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Natural Gas Monthly
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Electric Power Monthly, updated on the 1st of the month
Monthly Energy Review, updated the last week of the month
Short Term Energy Outlook, updated 60 days after the end of the quarter

Preface

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

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

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

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

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

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

Common Abbreviations Used in the Natural Gas Monthly

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

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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). In most cases, the newest data are for September 1996, thus providing preliminary estimates for first three quarters of the year (Figures HI1-HI4). Estimated prices are extended through June for the residential, commercial, and industrial sectors, completing the first half of the year for these data series. The presentation of recent data is followed by an update on natural gas markets. This section examines the behavior of daily spot and futures prices based on information from trade press, as well as regional, weekly data on natural gas storage from the American Gas Association (AGA).

Recent Data

Wellhead and End-Use Prices

The national average wellhead price for June 1996 is estimated to be $2.05 per thousand cubic feet, a 3-percent drop from the revised estimate of $2.11 for May (Table 4). Average wellhead prices have been substantially higher throughout 1996 compared to 1995. The June 1996 estimate is 23 percent higher than the June 1995 price of $1.66. Also, the average price for the first 6 months of 1996, $2.09 per thousand cubic feet, is 34 percent higher than for the same period of 1995 (Figure HI3). In the end-use sectors, average prices for the first half of 1996 are relatively unchanged from the same period of 1995 for residential and commercial consumers, yet have increased by 24 percent for industrial users. The average price paid for natural gas by electric utilities is 36 percent higher for January through May 1996 than for the same period in 1995.

Estimated average prices in the residential sector have risen every month in 1996. The largest increases have come in April through June. The estimated price for June 1996 is $7.72 per thousand cubic feet, 14 percent higher than the estimate for May. This price estimate for June is 38 percent higher than the January 1996 average of $5.60 per thousand cubic feet. Yet, the average residential price for the first 6 months of 1996 is $5.99 per thousand cubic feet, only one cent higher than the 1995 average for the same period.

Commercial sector prices have generally increased during 1996, but not as rapidly as in the residential sector. The price estimate for June 1996 is $5.43 per thousand cubic feet, 2 percent higher than in May and only 3 percent higher than in January. For the first 6 months of 1996, the average price of gas to commercial customers is estimated to be $5.25 per thousand cubic feet, 3 percent above the average for the same period in 1995.

The monthly average price of gas to industrial users has ranged from $3.11 to $3.55 per thousand cubic feet during the first 6 months of 1996, with the estimate for June being $3.13 per thousand cubic feet. These prices are higher than in the corresponding months of 1995 when all monthly average prices were below $3.00 per thousand cubic feet. The average industrial price for the first 6 months of 1996 is $3.35 per thousand cubic feet, 24 percent higher than for the same period of 1995.

The monthly average price of gas to electric utilities continues to decline from the high for the year of $3.06 per thousand cubic feet in February 1996. The most recent estimate is $2.52 per thousand cubic feet for May 1996. This is 6 percent lower than the estimate for April. Still, the cumulative average price in 1996 greatly exceeds that of 1995. The average price of gas to electric utilities for January through May 1996 is $2.73 per thousand cubic feet, 36 percent above the level for the same period in 1995.

Supply

Cumulative dry natural gas production for the first three quarters of 1996 is estimated to be 13,952 billion cubic feet, only 1 percent below the level for the same period in 1995 (Figure HI1, Table 1). However, average production in recent months of 1996 has been lower than in 1995. From January through June 1996, average daily production in each month has been in the range of 51 to 53 billion cubic feet. Then, in July, August, and September, production has averaged 50, 48, and 47

[1]End-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-September, 1994-1996

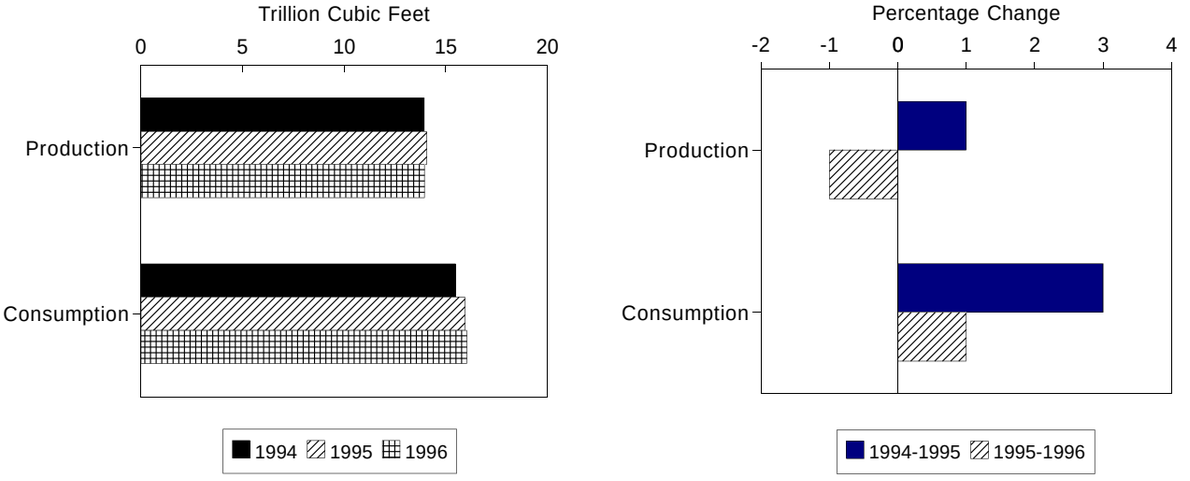
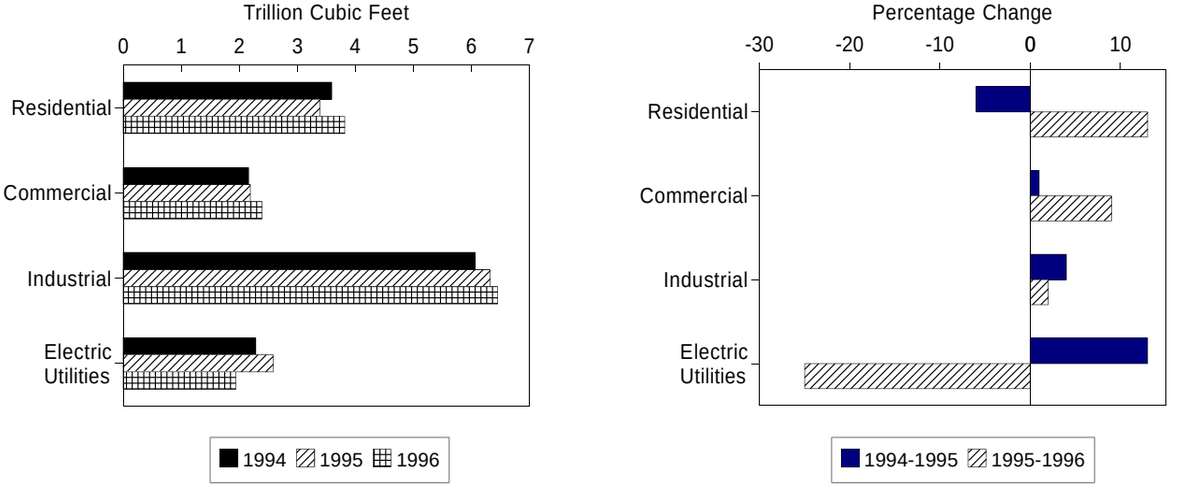
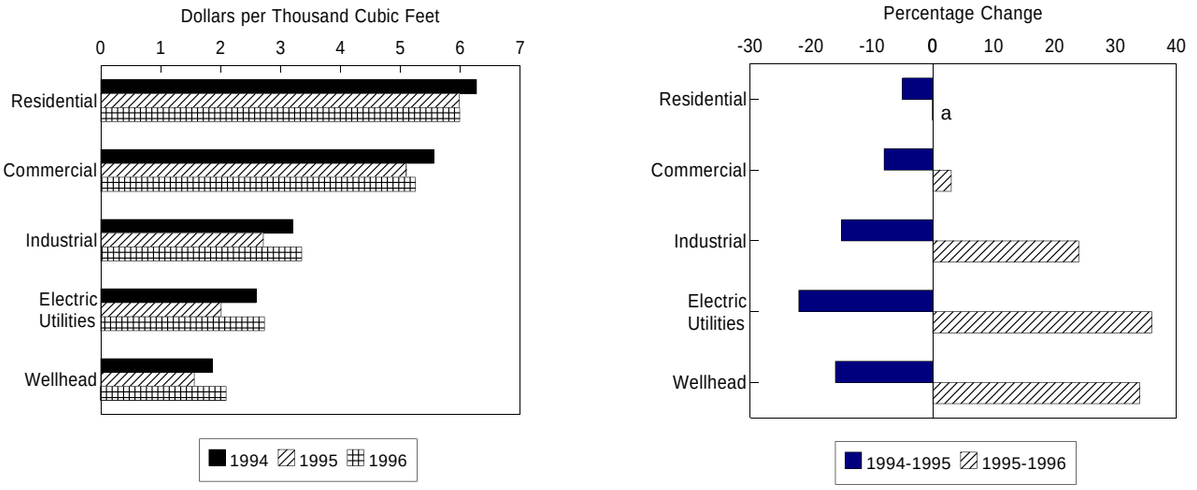


Figure HI2. Natural Gas Delivered to Consumers, January-September, 1994-1996



[a] Note: Natural gas delivered to commercial consumers in 1994 and 1995 were virtually the same.

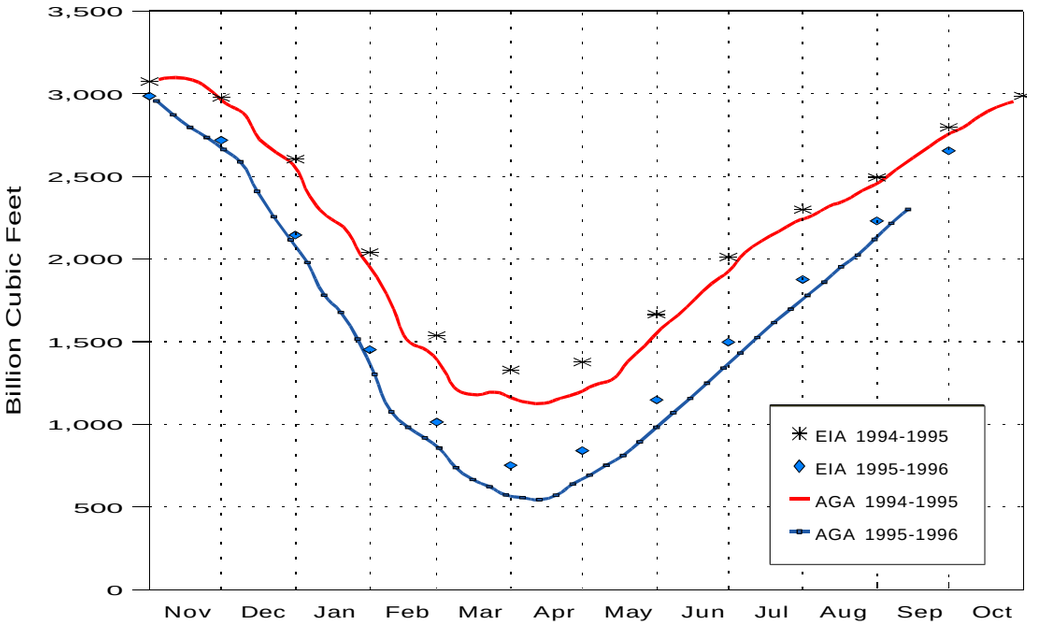
Figure HI3. Average Delivered Natural Gas Prices, January-June, 1994-1996



[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 May.

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".

billion cubic feet per day, respectively. From January through September of 1995, daily production each month was in the range of 50 to 52 billion cubic feet.

Imports reached 255 billion cubic feet in September 1996 according to the latest estimate, which was 4 percent higher than in August (Table 2). Cumulative imports for January through September 1996 are 3 percent higher than for the same period of 1995.

Inventories of natural gas in underground storage continue to be built up at a much faster rate than in 1995 as the heating season approaches. Net injections into storage are estimated to be 398 billion cubic feet in September 1996, 33 percent higher than in September 1995 (Table 9). The level of working gas at the end of September 1996 is estimated to be 2,656 billion cubic feet, 19 percent higher than at the end of August 1996 and 5 percent below the level at the end of September 1995 (Figure HI4).

End-Use Consumption

The overall pattern in natural gas consumption for 1996 remains the same--end-use consumption is very close to the level of 1995 because of increases in the residential and commercial sectors early in the year are balanced against large declines in consumption by electric utilities (Table 3). End-use consumption of natural gas in the first three quarters of 1996 is 14,605 billion cubic feet, 1 percent above 1995 consumption for the same period.

Residential consumption in September 1996 is estimated to be 132 billion cubic feet, 14 percent higher than in August, but only 1 percent lower than in September 1995. Cumulatively, residential consumption is 13 percent higher for the first three quarters of 1996 than the same period in 1995 (Figure HI2). Most of the increase occurred during the winter and early spring because the weather in 1996 was colder than in 1995. Residential consumption ranged from 12 to 19 percent higher from January through April 1996 than in 1995.

Commercial consumption in September 1996 is estimated to be 137 billion cubic feet, 4 percent higher than in August and 4 percent lower than in September 1995. Cumulatively, commercial consumption is 9 percent higher for the first three quarters of 1996 than the same period in 1995. Similar to the residential sector, most of the cumulative increase in commercial consumption of natural gas occurred from January through April 1996. During these months, commercial consumption ranged from 10 to 17 percent higher than during the same months of 1995.

