,788	11,548	8,350
Wisconsin	41,526	50,917	53,541	359,282	42,759	31,935
Wyoming	6,100	6,495	7,983	67,288	7,388	6,126
Total	^a 1,927,361	^a 2,044,805	^a 2,224,810	18,851,199	1,913,598	1,557,801

See footnotes at end of table.

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

State	1994					
	October	September	August	July	June	May
Alabama	18,488	17,829	17,799	17,270	17,390	17,796
Alaska	11,520	9,428	9,494	9,077	8,318	9,067
Arizona	6,300	6,944	10,589	8,641	9,213	7,042
Arkansas	16,146	17,011	18,057	17,683	17,360	14,804
California	152,956	154,234	170,913	165,021	148,798	145,479
Colorado	13,516	10,009	11,345	10,905	11,662	17,498
Connecticut	8,072	6,444	7,265	5,874	5,741	6,763
Delaware	4,460	3,595	4,022	3,580	3,722	3,071
District of Columbia	1,367	1,173	1,112	1,212	1,382	1,756
Florida	28,968	32,219	33,310	32,855	30,263	30,379
Georgia	24,945	20,452	21,025	19,758	20,554	22,485
Hawaii	221	228	219	223	233	229
Idaho	3,777	2,856	2,793	2,966	2,890	3,396
Illinois	64,034	41,631	40,068	38,464	43,515	53,445
Indiana	34,237	27,202	24,813	24,155	26,643	30,385
Iowa	15,798	12,651	11,658	10,988	12,446	14,821
Kansas	24,875	19,300	23,338	22,680	25,216	19,398
Kentucky	12,197	8,860	8,511	8,078	8,226	10,320
Louisiana	111,163	117,192	130,500	119,360	116,000	98,865
Maine	354	261	241	208	250	343
Maryland	10,927	9,797	10,294	11,994	9,824	10,471
Massachusetts	25,035	22,091	21,669	21,731	21,611	20,371
Michigan	54,182	40,201	37,656	37,299	41,227	56,893
Minnesota	20,738	13,714	13,903	12,525	13,661	17,368
Mississippi	19,004	19,465	18,875	17,985	20,005	17,767
Missouri	13,069	11,552	9,211	9,678	10,761	13,893
Montana	3,424	2,172	1,898	1,766	2,164	2,768
Nebraska	6,325	5,582	7,168	6,353	6,739	7,035
Nevada	7,422	8,591	9,602	8,915	7,977	7,990
New Hampshire	1,171	828	849	1,037	1,183	1,176
New Jersey	35,574	31,941	31,731	36,389	37,949	33,586
New Mexico	8,855	6,558	7,518	6,968	6,894	6,527
New York	63,682	51,252	60,042	64,186	60,855	61,735
North Carolina	13,162	11,239	11,104	9,834	11,645	11,813
North Dakota	1,393	1,020	842	843	962	1,587
Ohio	49,357	34,137	33,040	30,638	36,588	49,135
Oklahoma	32,599	34,168	39,538	40,581	35,277	34,192
Oregon	10,955	9,331	9,372	8,789	7,369	7,740
Pennsylvania	43,060	30,694	29,704	28,081	31,425	38,063
Rhode Island	4,709	3,328	4,782	4,440	4,749	5,362
South Carolina	13,355	10,115	9,994	8,968	10,677	9,956
South Dakota	1,577	1,001	977	740	1,028	1,526
Tennessee	13,193	9,646	12,962	11,683	11,650	14,383
Texas	242,275	279,952	280,237	284,350	287,161	258,947
Utah	10,088	6,227	5,836	5,326	5,226	5,668
Vermont	421	389	288	285	364	446
Virginia	15,059	13,664	13,310	14,292	16,982	12,301
Washington	14,896	12,796	12,796	12,019	12,743	12,254
West Virginia	6,896	5,684	5,478	5,280	5,498	7,621
Wisconsin	21,925	16,172	15,187	13,936	15,745	20,117
Wyoming	6,813	4,274	3,077	3,777	4,084	4,747
Total	1,324,535	1,217,103	1,266,012	1,239,687	1,249,845	1,260,781

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	
	April	March	February	January	Total	December
Alabama	21,167	25,318	28,798	30,047	263,421	26,117
Alaska	10,051	11,928	11,000	12,311	137,680	13,527
Arizona	7,279	9,321	4,434	12,398	97,417	11,345
Arkansas	17,669	22,572	22,868	27,597	215,135	22,126
California	158,583	172,141	187,002	200,700	1,877,290	205,889
Colorado	23,295	29,814	33,320	35,719	251,736	30,339
Connecticut	9,927	14,850	16,312	16,780	111,040	11,880
Delaware	2,897	4,906	4,830	4,662	41,608	4,518
District of Columbia	3,084	4,044	5,036	5,797	32,818	4,043
Florida	27,347	26,759	24,153	27,947	331,289	25,257
Georgia	23,017	32,341	37,004	45,741	343,598	43,255
Hawaii	236	241	228	248	2,681	219
Idaho	4,132	5,009	5,883	6,062	52,379	6,266
Illinois	78,335	115,086	149,184	182,976	1,019,517	135,597
Indiana	40,653	56,421	67,654	79,724	510,995	61,363
Iowa	19,342	24,673	31,598	36,265	240,483	27,845
Kansas	23,896	35,123	33,952	37,979	301,586	32,044
Kentucky	12,741	20,748	24,019	32,648	181,016	25,228
Louisiana	100,880	97,030	102,460	118,783	1,299,439	109,785
Maine	371	543	644	777	4,966	604
Maryland	13,512	22,108	23,147	26,706	178,185	21,311
Massachusetts	25,615	39,381	40,557	39,350	310,109	32,419
Michigan	78,223	107,814	131,618	141,496	880,988	104,753
Minnesota	27,084	34,202	45,464	54,284	311,712	40,025
Mississippi	15,999	18,065	19,349	21,979	187,611	17,489
Missouri	21,583	31,363	57,407	49,417	269,716	33,782
Montana	3,793	4,743	6,027	5,973	47,204	6,264
Nebraska	10,290	13,605	16,876	17,074	123,537	15,413
Nevada	6,862	8,446	8,649	9,443	84,293	9,028
New Hampshire	1,581	2,208	2,582	2,904	16,577	1,884
New Jersey	46,837	68,354	76,303	82,478	549,030	58,500
New Mexico	8,220	10,520	11,596	11,990	104,504	13,295
New York	82,363	110,871	121,437	123,725	937,173	98,484
North Carolina	14,395	20,130	22,889	24,854	179,694	15,731
North Dakota	2,441	3,371	4,383	4,702	27,464	3,465
Ohio	67,683	99,853	119,914	140,201	822,195	107,210
Oklahoma	33,126	39,683	49,842	49,386	452,306	42,503
Oregon	10,380	13,362	14,857	16,312	130,615	16,439
Pennsylvania	54,084	81,931	90,079	103,327	650,587	76,812
Rhode Island	6,024	7,975	8,656	8,772	75,346	7,295
South Carolina	11,310	14,107	14,422	15,090	138,846	13,348
South Dakota	2,274	3,366	4,448	4,574	28,295	3,807
Tennessee	18,395	24,382	30,291	34,503	235,514	26,330
Texas	252,669	261,919	279,940	284,096	3,362,654	270,857
Utah	8,495	10,726	15,228	15,620	123,005	17,027
Vermont	710	965	1,063	1,095	7,225	796
Virginia	14,248	22,291	26,562	30,680	211,037	22,892
Washington	17,285	20,735	21,638	22,370	194,151	22,854
West Virginia	9,059	12,795	14,036	18,544	111,160	12,906
Wisconsin	29,847	42,703	51,211	57,744	344,385	43,513
Wyoming	6,052	6,318	7,201	7,431	77,242	7,366
Total	1,485,342	1,867,160	2,128,052	2,341,283	18,488,454	1,961,045

^R = Revised Data.

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				
				June	May	April	March	February
Alabama	2.74	3.46	3.41	3.58	3.34	2.90	2.45	2.60
Alaska	1.69	1.64	0.33	1.60	1.70	1.79	1.66	1.67
Arizona	2.09	2.73	2.50	2.17	2.00	1.78	1.83	2.42
Arkansas	2.35	2.72	2.57	2.25	2.36	2.41	2.29	2.34
California	1.97	2.81	2.82	1.85	2.03	2.12	1.90	1.96
Colorado	2.69	3.49	2.78	2.96	2.41	^a 3.04	2.56	2.70
Connecticut	4.72	3.74	3.82	5.11	5.28	4.74	4.60	4.73
Delaware	2.81	3.12	3.28	3.38	3.20	3.11	2.47	2.45
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.58	3.05	2.79	2.77	2.53	2.91	2.71	2.34
Georgia	2.97	3.63	3.64	3.16	3.15	2.85	3.45	2.54
Hawaii	5.05	4.57	6.02	5.98	4.38	4.52	5.42	5.14
Idaho	2.21	2.51	2.05	2.43	2.28	2.21	2.23	2.29
Illinois	2.50	3.26	3.41	3.14	3.16	2.40	2.33	2.28
Indiana	2.77	3.09	3.11	3.63	3.11	2.81	2.95	2.35
Iowa	2.75	3.26	3.17	3.39	3.10	2.97	2.78	2.45
Kansas	2.27	2.95	2.81	3.59	2.26	2.21	2.08	2.20
Kentucky	2.90	3.33	3.23	3.18	3.32	3.14	2.95	2.72
Louisiana	2.13	2.82	2.67	2.04	2.10	2.12	2.14	2.07
Maine	3.27	3.56	3.68	5.81	2.72	3.41	2.43	3.50
Maryland	NA	3.44	3.35	3.88	3.51	2.82	NA	2.47
Massachusetts	3.33	4.03	3.94	4.58	4.71	3.22	2.99	3.04
Michigan	2.64	2.72	2.98	2.43	2.49	2.46	2.95	2.83
Minnesota	2.43	2.88	3.03	2.91	2.56	2.16	2.49	2.38
Mississippi	2.36	2.95	2.73	2.50	2.46	^a 2.39	2.37	2.24
Missouri	2.57	3.06	3.17	4.00	3.05	2.81	2.48	2.28
Montana	3.23	3.61	3.13	3.38	2.92	2.94	3.10	3.31
Nebraska	2.38	3.06	2.98	2.69	2.68	2.18	2.47	2.20
Nevada	2.79	3.40	2.82	2.92	2.86	2.35	2.62	3.15
New Hampshire	3.32	3.76	3.64	4.40	2.93	2.81	3.19	3.44
New Jersey	3.19	3.48	3.38	3.59	3.21	3.25	3.11	3.09
New Mexico	1.47	2.15	2.52	1.33	1.34	1.53	1.50	1.14
New York	2.41	3.19	3.27	2.40	2.42	2.30	2.31	2.44
North Carolina	2.89	3.41	3.14	3.15	3.06	3.06	2.79	2.77
North Dakota	2.72	3.28	3.20	2.45	2.45	2.43	2.66	2.78
Ohio	3.97	3.50	3.61	4.19	4.12	3.95	4.01	3.76
Oklahoma	2.70	2.62	2.42	2.35	2.46	2.57	2.79	2.72
Oregon	2.50	2.77	2.31	2.69	2.77	2.38	2.42	2.55
Pennsylvania	2.97	3.50	3.30	3.87	2.12	2.94	2.89	2.89
Rhode Island	3.15	4.15	3.88	5.63	^a 3.76	3.26	2.76	2.75
South Carolina	3.20	3.77	3.44	3.74	3.47	^a 3.04	3.07	3.17
South Dakota	2.87	3.37	3.26	3.84	2.99	2.64	2.80	2.80
Tennessee	2.52	2.60	3.10	2.96	^a 2.56	2.75	2.33	2.62
Texas	3.07	3.10	3.27	2.90	2.76	2.94	3.24	3.16
Utah	3.27	3.08	3.16	3.41	2.55	2.48	3.33	4.06
Vermont	2.62	3.17	2.85	3.37	3.56	2.68	^a 2.35	2.40
Virginia	2.95	3.53	3.27	3.30	3.36	2.78	2.86	2.88
Washington	2.29	2.43	2.16	1.93	1.92	2.21	2.42	2.46
West Virginia	2.82	3.32	2.94	3.44	2.99	2.65	2.95	2.59
Wisconsin	2.76	3.40	3.49	4.15	2.80	2.64	2.75	2.61
Wyoming	2.78	3.23	2.86	2.64	^a 2.80	2.63	2.85	2.74
Total	2.76	3.18	3.16	2.90	2.75	^a2.70	2.74	2.71

See footnotes at end of table.

Table 23. Average City Gate Price, by State, 1993-1995
(Dollars per Thousand Cubic Feet) — Continued

State	1995	1994						
	January	Total	December	November	October	September	August	July
Alabama	2.59	3.44	2.87	3.26	3.66	3.57	3.86	3.91
Alaska	1.71	1.62	1.62	1.60	1.61	1.60	1.60	1.54
Arizona	2.22	2.53	2.34	2.08	2.07	2.58	2.66	2.72
Arkansas	2.39	2.54	2.30	2.36	2.21	2.06	2.37	2.43
California	1.95	2.59	2.40	2.22	2.48	2.23	2.57	2.45
Colorado	2.63	3.31	2.98	2.81	2.83	3.66	3.47	3.82
Connecticut	4.41	4.17	4.63	4.70	4.37	5.09	5.09	5.37
Delaware	2.69	2.95	2.75	2.82	2.42	2.69	2.98	3.00
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.37	2.77	2.49	2.40	2.35	2.32	2.55	2.56
Georgia	3.00	3.54	3.30	3.42	3.13	3.64	3.53	3.83
Hawaii	4.85	4.94	5.52	5.05	5.41	5.33	5.34	5.22
Idaho	2.06	2.46	2.22	2.25	2.19	2.71	3.68	3.80
Illinois	2.47	3.01	2.82	2.80	2.38	2.65	2.93	2.62
Indiana	2.63	2.97	2.99	3.07	2.27	2.26	2.95	2.72
Iowa	2.64	3.15	2.86	2.83	2.56	3.35	3.84	3.44
Kansas	2.17	2.93	2.56	2.46	2.74	2.44	4.81	4.27
Kentucky	2.80	3.13	2.99	3.16	2.74	2.32	2.72	3.04
Louisiana	2.23	2.54	2.35	2.38	2.02	1.97	2.26	2.43
Maine	3.21	2.98	3.51	2.54	1.20	0.88	1.17	2.09
Maryland	2.65	3.38	2.78	2.99	3.20	4.27	5.01	4.77
Massachusetts	2.93	3.98	3.14	3.58	3.54	4.81	5.85	4.52
Michigan	2.81	2.70	2.93	2.70	2.56	2.55	2.59	2.77
Minnesota	2.43	2.85	2.78	2.74	2.45	2.98	3.21	2.99
Mississippi	2.35	2.83	2.54	2.81	2.49	2.64	2.71	2.99
Missouri	2.38	3.05	2.43	2.64	3.16	4.08	4.61	5.03
Montana	3.51	3.49	3.34	2.98	3.31	3.83	3.56	4.66
Nebraska	2.38	2.98	2.38	2.65	3.22	3.28	3.50	3.38
Nevada	2.80	3.18	2.85	2.53	2.88	3.50	4.04	3.50
New Hampshire	3.49	3.49	3.54	3.41	2.33	2.67	2.94	3.20
New Jersey	3.12	3.33	2.78	2.88	3.03	3.48	3.55	3.72
New Mexico	1.82	2.02	2.03	1.70	1.83	1.97	1.83	1.71
New York	2.55	3.02	2.63	2.78	2.66	2.76	3.13	3.01
North Carolina	2.85	3.27	2.82	2.96	3.11	3.35	3.09	3.60
North Dakota	3.11	3.15	2.67	2.98	3.29	3.39	3.17	3.75
Ohio	4.11	3.48	3.48	3.35	3.48	2.83	4.18	3.53
Oklahoma	2.84	2.47	2.67	2.00	1.69	1.60	1.89	1.67
Oregon	2.40	2.73	2.49	2.71	2.72	2.81	2.81	2.96
Pennsylvania	3.36	3.46	3.19	3.28	3.38	3.14	4.16	3.74
Rhode Island	3.12	4.17	3.16	3.36	3.98	5.39	6.17	6.27
South Carolina	3.08	3.67	3.31	3.57	3.36	3.71	3.59	4.20
South Dakota	2.82	3.35	2.91	2.97	3.23	4.31	4.28	4.93
Tennessee	2.39	2.71	2.52	2.89	2.63	3.85	2.94	3.62
Texas	3.13	3.01	3.23	3.04	2.73	2.72	2.66	2.66
Utah	3.46	3.31	3.66	3.24	3.91	4.81	3.62	4.24
Vermont	2.45	3.11	2.39	2.69	3.68	1.54	4.83	4.77
Virginia	2.97	3.44	3.15	3.15	3.62	3.20	3.68	3.45
Washington	2.40	2.54	2.64	3.14	2.89	2.32	2.30	2.20
West Virginia	2.83	3.23	3.03	2.78	2.94	3.46	3.48	3.16
Wisconsin	2.62	3.42	2.80	2.96	3.39	4.73	4.31	5.28
Wyoming	2.90	2.91	2.99	2.14	2.19	2.61	3.07	2.97
Total	2.79	3.08	2.86	2.85	2.82	2.92	3.16	3.12

