Natural Gas Monthly

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MASTER

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Preface

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

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

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

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

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

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

Common Abbreviations Used in the Natural Gas Monthly

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

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Highlights

This analysis presents the most recent data on natural gas prices, supply, and consumption from the Energy Information Administration (EIA, Figures HI1-HI4). The "Supply" section contains EIA's first estimates of natural gas storage activities through October 1996, which sets the stage for natural gas market activities during the next heating season, beginning November 1. The presentation of recent data is followed by an update on current natural gas markets, including a discussion of spot and futures prices.

Recent Data

Wellhead and End-Use Prices

Estimates of national average wellhead prices show a continued increase in the most recent months available compared to the early months of 1996. The wellhead price estimate for July 1996 is \$2.32 per thousand cubic feet (Table 4). The estimate for June 1996 has been revised upward and is now \$2.29 per thousand cubic feet. These are the highest monthly wellhead prices seen this year. The cumulative average for January through July, of \$2.16 per thousand cubic feet, is 40 percent higher than for the same period of 1995 (Figure HI3). For consumers, average prices¹ are estimated to have increased in the most recent month available for all sectors. Industrial prices in July 1996 and electric utility prices in June 1996 are significantly higher than they were in the same months of 1995.

Residential natural gas prices continue their regular pattern of increasing from the beginning of the year through the summer (Figure 3). This pattern results in part from the fact that all consumers pay some fixed monthly charges for their gas, yet consumption in this sector declines during the spring and summer. Thus, the average charge, per thousand cubic feet of gas, increases, and the effective price of gas increases in the spring and summer.

The estimated residential price for July 1996 is \$8.49 per thousand cubic feet, a 10 percent increase from the June price. Cumulatively, the average residential price for January through July, \$6.08 per thousand cubic feet, is only 2 cents higher than for the same period in 1995.

The estimated price of natural gas in the commercial sector for July 1996 is \$5.52 per thousand cubic feet. While this is only 2 percent higher than the price estimate for June, it is 10 percent higher than the July 1995 price. The year-to-date average price in this sector, \$5.26 per thousand cubic feet, is 3 percent higher than for the same period in 1995.

Industrial prices in 1996 remain far above their levels of 1995, but have been a bit lower during the summer. Industrial users saw a slight increase in the average price of gas from June to July, but the July estimate of \$3.21 per thousand cubic feet is still below the estimates for the first 4 months of the year. Even with the lower recent prices, the year-to-date average for January through July 1996, \$3.33 per thousand cubic feet, is 35 percent above the price for the same period in 1995.

The price of natural gas to electric utilities, which began rising rapidly at the end of 1995, remains at a level significantly higher than last year. The estimated price for June 1996 is \$3.21 per thousand cubic feet, 3 percent higher than the price in May. Cumulatively, the average price of gas in this sector for the first half of 1996, \$2.70 per thousand cubic feet, is 34 percent higher than for the first half of 1995.

Supply

Except for the month of September, estimates of daily, dry natural gas production for each month of 1996 have been within 2 percent of the levels in 1995. Pro-

¹End-use prices in the residential, commercial, and industrial sectors are for onsystem gas sales only. While this is nearly 100 percent of residential deliveries, monthly onsystem sales in 1996 have been from 61 to 77 percent of total commercial deliveries, and 16 to 20 percent of industrial deliveries (Table 4).

Figure HI1. Natural Gas Production and Consumption, January-October, 1994-1996

Figure HI2. Natural Gas Delivered to Consumers, January-October, 1994-1996

Figure HI3. Average Delivered and Wellhead Natural Gas Prices, January-July, 1994-1996

^a Natural gas prices to residential consumers in 1995 and 1996 were virtually the same.

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

Figure HI4. Working Gas in Underground Storage in the United States, 1994-1996

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

duction in September 1996 was 6 percent below that of September 1995. The most recent estimate is for production in October 1996 -- 1,519 billion cubic feet, or 49 billion cubic feet per day (Table 1). October production is slightly above the rate in September 1996, but is 2 percent below that of October 1995. Cumulatively, production for January through October 1996, 15,588 billion cubic feet, is nearly equal to production for the same period in 1995 (Figure HI1).

Natural gas imports are estimated to be 267 billion cubic feet in October 1996 (Table 2). This is equivalent to a daily rate of 8.6 billion cubic feet per day. The October import rate is 9 percent higher than it was in September, and is 13 percent higher than it was in October 1995. Yet, cumulative imports for January through October are nearly equal to what they were in 1995. The estimate of cumulative imports in 1996 is equivalent to 13 percent of total natural gas consumption during this period.

The first estimates of storage data through October are now available, thus completing the 1996 nonheating season of April through October. Total net injections during the 1996 nonheating season are estimated to be 2,077 billion cubic feet, or 18 percent above the "refill rate" of the 1995 nonheating season.

During most months of the 1996 nonheating season, net injections exceeded those of 1995, in some cases by large amounts. The most extreme case was in April when net injections exceeded those of April 1995 by 130 percent. Generally, this was caused by the relatively low level of working gas in storage at the beginning of the 1995-96 heating season combined with unusually cold weather during the winter, spurring the industry to try to "catch up" the first month of the nonheating season.

Net injections in October 1996 are estimated to be 217 billion cubic feet, or 7.0 billion cubic feet per day (Table 9). This is 47 percent lower than the rate in September 1996, and 12 percent higher than in October 1995.

Refill activity throughout the nonheating season resulted in an estimated 2,875 billion cubic feet of working gas in underground storage at the end of October 1996 (Figure HI4). This is 4 percent lower than the level in October 1995, and one must go back to the first years of EIA collection of storage data, 1975 and 1976, to find lower levels of working gas going into the heating season.²

End-Use Consumption

The residential and commercial sectors consumed much larger amounts of natural gas for space heating in the early months of 1996 compared to 1995. This remains the dominant reason for higher cumulative consumption in these sectors during 1996. Cumulative industrial consumption remains close to that of 1995, and consumption by electric utilities remains below that of 1995, even with some large upward revisions to recent estimates. When the four sectors are combined, total end-use consumption is estimated to be 1,376 billion cubic feet in October 1996 (Table 3). Cumulatively, end-use consumption for January through October 1996 is estimated to be 2 percent above the level for the same period in 1995.

Both residential and commercial consumption of natural gas increased in October 1996 as autumn temperatures began to spread across the Nation. Residential consumption in October 1996 is estimated to be 226 billion cubic feet, and for commercial consumption the estimate is 183 billion cubic feet. On a daily basis, these estimates are 66 percent and 29 percent higher, respectively, than the daily rates in September 1996. Natural gas consumption in each month from May through October 1996 has been within 6 percent of the levels in 1995. Yet higher consumption early in the year results in estimates of cumulative consumption for January through October 1996 being 12 and 9 percent higher, respectively, than in 1995 (Figure HI2).

Industrial consumption of natural gas is estimated to be 721 billion cubic feet in October 1996, or 23.3 billion cubic feet per day. This is 2 percent higher than in September 1996. Cumulatively, industrial consumption for January through October 1996 is 2 percent above the 1995 level for the same period.

The estimate for electric utility consumption in October 1996 is 246 billion cubic feet, which is 3 percent higher than in October 1995. There have been significant upward revisions to estimates of electric utility consumption in July, August, and September 1996, because of new data and a correction to the estimation procedure. Even with these revisions, cumulative consumption of natural gas from January through October 1996 is 14 percent below that of the same period in 1995.

²Working gas in underground storage at the end of October in 1975 was 2,599 billion cubic feet, and in 1976 it was 2,664 billion cubic feet.

Natural Gas Market Update

This review of the natural gas market covers the period from September 23 through October 18, 1996. Over the period both spot and futures prices at the Henry Hub displayed considerable volatility between days but generally continued the steady upward trend begun in early September (Figure H15). During the 4 weeks covered by this update, the spot and futures price (for November delivery) rose about \$0.39 and \$0.37 per million Btu (MMBtu), respectively. The higher prices appeared to be in response to the following events: continued vigorous storage injections, short-term supply cutbacks of 3.5 billion cubic feet (Bcf) a day because of a tropical storm in the Gulf of Mexico and a pipeline service shutdown of 250 MMcf per day along a portion of the Tennessee transmission system, the season's first period of low temperatures, and the persistent reports of historically low stock levels for distillate oil and propane. These events, along with high oil prices that have been near \$25.00 a barrel in West Texas for much of the period, have created much uncertainty in energy markets.

Spot Prices

Spot prices at the Henry Hub began the period at about \$1.90 per MMBtu and remained relatively stable staying within a \$0.10 per MMBtu range (\$1.90 to \$2.00) for almost 2 weeks. Then Friday, October 4, cash prices increased about \$0.14 per MMBtu in response to the first period of low temperatures in the Midwest and the East and weather forecasts concerning tropical storm Josephine in the Gulf of Mexico. The upward price pressure was also felt in other major market hubs as prices in West Texas, New Mexico, and Oklahoma rose and they ended the week at or above \$2.00 per MMBtu for the first time since February. Spot prices continued to increase and by Wednesday, October 9, were above \$2.30 at the Henry Hub as the storm did disrupt production causing cutbacks of as much as 3.5 Bcf for 2 to 3 days. The climb in prices persisted and by Tuesday, October 15, they were over \$2.40 per MMBtu at the Henry Hub as reports of low stock levels for other major heating fuels, distillate oil and propane, became more prevalent. Cash prices at other market areas also continued to rise with news of a service interruption of 250 MMcf a day on the Tennessee transmission system. For example, prices were \$2.22 per MMBtu at Midcon/Amarillo, Texas and \$2.16 at Rocky Mountain/San Juan, New Mexico. By the end of the week prices at the Henry Hub were more than \$0.75 per MMBtu higher than last year at the same time.

Futures Prices

The futures price for October delivery at the Henry Hub closed on Tuesday, September 24, at \$1.828 per MMBtu - about 2 cents less than the September delivery price. The price for November delivery was \$2.055 per MMBtu on September 24, but since then the price has risen close to \$0.40 per MMBtu for many of the same reasons that had affected the spot price. The price difference between futures contracts for November and January deliveries was about \$0.40 per MMBtu in late September, then fell to \$0.20 in early October as the market placed increased pressure on the November delivery price. In early October, average temperatures in the four major gas-consuming areas of Chicago, Kansas City, New York, and Pittsburgh were below normal and futures prices for November delivery rose accordingly. The price between months ended the period at: November (\$2.428 per MMBtu), December (\$2.595), and January (\$2.620).

Storage

As expected, storage injections continued at a robust rate for most of the period. According to the American Gas Association (AGA) estimates, the industry had weekly refill levels of 89, 84, and 94 Bcf from September 20th to October 4th before falling off to 38 Bcf for the week ending Friday, October 11. The 94 Bcf estimated for the first week of October is the highest weekly total in 5 weeks and is reminiscent of refill rates usually seen in May, June, and July. Based on the past 5 years of EIA data, this estimate is more than double the weekly average for additions of 43 Bcf during October. The 2 previous weeks' refill estimates of 89 and 84 Bcf exceeded the 5-year average by almost 30 percent. Throughout the refill season, the natural gas industry has taken advantage of some favorable market conditions to replenish the record low storage levels (753 Bcf) at the end March 1996. Supply has been good because of low electric utility demand during the summer and price declines of almost \$0.50 per MMBtu since mid-July. In addition, futures prices for January delivery were, until recently, about \$0.40 per MMBtu higher than prices for October delivery, supporting additional incentive for some to fill storage. Contributing to the decline to 38 Bcf were increased demand brought on by the low temperatures in early October and the recent price rise because of the short-term supply disruptions.

Figure HI5. Futures and Spot Prices at the Henry Hub

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

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

Figure HI6. Working Gas Storage

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

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

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production (Wet)	Extraction Loss ^b	Total Dry Gas Production ^c
1990 Total	21,523	2,489	289	150	18,594	784	17,810
1991 Total	21,750	2,772	276	170	18,532	835	17,698
1992 Total	22,132	2,973	280	168	18,712	872	17,840
1993 Total	22,726	3,103	414	227	18,982	886	18,095
1994							
January	2,025	285	36	19	1,685	76	1,609
February	1,818	256	32	19	1,510	68	1,442
March	2,031	286	35	19	1,691	77	1,614
April	1,926	267	35	18	1,607	73	1,534
May	1,986	272	33	18	1,663	75	1,588
June	1,883	248	28	21	1,587	72	1,515
July	1,945	249	33	19	1,643	74	1,569
August	1,973	270	35	18	1,650	75	1,576
September	1,880	259	35	20	1,567	71	1,496
October	1,984	301	37	19	1,627	74	1,554
November	2,038	313	36	18	1,671	76	1,596
December	2,118	329	37	19	1,733	78	1,655
Total	23,609	3,333	412	228	19,635	889	18,747
1995							
January	2,080	327	32	19	^E 1,702	79	1,623
February	1,864	300	28	18	^E 1,519	71	1,448
March	2,030	312	30	18	^E 1,670	78	1,592
April	1,983	302	30	18	^E 1,633	76	1,556
May	2,055	313	31	18	^E 1,694	79	1,615
June	1,969	292	29	23	^E 1,625	76	1,549
July	1,994	289	30	23	^E 1,652	77	1,575
August	1,985	296	29	21	^E 1,639	76	1,563
September	1,954	284	29	21	^E 1,620	75	1,544
October	1,992	314	31	22	^E 1,625	76	1,550
November	1,996	315	30	22	^E 1,628	^E 76	^E 1,552
December	2,105	335	31	23	^E 1,716	^E 80	^E 1,636
Total	24,008	3,679	362	245	^E 19,723	^E 919	^E 18,804
1996							
January	^{RE} 2,097	^E 323	^E 32	^E 25	^{RE} 1,717	80	^R 1,637
February	^{RE} 1,968	^E 307	^E 30	^E 25	^{RE} 1,606	^R 75	^R 1,531
March	^{RE} 2,069	^E 325	^{RE} 32	^E 22	^{RE} 1,690	^R 79	^R 1,612
April	^{RE} 2,019	^E 302	^E 32	^E 23	^{RE} 1,662	77	^R 1,584
May	^{RE} 2,007	^E 282	^E 31	^E 23	^{RE} 1,670	^R 78	^R 1,593
June	^{RE} 1,951	^{RE} 288	^{RE} 29	^{RE} 19	^{RE} 1,615	^R 75	^R 1,540
July	^{RE} 1,973	^{RE} 288	^{RE} 30	^{RE} 21	^{RE} 1,633	^E 76	^E 1,557
August	^{RE} 1,986	^{RE} 287	^E 30	^E 21	^{RE} 1,647	^{RE} 77	^{RE} 1,570
September	^{RE} 1,830	^{RE} 267	^{RE} 28	^{RE} 19	^E 1,516	^E 70	^E 1,446
October	^E 1,923	^E 280	^E 29	^E 21	^E 1,593	^E 74	^E 1,519
1996 YTD	^E 19,823	^E 2,950	^E 303	^E 220	^E 16,349	^E 761	^E 15,588
1995 YTD	19,907	3,029	300	200	^E 16,378	763	15,615
1994 YTD	19,453	2,691	340	191	16,231	734	15,496

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

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

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

^R = Revised Data.

^E = Estimated Data.

^{RE} = Revised Estimated Data.

Notes: Data for 1990 through 1994 are final. All other data are preliminary unless otherwise indicated. Data for the most recent two months are derived from the Short-Term Integrated Forecasting System. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

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

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

Year and Month	Supply					Total Supply/Disposition ^d	Disposition		
	Total Dry Gas Production	Withdrawals from Storage ^a	Supplemental Gaseous Fuels ^b	Imports	Balancing Item ^c		Additions to Storage ^a	Exports	Consumption ^a
1990 Total	17,810	1,986	123	1,532	-149	21,302	2,499	86	18,716
1991 Total	17,698	2,752	113	1,773	-500	21,836	2,672	129	19,035
1992 Total	17,840	2,772	118	2,138	-508	22,360	2,599	216	19,544
1993 Total	18,095	2,799	119	2,350	-110	23,254	2,835	140	20,279
1994									
January	1,609	841	13	241	-122	2,582	29	11	2,542
February	1,442	598	11	199	126	2,375	44	13	2,318
March	1,614	243	10	223	79	2,169	100	19	2,050
April	1,534	61	9	212	130	1,945	294	9	1,642
May	1,588	17	8	206	38	1,857	447	8	1,402
June	1,515	30	8	201	42	1,795	397	13	1,386
July	1,569	19	8	221	4	1,821	429	11	1,381
August	1,576	22	8	219	-15	1,810	388	14	1,408
September	1,496	14	8	210	1	1,728	360	14	1,354
October	1,554	47	9	222	-119	1,711	229	13	1,469
November	1,596	204	10	226	-204	1,832	100	19	1,713
December	1,655	465	12	245	-220	2,157	49	18	2,090
Total	18,747	2,562	111	2,624	-262	23,782	2,865	162	20,755
1995									
January	1,623	622	14	^R 253	^R -51	2,461	44	14	2,403
February	1,448	546	12	^R 236	^R 18	2,260	43	13	2,204
March	1,592	317	12	250	48	2,219	102	15	2,102
April	1,556	123	9	^R 232	^R 53	^R 1,973	170	^R 12	1,791
May	1,615	33	10	^R 228	^R 52	^R 1,938	353	^R 12	1,573
June	1,549	39	10	217	-7	1,808	393	16	1,399
July	1,575	53	10	^R 223	4	1,865	345	15	1,505
August	1,563	83	10	^R 237	^R -45	1,848	278	14	1,556
September	1,544	29	9	228	^R -70	^R 1,740	327	^R 11	1,402
October	1,550	67	10	^R 236	^R -111	1,752	260	12	1,479
November	^E 1,552	356	^E 12	^R 236	^R -162	1,994	90	13	1,891
December	^E 1,636	618	^E 14	^R 264	^R -132	2,400	51	8	2,341
Total	^E18,804	2,886	^E132	^R2,841	^R-403	^R24,260	2,458	^R154	21,648
1996									
January	^R 1,637	740	14	251	^R 14	^R 2,656	45	14	2,596
February	^R 1,531	537	12	228	^R 156	2,465	93	13	2,359
March	^R 1,612	398	12	224	^R 57	^R 2,303	75	15	^R 2,213
April	^R 1,584	110	11	^R 219	^R 141	2,065	219	^R 10	^R 1,837
May	^R 1,593	39	8	^R 243	^R 78	^R 1,961	367	^R 8	^R 1,585
June	^R 1,540	29	10	^R 224	^R 53	^R 1,855	385	12	^R 1,458
July	^E 1,557	45	^E 10	^E 230	^R 9	^R 1,850	401	^E 14	^R 1,436
August	^{RE} 1,570	^R 51	^E 9	^{RE} 227	^{RE} -56	^{RE} 1,803	^R 395	^{RE} 17	^{RE} 1,390
September	^E 1,446	^E 38	^E 9	^{RE} 237	^{RE} 87	^{RE} 1,817	^E 437	^{RE} 16	^{RE} 1,365
October	^E 1,519	^E 50	^E 10	^E 267	^E -34	^E 1,812	^E 267	^E 16	^E 1,530
1996 YTD	^E15,588	^E2,038	^E106	^E2,350	^E505	^E20,588	^E2,683	^E135	^E17,769
1995 YTD	15,615	1,912	106	2,340	-109	19,864	2,316	133	17,416
1994 YTD	15,496	1,893	90	2,153	163	19,793	2,717	125	16,952

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

^b Supplemental gaseous fuels data are only collected on an annual basis except for the Dakota Gasification Inc. coal gasification facility where they are gathered each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Inc.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio, which varies between .0026 and .0037, is applied to the monthly sum of these three elements. The Dakota Gasification Inc., monthly value is added to the result to produce the monthly supplemental fuels estimate.

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

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

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

^R = Revised Data.

^E = Estimated Data.

^{RE} = Revised Estimated Data.

Notes: • Data for 1990 through 1994 are final. All other data are preliminary unless otherwise indicated. Data for the most recent two months are derived from the Short-Term Integrated Forecasting System. • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components because of independent rounding.

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

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

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

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

Year and Month	Lease and Plant Fuel ^a	Pipeline Fuel ^b	Delivered to Consumers					Total Consumption
			Residential	Commercial	Industrial	Electric Utilities	Total	
1990 Total	1,236	660	4,391	2,623	7,018	2,787	16,820	18,716
1991 Total	1,129	601	4,556	2,729	7,231	2,789	17,305	19,035
1992 Total	1,171	588	4,690	2,803	7,527	2,766	17,786	19,544
1993 Total	1,172	624	4,956	2,863	7,981	2,682	18,483	20,279
1994								
January	100	85	953	476	758	170	2,357	2,542
February	89	78	842	436	724	149	2,151	2,318
March	100	68	631	349	716	186	1,882	2,050
April	95	54	392	237	660	204	1,493	1,642
May	98	46	247	163	632	216	1,258	1,402
June	93	45	154	132	642	319	1,247	1,386
July	96	45	127	129	622	362	1,240	1,381
August	97	46	122	121	640	382	1,264	1,408
September	92	44	130	118	674	296	1,217	1,354
October	97	48	221	160	680	264	1,324	1,469
November	100	56	391	236	698	231	1,557	1,713
December	104	69	638	338	733	208	1,917	2,090
Total	1,161	685	4,848	2,897	8,178	2,987	18,910	20,755
1995								
January	107	79	813	432	774	199	2,218	2,403
February	95	73	752	413	703	168	2,036	2,204
March	105	69	601	345	737	245	1,928	2,102
April	102	59	420	256	725	229	1,630	1,791
May	106	52	263	188	707	258	1,415	1,573
June	102	46	159	135	660	297	1,251	1,399
July	103	50	131	137	678	407	1,352	1,505
August	103	51	114	141	679	468	1,402	1,556
September	101	46	134	143	662	316	1,254	1,402
October	102	49	217	173	700	240	1,329	1,479
November	102	62	491	303	735	198	1,727	1,891
December	107	77	794	430	760	172	2,156	2,341
Total	1,235	715	4,888	3,095	8,518	3,196	19,699	21,648
1996								
January	107	86	951	500	785	168	2,403	2,596
February	^R 101	78	843	456	745	137	2,181	2,359
March	^R 106	73	717	403	759	156	2,034	^R 2,213
April	^R 104	61	483	296	723	170	1,672	^R 1,837
May	^R 105	52	274	190	697	267	1,428	^R 1,585
June	^R 101	48	165	142	^R 700	302	1,309	^R 1,458
July	^R 102	^R 47	^R 126	^R 129	^R 674	^R 357	1,286	^R 1,436
August	^{RE} 95	^E 45	^E 116	^E 132	^{RE} 636	^{RE} 368	^{RE} 1,251	^{RE} 1,390
September	^{RE} 97	^{RE} 44	^E 132	^E 137	^E 681	^{RE} 273	^{RE} 1,224	^{RE} 1,365
October	^E 100	^E 54	^E 226	^E 183	^E 721	^E 246	^E 1,376	^E 1,530
1996 YTD	^E 1,017	^E 589	^E 4,034	^E 2,567	^E 7,121	^E 2,442	^E 16,164	^E 17,769
1995 YTD	1,025	575	3,604	2,363	7,023	2,826	15,816	17,416
1994 YTD	957	559	3,818	2,321	6,747	2,548	15,434	16,952

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

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

^R = Revised Data.

^E = Estimated Data.

^{RE} = Revised Estimated Data.

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

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

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

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

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

Year and Month	Wellhead Price ^a	City Gate	Delivered to Consumers					
			Residential	Commercial		Industrial		Electric Utilities
				Price	% of Total ^b	Price	% of Total ^b	
1990 Annual Average	1.71	3.03	5.80	4.83	86.6	2.93	35.2	2.38
1991 Annual Average	1.64	2.90	5.82	4.81	85.1	2.69	32.7	2.18
1992 Annual Average	1.74	3.01	5.89	4.88	83.2	2.84	30.3	2.36
1993 Annual Average	2.04	3.21	6.16	5.22	83.9	3.07	29.7	2.61
1994								
January	1.86	3.04	5.93	5.50	83.8	3.47	27.6	2.67
February	1.76	3.26	6.04	5.58	83.9	3.42	29.7	2.80
March	1.82	3.33	6.30	5.67	83.0	3.47	28.3	2.67
April	1.90	3.15	6.60	5.60	78.8	3.00	26.8	2.44
May	2.00	3.17	6.84	5.47	74.1	2.92	25.5	2.46
June	1.83	3.17	7.66	5.37	70.0	2.69	23.3	2.25
July	1.81	3.12	8.10	5.25	68.8	2.77	24.0	2.27
August	1.90	3.15	8.22	5.31	71.8	2.67	23.6	2.16
September	1.94	2.92	7.84	5.36	72.2	2.55	22.2	2.00
October	1.85	2.80	6.86	5.10	74.0	2.50	23.9	1.95
November	1.85	2.84	6.27	5.19	77.9	2.86	24.1	2.10
December	1.98	2.86	6.06	5.24	82.3	2.99	25.7	2.17
Annual Average	1.88	3.07	6.41	5.44	79.3	3.05	25.5	2.28
1995								
January	1.65	2.79	5.83	5.20	75.7	2.94	23.8	2.13
February	1.46	2.71	5.74	5.09	76.0	2.95	23.3	2.00
March	1.48	2.74	5.82	5.08	75.4	2.75	23.0	1.92
April	1.48	2.70	6.04	5.03	71.8	2.58	22.2	1.97
May	1.63	2.80	6.53	5.00	66.1	2.52	20.7	2.06
June	1.66	2.90	7.48	5.11	66.0	2.44	21.5	2.06
July	1.45	2.89	7.80	5.02	60.7	2.38	19.7	1.90
August	1.37	2.87	8.12	4.93	58.1	2.34	19.3	1.84
September	1.56	2.89	7.72	4.97	59.1	2.51	19.3	1.95
October	1.60	2.84	6.61	4.78	64.0	2.49	19.5	2.09
November	1.71	2.67	5.59	4.78	70.7	2.71	21.4	2.22
December	1.98	2.84	5.58	4.88	70.6	3.07	20.6	2.58
Annual Average	^E 1.59	2.78	6.06	5.01	70.3	2.66	21.3	2.02
1996								
January	2.07	3.11	5.60	5.23	74.2	3.33	20.4	2.88
February	2.04	3.17	5.78	5.19	76.7	3.55	20.3	3.06
March	2.07	3.16	5.87	5.24	74.6	3.51	19.4	2.70
April	2.22	3.25	6.24	5.26	71.7	3.38	18.3	2.68
May	^R 2.13	3.21	6.77	5.33	66.9	3.11	16.8	2.52
June	^R 2.29	3.33	7.73	5.43	61.8	3.13	15.6	2.59
July	^E 2.32	3.51	8.49	5.52	60.8	3.21	17.3	NA
1996 YTD ^c	^E 2.16	3.21	6.08	5.26	72.2	3.33	18.4	2.70
1995 YTD	1.54	2.77	6.06	5.09	72.5	2.67	22.1	2.02
1994 YTD	1.85	3.18	6.33	5.54	80.3	3.15	26.3	2.50

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

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

^c Year-to-date price represents months for which price information is available in the current year.

^R = Revised Data.

^E = Estimated Data.

NA = Not Available.

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

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

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

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

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

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

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

Year and Month	Pipeline				LNG		Total	
	Canada		Mexico		Algeria		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1990 Total	1,448,065	1.91	—	—	84,193	2.47	1,532,259	1.94
1991 Total	1,709,716	1.81	—	—	63,596	2.36	1,773,313	1.83
1992 Total	2,094,387	1.84	—	—	43,116	2.54	2,137,504	1.85
1993 Total	2,266,751	2.02	1,678	1.94	81,685	2.20	2,350,115	2.03
1994								
January	229,206	2.12	1,539	1.79	10,150	2.02	240,895	2.11
February	193,027	2.22	569	2.15	5,065	3.13	198,661	2.24
March	213,096	2.21	2,147	2.19	7,616	2.38	222,858	2.21
April	204,113	1.96	0	—	7,636	1.92	211,749	1.96
May	199,367	1.93	1,663	2.02	5,101	2.40	206,131	1.94
June	194,458	1.76	1,094	1.77	5,029	2.04	200,582	1.77
July	213,486	1.81	0	—	7,680	2.18	221,166	1.82
August	218,879	1.76	0	—	0	—	218,879	1.76
September	207,495	1.64	0	—	2,501	2.94	209,996	1.66
October	221,627	1.54	0	—	0	—	221,627	1.54
November	225,819	1.71	0	—	0	—	225,819	1.71
December	245,477	1.72	0	—	0	—	245,477	1.72
Total	2,566,049	1.86	7,013	1.99	50,778	2.28	2,623,839	1.87
1995								
January	^R 250,666	^R 1.59	158	1.38	^R 2,511	2.40	^R 253,335	^R 1.60
February	^R 233,404	1.45	0	—	2,573	^R 1.81	^R 235,977	^R 1.46
March	^R 247,578	^R 1.39	150	1.50	2,621	2.45	^R 250,349	^R 1.40
April	^R 231,745	^R 1.37	0	—	0	—	^R 231,745	^R 1.37
May	^R 225,682	^R 1.45	0	—	2,576	^R 1.89	^R 228,259	^R 1.46
June	^R 217,456	^R 1.47	0	—	0	—	^R 217,456	^R 1.47
July	^R 222,652	1.40	0	—	0	—	^R 222,652	1.40
August	^R 233,419	^R 1.33	^R 824	1.53	2,648	2.42	^R 236,891	^R 1.34
September	^R 223,836	^R 1.43	^R 3,872	1.53	0	—	^R 227,708	^R 1.43
October	^R 234,284	^R 1.48	1,718	1.56	0	—	^R 236,003	^R 1.48
November	^R 233,857	^R 1.60	0	—	2,487	2.47	^R 236,344	^R 1.61
December	^R 261,828	^R 1.79	0	—	2,502	2.65	^R 264,329	^R 1.80
Total	2,816,408	^R1.48	6,722	1.53	17,918	^R2.30	2,841,048	^R1.49
1996								
January	247,111	2.04	1,498	2.03	2,460	2.81	251,070	2.05
February	225,127	1.96	698	2.14	2,512	2.79	228,338	1.97
March	219,987	1.90	1,259	2.17	2,599	3.06	223,845	1.91
April	212,618	^R 1.80	^R 1,392	^R 2.18	4,559	^R 2.50	^R 218,570	^R 1.81
May	236,444	^R 1.72	^R 4,067	^R 2.15	2,612	^R 2.58	^R 243,123	^R 1.73
June	^R 223,051	^R 1.71	^R 712	^R 2.35	0	—	^R 223,763	^R 1.71
July	^E 226,016	NA	^E 1,500	NA	2,642	NA	^E 230,159	NA
August	^E 223,810	NA	^E 1,000	NA	2,629	NA	^E 227,439	NA
1996 YTD	^E1,814,165	NA	^E12,126	NA	20,014	NA	^E1,846,305	NA
1995 YTD	1,862,603	1.43	1,131	1.51	12,929	2.20	1,876,663	1.44
1994 YTD	1,665,632	1.97	7,013	1.99	48,277	2.25	1,720,921	1.98

^R = Revised Data.