Natural gas consumption in the industrial sector in 1996 is closer to that in 1995 than for any other end-use sector. Industrial consumption in September 1996 is estimated to be 681 billion cubic feet, 1 percent below that of August and 3 percent above that of September 1995. Cumulatively, industrial consumption for the first three quarters of 1996 is 6,456 billion cubic feet, 2 percent above the 1995 level for the same period.

Electric utility consumption of natural gas is estimated to have declined in September 1996 after having increased in August. September 1996 consumption is estimated to be 236 billion cubic feet, 14 percent lower than in August and 25 percent below the September 1995 level. Cumulatively, electric utility consumption for the first three quarters of 1996 is 25 percent below that of the same period in 1995.

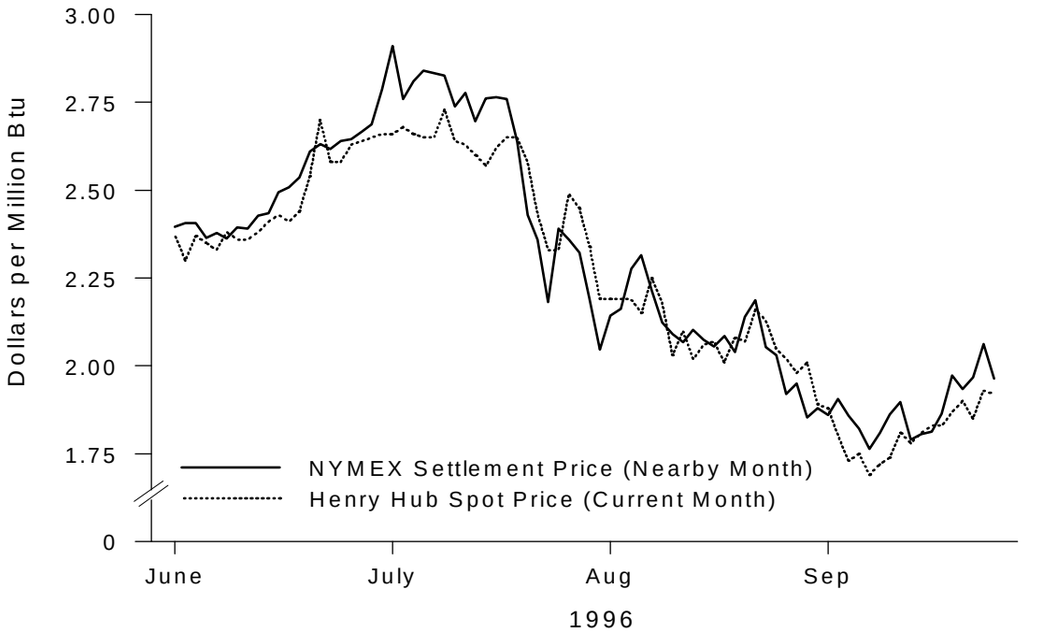
Natural Gas Market Update

This review of the natural gas market covers the period from August 19 through September 20, 1996. During the first 2 weeks of the period both spot and futures prices (for September delivery) continued the trend downward begun in mid-July, reaching yearly lows at the Henry Hub of $1.67 and $1.764 per MMBtu respectively, on September 4th. Prices then began to slowly increase and by September 20, they had returned to about $1.95 per MMBtu, comparable to prices seen in the third week of August of this year (Figure HI5). The increase in gas demand is in response to some warmer-than-normal temperatures in the South and Southwest during the first week of September along with the continued robust rate of storage refill, which almost reached 100 Bcf in the first week of September, were two contributing factors to this gradual reversal in the market pricing trends.

Spot Prices

During bid week (August 26-28), spot prices at the Henry Hub for September delivery to the eastern markets were below $1.90 per MMBtu or about $0.10 less than spot prices for August delivery. Prices at other major market hubs also decreased with many in the range of $1.55 per MMBtu at Permian Basin to $1.65 per MMBtu in Oklahoma during this period. A main factor in this decrease in spot prices was the continued moderate weather, especially in the East where many metropolitan areas experienced consistently cooler-than-normal temperatures throughout

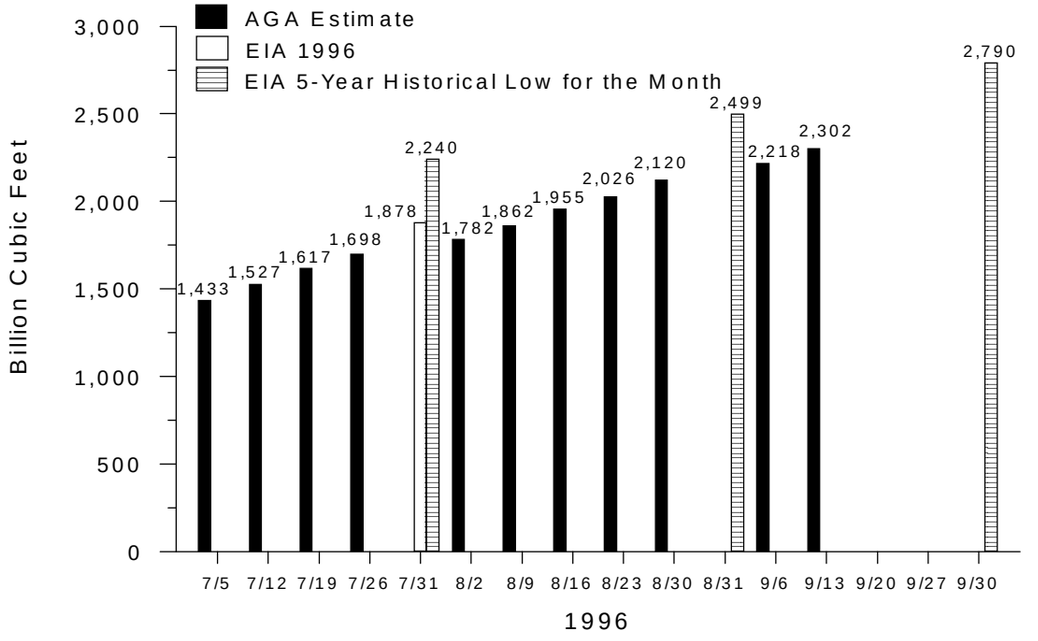
Figure HI5. Futures and Spot Prices at the Henry Hub



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.

the period. In contrast, a main factor in the daily spot price increases of $0.02 to $0.03 per MMBtu during in the first half of September, was the warmer-than-normal temperatures in the South and Southwest. On Friday, September 13, spot prices concluded the week at $1.84 per MMBtu-$0.024 less than the futures price for October delivery. Some industry observers held the view that price convergence at this time was an early signal that the supply of natural gas was more than adequate at that time. Lower prices and good supplies provided incentives for storage operators to continue their strong weekly refill rates, which averaged over 90 Bcf between August 23 and September 13. These accelerated injection rates along with the period of warmer weather in the South and Southwest have contributed to the steady rise in spot prices.

Futures Prices

The futures price for September delivery at the Henry Hub closed on Monday, August 26, at $1.852 per MMBtu - $0.473 lower than the price for August delivery but still $0.285 per MMBtu higher than the price for the same time last year. Futures prices for the months October 1996 through January 1997 also declined but at a much slower rate. The decline over the four months was: October, $0.21 per MMBtu ($1.937); November, $0.12 ($2.089); December, $0.05 ($2.217) and January, $0.04 ($2.242). As with the spot price, the futures price for October delivery reached its lowest level on September 4 when it settled at $1.764. Since that day the price for October delivery has risen steadily and settled at $1.965 per MMBtu on September 20. This increase is partially in response to increased demand for continued strong storage injections and weather related demand. If this price differential between October and January continues, it should provide impetus to storage operators and others to continue their strong refill rates over the 6 weeks.

Storage

According to the American Gas Association (AGA), estimated injections for the week ending Friday, September 6 were 98 Bcf - a weekly high for the current refill season. The previous week saw 94 Bcf added to storage and contributed to total injections of almost 350 Bcf for the 4 week period ending September 13. The unusually robust restocking of natural gas storage can be attributed to cooler-than-normal summer weather in the East and lower natural gas prices since mid-July. This refill activity is especially unusual for early September when the rate of storage injections tend to decline. This decrease is typically due to the slowing of the allowable rate of refill that occurs as conventional reservoir storage is filled. Storage facilities, especially in the East, ended the past heating season at record low levels and AGA currently estimates that their working gas capacity is 80 percent full. The most current EIA survey data reports that the working gas level at the end of July totaled 1,878 Bcf, with net injections in July of almost 360 Bcf. AGA's estimate for the same time period had about 1,760 Bcf of working gas in storage. AGA's estimates through September 13, reported a total of 2,302 Bcf of working gas available (Figure HI6), with 1,434 Bcf of this total in eastern storage facilities which have a working gas capacity in excess of 1,800 Bcf.

Net injections over the last three months have been running almost 30 percent more than the previous 5-year average for the same time period. If net injections to storage during the remaining 6 weeks of the refill season continue near 90 Bcf a week, total available working gas will be close to 3 Tcf. However, if net injections to storage in the remainder of September and October are similar to the previous 5-year weekly average of 70 and 37 Bcf respectively, total working gas in storage could be between 2.6 and 2.7 Tcf. The most likely level is somewhere in between, 2.7 to 2.8 Tcf.

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	R19	RE1,702	R79	R1,623
February	1,864	300	28	R18	RE1,519	71	R1,448
March	2,030	312	30	R18	RE1,670	78	R1,592
April	1,983	302	30	R18	RE1,633	76	R1,556
May	2,055	313	31	R18	RE1,694	79	R1,615
June	1,969	292	29	R23	RE1,625	76	R1,549
July	1,994	289	30	R23	RE1,652	77	R1,575
August	1,985	296	29	R21	RE1,639	R76	R1,563
September	1,954	284	29	R21	RE1,620	R75	R1,544
October	1,992	314	31	R22	RE1,625	76	R1,550
November	1,996	315	30	R22	RE1,628	E76	RE1,552
December	2,105	335	31	R23	RE1,716	E80	RE1,636
Total	24,008	3,679	362	R245	RE19,723	RE919	RE18,804
1996							
January	RE2,088	E323	E32	RE25	RE1,707	R80	R1,628
February	RE1,958	E307	E30	RE25	RE1,596	74	R1,522
March	RE2,051	E325	E31	RE22	RE1,673	R78	R1,595
April	RE2,008	E302	E32	RE23	RE1,651	77	R1,574
May	RE1,985	RE282	RE31	RE23	RE1,649	R77	R1,572
June	RE2,014	RE303	E32	RE23	E1,657	E77	E1,580
July	RE1,979	RE292	RE31	RE23	RE1,633	RE76	RE1,557
August	RE1,878	RE276	RE29	RE21	E1,552	E73	E1,479
September	E1,838	E273	E29	E21	E1,516	E70	E1,446
1996 YTD	E17,799	E2,682	E278	E206	E14,634	E682	E13,952
1995 YTD	17,915	2,715	269	178	14,753	687	14,066
1994 YTD	17,469	2,390	303	172	14,603	661	13,943

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

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

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

R = Revised Data.

E = Estimated Data.

RE = Revised Estimated Data.

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

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

Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1990-1996

(Billion Cubic Feet)

Year and Month	Supply					Total Supply/ Disposition[d]	Disposition		
	Total Dry Gas Production	Withdrawals from Storage[a]	Supplemental Gaseous Fuels[b]	Imports	Balancing Item[c]		Additions to Storage[a]	Exports	Consumption[e]
1990 Total	17,810	1,986	123	1,532	-149	21,302	2,499	86	18,716
1991 Total	17,698	2,752	113	1,773	-500	21,836	2,672	129	19,035
1992 Total	17,840	2,772	118	2,138	-508	22,360	2,599	216	19,544
1993 Total	18,095	2,799	119	2,350	-110	23,254	2,835	140	20,279
1994									
January	1,609	841	13	241	-122	2,582	29	11	2,542
February	1,442	598	11	199	126	2,375	44	13	2,318
March	1,614	243	10	223	79	2,169	100	19	2,050
April	1,534	61	9	212	130	1,945	294	9	1,642
May	1,588	17	8	206	38	1,857	447	8	1,402
June	1,515	30	8	201	42	1,795	397	13	1,386
July	1,569	19	8	221	4	1,821	429	11	1,381
August	1,576	22	8	219	-15	1,810	388	14	1,408
September	1,496	14	8	210	1	1,728	360	14	1,354
October	1,554	47	9	222	-119	1,711	229	13	1,469
November	1,596	204	10	226	-204	1,832	100	19	1,713
December	1,655	465	12	245	-220	2,157	49	18	2,090
Total	18,747	2,562	111	2,624	-262	23,782	2,865	162	20,755
1995									
January	R1,623	622	14	251	R-48	2,461	44	14	R2,403
February	R1,448	546	12	228	R27	R2,260	43	13	2,204
March	R1,592	317	12	250	R48	R2,219	102	15	R2,102
April	R1,556	123	9	199	R86	1,974	170	13	1,791
May	R1,615	33	10	217	R64	1,940	353	13	R1,573
June	R1,549	39	10	217	R-7	R1,808	393	16	R1,399
July	R1,575	53	10	222	R4	1,865	345	15	R1,505
August	R1,563	83	10	231	R-38	R1,848	278	14	R1,556
September	R1,544	29	9	228	R-69	R1,741	327	12	R1,402
October	R1,550	67	10	234	R-109	R1,752	260	12	R1,479
November	RE1,552	356	E12	225	R-152	R1,994	90	13	R1,891
December	RE1,636	618	E14	251	R-118	R2,400	51	8	2,341
Total	RE18,804	2,886	E132	2,753	R-312	R24,263	2,458	157	R21,648
1996									
January	R1,628	740	14	251	R22	R2,655	45	14	R2,596
February	R1,522	537	12	228	R165	R2,465	93	13	R2,359
March	R1,595	398	12	224	R73	R2,302	75	15	R2,212
April	R1,574	110	11	E218	R152	R2,065	219	E11	R1,836
May	R1,572	39	8	RE240	R100	R1,960	367	E9	R1,584
June	E1,580	29	E10	E221	R20	R1,858	385	E12	R1,462
July	RE1,557	R45	E10	RE230	RE-113	RE1,728	R401	RE14	RE1,313
August	E1,479	E50	E9	E245	RE15	RE1,798	RE430	RE14	RE1,354
September	E1,446	E38	E9	E254	E24	E1,771	E437	E13	E1,321
1996 YTD	E13,952	E1,987	E95	E2,111	E457	E18,603	E2,451	E115	E16,037
1995 YTD	14,066	1,845	96	2,043	67	18,116	2,056	124	15,937
1994 YTD	13,943	1,846	81	1,931	282	18,082	2,487	112	15,483

[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.