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	
	June	May	April	March	February	January	Total	December
Alabama	4.26	3.84	3.60	3.67	3.16	3.20	3.51	3.38
Alaska	1.41	1.67	1.62	1.62	1.57	1.77	0.33	0.33
Arizona	2.77	2.53	2.72	2.87	2.95	2.69	2.62	2.69
Arkansas	2.63	2.68	2.79	2.55	2.79	2.77	2.66	2.92
California	2.70	2.64	2.62	2.98	3.09	2.83	2.85	2.86
Colorado	3.82	3.62	3.76	3.57	3.17	3.43	2.95	3.17
Connecticut	5.40	4.36	3.80	3.16	3.71	3.51	3.87	4.10
Delaware	2.73	3.00	2.98	3.19	3.41	3.29	3.24	3.45
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.64	2.86	3.19	3.30	3.65	2.73	2.76	2.90
Georgia	3.82	4.51	3.17	3.69	4.01	3.19	3.77	3.92
Hawaii	4.94	4.66	4.64	4.54	4.32	4.33	5.61	4.91
Idaho	2.98	2.78	2.65	2.53	2.32	2.45	2.26	2.68
Illinois	3.33	2.86	3.28	3.63	3.48	3.02	3.30	3.08
Indiana	3.06	2.90	2.98	3.32	3.24	2.92	3.18	3.22
Iowa	3.59	4.05	3.35	3.53	3.27	2.84	3.24	3.55
Kansas	3.46	2.94	2.97	3.32	2.89	2.67	2.80	2.92
Kentucky	3.06	3.56	3.32	3.42	3.37	3.25	3.21	3.28
Louisiana	2.77	2.64	2.65	2.94	3.19	2.66	2.72	2.88
Maine	2.16	2.92	3.20	3.81	3.85	4.04	3.69	3.14
Maryland	4.38	4.05	3.88	3.32	3.41	3.08	3.53	3.28
Massachusetts	5.30	4.69	4.33	4.04	3.68	3.58	3.98	3.75
Michigan	2.55	2.56	2.58	2.88	3.03	2.77	2.89	2.92
Minnesota	3.16	3.37	2.66	3.09	2.83	2.69	3.11	3.43
Mississippi	2.73	2.90	3.03	3.20	3.12	2.72	2.90	3.22
Missouri	3.38	3.70	3.76	3.34	2.81	2.76	3.20	3.14
Montana	3.29	4.34	3.41	3.98	3.86	3.09	3.29	3.67
Nebraska	3.85	3.94	2.95	3.17	2.92	2.73	3.46	3.96
Nevada	3.23	3.99	3.94	3.60	3.24	3.16	3.03	2.76
New Hampshire	3.15	3.61	3.37	3.98	4.04	3.79	3.76	3.76
New Jersey	3.69	3.32	3.76	3.53	3.43	3.33	3.54	3.54
New Mexico	1.86	1.70	2.10	2.19	2.42	2.12	2.39	2.17
New York	3.08	3.21	3.04	3.34	3.34	3.07	3.32	3.39
North Carolina	3.26	3.33	3.71	3.49	3.49	3.24	3.15	3.29
North Dakota	3.24	3.88	3.06	3.71	3.67	2.64	3.29	3.38
Ohio	3.38	3.38	3.56	3.62	3.47	3.48	3.52	3.25
Oklahoma	2.19	2.35	2.55	2.75	2.68	2.67	2.45	2.79
Oregon	2.74	3.08	2.78	2.69	2.70	2.77	2.48	2.94
Pennsylvania	4.09	3.70	3.46	3.52	3.56	3.27	3.41	3.39
Rhode Island	5.40	6.30	4.59	4.00	3.67	3.50	4.41	3.93
South Carolina	4.05	4.01	4.27	3.92	3.71	3.33	3.54	3.49
South Dakota	4.67	3.74	3.23	3.67	3.32	2.96	3.35	3.58
Tennessee	2.95	2.93	3.16	3.40	3.17	1.76	3.23	3.57
Texas	2.59	2.84	2.98	3.27	3.26	3.21	3.32	3.58
Utah	5.18	2.71	2.88	3.29	3.11	2.87	2.63	2.85
Vermont	4.33	3.83	3.32	2.98	2.99	2.86	2.96	2.59
Virginia	4.21	3.56	3.81	3.41	3.52	3.41	3.33	3.55
Washington	2.38	2.55	2.34	2.46	2.35	2.52	2.39	2.56
West Virginia	2.97	3.46	3.11	3.73	3.52	3.10	3.40	3.52
Wisconsin	4.48	4.30	3.30	3.42	3.23	2.99	3.70	3.41
Wyoming	2.87	3.73	3.05	3.21	3.30	3.21	2.80	3.04
Total	3.20	3.18	3.15	3.33	3.27	3.03	3.21	3.27

^R = Revised Data.

NA = Not Available.

— = Not Applicable.

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

Source: Form EIA-857.

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				
				June	May	April	March	February
Alabama	6.62	7.01	6.68	8.69	8.05	7.57	6.10	6.14
Alaska	3.58	3.56	3.91	3.87	3.72	3.57	3.53	3.53
Arizona	7.58	7.17	6.82	9.18	8.36	7.87	7.67	7.24
Arkansas	5.28	5.46	5.11	7.03	6.30	5.56	5.06	4.90
California	6.70	6.25	6.07	7.39	6.84	6.47	6.49	6.65
Colorado	4.63	4.74	4.33	5.07	4.81	4.74	4.56	4.52
Connecticut	9.86	9.79	9.23	10.56	10.20	9.72	9.72	9.73
Delaware	6.86	7.05	6.31	8.66	7.54	6.99	6.62	6.59
District of Columbia	8.14	8.37	8.26	7.03	9.55	9.16	8.03	7.83
Florida	9.52	9.84	8.86	11.97	11.61	10.55	9.32	8.41
Georgia	6.74	7.16	6.52	8.58	7.77	7.62	7.34	5.94
Hawaii	17.10	16.25	17.39	17.46	17.41	17.32	16.99	16.71
Idaho	5.57	5.77	5.08	6.22	5.27	5.78	5.64	5.56
Illinois	4.67	5.57	5.32	6.51	5.67	4.56	4.40	4.60
Indiana	5.50	6.28	5.60	7.39	6.48	5.64	5.24	5.40
Iowa	4.87	5.34	5.26	8.80	5.90	4.90	4.78	4.58
Kansas	4.57	5.31	4.62	5.93	5.16	4.73	4.30	4.37
Kentucky	5.03	5.29	5.08	8.21	6.01	5.82	4.68	4.65
Louisiana	5.50	5.93	5.54	6.98	6.92	5.89	5.31	4.98
Maine	7.33	7.83	7.15	7.75	6.60	7.70	7.43	7.23
Maryland	6.39	6.90	6.85	8.74	7.24	6.49	6.10	6.12
Massachusetts	9.02	8.72	8.10	8.31	7.20	9.53	9.30	9.08
Michigan	4.52	4.74	4.80	5.98	5.01	4.49	4.39	4.35
Minnesota	4.65	5.15	5.21	5.99	5.10	4.45	4.47	4.48
Mississippi	4.86	5.17	4.94	6.04	5.95	*5.36	4.67	4.50
Missouri	4.70	5.54	5.02	7.28	5.25	4.96	4.37	4.41
Montana	5.10	5.07	4.73	5.61	5.30	5.16	5.06	5.03
Nebraska	4.65	4.94	4.79	5.97	5.12	4.73	4.40	4.45
Nevada	6.56	6.42	5.30	7.46	6.89	6.60	6.64	6.38
New Hampshire	6.95	7.87	7.29	7.27	6.12	5.65	7.38	7.33
New Jersey	6.93	7.26	6.74	8.81	7.56	6.92	6.67	6.52
New Mexico	5.28	6.36	5.89	5.81	6.18	5.49	5.66	5.00
New York	7.98	8.30	7.65	10.14	8.65	7.83	7.61	7.61
North Carolina	6.76	6.92	6.61	9.46	8.02	7.14	6.67	6.15
North Dakota	4.49	5.15	4.97	5.89	5.05	4.45	4.31	4.29
Ohio	5.46	5.65	5.51	7.00	5.72	5.41	5.25	5.10
Oklahoma	5.33	5.07	4.76	7.59	6.24	5.83	5.09	4.98
Oregon	6.60	6.94	6.11	7.66	6.40	6.75	6.59	6.56
Pennsylvania	7.34	7.17	6.53	9.06	7.99	7.26	7.03	7.20
Rhode Island	5.35	8.68	7.75	7.89	*7.56	7.45	5.17	4.09
South Carolina	7.99	7.70	6.94	9.10	8.20	8.17	7.91	7.79
South Dakota	4.84	5.25	5.26	6.97	5.50	4.75	4.71	4.63
Tennessee	5.64	6.04	5.52	6.91	*6.42	6.31	5.44	5.29
Texas	5.79	5.75	5.61	7.30	6.65	6.19	5.77	5.47
Utah	4.74	5.17	5.08	4.96	4.52	4.25	4.94	4.90
Vermont	6.69	6.71	5.97	8.12	7.25	6.67	6.54	6.49
Virginia	7.27	7.46	7.21	10.85	7.29	7.53	6.83	7.10
Washington	5.81	5.49	4.84	6.54	6.17	5.87	5.74	5.71
West Virginia	6.98	6.22	6.15	9.43	7.62	7.08	6.85	6.74
Wisconsin	5.86	6.50	6.09	6.01	5.75	5.83	5.83	5.84
Wyoming	4.91	4.83	4.55	5.22	*4.98	4.93	4.85	4.77
Total	5.98	6.28	5.92	7.46	6.51	6.04	5.82	5.74

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	1995	1994						
	January	Total	December	November	October	September	August	July
Alabama	6.44	7.46	7.45	8.64	9.73	9.88	9.97	10.01
Alaska	3.54	3.60	3.48	3.55	3.65	3.93	4.17	4.03
Arizona	7.07	7.65	7.10	7.99	9.61	10.45	10.70	10.20
Arkansas	5.13	5.70	5.33	5.80	6.93	7.59	8.20	7.92
California	6.67	6.39	6.63	6.33	6.71	6.66	6.68	6.55
Colorado	4.47	4.91	4.57	4.92	5.82	6.65	6.67	6.49
Connecticut	9.95	10.13	10.12	10.79	11.06	12.41	12.85	12.52
Delaware	6.74	7.31	7.16	7.94	8.76	9.48	9.74	9.48
District of Columbia	7.80	8.40	8.02	8.78	9.67	10.06	7.05	7.90
Florida	8.74	10.40	10.03	11.42	11.81	11.94	12.43	12.29
Georgia	6.42	7.38	6.97	7.86	8.10	6.79	9.61	9.51
Hawaii	16.78	16.85	17.35	17.18	18.08	17.52	17.75	17.32
Idaho	5.40	5.80	5.44	5.74	6.05	6.89	7.34	6.74
Illinois	4.49	5.50	4.80	4.66	5.56	7.08	7.70	7.54
Indiana	5.22	6.25	5.48	5.61	5.83	7.92	8.81	9.21
Iowa	4.41	5.42	4.73	5.12	6.49	7.75	6.99	8.50
Kansas	4.47	5.14	4.53	4.27	4.75	6.22	6.26	6.11
Kentucky	4.85	5.49	5.17	5.48	6.47	7.30	7.93	8.62
Louisiana	5.26	6.21	5.63	7.06	7.39	7.47	7.91	7.95
Maine	7.28	7.82	7.36	7.64	7.65	8.33	9.41	8.85
Maryland	6.19	6.99	6.29	6.67	7.41	8.59	9.12	9.05
Massachusetts	9.22	8.73	9.29	8.56	7.71	8.74	8.74	8.79
Michigan	4.38	4.88	4.54	4.80	5.29	6.50	6.98	7.04
Minnesota	4.69	5.21	4.86	4.98	5.45	6.47	6.82	6.85
Mississippi	4.71	5.23	4.96	5.52	5.53	5.72	5.89	5.81
Missouri	4.53	5.66	4.68	5.41	7.28	8.12	8.85	8.16
Montana	4.95	5.21	4.94	5.13	5.76	6.45	6.94	6.49
Nebraska	4.53	5.00	4.56	4.83	5.58	6.24	6.52	6.30
Nevada	6.24	6.66	6.25	6.87	7.84	8.49	8.70	8.30
New Hampshire	7.31	7.96	7.62	8.36	7.76	8.69	10.24	9.40
New Jersey	7.06	7.41	7.08	7.36	7.97	8.88	9.11	9.17
New Mexico	4.79	5.63	4.42	3.56	4.01	7.69	8.33	7.36
New York	8.05	8.73	8.64	9.36	9.70	11.42	12.00	11.64
North Carolina	6.71	7.28	7.46	7.54	8.55	10.29	10.89	10.48
North Dakota	4.33	5.19	4.48	4.86	5.99	6.91	7.52	7.02
Ohio	5.70	5.87	5.88	5.93	6.58	7.37	7.82	7.70
Oklahoma	4.95	5.42	5.29	6.10	6.97	7.79	8.12	7.76
Oregon	6.40	6.98	6.55	6.73	7.54	8.51	8.65	8.30
Pennsylvania	7.27	7.47	7.36	7.76	8.27	9.68	10.45	10.03
Rhode Island	3.77	8.91	8.53	9.14	9.20	11.18	11.33	11.24
South Carolina	8.04	7.97	8.38	8.79	8.25	9.34	9.42	9.38
South Dakota	4.50	5.23	4.52	4.41	5.59	7.23	6.94	9.82
Tennessee	5.57	6.16	5.78	6.51	6.81	7.63	7.97	7.63
Texas	5.36	6.05	5.57	6.13	7.46	7.70	8.02	7.91
Utah	4.78	4.96	4.54	4.76	4.24	5.41	5.61	5.60
Vermont	6.51	6.94	6.70	7.35	7.85	9.05	9.59	9.41
Virginia	7.18	7.84	7.46	8.22	9.51	10.97	11.15	11.28
Washington	5.63	5.68	5.63	5.67	6.14	7.05	7.40	6.75
West Virginia	6.79	6.60	6.89	7.21	7.67	8.91	9.64	10.14
Wisconsin	5.93	6.34	6.02	6.01	5.53	6.29	6.67	6.59
Wyoming	4.89	4.93	4.61	4.81	5.22	6.04	6.58	6.46
Total	5.82	6.41	6.07	6.25	6.87	7.83	8.20	8.08