^E = Estimated Data.

NA = Not Available.

— = Not Applicable.

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

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

Year and Month	Pipeline				LNG		Total	
	Canada		Mexico		Japan		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1990 Total	17,359	2.70	15,659	1.88	52,546	3.59	85,565	3.10
1991 Total	14,791	1.91	60,448	1.76	54,005	3.71	129,244	2.59
1992 Total	67,777	1.83	95,973	1.90	52,532	3.43	216,282	2.25
1993 Total	44,518	2.14	39,676	2.02	55,989	3.34	140,183	2.59
1994								
January	4,084	2.41	1,546	2.22	5,466	3.08	11,097	2.71
February	7,809	2.75	1,459	2.10	3,630	2.99	12,898	2.74
March	12,279	2.73	1,367	2.11	5,510	2.92	19,156	2.74
April	3,872	2.20	1,411	1.91	3,676	2.92	8,959	2.45
May	2,940	2.21	1,829	1.93	3,692	2.95	8,462	2.47
June	5,775	2.22	1,278	1.68	5,543	3.02	12,596	2.52
July	2,823	2.32	2,268	1.82	5,557	3.15	10,647	2.65
August	1,259	2.46	6,981	1.71	5,561	3.29	13,801	2.42
September	1,684	2.40	6,987	1.56	5,565	3.39	14,236	2.37
October	1,591	2.35	5,659	1.37	5,555	3.41	12,805	2.38
November	4,446	2.03	9,398	1.61	5,540	3.37	19,384	2.21
December	3,995	2.09	6,317	1.68	7,386	3.35	17,698	2.47
Total	52,556	^R2.42	46,500	1.68	62,682	3.18	161,738	2.50
1995								
January	^R 2,518	^R 2.00	5,576	1.54	5,541	3.35	^R 13,635	^R 2.36
February	^R 2,016	^R 2.02	5,542	^R 1.32	5,557	^R 3.38	^R 13,115	2.30
March	^R 2,387	^R 1.92	6,670	1.36	5,573	^R 3.39	^R 14,630	2.22
April	^R 2,457	^R 1.84	^R 5,941	^R 1.49	3,741	3.47	^R 12,138	^R 2.17
May	^R 1,931	^R 2.01	^R 6,848	1.58	3,698	3.54	^R 12,477	^R 2.53
June	^R 2,106	^R 1.91	^R 7,945	1.59	^R 5,556	3.59	^R 15,606	^R 2.34
July	^R 2,446	^R 1.82	^R 6,526	^R 1.39	^R 5,581	3.58	^R 14,552	^R 2.30
August	^R 2,558	^R 1.77	^R 3,431	1.29	^R 7,531	3.47	^R 13,520	^R 2.60
September	^R 3,336	^R 2.03	2,378	1.47	5,656	3.36	^R 11,370	^R 2.58
October	^R 2,929	^R 1.91	5,588	^R 1.63	3,733	3.30	^R 12,250	2.21
November	1,627	2.21	^R 3,535	1.65	7,518	^R 3.29	^R 12,679	^R 2.69
December	1,244	2.43	1,303	1.82	^R 5,599	^R 3.31	^R 8,146	^R 2.94
Total	27,554	^R1.96	61,283	^R1.50	65,283	^R3.41	154,119	^R2.39
1996								
January	6,856	3.22	1,608	1.98	5,534	3.38	13,998	3.14
February	5,275	2.74	2,000	1.82	5,619	3.29	12,894	2.84
March	6,785	2.80	2,861	1.81	5,642	3.29	15,288	2.79
April	^R 2,430	^R 2.22	^R 1,942	^R 1.69	5,653	^R 3.57	^R 10,025	^R 2.88
May	^R 2,809	^R 2.15	^R 1,900	^R 1.84	3,750	^R 3.61	^R 8,459	^R 2.72
June	^R 3,001	^R 2.25	^R 3,486	^R 2.15	5,651	^R 3.55	^R 12,138	^R 2.82
July	^E 4,000	NA	^E 2,500	NA	7,546	NA	^E 14,046	NA
August	^E 4,500	NA	^E 7,000	NA	5,667	NA	^E 17,167	NA
1996 YTD	^E35,656	NA	^E23,297	NA	45,061	NA	^E104,014	NA
1995 YTD	18,418	1.91	48,478	1.46	42,777	3.47	109,674	2.32
1994 YTD	40,840	2.51	18,139	1.86	38,636	3.05	97,615	2.60

^R = Revised Data.

^E = Estimated Data.

NA = Not Available.

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

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

Year and Month	Alabama ^b	Alaska	California	Colorado	Florida	Kansas
1990 Total	135,276	402,907	362,748	242,997	6,483	573,603
1991 Total	170,847	437,822	378,384	285,961	4,884	628,459
1992 Total	355,099	443,597	365,632	323,041	6,657	658,007
1993 Total	388,024	430,350	315,851	400,985	7,085	686,347
1994						
January	44,067	42,521	27,310	38,036	577	70,766
February	40,980	37,556	24,382	34,940	547	61,683
March	44,744	41,925	26,375	36,897	676	64,086
April	43,693	38,157	25,257	37,572	602	56,981
May	44,215	37,677	25,518	40,769	621	58,238
June	38,749	33,374	24,511	35,514	616	55,058
July	45,135	34,864	24,954	37,317	676	54,985
August	44,742	34,113	24,997	37,806	634	52,903
September	36,261	35,287	24,657	37,957	586	49,373
October	44,570	38,727	26,676	39,150	712	56,433
November	44,164	38,606	26,773	38,570	629	62,760
December	43,953	40,616	28,017	38,681	610	69,465
Total	515,271	453,424	309,427	453,207	7,486	712,729
1995						
January	34,876	43,485	26,389	^E 36,559	613	63,402
February	30,268	37,688	23,511	^E 33,266	560	55,728
March	33,833	43,226	24,449	^E 35,218	615	59,720
April	33,434	37,450	22,942	^E 36,106	578	60,129
May	34,251	36,790	23,330	^E 38,383	606	60,645
June	31,517	37,413	23,653	^E 35,476	537	57,860
July	33,631	36,396	23,270	^E 35,542	540	60,557
August	31,351	38,442	24,417	^E 37,287	504	58,636
September	35,039	35,407	23,379	^E 36,470	508	56,237
October	34,074	39,224	23,401	^E 37,741	475	59,644
November	35,480	41,395	23,360	^E 38,617	497	62,206
December	36,488	43,262	24,728	^E 41,454	504	^E 66,969
Total	404,243	470,177	286,828	^E 442,118	6,538	^E 721,733
1996						
January	32,816	44,811	20,482	44,982	518	^E 62,504
February	30,858	40,581	22,766	^E 41,385	493	62,213
March	33,269	43,896	24,525	^R 46,594	460	62,554
April	31,604	39,838	23,836	^R 41,542	456	60,401
May	32,749	36,479	23,932	^{RE} 44,021	483	^R 61,727
June	31,136	37,470	23,137	^E 40,321	503	^E 55,896
1996 YTD	192,432	243,076	138,678	^E 258,845	2,912	^E 365,295
1995 YTD	198,179	236,051	144,274	^E 215,008	3,509	357,484
1994 YTD	256,447	231,210	153,353	223,727	3,638	366,811

See footnotes at end of table.

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

Year and Month	Louisiana ^c	Michigan	Mississippi	Montana	New Mexico	North Dakota
1990 Total	5,241,989	172,151	94,616	50,429	965,104	52,169
1991 Total	5,034,361	195,749	108,031	51,999	1,038,284	53,479
1992 Total	4,914,300	194,815	91,697	53,867	1,268,863	54,883
1993 Total	4,991,138	204,635	80,695	54,528	1,409,429	59,851
1994						
January	436,651	27,679	5,804	4,928	129,078	5,050
February	397,986	3,071	5,339	4,469	120,160	4,584
March	431,866	35,710	5,877	4,562	131,175	5,040
April	419,224	7,755	5,340	4,384	126,005	5,026
May	433,420	25,719	5,339	4,078	131,960	5,139
June	416,199	18,410	5,152	3,347	125,073	4,862
July	429,522	20,693	5,059	3,392	126,762	4,845
August	431,138	18,210	5,430	3,753	132,240	4,790
September	406,043	20,327	5,855	3,924	128,437	4,520
October	424,144	15,412	4,812	4,451	133,438	4,837
November	457,483	18,566	4,621	4,476	134,477	4,615
December	486,015	11,105	4,820	4,652	138,880	4,497
Total	5,169,690	222,657	63,448	50,416	1,557,684	57,805
1995						
January	455,056	23,203	7,812	4,907	^E 140,626	4,022
February	401,623	16,185	7,010	4,274	^E 129,938	3,932
March	439,949	24,277	7,816	4,699	^E 141,717	4,410
April	434,412	18,025	7,549	4,361	^E 140,781	4,111
May	454,394	20,002	8,266	4,364	^E 148,082	4,312
June	434,353	25,793	7,957	3,414	^E 140,067	4,186
July	445,374	23,957	8,033	3,472	^E 145,356	3,615
August	428,334	19,626	8,798	3,388	^E 150,788	4,128
September	428,597	22,262	8,882	3,717	^E 145,734	4,129
October	399,662	20,057	8,621	4,345	^E 150,703	4,240
November	^E 412,961	15,479	8,249	4,566	^E 152,601	4,019
December	^E 445,922	15,972	8,379	4,691	^E 157,796	4,102
Total	^E 5,180,637	244,839	97,371	50,197	^E 1,744,189	49,207
1996						
January	^E 466,361	22,482	8,121	4,503	^{RE} 140,308	4,109
February	^E 438,570	19,173	7,364	4,266	^{RE} 126,378	3,753
March	^E 453,113	11,499	8,367	4,443	^{RE} 138,034	4,048
April	^E 443,001	32,907	8,245	^R 4,098	^{RE} 132,151	3,924
May	^E 460,755	18,490	^R 9,103	^R 4,244	^{RE} 138,052	4,106
June	^E 437,816	24,185	9,074	3,496	^E 130,910	3,847
1996 YTD	^E 2,699,616	128,736	50,274	25,049	^E 805,833	23,786
1995 YTD	2,619,787	127,485	46,409	26,020	^E 841,210	24,974
1994 YTD	2,535,346	118,344	32,851	25,768	763,451	29,702

See footnotes at end of table.

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

Year and Month	Oklahoma	Texas ^c	Utah	Wyoming	Other ^a States	U.S. Total
1990 Total	2,258,471	6,343,146	145,875	735,728	810,100	18,593,792
1991 Total	2,153,852	6,280,654	144,817	776,528	788,328	18,532,439
1992 Total	2,017,356	6,145,862	171,293	842,576	804,264	18,711,808
1993 Total	2,049,942	6,249,624	225,401	634,957	793,072	18,981,915
1994						
January	171,629	528,320	21,029	60,965	70,808	1,685,218
February	153,271	483,081	21,411	51,424	65,111	1,509,994
March	165,150	545,090	23,603	59,852	68,246	1,690,874
April	158,384	527,495	23,079	62,747	65,098	1,606,798
May	159,520	541,019	23,787	60,321	65,755	1,663,096
June	153,088	526,702	22,146	57,577	66,378	1,586,755
July	155,458	552,899	22,953	58,805	65,145	1,643,463
August	155,504	552,428	23,515	61,520	66,755	1,650,477
September	153,321	516,610	21,778	57,555	64,180	1,566,670
October	167,006	520,820	23,073	54,632	68,312	1,627,204
November	167,314	524,747	22,151	54,457	67,048	1,671,456
December	175,216	534,628	22,333	56,164	73,810	1,733,463
Total	1,934,862	6,353,838	270,858	696,018	806,646	19,635,467
1995						
January	158,449	540,249	22,354	68,122	^E 71,745	^E 1,701,871
February	141,786	488,673	21,686	56,655	^E 66,137	^E 1,518,920
March	155,881	538,849	24,618	61,148	^E 69,410	^E 1,669,835
April	150,507	529,469	24,529	61,639	^E 66,490	^E 1,632,511
May	159,097	549,870	22,498	62,367	^E 67,005	^E 1,694,261
June	149,529	531,073	15,626	59,488	^E 66,577	^E 1,624,519
July	150,178	539,417	17,120	59,320	^E 66,353	^E 1,652,130
August	153,861	536,273	17,676	58,414	^E 67,425	^E 1,639,349
September	^E 153,561	522,690	18,447	59,375	^E 65,215	^E 1,619,649
October	^E 157,743	532,591	16,987	66,145	^E 69,797	^E 1,625,449
November	^E 156,044	521,554	18,062	64,051	^E 69,110	^E 1,628,251
December	^E 160,927	541,853	20,493	67,326	^E 75,037	^E 1,715,904
Total	^E 1,847,563	6,372,561	240,095	744,050	^E 820,301	^E 19,722,648
1996						
January	^E 160,437	543,853	19,998	67,009	^E 73,281	^{RE} 1,716,574
February	^E 147,253	514,791	18,027	60,674	^E 67,193	^{RE} 1,605,739
March	^E 154,752	546,612	21,650	66,130	^E 70,500	^{RE} 1,690,445
April	^E 148,412	532,218	20,857	71,119	^E 67,218	^{RE} 1,661,827
May	^E 149,174	537,408	20,551	61,399	^E 67,803	^{RE} 1,670,477
June	^E 144,004	529,989	20,294	54,503	^E 68,415	^E 1,614,996
1996 YTD	^E 904,032	3,204,871	121,378	380,835	^E 414,410	^E 9,960,057
1995 YTD	915,249	3,178,183	131,311	369,420	^E 407,363	^E 9,841,917
1994 YTD	961,042	3,151,707	135,055	352,886	401,396	9,742,735

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

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

^c Monthly Federal offshore production volumes are included.

^R = Revised Data.

^E = Estimated Data.

^{RE} = Revised Estimated Data.

Notes: Data for 1990 through 1994 are final. All other data are preliminary unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

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

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

Year and State	Gross Withdrawals			Repressuring	Nonhydro- carbon Gases Removed ^a	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama	34,309	907	35,216	1,786	2,216	79	31,136
Alaska	14,404	248,567	262,971	224,882	0	619	37,470
California	6,935	25,583	32,518	9,249	89	43	23,137
Colorado	^E 34,580	^E 6,626	^E 41,205	^E 800	0	^E 85	^E 40,321
Florida	0	552	552	0	50	0	503
Kansas	^E 49,321	^E 6,726	^E 56,047	^E 95	0	^E 56	^E 55,896
Louisiana	^E 385,275	^E 57,918	^E 443,193	^E 3,476	^E 0	^E 1,901	^E 437,816
Michigan	19,725	4,931	24,657	195	0	277	24,185
Mississippi	10,269	536	10,806	838	394	499	9,074
Montana	3,012	518	3,530	7	0	27	3,496
New Mexico	^E 116,305	^E 16,562	^E 132,867	^E 1,542	^E 266	^E 149	^E 130,910
North Dakota	1,327	3,086	4,414	230	9	328	3,847
Oklahoma	^E 121,080	^E 22,924	^E 144,004	0	0	0	^E 144,004
Texas	469,873	113,797	583,670	37,799	13,424	2,458	529,989
Utah	18,593	4,020	22,613	631	0	1,687	20,294
Wyoming	74,024	9,588	83,612	6,221	12,366	10,522	54,503
Other States	^E 65,931	^E 3,604	^E 69,535	^E 598	^E 33	^E 490	^E 68,415
Total	^E1,424,965	^E526,445	^E1,951,410	^E288,349	^E28,846	^E19,219	^E1,614,996

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

^E = Estimated Data.

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

Source: Form EIA-895.

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

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net ^c
1990 Total^a	3,868	3,068	6,936	555	22.1	2,433	1,934	499
1991 Total^a	3,954	2,824	6,778	-244	-8.0	2,608	2,689	-80
1992 Total^a	4,044	2,597	6,641	-227	-8.0	2,555	2,724	-168
1993 Total^a	4,327	2,322	6,649	-275	-10.6	2,760	2,717	43
1994								
January	4,348	1,579	5,927	-247	-13.5	35	792	-758
February	4,337	1,091	5,428	-212	-16.3	50	567	-517
March	4,343	958	5,301	-71	-6.9	106	240	-135
April	4,345	1,172	5,517	51	4.6	286	68	218
May	4,352	1,554	5,906	33	2.2	427	25	403
June	4,352	1,896	6,248	2	0.1	381	37	344
July	4,355	2,273	6,629	33	1.5	410	26	384
August	4,355	2,607	6,961	52	2.1	373	30	343
September	4,353	2,912	7,266	28	1.0	345	21	324
October	4,354	3,075	7,429	97	3.3	224	54	170
November	4,353	2,978	7,331	215	7.8	105	204	-99
December	4,360	2,606	6,966	284	12.2	54	443	-389
Total	—	—	—	—	—	2,796	2,508	288
1995								
January	4,364	2,041	6,405	462	29.3	44	622	-578
February	4,367	1,539	5,906	449	41.1	43	546	-502
March	4,361	1,330	5,691	372	38.9	102	317	-215
April	4,359	1,378	5,738	207	17.6	170	123	47
May	4,392	1,668	6,059	113	7.3	353	33	320
June	4,404	2,013	6,417	116	6.1	393	39	354
July	4,338	2,300	6,639	27	1.2	345	53	292
August	4,338	2,495	6,833	-112	-4.3	278	83	195
September	4,339	2,797	7,135	-115	-4.0	327	29	299
October	4,336	2,988	7,324	-87	-2.8	260	67	194
November	4,340	2,719	7,058	-259	-8.7	90	356	-266
December	4,346	2,146	6,492	-460	-17.7	51	618	-567
Total	—	—	—	—	—	2,458	2,886	-429
1996								
January	4,342	1,454	5,796	-587	-28.8	45	740	-695
February	4,337	1,015	5,352	-524	-34.0	93	537	-444
March	4,278	753	5,030	-578	-43.4	75	398	-323
April	4,300	843	5,142	-536	-38.9	219	110	108
May	4,319	1,150	5,469	-518	-31.1	367	39	328
June	4,328	1,499	5,827	-514	-25.5	385	29	356
July	4,324	1,878	6,202	-423	-18.4	401	45	356
August	^R 4,323	^R 2,236	^R 6,559	^R -259	^R -10.4	^R 395	^R 51	^R 344
September	^{RE} 4,323	^{RE} 2,658	^{RE} 6,980	^{RE} -139	^E -5.0	^E 437	^E 38	^E 398
October	^E 4,323	^E 2,875	^E 7,198	^E -113	^E -3.8	^E 267	^E 50	^E 217

^a Total as of December 31.

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

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

^R = Revised Data.

^E = Estimated Data.

^{RE} = Revised Estimated Data.

— = Not Applicable.

Notes: Data for 1989 through 1994 are final. All other data are preliminary unless otherwise noted. Data for the most recent two months are derived from the Short-Term Integrated Forecasting System. See Explanatory Note 7 of the *Natural Gas Monthly* for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. In January 1995, 2 billion cubic feet was added to base gas for two new respondents.

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

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

Sources: Form EIA-191 and Form EIA-176

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

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net ^c
1990 Total^a	2,496	2,203	4,699	439	24.9	1,705	1,284	421
1991 Total^a	2,571	1,985	4,556	-218	-9.9	1,904	2,015	-111
1992 Total^a	2,652	1,819	4,471	-166	-8.4	1,838	1,940	-102
1993 Total^a	2,939	1,531	4,470	-288	-15.8	1,911	1,894	17
1994								
January	2,948	1,006	3,954	-216	-17.7	19	545	-526
February	2,943	680	3,623	-153	-18.4	34	376	-343
March	2,951	576	3,526	-43	-6.9	69	173	-104
April	2,950	748	3,697	68	10.1	209	39	170
May	2,956	1,024	3,980	52	5.4	304	15	290
June	2,956	1,270	4,225	20	1.6	265	14	251
July	2,958	1,540	4,498	38	2.5	293	15	278
August	2,957	1,790	4,746	53	3.1	269	17	253
September	2,959	1,992	4,951	-5	-0.2	222	12	210
October	2,955	2,094	5,048	60	3.0	136	37	99
November	2,953	2,011	4,964	161	8.7	60	151	-90
December	2,960	1,743	4,703	212	13.8	34	308	-274
Total	—	—	—	—	—	1,913	1,701	213
1995								
January	2,957	1,336	4,293	330	32.8	27	438	-411
February	2,958	956	3,914	276	40.6	20	397	-377
March	2,955	804	3,759	228	39.6	66	222	-156
April	2,954	845	3,799	97	13.0	118	78	40
May	2,956	1,067	4,024	44	4.2	241	17	224
June	2,962	1,324	4,287	55	4.3	282	23	259
July	2,896	1,543	4,438	3	0.2	249	28	221
August	2,893	1,700	4,594	-90	-5.0	200	44	157
September	2,894	1,906	4,800	-86	-4.3	218	15	203
October	2,891	2,016	4,907	-78	-3.7	157	46	111
November	2,895	1,785	4,680	-226	-11.3	38	266	-228
December	2,899	1,372	4,271	-371	-21.3	25	434	-409
Total	—	—	—	—	—	1,641	2,008	-367
1996								
January	2,897	913	3,810	-423	-31.7	23	483	-460
February	2,894	617	3,511	-339	-35.5	60	359	-299
March	2,855	432	3,287	-371	-46.2	44	269	-225
April	2,868	500	3,368	-345	-40.8	152	73	79
May	2,885	706	3,591	-362	-33.9	250	27	223
June	2,893	971	3,864	-353	-26.7	286	16	270
July	2,892	1,273	4,164	-270	-17.5	313	17	296
August	2,889	1,551	4,440	-149	-8.8	291	15	276

^a Total as of December 31.

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

^c Positive numbers indicate the volume of injections in excess of withdrawals. Negative numbers indicate the volume of withdrawals in excess of injections. — = Not Applicable.

Notes: Data for 1990 through 1994 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

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

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

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^a	Volume	Percent	Injections	Withdrawals	Net ^c
1990 Total^a	1,372	864	2,236	115	15.4	728	650	78
1991 Total^a	1,383	839	2,221	-25	-2.9	705	674	31
1992 Total^a	1,392	778	2,170	-61	-7.3	717	784	-67
1993 Total^a	1,388	791	2,179	13	1.7	826	802	24
1994								
January	1,400	573	1,973	-30	-5.0	16	247	-232
February	1,394	411	1,804	-59	-12.5	16	191	-175
March	1,392	382	1,775	-28	-6.8	37	67	-30
April	1,395	424	1,819	-17	-3.8	77	29	47
May	1,396	530	1,926	-18	-3.4	123	10	113
June	1,396	627	2,023	-18	-2.8	116	23	93
July	1,397	734	2,131	-4	-0.6	118	11	107
August	1,398	817	2,215	-1	-0.1	103	13	90
September	1,395	920	2,315	34	3.8	124	9	114
October	1,400	981	2,381	37	4.0	88	17	71
November	1,400	966	2,367	55	6.1	45	54	-9
December	1,400	864	2,263	73	9.2	20	136	-115
Total	—	—	—	—	—	882	807	75
1995								
January	1,407	705	2,113	132	23.0	16	184	-167
February	1,408	583	1,991	172	42.0	24	148	-125
March	1,406	527	1,932	144	37.8	36	95	-59
April	1,405	534	1,939	110	25.9	52	45	7
May	1,435	600	2,036	70	13.2	112	16	96
June	1,442	688	2,130	62	9.8	111	16	95
July	1,443	758	2,201	24	3.3	95	25	71
August	1,445	794	2,239	-22	-2.7	78	40	38
September	1,445	891	2,335	-29	-3.2	110	14	96
October	1,444	973	2,417	-9	-0.9	103	20	83
November	1,445	934	2,378	-33	-3.4	52	91	-39
December	1,447	774	2,221	-90	-10.4	26	184	-158
Total	—	—	—	—	—	816	878	-62
1996								
January	1,445	542	1,987	-164	-23.2	22	257	-235
February	1,442	399	1,841	-184	-31.6	33	178	-145
March	1,423	320	1,744	-206	-39.2	31	130	-99
April	1,432	343	1,774	-191	-35.8	67	38	29
May	1,434	444	1,878	-156	-26.0	117	13	104
June	1,435	528	1,963	-160	-23.3	99	12	86
July	1,433	605	2,037	-153	-20.2	88	28	60
August	1,434	685	2,119	-110	-13.8	104	36	68

^a Total as of December 31.

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

^c Positive numbers indicate the volume of injections in excess of withdrawals. Negative numbers indicate the volume of withdrawals in excess of injections. — = Not Applicable.

Notes: Data for 1990 through 1994 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

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

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

State	1996						
	August	July	June	May	April	March	February
Alabama	-395	0	-670	-367	-153	162	17
Arkansas	-615	-744	-1,166	-1,302	-44	1,259	1,115
California	15,137	6,837	-9,894	-23,726	-12,087	1,292	25,281
Colorado	-3,703	-5,336	-5,026	-2,247	1,308	5,105	1,486
Illinois	-35,442	-26,040	-13,916	-27,002	-3,163	23,029	41,246
Indiana	-5,988	-4,180	-2,421	-161	990	3,541	3,831
Iowa	-13,268	-12,464	-7,692	-1,625	2,012	6,372	8,820
Kansas	-8,116	-7,133	-12,110	-7,724	-5,531	10,743	7,491
Kentucky	-10,080	-13,360	-14,232	-6,228	395	7,956	12,252
Louisiana	-32,107	-28,952	-15,803	-12,312	-1,310	24,547	23,515
Maryland	-1,869	-1,912	-2,655	-2,189	71	1,500	2,677
Michigan	-82,957	-80,522	-79,031	-58,348	-14,604	51,244	82,900
Minnesota	-210	-287	-294	-366	-88	222	260
Mississippi	-7,882	-8,093	-6,479	-2,485	-3,994	5,653	3,236
Missouri	-206	-240	-261	-1,319	293	379	-100
Montana	-3,502	-3,261	-3,578	780	645	3,877	3,437
Nebraska	-1,277	-1,132	-1,826	-1,535	-287	763	718
New Mexico	366	812	49	32	496	2,160	1,575
New York	-11,321	-12,870	-12,280	-13,343	-2,714	9,001	12,727
Ohio	-29,259	-35,479	-36,310	-29,890	-8,654	29,036	33,716
Oklahoma	-14,723	-6,700	-11,006	-18,357	-4,610	16,742	23,625
Oregon	-437	-1,133	-1,173	-723	132	651	940
Pennsylvania	-52,218	-69,709	-62,274	-46,405	-22,349	43,702	64,404
Texas	-17,582	-1,649	-14,710	-28,051	-17,628	43,280	46,443
Utah	-3,884	-6,821	-6,742	-5,533	-188	2,388	8,372
Washington	-1,966	-936	-3,317	-1,974	-359	536	762
West Virginia	-19,867	-32,607	-29,512	-32,729	-16,154	27,054	30,565
Wyoming	-771	-2,160	-1,760	-2,704	-644	1,095	3,044
Total	-344,142	-356,072	-356,090	-327,833	-108,221	323,288	444,356

See footnotes at end of table.

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

State	1996	1995					
	January	Total	December	November	October	September	August
Alabama	54	73	400	189	73	-592	-218
Arkansas	2,112	709	2,149	618	80	-157	-1,390
California	47,300	-27,229	25,871	-2,030	-18,155	-15,204	1,719
Colorado	8,699	-1,480	5,355	-1,487	-1,207	-2,824	-4,279
Illinois	68,239	25,289	44,173	14,205	-31,931	-31,913	-32,082
Indiana	7,170	2,071	4,772	-839	-4,446	-4,769	-3,727
Iowa	16,663	6,293	15,034	10,669	-7,125	-11,687	-14,741
Kansas	28,184	5,823	16,923	7,650	-11,033	-16,573	11
Kentucky	14,488	7,386	11,431	9,297	-2,525	-6,767	-3,846
Louisiana	41,445	55,699	46,789	24,450	-14,059	-23,405	-1,148
Maryland	3,787	2,056	2,941	533	-1,152	-2,047	-1,183
Michigan	131,134	124,148	117,780	67,143	-32,417	-52,327	-54,311
Minnesota	781	174	256	3	-6	-241	-231
Mississippi	6,891	7,672	6,432	9,454	-2,606	-6,282	-753
Missouri	1,423	-197	330	-165	-124	-463	-349
Montana	6,207	3,601	5,251	3,048	554	-1,096	-3,206
Nebraska	1,845	5,819	1,593	1,598	743	-385	-177
New Mexico	1,312	2,244	1,490	1,077	-35	-519	1,090
New York	14,199	14,762	17,615	9,682	-1,692	-8,915	-8,278
Ohio	43,949	38,773	42,851	23,996	-8,839	-18,480	-23,286
Oklahoma	33,114	19,103	23,331	8,149	-12,677	-8,005	1,755
Oregon	1,252	-880	822	58	0	-486	0
Pennsylvania	80,378	59,332	75,053	44,123	-21,829	-43,671	-39,875
Texas	72,417	36,778	45,936	12,294	-7,343	-18,200	7,232
Utah	12,335	199	9,833	-1,316	-525	-1,474	-3,472
Washington	6,031	-2,363	1,015	-67	100	-2,494	271
West Virginia	40,250	42,008	39,310	23,048	-14,476	-17,711	-8,842
Wyoming	3,410	805	2,040	727	-1,179	-1,909	-1,673
Total	695,070	428,668	566,777	266,105	-193,832	-298,596	-194,988

See footnotes at end of table.

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

State	1995						
	July	June	May	April	March	February	January
Alabama	-35	-42	-27	0	264	2	60
Arkansas	-1,494	-1,312	-211	130	539	753	1,005
California	-13,401	-26,009	-26,370	2,797	7,942	4,650	30,961
Colorado	-6,114	-6,104	-2,203	4,715	4,979	3,502	4,187
Illinois	-30,183	-28,861	-28,504	4,427	24,155	58,368	63,435
Indiana	-2,859	-1,793	-332	647	2,523	6,896	5,997
Iowa	-10,291	-8,122	-3,955	672	4,469	10,876	20,494
Kansas	-4,944	-12,812	-9,689	-1,501	10,730	12,038	15,022
Kentucky	-6,817	-7,628	-12,771	-3,464	4,533	12,619	13,324
Louisiana	-20,772	-27,471	-18,654	-9,576	8,682	39,086	51,776
Maryland	189	-2,031	-2,000	244	105	4,244	2,213
Michigan	-74,426	-65,457	-53,090	1,189	51,336	112,705	106,022
Minnesota	-306	-262	-331	47	257	477	513
Mississippi	-4,194	-1,638	-7,168	-4,717	4,052	6,286	8,807
Missouri	11	9	-621	271	42	279	584
Montana	-2,917	-2,139	-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	-7,292	-11,195	-8,567	-600	5,516	14,347	14,141
Ohio	-30,746	-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	-33,388	-52,469	-42,346	-13,250	28,252	92,485	66,247
Texas	-1,403	-17,802	-23,792	-21,926	8,402	19,833	33,547
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	-291,770	-353,700	-320,171	-47,092	215,290	502,323	578,320

See footnotes at end of table.