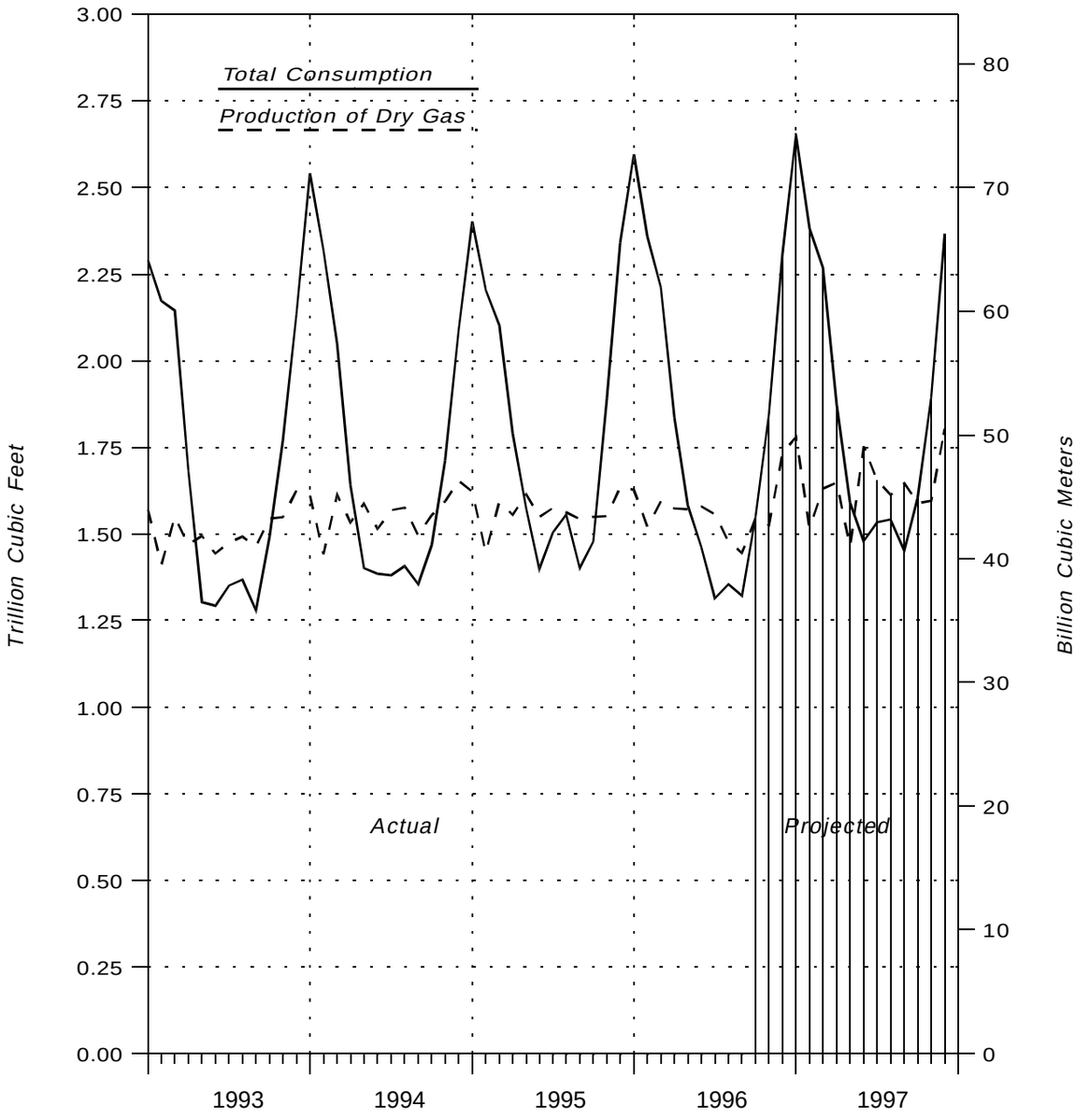
[E] = Estimated Data.

[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	R2,403
February	R95	73	752	413	703	168	2,036	2,204
March	105	69	601	345	737	245	1,928	R2,102
April	R102	59	420	256	725	229	1,630	1,791
May	R106	52	263	188	707	258	1,415	R1,573
June	102	46	159	135	660	297	1,251	R1,399
July	R103	50	131	137	678	407	1,352	R1,505
August	103	51	114	141	679	468	1,402	1,556
September	R101	46	134	143	662	316	1,254	R1,402
October	102	49	217	173	700	240	1,329	R1,479
November	102	62	491	303	735	198	1,727	R1,891
December	R107	77	794	430	760	172	2,156	2,341
Total	R1,235	715	4,888	3,095	8,518	3,196	19,699	R21,648
1996								
January	R107	R86	R951	R500	R785	168	R2,403	R2,596
February	100	78	R843	R456	R745	137	R2,181	R2,359
March	R105	73	717	403	R759	156	R2,034	R2,212
April	R103	61	R483	296	R723	170	R1,672	R1,836
May	R103	52	274	190	697	267	1,428	R1,584
June	R104	R48	R165	R142	R701	R302	R1,310	R1,462
July	RE90	RE44	E135	E136	E678	E230	E1,179	RE1,313
August	E99	RE45	RE116	E132	E687	RE276	RE1,210	RE1,354
September	E92	E42	E132	E137	E681	E236	E1,187	E1,321
1996 YTD	E903	E528	E3,817	E2,391	E6,456	E1,940	E14,605	E16,037
1995 YTD	924	526	3,387	2,190	6,323	2,586	14,487	15,937
1994 YTD	860	511	3,598	2,161	6,067	2,284	14,110	15,483

[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.

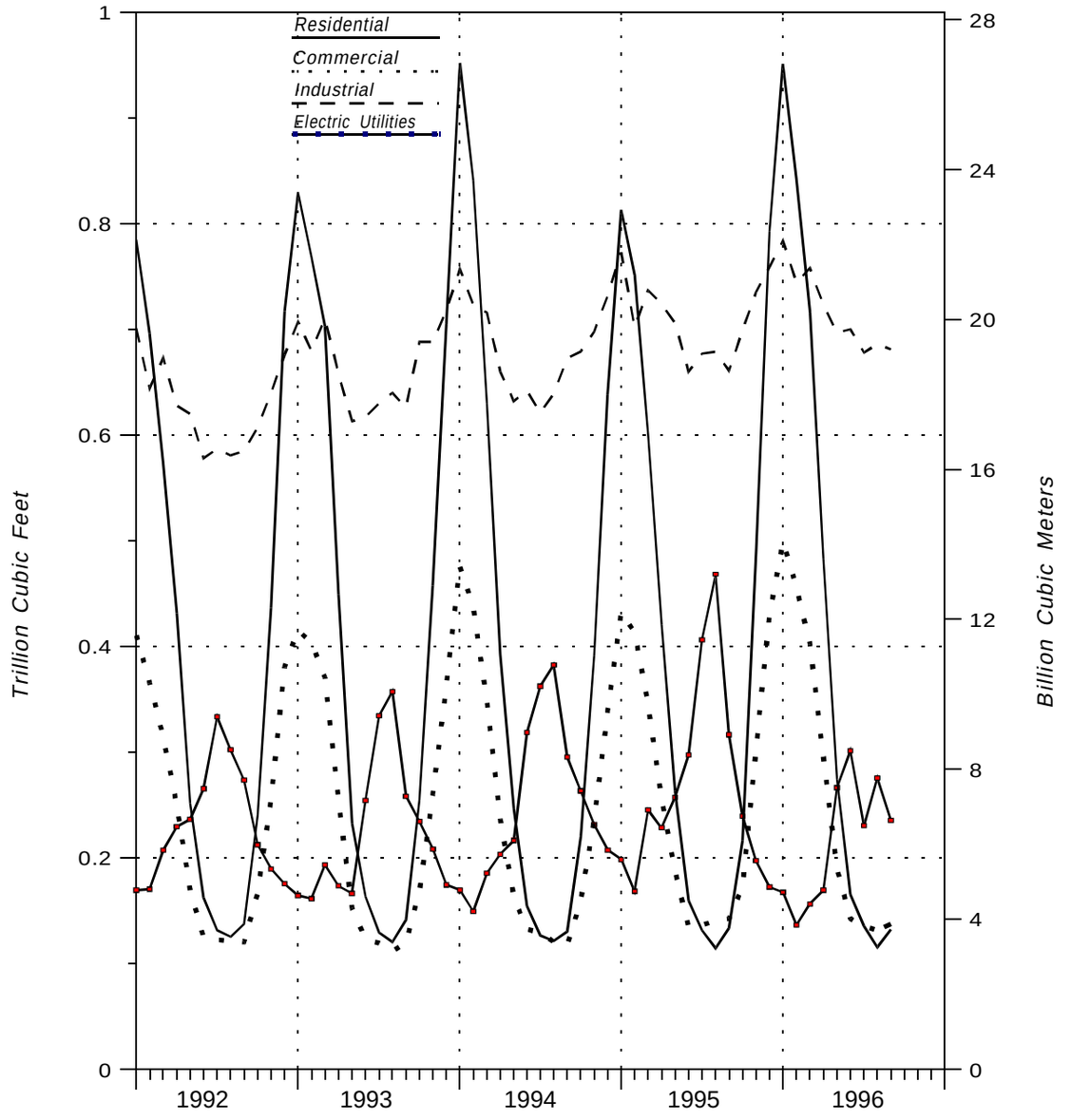
E = Estimated Data.

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)

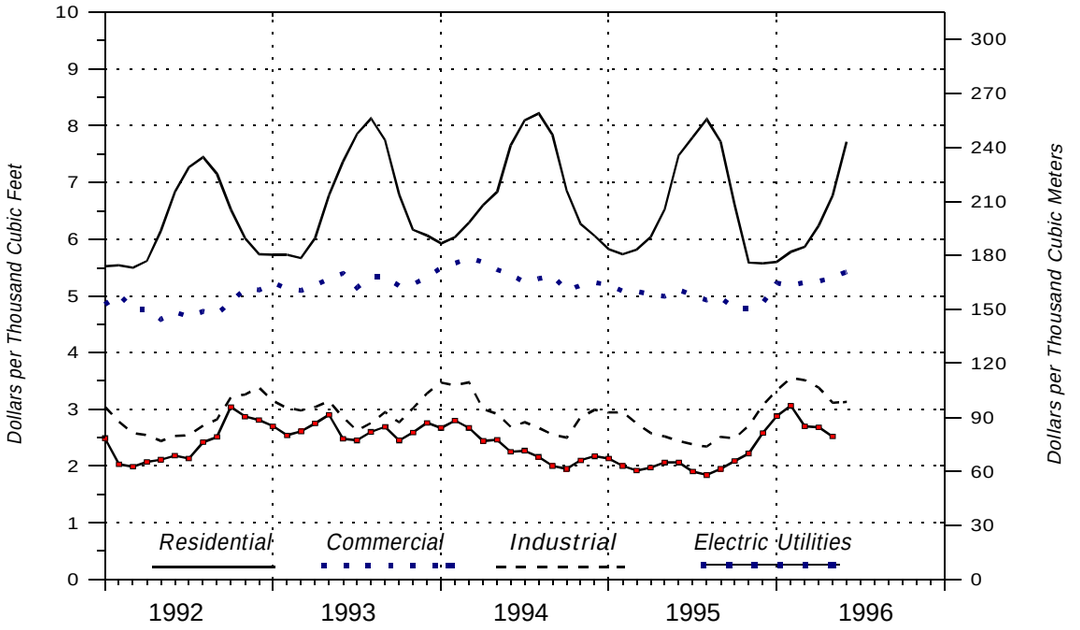
Year and Month	Wellhead Price[a]	City Gate	Delivered to Consumers					
			Residential	Commercial		Industrial		Electric Utilities
				Price	% of Total[b]	Price	% of Total[b]	
1990 Annual Average	1.71	3.03	5.80	4.83	86.6	2.93	35.2	2.38
1991 Annual Average	1.64	2.90	5.82	4.81	85.1	2.69	32.7	2.18
1992 Annual 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	2.83	7.80	5.02	60.7	2.38	19.7	1.90
August	1.37	2.81	8.12	4.93	58.1	2.34	19.3	1.84
September	1.56	2.83	7.72	4.97	59.1	2.51	19.3	1.95
October	1.60	2.84	6.61	4.78	64.0	2.49	19.5	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	[R]5.23	[R]74.2	3.33	20.4	2.88
February	2.04	3.17	[R]5.78	[R]5.19	[R]76.7	3.55	[R]20.3	3.06
March	2.07	3.16	5.87	5.24	74.6	[R]3.51	[R]19.4	2.70
April	2.22	3.25	6.24	[R]5.26	71.7	[R]3.38	[R]18.3	2.68
May	[R]2.11	3.21	6.77	5.33	66.9	3.11	16.8	2.52
June	[E]2.05	3.32	7.72	5.43	61.2	3.13	15.6	NA
1996 YTD[c]	[E]2.09	3.18	5.99	5.25	72.9	3.35	18.5	2.73
1995 YTD	1.56	2.76	5.98	5.10	73.4	2.71	22.5	2.01
1994 YTD	1.86	3.18	6.27	5.56	81.1	3.20	26.7	2.59