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	
	June	May	April	March	February	January	Total	December
Alabama	9.80	8.96	7.51	7.21	6.42	6.44	7.10	6.85
Alaska	3.85	3.65	3.55	3.50	3.51	3.51	3.96	3.86
Arizona	9.33	8.57	7.76	6.95	5.37	6.62	7.20	6.72
Arkansas	7.62	6.88	5.80	5.61	5.09	4.98	5.38	5.30
California	6.64	5.62	6.55	6.13	6.25	6.35	6.23	6.33
Colorado	5.87	5.05	4.80	4.63	4.58	4.57	4.52	4.56
Connecticut	11.66	10.93	10.10	9.74	9.39	9.41	9.43	9.34
Delaware	8.66	8.04	7.22	6.88	6.81	6.86	6.70	7.35
District of Columbia	8.36	9.56	8.68	8.50	8.19	8.06	8.34	8.20
Florida	11.99	11.72	10.49	10.00	9.24	8.78	9.41	8.85
Georgia	9.26	8.55	8.56	7.32	6.93	6.39	6.80	6.45
Hawaii	16.54	16.55	16.30	16.00	15.93	16.22	17.51	17.01
Idaho	6.57	6.22	5.96	5.74	5.60	5.59	5.38	5.57
Illinois	7.47	6.69	6.23	5.66	5.26	5.11	5.52	5.21
Indiana	8.86	7.33	6.83	6.31	6.22	5.64	5.76	5.55
Iowa	7.93	6.23	5.74	5.40	5.00	4.96	5.48	5.26
Kansas	6.07	5.57	5.37	5.27	4.99	5.44	4.91	5.18
Kentucky	7.50	7.22	5.95	5.14	4.99	4.95	5.25	5.04
Louisiana	7.29	7.11	6.13	5.77	5.78	5.60	6.09	6.48
Maine	8.04	7.82	8.34	7.89	7.75	7.62	7.47	7.80
Maryland	8.36	8.08	7.50	6.88	6.54	6.48	7.08	6.60
Massachusetts	7.90	7.59	9.37	8.90	8.70	8.78	8.33	9.39
Michigan	6.19	5.25	4.84	4.69	4.56	4.56	5.04	4.85
Minnesota	6.58	5.68	5.13	5.18	5.04	4.99	5.31	5.14
Mississippi	5.75	6.01	5.41	5.26	5.06	4.88	5.23	5.56
Missouri	7.73	6.36	5.86	5.53	5.24	5.33	5.37	5.28
Montana	5.97	5.46	5.13	4.98	4.92	4.91	4.92	4.90
Nebraska	6.08	5.37	5.07	4.95	4.70	4.84	4.96	4.77
Nevada	7.65	7.19	6.82	6.30	6.09	6.08	5.69	5.91
New Hampshire	7.95	6.90	6.57	8.37	8.19	8.15	7.66	8.52
New Jersey	8.72	8.53	7.49	7.11	7.07	6.96	6.99	6.97
New Mexico	7.90	9.01	6.73	6.22	5.47	6.30	5.46	4.61
New York	10.64	9.20	8.87	8.21	7.99	7.69	8.15	8.43
North Carolina	9.20	8.30	7.40	7.02	6.64	6.48	6.99	7.13
North Dakota	6.62	5.37	5.31	5.12	4.98	5.02	5.23	5.13
Ohio	6.31	6.26	5.77	5.64	5.42	5.57	5.71	5.52
Oklahoma	7.54	6.29	5.45	4.95	4.71	4.65	4.94	4.39
Oregon	7.73	7.40	7.02	6.92	6.79	6.75	6.42	6.62
Pennsylvania	9.07	8.04	7.59	7.13	6.96	6.71	6.84	6.78
Rhode Island	10.26	9.13	9.11	8.57	8.36	8.42	8.17	8.81
South Carolina	8.93	8.20	8.26	8.10	7.64	7.23	7.14	7.33
South Dakota	7.72	5.60	5.44	5.36	4.88	5.06	5.30	5.21
Tennessee	7.67	7.15	6.51	6.17	5.86	5.64	5.69	5.72
Texas	7.48	7.08	6.24	5.72	5.38	5.27	5.91	5.63
Utah	5.85	5.72	4.71	5.31	5.07	5.14	5.13	5.11
Vermont	8.02	7.32	6.82	6.63	6.55	6.44	6.19	6.23
Virginia	10.12	9.31	8.08	7.17	7.16	7.04	7.51	7.17
Washington	6.27	5.92	5.59	5.41	5.34	5.32	5.23	5.40
West Virginia	5.67	5.27	4.57	6.82	6.69	6.40	6.45	6.69
Wisconsin	6.33	6.19	6.43	6.57	6.57	6.50	6.34	6.55
Wyoming	5.97	5.15	4.82	4.83	4.70	4.63	4.77	4.89
Total	7.66	6.84	6.61	6.30	6.05	5.95	6.16	6.06

^R = Revised Data.

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				
				June	May	April	March	February
Alabama	5.74	6.29	6.02	5.81	5.85	6.02	5.50	5.65
Alaska	2.50	2.52	2.83	2.34	2.40	2.50	2.51	2.53
Arizona	5.38	5.18	5.01	5.29	5.38	5.42	5.43	5.41
Arkansas	4.03	4.59	4.30	4.12	4.24	3.89	3.96	3.90
California	6.45	7.87	6.51	5.97	5.55	5.97	^a 6.40	7.12
Colorado	4.17	4.23	3.95	4.30	4.22	4.17	4.16	4.13
Connecticut	7.36	7.37	7.15	6.73	6.78	7.49	7.31	7.43
Delaware	5.67	6.06	5.31	6.09	5.81	5.73	5.56	5.59
District of Columbia	6.08	6.51	5.82	5.51	6.08	6.36	6.30	6.14
Florida	5.14	5.65	5.87	5.20	5.17	5.18	5.06	5.04
Georgia	5.70	6.29	5.74	5.26	5.10	5.97	6.02	5.52
Hawaii	12.78	12.62	12.95	13.07	12.90	12.96	12.66	12.55
Idaho	4.85	5.07	4.40	5.18	4.55	5.17	4.82	4.86
Illinois	4.48	5.25	4.98	4.87	4.96	4.36	4.50	4.44
Indiana	4.56	5.54	4.89	5.03	4.81	4.47	4.43	4.58
Iowa	4.04	4.60	4.45	5.15	4.66	4.01	4.05	3.93
Kansas	4.09	4.67	4.02	4.04	4.19	4.06	3.98	4.05
Kentucky	4.73	4.89	4.65	5.27	4.79	4.75	4.61	4.66
Louisiana	4.90	5.46	4.99	4.55	5.25	4.88	4.92	4.76
Maine	6.63	7.12	6.57	6.00	5.91	6.90	6.77	6.68
Maryland	4.98	5.71	5.73	5.30	4.89	4.94	5.00	4.95
Massachusetts	6.79	7.15	6.31	4.94	4.33	^a 7.27	7.05	7.46
Michigan	4.35	4.57	4.50	5.23	4.59	4.27	4.25	4.32
Minnesota	3.96	4.53	4.56	4.17	4.04	3.69	3.90	3.93
Mississippi	4.10	4.52	4.25	4.02	4.14	^a 4.14	4.03	4.03
Missouri	4.20	5.17	4.61	4.76	4.01	4.09	3.98	4.20
Montana	4.94	4.90	4.55	5.17	4.96	4.93	4.95	4.96
Nebraska	4.07	4.44	4.25	3.77	5.00	3.90	3.94	3.97
Nevada	5.40	5.24	4.29	5.55	5.44	5.41	5.41	5.37
New Hampshire	6.47	7.34	6.67	6.04	5.38	5.47	6.89	6.85
New Jersey	5.62	6.05	5.52	5.13	5.13	5.21	5.68	5.56
New Mexico	3.95	4.95	4.68	3.51	4.02	3.85	4.06	4.02
New York	6.00	6.71	6.15	6.12	^a 6.14	6.03	5.81	6.07
North Carolina	5.34	5.83	5.42	5.14	5.23	5.18	5.60	5.17
North Dakota	3.87	4.61	4.66	4.50	4.12	3.81	3.77	3.80
Ohio	5.01	5.31	5.12	5.37	4.89	4.94	4.81	4.82
Oklahoma	4.62	4.70	4.44	4.55	4.61	4.65	4.68	4.54
Oregon	5.21	5.52	4.84	5.06	5.11	5.26	5.24	5.25
Pennsylvania	6.54	6.51	5.88	7.16	6.78	6.54	6.38	6.57
Rhode Island	5.17	7.79	7.05	6.43	^a 7.17	7.15	4.82	4.03
South Carolina	6.46	6.10	5.87	6.03	5.90	6.52	6.57	6.57
South Dakota	3.85	4.43	4.41	5.16	4.26	3.68	3.74	3.73
Tennessee	5.05	5.60	5.20	5.18	^a 5.11	5.11	5.06	4.86
Texas	4.35	4.52	4.45	4.02	4.08	4.03	4.40	4.54
Utah	3.61	3.96	4.15	3.42	3.26	3.16	3.88	3.77
Vermont	5.52	5.73	5.31	5.79	5.66	5.50	5.50	5.52
Virginia	5.24	5.72	5.56	5.45	5.13	4.99	5.02	5.44
Washington	5.05	4.79	4.46	4.85	5.04	5.06	5.17	5.02
West Virginia	6.04	5.55	5.60	6.40	6.40	6.38	5.90	5.95
Wisconsin	4.58	5.20	4.97	3.92	4.30	4.55	4.57	4.61
Wyoming	4.42	4.34	4.15	4.33	^a 4.38	4.38	4.39	4.35
Total	5.10	5.55	5.19	5.11	4.99	^a 5.04	^a 5.07	5.11

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	1995	1994						
	January	Total	December	November	October	September	August	July
Alabama	5.87	6.37	6.37	6.55	6.57	6.67	6.64	6.72
Alaska	2.57	2.47	2.56	2.46	2.35	2.31	2.22	2.27
Arizona	5.36	5.28	5.33	5.41	5.49	5.44	5.40	5.35
Arkansas	4.19	4.56	4.11	4.30	4.63	4.35	5.51	5.20
California	^R 7.11	7.07	6.48	6.01	5.67	7.18	7.53	5.41
Colorado	4.12	4.29	4.20	4.35	4.67	4.53	4.64	4.61
Connecticut	7.73	7.31	7.30	7.24	6.97	7.94	6.85	6.88
Delaware	5.68	6.10	5.88	6.13	6.41	6.57	6.55	6.51
District of Columbia	5.82	6.24	6.10	6.00	6.04	5.86	5.13	4.60
Florida	5.22	5.54	5.37	5.36	5.33	5.39	5.45	5.64
Georgia	5.88	6.19	6.17	6.47	6.03	4.75	6.06	6.04
Hawaii	12.53	12.69	12.74	12.68	13.19	12.69	12.66	12.64
Idaho	4.72	5.03	4.76	5.06	5.07	5.31	5.38	5.23
Illinois	4.39	5.13	4.64	4.34	4.82	5.79	6.21	6.46
Indiana	4.55	5.35	4.70	4.43	4.86	5.96	6.25	6.32
Iowa	3.82	4.52	4.18	3.94	4.29	5.73	4.55	5.57
Kansas	4.19	4.24	3.95	3.60	3.51	3.63	3.34	3.50
Kentucky	4.79	4.95	4.94	5.01	4.96	5.15	5.49	5.44
Louisiana	5.05	5.43	5.22	5.54	5.38	5.20	5.33	5.66
Maine	6.71	6.97	6.74	6.86	6.50	6.56	6.76	6.73
Maryland	4.98	5.48	4.97	5.03	4.82	5.12	5.60	5.70
Massachusetts	7.49	6.45	7.20	6.40	4.27	4.13	3.74	4.07
Michigan	4.30	4.63	4.45	4.51	4.81	5.57	5.80	5.87
Minnesota	4.13	4.38	4.19	3.99	3.89	4.18	4.32	4.45
Mississippi	4.23	4.34	4.18	4.16	3.88	3.89	4.00	4.00
Missouri	4.36	5.03	4.41	4.39	4.85	5.07	5.36	5.17
Montana	4.85	4.97	4.85	4.91	5.18	5.48	5.62	5.55
Nebraska	4.08	4.20	4.04	3.92	4.01	3.76	3.66	3.69
Nevada	5.34	5.36	5.34	5.62	5.58	5.66	5.74	5.65
New Hampshire	6.86	7.16	6.94	7.19	6.27	6.43	6.67	6.61
New Jersey	6.20	6.01	6.11	6.64	5.39	5.23	5.46	6.21
New Mexico	4.03	4.28	3.70	2.90	2.97	4.15	4.24	3.98
New York	5.99	6.45	6.16	5.96	5.78	5.95	5.80	6.10
North Carolina	5.46	5.80	5.72	6.13	5.55	5.58	5.62	5.74
North Dakota	3.85	4.48	3.92	3.97	4.32	4.95	5.04	5.02
Ohio	5.36	5.38	5.43	5.49	5.63	5.71	5.94	5.88
Oklahoma	4.67	4.73	4.78	4.88	4.88	4.65	4.93	4.75
Oregon	5.23	5.52	5.34	5.37	5.51	5.80	6.04	5.86
Pennsylvania	6.43	6.55	6.57	6.53	6.55	6.71	6.71	7.15
Rhode Island	3.74	7.36	6.81	6.23	6.58	7.61	5.92	6.66
South Carolina	6.61	6.07	6.49	6.55	5.56	5.71	5.57	5.57
South Dakota	3.72	4.34	3.74	3.74	4.16	5.40	5.02	7.10
Tennessee	5.17	5.51	5.28	5.49	5.24	5.17	5.52	5.28
Texas	4.67	4.44	4.53	4.53	4.62	4.43	4.01	3.96
Utah	3.72	3.84	3.60	3.96	3.42	3.64	3.71	3.76
Vermont	5.44	5.56	5.40	5.24	5.32	5.55	2.84	5.86
Virginia	5.30	5.66	5.26	5.57	5.74	5.84	5.89	5.52
Washington	5.04	4.86	5.02	4.95	4.75	5.00	5.12	4.99
West Virginia	5.94	5.57	6.21	6.69	5.21	4.50	5.40	4.46
Wisconsin	4.78	4.96	4.73	4.53	3.98	4.18	4.43	4.59
Wyoming	4.58	4.34	4.23	4.33	4.38	4.50	4.61	4.50
Total	^R 5.20	5.43	5.23	5.18	5.09	5.34	5.28	5.22

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	
	June	May	April	March	February	January	Total	December
Alabama	6.74	6.63	6.46	6.49	6.03	6.12	6.19	6.07
Alaska	2.36	2.49	2.57	2.59	2.55	2.50	2.78	2.84
Arizona	5.30	5.39	5.34	5.13	4.83	5.04	5.06	5.10
Arkansas	5.05	5.13	4.77	4.79	4.41	4.32	4.42	4.46
California	7.76	5.84	8.27	8.26	8.69	8.15	6.03	5.69
Colorado	4.49	4.29	4.26	4.21	4.19	4.19	4.04	4.24
Connecticut	6.70	7.34	7.25	7.51	7.57	7.29	7.02	7.31
Delaware	6.32	6.61	6.10	5.99	5.98	5.98	5.46	5.75
District of Columbia	4.47	5.93	6.50	7.17	7.21	6.43	5.75	5.79
Florida	5.63	5.63	5.60	5.68	5.74	5.59	5.81	5.81
Georgia	6.11	6.28	6.59	6.43	6.45	6.02	5.83	5.95
Hawaii	12.32	15.54	12.17	11.77	11.94	12.07	12.90	12.54
Idaho	5.37	5.47	5.28	4.98	4.92	4.97	4.65	4.93
Illinois	6.13	6.08	5.75	5.29	5.05	5.02	5.10	5.03
Indiana	6.66	6.11	6.07	5.60	5.46	5.15	4.99	5.05
Iowa	5.18	4.87	4.81	4.72	4.45	4.45	4.52	4.67
Kansas	3.63	4.07	4.44	4.77	4.72	5.14	4.06	4.75
Kentucky	5.33	5.42	4.92	4.74	4.79	4.90	4.82	5.13
Louisiana	5.25	5.47	5.21	5.38	5.63	5.55	5.33	6.17
Maine	6.62	6.44	7.47	7.09	7.23	7.19	6.76	7.25
Maryland	5.56	5.57	5.79	5.90	5.83	5.54	5.72	5.41
Massachusetts	4.20	4.79	7.40	7.56	7.89	7.87	6.04	7.20
Michigan	5.28	4.77	4.58	4.54	4.48	4.54	4.66	4.64
Minnesota	4.49	4.45	4.40	4.56	4.56	4.57	4.52	4.51
Mississippi	4.02	4.38	4.49	4.65	4.67	4.50	4.38	4.83
Missouri	5.14	5.00	5.23	5.18	5.18	5.16	4.76	5.03
Montana	5.33	5.03	4.89	4.84	4.87	4.85	4.67	4.74
Nebraska	3.77	5.30	4.51	4.48	4.32	4.44	4.27	4.27
Nevada	5.55	5.50	5.36	5.19	5.10	5.09	4.40	4.90
New Hampshire	6.39	6.06	6.30	7.81	7.72	7.68	6.83	7.77
New Jersey	5.66	5.59	5.52	6.22	6.25	6.18	5.60	6.13
New Mexico	4.53	5.25	4.81	5.00	4.64	5.32	4.31	4.02
New York	6.42	6.79	7.00	6.86	6.66	6.49	6.16	6.50
North Carolina	5.73	5.66	5.75	5.93	5.88	5.80	5.51	5.86
North Dakota	4.97	4.54	4.63	4.66	4.57	4.58	4.75	4.66
Ohio	5.18	5.56	5.34	5.30	5.20	5.35	5.24	5.20
Oklahoma	4.95	4.78	4.82	4.76	4.63	4.60	4.41	4.30
Oregon	5.61	5.56	5.49	5.52	5.50	5.50	5.04	5.35
Pennsylvania	7.03	6.73	6.79	6.50	6.55	6.22	5.99	5.99
Rhode Island	7.38	7.58	7.94	7.91	7.90	7.66	7.10	7.47
South Carolina	4.07	5.46	6.78	6.47	6.56	6.34	5.82	6.12
South Dakota	5.48	4.39	4.41	4.46	4.32	4.36	4.37	4.57
Tennessee	5.63	5.63	5.70	5.71	5.64	5.46	5.27	5.52
Texas	4.00	4.54	4.34	4.52	4.73	4.75	4.45	4.76
Utah	3.98	3.81	3.36	4.10	4.14	4.03	4.06	4.24
Vermont	5.81	5.58	5.63	5.96	5.73	5.67	5.25	5.06
Virginia	5.76	5.76	5.69	5.59	5.81	5.72	5.60	5.62
Washington	4.87	4.81	4.81	4.86	4.76	4.69	4.53	4.16
West Virginia	4.56	3.82	4.30	6.17	6.08	5.94	5.87	6.09
Wisconsin	4.24	4.54	4.92	5.30	5.43	5.38	5.16	5.45
Wyoming	4.35	4.30	4.27	4.36	4.33	4.39	4.23	4.45
Total	5.36	5.44	5.59	5.66	5.59	5.50	5.22	5.33

^R = Revised Data.