Table 12. Net Withdrawals from Underground Storage, by State, 1994-1996

(Volumes in Million Cubic Feet) — Continued

State	1994						
	Total	December	November	October	September	August	July
Alabama	-639	-4	-20	-54	-85	-92	-102
Arkansas	2,482	597	359	64	-210	-803	-563
California	-5,066	25,734	16,783	-12,273	-25,551	-9,372	-17,672
Colorado	-1,100	2,926	1,390	-288	-4,976	-5,087	-4,180
Illinois	-12,907	33,868	12,634	-27,773	-40,132	-37,123	-34,981
Indiana	-3,576	3,083	-648	-2,947	-4,141	-4,529	-5,189
Iowa	-2,764	20,371	6,758	-10,323	-13,446	-12,403	-11,997
Kansas	-6,218	10,129	6,723	-4,370	-9,624	-12,337	-10,613
Kentucky	-4,845	8,399	-324	-3,346	-3,590	-6,832	-9,628
Louisiana	-39,794	36,322	4,098	-8,896	-22,378	-20,856	-28,666
Maryland	2,090	1,597	1,016	-1,781	-1,536	-1,468	-2,113
Michigan	-80,996	63,147	19,650	-30,353	-64,754	-75,050	-72,574
Minnesota	-365	68	3	2	-150	-207	-371
Mississippi	-14,446	5,228	-888	-3,645	-2,139	-5,288	-5,954
Missouri	85	-6	-230	-207	-269	-307	-316
Montana	7,819	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	-1,379	529	548	-2,020	-4,075	-105	194
New York	-1,824	8,913	2,674	-1,373	-5,006	-8,906	-9,125
Ohio	-28,576	28,025	3,858	-10,528	-21,945	-26,755	-33,557
Oklahoma	-18,838	17,759	3,825	-4,797	-9,237	-13,744	-17,293
Oregon	-720	638	437	-255	-688	-1,081	-1,202
Pennsylvania	823	44,846	19,352	-14,950	-23,836	-43,337	-51,484
Texas	-36,228	38,575	-11,223	-17,141	-30,517	-25,090	-27,928
Utah	-19,587	5,275	2,363	-3,871	-8,505	-6,264	-5,499
Washington	-1,572	1,576	391	-216	-1,131	-449	-1,805
West Virginia	-14,932	24,797	7,389	-5,989	-20,918	-22,343	-27,180
Wyoming	-2,584	2,007	659	-963	-1,434	-1,499	-1,113
Total	-288,127	389,075	99,102	-170,256	-324,170	-342,748	-384,389

Notes: This table contains total net withdrawals for each State with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. Data for 1994 are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year.

Source: Form EIA-191.

**Table 13. Activities of Underground Natural Gas Storage Operators, by State,
August 1996**
(Volumes in Million Cubic Feet)

State	Total Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
		Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Alabama	2,600	1,088	1,553	2,641	998	179.6	395	0
Arkansas	31,671	13,252	4,182	17,434	-2,419	-36.6	664	49
California	515,206	247,419	138,807	386,226	-40,701	-22.7	4,341	19,478
Colorado	99,600	47,781	29,660	77,441	-114	-0.4	4,092	389
Illinois	903,766	651,468	190,009	841,477	6,436	3.5	35,897	456
Indiana	113,001	74,779	28,116	102,895	576	2.1	6,029	41
Iowa	270,200	200,700	37,836	238,536	-5,912	-13.5	13,269	1
Kansas	283,378	182,482	70,113	252,595	5,032	7.7	11,334	3,218
Kentucky	216,351	106,711	85,853	192,564	-5,359	-5.9	10,284	204
Louisiana	550,470	267,530	141,528	409,058	-34,425	-19.6	36,067	3,960
Maryland	62,000	46,677	11,711	58,389	315	2.8	1,869	0
Michigan	1,057,780	418,748	445,439	864,187	-47,334	-9.6	83,976	1,019
Minnesota	7,000	4,623	2,093	6,716	-28	-1.3	280	70
Mississippi	136,043	77,682	44,592	122,274	3,352	8.1	11,259	3,376
Missouri	30,564	21,600	8,958	30,558	398	4.7	213	7
Montana	375,010	167,403	65,077	232,480	-13,192	-16.9	3,819	317
Nebraska	39,469	31,507	3,215	34,722	-843	-20.8	1,344	67
New Mexico	94,600	26,144	4,308	30,452	-5,195	-54.7	473	840
New York	187,708	102,712	62,721	165,433	80	0.1	13,057	1,736
Ohio	620,544	348,261	147,758	496,019	5,777	4.1	29,514	255
Oklahoma	381,087	227,087	74,647	301,734	-26,961	-26.5	16,544	1,821
Oregon	11,623	4,896	6,862	11,758	97	1.4	437	0
Pennsylvania	727,392	356,848	303,355	660,203	13,170	4.5	53,481	1,263
Texas	657,534	248,036	125,298	373,335	-108,837	-46.5	28,092	10,510
Utah	122,499	62,100	31,389	93,489	-7,714	-19.7	4,746	863
Washington	33,900	20,062	15,100	35,162	1,336	9.7	2,279	313
West Virginia	510,932	304,592	130,895	435,487	1,930	1.5	20,765	897
Wyoming	105,669	60,754	24,769	85,524	832	3.5	836	65
Total	8,147,598	4,322,942	2,235,846	6,558,788	-258,703	-10.4	395,356	51,214

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

Source: Form EIA-191.

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

(Million Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		
				July	June	May
Alabama	42,865	34,407	37,970	1,315	1,494	3,024
Alaska	9,919	9,613	9,178	493	647	964
Arizona	18,718	19,363	20,080	926	1,101	1,343
Arkansas	32,872	27,982	30,170	933	1,206	1,970
California	287,572	319,435	316,113	18,668	26,024	30,036
Colorado	NA	72,319	67,715	NA	4,593	7,344
Connecticut	30,614	27,375	30,901	1,088	1,274	2,303
Delaware	7,384	5,976	6,630	198	313	559
District of Columbia	12,410	10,642	11,853	417	588	816
Florida	11,699	9,841	9,690	743	789	1,019
Georgia	81,331	66,412	68,648	3,204	3,149	4,445
Hawaii	332	353	351	42	45	44
Idaho	9,856	8,703	7,520	300	542	976
Illinois	342,642	305,913	320,167	11,351	12,440	27,172
Indiana	NA	102,213	111,144	3,267	4,509	8,911
Iowa	71,701	52,034	53,911	2,091	2,947	5,275
Kansas	56,805	48,633	49,760	1,847	1,763	3,312
Kentucky	46,332	39,491	42,817	1,137	1,535	2,295
Louisiana	41,811	34,826	38,295	1,845	1,995	2,586
Maine	NA	563	595	25	NA	53
Maryland	NA	48,998	54,527	NA	NA	NA
Massachusetts	79,801	71,554	86,966	2,828	3,995	6,782
Michigan	272,622	240,010	259,744	7,648	10,610	24,612
Minnesota	92,680	79,821	83,839	2,546	3,654	7,228
Mississippi	NA	17,925	19,906	NA	NA	1,362
Missouri	147,366	84,613	92,038	4,141	5,270	9,560
Montana	14,180	12,168	11,498	475	753	1,438
Nebraska	31,321	30,424	31,656	966	1,376	2,439
Nevada	14,848	14,831	13,610	779	1,011	1,264
New Hampshire	NA	4,403	4,820	159	NA	429
New Jersey	NA	130,860	154,731	4,297	5,832	10,716
New Mexico	22,564	17,759	17,909	1,709	1,794	648
New York	NA	255,991	277,994	10,250	14,142	NA
North Carolina	42,951	33,448	34,489	904	1,230	2,167
North Dakota	8,505	7,530	7,605	213	399	817
Ohio	248,034	224,894	243,346	7,361	10,350	17,730
Oklahoma	54,031	47,409	50,144	1,624	1,985	3,315
Oregon	21,919	19,036	18,087	838	1,386	2,272
Pennsylvania	188,205	168,155	193,171	5,607	7,847	13,643
Rhode Island	13,348	11,955	12,862	484	692	1,216
South Carolina	21,015	16,962	17,198	421	548	945
South Dakota	NA	8,148	8,128	NA	464	803
Tennessee	NA	39,723	42,390	1,157	NA	NA
Texas	152,589	133,047	146,457	7,234	7,852	9,684
Utah	32,222	29,827	27,285	1,533	1,351	2,252
Vermont	1,810	1,586	1,835	51	85	167
Virginia	52,814	43,674	46,198	1,515	2,106	2,584
Washington	NA	34,393	32,978	1,624	2,626	NA
West Virginia	25,951	22,832	25,466	588	815	1,647
Wisconsin	NA	82,775	87,395	NA	NA	7,999
Wyoming	NA	8,626	7,412	NA	NA	NA
Total	3,559,837	3,139,467	3,345,192	126,368	165,150	274,255

See footnotes at end of table.

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

State	1996				1995	
	April	March	February	January	Total	December
Alabama	6,416	8,171	11,390	11,056	50,412	7,804
Alaska	1,424	1,918	2,419	2,054	15,220	2,294
Arizona	2,178	3,402	4,267	5,502	26,811	3,144
Arkansas	4,853	6,156	8,726	9,028	42,160	7,214
California	35,758	52,287	58,074	66,726	480,285	56,745
Colorado	12,266	15,628	18,603	18,727	104,288	12,305
Connecticut	4,399	6,245	7,147	8,159	40,598	6,475
Delaware	1,129	1,522	1,941	1,721	8,312	1,208
District of Columbia	1,731	2,402	3,117	3,339	15,704	2,582
Florida	1,659	2,067	2,582	2,840	14,759	1,822
Georgia	9,867	18,136	19,402	23,127	114,928	21,112
Hawaii	49	52	51	49	573	45
Idaho	1,314	1,847	2,509	2,368	13,000	1,748
Illinois	43,206	71,364	81,199	95,909	502,557	81,665
Indiana	NA	25,048	28,873	33,318	160,526	26,789
Iowa	8,738	14,904	17,269	20,478	86,790	16,697
Kansas	6,476	11,822	14,181	17,404	75,677	13,348
Kentucky	5,654	10,345	11,438	13,928	66,910	12,425
Louisiana	5,202	7,819	10,335	12,030	52,057	7,375
Maine	81	137	143	159	920	151
Maryland	7,283	11,919	14,441	16,135	76,355	12,902
Massachusetts	11,621	16,615	18,545	19,415	105,467	15,880
Michigan	40,232	57,565	63,593	68,363	373,286	60,284
Minnesota	12,323	18,813	22,335	25,782	128,960	21,673
Mississippi	3,162	3,837	5,878	6,143	26,144	4,145
Missouri	20,455	29,094	38,080	40,766	NA	NA
Montana	2,087	2,639	3,517	3,272	19,373	2,622
Nebraska	4,443	6,176	8,179	7,743	43,939	6,034
Nevada	1,884	2,903	3,264	3,744	20,686	2,357
New Hampshire	698	998	1,147	1,193	6,508	991
New Jersey	NA	30,417	35,838	40,315	200,738	33,800
New Mexico	2,736	3,278	4,893	7,506	28,484	4,693
New York	41,414	NA	61,546	69,469	376,307	56,852
North Carolina	6,255	7,515	11,915	12,966	49,726	8,641
North Dakota	1,347	1,639	2,159	1,931	NA	1,688
Ohio	34,628	54,413	54,072	69,480	354,800	58,290
Oklahoma	7,682	10,146	14,471	14,806	67,869	9,797
Oregon	2,820	4,041	5,584	4,979	27,952	3,953
Pennsylvania	25,610	39,762	45,352	50,385	259,388	42,826
Rhode Island	1,831	2,664	3,119	3,342	17,342	2,550
South Carolina	2,969	3,706	5,878	6,549	25,163	4,422
South Dakota	1,367	1,885	2,221	2,348	12,473	1,809
Tennessee	NA	9,684	13,700	14,278	60,104	9,192
Texas	19,001	28,066	35,545	45,206	206,125	31,704
Utah	4,540	5,419	8,571	8,555	48,975	7,214
Vermont	268	354	418	467	2,299	353
Virginia	6,630	11,367	13,849	14,763	68,744	12,694
Washington	5,445	7,639	10,136	8,988	52,692	7,618
West Virginia	3,865	5,478	6,582	6,975	34,782	5,726
Wisconsin	12,748	20,281	22,518	25,356	135,991	22,959
Wyoming	NA	NA	NA	NA	NA	NA
Total	483,319	716,631	842,971	951,144	4,888,481	793,639

See footnotes at end of table.

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

State	1995					
	November	October	September	August	July	June
Alabama	4,031	1,561	1,295	1,315	1,418	1,584
Alaska	1,411	866	588	448	534	680
Arizona	1,549	1,023	876	856	966	1,245
Arkansas	3,612	1,329	1,069	953	1,022	1,275
California	37,841	23,274	22,029	20,962	25,623	28,934
Colorado	8,862	5,661	2,613	2,527	3,383	6,120
Connecticut	3,422	1,468	981	877	1,037	1,383
Delaware	556	226	172	173	194	259
District of Columbia	1,247	453	401	379	431	472
Florida	1,023	680	741	652	728	760
Georgia	14,921	6,117	3,343	3,023	3,024	3,227
Hawaii	43	44	45	43	47	50
Idaho	1,364	628	304	254	338	539
Illinois	64,531	26,707	13,761	9,980	11,738	12,091
Indiana	18,246	6,862	3,600	2,817	3,073	3,689
Iowa	10,010	4,455	2,126	1,468	1,617	1,563
Kansas	6,768	3,417	1,801	1,710	1,832	2,081
Kentucky	9,337	3,169	1,354	1,134	1,223	1,143
Louisiana	4,340	2,049	1,796	1,672	1,738	2,194
Maine	104	48	31	24	24	28
Maryland	7,553	2,926	2,094	1,881	1,945	2,228
Massachusetts	9,083	3,945	2,655	2,350	2,633	3,594
Michigan	39,054	17,348	9,603	6,987	7,826	10,302
Minnesota	14,869	6,948	3,261	2,388	2,576	3,394
Mississippi	2,253	611	461	749	815	864
Missouri	11,305	4,257	2,836	2,394	2,870	3,660
Montana	2,182	1,319	646	436	522	702
Nebraska	4,029	1,537	1,032	883	1,010	1,548
Nevada	1,349	817	677	655	801	1,087
New Hampshire	550	254	175	135	160	225
New Jersey	18,808	7,597	5,137	4,537	4,941	5,623
New Mexico	3,055	1,332	821	823	741	1,342
New York	32,851	13,469	9,405	7,739	10,133	13,915
North Carolina	4,476	1,412	945	804	983	1,103
North Dakota	1,090	NA	251	182	234	388
Ohio	40,737	17,247	7,363	6,269	7,064	8,536
Oklahoma	4,955	2,489	1,689	1,530	1,806	2,269
Oregon	2,512	1,108	688	654	809	1,084
Pennsylvania	26,892	11,031	5,473	5,012	5,570	6,661
Rhode Island	1,293	651	459	434	434	689
South Carolina	2,262	646	474	397	472	510
South Dakota	1,318	691	304	204	268	404
Tennessee	7,221	1,806	1,084	1,079	1,209	1,391
Texas	18,711	8,960	7,190	6,513	7,365	7,737
Utah	4,684	3,857	1,970	1,422	1,386	1,956
Vermont	176	86	54	42	49	79
Virginia	7,063	2,313	1,468	1,531	1,489	1,620
Washington	5,679	2,337	1,413	1,252	1,362	1,927
West Virginia	3,542	1,408	725	550	565	690
Wisconsin	16,636	6,993	3,932	2,695	2,696	3,485
Wyoming	NA	NA	NA	354	428	709
Total	490,951	216,612	133,667	114,147	131,150	159,038

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	1995					1994
	May	April	March	February	January	Total
Alabama	2,233	3,738	7,680	9,314	8,441	49,748
Alaska	943	1,573	1,912	1,923	2,048	14,895
Arizona	1,818	2,421	2,837	4,562	5,514	29,684
Arkansas	1,930	3,049	5,836	7,077	7,792	41,527
California	38,508	43,750	52,476	50,624	79,521	520,959
Colorado	9,175	9,914	12,907	14,509	16,311	99,504
Connecticut	2,384	4,124	5,780	6,526	6,141	41,600
Delaware	492	848	1,391	1,459	1,333	8,557
District of Columbia	813	1,300	2,241	2,880	2,505	15,865
Florida	855	1,132	1,622	2,483	2,261	13,855
Georgia	3,988	6,066	10,642	18,984	20,480	105,436
Hawaii	49	49	52	52	53	578
Idaho	915	1,273	1,503	1,760	2,375	12,285
Illinois	20,309	42,577	55,062	74,820	89,316	473,788
Indiana	7,340	13,007	19,452	27,196	28,456	157,467
Iowa	5,042	8,645	9,305	11,793	14,069	78,260
Kansas	3,909	5,723	9,695	11,162	14,232	74,156
Kentucky	2,432	3,700	7,501	10,988	12,504	62,533
Louisiana	2,406	3,688	6,564	8,758	9,479	52,981
Maine	48	81	112	139	130	894
Maryland	3,663	6,096	9,481	13,229	12,356	76,688
Massachusetts	6,173	10,943	15,009	17,341	15,861	119,642
Michigan	21,130	35,498	48,736	58,980	57,538	364,588
Minnesota	6,014	11,358	15,544	19,843	21,092	122,249
Mississippi	1,141	1,714	3,681	4,840	4,870	27,086
Missouri	6,829	9,401	16,040	22,448	23,366	122,566
Montana	1,261	1,792	2,435	2,392	3,064	18,714
Nebraska	2,893	4,177	5,876	6,978	7,943	44,397
Nevada	1,568	2,156	2,189	3,102	3,927	21,263
New Hampshire	376	688	917	1,024	1,013	6,572
New Jersey	9,610	17,813	26,451	34,811	31,610	216,873
New Mexico	1,697	2,234	2,641	3,883	5,221	30,868
New York	23,410	38,333	52,695	60,778	56,727	385,408
North Carolina	1,896	3,670	6,965	9,700	9,132	47,451
North Dakota	703	1,185	1,512	1,704	1,803	10,661
Ohio	16,686	30,710	43,458	58,624	59,816	343,331
Oklahoma	3,974	5,216	10,075	11,328	12,740	69,211
Oregon	2,049	2,784	3,534	3,658	5,119	28,848
Pennsylvania	12,818	23,594	34,475	44,356	40,681	268,405
Rhode Island	1,157	1,776	2,550	2,811	2,539	17,384
South Carolina	746	1,584	3,604	5,128	4,919	23,486
South Dakota	774	1,242	1,805	1,848	2,006	12,056
Tennessee	2,053	3,358	8,021	11,948	11,742	57,334
Texas	11,346	14,980	25,831	29,189	36,599	213,433
Utah	2,965	4,336	5,407	6,009	7,769	48,922
Vermont	136	266	333	372	352	2,438
Virginia	2,821	4,861	8,858	12,556	11,468	65,176
Washington	3,090	5,069	6,884	7,035	9,026	53,144
West Virginia	1,751	3,128	4,528	6,475	5,694	35,201
Wisconsin	5,798	12,172	15,779	20,684	22,160	128,175
Wyoming	1,048	1,249	1,513	1,558	2,121	11,564
Total	263,164	420,041	601,196	751,639	813,239	4,847,702

NA = Not Available.

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

Source: Form EIA-857.

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

State	YTD 1996	YTD 1995	YTD 1994	1996		
				July	June	May
Alabama	20,096	16,792	17,709	1,190	1,251	1,789
Alaska	15,479	14,801	12,525	1,125	1,247	1,558
Arizona	18,267	18,222	18,370	1,799	2,018	2,133
Arkansas	21,154	18,004	18,961	1,057	1,052	1,520
California	134,699	169,717	164,791	17,104	15,712	16,286
Colorado	NA	46,030	43,992	NA	3,064	4,445
Connecticut	25,796	25,058	26,537	1,967	1,745	2,247
Delaware	4,706	3,807	4,012	203	246	384
District of Columbia	10,395	11,430	9,785	800	824	1,233
Florida	26,260	25,039	24,699	2,843	3,038	3,346
Georgia	40,063	34,216	34,927	2,786	2,553	3,368
Hawaii	1,279	1,308	1,287	174	175	171
Idaho	7,423	7,403	6,094	348	479	712
Illinois	133,071	125,626	130,319	5,451	5,718	9,669
Indiana	NA	51,394	51,658	2,319	2,804	4,522
Iowa	34,491	31,311	31,747	1,213	1,630	2,576
Kansas	NA	33,912	32,921	2,535	2,315	4,146
Kentucky	26,220	23,119	24,954	1,057	1,078	1,541
Louisiana	17,654	15,349	16,377	1,284	1,519	1,684
Maine	NA	1,497	1,576	74	NA	137
Maryland	NA	28,731	28,960	NA	NA	NA
Massachusetts	59,785	52,082	60,047	3,741	4,356	6,044
Michigan	133,697	118,403	127,072	5,736	6,405	12,245
Minnesota	62,709	55,548	54,736	2,360	3,051	5,355
Mississippi	NA	12,939	12,954	NA	NA	1,254
Missouri	49,092	43,405	48,226	2,303	2,377	3,553
Montana	9,327	8,278	7,863	403	508	861
Nebraska	NA	25,127	24,478	NA	NA	NA
Nevada	12,467	12,246	11,517	1,101	1,259	1,422
New Hampshire	NA	4,258	4,550	172	NA	399
New Jersey	98,597	89,420	90,583	5,678	5,697	8,016
New Mexico	17,366	16,462	14,323	1,510	1,716	1,513
New York	NA	NA	149,396	NA	NA	NA
North Carolina	29,082	25,596	25,943	1,531	1,717	2,132
North Dakota	8,037	7,464	7,217	294	528	747
Ohio	127,852	111,006	117,192	4,658	7,630	8,916
Oklahoma	29,959	25,259	25,662	1,643	1,680	2,064
Oregon	16,353	14,537	14,059	966	1,303	1,751
Pennsylvania	102,089	85,559	94,462	4,275	5,395	7,912
Rhode Island	8,133	8,391	8,151	419	445	757
South Carolina	13,274	11,731	11,683	921	1,162	1,414
South Dakota	NA	6,741	6,678	NA	386	620
Tennessee	NA	35,989	34,838	1,959	NA	NA
Texas	137,376	134,260	117,026	13,486	14,437	16,773
Utah	17,924	16,624	15,102	907	895	1,356
Vermont	1,897	1,721	1,846	68	98	155
Virginia	37,538	35,462	34,352	2,575	3,004	3,416
Washington	30,677	27,587	26,130	1,866	2,679	3,305
West Virginia	20,052	15,404	16,843	1,369	1,121	1,567
Wisconsin	NA	50,344	51,932	NA	NA	5,096
Wyoming	NA	7,066	5,912	NA	NA	NA
Total	2,115,153	1,906,184	1,922,974	128,598	141,947	190,004

See footnotes at end of table.

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

State	1996				1995	
	April	March	February	January	Total	December
Alabama	2,863	3,710	4,770	4,524	26,126	3,479
Alaska	2,084	2,778	3,592	3,096	24,964	3,190
Arizona	2,538	3,007	3,145	3,627	28,309	2,821
Arkansas	2,965	3,896	5,249	5,416	28,083	4,449
California	17,260	21,607	23,193	23,538	277,512	26,301
Colorado	NA	8,937	10,427	10,418	67,829	7,399
Connecticut	3,528	4,844	5,472	5,993	36,703	4,188
Delaware	694	889	1,186	1,104	5,588	833
District of Columbia	1,893	1,537	1,952	2,156	17,047	2,195
Florida	3,933	4,173	4,280	4,648	40,587	3,906
Georgia	5,465	7,657	8,524	9,709	56,420	7,942
Hawaii	189	182	190	198	2,199	177
Idaho	997	1,364	1,786	1,737	11,032	1,301
Illinois	17,327	26,510	32,463	35,932	204,513	30,628
Indiana	NA	11,991	13,926	15,950	82,592	12,952
Iowa	4,551	7,057	8,294	9,170	50,262	7,653
Kansas	6,313	NA	10,064	11,643	66,365	11,223
Kentucky	3,336	5,570	6,122	7,515	38,376	6,298
Louisiana	2,405	3,035	3,747	3,980	23,783	2,563
Maine	208	356	386	413	2,426	389
Maryland	3,916	5,758	6,633	7,841	46,837	7,545
Massachusetts	8,945	11,118	12,630	12,951	82,591	11,977
Michigan	19,518	27,609	30,085	32,098	187,581	28,860
Minnesota	9,032	12,803	13,870	16,238	98,638	14,331
Mississippi	NA	2,553	3,333	3,512	20,205	2,717
Missouri	6,713	9,530	11,795	12,821	65,655	9,382
Montana	1,331	1,761	2,277	2,186	13,387	1,884
Nebraska	NA	NA	NA	NA	NA	NA
Nevada	1,772	2,223	2,267	2,422	18,675	1,864
New Hampshire	654	963	1,118	1,151	6,514	989
New Jersey	14,342	18,924	22,520	23,419	139,682	21,086
New Mexico	2,529	2,615	3,387	4,095	26,154	3,187
New York	NA	NA	NA	NA	NA	30,575
North Carolina	4,052	5,244	6,946	7,460	39,815	5,611
North Dakota	1,256	1,500	1,862	1,850	12,942	1,712
Ohio	16,747	26,511	29,576	33,814	173,528	27,197
Oklahoma	4,137	5,282	7,545	7,609	37,933	4,975
Oregon	2,058	2,898	3,903	3,475	23,370	2,835
Pennsylvania	13,712	20,774	23,687	26,335	143,823	23,306
Rhode Island	996	1,605	1,918	1,993	12,471	1,494
South Carolina	1,845	2,146	2,725	3,062	18,831	2,385
South Dakota	1,060	1,488	1,686	1,823	10,535	1,433
Tennessee	NA	7,255	9,109	9,588	53,174	5,496
Texas	20,006	26,005	20,200	26,470	223,144	28,940
Utah	2,480	3,130	4,605	4,550	26,857	3,729
Vermont	282	384	449	462	NA	409
Virginia	5,071	7,242	7,888	8,342	56,469	8,139
Washington	4,158	5,464	6,868	6,337	43,170	5,290
West Virginia	2,528	3,460	4,031	5,976	23,931	3,402
Wisconsin	7,538	12,333	13,920	16,012	83,209	13,436
Wyoming	NA	NA	NA	NA	NA	NA
Total	295,842	402,742	456,499	499,523	3,095,478	430,218

See footnotes at end of table.

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

State	1995					
	November	October	September	August	July	June
Alabama	2,218	1,351	1,159	1,127	1,162	1,255
Alaska	2,460	1,846	1,366	1,301	1,325	1,489
Arizona	2,072	1,717	1,656	1,822	1,844	2,022
Arkansas	2,307	1,203	1,078	1,042	1,031	1,179
California	22,948	20,834	19,597	18,115	20,313	19,092
Colorado	5,795	4,002	2,249	2,354	2,676	4,122
Connecticut	2,802	1,512	1,275	1,868	1,677	1,914
Delaware	378	204	201	165	178	219
District of Columbia	1,117	795	766	745	820	885
Florida	3,188	2,855	2,832	2,766	2,985	2,945
Georgia	5,632	3,381	2,459	2,790	2,544	2,633
Hawaii	178	179	179	178	186	188
Idaho	998	591	392	346	361	488
Illinois	22,366	11,981	7,134	6,779	6,192	6,314
Indiana	9,110	4,188	2,614	2,335	2,244	2,453
Iowa	5,575	2,941	1,658	1,122	1,278	1,447
Kansas	4,396	2,130	9,787	4,916	2,610	2,173
Kentucky	4,718	1,890	1,249	1,102	1,138	1,063
Louisiana	1,825	1,411	1,328	1,308	1,216	1,542
Maine	254	129	86	71	70	77
Maryland	4,862	1,917	2,062	1,720	1,610	1,992
Massachusetts	7,598	4,035	3,540	3,359	3,406	3,935
Michigan	19,101	9,405	6,159	5,653	5,580	6,310
Minnesota	9,917	5,471	6,485	6,886	2,221	2,627
Mississippi	1,787	814	697	1,252	953	1,097
Missouri	5,791	2,794	2,170	2,114	2,128	2,383
Montana	1,443	892	516	373	401	484
Nebraska	NA	NA	NA	4,744	3,868	1,753
Nevada	1,439	1,146	1,005	975	1,079	1,266
New Hampshire	619	285	197	165	188	227
New Jersey	11,734	6,367	5,732	5,343	5,640	5,642
New Mexico	2,396	1,500	1,353	1,256	1,199	1,600
New York	24,554	13,366	10,791	10,994	11,474	11,697
North Carolina	3,476	1,857	1,699	1,575	1,587	1,687
North Dakota	2,566	546	332	323	340	407
Ohio	18,497	7,857	4,594	4,378	4,664	4,946
Oklahoma	2,746	1,740	1,754	1,458	1,466	1,711
Oregon	2,136	2,005	979	879	959	1,160
Pennsylvania	20,176	6,713	4,171	3,898	3,891	4,392
Rhode Island	1,176	561	285	563	399	544
South Carolina	1,669	1,052	1,040	954	949	979
South Dakota	1,104	645	353	259	307	395
Tennessee	4,867	2,619	2,055	2,150	4,707	2,070
Texas	16,444	13,658	11,037	18,804	17,413	12,329
Utah	2,608	1,907	1,089	900	862	1,123
Vermont	242	NA	95	72	70	89
Virginia	5,676	2,658	2,095	2,439	2,372	2,565
Washington	4,064	2,320	2,244	1,665	1,761	2,193
West Virginia	1,427	1,527	1,131	1,040	985	1,043
Wisconsin	10,324	4,769	2,182	2,155	1,993	2,181
Wyoming	NA	NA	NA	370	447	595
Total	302,746	172,605	142,760	140,965	136,771	134,918

See footnotes at end of table.