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

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

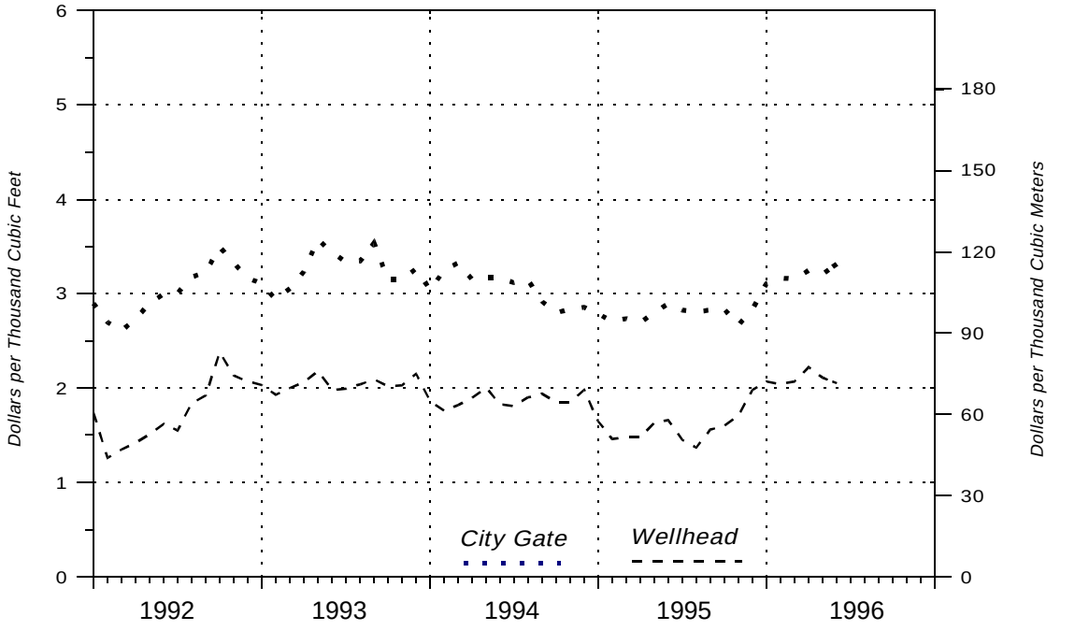
Sources: • Average wellhead price: EIA *Natural Gas Annual 1994,* 1989 through 1994; and EIA estimates, January 1995 through current month See Appendix A, Explanatory Note 8 for estimation procedures and revision policy. • Average City Gate, Residential, Commercial and Industrial average prices for 1989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

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



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

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



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

Table 5. U.S. Natural Gas Imports, by Country, 1990-1996

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

Year and Month	Pipeline				LNG		Total	
	Canada		Mexico		Algeria		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1990 Total	1,448,065	1.91	—	—	84,193	2.47	1,532,259	1.94
1991 Total	1,709,716	1.81	—	—	63,596	2.36	1,773,313	1.83
1992 Total	2,094,387	1.84	—	—	43,116	2.54	2,137,504	1.85
1993 Total	2,266,751	2.02	1,678	1.94	81,685	2.20	2,350,115	2.03
1994								
January	229,206	2.12	1,539	1.79	10,150	2.02	240,895	2.11
February	193,027	2.22	569	2.15	5,065	3.13	198,661	2.24
March	213,096	2.21	2,147	2.19	7,616	2.38	222,858	2.21
April	204,113	1.96	0	—	7,636	1.92	211,749	1.96
May	199,367	1.93	1,663	2.02	5,101	2.40	206,131	1.94
June	194,458	1.76	1,094	1.77	5,029	2.04	200,582	1.77
July	213,486	1.81	0	—	7,680	2.18	221,166	1.82
August	218,879	1.76	0	—	0	—	218,879	1.76
September	207,495	1.64	0	—	2,501	2.94	209,996	1.66
October	221,627	1.54	0	—	0	—	221,627	1.54
November	225,819	1.71	0	—	0	—	225,819	1.71
December	245,477	1.72	0	—	0	—	245,477	1.72
Total	2,566,049	1.86	7,013	1.99	50,778	2.28	2,623,839	1.87
1995								
January	248,246	1.53	158	1.38	2,510	2.40	250,914	1.54
February	225,034	1.45	0	—	2,573	1.65	227,606	1.45
March	247,449	1.44	150	1.50	2,621	2.45	250,220	1.45
April	198,928	1.34	0	—	0	—	198,928	1.34
May	214,884	1.43	0	—	2,576	1.72	217,460	1.43
June	217,081	1.44	0	—	0	—	217,081	1.44
July	222,433	1.40	0	—	0	—	222,433	1.40
August	227,228	1.35	823	1.53	2,648	2.42	230,700	1.36
September	223,678	1.39	3,871	1.53	0	—	227,549	1.39
October	232,633	1.54	1,718	1.56	0	—	234,351	1.54
November	222,820	1.59	0	—	2,487	2.47	225,307	1.60
December	248,366	1.71	0	—	2,502	2.65	250,868	1.72
Total	2,728,780	1.47	6,720	1.53	17,918	2.25	2,753,418	1.48
1996								
January	247,111	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	NA	E1,250	NA	4,559	NA	E218,428	NA
May	R236,444	NA	E1,300	NA	2,612	NA	RE240,356	NA
June	E219,342	NA	E1,300	NA	0	—	E220,642	NA
July	E226,016	NA	E1,500	NA	2,642	NA	E230,159	NA
1996 YTD	E1,586,647	NA	E8,805	NA	17,385	NA	E1,612,836	NA
1995 YTD	1,574,054	1.44	308	1.44	10,280	2.05	1,584,643	1.44
1994 YTD	1,446,752	2.00	7,013	1.99	48,277	2.25	1,502,041	2.01

R = Revised Data.
E = Estimated Data.
RE = Revised Estimated Data.
NA = Not Available.
— = Not Applicable.

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

Table 6. U.S. Natural Gas Exports, by Country, 1990-1996

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

Year and Month	Pipeline				LNG		Total	
	Canada		Mexico		Japan			
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1990 Total	17,359	2.70	15,659	1.88	52,546	3.59	85,565	3.10
1991 Total	14,791	1.91	60,448	1.76	54,005	3.71	129,244	2.59
1992 Total	67,777	1.83	95,973	1.90	52,532	3.43	216,282	2.25
1993 Total	44,518	2.14	39,676	2.02	55,989	3.34	140,183	2.59
1994								
January	4,084	2.41	1,546	2.22	5,466	3.08	11,097	2.71
February	7,809	2.75	1,459	2.10	3,630	2.99	12,898	2.74
March	12,279	2.73	1,367	2.11	5,510	2.92	19,156	2.74
April	3,872	2.20	1,411	1.91	3,676	2.92	8,959	2.45
May	2,940	2.21	1,829	1.93	3,692	2.95	8,462	2.47
June	5,775	2.22	1,278	1.68	5,543	3.02	12,596	2.52
July	2,823	2.32	2,268	1.82	5,557	3.15	10,647	2.65
August	1,259	2.46	6,981	1.71	5,561	3.29	13,801	2.42
September	1,684	2.40	6,987	1.56	5,565	3.39	14,236	2.37
October	1,591	2.35	5,659	1.37	5,555	3.41	12,805	2.38
November	4,446	2.03	9,398	1.61	5,540	3.37	19,384	2.21
December	3,995	2.09	6,317	1.68	7,386	3.35	17,698	2.47
Total	52,556	2.43	46,500	1.68	62,682	3.18	161,738	2.50
1995								
January	2,585	1.94	5,576	1.54	5,541	3.35	13,702	2.35
February	2,121	1.89	5,542	1.39	5,557	3.37	13,220	2.30
March	2,537	1.96	6,670	1.36	5,573	3.37	14,780	2.22
April	2,812	1.76	5,953	1.50	3,741	3.47	12,506	2.15
May	2,449	1.85	6,841	1.58	3,698	3.54	12,988	2.19
June	2,696	1.82	7,837	1.59	5,559	3.59	16,092	2.32
July	2,769	1.73	6,524	1.40	5,582	3.58	14,875	2.28
August	2,993	1.65	3,430	1.29	7,533	3.47	13,956	2.55
September	3,672	1.94	2,378	1.47	5,656	3.36	11,706	2.53
October	2,930	1.90	5,588	1.64	3,733	3.30	12,251	2.21
November	1,627	2.21	3,536	1.65	7,518	3.42	12,681	2.77
December	1,244	2.43	1,303	1.82	5,600	3.36	8,147	2.97
Total	30,435	1.89	61,178	1.50	65,290	3.43	156,903	2.38
1996								
January	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	E3,000	NA	E2,000	NA	5,653	NA	E10,653	NA
May	E3,000	NA	E2,000	NA	3,750	NA	E8,750	NA
June	E4,000	NA	E2,000	NA	5,651	NA	E11,651	NA
July	E4,000	NA	E2,500	NA	7,546	NA	E14,046	NA
1996 YTD	E32,916	NA	E14,969	NA	39,395	NA	E87,280	NA
1995 YTD	17,969	1.85	44,943	1.48	35,251	3.46	98,163	2.26
1994 YTD	39,582	2.51	11,158	1.96	33,075	3.01	83,814	2.63

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	[R]44,982	518	[E]62,504
February	30,858	40,581	22,766	[RE]41,385	493	62,213
March	33,269	43,896	24,525	[E]39,324	460	62,554
April	31,604	39,838	23,836	[E]40,345	456	[R]60,401
May	32,749	36,479	23,932	[E]42,838	483	60,333
1996 YTD	161,296	205,605	115,541	[E]208,873	2,410	[E]308,005
1995 YTD	166,662	198,638	120,621	[E]179,532	2,972	299,624
1994 YTD	217,698	197,836	128,842	188,214	3,023	311,753

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]131,118	4,109
February	[E]438,570	19,173	7,364	4,266	[RE]116,899	3,753
March	[RE]453,113	11,499	8,367	4,443	[RE]127,676	4,048
April	[RE]443,001	32,907	8,245	[E]4,058	[RE]122,235	3,924
May	[E]460,755	18,490	14,094	[E]3,986	[E]114,329	4,106
1996 YTD	[E]2,261,800	104,551	46,191	[E]21,255	[E]612,257	19,939
1995 YTD	2,185,434	101,692	38,453	22,605	[E]701,144	20,788
1994 YTD	2,119,147	99,934	27,699	22,421	638,378	24,839

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	[R]68,122	[E]71,745	[RE]1,701,871
February	141,786	488,673	21,686	[R]56,655	[E]66,137	[RE]1,518,920
March	155,881	538,849	24,618	[R]61,148	[E]69,410	[RE]1,669,835
April	150,507	529,469	24,529	[R]61,639	[E]66,490	[RE]1,632,511
May	159,097	549,870	22,498	[R]62,367	[E]67,005	[RE]1,694,261
June	149,529	531,073	15,626	[R]59,488	[E]66,577	[RE]1,624,519
July	150,178	539,417	17,120	[R]59,320	[E]66,353	[RE]1,652,130
August	153,861	536,273	17,676	[R]58,414	[E]67,425	[RE]1,639,349
September	[E]153,561	522,690	18,447	[R]59,375	[E]65,215	[RE]1,619,649
October	[E]157,743	532,591	16,987	[R]66,145	[E]69,797	[RE]1,625,449
November	[E]156,044	521,554	18,062	[R]64,051	[E]69,110	[RE]1,628,251
December	[E]160,927	541,853	20,493	[R]67,326	[E]75,037	[RE]1,715,904
Total	[E]1,847,563	6,372,561	240,095	[R]744,050	[E]820,301	[RE]19,722,648
1996						
January	[E]160,437	543,853	19,998	[R]67,009	[E]73,281	[RE]1,707,384
February	[E]147,253	514,791	18,027	[R]60,674	[E]67,193	[RE]1,596,260
March	[E]154,752	546,612	21,650	[R]66,130	[E]70,500	[RE]1,672,817
April	[E]148,412	532,218	[RE]20,857	[R]71,119	[E]67,218	[RE]1,650,674
May	[E]149,174	537,408	20,551	61,399	[E]67,803	1,648,909
1996 YTD	[E]760,028	2,674,882	[E]101,083	326,332	[E]345,995	[E]8,276,044
1995 YTD	765,720	2,647,110	115,685	309,932	[E]340,786	[E]8,217,398
1994 YTD	807,954	2,625,005	112,909	295,310	[E]335,018	8,155,980

[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, May 1996

(Million Cubic Feet)

Year and State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed[a]	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama	36,269	944	37,213	2,003	2,346	115	32,749
Alaska	12,745	240,858	253,603	216,536	0	588	36,479
California	7,330	26,036	33,367	9,298	91	44	23,932
Colorado	E34,605	E9,605	E44,210	E1,112	0	E260	E42,838
Florida	0	531	531	0	48	0	483
Kansas	53,237	7,260	60,496	103	0	60	60,333
Louisiana	E405,461	E60,953	E466,414	E3,658	0	E2,001	E460,755
Michigan	15,169	3,792	18,962	195	0	277	18,490
Mississippi	10,408	5,546	15,954	892	418	550	14,094
Montana	E3,554	E472	E4,026	E6	0	E34	E3,986
New Mexico	E101,574	E14,464	E116,038	E1,347	E232	E130	E114,329
North Dakota	1,474	3,230	4,704	232	13	353	4,106
Oklahoma	E125,427	E23,747	E149,174	0	0	0	E149,174
Texas	E476,450	E115,390	E591,840	E38,328	E13,612	E2,492	537,408
Utah	19,554	4,255	23,810	694	0	2,564	20,551
Wyoming	84,430	11,258	95,688	7,119	14,152	13,017	61,399
Other States	E65,222	E3,757	E68,978	E623	E40	E513	E67,803
Total	E1,452,911	E532,097	E1,985,007	E282,147	E30,953	E22,999	E1,648,909

[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	[R]4,324	[R]1,878	[R]6,202	[R]-423	[R]-18.4	[R]401	[R]45	[R]356
August	[RE]4,324	[RE]2,232	[E]6,556	[RE]-263	[RE]-10.5	[RE]430	[E]50	[RE]380
September	[E]4,324	[E]2,656	[E]6,980	[E]-140	[E]-5.0	[E]437	[E]38	[E]398

[a] Total as of December 31.