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				
				June	May	April	March	February
Alabama	3.04	3.64	3.46	2.93	3.04	2.91	3.01	3.13
Alaska	1.53	1.40	1.35	1.55	1.53	1.54	1.52	1.52
Arizona	3.58	3.66	4.04	3.37	3.37	3.16	3.41	4.28
Arkansas	2.86	3.30	3.26	2.73	2.74	2.77	2.76	2.84
California	3.82	3.20	3.06	3.25	3.26	3.59	4.06	4.19
Colorado	2.06	2.53	2.35	2.19	2.02	2.03	2.07	1.90
Connecticut	4.56	4.89	5.07	3.74	3.92	4.45	4.38	5.21
Delaware	3.11	3.78	3.38	2.92	2.81	2.94	3.32	3.63
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.17	3.71	3.78	3.28	3.24	^R 3.17	3.09	3.11
Georgia	3.48	4.09	4.11	3.20	3.27	3.15	3.60	3.87
Hawaii	—	—	—	—	—	—	—	—
Idaho ^a	3.80	3.37	—	3.79	3.65	3.79	3.84	3.91
Illinois	3.63	4.80	4.31	2.64	2.95	3.44	3.83	3.98
Indiana	2.85	4.68	3.52	3.37	3.56	3.35	3.67	3.81
Iowa	3.12	3.85	3.88	3.11	3.24	2.89	3.34	2.97
Kansas	2.03	3.09	2.64	2.00	2.05	1.94	1.96	2.09
Kentucky	3.42	3.79	3.56	3.28	3.28	3.18	3.46	3.47
Louisiana	1.75	2.42	2.26	1.85	1.77	1.67	1.63	1.72
Maine	4.75	5.36	4.80	3.77	3.62	4.49	5.58	5.74
Maryland	3.51	NA	3.69	3.36	4.02	3.99	3.72	2.69
Massachusetts	4.78	6.20	5.48	2.05	3.85	5.24	5.91	^R 5.85
Michigan	4.01	4.15	3.85	4.27	4.11	3.88	3.90	4.14
Minnesota	2.59	3.11	3.16	2.10	2.26	2.35	2.90	2.87
Mississippi	2.61	3.14	2.90	2.70	2.53	2.59	2.51	2.59
Missouri	3.53	4.67	3.70	3.37	3.14	3.36	3.47	3.69
Montana	4.87	4.78	2.61	5.03	4.90	^R 4.87	^R 4.84	^R 4.83
Nebraska	2.81	3.33	3.07	2.58	2.67	2.67	2.90	2.88
Nevada	5.46	5.65	4.02	5.41	5.51	5.42	5.43	5.59
New Hampshire	NA	5.24	4.78	3.22	3.11	3.52	NA	6.52
New Jersey	3.21	3.87	3.83	2.86	2.88	2.98	3.49	3.29
New Mexico	3.40	4.44	4.07	2.86	3.16	4.06	5.62	5.37
New York	4.70	6.17	5.27	4.16	4.26	4.63	4.87	4.89
North Carolina	3.38	3.87	3.77	2.87	2.99	2.97	3.49	3.93
North Dakota	2.87	3.45	3.43	2.75	2.79	2.77	2.77	2.90
Ohio	4.54	4.91	4.56	4.04	3.91	4.49	4.34	4.70
Oklahoma	2.30	2.32	2.19	1.93	2.08	2.50	2.50	2.09
Oregon	3.44	3.54	3.53	3.44	3.46	3.38	3.41	3.48
Pennsylvania	4.03	4.35	3.88	3.92	3.94	3.66	4.00	4.48
Rhode Island	5.00	5.08	5.61	3.48	^R 4.52	4.67	5.37	7.10
South Carolina	3.08	3.48	3.40	2.87	2.89	2.88	2.99	2.76
South Dakota	3.25	3.68	3.56	3.84	3.28	2.92	3.20	3.14
Tennessee	3.26	3.96	3.88	2.96	^R 2.97	3.02	3.18	3.73
Texas	1.87	2.33	2.16	1.88	1.91	1.81	1.76	1.99
Utah	2.56	3.28	3.40	2.41	2.44	2.54	2.61	2.63
Vermont	3.41	3.56	3.66	3.37	3.31	3.38	3.47	3.56
Virginia	4.04	4.75	4.24	3.77	3.63	3.69	4.12	4.43
Washington	2.76	3.00	3.13	2.70	^R 2.87	2.64	2.66	2.79
West Virginia	2.60	3.31	2.74	2.57	2.49	2.55	2.53	2.66
Wisconsin	3.09	3.85	3.49	2.86	2.83	3.07	3.28	3.50
Wyoming	3.34	3.12	3.41	3.22	^R 3.18	3.43	3.49	3.37
Total	2.71	3.28	3.04	2.44	2.52	2.59	2.76	2.96

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	1995	1994						
	January	Total	December	November	October	September	August	July
Alabama	3.16	3.36	3.23	3.17	2.84	3.05	3.15	3.10
Alaska	1.51	1.44	1.50	1.45	1.45	1.45	1.45	1.45
Arizona	4.29	3.54	4.61	3.42	3.12	3.38	3.20	3.21
Arkansas	3.19	3.29	3.45	3.23	3.22	3.22	3.22	3.30
California	4.62	3.28	4.52	5.04	2.64	2.87	2.58	3.61
Colorado	2.16	2.34	2.24	2.27	1.94	2.12	2.08	2.06
Connecticut	5.42	4.47	4.74	4.24	3.75	3.75	3.76	3.80
Delaware	3.43	3.41	3.29	3.10	2.87	3.05	3.31	3.28
District of Columbia	—	1.00	—	—	—	—	—	—
Florida	3.14	3.52	3.25	3.20	3.21	3.35	3.46	3.44
Georgia	3.72	3.86	3.80	3.73	3.37	3.44	3.55	3.83
Hawaii	—	1.00	—	—	—	—	—	—
Idaho	3.81	1.96	3.95	0.48	1.96	2.36	3.56	2.16
Illinois	3.94	4.46	4.17	3.24	3.28	4.14	4.82	4.35
Indiana	1.74	4.43	3.97	3.58	3.64	4.29	4.85	4.72
Iowa	3.19	4.03	3.85	2.90	3.23	4.91	7.19	5.44
Kansas	2.18	2.61	2.42	2.24	1.86	2.33	2.78	2.73
Kentucky	3.71	3.67	3.66	3.50	3.31	3.28	3.60	3.50
Louisiana	1.85	2.15	1.87	1.75	1.69	1.92	2.12	2.12
Maine	5.73	4.79	5.24	4.38	3.95	4.03	4.00	3.90
Maryland	3.35	4.11	3.14	NA	3.63	3.21	3.52	3.78
Massachusetts	6.68	5.42	6.47	5.23	3.96	3.94	3.94	3.99
Michigan	3.97	4.22	4.16	4.17	4.26	5.15	4.85	4.72
Minnesota	3.04	2.94	2.73	2.91	2.87	2.47	2.49	2.66
Mississippi	2.74	2.97	2.80	2.80	2.60	2.67	2.89	2.99
Missouri	3.78	4.36	3.85	3.61	3.75	3.96	4.05	4.09
Montana	4.86	4.85	4.86	4.87	4.96	5.02	5.00	4.95
Nebraska	2.95	3.05	2.89	2.76	2.44	2.66	2.54	2.73
Nevada	5.41	5.67	5.71	5.85	5.60	5.71	5.64	5.60
New Hampshire	5.98	4.44	4.88	3.86	3.18	3.43	3.34	3.51
New Jersey	3.59	3.50	3.56	3.13	2.79	2.87	3.10	3.09
New Mexico	3.83	3.60	3.46	2.96	2.96	3.37	3.32	3.33
New York	4.91	5.69	5.51	5.06	4.69	4.58	4.51	4.85
North Carolina	3.96	3.69	3.80	3.49	3.28	3.31	3.36	3.30
North Dakota	3.07	3.10	1.44	3.15	3.05	3.19	3.12	3.07
Ohio	4.99	4.83	4.87	4.67	4.54	4.66	4.52	4.65
Oklahoma	2.58	2.23	2.43	2.82	1.76	1.91	1.97	1.93
Oregon	3.47	3.60	3.60	3.74	3.68	3.69	3.66	3.67
Pennsylvania	4.06	4.16	3.94	4.12	3.85	3.99	3.82	3.72
Rhode Island	6.51	4.35	4.32	3.88	3.40	3.74	3.76	3.88
South Carolina	4.33	3.22	3.19	3.03	2.73	3.00	3.17	3.08
South Dakota	3.39	3.74	3.48	3.30	3.59	4.55	4.51	4.72
Tennessee	3.59	3.75	3.39	3.45	3.51	3.47	3.59	3.73
Texas	1.93	2.18	2.07	2.04	1.77	1.83	2.07	2.29
Utah	2.63	2.76	2.04	2.59	2.44	2.52	2.50	2.50
Vermont	3.38	3.45	3.41	3.30	3.34	3.08	3.55	3.35
Virginia	4.29	4.95	5.03	5.63	5.70	6.01	5.68	4.28
Washington	2.93	2.87	3.08	2.85	2.60	2.62	2.58	2.64
West Virginia	2.76	3.06	2.89	2.84	2.63	2.67	2.51	2.85
Wisconsin	2.80	3.50	3.58	3.35	2.66	2.57	2.83	2.91
Wyoming	3.33	3.12	3.24	3.14	3.13	3.11	2.98	3.14
Total	2.91	3.05	3.03	2.88	2.51	2.60	2.75	2.84

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	
	June	May	April	March	February	January	Total	December
Alabama	3.29	3.44	3.49	3.82	3.87	3.83	3.37	3.59
Alaska	1.40	1.40	1.40	1.40	1.40	1.40	1.29	1.20
Arizona	3.29	3.53	3.59	3.94	4.24	4.05	4.02	3.95
Arkansas	3.30	3.31	3.35	3.38	3.24	3.24	3.31	3.45
California	2.43	3.64	2.51	4.85	3.31	3.11	2.82	2.50
Colorado	2.29	2.90	2.44	2.51	2.58	2.55	2.35	2.65
Connecticut	3.98	4.05	4.76	5.42	5.74	5.04	4.77	5.17
Delaware	3.15	3.47	4.15	3.59	4.48	4.26	3.40	3.85
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.55	3.56	3.69	3.82	3.93	3.78	3.83	3.96
Georgia	3.15	3.79	3.91	3.99	4.87	4.69	4.10	4.19
Hawaii	—	—	—	—	—	—	—	—
Idaho ^a	2.37	3.90	3.99	4.09	4.19	4.11	3.02	—
Illinois	4.55	4.88	5.02	4.64	4.92	4.75	4.44	4.87
Indiana	4.51	4.87	5.05	4.74	4.69	4.42	3.71	4.37
Iowa	4.10	3.46	4.08	3.80	3.93	3.76	3.77	4.35
Kansas	3.02	2.69	3.08	3.70	3.09	3.14	2.64	2.92
Kentucky	3.49	3.51	3.67	3.86	3.78	4.25	3.66	4.02
Louisiana	2.19	2.33	2.41	2.66	2.43	2.53	2.30	2.54
Maine	4.13	3.91	5.52	6.29	6.28	6.36	4.65	5.68
Maryland	4.14	3.66	5.14	4.73	5.32	3.16	3.59	3.60
Massachusetts	4.16	4.92	5.98	6.94	7.35	7.23	5.08	6.96
Michigan	4.43	4.29	4.18	4.14	4.04	4.15	3.91	3.88
Minnesota	2.69	2.76	3.07	3.21	3.30	3.27	3.20	3.19
Mississippi	2.90	3.03	3.06	3.35	3.37	3.10	2.99	3.40
Missouri	4.06	4.17	4.77	4.81	4.69	4.91	4.25	8.63
Montana	4.93	4.85	4.74	4.92	4.70	4.70	2.76	3.20
Nebraska	2.70	3.01	3.11	3.61	3.54	3.49	3.09	3.48
Nevada	5.59	5.66	5.64	5.67	5.68	5.65	4.30	4.20
New Hampshire	3.52	3.70	4.92	5.47	7.11	7.07	4.68	6.25
New Jersey	3.46	3.39	3.49	4.33	4.17	4.29	3.70	3.87
New Mexico	3.86	3.77	4.70	5.00	4.13	7.34	3.82	3.86
New York	5.34	5.57	6.57	6.40	6.32	6.07	5.17	5.06
North Carolina	3.18	3.35	3.47	4.04	4.20	4.54	3.74	4.40
North Dakota	3.13	3.13	3.26	3.41	3.88	3.49	3.42	3.31
Ohio	4.45	4.71	4.89	4.85	4.92	5.17	4.64	4.81
Oklahoma	2.19	1.96	2.42	2.47	2.31	2.48	2.20	2.49
Oregon	3.52	3.47	3.42	3.55	3.50	3.75	3.48	3.73
Pennsylvania	3.73	3.93	4.30	4.25	4.68	4.67	3.85	4.03
Rhode Island	3.83	4.12	4.70	5.98	7.08	6.40	5.11	5.24
South Carolina	3.08	3.22	3.21	3.68	3.99	4.06	3.35	3.81
South Dakota	4.63	3.45	3.47	3.62	3.52	3.74	3.76	4.61
Tennessee	3.70	3.93	4.04	3.86	4.02	4.16	3.89	4.06
Texas	2.02	2.32	2.25	2.52	2.37	2.43	2.51	2.44
Utah	2.51	2.58	3.37	3.01	4.92	3.09	3.67	5.02
Vermont	3.30	3.31	3.61	3.84	3.69	3.43	3.57	3.46
Virginia	4.65	4.56	4.69	4.81	4.75	4.87	3.88	3.92
Washington	2.67	2.87	2.98	3.15	3.13	3.16	3.22	3.22
West Virginia	2.54	3.19	3.03	3.54	3.68	3.45	2.66	3.15
Wisconsin	2.90	3.20	3.58	4.20	4.18	4.08	3.52	3.81
Wyoming	3.13	3.15	3.06	3.08	3.24	3.08	3.62	4.50
Total	2.78	3.00	3.08	3.59	3.50	3.54	3.07	3.28