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

State	1995					1994
	May	April	March	February	January	Total
Alabama	1,460	1,947	3,358	3,943	3,666	25,529
Alaska	1,603	2,362	2,896	2,727	2,400	20,698
Arizona	2,260	2,561	2,708	3,185	3,642	29,247
Arkansas	1,363	2,073	3,565	4,289	4,505	27,410
California	24,922	24,046	23,513	25,799	32,030	262,540
Colorado	5,864	6,513	7,881	9,280	9,694	65,938
Connecticut	2,627	3,517	4,963	5,239	5,121	39,084
Delaware	334	516	836	915	811	5,460
District of Columbia	1,159	1,609	2,090	2,585	2,282	14,742
Florida	3,071	3,445	3,921	4,379	4,294	40,003
Georgia	2,933	3,755	5,881	8,297	8,173	54,053
Hawaii	185	183	185	180	200	2,200
Idaho	708	952	1,818	1,320	1,755	10,098
Illinois	9,293	15,725	23,342	30,482	34,278	197,604
Indiana	4,055	6,547	9,544	13,096	13,453	75,878
Iowa	2,260	4,077	5,479	6,848	9,921	47,927
Kansas	3,379	4,260	5,763	7,377	8,350	52,263
Kentucky	1,682	2,097	4,464	6,211	6,464	36,746
Louisiana	1,577	1,840	2,748	3,211	3,215	24,207
Maine	128	211	288	373	350	2,381
Maryland	2,385	3,731	4,463	7,816	6,734	44,161
Massachusetts	5,308	7,699	9,961	11,352	10,421	84,537
Michigan	10,743	17,788	23,151	27,880	26,952	183,082
Minnesota	4,311	7,770	10,595	13,183	14,841	83,962
Mississippi	1,143	1,376	2,367	2,930	3,074	19,241
Missouri	3,580	4,982	8,169	10,879	11,283	66,196
Montana	866	1,236	1,641	1,580	2,070	12,987
Nebraska	2,374	2,985	4,061	4,799	5,286	38,955
Nevada	1,557	1,784	1,866	2,141	2,553	18,730
New Hampshire	369	632	864	999	979	6,412
New Jersey	8,369	12,453	17,705	20,433	19,178	132,013
New Mexico	2,401	2,183	2,452	2,522	4,106	25,025
New York	14,610	20,159	NA	29,551	28,571	223,309
North Carolina	1,884	3,286	4,517	6,420	6,216	38,948
North Dakota	669	1,138	1,461	1,653	1,797	10,791
Ohio	8,072	14,014	21,680	29,565	28,066	166,847
Oklahoma	2,261	2,852	4,988	5,802	6,180	36,660
Oregon	1,578	2,063	2,551	2,685	3,542	22,977
Pennsylvania	7,150	11,834	16,637	21,129	20,526	138,483
Rhode Island	872	1,309	1,822	1,835	1,610	12,050
South Carolina	1,043	1,380	2,101	2,651	2,628	17,872
South Dakota	636	1,035	1,298	1,472	1,598	10,280
Tennessee	2,465	3,400	6,179	8,618	8,549	50,766
Texas	17,898	19,469	22,468	21,092	23,590	180,277
Utah	1,677	2,432	2,951	3,329	4,249	26,553
Vermont	140	277	352	406	388	2,669
Virginia	3,363	4,568	6,471	8,114	8,009	52,963
Washington	2,875	3,939	5,042	5,310	6,468	43,137
West Virginia	1,368	1,970	2,710	3,786	3,542	24,979
Wisconsin	4,254	7,021	9,636	12,408	12,849	78,645
Wyoming	873	992	1,225	1,264	1,670	9,248
Total	187,956	255,997	345,074	413,340	432,129	2,896,764

NA = Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Deliveries for total year 1994 may not equal the sum of the twelve months. Gas volumes delivered for use as vehicle fuel are included in the annual total but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857.

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

State	YTD 1996	YTD 1995	YTD 1994	1996		
				July	June	May
Alabama	119,119	116,383	103,355	16,945	15,869	17,107
Alaska	42,463	39,984	33,003	6,577	6,268	5,808
Arizona	14,061	15,279	14,611	2,220	2,180	1,453
Arkansas	69,565	80,445	77,759	7,390	7,565	7,760
California	372,190	397,266	381,350	60,385	53,900	53,792
Colorado	NA	56,393	42,547	NA	6,322	6,610
Connecticut	17,991	20,522	17,618	2,286	2,457	2,467
Delaware	8,255	9,738	8,971	1,122	1,303	1,218
District of Columbia	0	0	0	0	0	0
Florida	79,048	79,285	70,480	11,536	10,973	12,808
Georgia	103,737	112,330	96,965	14,744	15,305	16,204
Hawaii	0	0	0	0	0	0
Idaho	NA	19,496	16,764	2,697	2,698	2,850
Illinois	199,451	185,458	183,061	19,184	21,342	25,431
Indiana	NA	167,623	159,100	20,014	42,099	9,872
Iowa	65,285	66,925	61,475	8,338	8,452	7,441
Kansas	68,165	76,300	106,127	10,107	10,047	8,043
Kentucky	54,624	54,524	48,086	6,091	8,771	6,452
Louisiana	588,110	609,802	568,013	83,834	85,451	87,685
Maine	NA	1,067	964	128	NA	148
Maryland	NA	29,578	26,404	NA	NA	5,767
Massachusetts	NA	65,763	55,046	7,271	NA	7,161
Michigan	216,420	199,791	195,894	25,124	26,274	28,608
Minnesota	63,281	60,245	53,764	7,953	8,542	8,463
Mississippi	NA	49,474	57,144	NA	NA	6,660
Missouri	42,763	38,731	39,731	4,101	4,671	5,306
Montana	9,914	9,990	7,593	1,218	1,174	1,286
Nebraska	NA	23,809	21,280	NA	1,938	2,133
Nevada	18,831	17,174	16,439	2,847	2,710	2,858
New Hampshire	NA	2,672	2,471	324	NA	424
New Jersey	109,123	121,091	114,806	13,522	13,725	14,226
New Mexico	11,607	11,026	10,262	1,554	1,585	1,373
New York	154,034	192,923	123,489	21,089	22,308	20,091
North Carolina	57,379	61,830	52,757	8,124	8,315	9,059
North Dakota	3,790	3,943	3,462	435	353	605
Ohio	211,519	197,635	182,517	22,822	29,395	26,441
Oklahoma	116,390	115,397	116,125	16,941	14,700	15,995
Oregon	47,368	39,305	35,553	7,327	6,795	7,304
Pennsylvania	156,967	145,979	135,964	16,943	18,268	19,584
Rhode Island	15,243	18,306	21,356	1,914	2,114	2,210
South Carolina	51,114	58,980	53,993	7,606	7,452	8,125
South Dakota	NA	4,023	3,002	NA	478	509
Tennessee	NA	71,588	70,926	9,888	10,177	NA
Texas	NA	1,047,744	1,087,563	166,509	170,840	NA
Utah	24,526	25,744	20,284	3,261	3,171	3,374
Vermont	1,056	1,276	1,133	106	152	175
Virginia	48,750	51,560	51,182	7,215	4,478	6,629
Washington	NA	62,271	59,599	8,949	7,684	NA
West Virginia	29,553	29,626	27,754	3,987	3,772	3,974
Wisconsin	89,627	88,443	82,197	8,482	9,125	10,717
Wyoming	NA	27,588	34,209	NA	NA	NA
Total	5,082,846	4,982,325	4,754,147	673,651	699,992	697,412

See footnotes at end of table.

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

State	1996				1995	
	April	March	February	January	Total	December
Alabama	17,467	17,510	17,110	17,111	201,381	17,354
Alaska	6,123	6,764	6,115	4,807	65,044	5,401
Arizona	2,027	2,127	1,903	2,152	25,333	2,094
Arkansas	9,395	12,225	12,109	13,121	138,799	12,004
California	52,408	49,323	51,577	50,804	687,287	56,206
Colorado	NA	7,196	9,416	7,087	90,100	8,158
Connecticut	2,809	3,036	2,777	2,159	34,780	3,496
Delaware	1,046	1,314	1,082	1,170	16,411	1,092
District of Columbia	0	0	0	0	0	0
Florida	11,548	11,663	10,950	9,571	132,348	10,661
Georgia	16,443	15,898	12,632	12,511	194,390	15,731
Hawaii	0	0	0	0	0	0
Idaho	2,856	3,206	3,062	NA	33,491	3,142
Illinois	28,023	32,575	33,464	39,431	322,296	35,637
Indiana	NA	26,126	25,586	28,214	280,564	27,462
Iowa	9,739	10,450	9,739	11,126	117,560	10,893
Kansas	8,982	9,669	10,589	10,728	130,162	10,351
Kentucky	7,302	8,478	7,906	9,625	92,016	8,799
Louisiana	87,235	83,507	86,417	73,982	1,030,240	80,990
Maine	134	159	164	171	1,993	169
Maryland	4,971	4,662	3,294	3,656	48,924	2,847
Massachusetts	8,256	8,627	6,960	8,908	108,549	9,857
Michigan	31,012	35,451	35,465	34,486	331,542	32,641
Minnesota	10,138	10,632	8,347	9,208	94,128	9,481
Mississippi	NA	7,296	7,076	6,417	79,790	7,011
Missouri	6,434	7,065	7,224	7,961	64,978	6,068
Montana	1,311	1,497	1,563	1,865	17,848	1,841
Nebraska	2,598	2,881	2,688	2,852	39,932	2,894
Nevada	2,524	2,649	2,545	2,699	29,851	2,631
New Hampshire	400	390	330	357	4,578	346
New Jersey	17,426	15,569	16,487	18,169	206,671	18,748
New Mexico	1,698	1,562	1,911	1,924	18,708	1,766
New York	23,851	20,787	23,933	21,976	NA	31,657
North Carolina	8,670	8,975	6,916	7,319	107,013	8,159
North Dakota	609	630	578	581	NA	629
Ohio	28,938	31,348	33,710	38,866	339,374	35,841
Oklahoma	15,078	17,754	16,829	19,093	197,792	15,470
Oregon	5,970	6,376	6,164	7,431	70,810	6,418
Pennsylvania	20,831	22,803	22,032	36,506	244,794	21,548
Rhode Island	2,087	1,833	1,647	3,438	34,892	3,516
South Carolina	8,163	7,564	6,225	5,979	99,206	6,963
South Dakota	550	1,684	698	629	7,063	714
Tennessee	NA	10,061	10,371	12,188	124,890	10,285
Texas	173,580	181,980	NA	187,313	1,812,437	162,401
Utah	3,435	3,636	3,721	3,928	42,434	3,774
Vermont	133	223	148	119	2,226	262
Virginia	5,952	9,912	7,239	7,326	96,277	9,802
Washington	8,821	9,105	9,791	10,052	NA	9,415
West Virginia	4,024	4,407	4,128	5,261	51,558	4,522
Wisconsin	13,095	16,120	14,918	17,170	152,927	16,728
Wyoming	NA	NA	NA	NA	NA	NA
Total	723,421	758,660	744,880	784,830	8,518,117	759,554

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	1995					
	November	October	September	August	July	June
Alabama	16,933	16,840	16,275	17,597	16,997	16,513
Alaska	4,835	4,526	4,422	5,876	5,514	6,206
Arizona	2,042	2,036	1,942	1,939	1,824	2,038
Arkansas	12,087	11,997	10,701	11,564	11,027	10,744
California	55,397	59,245	59,615	59,558	60,533	57,885
Colorado	6,619	5,560	6,983	6,386	6,597	8,096
Connecticut	3,165	2,531	2,557	2,509	3,390	2,419
Delaware	1,376	1,427	1,373	1,405	1,258	1,476
District of Columbia	0	0	0	0	0	0
Florida	11,280	10,735	9,920	10,468	10,953	10,364
Georgia	16,669	16,498	14,556	18,606	17,391	15,765
Hawaii	0	0	0	0	0	0
Idaho	2,955	3,122	2,478	2,299	2,357	2,833
Illinois	32,290	25,159	22,054	21,698	19,881	21,300
Indiana	25,210	21,434	19,340	19,495	18,385	19,058
Iowa	10,731	10,646	9,082	9,283	8,851	9,089
Kansas	10,981	8,727	8,258	15,545	11,303	8,741
Kentucky	8,142	7,610	6,508	6,432	6,030	6,567
Louisiana	81,937	86,597	84,788	86,126	87,291	84,407
Maine	242	199	155	161	136	155
Maryland	4,020	4,676	3,367	4,436	4,232	4,067
Massachusetts	9,073	7,507	7,782	8,566	8,660	9,537
Michigan	28,138	24,996	22,514	23,462	22,444	24,600
Minnesota	8,288	8,579	4,073	3,463	8,025	7,321
Mississippi	7,052	5,157	4,559	6,537	6,526	6,625
Missouri	5,892	5,198	4,617	4,473	4,057	4,291
Montana	1,766	1,652	1,296	1,303	1,278	1,269
Nebraska	3,744	2,810	3,150	3,524	4,055	2,960
Nevada	2,545	2,313	2,571	2,617	2,542	2,486
New Hampshire	448	414	348	351	361	364
New Jersey	17,500	16,163	16,555	16,614	16,571	13,838
New Mexico	1,736	841	1,527	1,811	1,416	1,226
New York	26,949	NA	24,085	24,433	24,853	23,975
North Carolina	9,267	9,396	9,028	9,332	8,327	9,072
North Dakota	2,359	NA	413	431	473	478
Ohio	31,069	27,014	24,177	23,638	22,331	22,476
Oklahoma	16,820	16,921	15,416	17,769	14,739	16,472
Oregon	8,705	5,218	5,246	5,918	5,371	5,236
Pennsylvania	23,278	18,539	17,644	17,806	17,512	17,859
Rhode Island	3,744	2,044	3,578	3,704	2,129	1,753
South Carolina	8,287	8,338	8,138	8,498	7,836	9,437
South Dakota	743	561	482	540	508	563
Tennessee	10,385	10,350	11,245	11,038	6,492	10,179
Texas	155,020	159,097	149,679	138,496	160,689	145,210
Utah	3,386	3,404	3,124	3,003	2,898	3,003
Vermont	228	187	118	154	156	162
Virginia	7,038	7,332	8,591	11,955	8,880	7,735
Washington	9,635	NA	NA	9,474	7,695	7,611
West Virginia	4,835	4,530	3,986	4,059	3,688	3,853
Wisconsin	14,955	11,814	10,128	10,859	9,387	9,071
Wyoming	NA	NA	NA	3,828	3,783	3,902
Total	735,299	699,998	661,902	679,040	677,628	660,286

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	1995					1994
	May	April	March	February	January	Total
Alabama	16,331	15,926	17,381	16,227	17,009	181,718
Alaska	5,344	5,705	6,443	4,957	5,815	61,404
Arizona	2,251	2,320	2,636	2,120	2,090	25,869
Arkansas	11,321	10,834	12,138	11,544	12,837	133,921
California	59,522	60,716	52,610	48,562	57,438	656,751
Colorado	7,884	8,284	8,094	8,381	9,057	71,093
Connecticut	2,493	2,938	3,381	2,961	2,941	30,647
Delaware	1,778	1,538	1,335	1,115	1,238	17,216
District of Columbia	0	0	0	0	0	0
Florida	11,558	11,557	12,000	10,943	11,910	126,873
Georgia	16,348	17,886	15,985	13,077	15,877	173,901
Hawaii	0	0	0	0	0	0
Idaho ^a	2,807	2,844	2,378	2,938	3,339	29,781
Illinois	23,769	25,564	28,686	32,738	33,520	305,092
Indiana	21,150	23,243	26,226	26,032	33,528	270,128
Iowa	9,644	9,954	10,448	9,931	9,008	108,731
Kansas	11,851	10,620	11,115	8,467	14,204	187,979
Kentucky	7,092	7,576	8,616	9,262	9,381	83,081
Louisiana	88,572	89,454	84,735	82,889	92,454	999,034
Maine	171	182	150	137	136	1,771
Maryland	4,599	4,360	5,406	3,534	3,380	47,691
Massachusetts	7,810	9,380	10,422	10,083	9,870	92,798
Michigan	26,509	30,789	31,967	31,332	32,151	327,848
Minnesota	7,635	8,454	8,784	9,090	10,936	94,468
Mississippi	7,111	6,514	7,595	7,160	7,944	96,863
Missouri	4,794	5,195	6,302	6,699	7,392	71,602
Montana	1,466	1,538	1,637	1,259	1,543	13,940
Nebraska	3,214	3,283	3,434	3,231	3,632	36,960
Nevada	2,690	2,238	2,264	2,256	2,698	28,867
New Hampshire	408	503	441	281	314	4,471
New Jersey	16,325	18,433	18,234	18,601	19,089	190,845
New Mexico	1,242	1,429	1,541	1,399	2,775	18,741
New York	24,069	27,675	31,093	30,980	30,278	214,438
North Carolina	8,708	8,507	9,563	8,345	9,308	94,838
North Dakota	530	561	648	625	629	5,846
Ohio	24,864	27,891	31,444	34,194	34,435	311,123
Oklahoma	15,615	14,824	17,101	15,503	21,142	195,909
Oregon	5,617	5,543	5,875	5,550	6,113	62,569
Pennsylvania	18,620	21,100	23,255	23,168	24,464	236,417
Rhode Island	3,036	3,054	2,753	2,613	2,968	40,921
South Carolina	8,954	8,702	10,075	6,975	7,001	97,500
South Dakota	577	591	546	639	598	5,508
Tennessee	8,103	12,729	11,194	11,113	11,777	118,889
Texas	166,400	152,773	148,741	132,192	141,740	1,829,478
Utah	3,456	3,507	3,453	3,966	5,460	36,618
Vermont	177	199	192	181	210	2,023
Virginia	7,829	7,018	6,267	6,210	7,621	85,764
Washington	7,833	9,432	9,775	9,280	10,646	107,603
West Virginia	4,220	4,126	4,649	4,370	4,720	46,774
Wisconsin	10,565	12,995	14,438	15,506	16,481	135,106
Wyoming	3,863	4,115	3,569	3,910	4,446	60,566
Total	706,724	724,602	737,016	702,525	773,543	8,177,975

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

NA = Not Available.

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

Source: Form EIA-857.

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

State	YTD 1996	YTD 1995	YTD 1994	1996		
				July	June	May
Alabama	3,693	3,804	2,035	1,457	932	841
Alaska	18,332	17,254	15,766	2,514	2,613	2,595
Arizona	9,329	9,435	12,211	3,286	1,942	1,048
Arkansas	22,640	17,357	12,881	7,029	5,729	4,348
California	155,227	196,793	310,088	42,047	23,710	18,674
Colorado	2,300	2,233	2,840	494	319	427
Connecticut	3,336	13,911	979	1,409	952	596
Delaware	12,889	14,706	7,901	2,342	2,727	1,191
District of Columbia	0	0	0	0	0	0
Florida	157,056	179,333	97,646	29,468	28,343	31,478
Georgia	3,714	4,286	701	1,514	1,011	1,001
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	15,819	21,472	20,107	4,369	4,210	2,565
Indiana	2,928	4,257	5,398	483	746	507
Iowa	2,237	1,651	1,571	355	546	436
Kansas	14,455	14,878	15,300	4,884	4,179	1,669
Kentucky	1,221	433	227	249	236	237
Louisiana	153,295	184,589	145,702	35,959	32,610	27,082
Maine	0	0	0	0	0	0
Maryland	4,057	9,527	7,117	1,273	1,279	981
Massachusetts	15,523	36,925	15,482	3,477	3,620	2,446
Michigan	17,756	17,636	9,906	2,767	3,066	2,617
Minnesota	2,785	4,600	2,883	690	699	273
Mississippi	45,767	66,226	34,083	10,509	12,011	8,495
Missouri	3,541	6,922	2,174	1,152	1,012	803
Montana	213	148	235	45	52	8
Nebraska	1,679	1,299	2,290	348	466	321
Nevada	26,447	21,349	16,844	6,552	4,807	4,277
New Hampshire	2	1,568	832	0	0	0
New Jersey	15,230	25,031	25,801	4,441	4,211	1,987
New Mexico	16,575	20,162	18,469	3,481	2,899	3,071
New York	66,936	143,147	86,184	18,789	16,792	13,150
North Carolina	1,996	1,139	819	766	803	378
North Dakota	1	1	2	0	1	0
Ohio	1,598	3,214	2,289	312	477	427
Oklahoma	80,147	89,788	83,568	19,748	17,720	12,330
Oregon	2,339	8,170	11,207	2,339	0	0
Pennsylvania	2,726	14,567	4,534	676	592	507
Rhode Island	13,384	115	525	2,031	2,047	2,013
South Carolina	734	2,192	560	239	279	189
South Dakota	351	364	72	155	174	2
Tennessee	252	755	835	130	78	15
Texas	645,740	620,151	612,091	136,076	115,308	116,249
Utah	1,599	4,688	3,513	810	228	8
Vermont	10	70	93	3	4	0
Virginia	5,911	9,859	9,570	1,704	1,534	861
Washington	601	1,326	163	451	0	1
West Virginia	118	255	144	11	21	9
Wisconsin	3,291	4,663	2,280	532	773	697
Wyoming	12	84	76	0	0	0
Total	1,555,780	1,802,243	1,605,991	357,368	301,759	266,809

See footnotes at end of table.

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

State	1996				1995	
	April	March	February	January	Total	December
Alabama	112	134	125	92	7,377	107
Alaska	2,434	2,763	2,573	2,839	29,809	2,528
Arizona	828	649	550	1,025	18,846	510
Arkansas	3,663	1,181	433	258	32,750	813
California	18,202	13,728	15,742	23,123	394,698	23,944
Colorado	246	317	305	193	3,798	259
Connecticut	298	28	27	26	19,310	44
Delaware	1,291	1,742	939	2,657	27,010	1,964
District of Columbia	0	0	0	0	0	0
Florida	21,801	15,876	13,992	16,097	318,854	17,056
Georgia	61	98	15	13	7,834	17
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	2,103	856	421	1,296	39,143	2,782
Indiana	248	233	337	373	8,349	671
Iowa	289	274	162	176	3,614	145
Kansas	728	726	701	1,568	27,945	1,090
Kentucky	139	119	56	186	866	170
Louisiana	13,556	15,080	14,146	14,863	322,923	16,716
Maine	0	0	0	0	0	0
Maryland	220	126	69	109	18,833	140
Massachusetts	2,108	1,485	1,435	952	64,623	1,732
Michigan	2,011	2,100	2,214	2,981	35,784	3,540
Minnesota	342	351	200	229	8,292	255
Mississippi	4,734	3,311	2,838	3,868	111,229	6,426
Missouri	184	111	134	146	12,830	234
Montana	4	37	23	43	388	27
Nebraska	202	139	80	123	3,059	265
Nevada	2,737	2,474	2,488	3,113	40,134	2,686
New Hampshire	0	0	0	0	2,248	0
New Jersey	647	483	1,291	2,171	45,897	2,199
New Mexico	1,997	2,383	861	1,883	31,924	1,842
New York	5,595	5,703	3,392	3,514	246,265	8,774
North Carolina	3	3	9	35	3,146	66
North Dakota	0	0	0	0	1	0
Ohio	46	58	90	187	7,459	315
Oklahoma	7,340	7,490	6,910	8,610	154,114	9,251
Oregon	0	0	0	0	19,136	455
Pennsylvania	262	225	120	344	24,697	267
Rhode Island	1,700	2,395	1,523	1,674	5,002	2,061
South Carolina	9	9	5	4	6,615	12
South Dakota	3	6	10	1	931	26
Tennessee	0	29	0	0	2,055	0
Texas	72,922	72,619	61,382	71,184	1,047,274	61,416
Utah	128	137	151	138	8,707	188
Vermont	2	0	0	1	138	48
Virginia	107	201	505	998	16,414	761
Washington	0	57	26	65	6,356	12
West Virginia	16	13	16	33	410	23
Wisconsin	229	353	271	436	9,289	610
Wyoming	0	0	5	7	128	8
Total	169,547	156,102	136,567	167,628	3,196,379	172,449

See footnotes at end of table.

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

State	1995					
	November	October	September	August	July	June
Alabama	226	260	418	2,562	1,830	623
Alaska	2,436	2,350	2,536	2,706	2,333	2,319
Arizona	502	375	2,738	5,286	3,821	1,027
Arkansas	622	2,059	4,391	7,508	5,596	4,070
California	30,266	34,916	50,120	58,660	39,441	18,651
Colorado	230	341	377	358	326	447
Connecticut	928	1,000	1,077	2,352	2,810	2,202
Delaware	2,478	2,356	2,341	3,165	3,692	1,730
District of Columbia	0	0	0	0	0	0
Florida	25,857	30,486	33,168	32,954	32,565	33,287
Georgia	63	184	235	3,049	2,478	706
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	3,216	1,456	1,228	8,989	5,877	4,308
Indiana	623	246	166	2,386	1,581	616
Iowa	129	215	278	1,196	609	355
Kansas	1,050	629	2,281	8,016	6,111	2,590
Kentucky	124	30	23	87	66	33
Louisiana	21,614	26,302	31,977	41,725	40,415	35,649
Maine	0	0	0	0	0	0
Maryland	435	632	2,163	5,936	4,585	1,568
Massachusetts	3,431	5,658	7,340	9,537	9,270	8,232
Michigan	3,217	2,521	2,961	5,909	3,120	3,035
Minnesota	456	562	719	1,700	1,070	931
Mississippi	5,181	6,374	10,892	16,129	14,618	12,311
Missouri	500	416	808	3,949	2,974	1,150
Montana	32	16	26	141	60	47
Nebraska	269	246	198	782	483	211
Nevada	2,463	3,138	4,522	5,977	5,316	3,222
New Hampshire	9	2	122	547	627	528
New Jersey	2,576	2,133	3,362	10,598	10,649	3,563
New Mexico	2,025	1,917	2,286	3,692	3,727	2,839
New York	16,690	19,517	22,888	35,249	34,476	25,784
North Carolina	114	194	123	1,509	532	158
North Dakota	0	0	0	0	0	0
Ohio	402	179	555	2,794	1,745	504
Oklahoma	7,826	8,438	13,154	25,658	22,707	15,774
Oregon	1,700	2,940	2,940	2,932	1,132	0
Pennsylvania	380	1,527	2,953	5,002	4,538	3,276
Rhode Island	1,571	426	545	284	108	7
South Carolina	10	1,064	1,441	1,897	825	471
South Dakota	35	32	26	449	230	98
Tennessee	0	0	49	1,251	682	73
Texas	55,785	75,055	97,312	137,556	129,947	103,034
Utah	452	865	1,245	1,270	146	175
Vermont	13	3	2	2	5	4
Virginia	1,209	1,191	1,223	2,171	1,408	213
Washington	268	1,134	2,554	1,062	88	21
West Virginia	40	45	18	29	23	36
Wisconsin	465	243	304	3,004	2,084	1,123
Wyoming	11	8	10	8	32	4
Total	197,916	239,672	316,086	468,014	406,726	297,003

See footnotes at end of table.

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

State	1995					1994
	May	April	March	February	January	Total
Alabama	293	209	321	244	284	3,834
Alaska	2,615	2,335	2,580	2,170	2,903	29,048
Arizona	707	1,002	969	783	1,126	23,716
Arkansas	3,167	2,243	1,738	239	303	24,977
California	18,187	25,880	30,550	26,826	37,257	601,290
Colorado	220	282	419	209	330	4,881
Connecticut	2,414	1,645	1,969	1,353	1,516	8,002
Delaware	1,236	2,145	2,358	1,782	1,761	17,399
District of Columbia	0	0	0	0	0	0
Florida	31,358	29,875	26,012	12,634	13,603	180,697
Georgia	629	231	82	82	79	1,028
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	1,406	1,759	4,034	2,472	1,615	34,505
Indiana	432	167	362	547	552	9,009
Iowa	123	246	126	78	114	2,696
Kansas	1,212	1,307	1,209	1,214	1,234	27,279
Kentucky	95	26	54	79	78	350
Louisiana	28,330	22,135	21,518	16,135	20,408	277,116
Maine	0	0	0	0	0	0
Maryland	538	535	448	1,191	661	12,718
Massachusetts	7,090	6,731	3,824	871	906	38,567
Michigan	2,465	2,752	2,895	1,736	1,635	18,218
Minnesota	729	464	356	577	473	5,826
Mississippi	10,347	6,102	7,581	7,331	7,935	82,541
Missouri	689	749	803	390	167	4,351
Montana	14	3	9	4	11	632
Nebraska	113	134	205	68	85	3,061
Nevada	3,051	1,928	2,922	3,000	1,907	32,246
New Hampshire	395	0	0	0	17	1,277
New Jersey	2,112	1,194	3,007	2,224	2,282	42,625
New Mexico	2,986	3,044	2,450	2,660	2,455	32,214
New York	20,520	16,880	18,594	12,171	14,721	182,521
North Carolina	195	168	74	13	0	871
North Dakota	0	0	0	0	0	3
Ohio	178	251	225	246	66	2,818
Oklahoma	12,758	12,326	10,292	6,975	8,956	153,109
Oregon	230	842	1,582	1,536	2,847	26,132
Pennsylvania	1,161	1,122	1,579	1,535	1,356	12,716
Rhode Island	0	0	0	0	0	546
South Carolina	185	7	695	3	7	3,005
South Dakota	7	6	1	19	3	159
Tennessee	0	0	0	0	0	1,019
Texas	97,077	79,847	90,229	55,302	64,715	1,049,205
Utah	848	900	904	771	944	8,900
Vermont	3	2	19	13	24	166
Virginia	1,248	1,093	1,639	2,128	2,131	19,219
Washington	8	8	108	228	865	2,461
West Virginia	39	80	20	23	34	243
Wisconsin	204	228	336	404	285	3,821
Wyoming	7	7	14	6	15	129
Total	257,614	228,881	245,097	168,268	198,654	2,987,146

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

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

Source: Form EIA-759.