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

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

[R] = Revised Data.

[E] = Estimated Data.

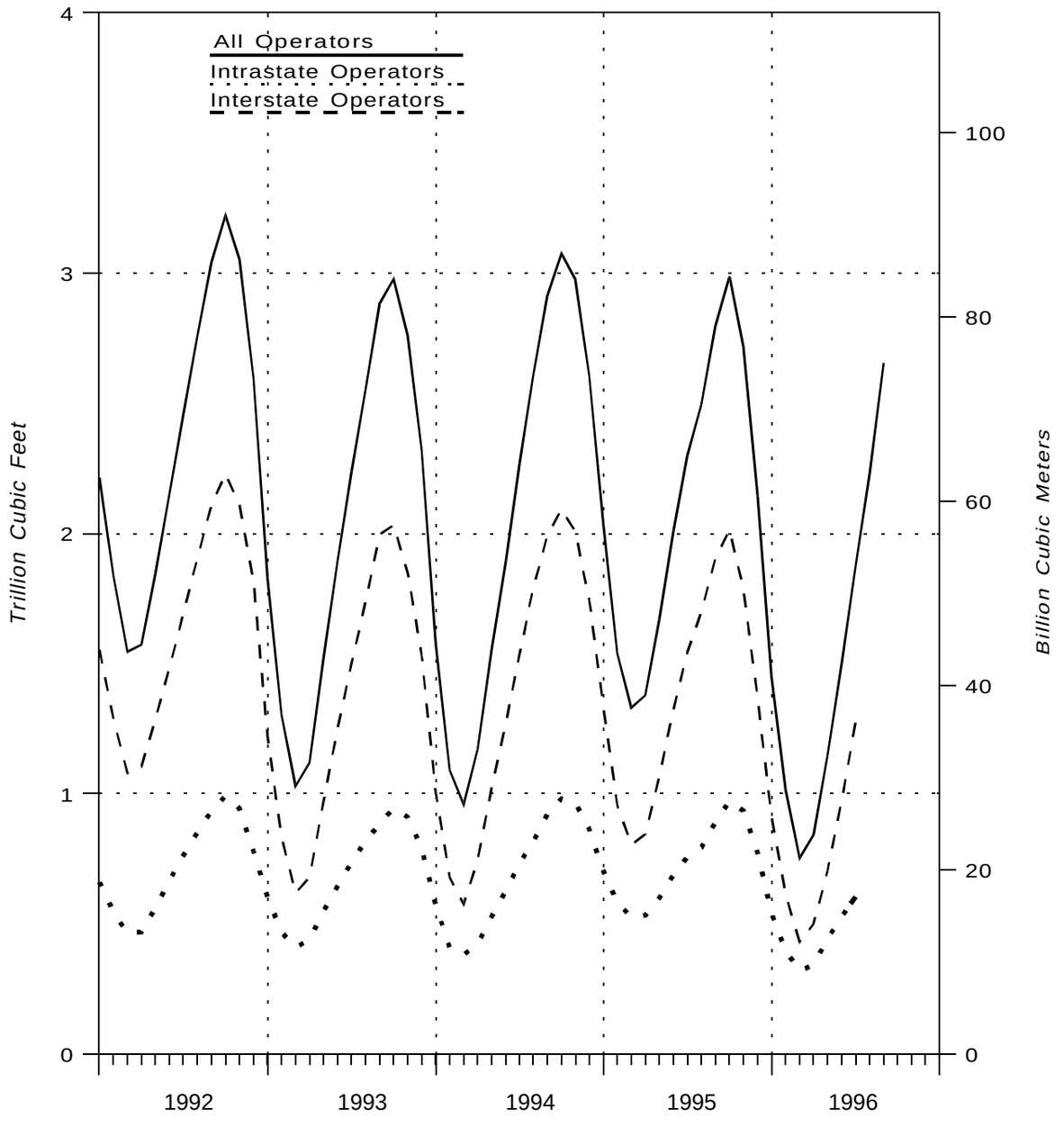
[RE] = Revised Estimated Data.

— = Not Applicable.

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

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

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



Sources: Form EIA-191 and Form EIA-176

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

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total[b]	Volume	Percent	Injections	Withdrawals	Net[c]
1990 Total[a]	2,496	2,203	4,699	439	24.9	1,705	1,284	421
1991 Total[a]	2,571	1,985	4,556	-218	-9.9	1,904	2,015	-111
1992 Total[a]	2,652	1,819	4,471	-166	-8.4	1,838	1,940	-102
1993 Total[a]	2,939	1,531	4,470	-288	-15.8	1,911	1,894	17
1994								
January	2,948	1,006	3,954	-216	-17.7	19	545	-526
February	2,943	680	3,623	-153	-18.4	34	376	-343
March	2,951	576	3,526	-43	-6.9	69	173	-104
April	2,950	748	3,697	68	10.1	209	39	170
May	2,956	1,024	3,980	52	5.4	304	15	290
June	2,956	1,270	4,225	20	1.6	265	14	251
July	2,958	1,540	4,498	38	2.5	293	15	278
August	2,957	1,790	4,746	53	3.1	269	17	253
September	2,959	1,992	4,951	-5	-0.2	222	12	210
October	2,955	2,094	5,048	60	3.0	136	37	99
November	2,953	2,011	4,964	161	8.7	60	151	-90
December	2,960	1,743	4,703	212	13.8	34	308	-274
Total	—	—	—	—	—	1,913	1,701	213
1995								
January	2,957	1,336	4,293	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

[a] Total as of December 31.

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

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

— = Not Applicable.

Notes: Data for 1989 through 1994 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

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

Table 11. Underground Natural Gas Storage - Intrastate Operators and Independent Producers, 1990-1996

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total[b]	Volume	Percent	Injections	Withdrawals	Net[c]
1990 Total[a]	1,372	864	2,236	115	15.4	728	650	78
1991 Total[a]	1,383	839	2,221	-25	-2.9	705	674	31
1992 Total[a]	1,392	778	2,170	-61	-7.3	717	784	-67
1993 Total[a]	1,388	791	2,179	13	1.7	826	802	24
1994								
January	1,400	573	1,973	-30	-5.0	16	247	-232
February	1,394	411	1,804	-59	-12.5	16	191	-175
March	1,392	382	1,775	-28	-6.8	37	67	-30
April	1,395	424	1,819	-17	-3.8	77	29	47
May	1,396	530	1,926	-18	-3.4	123	10	113
June	1,396	627	2,023	-18	-2.8	116	23	93
July	1,397	734	2,131	-4	-0.6	118	11	107
August	1,398	817	2,215	-1	-0.1	103	13	90
September	1,395	920	2,315	34	3.8	124	9	114
October	1,400	981	2,381	37	4.0	88	17	71
November	1,400	966	2,367	55	6.1	45	54	-9
December	1,400	864	2,263	73	9.2	20	136	-115
Total	—	—	—	—	—	882	807	75
1995								
January	1,407	705	2,113	132	23.0	16	184	-167
February	1,408	583	1,991	172	42.0	24	148	-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

[a] Total as of December 31.

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

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

— = Not Applicable.

Notes: Data for 1989 through 1994 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

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

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

(Volumes in Million Cubic Feet)

State	1996						
	July	June	May	April	March	February	January
Alabama	0	-670	-367	-153	162	17	54
Arkansas	-744	-1,166	-1,302	-44	1,259	1,115	2,112
California	6,837	-9,894	-23,726	-12,087	1,292	25,281	47,300
Colorado	-5,336	-5,026	-2,247	1,308	5,105	1,486	8,699
Illinois	-26,040	-13,916	-27,002	-3,163	23,029	41,246	68,239
Indiana	-4,180	-2,421	-161	990	3,541	3,831	7,170
Iowa	-12,464	-7,692	-1,625	2,012	6,372	8,820	16,663
Kansas	-7,133	-12,110	-7,724	-5,531	10,743	7,491	28,184
Kentucky	-13,360	-14,232	-6,228	395	7,956	12,252	14,488
Louisiana	-28,952	-15,803	-12,312	-1,310	24,547	23,515	41,445
Maryland	-1,912	-2,655	-2,189	71	1,500	2,677	3,787
Michigan	-80,522	-79,031	-58,348	-14,604	51,244	82,900	131,134
Minnesota	-287	-294	-366	-88	222	260	781
Mississippi	-8,093	-6,479	-2,485	-3,994	5,653	3,236	6,891
Missouri	-240	-261	-1,319	293	379	-100	1,423
Montana	-3,261	-3,578	780	645	3,877	3,437	6,207
Nebraska	-1,132	-1,826	-1,535	-287	763	718	1,845
New Mexico	812	49	32	496	2,160	1,575	1,312
New York	-12,870	-12,280	-13,343	-2,714	9,001	12,727	14,199
Ohio	-35,479	-36,310	-29,890	-8,654	29,036	33,716	43,949
Oklahoma	-6,700	-11,006	-18,357	-4,610	16,742	23,625	33,114
Oregon	-1,133	-1,173	-723	132	651	940	1,252
Pennsylvania	-69,709	-62,274	-46,405	-22,349	43,702	64,404	80,378
Texas	-1,649	-14,710	-28,051	-17,628	43,280	46,443	72,417
Utah	-6,821	-6,742	-5,533	-188	2,388	8,372	12,335
Washington	-936	-3,317	-1,974	-359	536	762	6,031
West Virginia	-32,607	-29,512	-32,729	-16,154	27,054	30,565	40,250
Wyoming	-2,160	-1,760	-2,704	-644	1,095	3,044	3,410
Total	-356,072	-356,090	-327,833	-108,221	323,288	444,356	695,070

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						
	Total	December	November	October	September	August	July
Alabama	73	400	189	73	-592	-218	-35
Arkansas	709	2,149	618	80	-157	-1,390	-1,494
California	-27,229	25,871	-2,030	-18,155	-15,204	1,719	-13,401
Colorado	-1,480	5,355	-1,487	-1,207	-2,824	-4,279	-6,114
Illinois	25,289	44,173	14,205	-31,931	-31,913	-32,082	-30,183
Indiana	2,071	4,772	-839	-4,446	-4,769	-3,727	-2,859
Iowa	6,293	15,034	10,669	-7,125	-11,687	-14,741	-10,291
Kansas	5,823	16,923	7,650	-11,033	-16,573	11	-4,944
Kentucky	7,386	11,431	9,297	-2,525	-6,767	-3,846	-6,817
Louisiana	55,699	46,789	24,450	-14,059	-23,405	-1,148	-20,772
Maryland	2,056	2,941	533	-1,152	-2,047	-1,183	189
Michigan	124,148	117,780	67,143	-32,417	-52,327	-54,311	-74,426
Minnesota	174	256	3	-6	-241	-231	-306
Mississippi	7,672	6,432	9,454	-2,606	-6,282	-753	-4,194
Missouri	-197	330	-165	-124	-463	-349	11
Montana	3,601	5,251	3,048	554	-1,096	-3,206	-2,917
Nebraska	5,819	1,593	1,598	743	-385	-177	-278
New Mexico	2,244	1,490	1,077	-35	-519	1,090	-18
New York	14,762	17,615	9,682	-1,692	-8,915	-8,278	-7,292
Ohio	38,773	42,851	23,996	-8,839	-18,480	-23,286	-30,746
Oklahoma	19,103	23,331	8,149	-12,677	-8,005	1,755	-7,073
Oregon	-880	822	58	0	-486	0	-695
Pennsylvania	59,332	75,053	44,123	-21,829	-43,671	-39,875	-33,388
Texas	36,778	45,936	12,294	-7,343	-18,200	7,232	-1,403
Utah	199	9,833	-1,316	-525	-1,474	-3,472	-7,110
Washington	-2,363	1,015	-67	100	-2,494	271	-1,413
West Virginia	42,008	39,310	23,048	-14,476	-17,711	-8,842	-22,100
Wyoming	805	2,040	727	-1,179	-1,909	-1,673	-1,702
Total	428,668	566,777	266,105	-193,832	-298,596	-194,988	-291,770

See footnotes at end of table.