^a = 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				
				May	April	March	February	January
Alabama	2.00	2.81	2.63	2.05	1.95	1.84	1.97	2.19
Alaska	0.84	0.74	0.64	0.84	0.82	0.83	0.83	0.87
Arizona	1.78	2.64	2.97	2.48	1.56	1.71	1.68	1.67
Arkansas	1.67	1.95	1.57	1.88	1.63	1.41	1.41	1.52
California	2.38	2.86	3.19	2.45	2.28	2.36	2.37	2.43
Colorado	1.68	2.45	2.39	1.79	1.68	1.61	1.60	1.76
Connecticut	2.10	6.02	5.40	2.10	2.07	1.99	2.04	2.31
Delaware	2.35	3.02	4.05	2.42	2.18	2.19	2.52	2.55
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.12	2.47	2.46	2.36	2.16	1.96	1.99	1.94
Georgia	3.37	3.88	3.92	2.92	2.99	3.00	3.80	7.97
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	1.58	2.42	2.86	1.71	1.64	1.51	1.55	1.64
Indiana	2.46	3.49	2.76	2.33	2.88	2.31	2.48	2.52
Iowa	2.95	3.73	3.41	3.31	2.73	3.01	3.04	2.89
Kansas	1.69	2.19	2.43	1.85	1.64	1.51	1.62	1.82
Kentucky	3.14	3.27	3.20	4.08	3.89	2.95	2.37	2.63
Louisiana	1.81	2.55	2.49	1.90	1.78	1.69	1.76	1.88
Maine	—	—	—	—	—	—	—	—
Maryland	2.55	3.46	3.04	2.64	2.64	2.54	2.35	2.76
Massachusetts	2.10	2.86	2.94	2.09	2.07	2.00	2.27	2.74
Michigan	0.69	0.99	0.57	0.48	0.55	0.86	0.99	0.64
Minnesota	1.85	2.49	2.67	1.78	1.62	1.74	1.97	2.10
Mississippi	1.72	2.53	2.36	1.84	1.74	1.59	1.60	1.78
Missouri	1.54	2.36	2.62	1.62	1.56	1.43	1.48	1.85
Montana	11.92	1.62	5.95	4.66	25.80	12.45	37.93	6.70
Nebraska	1.87	2.23	2.65	1.94	1.60	1.90	1.90	2.09
Nevada	1.70	2.30	2.57	1.80	1.85	1.51	1.57	1.89
New Hampshire	1.97	2.16	2.21	1.98	1.98	—	—	1.85
New Jersey	1.94	2.62	2.55	2.44	1.90	1.74	1.72	1.96
New Mexico	1.56	2.22	2.32	1.57	1.50	1.44	1.48	1.84
New York	2.19	2.69	2.91	2.20	2.13	2.08	2.20	2.40
North Carolina	2.45	3.88	3.91	2.17	2.50	2.89	3.42	—
North Dakota	3.67	4.46	4.25	—	3.77	3.68	3.68	3.64
Ohio	2.40	4.22	2.75	2.18	2.47	2.28	2.16	4.03
Oklahoma	2.36	3.24	3.47	2.46	2.28	2.27	2.34	2.46
Oregon	1.42	2.18	2.24	1.13	1.25	1.15	1.60	1.54
Pennsylvania	2.34	3.47	2.59	2.29	1.86	2.38	2.54	2.52
Rhode Island	—	2.35	—	—	—	—	—	—
South Carolina	1.68	3.62	3.34	2.50	2.73	1.43	3.83	3.42
South Dakota	—	—	2.62	—	—	—	—	—
Tennessee	—	—	1.11	—	—	—	—	—
Texas	1.91	2.46	2.50	1.92	1.86	1.85	1.92	2.06
Utah	2.68	2.61	2.05	2.69	2.70	2.63	2.71	2.66
Vermont	1.89	2.19	2.40	2.31	2.23	1.86	1.90	1.82
Virginia	2.65	3.45	2.96	2.41	2.60	2.57	2.70	2.83
Washington	4.80	4.18	4.28	5.83	29.07	6.51	4.28	4.49
West Virginia	3.88	4.38	3.96	4.08	4.09	3.52	3.51	3.63
Wisconsin	2.31	3.27	2.71	2.26	2.22	2.18	2.42	2.40
Wyoming	9.17	3.70	3.28	11.58	10.51	5.93	16.27	7.69
Total	2.01	2.59	2.70	2.05	1.96	1.91	1.99	2.13

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							
	Total	December	November	October	September	August	July	June
Alabama	2.37	2.23	2.16	2.10	1.94	2.24	2.33	2.17
Alaska	0.72	0.70	0.70	0.71	0.72	0.72	0.72	0.72
Arizona	2.23	2.19	2.07	1.81	2.07	2.09	2.25	2.15
Arkansas	1.87	1.60	1.56	1.43	1.59	1.95	2.06	2.03
California	2.56	2.30	2.44	2.38	2.40	2.32	2.42	2.48
Colorado	2.21	2.10	1.92	1.83	1.96	2.73	2.04	2.18
Connecticut	1.99	2.22	2.03	1.64	1.71	2.03	2.37	2.74
Delaware	2.43	2.49	2.25	1.75	1.93	2.37	2.47	2.35
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.18	2.35	2.01	1.82	1.77	2.00	2.25	2.08
Georgia	3.29	4.24	5.18	2.83	2.96	2.81	3.28	3.17
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	2.04	1.83	1.72	1.59	1.63	1.88	2.01	2.18
Indiana	2.72	2.48	2.29	2.05	2.03	2.31	2.42	2.44
Iowa	3.18	2.95	2.86	2.75	3.03	2.73	2.65	3.11
Kansas	1.89	2.00	1.80	1.40	1.71	1.78	1.92	1.88
Kentucky	2.93	2.87	2.91	2.45	2.39	2.63	2.76	2.82
Louisiana	2.17	1.96	1.88	1.72	1.73	2.08	2.28	2.21
Maine	—	—	—	—	—	—	—	—
Maryland	2.57	2.69	2.36	2.38	2.21	2.49	2.57	2.71
Massachusetts	2.32	2.15	2.24	1.95	2.02	2.51	2.37	2.39
Michigan	0.97	0.45	0.50	1.13	0.85	0.74	1.42	1.72
Minnesota	2.14	2.08	2.22	1.88	2.03	2.05	2.07	2.05
Mississippi	1.98	1.87	1.72	1.58	1.75	1.99	2.18	2.24
Missouri	1.90	2.12	2.13	1.40	1.54	1.92	2.02	2.06
Montana	1.21	3.25	0.65	2.40	0.35	0.65	1.99	2.48
Nebraska	2.02	1.93	1.86	1.51	2.03	2.11	2.12	1.86
Nevada	1.99	1.92	1.96	1.54	1.69	1.93	1.94	2.14
New Hampshire	2.13	1.97	1.90	1.62	1.74	2.06	2.27	2.35
New Jersey	2.17	1.91	1.88	1.70	1.72	2.16	2.30	2.24
New Mexico	1.99	1.95	1.79	1.55	1.74	1.94	2.00	1.89
New York	2.30	2.35	2.19	1.95	2.00	2.22	2.35	2.35
North Carolina	3.38	3.52	3.52	2.74	2.47	2.49	2.49	2.46
North Dakota	4.11	3.57	3.64	—	—	4.21	4.16	4.11
Ohio	3.85	4.98	4.38	4.06	4.80	3.03	4.29	4.24
Oklahoma	2.76	2.56	2.55	2.64	2.43	2.58	2.50	2.66
Oregon	1.85	1.88	1.77	1.61	1.46	1.70	1.73	1.91
Pennsylvania	2.36	2.54	2.19	1.99	1.92	2.21	2.51	2.53
Rhode Island	2.29	—	—	—	—	1.88	2.06	2.09
South Carolina	1.71	1.51	1.61	1.53	2.32	3.44	3.94	3.68
South Dakota	2.65	—	—	—	—	—	2.89	2.59
Tennessee	—	—	—	—	—	—	—	—
Texas	2.20	2.13	2.02	1.85	1.93	2.04	2.22	2.16
Utah	2.42	2.59	2.62	2.20	2.18	2.24	2.62	2.46
Vermont	2.31	2.09	2.08	2.05	1.92	2.43	2.24	2.93
Virginia	2.66	2.67	2.24	1.96	2.10	2.41	2.68	2.60
Washington	4.95	8.64	4.77	6.41	4.47	10.65	5.07	4.69
West Virginia	4.00	3.90	3.61	3.99	3.97	3.75	4.20	4.40
Wisconsin	2.66	2.55	2.23	2.10	2.15	2.34	2.48	2.41
Wyoming	5.80	5.54	43.55	5.55	10.65	6.72	3.99	6.89
Total	2.28	2.17	2.10	1.95	2.00	2.16	2.27	2.25

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		
	May	April	March	February	January	Total	December	November
Alabama	2.48	2.54	3.15	3.18	2.89	2.65	2.98	2.64
Alaska	0.73	0.72	0.74	0.75	0.75	0.64	0.64	0.63
Arizona	2.70	2.51	2.64	2.74	2.56	2.88	2.87	2.64
Arkansas	1.98	2.06	1.82	1.73	1.76	2.27	1.75	2.49
California	2.79	2.70	2.98	3.05	2.82	3.05	3.03	2.88
Colorado	2.30	2.28	2.63	2.50	2.58	2.53	2.89	2.45
Connecticut	12.64	—	7.19	6.12	5.83	3.90	6.03	7.04
Delaware	2.76	2.84	2.86	3.68	3.13	2.69	2.97	2.85
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.76	2.27	2.37	2.40	2.40	2.36	2.12	2.12
Georgia	4.62	3.79	2.47	5.42	4.46	3.31	4.86	3.72
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	2.13	2.23	2.56	2.77	2.67	2.48	2.45	2.42
Indiana	2.91	2.62	3.20	4.09	4.12	2.77	3.01	2.66
Iowa	3.84	3.81	3.74	3.78	3.44	3.12	3.34	3.42
Kansas	2.07	1.98	2.30	2.53	2.30	2.26	2.30	2.09
Kentucky	3.51	3.44	3.13	3.44	3.01	3.07	3.35	3.05
Louisiana	2.39	2.37	2.67	3.00	2.64	2.49	2.77	2.52
Maine	—	—	—	—	—	—	—	—
Maryland	3.23	3.26	3.76	3.47	3.63	3.01	3.60	3.19
Massachusetts	2.55	2.67	3.34	2.94	3.80	2.72	2.23	2.82
Michigan	1.17	1.16	0.76	0.82	1.21	0.92	0.91	0.72
Minnesota	2.30	2.69	2.45	2.64	2.59	2.47	2.81	2.41
Mississippi	2.32	2.35	2.56	3.13	2.74	2.47	2.43	2.42
Missouri	2.20	2.21	2.84	2.63	2.61	2.34	2.63	2.35
Montana	0.90	3.42	4.83	3.30	0.93	2.83	1.99	1.06
Nebraska	1.93	2.10	2.58	3.14	3.11	2.66	3.14	2.86
Nevada	2.11	2.22	2.46	2.56	2.43	2.45	2.99	2.54
New Hampshire	2.16	—	—	—	—	2.21	—	—
New Jersey	2.52	2.39	2.83	2.68	2.80	2.38	2.91	2.42
New Mexico	2.10	2.11	2.26	2.38	2.30	2.23	2.48	2.22
New York	2.47	2.56	2.94	3.17	3.06	2.73	2.79	2.75
North Carolina	3.02	3.25	3.97	4.00	4.20	3.63	4.18	3.91
North Dakota	4.13	4.61	4.51	—	4.46	4.59	4.51	4.47
Ohio	3.96	3.48	4.76	4.40	4.32	2.94	3.67	4.16
Oklahoma	2.89	3.32	3.44	3.41	3.33	3.23	3.38	3.05
Oregon	—	1.85	2.21	2.11	2.30	2.28	2.67	2.31
Pennsylvania	3.26	3.10	3.04	3.73	4.11	2.65	4.45	2.92
Rhode Island	1.94	2.16	2.26	2.90	2.09	2.51	2.08	2.10
South Carolina	3.93	3.09	3.53	3.87	3.53	2.97	3.53	3.23
South Dakota	—	—	—	—	—	2.41	—	—
Tennessee	—	—	—	—	—	2.78	—	—
Texas	2.30	2.30	2.53	2.68	2.58	2.47	2.68	2.51
Utah	2.48	1.93	2.75	2.79	2.88	2.31	2.64	2.58
Vermont	1.87	2.16	—	3.79	—	2.01	2.19	2.17
Virginia	2.95	3.41	3.83	4.78	3.09	2.89	3.08	2.68
Washington	7.30	4.21	6.53	4.21	3.97	3.89	3.92	3.61
West Virginia	4.15	3.75	4.70	4.29	4.46	4.35	4.69	5.24
Wisconsin	2.68	2.83	3.35	3.46	3.53	2.66	3.72	3.40
Wyoming	3.80	3.80	4.09	3.99	1.64	3.44	3.77	3.77
Total	2.46	2.44	2.67	2.80	2.67	2.61	2.76	2.59

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

— = 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							
	June		May		April		March	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	70.1	15.1	72.1	15.4	76.7	17.1	81.9	18.1
Alaska	76.4	91.6	81.9	98.4	83.8	97.9	83.2	98.3
Arizona	86.5	35.7	86.5	27.3	85.7	33.4	87.9	33.2
Arkansas	94.3	13.1	94.4	13.2	95.9	14.5	96.9	14.4
California	52.8	15.0	50.0	15.0	56.6	14.1	^R 64.5	15.6
Colorado	95.3	15.0	94.8	19.5	94.0	24.1	94.8	24.8
Connecticut	66.1	83.3	75.4	90.0	75.9	^R 81.1	85.6	87.7
Delaware	100.0	67.9	100.0	79.0	100.0	75.6	100.0	62.9
District of Columbia	69.6	—	73.3	—	76.5	—	82.8	—
Florida	98.0	10.2	97.8	12.7	97.8	^R 11.8	97.3	12.9
Georgia	87.4	30.7	88.8	29.3	89.9	26.3	92.7	30.2
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	85.3	3.2	86.0	2.5	85.5	3.0	54.9	2.3
Illinois	43.5	8.4	40.4	8.4	48.9	10.6	52.3	10.1
Indiana	75.1	8.8	82.6	10.1	86.5	13.8	89.0	13.5
Iowa	81.5	5.6	62.0	5.6	88.5	7.6	90.9	8.1
Kansas	61.5	13.8	58.9	11.6	65.4	11.5	83.5	10.2
Kentucky	79.2	23.3	86.4	21.8	85.3	22.4	89.2	21.1
Louisiana	97.9	32.2	98.1	30.7	98.5	28.3	98.0	30.8
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	96.2	10.6	95.9	13.8	96.7	7.2	97.8	30.0
Massachusetts	81.8	59.4	59.7	42.2	^R 87.7	43.7	97.3	44.7
Michigan	43.7	4.9	59.5	6.5	66.4	10.8	69.7	12.7
Minnesota	92.7	34.3	95.3	34.6	96.0	35.3	94.8	22.5
Mississippi	88.2	36.7	92.2	41.9	^R 92.4	40.9	93.1	40.9
Missouri	73.1	20.1	79.4	21.0	80.5	17.9	86.2	20.7
Montana	90.2	1.5	92.0	2.5	91.9	^R 8.6	92.5	^R 1.8
Nebraska	65.2	16.0	67.0	15.3	73.9	17.2	73.3	19.8
Nevada	77.2	7.2	77.8	7.2	79.6	8.6	78.1	8.0
New Hampshire	98.5	59.7	98.9	62.2	99.3	^R 66.8	99.3	NA
New Jersey	78.5	35.2	83.3	42.5	86.3	39.8	90.6	44.8
New Mexico	50.5	5.9	50.8	4.0	49.8	0.8	52.7	0.6
New York	65.2	10.8	^R 70.7	12.1	78.5	13.2	80.7	13.5
North Carolina	86.4	42.3	90.3	41.9	75.4	45.5	94.3	48.4
North Dakota	70.5	13.2	79.9	14.0	83.1	18.1	84.2	20.7
Ohio	61.2	4.0	67.6	4.2	76.6	5.9	78.6	7.3
Oklahoma	81.5	16.0	86.6	19.0	87.0	24.2	90.9	20.9
Oregon	97.8	23.8	97.9	24.0	98.2	28.2	98.2	29.5
Pennsylvania	66.9	13.1	69.2	14.6	71.0	17.1	74.6	17.7
Rhode Island	100.0	52.4	^R 100.0	^R 47.6	100.0	47.3	100.0	45.3
South Carolina	92.2	81.9	94.7	83.1	94.2	79.8	96.0	80.8
South Dakota	77.1	17.3	82.8	21.8	87.2	31.5	89.7	39.4
Tennessee	88.5	32.2	^R 89.3	^R 40.4	93.6	26.5	92.6	36.3
Texas	71.8	24.6	49.1	21.3	65.6	26.2	77.8	26.8
Utah	79.4	11.0	80.1	9.3	83.2	10.1	82.5	15.6
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	71.8	10.5	73.4	9.2	74.9	11.8	87.2	14.6
Washington	91.2	33.7	91.7	^R 33.3	92.5	37.8	94.1	41.2
West Virginia	33.1	12.4	40.0	12.5	46.1	12.3	53.8	12.6
Wisconsin	88.3	45.1	92.4	47.8	94.1	52.4	94.7	51.6
Wyoming	91.8	0.8	^R 90.6	^R 0.7	93.4	0.7	94.5	0.8
Total	67.2	21.3	66.1	20.5	^R 72.6	^R 21.8	^R 76.8	22.8

See footnotes at end of table.