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

State	YTD 1996	YTD 1995	YTD 1994	1996		
				July	June	May
Alabama	185,773	171,387	161,068	20,907	19,546	22,760
Alaska	86,192	81,651	70,472	10,709	10,776	10,926
Arizona	60,376	62,300	65,273	8,231	7,241	5,977
Arkansas	146,231	143,789	139,770	16,409	15,552	15,597
California	949,689	1,083,210	1,172,343	138,203	119,345	118,788
Colorado	NA	176,974	157,095	NA	14,298	18,826
Connecticut	77,737	86,865	76,034	6,750	6,428	7,613
Delaware	33,233	34,227	27,514	3,865	4,590	3,352
District of Columbia	22,806	22,072	21,638	1,216	1,412	2,050
Florida	274,063	293,497	202,515	44,590	43,143	48,651
Georgia	228,845	217,244	201,241	22,247	22,018	25,019
Hawaii	1,611	1,661	1,639	216	220	215
Idaho	37,982	35,601	30,378	3,344	3,719	4,537
Illinois	690,984	638,470	653,654	40,355	43,710	64,837
Indiana	361,100	325,487	327,300	26,084	50,159	23,811
Iowa	173,714	151,922	148,703	11,997	13,575	15,729
Kansas	185,420	173,723	204,109	19,373	18,304	17,170
Kentucky	128,398	117,566	116,083	8,535	11,619	10,525
Louisiana	800,871	844,566	768,387	122,922	121,576	119,037
Maine	NA	3,127	3,135	226	NA	339
Maryland	NA	116,834	117,008	NA	NA	13,065
Massachusetts	NA	226,324	217,542	17,317	NA	22,433
Michigan	640,495	575,841	592,615	41,276	46,354	68,081
Minnesota	221,455	200,214	195,222	13,549	15,946	21,319
Mississippi	NA	146,564	124,086	NA	NA	17,772
Missouri	242,762	173,670	182,169	11,697	13,329	19,223
Montana	33,634	30,585	27,188	2,141	2,487	3,594
Nebraska	NA	80,659	79,703	NA	NA	12,238
Nevada	72,594	65,599	58,410	11,279	9,787	9,821
New Hampshire	NA	12,901	12,672	656	NA	1,252
New Jersey	370,579	366,402	385,920	27,939	29,465	34,945
New Mexico	68,112	65,410	60,963	8,254	7,994	6,605
New York	NA	736,568	637,064	NA	NA	72,634
North Carolina	131,409	122,013	114,008	11,325	12,065	13,737
North Dakota	20,333	18,937	18,286	942	1,281	2,170
Ohio	589,003	536,749	545,344	35,154	47,852	53,514
Oklahoma	280,527	277,853	275,499	39,957	36,086	33,704
Oregon	87,980	81,049	78,906	11,471	9,483	11,327
Pennsylvania	449,988	414,260	428,131	27,502	32,101	41,646
Rhode Island	50,108	38,768	42,893	4,849	5,299	6,195
South Carolina	86,138	89,864	83,434	9,187	9,440	10,674
South Dakota	NA	19,275	17,879	NA	1,502	1,933
Tennessee	NA	148,054	148,989	13,135	NA	NA
Texas	2,173,793	1,935,201	1,963,137	323,305	308,438	325,826
Utah	76,271	76,883	66,185	6,511	5,645	6,991
Vermont	4,773	4,653	4,907	227	339	497
Virginia	145,013	140,554	141,302	13,008	11,122	13,490
Washington	134,895	125,577	118,870	12,890	12,989	16,063
West Virginia	75,673	68,116	70,207	5,955	5,728	7,197
Wisconsin	NA	226,224	223,803	NA	NA	24,510
Wyoming	NA	43,364	47,609	NA	NA	NA
Total	12,313,629	11,830,303	11,628,304	1,285,985	1,308,848	1,428,480

See footnotes at end of table.

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

State	1996				1995	
	April	March	February	January	Total	December
Alabama	26,857	29,525	33,394	32,783	285,297	28,743
Alaska	12,065	14,222	14,699	12,796	135,036	13,413
Arizona	7,571	9,185	9,865	12,306	99,299	8,569
Arkansas	20,876	23,457	26,518	27,822	241,793	24,481
California	123,629	136,946	148,586	164,192	1,839,782	163,197
Colorado	24,877	32,077	38,750	36,425	266,014	28,122
Connecticut	11,035	14,152	15,423	16,336	131,391	14,202
Delaware	4,160	5,467	5,148	6,652	57,322	5,097
District of Columbia	3,623	3,939	5,070	5,495	32,751	4,777
Florida	38,941	33,779	31,804	33,155	506,548	33,445
Georgia	31,837	41,789	40,573	45,361	373,571	44,802
Hawaii	238	234	241	247	2,772	223
Idaho	5,167	6,417	7,357	7,440	57,523	6,191
Illinois	90,660	131,306	147,547	172,569	1,068,508	150,712
Indiana	51,070	63,398	68,722	77,856	532,031	67,874
Iowa	23,316	32,685	35,463	40,949	258,226	35,389
Kansas	22,499	31,197	35,535	41,343	300,149	36,012
Kentucky	16,430	24,512	25,522	31,255	198,168	27,692
Louisiana	108,397	109,440	114,645	104,854	1,429,003	107,644
Maine	423	652	693	743	5,340	709
Maryland	16,389	22,465	24,437	27,741	190,948	23,435
Massachusetts	30,931	37,845	39,570	42,225	361,230	39,447
Michigan	92,774	122,725	131,357	137,928	928,194	125,325
Minnesota	31,835	42,599	44,751	51,456	330,017	45,740
Mississippi	15,598	16,998	19,124	19,940	237,368	20,299
Missouri	33,786	45,801	57,233	61,695	303,670	70,488
Montana	4,732	5,934	7,380	7,365	50,996	6,374
Nebraska	21,066	23,289	27,775	28,522	154,198	23,892
Nevada	8,917	10,249	10,564	11,978	109,347	9,538
New Hampshire	1,752	2,350	2,595	2,701	19,848	2,326
New Jersey	52,628	65,392	76,136	84,074	592,988	75,834
New Mexico	8,960	9,838	11,052	15,409	105,270	11,489
New York	94,352	112,834	121,666	130,765	1,181,739	127,858
North Carolina	18,980	21,737	25,785	27,780	199,699	22,478
North Dakota	3,212	3,768	4,598	4,362	32,435	4,029
Ohio	80,359	112,329	117,448	142,347	875,161	121,643
Oklahoma	34,237	40,672	45,755	50,118	457,708	39,492
Oregon	10,848	13,314	15,651	15,885	141,269	13,661
Pennsylvania	60,416	83,563	91,191	113,570	672,702	87,946
Rhode Island	6,613	8,498	8,208	10,446	69,708	9,621
South Carolina	12,986	13,425	14,833	15,593	149,815	13,782
South Dakota	2,979	5,043	4,615	4,801	31,002	3,982
Tennessee	NA	27,029	33,179	36,055	240,223	24,973
Texas	285,510	308,670	291,871	330,173	3,288,979	284,462
Utah	10,583	12,321	17,048	17,171	126,973	14,904
Vermont	685	962	1,015	1,049	7,323	1,072
Virginia	17,760	28,722	29,482	31,430	237,904	31,396
Washington	18,424	22,265	26,821	25,442	212,340	22,335
West Virginia	10,433	13,358	14,757	18,245	110,682	13,673
Wisconsin	33,610	49,087	51,627	58,974	381,417	53,734
Wyoming	NA	NA	NA	NA	NA	NA
Total	1,672,129	2,034,135	2,180,921	2,403,132	19,698,583	2,155,867

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	1995					
	November	October	September	August	July	June
Alabama	23,408	20,012	19,147	22,601	21,407	19,975
Alaska	11,143	9,588	8,911	10,331	9,705	10,693
Arizona	6,166	5,151	7,211	9,903	8,456	6,331
Arkansas	18,628	16,588	17,240	21,067	18,677	17,268
California	146,451	138,268	151,361	157,295	145,911	124,562
Colorado	21,507	15,565	12,222	11,625	12,982	18,785
Connecticut	10,318	6,510	5,890	7,606	8,915	7,918
Delaware	4,789	4,213	4,087	4,908	5,321	3,684
District of Columbia	2,364	1,247	1,167	1,124	1,251	1,357
Florida	41,349	44,756	46,661	46,839	47,231	47,355
Georgia	37,285	26,179	20,594	27,468	25,437	22,331
Hawaii	221	223	224	221	234	238
Idaho	5,316	4,340	3,174	2,900	3,056	3,860
Illinois	122,403	65,302	44,177	47,446	43,688	44,013
Indiana	53,188	32,729	25,719	27,032	25,284	25,816
Iowa	26,445	18,258	13,144	13,069	12,354	12,454
Kansas	23,195	14,904	22,128	30,188	21,856	15,585
Kentucky	22,321	12,699	9,135	8,755	8,457	8,806
Louisiana	109,716	116,358	119,888	130,831	130,659	123,792
Maine	600	376	272	256	231	260
Maryland	16,869	10,150	9,686	13,973	12,372	9,855
Massachusetts	29,186	21,144	21,317	23,813	23,970	25,297
Michigan	89,510	54,270	41,237	42,011	38,970	44,247
Minnesota	33,529	21,560	14,537	14,437	13,892	14,273
Mississippi	16,273	12,956	16,609	24,666	22,912	20,897
Missouri	23,488	12,664	10,431	12,929	12,028	11,484
Montana	5,422	3,879	2,484	2,252	2,261	2,502
Nebraska	18,971	10,925	9,817	9,933	9,415	6,472
Nevada	7,797	7,414	8,775	10,224	9,738	8,062
New Hampshire	1,626	955	842	1,198	1,335	1,344
New Jersey	50,617	32,259	30,785	37,091	37,800	28,667
New Mexico	9,213	5,590	5,988	7,581	7,083	7,007
New York	101,044	70,686	67,168	78,416	80,935	75,371
North Carolina	17,334	12,858	11,795	13,221	11,428	12,019
North Dakota	6,016	1,521	996	936	1,046	1,273
Ohio	90,706	52,297	36,689	37,078	35,805	36,461
Oklahoma	32,347	29,588	32,013	46,415	40,718	36,225
Oregon	15,053	11,271	9,853	10,382	8,270	7,480
Pennsylvania	70,726	37,810	30,242	31,718	31,511	32,187
Rhode Island	7,784	3,683	4,867	4,985	3,070	2,992
South Carolina	12,227	11,100	11,093	11,747	10,082	11,397
South Dakota	3,199	1,929	1,164	1,451	1,313	1,460
Tennessee	22,472	14,775	14,432	15,517	13,090	13,714
Texas	245,960	256,769	265,219	301,369	315,414	268,310
Utah	11,131	10,034	7,427	6,594	5,292	6,258
Vermont	660	397	270	271	279	333
Virginia	20,987	13,494	13,376	18,096	14,148	12,133
Washington	19,646	15,998	15,332	13,453	10,905	11,752
West Virginia	9,844	7,509	5,862	5,678	5,261	5,623
Wisconsin	42,380	23,819	16,547	18,713	16,161	15,861
Wyoming	NA	NA	NA	4,560	4,690	5,211
Total	1,726,922	1,328,895	1,254,424	1,402,173	1,352,308	1,251,249

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	1995					1994
	May	April	March	February	January	Total
Alabama	20,317	21,819	28,740	29,728	29,400	260,830
Alaska	10,504	11,976	13,831	11,776	13,166	126,045
Arizona	7,036	8,304	9,150	10,649	12,373	108,517
Arkansas	17,781	18,199	23,277	23,149	25,437	227,835
California	141,140	154,392	159,149	151,811	206,246	2,041,539
Colorado	23,142	24,993	29,302	32,379	35,392	241,416
Connecticut	9,918	12,224	16,093	16,080	15,719	119,334
Delaware	3,840	5,048	5,920	5,271	5,143	48,632
District of Columbia	1,973	2,909	4,331	5,464	4,787	30,607
Florida	46,841	46,008	43,555	30,439	32,068	361,428
Georgia	23,898	27,938	32,590	40,440	44,609	334,418
Hawaii	234	232	237	232	253	2,778
Idaho	4,430	5,070	5,699	6,017	7,469	52,164
Illinois	54,777	85,625	111,124	140,512	158,729	1,010,989
Indiana	32,978	42,964	55,584	66,871	75,990	512,482
Iowa	17,070	22,922	25,359	28,651	33,112	237,614
Kansas	20,352	21,908	27,782	28,219	38,020	341,677
Kentucky	11,302	13,399	20,635	26,541	28,427	182,710
Louisiana	120,884	117,117	115,564	110,993	125,556	1,353,337
Maine	347	474	550	649	616	5,045
Maryland	11,185	14,723	19,799	25,770	23,131	181,259
Massachusetts	26,381	34,754	39,216	39,647	37,058	335,544
Michigan	60,847	86,826	106,749	119,927	118,275	893,735
Minnesota	18,689	28,046	35,279	42,693	47,342	306,505
Mississippi	19,741	15,706	21,223	22,263	23,822	225,730
Missouri	15,892	20,327	31,314	40,417	42,207	264,715
Montana	3,607	4,569	5,722	5,235	6,689	46,274
Nebraska	8,594	10,579	13,577	15,076	16,946	123,373
Nevada	8,866	8,107	9,241	10,500	11,085	101,105
New Hampshire	1,548	1,824	2,222	2,304	2,324	18,732
New Jersey	36,416	49,894	65,396	76,069	72,159	582,356
New Mexico	8,325	8,890	9,084	10,463	14,558	106,849
New York	82,608	103,047	130,828	133,480	130,297	1,005,676
North Carolina	12,682	15,631	21,119	24,478	24,656	182,107
North Dakota	1,902	2,884	3,621	3,982	4,229	27,301
Ohio	49,800	72,866	96,806	122,628	122,384	824,119
Oklahoma	34,608	35,219	42,456	39,608	49,018	454,889
Oregon	9,474	11,232	13,542	13,430	17,622	140,526
Pennsylvania	39,749	57,649	75,947	90,188	87,028	656,021
Rhode Island	5,064	6,139	7,126	7,259	7,117	70,901
South Carolina	10,926	11,673	16,474	14,757	14,555	141,863
South Dakota	1,993	2,875	3,450	3,978	4,205	28,002
Tennessee	12,622	19,487	25,394	31,679	32,068	228,007
Texas	292,720	267,068	287,269	237,775	266,645	3,272,393
Utah	8,946	11,175	12,716	14,074	18,422	120,993
Vermont	456	744	896	971	974	7,297
Virginia	15,261	17,540	23,234	29,009	29,229	223,122
Washington	13,806	18,448	21,808	21,853	27,005	206,346
West Virginia	7,378	9,304	11,907	14,654	13,990	107,197
Wisconsin	20,821	32,416	40,189	49,001	51,775	345,748
Wyoming	5,790	6,364	6,321	6,737	8,251	81,507
Total	1,415,464	1,629,529	1,928,397	2,035,777	2,217,579	18,909,587

NA = Not Available.

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

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

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

(Dollars per Thousand Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996				
				July	June	May	April	March
Alabama	3.32	2.80	3.49	4.04	3.78	3.52	3.27	3.15
Alaska	1.58	1.69	1.63	1.54	1.57	1.56	1.58	1.60
Arizona	2.25	2.10	2.73	2.94	2.57	2.46	2.05	1.97
Arkansas	2.56	2.35	2.70	2.76	2.81	2.59	2.50	2.57
California	2.32	1.99	2.73	2.43	2.56	2.08	2.22	2.42
Colorado	NA	2.70	3.52	NA	2.40	2.50	NA	2.16
Connecticut	5.15	4.82	3.87	4.75	5.03	4.94	5.22	4.66
Delaware	3.52	2.61	3.11	4.22	3.44	3.03	3.75	3.80
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.68	2.58	3.00	3.58	3.31	3.39	3.98	3.83
Georgia	3.66	2.96	3.65	4.27	3.67	3.78	3.51	3.86
Hawaii	5.88	5.20	4.66	6.34	6.27	6.32	5.74	5.53
Idaho	2.22	2.24	2.57	5.26	3.39	2.28	2.21	2.12
Illinois	3.20	2.55	3.18	3.69	3.12	2.83	2.93	3.49
Indiana	NA	2.80	3.06	3.30	3.10	2.56	NA	3.27
Iowa	3.34	2.79	3.28	7.45	4.61	4.19	3.13	2.82
Kansas	3.00	2.24	2.96	3.57	3.99	3.41	3.45	2.72
Kentucky	3.16	2.90	3.31	3.07	3.08	3.83	3.50	2.92
Louisiana	3.14	2.11	2.77	3.01	2.71	2.65	3.06	3.27
Maine	NA	3.43	3.46	5.04	NA	5.32	5.34	4.01
Maryland	NA	2.82	3.48	NA	NA	NA	4.01	3.70
Massachusetts	3.79	3.42	4.07	5.53	6.99	4.46	3.97	3.32
Michigan	2.89	2.60	2.73	2.87	2.64	2.69	2.80	3.11
Minnesota	2.90	2.46	2.89	4.13	2.88	2.81	2.75	2.81
Mississippi	NA	2.36	2.95	NA	NA	2.69	3.75	3.37
Missouri	2.93	2.65	3.14	4.82	4.51	3.45	3.21	2.61
Montana	2.85	3.23	3.65	3.58	3.05	2.81	3.18	2.52
Nebraska	2.80	2.44	3.08	3.12	3.50	3.41	3.04	2.71
Nevada	2.89	2.83	3.41	3.44	3.37	3.68	3.32	2.64
New Hampshire	NA	3.38	3.71	5.03	NA	4.09	4.09	4.06
New Jersey	3.76	3.23	3.52	4.01	3.82	4.61	3.75	3.15
New Mexico	1.46	1.47	2.11	1.60	1.40	1.22	1.18	1.40
New York	NA	2.39	3.17	3.13	3.17	NA	3.40	3.03
North Carolina	3.69	2.93	3.42	3.75	3.75	3.69	3.92	3.60
North Dakota	2.74	2.70	3.30	2.90	2.78	2.64	2.62	2.45
Ohio	4.13	3.98	3.50	4.11	8.17	4.87	4.06	3.90
Oklahoma	2.54	2.66	2.57	2.51	2.40	2.61	2.53	2.58
Oregon	2.31	2.54	2.78	3.89	2.11	2.42	2.27	2.19
Pennsylvania	3.77	3.14	3.52	5.40	4.96	3.94	4.69	3.62
Rhode Island	3.27	3.37	4.28	7.46	0.53	5.06	3.53	3.85
South Carolina	3.92	3.25	3.80	4.01	3.56	3.96	3.96	3.94
South Dakota	NA	2.92	3.44	NA	3.96	2.92	2.63	2.84
Tennessee	NA	2.61	2.67	3.47	NA	NA	NA	3.56
Texas	3.15	3.03	3.05	3.12	3.01	2.91	3.22	3.08
Utah	2.16	3.23	3.12	2.15	2.12	1.93	1.98	2.34
Vermont	2.93	2.66	3.27	3.68	3.01	2.66	3.10	2.83
Virginia	3.73	2.95	3.52	4.52	4.93	3.94	3.38	3.61
Washington	NA	2.26	2.41	3.57	3.39	NA	2.23	1.99
West Virginia	3.38	2.79	3.36	3.53	3.28	3.89	3.26	3.24
Wisconsin	3.11	2.82	3.50	4.65	4.81	3.42	3.48	2.88
Wyoming	NA	2.76	3.21	NA	NA	NA	NA	NA
Total	3.21	2.77	3.18	3.51	3.33	3.21	3.25	3.16

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1996		1995					
	February	January	Total	December	November	October	September	August
Alabama	3.35	3.12	2.89	2.83	2.84	3.52	3.50	3.20
Alaska	1.60	1.56	1.67	1.67	1.66	1.63	1.62	1.57
Arizona	2.36	2.08	2.10	1.86	2.19	2.24	2.44	2.36
Arkansas	2.52	2.51	2.31	2.45	2.28	2.19	2.01	1.91
California	2.25	2.29	2.03	1.90	2.15	2.15	2.06	2.26
Colorado	2.18	2.08	2.65	2.60	2.56	2.41	2.89	3.84
Connecticut	5.37	5.55	4.78	5.45	4.13	4.27	4.80	5.30
Delaware	3.36	3.29	2.70	3.01	2.89	2.81	2.85	2.48
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.60	3.84	2.72	3.32	3.05	2.75	2.75	2.47
Georgia	3.36	3.70	2.96	2.95	2.82	3.02	3.48	2.78
Hawaii	5.49	5.60	5.20	4.65	5.43	5.90	5.78	4.25
Idaho	2.08	1.98	2.18	1.98	2.14	1.83	2.79	2.72
Illinois	3.75	2.66	2.59	2.53	2.32	2.94	3.58	3.02
Indiana	3.32	3.11	2.84	2.82	2.67	2.96	3.57	3.18
Iowa	3.37	2.90	2.82	2.73	2.63	2.84	3.41	3.48
Kansas	2.74	2.73	2.38	2.52	2.51	2.85	2.80	2.52
Kentucky	3.06	3.19	2.79	2.84	2.45	2.61	2.51	2.80
Louisiana	3.24	3.58	2.21	2.78	2.44	2.23	2.05	1.90
Maine	3.89	3.95	3.35	3.08	3.03	2.72	3.54	5.13
Maryland	3.23	3.82	2.87	2.68	2.71	3.44	3.95	3.25
Massachusetts	3.17	3.48	3.52	3.35	3.13	4.11	4.76	4.57
Michigan	2.91	3.14	2.60	2.81	2.56	2.54	2.59	2.50
Minnesota	2.61	2.91	2.51	2.65	2.50	2.43	2.63	2.84
Mississippi	3.07	3.49	2.53	3.23	2.71	2.77	2.43	2.21
Missouri	2.71	2.52	2.74	2.53	2.54	3.18	3.85	3.97
Montana	2.98	2.83	3.01	2.72	2.65	2.68	3.01	2.06
Nebraska	2.45	2.67	2.49	2.34	2.43	2.80	2.97	3.11
Nevada	2.75	2.51	2.77	2.48	2.62	2.64	3.23	3.06
New Hampshire	3.99	4.14	NA	NA	3.44	2.89	3.33	3.70
New Jersey	3.49	4.09	3.36	3.47	3.52	3.74	3.40	3.72
New Mexico	1.69	1.53	1.46	1.44	1.58	1.42	1.40	1.11
New York	3.19	3.48	2.47	2.98	2.61	2.53	2.32	2.12
North Carolina	3.66	3.62	2.96	2.95	2.77	2.98	3.64	3.24
North Dakota	2.82	2.94	NA	2.55	2.25	NA	2.49	1.95
Ohio	4.08	3.82	3.84	3.50	3.34	4.01	3.85	4.87
Oklahoma	2.60	2.46	2.53	2.27	2.24	1.97	1.93	2.39
Oregon	1.96	3.25	2.44	1.71	2.89	2.41	2.96	2.82
Pennsylvania	3.29	3.27	3.09	2.96	2.63	3.22	3.34	3.89
Rhode Island	3.92	3.84	3.56	3.34	3.13	4.54	5.28	5.85
South Carolina	3.85	4.02	3.26	3.27	3.16	3.04	3.63	3.43
South Dakota	2.98	2.69	2.91	2.68	2.62	3.07	3.51	3.93
Tennessee	3.15	3.36	2.75	3.90	2.65	2.69	2.69	2.58
Texas	3.16	3.31	3.00	3.20	3.06	2.79	2.77	2.65
Utah	2.10	2.27	2.88	2.43	2.46	2.18	3.16	2.40
Vermont	2.82	2.93	2.61	2.38	2.19	2.89	3.16	3.04
Virginia	3.36	3.89	2.92	3.10	2.60	3.40	2.22	3.17
Washington	2.12	1.98	2.18	2.06	2.14	2.02	2.06	1.98
West Virginia	3.48	3.16	2.85	3.04	2.26	3.48	3.46	3.13
Wisconsin	2.78	2.87	2.83	2.75	2.48	3.01	3.37	3.71
Wyoming	NA	NA	NA	NA	NA	NA	NA	2.38
Total	3.17	3.11	2.78	2.84	2.67	2.84	2.89	2.87

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1995							1994
	July	June	May	April	March	February	January	Total
Alabama	3.83	3.58	3.34	2.90	2.45	2.60	2.59	3.44
Alaska	1.63	1.60	1.70	1.79	1.66	1.67	1.71	1.62
Arizona	2.20	2.17	2.00	1.78	1.83	2.41	2.21	2.53
Arkansas	2.33	2.25	2.36	2.41	2.29	2.34	2.39	2.54
California	2.19	1.85	2.03	2.12	1.90	1.96	1.95	2.57
Colorado	3.70	2.96	2.41	3.04	2.56	2.70	2.63	3.31
Connecticut	5.54	5.11	5.28	4.74	4.88	4.73	4.42	4.17
Delaware	1.73	3.38	3.20	3.11	2.47	2.45	2.69	2.95
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.50	2.75	2.53	2.92	2.71	2.39	2.42	2.78
Georgia	2.82	3.15	3.16	2.85	3.44	2.54	3.01	3.54
Hawaii	6.12	5.98	4.38	4.52	5.42	5.14	4.85	4.94
Idaho	2.89	2.43	2.28	2.21	2.23	2.29	2.06	2.46
Illinois	3.45	3.14	3.16	2.40	2.33	2.28	2.47	3.02
Indiana	3.26	3.63	3.11	2.81	2.95	2.35	2.63	2.98
Iowa	3.55	3.39	3.10	2.97	2.78	2.44	2.63	3.15
Kansas	2.19	3.09	2.25	2.18	2.06	2.18	2.17	2.86
Kentucky	2.92	3.18	3.32	3.14	2.95	2.72	2.80	3.13
Louisiana	2.00	2.04	2.10	2.12	2.14	2.05	2.23	2.54
Maine	5.99	5.81	2.72	3.41	2.43	3.50	3.21	2.98
Maryland	3.34	3.88	3.51	2.82	2.68	2.47	2.65	3.38
Massachusetts	4.64	4.58	4.71	3.22	2.98	3.02	2.93	3.98
Michigan	2.41	2.43	2.49	2.46	2.92	2.83	2.81	2.70
Minnesota	2.79	2.91	2.56	2.16	2.49	2.38	2.43	2.85
Mississippi	2.34	2.50	2.46	2.39	2.37	2.24	2.35	2.83
Missouri	4.06	3.99	3.08	2.83	2.48	2.28	2.38	3.05
Montana	2.92	3.38	2.99	2.94	3.10	3.31	3.51	3.49
Nebraska	3.42	2.69	2.68	2.18	2.47	2.20	2.38	2.98
Nevada	3.46	2.92	2.86	2.35	2.62	3.15	2.80	3.18
New Hampshire	4.56	4.40	2.93	2.81	3.19	3.44	3.49	3.49
New Jersey	4.02	3.60	3.21	3.25	3.11	3.09	3.12	3.30
New Mexico	1.50	1.33	1.34	1.53	1.50	1.14	1.82	2.02
New York	2.20	2.40	2.42	2.30	2.31	2.44	2.55	3.02
North Carolina	3.48	3.15	3.06	3.06	2.79	2.77	2.85	3.27
North Dakota	2.25	2.45	2.45	2.43	2.66	2.78	3.11	3.15
Ohio	4.63	4.19	4.12	3.95	3.91	3.76	4.11	3.48
Oklahoma	2.33	2.35	2.46	2.57	2.72	2.72	2.84	2.46
Oregon	3.16	2.69	2.77	2.38	2.41	2.55	2.40	2.73
Pennsylvania	4.04	3.73	3.21	2.94	2.89	2.91	3.36	3.46
Rhode Island	6.46	5.53	4.20	3.25	2.76	2.71	3.07	4.17
South Carolina	3.71	3.74	3.47	3.04	3.07	3.17	3.08	3.67
South Dakota	3.86	3.84	2.99	2.64	2.80	2.80	2.82	3.35
Tennessee	3.06	3.21	2.65	2.66	2.33	2.66	2.43	2.71
Texas	2.67	2.90	2.73	2.94	3.24	3.16	3.13	3.00
Utah	2.56	3.41	2.55	2.48	3.33	4.06	3.46	3.31
Vermont	3.20	3.37	3.56	2.68	2.35	2.40	2.45	3.11
Virginia	3.00	3.46	3.36	2.78	2.81	2.88	2.97	3.44
Washington	1.79	1.93	1.92	2.21	2.44	2.46	2.40	2.54
West Virginia	3.40	2.83	2.99	2.63	2.87	2.59	2.83	3.26
Wisconsin	3.81	4.15	2.80	2.64	2.75	2.61	2.63	3.42
Wyoming	2.24	2.64	2.80	2.63	2.84	2.75	2.88	2.91
Total	2.89	2.90	2.80	2.70	2.74	2.71	2.79	3.07

NA = Not Available.

— = Not Applicable.

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

Source: Form EIA-857.