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

(Volumes in Million Cubic Feet) — Continued

State	1995						1994
	June	May	April	March	February	January	Total
Alabama	-42	-27	0	264	2	60	-639
Arkansas	-1,312	-211	130	539	753	1,005	2,482
California	-26,009	-26,370	2,797	7,942	4,650	30,961	-5,066
Colorado	-6,104	-2,203	4,715	4,979	3,502	4,187	-1,100
Illinois	-28,861	-28,504	4,427	24,155	58,368	63,435	-12,907
Indiana	-1,793	-332	647	2,523	6,896	5,997	-3,576
Iowa	-8,122	-3,955	672	4,469	10,876	20,494	-2,764
Kansas	-12,812	-9,689	-1,501	10,730	12,038	15,022	-6,218
Kentucky	-7,628	-12,771	-3,464	4,533	12,619	13,324	-4,845
Louisiana	-27,471	-18,654	-9,576	8,682	39,086	51,776	-39,794
Maryland	-2,031	-2,000	244	105	4,244	2,213	2,090
Michigan	-65,457	-53,090	1,189	51,336	112,705	106,022	-80,996
Minnesota	-262	-331	47	257	477	513	-365
Mississippi	-1,638	-7,168	-4,717	4,052	6,286	8,807	-14,446
Missouri	9	-621	271	42	279	584	85
Montana	-2,139	-1,280	-798	689	1,994	3,499	7,819
Nebraska	-866	-643	198	930	995	2,112	-2,471
New Mexico	-1,105	-1,223	-222	-437	2	2,144	-1,379
New York	-11,195	-8,567	-600	5,516	14,347	14,141	-1,824
Ohio	-31,526	-27,845	5,132	19,784	37,613	50,118	-28,576
Oklahoma	-12,648	-16,462	-4,420	9,874	13,614	23,665	-18,838
Oregon	-1,034	-1,179	-867	440	385	1,677	-720
Pennsylvania	-52,469	-42,346	-13,250	28,252	92,485	66,247	823
Texas	-17,802	-23,792	-21,926	8,402	19,833	33,547	-36,228
Utah	-5,954	-3,468	-1,001	3,407	3,388	7,889	-19,587
Washington	-1,551	-2,570	-233	253	2,230	2,097	-1,572
West Virginia	-24,342	-24,418	-5,762	12,163	41,332	43,805	-14,932
Wyoming	-1,536	-451	775	1,410	1,324	2,979	-2,584
Total	-353,700	-320,171	-47,092	215,290	502,323	578,320	-288,127

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						
	December	November	October	September	August	July	June
Alabama	-4	-20	-54	-85	-92	-102	-95
Arkansas	597	359	64	-210	-803	-563	-553
California	25,734	16,783	-12,273	-25,551	-9,372	-17,672	-20,300
Colorado	2,926	1,390	-288	-4,976	-5,087	-4,180	-1,718
Illinois	33,868	12,634	-27,773	-40,132	-37,123	-34,981	-31,224
Indiana	3,083	-648	-2,947	-4,141	-4,529	-5,189	-2,451
Iowa	20,371	6,758	-10,323	-13,446	-12,403	-11,997	-7,623
Kansas	10,129	6,723	-4,370	-9,624	-12,337	-10,613	-5,194
Kentucky	8,399	-324	-3,346	-3,590	-6,832	-9,628	-9,326
Louisiana	36,322	4,098	-8,896	-22,378	-20,856	-28,666	-20,626
Maryland	1,597	1,016	-1,781	-1,536	-1,468	-2,113	-1,459
Michigan	63,147	19,650	-30,353	-64,754	-75,050	-72,574	-72,789
Minnesota	68	3	2	-150	-207	-371	-374
Mississippi	5,228	-888	-3,645	-2,139	-5,288	-5,954	-1,618
Missouri	-6	-230	-207	-269	-307	-316	-1,355
Montana	2,673	1,705	-1,033	-1,772	-1,086	-1,352	-1,807
Nebraska	2,003	-182	-930	-2,125	-336	-2,125	-897
New Mexico	529	548	-2,020	-4,075	-105	194	-493
New York	8,913	2,674	-1,373	-5,006	-8,906	-9,125	-12,251
Ohio	28,025	3,858	-10,528	-21,945	-26,755	-33,557	-31,935
Oklahoma	17,759	3,825	-4,797	-9,237	-13,744	-17,293	-14,012
Oregon	638	437	-255	-688	-1,081	-1,202	-1,506
Pennsylvania	44,846	19,352	-14,950	-23,836	-43,337	-51,484	-57,942
Texas	38,575	-11,223	-17,141	-30,517	-25,090	-27,928	-12,148
Utah	5,275	2,363	-3,871	-8,505	-6,264	-5,499	-4,054
Washington	1,576	391	-216	-1,131	-449	-1,805	-1,761
West Virginia	24,797	7,389	-5,989	-20,918	-22,343	-27,180	-27,657
Wyoming	2,007	659	-963	-1,434	-1,499	-1,113	-752
Total	389,075	99,102	-170,256	-324,170	-342,748	-384,389	-343,917

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, July 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	1,071	971	2,042	634	187.7	0	0
Arkansas	31,671	13,301	3,518	16,819	-1,622	-31.6	795	51
California	515,206	247,419	153,944	401,363	-27,283	-15.1	4,856	11,693
Colorado	99,600	47,781	25,980	73,761	223	0.9	5,595	259
Illinois	903,766	653,428	144,866	798,295	-6,617	-4.4	26,502	462
Indiana	113,001	74,779	22,472	97,251	-1,461	-6.1	4,219	39
Iowa	270,200	200,700	24,568	225,268	-4,290	-14.9	12,464	0
Kansas	283,378	182,482	61,972	244,454	-3,121	-4.8	12,570	5,437
Kentucky	216,351	106,511	75,973	182,484	-11,393	-13.0	13,392	32
Louisiana	550,470	267,701	109,247	376,949	-65,561	-37.5	33,856	4,904
Maryland	62,000	46,677	9,842	56,519	-372	-3.6	1,912	0
Michigan	1,057,780	418,892	362,483	781,375	-76,512	-17.4	81,250	728
Minnesota	7,000	4,623	1,883	6,506	-7	-0.4	287	0
Mississippi	136,043	77,682	36,707	114,390	-3,781	-9.3	10,326	2,233
Missouri	30,564	21,600	8,751	30,351	541	6.6	247	7
Montana	375,010	167,406	61,572	228,978	-13,490	-18.0	3,549	287
Nebraska	39,469	31,507	1,938	33,445	-1,943	-50.1	1,258	125
New Mexico	94,600	26,625	4,193	30,818	-6,400	-60.4	530	1,342
New York	185,908	102,535	50,367	152,902	-3,992	-7.3	12,925	55
Ohio	620,544	347,844	118,555	466,398	-1,121	-0.9	35,902	423
Oklahoma	381,087	227,096	58,811	285,906	-44,577	-43.1	8,621	1,922
Oregon	11,623	4,896	6,425	11,321	-340	-5.0	1,133	0
Pennsylvania	727,392	356,848	252,258	609,106	-1,184	-0.5	69,930	221
Texas	649,368	245,513	106,222	351,735	-131,129	-55.2	15,222	13,572
Utah	122,499	62,100	27,628	89,728	-8,047	-22.6	6,824	4
Washington	33,900	21,852	11,344	33,196	-2,690	-19.2	1,470	533
West Virginia	510,932	304,582	111,025	415,607	-8,996	-7.5	32,866	259
Wyoming	105,669	60,746	24,009	84,754	1,744	7.8	2,169	8
Total	8,137,632	4,324,197	1,877,525	6,201,722	-422,787	-18.4	400,667	44,595

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		
				June	May	April
Alabama	41,550	32,989	36,609	1,494	3,024	6,416
Alaska	9,426	9,079	8,687	647	964	1,424
Arizona	17,792	18,397	19,181	1,101	1,343	2,178
Arkansas	31,939	26,960	29,102	1,206	1,970	4,853
California	268,904	293,812	291,572	26,024	30,036	35,758
Colorado	NA	68,936	65,169	4,593	7,344	R12,266
Connecticut	29,526	26,338	29,879	1,274	2,303	4,399
Delaware	7,186	5,783	6,452	313	559	1,129
District of Columbia	11,994	10,211	11,425	588	816	1,731
Florida	10,956	9,113	8,999	789	1,019	1,659
Georgia	78,142	63,388	65,640	3,164	4,445	9,867
Hawaii	290	306	305	45	44	49
Idaho	9,556	8,364	7,222	542	976	1,314
Illinois	331,291	294,175	309,897	12,440	27,172	43,206
Indiana	NA	99,140	108,305	4,509	8,911	NA
Iowa	69,621	50,417	52,453	2,959	5,275	8,738
Kansas	55,007	46,801	48,003	1,812	3,312	6,476
Kentucky	45,195	38,268	41,639	1,535	2,295	5,654
Louisiana	39,966	33,088	36,371	1,995	2,586	5,202
Maine	NA	538	572	NA	53	81
Maryland	NA	47,053	52,495	NA	NA	7,283
Massachusetts	76,973	68,921	83,913	3,995	6,782	11,621
Michigan	264,974	232,183	252,391	10,610	24,612	40,232
Minnesota	90,134	77,246	81,362	3,654	7,228	12,323
Mississippi	NA	17,110	19,061	NA	1,362	R3,162
Missouri	143,246	81,743	89,387	5,291	9,560	20,455
Montana	13,705	11,646	11,037	753	1,438	2,087
Nebraska	30,355	29,415	30,642	1,376	2,439	4,443
Nevada	14,070	14,030	12,941	1,011	1,264	1,884
New Hampshire	NA	4,244	4,683	NA	429	698
New Jersey	NA	125,919	149,424	5,832	10,716	NA
New Mexico	20,855	17,018	17,000	1,794	648	2,736
New York	NA	245,857	267,922	14,142	NA	41,414
North Carolina	42,047	32,465	33,623	1,230	2,167	6,255
North Dakota	8,292	7,296	7,385	399	817	1,347
Ohio	240,787	217,829	236,191	10,464	17,730	34,628
Oklahoma	52,406	45,602	48,457	1,985	3,315	7,682
Oregon	21,081	18,227	17,336	1,386	2,272	2,820
Pennsylvania	182,599	162,585	187,630	7,847	13,643	25,610
Rhode Island	12,864	11,522	12,422	692	1,216	1,831
South Carolina	20,595	16,489	16,759	548	945	2,969
South Dakota	9,067	7,879	7,947	464	803	1,367
Tennessee	NA	38,514	41,258	NA	NA	NA
Texas	145,351	125,682	138,953	7,848	9,684	19,001
Utah	30,688	28,441	25,916	1,351	2,252	4,540
Vermont	1,759	1,538	1,787	85	167	268
Virginia	51,309	42,185	44,818	2,116	2,584	6,630
Washington	NA	33,031	31,517	2,626	NA	5,445
West Virginia	25,363	22,267	24,925	815	1,647	3,865
Wisconsin	93,473	80,079	84,583	4,570	7,999	12,748
Wyoming	NA	8,198	7,135	NA	NA	NA
Total	3,433,748	3,008,317	3,218,387	165,429	274,255	R483,319

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		
	March	February	January	Total	December	November
Alabama	8,171	11,390	11,056	50,412	7,804	4,031
Alaska	1,918	2,419	2,054	15,220	2,294	1,411
Arizona	3,402	4,267	5,502	26,811	3,144	1,549
Arkansas	6,156	8,726	9,028	42,160	7,214	3,612
California	52,287	58,074	66,726	480,285	56,745	37,841
Colorado	15,628	18,603	18,727	104,288	12,305	8,862
Connecticut	6,245	7,147	8,159	40,598	6,475	3,422
Delaware	1,522	1,941	1,721	8,312	1,208	556
District of Columbia	2,402	3,117	3,339	15,704	2,582	1,247
Florida	2,067	2,582	2,840	14,759	1,822	1,023
Georgia	18,136	19,402	23,127	114,928	21,112	14,921
Hawaii	52	51	49	573	45	43
Idaho	1,847	2,509	2,368	13,000	1,748	1,364
Illinois	71,364	81,199	95,909	502,557	81,665	64,531
Indiana	25,048	28,873	33,318	160,526	26,789	18,246
Iowa	14,904	17,269	20,478	86,790	16,697	10,010
Kansas	11,822	14,181	17,404	75,677	13,348	6,768
Kentucky	10,345	[R]11,438	[R]13,928	66,910	12,425	9,337
Louisiana	7,819	10,335	12,030	52,057	7,375	4,340
Maine	137	143	159	920	151	104
Maryland	11,919	14,441	16,135	76,355	12,902	7,553
Massachusetts	16,615	18,545	19,415	105,467	15,880	9,083
Michigan	57,565	63,593	68,363	373,286	60,284	39,054
Minnesota	18,813	[R]22,335	25,782	128,960	21,673	14,869
Mississippi	3,837	5,878	6,143	26,144	4,145	2,253
Missouri	29,094	38,080	40,766	NA	NA	11,305
Montana	2,639	3,517	3,272	19,373	2,622	2,182
Nebraska	6,176	8,179	7,743	43,939	6,034	4,029
Nevada	2,903	3,264	3,744	20,686	2,357	1,349
New Hampshire	998	1,147	1,193	6,508	991	550
New Jersey	30,417	35,838	40,315	200,738	33,800	18,808
New Mexico	3,278	4,893	7,506	28,484	4,693	3,055
New York	NA	61,546	69,469	376,307	56,852	32,851
North Carolina	7,515	11,915	12,966	49,726	8,641	4,476
North Dakota	1,639	2,159	1,931	11,164	1,688	1,090
Ohio	54,413	54,072	[R]69,480	354,800	58,290	40,737
Oklahoma	10,146	14,471	14,806	67,869	9,797	4,955
Oregon	4,041	5,584	4,979	27,952	3,953	2,512
Pennsylvania	39,762	45,352	50,385	259,388	42,826	26,892
Rhode Island	2,664	3,119	3,342	17,342	2,550	1,293
South Carolina	3,706	5,878	6,549	25,163	4,422	2,262
South Dakota	1,865	2,221	2,348	12,473	1,809	1,318
Tennessee	9,684	13,700	14,278	60,104	9,192	7,221
Texas	28,066	35,545	45,206	206,125	31,704	18,711
Utah	5,419	8,571	8,555	48,975	7,214	4,684
Vermont	354	418	467	2,299	353	176
Virginia	11,367	13,849	14,763	68,744	12,694	7,063
Washington	7,639	10,136	8,988	52,692	7,618	5,679
West Virginia	5,478	6,582	6,975	34,782	5,726	3,542
Wisconsin	20,281	22,518	25,356	135,991	22,959	16,636
Wyoming	NA	NA	NA	NA	NA	NA
Total	716,631	[R]842,971	[R]951,144	4,888,481	793,639	490,951