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

State	1995				1994			
	February		January		Total		December	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	81.8	20.4	77.9	21.2	76.0	19.5	72.0	20.0
Alaska	83.9	98.0	100.0	86.6	100.0	60.0	100.0	97.0
Arizona	92.6	24.8	91.5	25.7	89.6	29.0	91.1	28.4
Arkansas	98.3	16.6	97.7	15.3	94.5	13.9	97.1	13.4
California	58.5	15.6	^a 61.2	15.6	47.7	16.7	70.9	13.9
Colorado	95.8	22.0	95.6	24.3	92.1	24.1	95.6	26.9
Connecticut	88.1	92.8	85.9	87.9	81.2	94.0	83.7	99.1
Delaware	100.0	64.9	100.0	63.4	100.0	67.2	100.0	66.7
District of Columbia	86.4	—	81.7	—	91.2	—	82.4	—
Florida	97.2	12.4	96.5	13.0	97.4	14.5	96.4	15.2
Georgia	96.8	37.3	95.7	41.4	91.3	31.6	91.9	32.9
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	89.1	2.7	89.7	1.8	85.5	4.8	88.0	2.4
Illinois	52.5	14.0	54.0	13.9	51.8	10.7	50.9	9.6
Indiana	89.4	16.4	89.2	29.8	77.1	12.7	86.9	14.0
Iowa	91.8	10.8	74.9	13.3	89.9	11.0	90.5	9.6
Kansas	69.6	11.2	79.6	8.6	73.4	6.5	78.2	9.4
Kentucky	90.5	24.0	90.1	23.6	90.9	29.1	89.3	24.6
Louisiana	98.1	35.1	97.7	31.3	97.3	25.0	97.4	25.4
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	98.5	23.6	97.9	14.5	97.1	15.7	97.8	16.9
Massachusetts	93.9	^a 46.5	92.4	40.8	77.1	25.8	90.4	34.7
Michigan	70.4	14.1	71.1	14.2	64.9	9.4	68.9	12.0
Minnesota	93.2	25.7	93.0	30.7	95.9	40.5	95.0	33.9
Mississippi	93.1	43.5	92.1	41.6	91.9	31.5	90.2	37.9
Missouri	87.8	22.2	85.5	21.7	76.4	15.6	81.0	15.4
Montana	92.5	^a 2.3	93.0	4.9	91.8	4.0	93.1	5.7
Nebraska	79.6	25.5	80.0	26.9	80.4	23.7	76.8	24.6
Nevada	83.7	9.8	82.1	10.5	83.1	8.7	81.8	10.6
New Hampshire	99.6	53.6	100.0	66.2	100.0	93.4	100.0	69.3
New Jersey	91.7	43.2	93.1	43.7	92.0	58.5	92.4	45.6
New Mexico	67.2	0.6	54.0	1.6	57.0	4.7	63.4	6.3
New York	82.0	16.6	79.8	17.5	71.5	15.0	82.1	22.7
North Carolina	95.9	46.8	95.6	45.7	94.0	56.1	99.3	63.4
North Dakota	85.7	25.1	84.2	25.0	79.7	26.0	76.8	31.5
Ohio	79.9	8.6	80.9	8.1	81.5	8.8	81.4	8.2
Oklahoma	91.0	26.4	91.4	17.5	85.7	23.6	88.7	20.0
Oregon	98.4	29.5	98.5	28.4	98.1	31.5	98.6	30.7
Pennsylvania	73.4	17.5	74.1	19.1	73.6	17.9	71.2	17.9
Rhode Island	100.0	37.4	100.0	38.1	100.0	52.1	100.0	52.7
South Carolina	97.1	76.1	97.4	76.2	98.1	76.7	99.9	84.7
South Dakota	90.8	36.6	92.1	38.2	89.1	37.4	92.1	39.6
Tennessee	94.8	33.7	94.6	35.8	75.4	29.0	91.3	35.3
Texas	70.4	22.4	72.3	27.0	73.0	25.3	73.2	25.5
Utah	85.6	13.2	85.6	10.8	83.3	11.8	85.9	11.3
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	88.6	16.4	89.4	16.1	85.5	5.5	83.9	6.2
Washington	93.9	39.2	94.2	38.0	95.4	41.6	94.7	39.0
West Virginia	57.5	13.0	53.2	12.5	53.7	8.5	51.5	8.7
Wisconsin	95.1	53.4	94.5	52.7	88.6	49.9	74.5	61.8
Wyoming	98.4	0.7	89.9	0.9	97.5	1.8	97.9	1.7
Total	76.6	^a 22.8	^a 76.3	23.4	73.4	22.1	76.7	22.1

See footnotes at end of table.

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

State	1994							
	November		October		September		August	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	68.6	18.8	64.5	20.2	58.8	18.4	66.5	17.7
Alaska	100.0	60.7	100.0	58.9	100.0	49.2	100.0	46.7
Arizona	89.7	33.2	90.2	34.0	89.0	34.9	86.0	30.3
Arkansas	96.0	14.9	94.7	14.6	96.1	13.6	93.6	12.8
California	57.3	11.5	51.7	17.9	45.5	17.7	45.8	18.5
Colorado	93.5	27.6	91.8	29.4	93.2	25.6	91.8	28.1
Connecticut	78.2	99.9	69.2	91.5	58.6	82.3	61.5	80.1
Delaware	100.0	73.2	100.0	70.1	100.0	65.6	100.0	63.0
District of Columbia	76.9	—	72.6	—	73.9	—	88.8	—
Florida	97.4	15.9	97.5	11.8	98.2	11.1	98.1	11.5
Georgia	90.8	33.4	87.6	28.9	84.9	28.0	87.9	27.6
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	84.0	19.5	79.2	2.5	72.6	4.9	79.9	3.2
Illinois	48.8	12.0	46.4	9.0	38.7	6.4	35.4	5.2
Indiana	61.2	13.1	78.8	10.2	74.3	8.2	71.3	8.1
Iowa	89.9	11.0	85.3	18.2	79.6	9.3	79.1	8.7
Kansas	82.6	6.5	76.3	9.6	70.9	8.1	70.5	9.0
Kentucky	87.3	22.2	86.9	21.9	82.5	21.6	82.7	21.6
Louisiana	97.8	26.4	98.0	25.2	98.2	25.2	92.9	24.9
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	96.5	12.6	96.2	6.5	95.2	6.6	94.1	10.1
Massachusetts	72.0	39.3	69.3	41.3	62.0	36.4	71.6	35.5
Michigan	62.6	7.4	54.5	5.1	44.5	3.6	41.4	4.5
Minnesota	95.4	27.1	91.9	20.1	89.6	35.3	91.6	38.5
Mississippi	89.9	40.5	89.0	39.8	90.6	39.7	90.6	40.1
Missouri	75.7	11.3	68.7	10.3	66.7	11.4	68.5	14.4
Montana	91.2	3.8	89.0	3.7	87.6	2.1	87.9	2.1
Nebraska	66.2	18.9	62.1	24.1	66.6	19.9	79.9	21.6
Nevada	77.5	8.9	74.7	6.9	77.1	6.5	75.3	6.0
New Hampshire	100.0	78.2	100.0	81.0	100.0	100.0	100.0	100.0
New Jersey	90.1	42.0	88.5	42.2	84.3	41.4	82.9	43.8
New Mexico	58.9	6.2	54.9	5.4	49.3	5.1	39.1	7.7
New York	78.3	19.4	76.6	16.1	75.3	15.1	73.7	13.2
North Carolina	93.2	49.3	86.3	37.2	86.7	35.9	89.1	44.0
North Dakota	82.2	24.2	64.1	12.9	61.9	11.3	63.3	19.6
Ohio	78.7	6.9	75.1	5.5	66.5	5.0	67.5	6.3
Oklahoma	81.6	21.1	73.7	19.8	71.4	28.1	68.9	21.1
Oregon	97.8	29.6	97.0	27.7	97.9	27.3	97.7	30.6
Pennsylvania	67.7	14.2	61.6	13.8	67.1	13.8	70.4	15.3
Rhode Island	100.0	59.0	100.0	54.4	100.0	48.7	100.0	53.0
South Carolina	95.6	83.4	94.9	83.9	94.5	80.6	95.0	82.0
South Dakota	88.4	41.0	83.4	33.4	79.0	26.9	82.0	25.6
Tennessee	90.0	32.9	86.0	31.6	87.2	41.8	75.5	29.8
Texas	55.8	23.8	50.5	24.9	62.7	19.1	61.6	24.0
Utah	83.9	18.3	83.8	16.9	79.9	12.8	79.1	12.3
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	76.5	5.4	85.9	4.1	69.4	3.1	69.5	4.8
Washington	94.2	36.7	93.9	38.4	94.5	38.0	91.9	39.9
West Virginia	41.7	7.5	44.1	7.7	46.7	7.1	41.0	7.3
Wisconsin	90.1	48.9	84.3	45.3	79.6	44.4	78.5	41.3
Wyoming	97.5	2.1	97.1	1.3	95.7	1.7	94.7	2.7
Total	70.8	20.9	67.7	21.0	65.9	19.5	66.0	20.6

See footnotes at end of table.

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

State	1994							
	July		June		May		April	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	69.8	20.3	71.8	17.9	73.5	18.2	79.3	19.0
Alaska	100.0	45.3	100.0	42.2	100.0	60.2	100.0	61.7
Arizona	86.9	29.6	88.1	30.9	90.3	29.2	89.7	31.9
Arkansas	93.5	12.1	90.7	12.7	90.1	13.6	94.2	14.5
California	35.9	13.6	31.7	18.7	46.9	19.7	40.0	25.2
Colorado	91.5	27.2	94.4	24.4	95.5	15.6	95.1	29.4
Connecticut	62.8	96.9	68.2	90.6	74.6	98.0	89.0	94.3
Delaware	100.0	66.0	100.0	71.2	100.0	66.4	100.0	54.4
District of Columbia	77.2	—	94.5	—	95.8	—	98.8	—
Florida	97.9	10.9	98.0	15.9	97.1	22.3	98.0	15.0
Georgia	86.7	30.5	85.5	30.4	88.3	30.1	89.4	29.4
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	84.0	3.6	82.5	3.0	83.0	2.6	85.7	2.5
Illinois	35.2	5.9	36.9	6.2	45.5	6.4	48.9	9.3
Indiana	74.7	7.9	72.4	9.2	80.6	9.4	84.2	12.9
Iowa	80.4	7.4	83.3	9.6	87.3	8.9	90.0	7.9
Kansas	70.0	10.0	69.3	3.8	68.9	6.9	74.4	4.5
Kentucky	82.2	29.9	84.7	25.1	87.5	34.2	91.6	31.4
Louisiana	93.5	25.3	98.4	23.9	97.8	26.1	97.8	26.5
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	95.2	9.6	95.4	11.8	95.8	6.8	95.8	25.7
Massachusetts	67.2	32.6	73.9	33.6	77.1	40.0	98.5	37.4
Michigan	40.8	4.7	44.8	4.6	59.3	7.2	65.5	11.0
Minnesota	96.9	41.2	91.0	36.0	98.4	36.7	96.7	43.9
Mississippi	93.5	38.0	93.0	27.5	93.8	24.5	92.8	31.8
Missouri	68.7	14.4	73.7	16.3	77.8	16.8	84.2	21.0
Montana	88.7	2.5	89.7	2.6	91.9	3.2	91.8	3.9
Nebraska	77.4	17.4	75.8	18.9	82.3	20.9	84.2	20.7
Nevada	77.1	7.2	80.2	8.7	80.8	8.0	82.0	8.9
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	82.1	45.1	85.8	42.3	87.9	47.1	90.3	40.5
New Mexico	54.9	6.6	48.9	1.8	49.0	5.0	56.3	1.8
New York	68.3	17.7	73.5	13.1	73.7	14.6	77.9	20.5
North Carolina	90.7	49.3	90.9	53.0	93.1	50.8	94.6	53.4
North Dakota	66.3	23.3	69.8	20.2	78.5	23.8	82.2	30.2
Ohio	66.8	6.2	70.6	6.6	75.9	7.4	78.4	9.9
Oklahoma	69.8	27.1	77.4	21.2	85.2	23.1	87.2	27.1
Oregon	98.1	29.3	97.7	29.8	97.6	30.8	97.4	30.5
Pennsylvania	66.2	15.8	70.0	15.4	70.9	16.9	73.1	17.3
Rhode Island	100.0	42.1	100.0	52.6	100.0	65.0	100.0	70.0
South Carolina	96.5	81.3	98.1	82.5	97.4	71.0	97.6	68.2
South Dakota	72.7	35.2	74.7	27.9	84.8	32.1	88.4	41.9
Tennessee	84.6	31.3	87.2	33.2	86.4	29.2	91.5	30.7
Texas	72.8	25.5	60.5	24.1	49.4	27.2	64.0	28.3
Utah	76.6	11.2	78.4	10.9	77.8	11.3	82.5	8.2
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	79.9	3.6	73.5	3.1	82.8	8.9	80.2	12.1
Washington	92.5	37.7	92.2	38.9	92.2	49.1	97.4	40.9
West Virginia	46.2	7.4	43.4	8.5	54.6	8.9	53.1	7.5
Wisconsin	73.2	44.1	82.7	41.1	85.8	43.2	93.8	48.2
Wyoming	95.7	2.1	94.5	1.8	96.9	1.7	98.2	1.6
Total	63.4	20.9	65.2	20.6	68.5	21.9	73.5	23.3

See footnotes at end of table.

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

State	1994						1993	
	March		February		January		Total	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	80.5	18.8	84.8	23.3	82.8	21.1	80.8	27.5
Alaska	100.0	55.8	100.0	75.6	100.0	61.2	100.0	70.6
Arizona	91.6	28.3	73.5	3.5	94.0	24.8	91.5	25.0
Arkansas	94.8	12.8	95.4	18.2	93.2	13.7	91.8	14.0
California	50.1	15.7	46.5	26.3	50.8	24.1	76.9	26.3
Colorado	95.9	32.8	96.3	28.9	96.2	29.6	95.5	35.6
Connecticut	88.5	97.7	90.8	98.1	89.4	98.5	98.1	72.4
Delaware	100.0	64.5	100.0	70.5	100.0	68.6	100.0	74.7
District of Columbia	100.0	—	99.8	—	99.9	—	98.0	—
Florida	97.4	15.1	96.9	14.9	96.7	16.3	97.8	26.9
Georgia	91.6	32.4	94.4	36.6	96.7	41.7	90.5	32.8
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	88.0	2.4	88.5	3.1	87.7	2.3	86.8	0.3
Illinois	57.0	15.3	59.2	17.3	58.1	16.6	55.3	13.1
Indiana	89.4	16.8	95.2	23.1	89.3	18.7	95.2	20.1
Iowa	90.7	12.8	94.0	13.4	92.5	14.0	94.7	14.6
Kansas	81.6	2.5	85.0	5.7	81.5	6.2	82.6	13.0
Kentucky	94.2	38.0	95.6	50.6	93.3	27.0	92.6	30.1
Louisiana	97.9	25.5	98.0	23.5	97.5	22.8	98.1	31.1
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	98.2	30.8	98.3	36.8	98.1	19.6	96.6	20.2
Massachusetts	80.4	36.1	91.9	39.3	99.3	39.5	97.5	40.7
Michigan	70.1	13.7	70.8	15.6	73.0	14.5	68.6	11.8
Minnesota	97.2	56.5	97.4	57.0	97.3	60.9	97.0	43.4
Mississippi	92.5	34.1	93.2	33.0	91.9	32.8	96.6	39.6
Missouri	86.8	22.2	86.4	21.3	88.1	28.0	84.6	23.6
Montana	92.7	5.2	93.1	6.6	92.8	4.9	93.2	10.1
Nebraska	87.3	25.5	90.1	35.3	89.3	34.4	91.0	27.4
Nevada	86.6	8.9	89.7	12.8	94.0	11.2	92.7	17.1
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	96.4	56.9	96.4	65.2	95.1	64.7	91.6	55.9
New Mexico	59.4	2.2	63.6	6.4	61.8	1.4	62.5	5.4
New York	83.5	27.8	83.6	34.0	84.0	29.7	77.2	24.1
North Carolina	93.9	81.1	95.7	84.2	96.4	83.9	98.5	78.3
North Dakota	83.1	29.5	86.9	37.6	82.7	36.1	72.7	25.0
Ohio	84.9	11.2	86.5	14.3	87.4	13.1	84.6	10.2
Oklahoma	91.3	25.7	92.2	25.2	88.4	24.0	90.0	30.4
Oregon	98.3	35.5	98.6	39.0	98.5	37.3	97.9	28.1
Pennsylvania	76.6	22.7	79.8	25.9	78.9	23.4	77.4	24.2
Rhode Island	100.0	53.4	100.0	42.1	100.0	34.4	100.0	50.7
South Carolina	100.0	63.2	100.0	64.7	100.0	67.4	98.8	64.9
South Dakota	92.6	40.4	92.3	50.1	92.9	43.7	83.9	51.2
Tennessee	97.4	42.9	98.2	44.3	96.6	34.9	95.8	46.3
Texas	64.6	29.2	60.6	28.3	63.2	24.4	83.8	32.2
Utah	83.0	9.7	85.3	9.2	83.9	8.8	100.0	6.9
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	91.2	12.9	96.6	13.4	94.4	14.8	88.8	30.9
Washington	97.6	47.0	97.6	48.8	97.7	47.2	93.9	41.3
West Virginia	57.0	8.3	60.8	11.9	64.7	10.0	54.3	20.6
Wisconsin	95.4	56.4	95.6	56.3	94.7	55.5	94.4	45.6
Wyoming	98.0	1.8	97.4	1.6	98.7	1.6	98.0	2.4
Total	77.1	24.3	78.0	25.8	78.0	23.9	83.9	29.8

See footnotes at end of table.