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

(Dollars per Thousand Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996				
				July	June	May	April	March
Alabama	6.81	6.72	7.07	10.74	10.53	8.00	6.87	6.82
Alaska	3.40	3.61	3.58	3.87	3.71	3.53	3.40	3.34
Arizona	7.30	7.68	7.25	9.99	9.32	8.67	7.57	6.97
Arkansas	5.57	5.36	5.56	8.40	7.84	6.72	5.44	5.40
California	6.50	6.77	6.27	8.27	6.98	6.38	6.17	6.20
Colorado	NA	4.69	4.81	NA	5.10	4.42	4.20	4.10
Connecticut	9.91	9.90	9.88	10.34	9.94	9.62	10.06	9.80
Delaware	6.68	6.94	7.23	10.20	8.86	7.63	6.70	6.38
District of Columbia	8.59	8.10	8.25	7.80	9.02	9.83	10.18	8.96
Florida	10.82	9.73	9.60	13.77	13.63	12.55	10.86	10.55
Georgia	6.88	6.83	7.22	10.90	11.28	10.17	7.31	5.45
Hawaii	19.54	17.23	16.37	20.91	20.22	20.54	19.29	19.21
Idaho	5.15	5.61	5.30	6.33	5.70	5.38	5.28	5.06
Illinois	5.08	4.72	5.63	8.42	8.20	6.76	5.51	4.91
Indiana	NA	5.57	6.35	8.45	7.83	6.52	NA	5.05
Iowa	5.23	4.98	5.41	8.98	7.96	6.26	5.96	4.82
Kansas	5.46	4.63	5.32	7.28	7.81	6.74	5.78	5.34
Kentucky	5.18	5.12	5.35	8.14	7.53	7.24	5.13	5.11
Louisiana	6.33	5.62	6.06	9.29	8.52	8.18	7.00	5.66
Maine	NA	7.36	7.87	8.57	NA	8.27	8.27	7.88
Maryland	NA	6.50	6.94	NA	NA	NA	7.19	6.99
Massachusetts	8.79	9.03	8.81	9.04	7.82	6.95	9.42	9.02
Michigan	4.70	4.59	4.91	7.07	6.45	5.12	4.72	4.37
Minnesota	5.18	4.64	5.18	7.49	6.69	5.76	5.35	4.95
Mississippi	NA	4.91	5.42	NA	NA	5.97	5.47	5.37
Missouri	5.66	4.82	5.39	9.53	8.36	6.83	5.71	5.46
Montana	4.76	5.14	5.14	6.21	5.32	4.94	4.71	4.65
Nebraska	5.06	4.71	5.00	7.15	6.36	5.65	5.12	4.94
Nevada	6.07	6.64	6.51	7.66	7.04	6.68	6.22	5.86
New Hampshire	NA	7.00	7.91	8.38	NA	6.29	5.89	7.31
New Jersey	NA	7.01	7.02	9.19	8.81	7.16	NA	7.12
New Mexico	4.25	5.43	6.39	4.44	4.21	11.39	4.60	4.52
New York	NA	8.12	8.45	10.86	9.83	NA	8.22	NA
North Carolina	7.14	6.88	7.02	11.10	11.45	9.04	7.30	7.52
North Dakota	4.45	4.57	5.21	7.10	5.78	4.46	4.43	4.31
Ohio	5.46	5.52	5.73	8.07	7.04	6.31	5.37	5.33
Oklahoma	5.28	5.45	5.23	9.19	8.43	6.88	5.21	5.09
Oregon	6.21	6.66	7.01	7.74	6.93	6.49	6.34	6.17
Pennsylvania	7.04	7.43	7.24	10.24	9.08	8.21	7.38	6.73
Rhode Island	8.02	5.57	8.98	11.05	9.82	8.39	7.92	8.06
South Carolina	7.37	8.04	7.43	9.84	9.00	8.12	6.97	7.68
South Dakota	NA	4.93	5.40	NA	6.65	5.65	5.21	4.36
Tennessee	NA	5.67	6.06	8.54	NA	NA	NA	6.30
Texas	5.63	5.89	5.80	7.87	7.21	6.88	6.10	5.41
Utah	4.42	4.77	5.19	4.99	5.40	4.59	3.90	4.94
Vermont	6.25	6.77	6.78	8.73	7.49	6.59	6.24	6.09
Virginia	7.44	7.49	7.37	12.40	10.73	8.74	7.53	6.89
Washington	NA	5.86	5.57	6.71	6.06	NA	5.59	5.44
West Virginia	7.06	7.05	6.36	9.77	9.21	7.55	6.94	6.74
Wisconsin	NA	5.88	6.43	NA	NA	5.56	5.90	5.87
Wyoming	NA	4.93	5.06	NA	NA	NA	NA	NA
Total	6.08	6.06	6.33	8.49	7.73	6.77	6.24	5.87

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1996		1995					
	February	January	Total	December	November	October	September	August
Alabama	6.33	5.97	6.74	5.78	6.39	8.74	9.28	9.21
Alaska	3.30	3.32	3.63	3.51	3.60	3.76	3.96	4.14
Arizona	6.80	6.60	7.88	7.09	8.24	9.40	10.12	10.59
Arkansas	5.25	5.23	5.49	4.35	5.51	6.82	7.33	7.82
California	6.32	6.46	6.64	6.16	5.34	7.08	7.23	7.13
Colorado	4.02	4.02	4.74	4.25	4.48	5.09	6.56	6.65
Connecticut	9.85	10.00	9.89	8.92	9.88	10.97	11.09	11.25
Delaware	6.25	6.32	7.08	6.52	7.47	8.85	9.58	9.49
District of Columbia	8.42	7.37	8.01	7.24	7.72	9.59	10.15	7.46
Florida	9.93	9.61	10.16	9.44	10.89	12.49	11.93	12.56
Georgia	5.97	5.28	6.39	5.19	4.98	6.95	8.19	8.96
Hawaii	18.82	18.20	17.56	18.82	17.94	17.91	17.86	17.93
Idaho	4.98	4.97	5.60	5.31	5.48	5.79	6.44	6.71
Illinois	4.55	4.24	4.62	4.14	4.07	4.79	6.02	6.91
Indiana	4.85	4.68	5.38	4.56	4.68	5.68	7.29	7.91
Iowa	4.86	4.50	5.04	4.78	4.47	5.40	7.29	8.65
Kansas	5.17	4.99	4.90	5.03	5.21	5.77	6.66	6.73
Kentucky	4.71	4.82	5.00	4.32	4.24	5.90	7.73	8.25
Louisiana	5.14	6.10	5.92	5.87	6.27	7.60	7.62	7.53
Maine	7.78	7.02	7.31	7.01	7.17	7.17	7.78	8.37
Maryland	6.83	6.47	6.63	6.20	6.51	7.73	8.65	9.24
Massachusetts	9.01	8.83	9.04	8.86	9.50	8.24	9.33	9.85
Michigan	4.53	4.45	4.68	4.45	4.60	5.18	6.17	7.01
Minnesota	4.87	4.93	4.79	4.81	4.81	5.27	6.06	6.56
Mississippi	4.75	5.26	5.01	4.88	5.19	6.10	6.40	5.95
Missouri	5.30	5.11	NA	NA	5.41	6.67	8.16	8.97
Montana	4.59	4.66	5.17	4.82	4.95	5.50	6.15	6.59
Nebraska	4.73	4.78	4.86	4.76	4.98	5.87	6.39	6.62
Nevada	5.76	5.64	6.76	5.97	6.92	8.05	8.53	8.57
New Hampshire	7.19	7.03	7.16	7.18	7.77	7.24	7.96	8.73
New Jersey	7.06	7.01	7.21	7.03	7.21	8.53	9.72	9.43
New Mexico	4.16	3.42	5.08	3.58	3.89	5.55	7.32	7.49
New York	8.01	7.93	8.41	7.72	9.17	10.78	11.74	11.92
North Carolina	6.81	6.14	6.94	6.23	6.52	8.96	10.69	11.64
North Dakota	4.20	4.28	NA	4.31	4.53	NA	6.73	7.59
Ohio	5.40	4.92	5.48	4.95	5.03	6.12	7.17	7.66
Oklahoma	4.76	4.74	5.67	5.04	5.96	7.46	8.64	8.97
Oregon	5.67	6.10	6.81	6.32	7.45	7.63	8.37	8.57
Pennsylvania	6.69	6.43	7.33	6.40	6.64	8.13	10.13	10.58
Rhode Island	7.88	7.24	6.40	7.47	8.24	8.91	9.90	10.09
South Carolina	7.32	7.02	7.86	7.04	7.12	8.61	9.36	9.87
South Dakota	4.67	4.43	5.06	4.86	5.07	5.05	7.10	8.58
Tennessee	6.04	5.45	5.72	6.19	4.44	6.97	8.09	7.85
Texas	5.16	5.05	5.97	5.32	5.80	6.95	7.63	7.89
Utah	3.97	4.51	4.74	4.72	4.99	4.09	4.68	5.28
Vermont	6.02	5.98	6.83	6.09	6.88	7.92	9.03	9.81
Virginia	7.23	6.82	7.37	6.61	5.71	9.60	11.13	11.21
Washington	5.38	5.41	5.91	5.56	5.69	6.83	7.02	7.24
West Virginia	6.69	7.26	7.13	6.78	7.03	7.89	9.23	10.14
Wisconsin	5.75	5.90	5.84	5.90	5.79	5.16	5.80	6.38
Wyoming	NA	NA	NA	NA	NA	NA	NA	5.58
Total	5.78	5.60	6.06	5.58	5.59	6.61	7.72	8.12

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1995							1994
	July	June	May	April	March	February	January	Total
Alabama	8.94	8.69	8.05	7.57	6.10	6.14	6.44	7.41
Alaska	4.02	3.87	3.72	3.57	3.53	3.53	3.54	3.60
Arizona	9.79	9.19	8.36	7.87	7.67	7.23	7.05	7.54
Arkansas	7.48	7.03	6.30	5.56	5.06	4.90	5.13	5.71
California	7.22	7.39	6.84	6.47	6.53	6.65	6.78	6.39
Colorado	5.90	5.07	4.81	4.74	4.56	4.52	4.47	4.92
Connecticut	11.03	10.56	10.20	9.73	9.73	9.73	9.91	10.14
Delaware	9.25	8.66	7.54	6.99	6.62	6.59	6.74	7.43
District of Columbia	7.20	7.03	9.55	9.16	8.03	7.83	7.80	8.29
Florida	12.22	12.10	11.61	10.57	9.32	8.41	8.74	9.98
Georgia	8.80	8.60	7.77	7.62	7.34	5.94	6.41	7.32
Hawaii	18.06	17.46	17.41	17.32	16.99	16.71	16.78	16.83
Idaho	6.48	6.22	5.27	5.78	5.64	5.56	5.40	5.29
Illinois	6.00	6.51	5.67	4.56	4.40	4.60	4.49	5.50
Indiana	7.65	7.39	6.48	5.64	5.24	5.40	5.22	6.24
Iowa	8.51	8.80	5.90	4.90	4.78	4.58	4.41	5.40
Kansas	6.24	5.93	5.16	4.73	4.31	4.37	4.47	5.11
Kentucky	7.90	8.21	6.02	5.82	4.68	4.65	4.85	5.46
Louisiana	7.80	6.98	6.92	5.89	5.31	4.98	5.26	6.24
Maine	8.23	7.75	6.60	7.70	7.43	7.23	7.28	7.83
Maryland	9.18	8.74	7.24	6.49	6.10	6.12	6.19	6.95
Massachusetts	9.33	8.31	7.20	9.53	9.30	9.08	9.18	8.94
Michigan	6.63	5.98	5.01	4.49	4.39	4.35	4.38	4.98
Minnesota	4.53	5.99	5.10	4.45	4.47	4.48	4.69	5.18
Mississippi	5.99	6.04	5.95	5.36	4.67	4.50	4.71	5.46
Missouri	8.14	7.28	5.25	4.96	4.37	4.42	4.53	5.43
Montana	6.06	5.61	5.30	5.16	5.06	5.03	4.95	5.23
Nebraska	6.38	5.97	5.12	4.73	4.45	4.45	4.51	5.01
Nevada	8.06	7.46	6.89	6.60	6.64	6.38	6.24	6.66
New Hampshire	8.16	7.27	6.12	5.65	7.38	7.33	7.31	7.96
New Jersey	9.16	8.81	7.56	6.92	6.67	6.52	7.06	7.11
New Mexico	8.70	5.81	6.18	5.49	5.66	5.00	4.79	5.61
New York	11.57	10.14	8.65	7.83	7.61	7.61	8.05	8.75
North Carolina	10.57	9.92	8.02	7.14	6.67	6.15	6.71	7.30
North Dakota	6.97	5.89	5.05	4.45	4.31	4.29	4.33	5.19
Ohio	7.43	7.00	5.72	5.41	5.26	5.10	5.70	5.88
Oklahoma	8.36	7.59	6.24	5.83	5.09	4.98	4.95	5.50
Oregon	8.11	7.66	6.40	6.75	6.59	6.56	6.40	6.99
Pennsylvania	10.16	9.37	7.99	7.26	7.02	7.19	7.28	7.44
Rhode Island	10.56	7.89	7.83	7.45	5.17	4.09	3.77	9.12
South Carolina	9.36	9.10	8.20	8.30	7.91	7.79	8.04	7.65
South Dakota	7.63	6.97	5.50	4.75	4.71	4.64	4.50	5.27
Tennessee	7.58	7.17	6.32	6.16	5.48	5.28	5.57	6.13
Texas	7.39	7.30	6.74	6.19	5.77	5.47	5.36	5.99
Utah	5.36	4.96	4.52	4.25	4.94	4.90	4.78	4.96
Vermont	9.35	8.12	7.25	6.67	6.54	6.49	6.51	6.94
Virginia	11.08	10.85	8.68	7.53	6.83	7.10	7.18	7.63
Washington	7.06	6.54	6.17	5.87	5.74	5.71	5.63	5.70
West Virginia	10.07	9.43	7.62	7.09	6.85	6.74	6.79	6.66
Wisconsin	6.41	6.01	5.75	5.83	5.83	5.84	5.93	6.28
Wyoming	5.43	5.22	4.98	4.93	4.85	4.77	4.89	5.10
Total	7.80	7.48	6.53	6.04	5.82	5.74	5.83	6.41

NA = Not Available.

Notes: Data for 1994 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857.

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

(Dollars per Thousand Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996				
				July	June	May	April	March
Alabama	6.01	5.74	6.32	6.81	6.98	6.09	6.07	6.20
Alaska	2.31	2.48	2.50	2.13	2.19	2.24	2.37	2.34
Arizona	4.95	5.37	5.20	5.06	4.96	4.92	4.97	4.94
Arkansas	4.46	4.04	4.65	4.97	5.11	4.84	4.47	4.34
California	6.18	6.35	7.56	5.56	5.48	5.61	6.05	6.68
Colorado	NA	4.18	4.33	NA	3.69	3.54	NA	3.73
Connecticut	7.51	7.28	7.42	5.86	6.45	7.25	7.72	7.69
Delaware	5.58	5.68	6.15	6.88	6.77	6.00	5.48	5.60
District of Columbia	6.97	6.04	6.31	5.60	6.08	6.04	6.63	8.41
Florida	6.49	5.14	5.63	6.46	6.54	6.63	6.61	6.68
Georgia	5.73	5.64	6.28	6.48	6.96	6.94	5.89	5.34
Hawaii	14.08	12.86	12.34	15.46	14.76	14.53	13.69	13.95
Idaho	4.53	4.87	5.05	4.92	4.77	4.77	4.66	4.42
Illinois	4.69	4.50	5.27	7.07	6.66	6.18	4.99	4.74
Indiana	NA	4.58	5.54	5.84	5.69	5.27	NA	4.34
Iowa	4.18	4.10	4.63	6.02	5.15	4.48	3.87	4.13
Kansas	NA	4.08	4.44	4.00	4.55	4.75	4.46	NA
Kentucky	4.69	4.73	4.94	5.76	5.57	5.72	4.87	4.54
Louisiana	5.91	4.92	5.47	6.62	6.09	6.53	6.39	5.45
Maine	NA	6.61	7.10	7.96	NA	7.22	7.22	7.32
Maryland	NA	5.03	5.69	NA	NA	NA	5.54	5.97
Massachusetts	6.87	6.89	7.22	5.02	4.87	4.89	7.35	7.39
Michigan	4.55	4.38	4.66	5.85	5.52	4.72	4.51	4.46
Minnesota	4.43	3.91	4.51	4.88	4.67	4.52	4.42	4.37
Mississippi	NA	4.09	4.70	NA	NA	12.59	NA	4.73
Missouri	5.18	4.23	4.99	6.00	5.60	5.37	5.13	5.26
Montana	4.65	4.95	4.88	5.17	4.83	4.74	4.60	4.61
Nebraska	NA	4.01	4.40	NA	NA	NA	NA	NA
Nevada	4.87	5.42	5.27	4.92	4.92	4.93	4.90	4.86
New Hampshire	NA	6.45	7.31	6.29	NA	5.76	5.79	7.00
New Jersey	7.37	5.60	6.07	5.64	5.24	5.59	6.19	6.73
New Mexico	3.13	3.96	5.01	2.67	2.60	3.93	3.19	3.25
New York	NA	NA	6.74	NA	NA	NA	NA	NA
North Carolina	5.96	5.32	5.58	7.11	5.65	6.22	5.86	6.34
North Dakota	3.95	3.90	4.62	6.39	4.49	3.88	3.89	3.78
Ohio	5.04	5.02	5.32	6.28	5.94	5.60	5.00	5.02
Oklahoma	4.52	4.62	4.70	4.65	4.95	4.93	4.25	4.60
Oregon	4.88	5.23	5.54	5.11	4.85	4.82	4.94	4.83
Pennsylvania	6.21	6.54	6.49	7.24	6.91	6.62	6.62	6.07
Rhode Island	6.99	5.08	7.96	7.92	7.53	7.12	6.07	7.29
South Carolina	6.11	6.41	6.10	5.69	5.41	5.38	6.05	6.49
South Dakota	NA	3.92	4.52	NA	5.55	4.72	4.36	3.47
Tennessee	NA	5.02	5.64	5.96	NA	NA	NA	5.80
Texas	4.31	4.27	4.34	4.18	4.13	4.19	4.19	4.41
Utah	3.30	3.60	3.95	3.25	3.34	3.01	2.86	3.69
Vermont	5.26	5.51	5.78	5.44	5.55	5.37	5.23	5.18
Virginia	5.62	5.25	5.72	6.64	6.17	5.12	5.58	5.42
Washington	4.77	5.05	4.83	5.14	4.75	4.75	4.78	4.74
West Virginia	6.17	5.99	5.71	4.66	8.05	6.81	6.32	6.09
Wisconsin	NA	4.57	5.13	NA	NA	4.12	5.05	4.73
Wyoming	NA	4.41	4.46	NA	NA	NA	NA	NA
Total	5.26	5.09	5.54	5.52	5.43	5.33	5.26	5.24

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1996		1995					
	February	January	Total	December	November	October	September	August
Alabama	5.77	5.62	5.67	5.36	5.41	5.77	5.80	5.83
Alaska	2.35	2.33	2.44	2.52	2.40	2.24	2.29	2.19
Arizona	4.95	4.90	5.27	4.92	5.11	5.10	5.05	5.24
Arkansas	4.37	4.31	4.06	3.84	4.22	4.26	4.19	4.13
California	6.26	6.82	6.36	7.00	6.28	5.96	6.10	6.15
Colorado	3.59	3.61	4.12	3.68	3.77	4.27	4.63	4.57
Connecticut	8.29	7.37	7.16	7.97	7.14	6.08	6.16	5.92
Delaware	5.30	5.29	5.70	5.36	6.10	5.80	6.09	6.32
District of Columbia	7.83	6.57	6.03	5.99	6.38	5.94	6.01	5.45
Florida	6.39	6.20	5.20	5.52	5.30	5.22	5.17	5.21
Georgia	5.61	5.16	5.29	4.76	4.27	5.05	5.06	5.07
Hawaii	13.50	12.92	13.00	13.46	13.19	13.17	13.22	12.99
Idaho	4.41	4.45	4.90	4.72	5.25	4.99	5.04	5.09
Illinois	4.30	4.06	4.37	3.99	4.09	4.14	4.95	4.71
Indiana	4.18	4.04	4.35	3.90	3.73	4.05	4.72	4.88
Iowa	4.07	4.01	4.14	4.04	4.10	4.04	4.83	5.55
Kansas	4.50	NA	4.09	4.31	4.25	3.31	3.89	3.86
Kentucky	4.49	4.45	4.59	4.27	4.14	4.56	4.70	5.26
Louisiana	5.10	6.07	5.05	5.61	5.43	5.38	5.15	4.76
Maine	7.32	6.51	6.52	6.48	6.58	5.92	6.05	6.17
Maryland	6.03	5.58	5.05	5.15	5.00	5.18	4.85	5.23
Massachusetts	7.50	7.36	6.68	7.12	6.73	4.82	5.18	5.19
Michigan	4.48	4.41	4.44	4.36	4.46	4.56	5.34	5.56
Minnesota	4.37	4.39	3.96	4.20	3.86	3.93	3.90	3.97
Mississippi	4.42	4.87	4.06	4.27	4.11	3.94	3.82	3.47
Missouri	5.16	4.96	4.40	4.96	4.75	4.59	4.86	4.89
Montana	4.58	4.63	4.94	4.66	4.80	5.11	5.47	5.52
Nebraska	NA	NA	NA	NA	NA	NA	NA	3.63
Nevada	4.84	4.80	5.39	4.87	5.30	5.58	5.62	5.69
New Hampshire	6.94	6.67	6.44	6.70	6.48	5.66	5.95	6.21
New Jersey	6.67	10.42	5.65	6.05	6.08	5.25	4.81	5.17
New Mexico	3.40	2.99	3.62	2.86	2.92	3.30	3.44	3.37
New York	NA	NA	NA	5.86	5.09	5.27	5.45	5.46
North Carolina	6.10	5.39	5.27	5.22	5.21	5.14	5.14	5.18
North Dakota	3.87	3.84	3.69	1.82	4.07	4.43	4.50	4.73
Ohio	5.07	4.68	4.95	4.67	4.68	5.08	5.36	5.30
Oklahoma	4.46	4.48	4.56	4.45	4.42	4.34	4.40	4.53
Oregon	4.82	5.22	5.27	5.00	5.51	5.43	5.57	5.57
Pennsylvania	6.07	5.89	6.26	5.32	5.66	6.23	7.04	7.13
Rhode Island	7.26	6.63	5.49	6.86	5.87	6.28	5.92	6.25
South Carolina	6.57	6.20	6.19	5.89	5.88	5.77	5.70	5.74
South Dakota	4.04	3.54	3.98	3.90	3.84	3.67	5.00	6.22
Tennessee	5.81	5.14	5.02	5.15	4.80	5.03	5.15	5.07
Texas	4.37	4.47	4.14	3.86	4.26	4.09	4.06	3.61
Utah	3.06	3.59	3.64	3.92	3.91	3.24	3.40	3.52
Vermont	5.23	5.27	NA	5.12	5.22	NA	5.44	5.68
Virginia	5.86	5.40	5.13	4.96	4.55	5.27	5.23	5.14
Washington	4.74	4.75	5.00	4.89	4.89	4.95	4.91	4.95
West Virginia	6.02	6.37	5.97	5.98	5.93	5.88	5.97	5.98
Wisconsin	4.65	4.78	4.52	4.78	4.48	3.72	4.24	3.96
Wyoming	NA	NA	NA	NA	NA	NA	NA	4.10
Total	5.19	5.23	5.01	4.88	4.78	4.78	4.97	4.93

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1995							1994
	July	June	May	April	March	February	January	Total
Alabama	5.77	5.81	5.85	6.02	5.50	5.65	5.87	6.38
Alaska	2.25	2.34	2.40	2.50	2.51	2.53	2.57	2.48
Arizona	5.27	5.29	5.38	5.42	5.43	5.41	5.35	5.27
Arkansas	4.12	4.12	4.24	3.89	3.96	3.90	4.19	4.58
California	6.08	5.97	5.55	5.97	6.40	6.73	7.11	7.12
Colorado	4.44	4.30	4.22	4.17	4.16	4.13	4.12	4.37
Connecticut	6.75	6.73	6.78	7.48	7.31	7.43	7.45	7.39
Delaware	5.74	6.09	5.81	5.73	5.56	5.59	5.68	6.17
District of Columbia	5.33	5.51	6.08	6.36	6.30	6.14	5.82	6.16
Florida	5.19	5.22	5.17	5.16	5.05	5.03	5.20	5.54
Georgia	5.16	5.26	5.09	5.97	6.02	5.48	5.84	6.18
Hawaii	13.37	13.07	12.90	12.96	12.66	12.55	12.53	12.40
Idaho	5.18	5.18	4.55	5.17	4.82	4.86	4.72	5.01
Illinois	5.01	4.87	4.96	4.36	4.50	4.44	4.39	5.12
Indiana	4.93	5.03	4.81	4.47	4.43	4.58	4.55	5.33
Iowa	5.40	5.15	4.66	4.01	4.05	3.93	3.82	4.51
Kansas	3.97	4.04	4.19	4.06	3.99	4.05	4.18	4.12
Kentucky	4.71	5.27	4.79	4.75	4.61	4.66	4.79	4.98
Louisiana	5.10	4.55	5.25	4.88	4.92	4.76	5.05	5.42
Maine	6.11	6.00	5.91	6.90	6.77	6.68	6.71	6.97
Maryland	5.82	5.30	4.89	4.94	5.00	4.95	4.98	5.46
Massachusetts	5.29	4.94	4.92	7.27	7.53	7.46	7.49	6.82
Michigan	5.59	5.23	4.59	4.27	4.25	4.32	4.30	4.68
Minnesota	2.67	4.17	4.04	3.69	3.90	3.93	4.13	4.36
Mississippi	3.90	4.02	4.14	4.14	4.03	4.03	4.23	4.56
Missouri	4.88	4.76	4.01	4.09	3.98	4.21	4.36	4.85
Montana	5.31	5.17	4.96	4.93	4.95	4.96	4.85	4.91
Nebraska	3.64	3.77	5.00	3.90	3.97	3.97	4.08	4.24
Nevada	5.64	5.55	5.44	5.41	5.41	5.37	5.34	5.36
New Hampshire	6.03	6.04	5.38	5.47	6.89	6.85	6.86	7.17
New Jersey	5.28	5.13	5.13	5.21	5.68	5.56	6.20	6.03
New Mexico	4.00	3.51	4.02	3.85	4.06	4.02	4.04	4.41
New York	5.58	6.12	6.14	6.03	NA	6.07	5.99	6.51
North Carolina	5.22	5.13	5.09	5.18	5.60	5.17	5.46	5.56
North Dakota	4.67	4.50	4.12	3.81	3.77	3.80	3.85	4.48
Ohio	5.39	5.37	4.89	4.94	4.81	4.82	5.36	5.38
Oklahoma	4.62	4.55	4.61	4.65	4.68	4.54	4.67	4.72
Oregon	5.48	5.06	5.11	5.26	5.24	5.25	5.23	5.51
Pennsylvania	7.09	7.11	6.77	6.54	6.38	6.54	6.41	6.50
Rhode Island	5.95	6.43	6.00	7.15	4.82	4.03	3.74	7.57
South Carolina	5.83	6.03	5.90	6.53	6.57	6.57	6.61	6.11
South Dakota	5.82	5.16	4.26	3.68	3.74	3.73	3.72	4.35
Tennessee	5.36	5.05	4.84	4.88	5.06	4.86	5.17	5.56
Texas	3.72	4.02	4.08	4.03	4.40	4.54	4.67	4.33
Utah	3.49	3.42	3.26	3.16	3.88	3.77	3.72	3.84
Vermont	5.22	5.79	5.66	5.50	5.50	5.52	5.44	5.60
Virginia	5.48	5.45	5.13	4.99	5.01	5.44	5.30	5.67
Washington	5.05	4.85	5.04	5.06	5.17	5.02	5.04	4.90
West Virginia	6.27	6.40	6.40	5.80	5.90	5.95	5.94	5.91
Wisconsin	4.17	3.92	4.30	4.55	4.57	4.60	4.78	4.90
Wyoming	4.17	4.33	4.38	4.38	4.39	4.35	4.58	4.45
Total	5.02	5.11	5.00	5.03	5.08	5.09	5.20	5.44

NA = Not Available.

Notes: Data for 1994 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 24 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries. Source: Form EIA-857.

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

(Dollars per Thousand Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996				
				July	June	May	April	March
Alabama	3.72	2.99	3.45	3.57	3.44	3.26	3.68	3.84
Alaska	1.52	1.53	1.40	1.55	1.54	1.52	1.51	1.52
Arizona	3.88	3.63	3.60	3.64	3.90	3.90	3.90	3.92
Arkansas	2.99	2.84	3.29	3.03	2.92	2.93	2.95	3.04
California	3.62	3.59	3.21	3.54	3.29	3.28	3.61	3.69
Colorado	NA	2.04	1.31	NA	1.71	1.75	NA	1.91
Connecticut	4.94	4.44	4.77	4.02	4.07	4.21	4.69	5.21
Delaware	4.15	3.08	3.72	4.73	4.35	4.55	4.04	3.93
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.32	3.18	3.67	4.22	4.24	4.17	4.62	4.26
Georgia	4.78	3.39	4.10	6.84	5.64	4.34	3.97	4.71
Hawaii	—	—	—	—	—	—	—	—
Idaho ^a	3.16	3.78	4.02	3.18	3.04	3.09	3.00	3.18
Illinois	4.06	3.65	4.70	4.84	5.37	4.58	3.27	4.66
Indiana	NA	2.87	4.86	3.68	3.85	2.49	NA	3.36
Iowa	3.47	3.19	3.87	4.41	4.26	3.55	3.08	3.35
Kansas	2.50	2.01	3.17	2.56	2.43	2.42	2.19	2.84
Kentucky	3.75	3.37	3.74	3.71	3.59	3.73	3.75	3.82
Louisiana	2.69	1.76	2.39	2.76	2.69	2.53	2.82	3.01
Maine	NA	4.63	5.19	4.22	NA	5.11	6.27	6.38
Maryland	NA	3.52	4.41	NA	NA	5.40	5.47	5.19
Massachusetts	NA	4.65	5.79	4.05	NA	4.15	5.91	7.12
Michigan	4.04	4.03	3.87	4.57	4.12	3.93	3.92	4.06
Minnesota	2.81	2.53	2.99	2.72	2.55	2.77	2.72	2.91
Mississippi	NA	2.60	3.13	NA	NA	3.09	NA	3.51
Missouri	4.46	3.51	4.43	4.25	3.89	4.38	4.59	4.87
Montana	4.82	4.89	4.86	5.09	5.01	4.65	4.84	4.74
Nebraska	NA	2.79	3.34	NA	3.09	2.93	3.14	3.11
Nevada	4.91	5.45	5.65	4.80	4.86	4.90	4.91	4.96
New Hampshire	NA	4.03	5.01	3.51	NA	3.62	4.27	5.43
New Jersey	4.04	3.16	3.81	3.79	3.42	3.70	4.13	4.19
New Mexico	2.89	5.17	3.79	1.66	2.06	14.38	3.32	5.55
New York	5.09	4.62	5.50	4.64	4.54	5.09	5.29	5.14
North Carolina	4.24	3.31	3.83	3.86	3.63	3.83	3.91	4.60
North Dakota	3.30	2.86	3.42	3.38	3.05	3.22	3.34	3.14
Ohio	4.61	4.53	4.50	5.56	4.55	4.73	4.78	4.70
Oklahoma	2.94	2.24	2.17	3.17	3.37	2.90	2.79	2.90
Oregon	3.24	3.45	3.56	3.32	3.25	3.21	3.14	3.27
Pennsylvania	4.23	4.00	4.20	3.93	4.08	4.05	4.23	4.24
Rhode Island	4.54	4.68	5.00	4.26	3.86	4.08	4.42	5.58
South Carolina	3.76	3.06	3.41	3.53	3.35	3.39	3.74	3.97
South Dakota	NA	3.36	3.74	NA	3.98	3.39	3.33	1.48
Tennessee	NA	3.23	4.04	3.58	3.69	NA	NA	3.77
Texas	NA	1.85	2.13	2.76	2.64	NA	2.57	2.36
Utah	2.02	2.51	3.15	1.90	1.95	1.98	2.00	2.27
Vermont	3.58	3.44	3.56	3.36	3.54	3.73	3.74	3.53
Virginia	4.34	3.83	3.00	3.46	4.13	3.85	5.13	4.70
Washington	NA	2.74	3.00	2.38	2.82	NA	2.49	2.56
West Virginia	2.79	2.58	3.13	2.70	2.82	2.75	2.97	2.99
Wisconsin	3.70	3.17	3.62	3.52	3.34	3.29	3.74	3.77
Wyoming	NA	3.28	3.51	NA	NA	NA	NA	NA
Total	3.33	2.67	3.15	3.21	3.13	3.11	3.38	3.51