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	1995					
	October	September	August	July	June	May
Alabama	1,561	1,295	1,315	1,418	1,584	2,233
Alaska	866	588	448	534	680	943
Arizona	1,023	876	856	966	1,245	1,818
Arkansas	1,329	1,069	953	1,022	1,275	1,930
California	23,274	22,029	20,962	25,623	28,934	38,508
Colorado	5,661	2,613	2,527	3,383	6,120	9,175
Connecticut	1,468	981	877	1,037	1,383	2,384
Delaware	226	172	173	194	259	492
District of Columbia	453	401	379	431	472	813
Florida	680	741	652	728	760	855
Georgia	6,117	3,343	3,023	3,024	3,227	3,988
Hawaii	44	45	43	47	50	49
Idaho	628	304	254	338	539	915
Illinois	26,707	13,761	9,980	11,738	12,091	20,309
Indiana	6,862	3,600	2,817	3,073	3,689	7,340
Iowa	4,455	2,126	1,468	1,617	1,563	5,042
Kansas	3,417	1,801	1,710	1,832	2,081	3,909
Kentucky	3,169	1,354	1,134	1,223	1,143	2,432
Louisiana	2,049	1,796	1,672	1,738	2,194	2,406
Maine	48	31	24	24	28	48
Maryland	2,926	2,094	1,881	1,945	2,228	3,663
Massachusetts	3,945	2,655	2,350	2,633	3,594	6,173
Michigan	17,348	9,603	6,987	7,826	10,302	21,130
Minnesota	6,948	3,261	2,388	2,576	3,394	6,014
Mississippi	611	461	749	815	864	1,141
Missouri	4,257	2,836	2,394	2,870	3,660	6,829
Montana	1,319	646	436	522	702	1,261
Nebraska	1,537	1,032	883	1,010	1,548	2,893
Nevada	817	677	655	801	1,087	1,568
New Hampshire	254	175	135	160	225	376
New Jersey	7,597	5,137	4,537	4,941	5,623	9,610
New Mexico	1,332	821	823	741	1,342	1,697
New York	13,469	9,405	7,739	10,133	13,915	23,410
North Carolina	1,412	945	804	983	1,103	1,896
North Dakota	NA	251	182	234	388	703
Ohio	17,247	7,363	6,269	7,064	8,536	16,686
Oklahoma	2,489	1,689	1,530	1,806	2,269	3,974
Oregon	1,108	688	654	809	1,084	2,049
Pennsylvania	11,031	5,473	5,012	5,570	6,661	12,818
Rhode Island	651	459	434	434	689	1,157
South Carolina	646	474	397	472	510	746
South Dakota	691	304	204	268	404	774
Tennessee	1,806	1,084	1,079	1,209	1,391	2,053
Texas	8,960	7,190	6,513	7,365	7,737	11,346
Utah	3,857	1,970	1,422	1,386	1,956	2,965
Vermont	86	54	42	49	79	136
Virginia	2,313	1,468	1,531	1,489	1,620	2,821
Washington	2,337	1,413	1,252	1,362	1,927	3,090
West Virginia	1,408	725	550	565	690	1,751
Wisconsin	6,993	3,932	2,695	2,696	3,485	5,798
Wyoming	NA	NA	354	428	709	1,048
Total	216,612	133,667	114,147	131,150	159,038	263,164

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	
	April	March	February	January	Total	December
Alabama	3,738	7,680	9,314	8,441	49,748	5,034
Alaska	1,573	1,912	1,923	2,048	14,895	2,195
Arizona	2,421	2,837	4,562	5,514	29,684	4,869
Arkansas	3,049	5,836	7,077	7,792	41,527	5,144
California	43,750	52,476	50,624	79,521	520,959	76,846
Colorado	9,914	12,907	14,509	16,311	99,504	14,571
Connecticut	4,124	5,780	6,526	6,141	41,600	4,559
Delaware	848	1,391	1,459	1,333	8,557	869
District of Columbia	1,300	2,241	2,880	2,505	15,865	1,746
Florida	1,132	1,622	2,483	2,261	13,855	1,248
Georgia	6,066	10,642	18,984	20,480	105,436	15,880
Hawaii	49	52	52	53	578	50
Idaho	1,273	1,503	1,760	2,375	12,285	2,240
Illinois	42,577	55,062	74,820	89,316	473,788	65,041
Indiana	13,007	19,452	27,196	28,456	157,467	20,054
Iowa	8,645	9,305	11,793	14,069	78,260	11,494
Kansas	5,723	9,695	11,162	14,232	74,156	10,864
Kentucky	3,700	7,501	10,988	12,504	62,533	9,175
Louisiana	3,688	6,564	8,758	9,479	52,981	5,947
Maine	81	112	139	130	894	117
Maryland	6,096	9,481	13,229	12,356	76,688	9,314
Massachusetts	10,943	15,009	17,341	15,861	119,642	13,611
Michigan	35,498	48,736	58,980	57,538	364,588	44,719
Minnesota	11,358	15,544	19,843	21,092	122,249	17,328
Mississippi	1,714	3,681	4,840	4,870	27,086	3,098
Missouri	9,401	16,040	22,448	23,366	122,566	14,727
Montana	1,792	2,435	2,392	3,064	18,714	2,986
Nebraska	4,177	5,876	6,978	7,943	44,397	6,076
Nevada	2,156	2,189	3,102	3,927	21,263	3,855
New Hampshire	688	917	1,024	1,013	6,572	762
New Jersey	17,813	26,451	34,811	31,610	216,873	26,412
New Mexico	2,234	2,641	3,883	5,221	30,868	5,084
New York	38,333	52,695	60,778	56,727	385,408	43,626
North Carolina	3,670	6,965	9,700	9,132	47,451	6,030
North Dakota	1,185	1,512	1,704	1,803	10,661	1,446
Ohio	30,710	43,458	58,624	59,816	343,331	43,460
Oklahoma	5,216	10,075	11,328	12,740	69,211	9,411
Oregon	2,784	3,534	3,658	5,119	28,848	5,120
Pennsylvania	23,594	34,475	44,356	40,681	268,405	32,009
Rhode Island	1,776	2,550	2,811	2,539	17,384	1,877
South Carolina	1,584	3,604	5,128	4,919	23,486	3,090
South Dakota	1,242	1,605	1,848	2,006	12,056	1,794
Tennessee	3,358	8,021	11,948	11,742	57,334	7,480
Texas	14,980	25,831	29,189	36,599	213,433	27,295
Utah	4,336	5,407	6,009	7,769	48,922	8,059
Vermont	266	333	372	352	2,438	277
Virginia	4,861	8,858	12,556	11,468	65,176	8,605
Washington	5,069	6,884	7,035	9,026	53,144	9,135
West Virginia	3,128	4,528	6,475	5,694	35,201	4,348
Wisconsin	12,172	15,779	20,684	22,160	128,175	17,505
Wyoming	1,249	1,513	1,558	2,121	11,564	1,690
Total	420,041	601,196	751,639	813,239	4,847,702	638,175

R = Revised Data.
NA = Not Available.

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

Source: Form EIA-857.

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

(Million Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		
				June	May	April
Alabama	18,906	15,630	16,616	1,251	1,789	2,863
Alaska	14,355	13,476	11,545	1,247	1,558	2,084
Arizona	16,468	16,378	16,583	2,018	2,133	2,538
Arkansas	20,097	16,973	17,971	1,052	1,520	2,965
California	117,596	149,403	138,990	15,712	16,286	17,260
Colorado	NA	43,354	41,722	3,064	4,445	NA
Connecticut	23,829	23,381	24,700	1,745	2,247	3,528
Delaware	4,503	3,629	3,855	246	384	694
District of Columbia	9,595	10,609	9,032	824	1,233	1,893
Florida	23,417	22,055	21,839	3,038	3,346	3,933
Georgia	37,277	31,672	32,428	2,553	3,368	5,465
Hawaii	1,105	1,122	1,110	175	171	189
Idaho	7,075	7,042	5,720	479	712	997
Illinois	127,646	119,434	124,515	5,744	9,669	17,327
Indiana	NA	49,150	49,867	2,804	4,522	NA
Iowa	33,281	30,033	30,587	1,633	2,576	4,551
Kansas	NA	31,302	29,395	2,345	4,146	6,313
Kentucky	25,163	21,981	23,839	1,078	1,541	3,336
Louisiana	16,371	14,133	15,104	1,520	1,684	2,405
Maine	NA	1,427	1,512	NA	137	208
Maryland	NA	27,121	27,227	NA	NA	3,916
Massachusetts	56,044	48,675	56,031	4,356	6,044	8,945
Michigan	127,960	112,823	121,729	6,405	12,245	19,518
Minnesota	60,349	53,327	52,666	3,051	5,355	9,032
Mississippi	NA	11,986	11,961	NA	1,254	NA
Missouri	46,795	41,277	46,359	2,382	3,553	6,713
Montana	8,924	7,877	7,500	508	861	1,331
Nebraska	NA	21,259	21,977	NA	NA	NA
Nevada	11,366	11,167	10,520	1,259	1,422	1,772
New Hampshire	NA	4,070	4,377	NA	399	654
New Jersey	92,919	83,780	85,949	5,697	8,016	14,342
New Mexico	15,856	15,264	13,126	1,716	1,513	2,529
New York	NA	NA	139,236	NA	NA	NA
North Carolina	27,551	24,009	24,456	1,717	2,132	4,052
North Dakota	7,743	7,124	6,933	528	747	1,256
Ohio	123,446	106,342	113,164	7,883	8,916	16,747
Oklahoma	28,316	23,794	24,293	1,680	2,064	4,137
Oregon	15,387	13,579	13,193	1,303	1,751	2,058
Pennsylvania	97,814	81,668	90,393	5,395	7,912	13,712
Rhode Island	7,714	7,992	7,808	445	757	996
South Carolina	12,354	10,782	10,770	1,162	1,414	1,845
South Dakota	7,062	6,434	6,439	386	620	1,060
Tennessee	NA	31,281	32,782	NA	NA	NA
Texas	123,892	116,846	103,310	14,439	16,773	20,006
Utah	17,017	15,762	14,281	895	1,356	2,480
Vermont	1,830	1,651	1,781	98	155	282
Virginia	34,958	33,090	32,275	2,999	3,416	5,071
Washington	NA	25,827	24,207	2,679	3,305	4,158
West Virginia	18,683	14,419	16,030	1,121	1,567	2,528
Wisconsin	57,989	48,350	50,271	3,090	5,096	7,538
Wyoming	NA	6,619	5,620	NA	NA	NA
Total	1,986,853	1,769,413	1,793,595	142,244	190,004	295,842

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		
	March	February	January	Total	December	November
Alabama	3,710	4,770	4,524	26,126	3,479	2,218
Alaska	2,778	3,592	3,096	24,964	3,190	2,460
Arizona	3,007	3,145	3,627	28,309	2,821	2,072
Arkansas	3,896	5,249	5,416	28,083	4,449	2,307
California	21,607	23,193	R23,538	277,512	26,301	22,948
Colorado	8,937	10,427	10,418	67,829	7,399	5,795
Connecticut	4,844	5,472	5,993	36,703	4,188	2,802
Delaware	889	1,186	1,104	5,588	833	378
District of Columbia	1,537	1,952	2,156	17,047	2,195	1,117
Florida	4,173	4,280	4,648	40,587	3,906	3,188
Georgia	7,657	8,524	R9,709	56,420	7,942	5,632
Hawaii	182	190	198	2,199	177	178
Idaho	1,364	1,786	1,737	11,032	1,301	998
Illinois	26,510	32,463	35,932	204,513	30,628	22,366
Indiana	11,991	13,926	15,950	82,592	12,952	9,110
Iowa	7,057	8,294	9,170	50,262	7,653	5,575
Kansas	NA	10,064	11,643	66,365	11,223	4,396
Kentucky	5,570	6,122	7,515	38,376	6,298	4,718
Louisiana	3,035	3,747	3,980	23,783	2,563	1,825
Maine	356	386	413	2,426	389	254
Maryland	5,758	6,633	7,841	46,837	7,545	4,862
Massachusetts	11,118	12,630	12,951	82,591	11,977	7,598
Michigan	27,609	30,085	32,098	187,581	28,860	19,101
Minnesota	12,803	R13,870	16,238	98,638	14,331	9,917
Mississippi	2,553	3,333	3,512	20,205	2,717	1,787
Missouri	9,530	11,795	12,821	65,655	9,382	5,791
Montana	1,761	2,277	2,186	13,387	1,884	1,443
Nebraska	NA	NA	NA	NA	NA	NA
Nevada	2,223	2,267	2,422	18,675	1,864	1,439
New Hampshire	963	1,118	1,151	6,514	989	619
New Jersey	18,924	22,520	23,419	139,682	21,086	11,734
New Mexico	2,615	3,387	4,095	26,154	3,187	2,396
New York	NA	NA	NA	234,788	30,575	24,554
North Carolina	5,244	6,946	7,460	39,815	5,611	3,476
North Dakota	1,500	1,862	1,850	12,942	1,712	2,566
Ohio	26,511	29,576	33,814	173,528	27,197	18,497
Oklahoma	5,282	7,545	7,609	37,933	4,975	2,746
Oregon	2,898	3,903	3,475	23,370	2,835	2,136
Pennsylvania	20,774	23,687	26,335	143,823	23,306	20,176
Rhode Island	1,605	1,918	1,993	12,471	1,494	1,176
South Carolina	2,146	2,725	3,062	18,831	2,385	1,669
South Dakota	1,488	1,686	1,823	10,535	1,433	1,104
Tennessee	7,255	9,109	9,588	53,174	5,496	4,867
Texas	26,005	20,200	26,470	223,144	28,940	16,444
Utah	3,130	4,605	4,550	26,857	3,729	2,608
Vermont	384	449	462	NA	409	242
Virginia	7,242	7,888	8,342	56,469	8,139	5,676
Washington	5,464	6,868	6,337	43,170	5,290	4,064
West Virginia	3,460	4,031	5,976	23,931	3,402	1,427
Wisconsin	12,333	13,920	16,012	83,209	13,436	10,324
Wyoming	NA	NA	NA	NA	NA	NA
Total	402,742	R456,499	R499,523	3,095,478	430,218	302,746