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

State	1993							
	December		November		October		September	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	79.2	26.8	74.7	26.5	71.3	26.3	74.4	26.0
Alaska	100.0	70.1	100.0	71.2	100.0	54.8	100.0	68.6
Arizona	92.4	26.8	90.7	24.0	92.1	22.9	90.2	22.8
Arkansas	98.7	14.0	92.7	15.0	87.8	13.7	85.7	12.9
California	78.7	24.7	75.7	23.0	73.8	30.5	70.6	26.6
Colorado	95.9	37.3	94.1	27.5	90.5	28.6	95.2	37.6
Connecticut	100.0	76.2	100.0	79.9	100.0	78.1	99.6	73.2
Delaware	100.0	74.2	100.0	74.6	100.0	76.6	100.0	79.2
District of Columbia	97.1	—	95.9	—	92.6	—	90.1	—
Florida	97.0	18.9	97.3	17.7	98.2	18.8	98.4	23.8
Georgia	93.0	36.8	91.2	32.7	86.0	26.5	85.6	24.3
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	87.8	3.4	81.5	—	77.7	—	79.2	—
Illinois	56.0	14.2	53.7	12.4	50.2	9.7	50.0	8.0
Indiana	96.0	18.8	92.2	18.7	90.7	14.8	92.9	12.8
Iowa	93.2	12.3	95.2	21.7	92.8	17.9	88.9	11.1
Kansas	79.9	9.6	75.5	11.7	72.2	11.4	81.3	16.9
Kentucky	95.4	30.7	94.5	27.9	88.5	28.5	88.1	30.1
Louisiana	97.5	30.5	97.1	31.7	98.2	30.4	98.8	28.7
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	98.1	34.4	97.1	21.3	95.4	20.6	93.4	12.7
Massachusetts	97.8	32.7	97.0	37.8	96.7	38.6	97.5	33.0
Michigan	73.1	15.6	68.2	12.5	63.1	8.1	50.9	6.6
Minnesota	99.1	52.5	96.5	35.8	95.3	40.5	96.2	41.7
Mississippi	96.5	34.2	96.1	33.8	95.4	36.1	95.5	38.5
Missouri	85.9	28.5	82.3	24.0	73.4	18.8	74.3	20.0
Montana	93.4	6.8	91.5	6.8	88.8	4.7	87.5	4.0
Nebraska	92.0	28.7	84.8	26.8	85.2	25.3	82.9	19.4
Nevada	93.4	13.0	90.9	19.0	89.7	15.7	89.6	16.2
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	93.8	55.7	92.4	55.1	90.0	59.7	84.6	54.3
New Mexico	66.1	10.0	64.9	8.9	68.0	5.0	41.6	1.1
New York	77.2	28.2	77.9	25.1	74.1	21.2	72.8	18.6
North Carolina	100.0	87.1	96.1	81.4	89.7	58.6	99.7	71.4
North Dakota	78.8	35.6	74.3	27.8	56.0	23.3	53.5	17.1
Ohio	86.2	9.0	84.5	11.8	82.8	8.4	72.6	7.6
Oklahoma	91.8	26.9	91.5	27.6	83.2	26.9	83.4	25.8
Oregon	98.2	36.4	96.5	34.1	93.6	32.0	97.3	30.4
Pennsylvania	77.0	22.8	75.9	23.4	76.5	19.4	70.3	21.2
Rhode Island	100.0	42.7	100.0	44.5	100.0	54.2	100.0	54.8
South Carolina	100.0	62.2	100.0	64.7	92.6	60.4	100.0	62.1
South Dakota	91.2	35.1	90.0	48.3	78.7	60.3	75.8	51.2
Tennessee	98.9	50.8	94.7	47.6	92.3	40.9	91.4	41.8
Texas	84.2	33.2	84.2	33.7	81.1	31.1	80.7	28.1
Utah	100.0	4.9	100.0	7.0	100.0	7.3	100.0	8.5
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	93.2	55.8	88.8	44.3	79.8	32.5	85.9	33.9
Washington	98.0	39.5	97.4	43.6	94.8	37.4	90.7	36.0
West Virginia	60.1	23.1	54.9	21.0	46.8	21.2	33.0	21.8
Wisconsin	96.0	55.0	95.2	51.4	92.6	43.7	90.0	41.7
Wyoming	99.0	1.7	97.2	1.8	97.1	1.6	95.0	1.3
Total	85.1	29.6	83.0	29.9	79.9	28.2	78.4	27.1

^R = Revised Data.

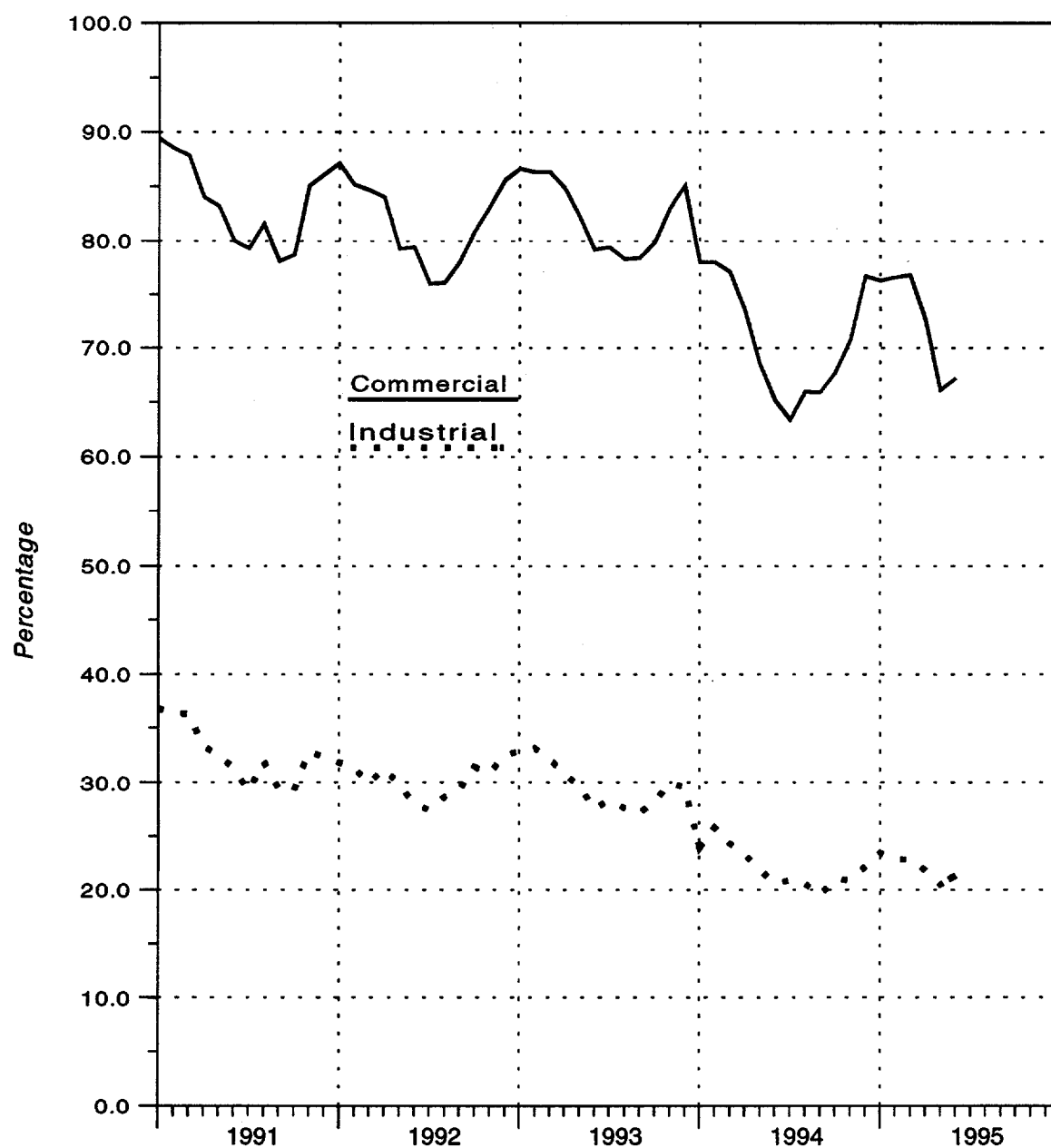
NA = Not Available.

— = 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

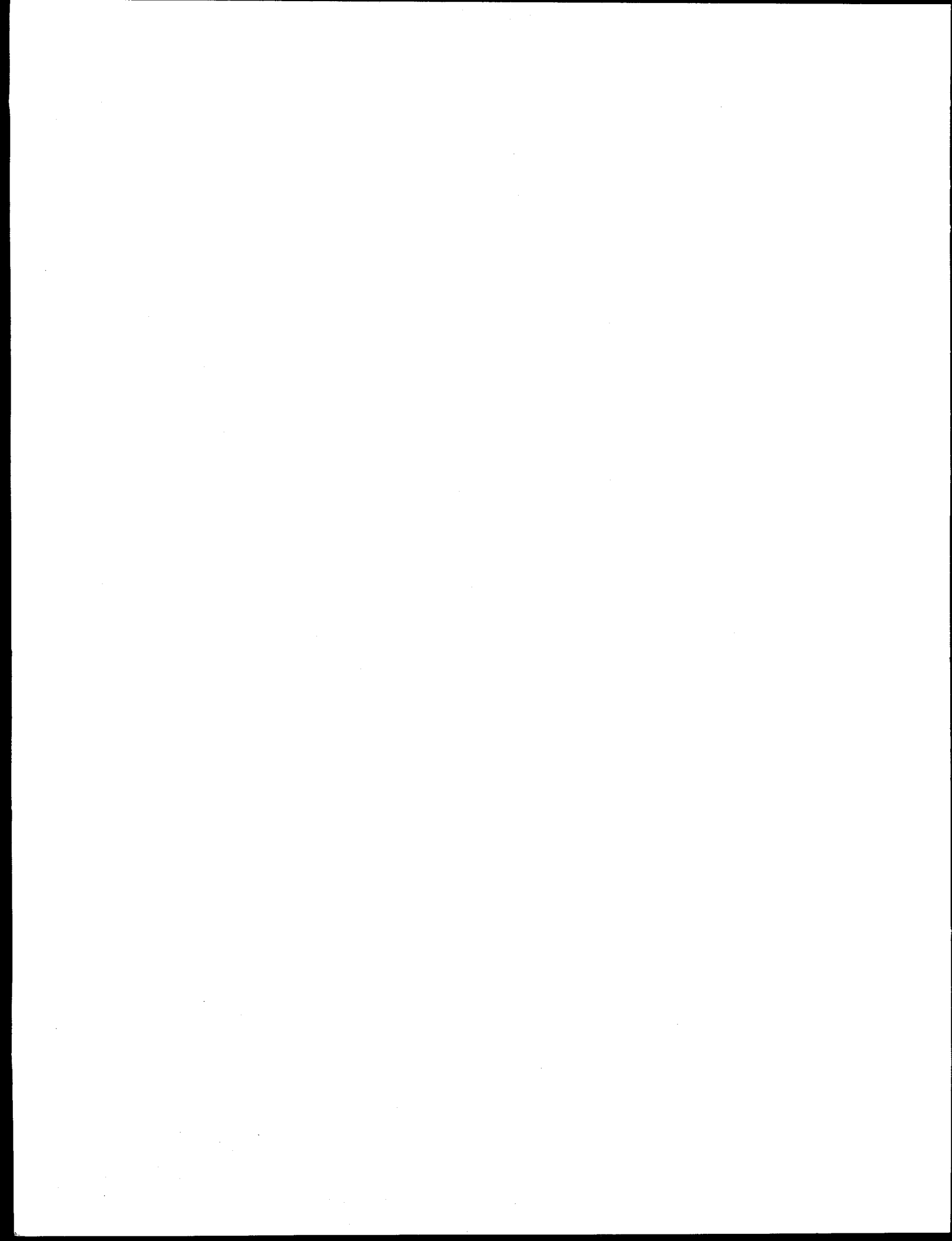


Source: Form EIA-857.



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.

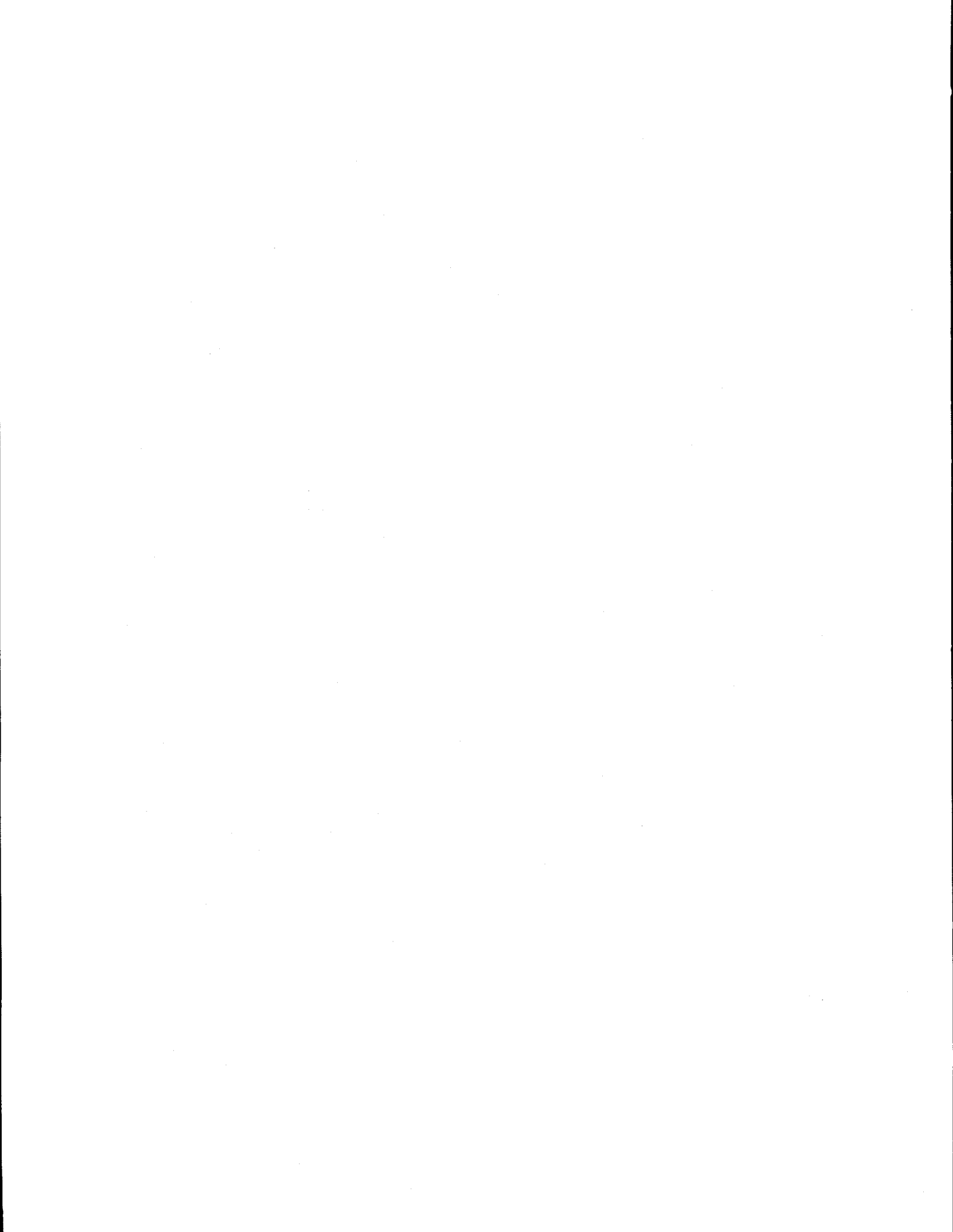
Note 11. Heating Degree-Days

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



Appendix B

Data Sources

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

Data are collected from two annual surveys and five monthly surveys. 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.