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1996		1995					
	February	January	Total	December	November	October	September	August
Alabama	4.10	3.96	2.93	3.18	3.07	2.73	2.65	2.55
Alaska	1.50	1.50	1.53	1.50	1.51	1.52	1.51	1.53
Arizona	3.94	3.91	3.82	4.69	4.00	3.96	3.98	4.18
Arkansas	2.95	3.09	2.75	2.96	2.81	2.50	2.36	2.45
California	3.89	3.99	3.62	4.04	3.89	3.60	3.70	3.28
Colorado	1.72	1.80	1.95	1.85	1.82	1.69	1.78	1.92
Connecticut	5.68	6.52	4.32	5.38	4.39	3.77	3.71	3.70
Delaware	4.15	3.79	3.06	3.93	3.00	2.96	2.85	2.70
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.57	4.16	3.24	3.54	3.39	3.32	3.29	3.12
Georgia	4.80	3.91	3.38	3.92	3.39	3.34	3.19	2.98
Hawaii	—	—	—	—	—	—	—	—
Idaho ^a	3.17	3.47	3.67	3.93	3.82	3.34	2.79	3.51
Illinois	3.84	3.67	3.52	3.27	3.18	3.34	3.55	3.75
Indiana	3.53	3.04	2.88	2.99	2.77	2.80	3.01	2.89
Iowa	3.38	3.20	3.21	3.12	3.04	3.18	3.49	3.76
Kansas	2.47	2.51	2.03	2.27	2.12	2.01	2.03	1.88
Kentucky	3.74	3.79	3.29	3.45	3.22	3.15	3.07	2.89
Louisiana	2.74	2.53	1.79	2.19	1.87	1.79	1.66	1.63
Maine	6.50	5.60	4.46	5.43	4.54	3.74	3.70	3.79
Maryland	5.89	4.17	3.53	4.80	4.27	2.86	3.27	3.32
Massachusetts	7.00	6.83	4.55	5.67	5.01	3.91	3.62	3.21
Michigan	4.05	4.04	4.05	3.99	4.04	4.13	4.26	4.44
Minnesota	3.16	2.99	2.52	2.75	2.74	2.44	2.16	2.24
Mississippi	3.19	3.75	2.64	3.13	2.72	2.55	2.53	2.45
Missouri	4.58	4.32	3.45	3.33	3.64	3.08	3.18	3.21
Montana	4.72	4.94	4.92	4.91	4.93	5.03	5.04	5.12
Nebraska	3.20	3.20	2.73	2.85	2.32	2.49	2.74	2.90
Nevada	4.98	4.93	5.34	4.92	5.15	5.23	5.29	5.30
New Hampshire	6.08	5.23	3.80	4.97	3.79	2.99	2.94	2.82
New Jersey	4.83	4.11	3.12	3.52	3.14	2.84	2.84	2.85
New Mexico	3.43	2.41	3.38	2.71	2.64	2.46	2.78	2.94
New York	5.54	5.02	NA	4.76	4.48	NA	3.84	3.77
North Carolina	5.02	4.42	3.38	3.90	3.54	3.01	3.20	3.06
North Dakota	3.34	3.44	NA	3.17	2.10	NA	2.68	2.67
Ohio	4.38	4.51	4.45	4.34	4.53	3.82	4.32	4.30
Oklahoma	2.87	2.86	2.21	2.56	2.44	1.87	1.77	1.99
Oregon	3.25	3.47	3.40	3.25	3.38	3.28	3.43	3.37
Pennsylvania	4.37	4.42	4.30	3.93	3.71	3.91	10.29	3.63
Rhode Island	5.40	5.29	4.25	4.82	3.32	3.84	3.53	3.38
South Carolina	4.24	4.34	3.06	3.58	3.21	2.91	2.83	2.83
South Dakota	3.28	3.08	3.43	3.20	2.76	4.05	4.26	5.45
Tennessee	4.29	3.31	3.13	3.10	2.90	2.97	2.91	3.13
Texas	NA	2.41	1.88	2.33	1.93	1.86	1.81	1.74
Utah	1.75	2.26	2.39	2.36	2.25	2.08	2.13	2.07
Vermont	3.62	3.45	3.37	2.96	3.25	3.32	3.69	3.40
Virginia	4.61	4.52	3.35	3.28	2.86	4.23	2.48	1.63
Washington	2.57	2.41	NA	2.96	2.82	NA	NA	2.32
West Virginia	2.93	2.44	2.62	2.89	2.92	2.61	2.43	2.32
Wisconsin	3.72	3.95	3.15	3.89	3.23	2.68	2.75	2.58
Wyoming	NA	NA	NA	NA	NA	NA	NA	3.01
Total	3.55	3.33	2.66	3.07	2.71	2.49	2.51	2.34

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1995							1994
	July	June	May	April	March	February	January	Total
Alabama	2.57	2.93	3.04	2.91	3.01	3.13	3.16	3.26
Alaska	1.56	1.55	1.53	1.54	1.52	1.52	1.51	1.42
Arizona	3.99	3.37	3.37	3.16	3.41	4.28	4.29	3.57
Arkansas	2.76	2.73	2.74	2.77	2.76	2.84	3.19	3.28
California	3.19	3.25	3.26	3.38	3.73	3.84	4.41	3.25
Colorado	1.93	2.19	2.02	2.03	2.07	1.90	2.16	2.38
Connecticut	3.64	3.74	3.92	4.45	4.38	5.21	5.26	4.49
Delaware	2.87	2.92	2.81	2.94	3.32	3.63	3.43	3.43
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.27	3.28	3.24	3.17	3.09	3.11	3.14	3.51
Georgia	2.89	3.20	3.26	3.15	3.61	3.88	3.73	3.90
Hawaii	—	—	—	—	—	—	—	—
Idaho *	3.68	3.79	3.65	3.79	3.84	3.91	3.81	3.85
Illinois	3.94	2.64	2.95	3.44	3.83	3.98	3.94	4.39
Indiana	3.21	3.37	3.56	3.35	3.67	3.81	1.74	4.60
Iowa	3.82	3.11	3.24	2.89	3.34	2.97	3.19	3.99
Kansas	1.88	2.03	2.05	1.94	1.96	2.09	2.18	2.75
Kentucky	3.20	3.18	3.28	3.18	3.33	3.47	3.71	3.64
Louisiana	1.82	1.85	1.79	1.68	1.63	1.72	1.85	2.17
Maine	3.80	3.77	3.62	4.49	5.58	5.74	5.73	4.79
Maryland	3.70	3.36	4.02	3.99	3.72	2.69	3.35	4.04
Massachusetts	3.32	2.05	4.09	5.47	5.69	5.85	6.30	5.25
Michigan	4.47	4.27	4.11	3.88	3.90	4.14	3.97	3.93
Minnesota	2.14	2.10	2.26	2.35	2.90	2.87	3.04	2.87
Mississippi	2.51	2.70	2.53	2.60	2.51	2.59	2.74	2.98
Missouri	3.34	3.37	3.14	3.36	3.47	3.69	3.78	4.18
Montana	5.07	5.03	4.90	4.87	4.84	4.83	4.86	4.91
Nebraska	2.63	2.58	2.67	2.67	2.90	2.89	2.95	3.12
Nevada	5.33	5.41	5.51	5.42	5.43	5.59	5.41	5.67
New Hampshire	2.92	3.22	3.11	3.52	4.13	6.52	5.98	4.44
New Jersey	2.89	2.86	2.88	2.98	3.49	3.29	3.59	3.64
New Mexico	4.06	5.26	9.34	4.42	5.73	6.35	4.59	3.39
New York	3.92	4.16	4.26	4.63	4.87	4.89	4.91	5.22
North Carolina	3.09	2.93	2.91	2.96	3.40	3.83	3.81	3.68
North Dakota	2.78	2.75	2.79	2.77	2.77	2.90	3.07	3.31
Ohio	4.10	4.04	3.91	4.49	4.34	4.70	4.99	4.45
Oklahoma	1.77	1.93	2.08	2.50	2.50	2.09	2.58	2.14
Oregon	3.50	3.44	3.46	3.38	3.41	3.48	3.47	3.61
Pennsylvania	3.85	3.92	3.94	3.66	3.84	4.54	4.06	4.01
Rhode Island	3.62	3.48	3.64	4.67	5.37	7.10	6.51	4.43
South Carolina	2.93	2.87	2.89	2.88	2.99	2.76	4.33	3.32
South Dakota	5.07	3.84	3.28	2.92	3.20	3.15	3.39	3.72
Tennessee	3.07	2.86	3.04	3.09	3.10	3.74	3.59	3.84
Texas	1.72	1.88	1.88	1.80	1.76	1.99	1.93	2.20
Utah	2.10	2.41	2.44	2.54	2.61	2.63	2.63	2.74
Vermont	3.65	3.37	3.31	3.38	3.47	3.56	3.38	3.47
Virginia	2.71	3.77	3.63	3.89	3.92	4.43	4.29	3.15
Washington	2.58	2.70	2.87	2.64	2.66	2.79	2.93	2.95
West Virginia	2.47	2.57	2.49	2.55	2.51	2.66	2.76	2.93
Wisconsin	2.43	2.86	2.83	3.07	3.28	3.48	3.57	3.36
Wyoming	2.98	3.22	3.18	3.43	3.49	3.37	3.33	3.51
Total	2.38	2.44	2.52	2.58	2.75	2.95	2.94	3.05

NA = Not Available.

— = Not Applicable.

Notes: Data for 1994 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 24 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857.

Table 23. Average Price of Natural Gas Delivered to Electric Utility* Consumers, by State, 1995-1996
(Dollars per Thousand Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996				
				June	May	April	March	February
Alabama	2.77	2.02	2.60	2.71	2.59	3.10	3.29	2.82
Alaska	1.25	1.34	0.74	1.47	1.04	1.16	1.22	1.29
Arizona	3.15	1.88	2.42	3.33	4.43	2.30	2.31	3.19
Arkansas	2.55	1.79	2.00	2.40	2.30	2.54	2.71	7.11
California	2.63	2.40	2.80	2.44	2.60	2.53	2.58	3.03
Colorado	1.79	1.74	2.39	1.52	1.85	2.06	1.79	1.75
Connecticut	2.68	2.10	4.37	2.69	2.62	2.79	—	—
Delaware	3.70	2.36	2.84	3.01	3.19	4.14	2.89	4.63
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.18	2.19	2.39	3.09	2.91	3.18	3.50	2.83
Georgia	3.67	3.14	3.52	3.25	3.80	5.05	5.18	4.90
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	2.77	1.60	2.36	2.60	2.43	3.03	3.12	3.24
Indiana	3.46	2.44	3.16	3.32	3.21	3.40	3.85	3.98
Iowa	3.34	2.83	3.46	2.55	2.64	3.82	5.45	3.44
Kansas	2.22	1.69	2.06	2.16	2.13	2.45	2.18	2.46
Kentucky	3.59	3.11	3.16	3.15	3.78	3.40	3.72	3.57
Louisiana	3.08	1.85	2.46	2.72	2.63	2.99	3.25	4.04
Maine	—	—	—	—	—	—	—	—
Maryland	3.51	2.49	3.08	3.12	3.13	3.97	5.72	6.54
Massachusetts	3.64	2.06	2.64	3.03	3.08	3.62	4.17	3.70
Michigan	0.81	0.65	1.13	0.88	0.90	0.71	0.83	0.90
Minnesota	2.28	1.81	2.33	2.09	2.36	2.63	2.43	2.13
Mississippi	3.33	1.75	2.43	2.64	2.49	2.95	3.50	8.16
Missouri	2.56	1.57	2.19	2.50	2.42	2.20	3.37	3.12
Montana	7.36	6.78	1.91	4.69	5.95	8.98	20.05	3.68
Nebraska	1.85	1.89	2.10	1.74	1.58	1.94	2.39	2.19
Nevada	2.03	1.71	2.25	1.98	1.90	2.08	2.14	2.22
New Hampshire	—	1.98	2.32	—	—	—	—	—
New Jersey	3.12	2.09	2.41	3.14	3.37	3.50	3.67	2.85
New Mexico	2.10	1.56	2.15	1.99	2.04	2.17	2.23	2.16
New York	3.16	2.18	2.55	2.89	2.80	3.35	3.32	3.91
North Carolina	2.85	2.37	3.16	2.93	2.66	3.23	—	—
North Dakota	3.00	3.72	4.32	2.81	2.91	—	—	—
Ohio	3.41	2.31	4.23	3.51	2.99	3.48	3.74	3.54
Oklahoma	3.12	2.38	3.09	2.72	2.95	3.15	3.35	4.13
Oregon	—	1.42	2.17	—	—	—	—	—
Pennsylvania	3.44	2.25	3.17	2.74	3.38	2.64	3.61	5.41
Rhode Island	2.29	1.93	2.31	2.13	2.10	2.36	2.37	2.45
South Carolina	4.14	1.78	3.66	3.69	4.75	4.44	4.72	4.35
South Dakota	—	2.13	2.59	—	—	—	—	—
Tennessee	—	—	1.20	—	—	—	—	—
Texas	2.44	1.92	2.38	2.46	2.35	2.48	2.35	2.60
Utah	9.52	2.81	2.58	2.39	—	—	—	20.25
Vermont	3.03	1.91	2.63	3.17	—	2.72	—	—
Virginia	2.88	2.78	3.16	3.14	3.61	1.51	3.09	1.99
Washington	5.16	4.79	4.21	5.52	4.05	4.22	5.51	4.90
West Virginia	3.58	3.88	4.39	3.31	2.82	3.00	2.70	2.75
Wisconsin	2.89	2.24	2.93	2.56	2.71	3.01	4.19	2.88
Wyoming	—	9.65	4.39	—	—	—	—	—
Total	2.70	2.02	2.50	2.59	2.52	2.68	2.70	3.06

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1996	1995						
	January	Total	December	November	October	September	August	July
Alabama	3.71	2.01	2.68	2.19	2.02	1.94	1.75	1.86
Alaska	1.32	1.29	1.24	1.30	1.28	1.29	1.13	1.22
Arizona	2.71	1.77	2.35	1.94	1.84	1.92	1.59	1.63
Arkansas	2.02	1.74	2.68	1.80	1.83	1.68	1.63	1.62
California	2.69	2.28	2.57	2.32	2.37	2.08	2.02	2.18
Colorado	1.80	1.74	1.90	1.73	1.82	1.90	1.72	1.48
Connecticut	—	—	—	2.10	1.85	1.80	1.82	1.95
Delaware	4.63	2.34	3.70	2.64	2.13	2.06	2.00	2.00
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.87	2.26	3.07	2.43	2.29	2.22	2.11	2.20
Georgia	7.30	2.79	4.55	3.67	3.14	3.06	2.76	2.62
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	3.19	1.71	2.48	2.04	1.78	1.68	1.59	1.53
Indiana	3.39	2.49	3.01	2.72	2.78	2.49	2.31	2.36
Iowa	3.36	2.72	2.94	3.02	2.73	2.71	2.52	2.38
Kansas	2.28	1.58	2.06	1.58	1.50	1.57	1.49	1.43
Kentucky	3.96	3.01	3.14	2.57	2.87	2.50	2.42	2.54
Louisiana	3.72	1.88	2.72	2.08	1.93	1.85	1.67	1.78
Maine	—	—	—	—	—	—	—	—
Maryland	6.01	2.24	5.16	2.80	2.51	2.03	2.10	2.16
Massachusetts	6.47	2.06	3.92	2.59	2.02	1.93	1.81	1.88
Michigan	0.65	0.73	0.61	0.71	0.43	0.77	1.09	0.79
Minnesota	2.10	1.77	2.11	2.19	1.60	1.67	1.69	1.65
Mississippi	4.08	1.78	2.76	1.96	1.90	1.73	1.60	1.64
Missouri	3.11	1.69	2.38	2.10	1.88	1.91	1.71	1.64
Montana	1.86	3.84	3.84	1.40	7.42	2.07	1.55	7.37
Nebraska	1.96	1.65	1.91	1.67	1.50	1.51	1.54	1.50
Nevada	1.99	1.71	2.02	1.80	1.82	1.75	1.53	1.56
New Hampshire	—	—	—	—	1.93	1.81	1.71	1.79
New Jersey	2.76	2.18	3.12	2.63	2.26	2.12	2.09	2.03
New Mexico	2.07	1.57	1.83	1.74	1.65	1.64	1.44	1.41
New York	4.49	2.13	3.10	2.58	2.03	1.93	1.89	1.94
North Carolina	3.07	—	—	3.04	2.07	2.00	2.45	2.43
North Dakota	3.58	3.71	3.58	3.59	—	4.07	—	3.95
Ohio	3.94	2.34	3.04	2.28	2.66	2.16	2.38	2.09
Oklahoma	3.13	2.34	2.88	2.78	2.95	2.16	2.07	2.09
Oregon	—	1.31	1.53	1.73	1.42	1.01	0.94	0.93
Pennsylvania	4.57	2.04	2.63	2.72	1.90	1.80	1.77	1.99
Rhode Island	2.38	1.90	2.06	1.70	1.76	2.05	2.00	—
South Carolina	4.23	1.64	3.70	3.55	1.55	1.59	1.56	1.90
South Dakota	—	1.58	2.39	2.02	—	1.64	1.37	1.43
Tennessee	—	—	—	—	—	—	—	—
Texas	2.48	1.93	2.42	2.09	1.96	1.89	1.79	1.85
Utah	—	—	—	2.40	1.80	1.52	1.43	3.65
Vermont	3.06	1.95	1.96	1.85	2.13	2.31	2.29	2.33
Virginia	2.41	2.67	3.32	2.44	2.58	2.36	2.24	3.12
Washington	4.98	4.60	4.21	3.99	5.97	3.54	4.37	4.37
West Virginia	5.00	3.58	3.09	4.92	2.57	3.30	1.86	3.68
Wisconsin	2.64	2.23	2.65	2.51	2.30	2.37	2.06	1.89
Wyoming	—	8.32	16.25	12.28	4.15	4.56	14.93	3.25
Total	2.88	2.02	2.58	2.22	2.09	1.95	1.84	1.90

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1995						1994	
	June	May	April	March	February	January	Total	December
Alabama	2.07	2.05	1.95	1.84	1.97	2.19	2.37	2.23
Alaska	1.33	1.43	1.28	1.39	1.29	1.32	0.72	0.70
Arizona	2.31	2.48	1.56	1.71	1.68	1.67	2.23	2.19
Arkansas	2.01	1.88	1.63	1.41	1.41	1.52	1.87	1.60
California	2.56	2.45	2.28	2.36	2.37	2.43	2.56	2.30
Colorado	1.91	1.79	1.68	1.61	1.60	1.76	2.21	2.10
Connecticut	2.11	2.10	2.07	1.99	2.04	2.31	1.99	2.22
Delaware	2.40	2.42	2.18	2.19	2.52	2.55	2.43	2.49
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.39	2.36	2.16	1.96	2.00	1.94	2.18	2.35
Georgia	2.78	2.92	2.99	3.00	3.80	7.97	3.29	4.24
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	1.64	1.71	1.64	1.51	1.55	1.64	2.04	1.83
Indiana	2.38	2.33	2.88	2.31	2.48	2.52	2.72	2.48
Iowa	2.61	3.31	2.73	3.01	3.04	2.89	3.18	2.95
Kansas	1.70	1.85	1.64	1.51	1.62	1.82	1.89	2.00
Kentucky	2.90	4.08	3.89	2.95	2.37	2.63	2.93	2.87
Louisiana	1.95	1.91	1.78	1.69	1.76	1.88	2.17	1.96
Maine	—	—	—	—	—	—	—	—
Maryland	2.38	2.64	2.64	2.54	2.35	2.76	2.57	2.69
Massachusetts	1.97	2.09	2.07	2.00	2.27	2.74	2.32	2.15
Michigan	0.48	0.48	0.55	0.86	0.99	0.64	0.97	0.45
Minnesota	1.72	1.78	1.62	1.74	1.97	2.10	2.14	2.08
Mississippi	1.85	1.84	1.74	1.59	1.60	1.78	1.98	1.87
Missouri	1.62	1.62	1.56	1.43	1.48	1.85	1.90	2.12
Montana	2.30	4.66	25.80	12.45	37.93	6.70	1.21	3.25
Nebraska	1.96	1.94	1.60	1.90	1.90	2.09	2.02	1.93
Nevada	1.77	1.80	1.85	1.51	1.57	1.89	1.99	1.92
New Hampshire	1.98	1.98	1.98	—	—	1.85	2.13	1.97
New Jersey	2.54	2.44	1.90	1.74	1.72	1.96	2.17	1.91
New Mexico	1.53	1.57	1.50	1.44	1.48	1.84	1.99	1.95
New York	2.12	2.20	2.14	2.08	2.20	2.40	2.30	2.35
North Carolina	2.16	2.17	2.50	2.89	3.42	—	3.38	3.52
North Dakota	3.89	—	3.77	3.68	3.68	3.64	4.11	3.57
Ohio	2.13	2.18	2.47	2.28	2.16	4.03	3.85	4.98
Oklahoma	2.42	2.46	2.28	2.27	2.34	2.46	2.76	2.56
Oregon	—	1.13	1.25	1.15	1.60	1.54	1.85	1.88
Pennsylvania	2.05	2.29	1.86	2.38	2.54	2.52	2.36	2.54
Rhode Island	1.93	—	—	—	—	—	2.29	—
South Carolina	1.96	2.50	2.73	1.43	3.83	3.42	1.71	1.51
South Dakota	2.13	—	—	—	—	—	2.65	—
Tennessee	—	—	—	—	—	—	—	—
Texas	1.93	1.92	1.86	1.85	1.92	2.06	2.20	2.13
Utah	6.27	2.69	2.70	2.63	2.71	2.66	2.42	2.59
Vermont	2.31	2.31	2.23	1.86	1.90	1.82	2.31	2.09
Virginia	7.84	2.41	2.60	2.57	2.70	2.83	2.66	2.67
Washington	3.87	5.83	29.07	6.51	4.28	4.49	4.95	8.64
West Virginia	3.89	4.08	4.09	3.52	3.51	3.63	4.00	3.90
Wisconsin	2.17	2.25	2.22	2.18	2.42	2.30	2.66	2.55
Wyoming	15.69	11.58	10.51	5.93	16.27	7.69	5.80	5.54
Total	2.06	2.06	1.97	1.92	2.00	2.13	2.28	2.17

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

— = Not Applicable.

Notes: Data for 1994 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

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

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

State	YTD 1996		YTD 1995		YTD 1994		1996	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	July	
							Commercial	Industrial
Alabama	80.4	15.9	77.8	17.3	83.8	27.7	69.2	13.3
Alaska	73.6	95.9	84.3	94.4	100.0	55.7	61.8	88.7
Arizona	86.6	22.7	89.0	29.5	91.3	27.8	82.1	19.6
Arkansas	95.6	16.6	96.8	13.8	94.5	13.8	88.5	18.3
California	57.4	11.6	55.9	14.7	44.4	19.7	48.0	11.5
Colorado	NA	NA	94.9	20.4	95.4	27.9	NA	NA
Connecticut	89.6	91.3	81.6	81.4	84.5	96.4	81.3	82.0
Delaware	100.0	42.8	100.0	68.8	100.0	66.5	100.0	26.2
District of Columbia	79.8	—	79.4	—	97.0	—	62.6	—
Florida	97.7	11.0	97.4	11.3	97.8	17.5	97.6	8.2
Georgia	95.2	23.4	92.9	32.7	93.0	38.7	87.8	13.5
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	88.0	1.3	79.6	2.6	86.8	2.8	82.4	1.1
Illinois	56.0	12.2	50.4	10.6	55.3	13.9	39.3	4.9
Indiana	NA	NA	87.0	15.7	93.6	15.3	79.1	8.6
Iowa	89.4	7.6	82.2	8.2	91.5	11.3	76.5	4.8
Kansas	NA	12.3	71.2	15.9	78.8	5.1	66.2	10.0
Kentucky	90.3	25.8	88.1	22.2	93.0	36.3	83.2	21.4
Louisiana	98.0	12.3	98.0	30.6	98.0	23.7	99.1	10.2
Maine	NA	NA	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	NA	NA	97.4	16.0	97.4	21.1	NA	NA
Massachusetts	80.4	NA	87.2	32.1	72.5	26.2	68.0	36.8
Michigan	67.4	7.3	66.0	7.7	67.9	12.6	42.3	3.3
Minnesota	96.6	36.9	93.9	29.9	97.1	50.6	94.4	38.3
Mississippi	NA	NA	92.2	40.0	97.1	39.2	NA	NA
Missouri	84.6	25.7	83.7	24.3	85.8	24.8	61.7	19.4
Montana	92.0	3.7	92.2	3.4	92.2	4.2	87.9	1.8
Nebraska	NA	NA	74.8	18.9	83.9	23.3	NA	NA
Nevada	77.6	1.8	79.6	2.1	85.5	2.1	71.1	6.0
New Hampshire	NA	NA	99.4	63.1	100.0	100.0	98.0	64.7
New Jersey	74.7	52.5	88.5	54.3	93.0	61.6	54.7	45.2
New Mexico	61.9	1.1	53.7	0.7	63.4	7.6	64.2	0.7
New York	NA	16.1	NA	13.4	80.4	17.9	NA	11.8
North Carolina	98.4	66.3	91.3	42.8	98.1	66.4	95.9	61.4
North Dakota	87.4	22.0	82.2	18.3	82.2	29.7	72.2	8.5
Ohio	72.2	6.0	77.0	6.0	83.3	11.4	56.3	2.1
Oklahoma	89.9	7.4	88.9	19.9	90.3	25.5	76.4	5.2
Oregon	97.1	20.8	98.3	26.6	98.2	33.2	98.1	13.6
Pennsylvania	74.2	18.6	72.6	16.4	76.9	22.5	63.8	15.8
Rhode Island	97.5	13.5	100.0	12.1	100.0	8.5	84.4	42.2
South Carolina	99.5	82.1	95.7	80.2	99.3	72.0	100.0	87.2
South Dakota	NA	NA	88.2	29.2	89.8	39.6	NA	NA
Tennessee	NA	NA	85.4	35.5	95.4	46.4	91.1	39.5
Texas	66.1	NA	66.9	24.4	82.4	29.1	62.9	24.6
Utah	82.4	9.3	83.1	11.5	82.7	10.0	73.3	7.4
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.4	13.9	82.8	12.1	90.6	25.9	65.8	8.9
Washington	86.6	NA	93.1	36.9	96.2	44.1	80.0	21.1
West Virginia	59.3	17.2	50.0	12.6	59.6	13.8	41.5	12.8
Wisconsin	NA	36.7	93.9	50.2	96.0	49.6	NA	25.9
Wyoming	NA	NA	92.9	0.8	96.4	2.2	NA	NA
Total	72.2	18.4	72.5	22.1	80.3	26.3	60.8	17.3

See footnotes at end of table.

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

State	1996							
	June		May		April		March	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	71.0	13.6	77.3	15.4	80.5	16.6	80.8	17.3
Alaska	65.2	93.7	68.9	98.5	71.9	98.5	76.3	97.7
Arizona	83.6	21.1	84.8	29.2	84.5	22.7	87.2	24.0
Arkansas	94.2	19.1	92.4	18.8	96.3	17.9	95.6	15.0
California	53.0	10.4	52.2	11.6	63.7	12.4	63.3	12.5
Colorado	93.7	20.4	93.6	18.5	NA	NA	94.8	16.8
Connecticut	79.2	90.3	78.6	92.4	89.9	94.5	93.1	96.6
Delaware	100.0	38.2	100.0	32.3	100.0	28.5	100.0	56.9
District of Columbia	71.2	—	71.1	—	87.8	—	84.6	—
Florida	97.7	9.1	97.8	10.8	97.7	11.0	96.9	10.9
Georgia	88.0	17.1	91.6	23.9	94.4	27.9	96.6	29.6
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	86.0	1.7	85.7	1.3	87.2	1.3	88.2	1.4
Illinois	43.8	4.4	49.5	8.0	53.4	12.4	59.3	16.5
Indiana	78.0	4.9	86.8	40.5	NA	NA	95.8	24.1
Iowa	87.6	5.4	90.4	6.9	89.4	7.3	88.2	8.1
Kansas	62.5	7.9	51.7	13.8	63.7	13.2	NA	14.9
Kentucky	88.6	13.8	81.6	19.4	88.8	27.9	91.2	32.3
Louisiana	96.7	10.5	94.4	8.9	98.9	10.0	97.6	9.5
Maine	NA	NA	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	NA	NA	NA	13.7	90.9	17.5	91.1	21.8
Massachusetts	71.7	NA	77.4	38.2	80.0	43.3	82.2	35.2
Michigan	44.2	4.6	62.5	7.1	66.8	11.1	71.6	11.7
Minnesota	95.4	33.8	97.1	32.4	97.0	49.3	96.8	35.7
Mississippi	NA	NA	97.0	35.1	NA	NA	96.6	38.1
Missouri	71.8	23.2	78.4	24.7	84.6	25.8	85.4	24.2
Montana	90.5	1.8	90.5	2.8	92.4	4.0	91.6	4.8
Nebraska	NA	19.8	NA	23.4	NA	24.3	NA	25.9
Nevada	73.7	6.8	75.1	6.7	77.3	8.5	78.9	8.7
New Hampshire	NA	NA	98.9	66.9	99.1	68.1	99.2	63.6
New Jersey	64.4	32.0	67.6	41.1	72.2	34.8	77.3	41.2
New Mexico	64.1	1.7	46.7	0.2	57.1	0.9	60.3	0.4
New York	NA	12.4	NA	12.7	NA	14.5	NA	23.8
North Carolina	90.5	44.7	91.2	35.9	99.7	76.9	99.9	88.4
North Dakota	62.2	12.5	88.4	20.1	84.6	27.0	90.5	21.9
Ohio	42.0	2.8	63.1	4.3	72.2	5.9	76.0	7.2
Oklahoma	78.7	5.2	82.8	3.7	93.0	8.8	91.4	9.0
Oregon	98.3	16.3	98.1	19.3	98.1	23.7	98.6	25.5
Pennsylvania	63.6	14.4	68.2	15.9	72.2	18.6	76.5	25.5
Rhode Island	92.1	57.0	97.9	62.0	97.8	59.4	98.5	90.7
South Carolina	96.8	76.5	97.5	78.0	100.0	86.4	100.0	83.6
South Dakota	74.5	11.9	78.7	18.3	85.0	25.0	84.7	71.4
Tennessee	NA	35.0	NA	NA	NA	NA	91.7	45.4
Texas	57.5	20.5	57.7	NA	64.4	16.7	63.2	17.8
Utah	72.9	9.5	77.7	9.0	82.3	10.2	82.8	9.4
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	63.9	9.6	78.1	15.1	83.7	14.6	90.8	12.5
Washington	82.0	21.8	83.8	NA	84.4	26.0	87.6	31.3
West Virginia	25.2	12.2	42.9	12.6	51.4	12.8	60.7	14.7
Wisconsin	NA	26.2	93.3	31.0	93.4	35.6	95.6	42.8
Wyoming	NA	NA	NA	NA	NA	NA	NA	NA
Total	61.8	15.6	66.9	16.8	71.7	18.3	74.6	19.4

See footnotes at end of table.