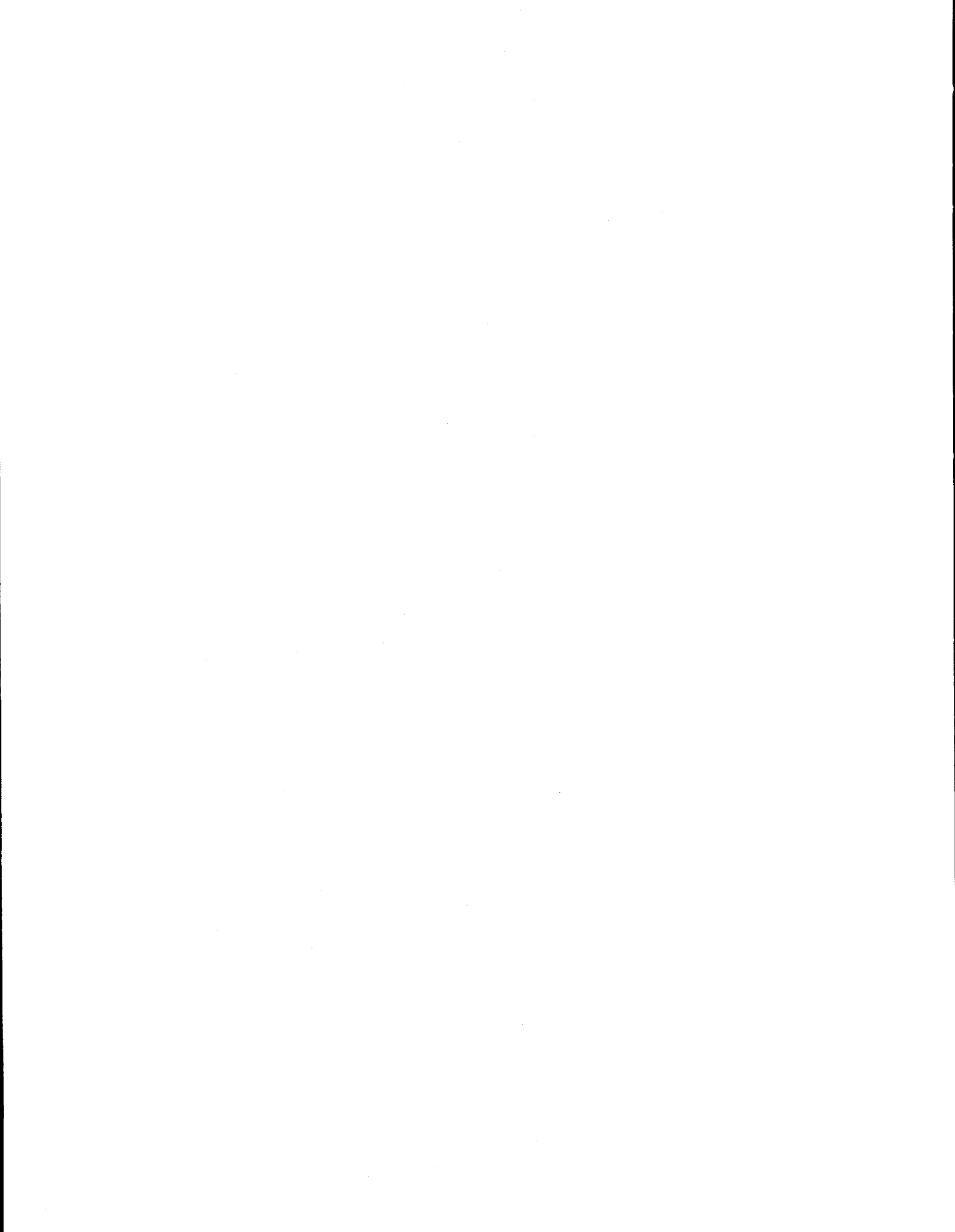
All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit and dollar values are reported to the nearest whole dollar.

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, June 1995

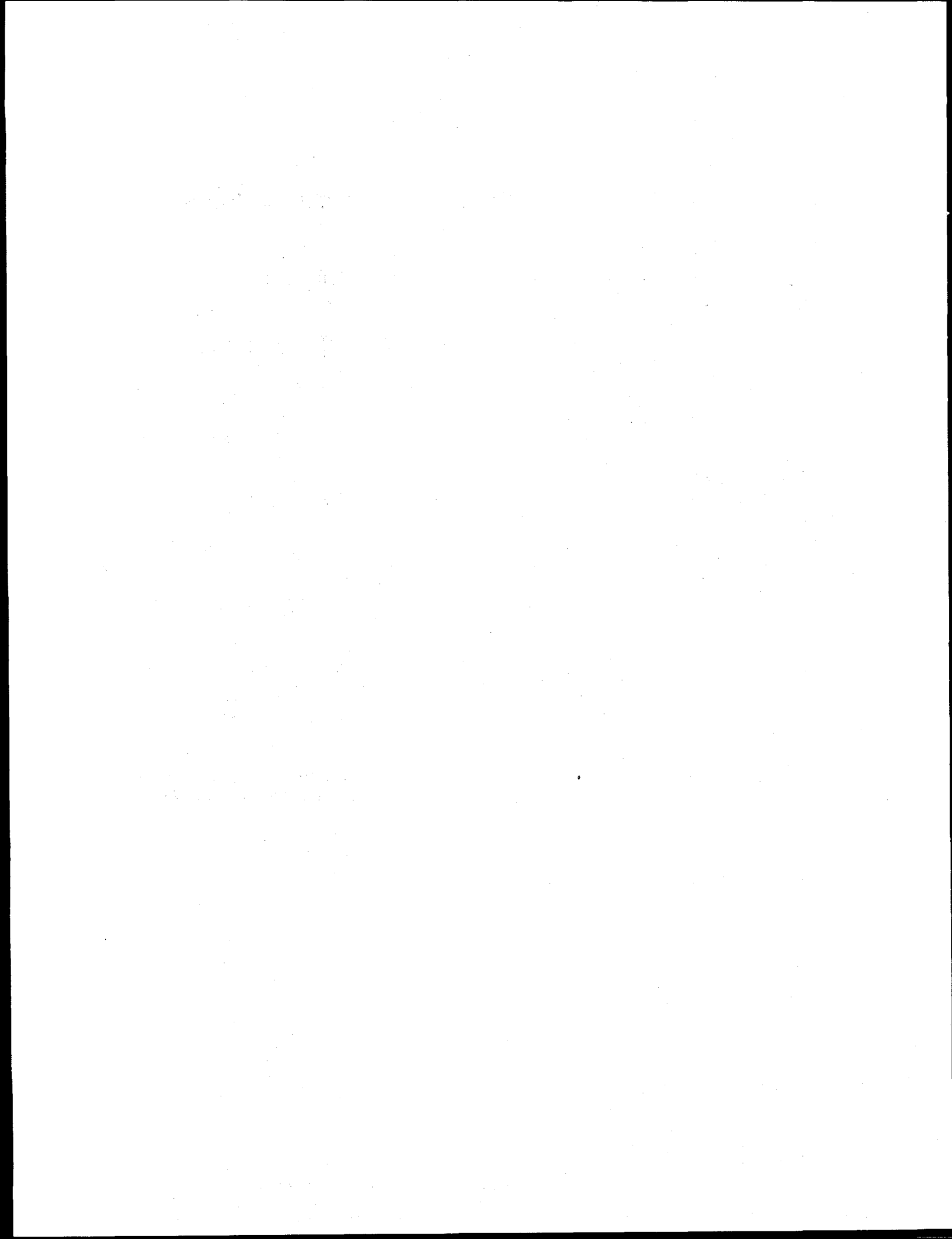
State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	199	160	1,868	1,885	0.50	0.58	0.64
Alaska	0	0	0	0	—	—	—
Arizona	2	13	0	13	0.10	0.03	—
Arkansas	2	10	16	19	0.01	0.01	0.01
California	25	150	495	518	0.01	0.04	0.01
Colorado	959	230	1,133	1,502	0.41	0.20	0.23
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	0	0	—	—	—
District of Columbia	0	0	0	0	—	—	—
Florida	628	866	525	1,192	9.48	0.60	0.63
Georgia	431	89	732	853	0.20	0.22	0.28
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	1,470	163	516	1,567	0.71	0.30	1.06
Indiana	337	69	1,340	1,384	1.24	0.36	0.25
Iowa	27	26	50	63	0.09	0.06	0.25
Kansas	190	74	32,707	32,708	0.20	0.36	1.92
Kentucky	48	90	1,494	1,498	0.22	0.17	0.43
Louisiana	35	98	66,734	66,734	0.04	0.05	0.11
Maine	0	0	0	0	—	—	—
Maryland	1	3	20	21	—	—	0.03
Massachusetts	89	171	214	288	0.39	0.11	0.37
Michigan	527	535	493	899	0.44	0.78	1.16
Minnesota	0	0	0	0	—	—	—
Mississippi	171	223	89	295	0.16	0.24	0.14
Missouri	66	74	1,989	1,991	0.23	0.03	0.16
Montana	3	2	0	4	0.01	0.01	—
Nebraska	22	31	210	213	0.23	0.03	0.21
Nevada	0	0	0	0	—	—	—
New Hampshire	0	0	0	0	—	—	—
New Jersey	0	0	0	0	—	—	—
New Mexico	24	113	0	115	0.22	0.16	—
New York	2,540	1,700	5,022	5,879	0.26	0.10	0.52
North Carolina	18	59	64	89	0.09	0.05	0.20
North Dakota	0	0	0	0	—	—	—
Ohio	683	443	2,517	2,646	0.15	0.18	0.11
Oklahoma	57	70	21	93	0.34	0.04	0.06
Oregon	0	0	0	0	—	—	—
Pennsylvania	1,153	1,810	8,732	8,992	0.34	2.28	3.48
Rhode Island	0	0	0	0	—	—	—
South Carolina	34	117	513	527	0.11	0.06	0.25
South Dakota	0	0	0	0	—	—	—
Tennessee	296	409	1,048	1,163	1.01	0.48	0.32
Texas	400	1,285	43,649	43,670	0.31	0.04	0.23
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	74	44	1,486	1,488	0.55	0.97	1.41
Washington	0	0	0	0	—	—	—
West Virginia	19	549	89	557	0.19	10.03	—
Wisconsin	383	187	805	911	0.62	1.14	2.05
Wyoming	0	0	0	0	—	—	—
Total	3,582	3,137	86,919	87,049	0.17	0.13	0.90

— = 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



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

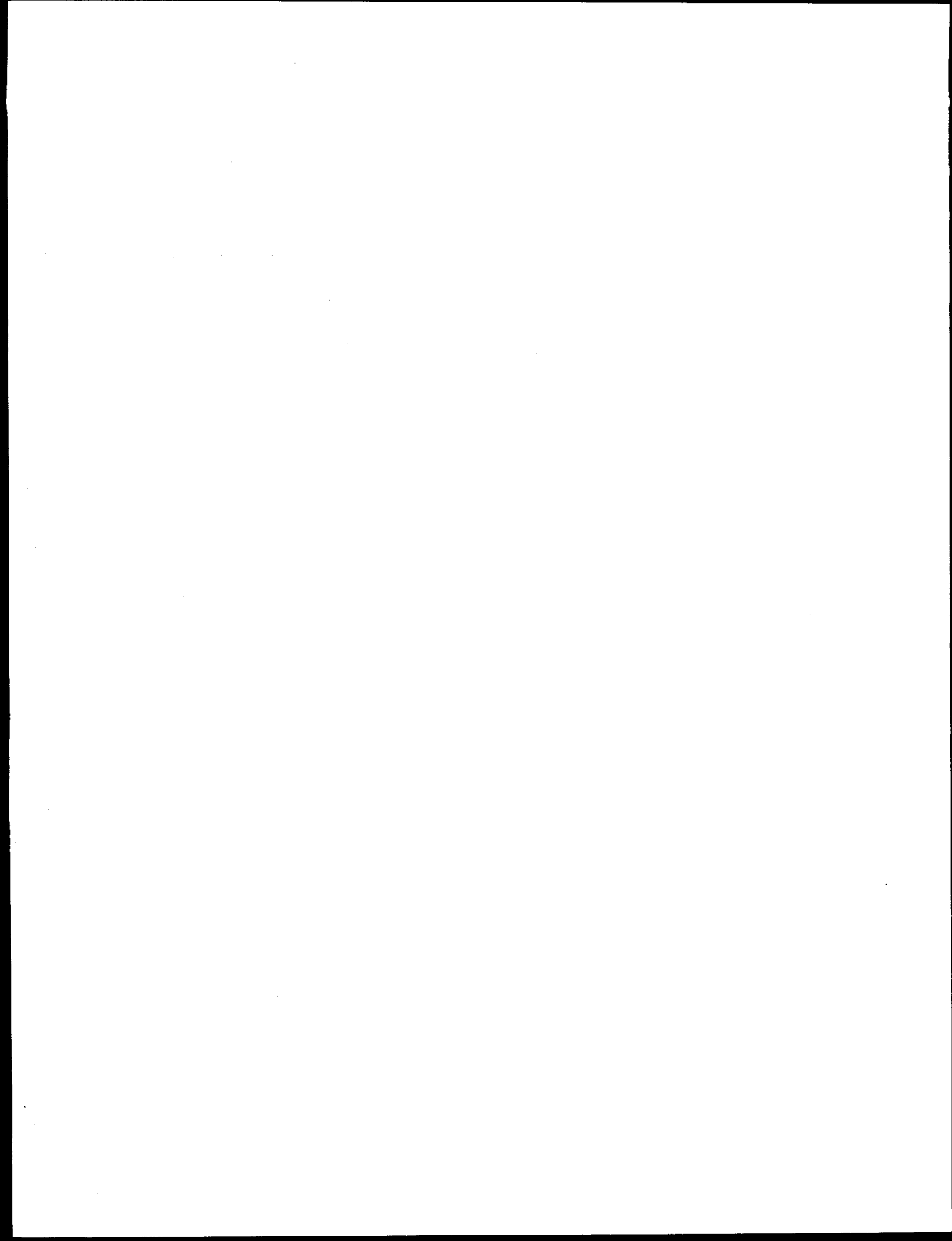
Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

August 1995

U.S. Natural Gas Imports and Exports - 1994

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



Appendix E

Technical Contacts



Appendix E

Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production	1, 2, 3	Monthly:	EIA-895, "Monthly Quantity of Natural Gas Report"	Donna Guerrina (202) 586-6135
		Annual:	EIA-627, "Annual Quantity and Value of Natural Gas Report"	
		Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Extraction Loss	1	Monthly:	EIA computations	Margo Natof (202) 586-6303
		Annual:	Form EIA-816, "Monthly Natural Gas Liquids Report" and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	
Supplemental Gaseous Fuels	2	Monthly:	EIA computations	Donna Guerrina (202) 586-6135
		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 16, 17	Monthly:	Forms FERC-8 and EIA-191, "Underground Gas Storage Report"	Rosemary Jameson (202) 586-6229
Distribution and Consumption:				
Deliveries to:				
Residential,	18	Monthly:	Form EIA-857, "Monthly Report of	Roy Kass
Commercial,	19		Natural Gas Purchases and Deliveries	(202) 586-4790
Industrial,	20		to Consumers"	
Electric Utility,	21		Form FERC-423, "Cost and Quality	
All Consumers	22		of Fuels for Electric Power Plants"	
Average Price to:				
City Gate,	23	Monthly:	Form EIA-857, "Monthly Report of	Roy Kass
Residential,	24		Natural Gas Purchases and Deliveries	(202) 586-4790
Commercial,	25		to Consumers"	
Industrial,	26		Form FERC-423, "Cost and Quality	
Electric Utility	27		of Fuels for Electric Power Plants"	
Onsystem Sales	28	Monthly:	Form EIA-857, "Monthly Report of	Roy Kass
			Natural Gas Purchases and Deliveries	(202) 586-4790
			to Consumers"	
Heating Degree Days	29	Seasonal:	National Oceanic and Atmospheric	Rosemary Jameson
			Administration	(202) 586-6229
Highlights				Carol Jones (202) 586-6168
Industry Overview				Eva Fleming (202) 586-6113

Glossary

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

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

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

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

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

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

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

Dry Natural Gas Production: Marketed production less extraction loss.

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

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

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

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

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

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

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

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

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

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

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

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

Intrastate Companies: Companies not subject to FERC jurisdiction.

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

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

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

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

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

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

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

Energy Awareness Month

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OCTOBER 1995