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

State	1996				1995			
	February		January		Total		December	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	85.6	18.5	81.5	16.5	60.3	14.8	76.2	18.4
Alaska	81.0	98.4	73.7	96.3	79.9	94.4	77.9	96.1
Arizona	90.1	26.9	89.5	24.4	85.8	27.0	86.6	27.5
Arkansas	96.9	16.5	96.4	15.6	84.9	13.1	100.0	9.4
California	58.8	15.3	59.5	12.0	51.4	12.4	50.7	10.9
Colorado	96.2	17.6	95.3	25.1	87.1	18.6	93.5	23.7
Connecticut	93.2	98.2	93.4	95.1	80.4	78.5	87.5	100.0
Delaware	100.0	57.6	100.0	58.3	100.0	79.0	100.0	57.2
District of Columbia	83.8	—	80.5	—	76.8	—	77.5	—
Florida	97.1	11.7	98.8	17.4	76.8	10.3	96.5	12.2
Georgia	97.9	33.0	97.4	18.6	84.8	27.3	96.9	35.8
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	90.1	1.3	88.8	1.1	80.9	2.2	85.5	1.1
Illinois	59.3	16.3	58.1	15.5	48.8	9.8	52.6	13.2
Indiana	96.8	25.6	95.7	26.6	80.4	14.5	93.0	19.3
Iowa	91.6	8.1	90.2	10.9	86.4	8.1	91.0	10.0
Kansas	78.9	14.3	NA	12.5	55.3	16.9	64.1	19.8
Kentucky	94.3	32.4	90.1	31.2	80.1	21.9	91.6	29.5
Louisiana	97.6	9.1	99.7	30.3	89.0	29.1	96.9	31.3
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	96.9	18.8	94.7	20.3	96.8	12.7	97.0	3.6
Massachusetts	83.2	49.6	84.3	41.5	80.5	30.1	79.2	37.6
Michigan	70.5	13.7	72.2	13.7	63.0	6.6	71.1	13.2
Minnesota	97.5	27.5	96.0	38.9	80.1	31.0	94.6	35.9
Mississippi	97.8	38.7	97.9	47.8	82.1	35.4	91.6	38.6
Missouri	89.8	33.0	87.3	26.1	75.0	20.5	82.6	16.9
Montana	93.5	5.5	92.0	4.4	91.5	3.2	91.9	4.6
Nebraska	NA	29.5	NA	31.2	NA	18.6	NA	29.1
Nevada	81.1	10.0	79.7	10.0	77.1	1.8	76.0	8.3
New Hampshire	99.3	61.1	99.3	64.0	99.2	64.8	99.1	65.0
New Jersey	79.1	35.1	79.9	36.8	85.1	52.5	80.5	37.0
New Mexico	60.8	0.9	70.5	2.8	46.6	1.6	61.7	4.3
New York	NA	18.4	NA	34.7	NA	NA	78.9	17.5
North Carolina	99.8	66.9	99.9	93.5	83.4	40.7	99.9	92.4
North Dakota	92.9	25.0	90.4	31.7	82.6	NA	86.3	26.0
Ohio	76.0	9.8	77.3	8.3	71.6	4.8	77.1	4.5
Oklahoma	93.2	11.1	91.5	8.2	82.1	15.1	92.7	9.3
Oregon	98.8	26.6	92.0	10.4	94.5	25.1	98.4	25.2
Pennsylvania	77.2	24.5	76.4	15.6	67.2	14.6	71.5	22.0
Rhode Island	99.3	84.1	98.8	32.5	99.8	11.1	98.6	36.1
South Carolina	100.0	81.3	100.0	81.4	78.6	61.6	100.0	90.1
South Dakota	87.9	32.6	89.8	31.0	88.3	27.1	88.5	31.4
Tennessee	96.8	38.1	96.7	38.9	73.7	28.8	94.5	47.0
Texas	78.0	NA	73.0	19.9	62.3	22.5	74.6	21.5
Utah	85.6	10.0	84.0	9.4	81.8	11.2	82.8	9.1
Vermont	100.0	100.0	100.0	100.0	NA	100.0	100.0	100.0
Virginia	96.5	13.8	96.9	14.8	71.3	11.1	90.5	13.9
Washington	89.8	31.0	88.9	33.0	90.8	NA	89.5	29.1
West Virginia	62.3	16.6	74.7	33.7	47.3	12.5	58.7	14.5
Wisconsin	96.1	42.8	95.4	40.9	76.6	43.0	94.9	44.7
Wyoming	NA	NA	NA	NA	NA	NA	NA	0.6
Total	76.7	20.3	74.2	20.4	70.3	21.3	70.6	20.6

See footnotes at end of table.

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

State	1995							
	November		October		September		August	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	66.7	15.2	65.8	16.2	67.1	16.1	68.3	14.9
Alaska	72.9	96.6	69.2	95.6	72.1	87.8	71.2	85.2
Arizona	87.3	23.4	87.6	21.1	86.4	21.4	84.7	21.7
Arkansas	93.9	15.0	93.2	14.8	93.6	13.2	94.5	12.4
California	47.7	10.7	41.7	10.9	40.7	9.7	43.2	11.8
Colorado	93.1	28.6	89.6	28.4	88.7	23.4	89.2	19.2
Connecticut	87.7	99.6	99.7	95.5	100.0	75.5	63.7	75.6
Delaware	100.0	65.4	100.0	69.1	100.0	67.7	100.0	65.2
District of Columbia	74.6	—	64.8	—	61.6	—	66.2	—
Florida	97.2	12.5	97.6	10.4	98.0	9.8	97.7	9.4
Georgia	94.2	30.6	90.2	26.9	86.8	27.5	87.4	31.6
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	85.9	1.3	77.2	0.6	80.4	2.8	82.5	2.5
Illinois	51.2	12.1	46.4	7.7	40.2	5.7	38.9	4.2
Indiana	90.2	17.9	80.1	12.1	76.0	9.4	71.5	9.7
Iowa	89.3	12.1	86.6	10.2	80.3	6.3	77.2	5.8
Kansas	86.7	20.5	59.7	21.1	31.9	25.3	39.4	14.8
Kentucky	90.3	26.5	84.6	24.5	80.4	27.5	80.2	21.1
Louisiana	97.2	32.2	98.5	28.8	98.2	28.9	98.3	26.5
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	95.6	9.3	94.7	8.0	95.5	9.1	94.9	8.3
Massachusetts	80.6	43.8	80.0	43.2	76.4	38.3	76.3	42.0
Michigan	66.5	9.7	55.4	5.8	44.9	6.2	37.7	4.9
Minnesota	89.1	31.7	93.5	32.5	41.4	63.5	29.0	58.9
Mississippi	90.2	40.1	87.0	27.3	89.6	27.7	94.6	36.7
Missouri	76.5	20.3	69.5	17.2	68.0	19.7	67.9	18.1
Montana	91.8	3.5	88.8	2.6	88.2	2.2	88.9	1.4
Nebraska	NA	19.7	NA	22.3	NA	15.6	68.6	14.8
Nevada	71.6	7.7	68.7	6.3	72.1	6.7	70.8	6.9
New Hampshire	98.9	70.2	98.6	68.2	98.3	66.6	98.1	65.3
New Jersey	82.0	33.5	70.3	37.7	82.5	33.1	73.4	35.5
New Mexico	58.6	4.4	50.8	3.3	47.4	1.9	54.2	1.3
New York	78.1	15.6	68.6	NA	66.8	11.2	62.8	10.0
North Carolina	93.4	47.6	87.8	37.8	87.0	27.8	86.7	25.7
North Dakota	90.0	66.7	64.0	NA	70.7	11.4	58.7	9.8
Ohio	77.7	5.2	69.7	3.7	58.1	3.1	58.7	3.1
Oklahoma	86.0	7.6	77.2	7.0	81.5	12.8	75.8	7.5
Oregon	98.0	19.2	54.9	28.2	98.1	24.1	97.9	22.5
Pennsylvania	48.9	12.9	67.5	13.0	62.5	12.3	63.7	12.2
Rhode Island	100.0	51.4	100.0	59.3	100.0	49.2	100.0	47.6
South Carolina	95.1	78.6	94.3	79.9	94.3	82.7	94.1	81.0
South Dakota	85.8	35.0	82.4	21.4	75.9	20.0	75.6	14.4
Tennessee	95.8	49.7	87.0	33.9	85.5	27.4	84.0	22.8
Texas	72.7	23.9	55.3	22.0	71.5	24.1	59.7	25.9
Utah	80.3	10.6	79.4	11.3	75.3	11.1	71.4	11.4
Vermont	100.0	100.0	NA	100.0	100.0	100.0	100.0	100.0
Virginia	83.1	15.4	70.7	7.8	70.7	11.1	72.8	10.1
Washington	88.6	28.4	87.7	NA	72.6	NA	90.6	29.5
West Virginia	92.0	14.2	40.0	12.6	36.9	11.6	36.2	11.9
Wisconsin	94.8	44.8	91.1	45.5	86.9	47.0	88.2	42.5
Wyoming	NA	NA	NA	NA	NA	NA	99.0	0.8
Total	70.7	21.4	64.0	19.5	59.1	19.3	58.1	19.3

See footnotes at end of table.

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

State	1995							
	July		June		May		April	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	69.4	13.7	70.1	15.1	72.1	15.4	76.7	17.1
Alaska	72.0	91.3	76.4	91.6	81.9	98.4	83.8	97.9
Arizona	84.3	27.2	87.8	35.1	87.6	27.0	86.7	32.9
Arkansas	92.9	12.1	94.3	13.1	94.4	13.2	95.9	14.5
California	43.4	13.2	52.8	15.0	50.0	15.0	56.6	15.0
Colorado	91.8	19.5	95.3	15.0	94.8	19.5	94.0	24.1
Connecticut	61.8	80.9	66.1	83.3	75.4	90.0	81.5	81.1
Delaware	100.0	62.4	100.0	67.9	100.0	79.0	100.0	75.6
District of Columbia	68.1	—	69.6	—	73.3	—	76.5	—
Florida	98.0	9.0	98.0	10.3	97.8	11.3	97.8	11.8
Georgia	86.3	35.7	87.4	30.5	88.8	29.2	89.9	26.3
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	83.7	3.0	85.3	3.2	86.0	2.5	85.5	3.0
Illinois	39.5	5.4	43.5	8.0	40.4	8.4	48.9	10.6
Indiana	72.5	8.0	75.1	8.8	82.6	10.1	86.5	13.8
Iowa	79.6	6.0	81.5	5.6	85.8	5.0	88.5	7.6
Kansas	61.7	17.8	61.5	20.4	58.9	15.2	65.4	16.7
Kentucky	75.0	19.0	79.2	23.3	86.4	21.8	85.3	22.4
Louisiana	97.9	26.7	97.9	31.3	98.1	30.0	98.5	29.4
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	94.4	9.9	96.2	10.6	95.9	13.9	96.7	7.2
Massachusetts	73.5	38.5	81.8	59.4	87.4	46.1	87.7	44.7
Michigan	39.9	4.7	43.7	4.9	59.5	6.5	66.4	10.8
Minnesota	91.0	27.3	92.7	34.3	95.3	34.6	96.0	35.3
Mississippi	92.8	35.5	88.2	36.7	92.2	41.9	92.4	39.2
Missouri	69.6	20.4	73.1	20.0	79.4	21.0	80.5	21.8
Montana	89.6	1.7	90.2	1.5	92.0	2.5	91.9	8.6
Nebraska	70.4	11.8	65.2	16.0	67.0	15.3	73.9	17.2
Nevada	73.6	7.5	77.2	7.2	77.8	7.2	79.6	8.6
New Hampshire	98.4	57.6	98.5	59.7	98.9	62.2	99.3	66.8
New Jersey	77.1	33.9	78.5	35.2	83.3	42.5	86.3	39.8
New Mexico	57.0	1.0	50.5	0.8	43.9	0.5	49.8	0.7
New York	65.2	10.3	65.2	10.8	70.7	12.1	78.5	13.2
North Carolina	87.7	27.3	86.0	41.2	90.3	42.1	75.4	45.3
North Dakota	61.4	7.0	70.5	13.2	79.9	14.0	83.1	18.1
Ohio	62.7	2.6	61.2	4.0	67.6	4.2	76.6	5.9
Oklahoma	80.1	17.1	81.5	16.0	86.6	19.0	87.0	24.2
Oregon	98.1	22.2	97.8	23.8	97.9	24.0	98.2	28.2
Pennsylvania	64.9	12.8	66.2	11.9	68.4	13.9	71.0	17.1
Rhode Island	100.0	39.8	100.0	52.4	100.0	48.1	100.0	47.3
South Carolina	94.0	85.5	92.2	81.9	94.7	83.1	94.0	79.7
South Dakota	76.5	15.0	77.1	17.3	82.8	21.8	87.2	31.5
Tennessee	36.5	40.4	90.3	38.3	86.2	40.9	89.3	27.9
Texas	64.4	23.6	70.2	24.7	50.5	21.5	65.6	26.2
Utah	74.0	10.8	79.4	11.0	80.1	9.3	83.2	10.1
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	69.1	8.3	71.8	10.5	73.4	9.2	74.9	11.8
Washington	90.7	33.1	91.2	33.7	91.7	33.3	92.5	37.8
West Virginia	34.7	13.1	33.1	12.4	40.0	12.5	48.3	12.3
Wisconsin	87.2	43.0	88.3	45.1	92.4	47.8	94.1	52.4
Wyoming	89.3	0.8	91.8	0.8	90.6	0.7	93.4	0.7
Total	60.7	19.7	66.0	21.5	66.1	20.7	71.8	22.2

See footnotes at end of table.

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

State	1995						1994	
	March		February		January		Total	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	81.9	18.1	81.8	20.4	77.9	21.2	80.3	27.3
Alaska	83.2	98.3	83.9	98.0	100.0	97.5	100.0	58.4
Arizona	88.6	33.0	92.7	24.8	91.6	25.7	90.7	30.3
Arkansas	96.9	14.4	98.3	16.6	97.7	15.3	95.1	14.1
California	64.5	17.3	58.4	18.8	61.2	16.9	48.8	19.5
Colorado	94.8	24.8	95.8	22.0	95.6	24.3	94.8	14.7
Connecticut	85.6	87.7	88.1	92.8	86.6	88.8	80.9	95.3
Delaware	100.0	62.9	100.0	64.9	100.0	63.4	100.0	67.3
District of Columbia	82.8	—	86.4	—	81.7	—	90.9	—
Florida	97.3	12.0	97.2	11.7	96.5	12.5	97.9	17.3
Georgia	92.7	30.3	96.8	37.1	95.7	41.1	92.0	37.4
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	54.9	2.3	89.1	2.7	89.7	1.8	85.8	2.9
Illinois	52.3	10.1	52.5	14.0	54.0	13.9	52.8	12.4
Indiana	89.0	13.5	89.4	16.4	89.2	29.8	92.3	13.4
Iowa	90.9	8.1	91.8	10.8	74.9	13.3	90.4	11.5
Kansas	80.4	14.8	69.6	17.5	79.5	11.8	78.4	6.6
Kentucky	89.2	20.0	90.5	24.0	90.1	23.6	91.4	31.2
Louisiana	98.0	30.8	98.1	35.1	97.6	31.3	97.9	24.9
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	97.8	30.0	98.5	23.6	97.9	14.5	97.1	16.8
Massachusetts	91.6	46.2	88.8	46.5	87.3	42.4	76.2	39.3
Michigan	69.7	12.7	70.4	14.1	71.1	14.2	65.7	15.1
Minnesota	94.8	22.5	93.2	25.7	93.0	30.7	96.0	42.9
Mississippi	93.1	40.9	93.1	43.5	92.1	41.7	96.6	39.1
Missouri	86.2	25.2	87.9	29.5	85.5	27.3	83.3	20.9
Montana	92.5	1.8	92.5	2.3	93.0	4.9	91.8	3.9
Nebraska	76.0	20.1	79.3	25.5	80.1	26.9	80.2	21.6
Nevada	78.1	8.0	83.7	9.8	82.1	10.5	82.5	9.3
New Hampshire	99.3	70.7	99.6	53.6	100.0	66.2	100.0	95.0
New Jersey	90.6	44.8	91.7	43.2	93.1	43.7	91.6	57.5
New Mexico	52.7	0.6	67.2	0.4	54.2	1.0	62.4	9.7
New York	NA	13.5	82.0	16.6	79.8	17.5	79.6	21.0
North Carolina	94.3	48.8	95.9	47.6	95.6	46.5	96.6	59.0
North Dakota	84.2	20.7	85.7	25.1	84.2	25.0	79.6	24.7
Ohio	78.5	6.9	79.9	8.6	80.9	8.1	81.5	9.7
Oklahoma	90.9	20.9	91.0	25.9	91.4	17.5	88.5	24.3
Oregon	98.2	29.5	98.4	29.5	98.5	28.4	98.1	31.5
Pennsylvania	74.6	19.4	74.1	18.2	74.8	19.1	74.4	20.5
Rhode Island	100.0	45.3	100.0	37.4	100.0	38.1	100.0	9.0
South Carolina	96.0	80.8	97.1	76.1	97.4	76.2	98.5	76.8
South Dakota	89.7	39.4	90.8	38.2	92.1	38.2	89.1	37.4
Tennessee	92.6	36.5	94.8	33.8	94.6	35.9	94.1	45.6
Texas	72.6	26.1	70.4	22.4	72.3	27.0	82.4	25.7
Utah	82.5	15.6	85.6	13.2	85.6	10.8	83.3	12.0
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	87.1	14.3	88.6	16.4	89.4	16.1	86.7	21.5
Washington	94.1	41.2	93.9	39.2	94.2	38.0	95.4	41.6
West Virginia	53.8	12.5	57.4	13.0	53.2	12.5	55.2	13.0
Wisconsin	94.7	51.6	95.1	53.5	94.5	52.7	93.5	48.8
Wyoming	94.5	0.8	98.4	0.7	89.9	0.9	96.1	2.2
Total	75.4	23.0	76.0	23.3	75.7	23.8	79.3	25.5

NA = Not Available.

— = Not Applicable.

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

Source: Form EIA-857.

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

Source: Form EIA-857.

Appendix A

Explanatory Notes

Appendix A

Explanatory Notes

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

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

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

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

Note 1. Nonhydrocarbon Gases Removed

Annual Data

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

Preliminary Monthly Data

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

Final Monthly Data

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

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

Note 2. Supplemental Gaseous Fuels

Annual Data

Annual data are published from Form EIA-176.

Preliminary Monthly Data

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

Final Monthly Data

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

Note 3. Production

Annual Data

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

Estimated Monthly Data

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

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

Preliminary Monthly Data

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

Final Monthly Data

Final monthly data for 1993 and 1994 are the sums of monthly data reported on the annual Form EIA-627, "Annual Quantity and Value of Natural Gas Report." For prior years, the differences between each State's annual production data reported on the EIA-627 and the sum of its monthly IOGCC reports for the year were allocated proportionally to the monthly IOGCC data.

Note 4. Imports and Exports

Annual Data and Final Monthly Data

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

Preliminary Monthly Data - Imports

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

Preliminary Monthly Data - Exports

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

Note 5. Consumption

All Annual Data

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

Monthly Data

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

Total Consumption

Preliminary Monthly Data

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

Final Monthly Data

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

Residential, Commercial, and Industrial Sector Consumption

Preliminary Monthly Data

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

Average Price of Deliveries to Consumers

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

Final Monthly Data

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

Electric Utility Sector Consumption

All Monthly Data

Monthly data published are from Form EIA-759.

Pipeline Fuel Consumption

Preliminary Monthly Data

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

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each month's revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

Lease and Plant Fuel Consumption

Preliminary Monthly Data

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

Final Monthly Data

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

Note 6. Extraction Loss

Annual Data

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

Preliminary Monthly Data

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

Final Monthly Data

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

Note 7. Natural Gas Storage

Underground Natural Gas Storage

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

Underground and Liquefied Natural Gas Storage

The final monthly and annual storage and withdrawal data for 1988 through 1994 shown in Table 2 include both underground and liquefied natural gas (LNG) storage. Underground storage data are obtained from the EIA-191 and EIA-176 surveys in the manner described earlier. Annual data on LNG additions and withdrawals are taken from Form EIA-176. Monthly data are estimated by computing the ratio of each month's underground storage additions and withdrawals to annual underground storage additions and withdrawals and applying it to annual LNG data.

Note 8. Average Wellhead Value

Annual Data

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

Initial Monthly Data

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

Preliminary Monthly Data

A preliminary estimate of the U.S. gas price is made each month based on the change in the production-

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

Final Monthly Data

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

Note 9. Balancing Item

The "balancing item" category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data reporting problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents.

Annual Data

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

Preliminary Monthly Data

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

Note 10. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temper-

ature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day data bases maintained by the National Oceanic and Atmospheric Administration. The information published in the *Natural Gas Monthly* is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

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

Appendix B

Data Sources

Data Sources

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

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

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

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

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

Survey Design

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

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

In 1988, the Form EIA-176 was revised to include data collection for deliveries of natural gas to commercial and industrial consumers for the account of others. A short version of Form EIA-176 was also approved in 1988. Companies engaged in purchase and delivery activities but not in transportation and storage activities may file the short form. Usually, these companies are municipals handling small volumes of gas.

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

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

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

Survey Universe and Response Statistics

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

Each company and its parent company or subsidiaries were required to file if they met the survey specifications. The original mailing in 1995 for report year 1994 totaled 2,050 questionnaire packages. To this original mailing, 23 names were added and 97 were deleted as a result of the survey processing. Additions were the result of comparisons of the mailing list to other survey mailing lists. Deletions resulted from post office returns and determinations that companies were out of business, sold, or not within the scope of the survey. After all updates, the survey universe was 1,976 responses from approximately 1,800 companies. Following the original mailing, second request mailing, and nonrespondents followup, 1,962 responses were entered into the data base, and there were fourteen nonrespondents.

Summary of Form EIA-176 Data Reporting Requirements

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

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

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

Routine Form EIA-176 Edit Checks

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

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

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

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

Other EIA Publications Referencing Form EIA-176

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

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

Survey Design

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

Survey Universe and Response Statistics

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

Summary of Form EIA-627 Data Reporting Requirements

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

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

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

Routine Form EIA-627 Edit Checks

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

Other EIA Publications Referencing Form EIA-627

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

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

Survey Design

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

Survey Universe and Response Statistics

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

Summary of Data Requirements

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

Routine Edit Checks

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

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

Survey Design

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

At the beginning of 1979, the EIA assumed responsibility for the collection, processing, and publication of the data gathered in the survey. Form FEA-G-318 was renewed on July 1, 1979, as Form EIA-191 and the survey was retitled the FPC-8/EIA-191 Survey (Figure D4 shows the EIA-191). Form FPC-8 was renewed in December 1985 and the survey retitled FERC-8/EIA-191 Survey. The forms were not merged because of FERC's stated desire to maintain the separate identity of the FERC-8 for administrative reasons. In September 1995, the FERC discontinued the reporting requirements of Form FERC-8. FERC jurisdictional firms will continue to file Form EIA-191.

Survey Universe and Response Statistics

The 103 companies that operate underground facilities will file the Form EIA-191. Of these companies, 42 are subject to the jurisdiction of FERC and are required to report data on Form FERC-191.

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

Summary of EIA-191 Data Reporting Requirements

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

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

Routine Form EIA-191 Edit Checks

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

Other EIA Publications Referencing Form EIA-191

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

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

Survey Design

The collection of data covering natural gas imports and exports was begun in 1973 by the Federal Power Commission (FPC). On October 1977, FPC ceased to exist and its data collection functions were transferred to the Federal Energy Regulatory Commission (FERC) within the Department of Energy (DOE). Since 1979, the Energy Information Administration (EIA) has had the responsibility for collecting Form FPC-14. Data are not considered proprietary. The Form FPC-14 was discontinued in 1995.

Survey Universe and Response Statistics

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

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

Routine Form FPC-14 Edit Checks

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

paid at the U.S. border. LNG export prices are those paid at the point of sale and delivery in Yokohama, Japan.

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

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

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

Survey Design

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

Survey Universe and Response Statistics

A sample of 382 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies, report to the survey. The sample was selected independently for each of the 50 States and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 on a monthly basis. Initial response statistics on a monthly basis are as follows: responses received by due date, approximately 50 percent, and responses received after follow-up, 100 percent. Virtually all are received in time for incorporation in the current month's processing cycle. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company's submission is eventually received, the submitted data are used for future processing and revisions.

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

Summary of Form EIA-857 Data Reporting Requirements

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

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

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

Routine Form EIA-857 Edit Checks

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

Appendix C

Statistical Considerations

Statistical Considerations

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

Sample Design

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

Sample Universe. The sample currently in use was selected from a universe of 1,563 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 1994 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

Sampling Plan. The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability proportional to size was designed. The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 1994. There were two strata—companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 390 respondent companies. Unlike previous years, no mergers or acquisitions were uncovered as a result of the initial mail-out. Therefore there was no need for either substitution of respondent companies or a reduction in the total number of respondents.

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

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

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

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

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.

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

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

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

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

Estimation Procedures

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

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

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

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

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:

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

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, July 1996

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	69	428	518	675	0.35	2.51	0.34
Alaska	0	0	0	0	—	—	—
Arizona	10	124	0	124	0.10	0.09	—
Arkansas	9	5	6	12	0.10	0.02	0.01
California	183	129	373	435	0.07	0.10	0.05
Colorado	NA	NA	NA	NA	NA	NA	NA
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	0	0	—	—	—
District of Columbia	0	0	0	0	—	—	—
Florida	337	360	877	1,006	0.16	0.21	0.88
Georgia	230	208	5,839	5,847	0.31	0.29	11.14
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	110	77	242	277	0.06	0.12	1.00
Indiana	182	180	598	651	0.73	0.39	0.48
Iowa	12	38	64	75	0.07	0.09	0.51
Kansas	123	277	30,994	30,995	0.25	0.15	0.83
Kentucky	1,330	1,540	3,977	4,467	8.60	1.82	6.23
Louisiana	134	28	4,600	4,602	0.46	0.13	0.04
Maine	0	0	0	0	—	—	—
Maryland	NA	NA	NA	NA	NA	NA	NA
Massachusetts	55	139	672	689	0.51	0.21	0.12
Michigan	1,533	1,061	4,408	4,786	0.63	0.67	0.38
Minnesota	141	78	545	568	0.17	0.08	0.19
Mississippi	NA	NA	NA	NA	NA	NA	NA
Missouri	187	300	757	835	0.25	0.04	0.07
Montana	1	3	0	3	0.01	0.01	—
Nebraska	0	NA	NA	NA	—	NA	NA
Nevada	0	0	0	0	—	—	—
New Hampshire	0	0	0	0	—	—	—
New Jersey	0	0	0	0	—	—	—
New Mexico	470	256	0	535	0.99	1.06	—
New York	1,122	NA	12,491	NA	0.39	NA	0.76
North Carolina	30	53	221	229	0.33	0.22	0.01
North Dakota	0	0	0	0	—	—	—
Ohio	758	437	2,156	2,327	0.22	0.33	0.57
Oklahoma	48	569	768	957	0.18	0.16	2.36
Oregon	0	0	0	0	—	—	—
Pennsylvania	198	649	1,950	2,065	0.20	0.10	1.03
Rhode Island	0	0	0	0	—	—	—
South Carolina	36	104	390	405	0.86	1.17	0.28
South Dakota	NA	NA	NA	NA	NA	NA	NA
Tennessee	88	503	524	731	0.25	0.63	0.39
Texas	0	0	9,213	9,213	—	—	—
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	44	154	3,222	3,226	0.77	0.42	3.47
Washington	0	0	0	0	—	—	—
West Virginia	231	4,127	164	4,137	3.74	21.59	0.32
Wisconsin	NA	NA	689	NA	NA	NA	0.09
Wyoming	NA	NA	NA	NA	NA	NA	NA
Total	2,683	5,611	36,272	36,802	0.12	0.16	0.47

NA = Not Available.

— = Not Applicable.

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

Appendix D

Natural Gas Reports and Feature Articles

Natural Gas Reports and Feature Articles

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

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

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

- *Monthly Energy Review*, DOE/EIA-0035. Published monthly. Provides national aggregate data for natural gas, natural gas liquids, and other energy sources.
- *Short-Term Energy Outlook*, DOE/EIA-0202. Published quarterly. Provides forecasts for next six quarters for natural gas and other energy sources.
- *Natural Gas 1995: Issues and Trends*, DOE/EIA-0560(95), November 1995.
- *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves - 1995 Annual Report*, DOE/EIA-0216(95)/Advance Summary, October 1996.
- *Annual Energy Review 1995*, DOE/EIA-0384(95), July 1996. Published annually.
- *Annual Report to Congress 1995* DOE/EIA-01733(95), July 1996. Published annually.
- *Annual Energy Outlook 1996*, DOE/EIA-0383(96), January 1996. Published annually.

Selected One-Time Natural Gas and Related Reports

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

Selected and Recurring Natural Gas and Related Data Reference Reports

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

NGM Feature Articles

March 1992

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

August 1992

U.S. Natural Gas Imports and Exports - 1991

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

November 1992

Natural Gas Futures Contract Market - The First 2 Years

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

December 1992

Three-Dimensional Seismology — A New Perspective

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

Imports of Canadian Gas Under Long-Term Contracts

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

March 1993

Natural Gas 1992: Issues and Trends

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

Natural Gas Productive Capacity

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

April 1993

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

August 1993

U.S. Natural Gas Imports and Exports - 1992

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

October 1993

U.S. Production of Natural Gas from Tight Reservoirs

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

The Expanding Role of Underground Storage

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

January 1994

U.S. Coalbed Methane Production

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

February 1994

Contracting for Natural Gas Supplies

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

May 1994

Opportunities with Fuel Cells

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

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

June 1994

Natural Gas 1994: Issues and Trends - Executive Summary

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

August 1994

U.S. Natural Gas Imports and Exports - 1993

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

March 1995

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

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

July 1995

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

August 1995

U.S. Natural Gas Imports and Exports - 1994

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

June 1996

Natural Gas Industry Restructuring and Data Collection

(Discusses how restructuring of the natural gas industry has impacted the natural gas data collection efforts.)

July 1996

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

Appendix E

Technical Contacts

Appendix E

Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics:				
Natural Gas Production	1, 2, 3	Monthly:	EIA-895, "Monthly Quantity of Natural Gas Report"	Donna Guerrina (202) 586-6135
		Annual:	EIA-627, "Annual Quantity and Value of Natural Gas Report"	
		Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 426-1318
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) 426-1318
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) 426-1318
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Quarterly Natural Gas Import and Export Sales and Price Report	Norman Crabtree (202) 586-6180
Producer Related Activities:				
Natural Gas Production	7,8	Monthly:	EIA-895, "Monthly Quantity of Natural Gas Report"	Aydrey Corley (202) 426-1159

Underground Storage:	9, 10, 11 12, 13	Monthly:	Forms FERC-8 and EIA-191, "Underground Gas Storage Report"	Rosemary Jameson (202) 426-1086
Distribution and Consumption:				
Deliveries to:				
Residential,	14	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 426-1318
Commercial,	15			
Industrial,	16			
Electric Utility,	17		Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	
All Consumers	18			
Average Price to:				
City Gate,	19	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 426-1318
Residential,	20			
Commercial,	21			
Industrial,	22		Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	
Electric Utility	23			
Onsystem Sales	24	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 426-1318
Heating Degree Days	25	Seasonal:	National Oceanic and Atmospheric Administration	James Keeling (202) 586-6107
Highlights				Mary Carlson (202) 586-4749
Industry Highlights				James Todaro (202) 586-6305

Appendix F

**Natural Gas
Electronic
Products**

Natural Gas Electronic Products

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

Viewable documents represent complete or selected sections of publications including text, tables and graphs. They may be as specific as single tables or as general as an entire publication. Post-processable documents on the other hand are either macro-level representations of

information in published tables or micro-level respondent information representing responses on a specific nonconfidential survey.

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

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

V=Viewable

P=Post-Processable

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

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

V=Viewable

P=Post-Processable

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.

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.

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.

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.

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