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	1995					
	October	September	August	July	June	May
Alabama	1,351	1,159	1,127	1,162	1,255	1,460
Alaska	1,846	1,366	1,301	1,325	1,489	1,603
Arizona	1,717	1,656	1,822	1,844	2,022	2,260
Arkansas	1,203	1,078	1,042	1,031	1,179	1,363
California	20,834	19,597	18,115	20,313	19,092	24,922
Colorado	4,002	2,249	2,354	2,676	4,122	5,864
Connecticut	1,512	1,275	1,868	1,677	1,914	2,627
Delaware	204	201	165	178	219	334
District of Columbia	795	766	745	820	885	1,159
Florida	2,855	2,832	2,766	2,985	2,945	3,071
Georgia	3,381	2,459	2,790	2,544	2,633	2,933
Hawaii	179	179	178	186	188	185
Idaho	591	392	346	361	488	708
Illinois	11,981	7,134	6,779	6,192	6,314	9,293
Indiana	4,188	2,614	2,335	2,244	2,453	4,055
Iowa	2,941	1,658	1,122	1,278	1,447	2,260
Kansas	2,130	9,787	4,916	2,610	2,173	3,379
Kentucky	1,890	1,249	1,102	1,138	1,063	1,682
Louisiana	1,411	1,328	1,308	1,216	1,542	1,577
Maine	129	86	71	70	77	128
Maryland	1,917	2,062	1,720	1,610	1,992	2,385
Massachusetts	4,035	3,540	3,359	3,406	3,935	5,308
Michigan	9,405	6,159	5,653	5,580	6,310	10,743
Minnesota	5,471	6,485	6,886	2,221	2,627	4,311
Mississippi	814	697	1,252	953	1,097	1,143
Missouri	2,794	2,170	2,114	2,128	2,383	3,580
Montana	892	516	373	401	484	866
Nebraska	NA	NA	4,744	3,868	1,753	2,374
Nevada	1,146	1,005	975	1,079	1,266	1,557
New Hampshire	285	197	165	188	227	369
New Jersey	6,367	5,732	5,343	5,640	5,642	8,369
New Mexico	1,500	1,353	1,256	1,199	1,600	2,401
New York	13,366	10,791	10,994	11,474	11,697	14,610
North Carolina	1,857	1,699	1,575	1,587	1,687	1,884
North Dakota	546	332	323	340	407	669
Ohio	7,857	4,594	4,378	4,664	4,946	8,072
Oklahoma	1,740	1,754	1,458	1,466	1,711	2,261
Oregon	2,005	979	879	959	1,160	1,578
Pennsylvania	6,713	4,171	3,898	3,891	4,392	7,150
Rhode Island	561	285	563	399	544	872
South Carolina	1,052	1,040	954	949	979	1,043
South Dakota	645	353	259	307	395	636
Tennessee	2,619	2,055	2,150	4,707	2,070	2,465
Texas	13,658	11,037	18,804	17,413	12,329	17,898
Utah	1,907	1,089	900	862	1,123	1,677
Vermont	NA	95	72	70	89	140
Virginia	2,658	2,095	2,439	2,372	2,565	3,363
Washington	2,320	2,244	1,665	1,761	2,193	2,875
West Virginia	1,527	1,131	1,040	985	1,043	1,368
Wisconsin	4,769	2,182	2,155	1,993	2,181	4,254
Wyoming	NA	NA	370	447	595	873
Total	172,605	142,760	140,965	136,771	134,918	187,956

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	
	April	March	February	January	Total	December
Alabama	1,947	3,358	3,943	3,666	25,529	2,424
Alaska	2,362	2,896	2,727	2,400	20,698	2,702
Arizona	2,561	2,708	3,185	3,642	29,247	3,494
Arkansas	2,073	3,565	4,289	4,505	27,410	3,136
California	24,046	23,513	25,799	32,030	262,540	25,441
Colorado	6,513	7,881	9,280	9,694	65,938	9,005
Connecticut	3,517	4,963	5,239	5,121	39,084	4,152
Delaware	516	836	915	811	5,460	554
District of Columbia	1,609	2,090	2,585	2,282	14,742	1,658
Florida	3,445	3,921	4,379	4,294	40,003	3,509
Georgia	3,755	5,881	8,297	8,173	54,053	6,256
Hawaii	183	185	180	200	2,200	185
Idaho	952	1,818	1,320	1,755	10,098	1,659
Illinois	15,725	23,342	30,482	34,278	197,604	24,889
Indiana	6,547	9,544	13,096	13,453	75,878	9,432
Iowa	4,077	5,479	6,848	9,921	47,927	6,492
Kansas	4,260	5,763	7,377	8,350	52,263	7,095
Kentucky	2,097	4,464	6,211	6,464	36,746	4,721
Louisiana	1,840	2,748	3,211	3,215	24,207	2,302
Maine	211	288	373	350	2,381	309
Maryland	3,731	4,463	7,816	6,734	44,161	5,453
Massachusetts	7,699	9,961	11,352	10,421	84,537	8,129
Michigan	17,788	23,151	27,880	26,952	183,082	21,605
Minnesota	7,770	10,595	13,183	14,841	83,962	11,855
Mississippi	1,376	2,367	2,930	3,074	19,241	1,973
Missouri	4,982	8,169	10,879	11,283	66,196	7,632
Montana	1,236	1,641	1,580	2,070	12,987	2,039
Nebraska	2,985	4,061	4,799	5,286	38,955	4,174
Nevada	1,784	1,866	2,141	2,553	18,730	2,594
New Hampshire	632	864	999	979	6,412	743
New Jersey	12,453	17,705	20,433	19,178	132,013	14,841
New Mexico	2,183	2,452	2,522	4,106	25,025	3,242
New York	20,159	NA	29,551	28,571	223,309	24,179
North Carolina	3,286	4,517	6,420	6,216	38,948	4,585
North Dakota	1,138	1,461	1,653	1,797	10,791	1,190
Ohio	14,014	21,680	29,565	28,066	166,847	20,894
Oklahoma	2,852	4,988	5,802	6,180	36,660	4,496
Oregon	2,063	2,551	2,685	3,542	22,977	3,558
Pennsylvania	11,834	16,637	21,129	20,526	138,483	15,765
Rhode Island	1,309	1,822	1,835	1,610	12,050	1,336
South Carolina	1,380	2,101	2,651	2,628	17,872	1,841
South Dakota	1,035	1,298	1,472	1,598	10,280	1,467
Tennessee	3,400	6,179	8,618	8,549	50,766	5,788
Texas	19,469	22,468	21,092	23,590	180,277	16,621
Utah	2,432	2,951	3,329	4,249	26,553	4,291
Vermont	277	352	406	388	2,669	334
Virginia	4,568	6,471	8,114	8,009	52,963	6,371
Washington	3,939	5,042	5,310	6,468	43,137	6,442
West Virginia	1,970	2,710	3,786	3,542	24,979	2,799
Wisconsin	7,021	9,636	12,408	12,849	78,645	11,513
Wyoming	992	1,225	1,264	1,670	9,248	1,272
Total	255,997	345,074	413,340	432,129	2,896,764	338,439

R = Revised Data.
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		
				June	May	April
Alabama	102,174	99,386	88,546	15,869	17,107	17,467
Alaska	35,885	34,470	27,612	6,268	5,808	6,123
Arizona	11,841	13,455	12,151	2,180	1,453	2,027
Arkansas	62,175	69,418	67,755	7,565	7,760	9,395
California	311,805	336,732	321,911	53,900	53,792	52,408
Colorado	NA	49,796	37,692	6,322	6,610	NA
Connecticut	15,704	17,132	15,405	2,457	2,467	2,809
Delaware	7,133	8,480	7,575	1,303	1,218	1,046
District of Columbia	0	0	0	0	0	0
Florida	67,512	68,331	59,798	10,973	12,808	11,548
Georgia	89,015	94,938	82,956	15,327	16,204	16,443
Hawaii	0	0	0	0	0	0
Idaho [a]	NA	17,139	14,468	2,698	2,850	2,856
Illinois	180,267	165,577	164,691	21,342	25,431	28,023
Indiana	NA	149,238	140,647	42,099	9,872	NA
Iowa	56,963	58,075	53,456	8,468	7,441	9,739
Kansas	58,301	64,997	93,558	10,290	8,043	8,982
Kentucky	48,533	48,494	42,467	8,771	6,452	7,302
Louisiana	504,425	522,511	484,585	85,599	87,685	87,235
Maine	NA	931	843	NA	148	134
Maryland	NA	25,346	22,338	NA	5,767	4,971
Massachusetts	NA	57,103	47,959	NA	7,161	8,256
Michigan	191,296	177,347	174,426	26,274	28,608	31,012
Minnesota	55,328	52,220	47,165	8,542	8,463	10,138
Mississippi	NA	42,948	49,474	NA	6,660	NA
Missouri	38,685	34,674	35,649	4,694	5,306	6,434
Montana	8,696	8,712	6,691	1,174	1,286	1,311
Nebraska	15,091	19,755	18,304	1,938	2,133	2,598
Nevada	15,984	14,632	14,097	2,710	2,858	2,524
New Hampshire	NA	2,311	2,137	NA	424	400
New Jersey	95,601	104,520	100,496	13,725	14,226	17,426
New Mexico	10,053	9,611	8,755	1,585	1,373	1,698
New York	NA	168,070	109,161	22,308	20,091	[R]23,851
North Carolina	49,255	53,503	45,757	8,315	9,059	8,670
North Dakota	3,356	3,470	3,124	353	605	609
Ohio	188,814	175,304	163,063	29,512	26,441	28,938
Oklahoma	99,449	100,658	100,893	14,700	15,995	15,078
Oregon	40,041	33,934	30,818	6,795	7,304	5,970
Pennsylvania	140,024	128,467	118,866	18,268	19,584	20,831
Rhode Island	13,329	16,177	17,236	2,114	2,210	2,087
South Carolina	43,508	51,144	46,476	7,452	8,125	8,163
South Dakota	4,547	3,515	2,693	478	509	550
Tennessee	NA	65,096	62,400	10,234	NA	NA
Texas	NA	887,055	947,584	170,840	NA	173,580
Utah	21,265	22,847	17,835	3,171	3,374	3,435
Vermont	950	1,121	997	152	175	133
Virginia	41,547	42,680	43,141	4,489	6,629	5,952
Washington	NA	54,577	50,995	7,684	NA	8,821
West Virginia	25,565	25,938	24,230	3,772	3,974	4,024
Wisconsin	81,144	79,055	73,733	9,125	10,717	13,095
Wyoming	NA	23,805	30,015	NA	NA	NA
Total	4,409,833	4,304,697	4,132,624	700,630	697,412	[R]723,421

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		
	March	February	January	Total	December	November
Alabama	17,510	17,110	17,111	201,381	17,354	16,933
Alaska	6,764	6,115	4,807	65,044	5,401	4,835
Arizona	2,127	1,903	2,152	25,333	2,094	2,042
Arkansas	12,225	12,109	13,121	138,799	12,004	12,087
California	49,323	51,577	50,804	687,287	56,206	55,397
Colorado	7,196	9,416	7,087	90,100	8,158	6,619
Connecticut	3,036	2,777	2,159	34,780	3,496	3,165
Delaware	1,314	1,082	1,170	16,411	1,092	1,376
District of Columbia	0	0	0	0	0	0
Florida	11,663	10,950	9,571	132,348	10,661	11,280
Georgia	15,898	12,632	12,511	194,390	15,731	16,669
Hawaii	0	0	0	0	0	0
Idaho [a]	3,206	3,062	NA	33,491	3,142	2,955
Illinois	32,575	33,464	39,431	322,296	35,637	32,290
Indiana	26,126	25,586	28,214	280,564	27,462	25,210
Iowa	10,450	9,739	11,126	117,560	10,893	10,731
Kansas	9,669	10,589	10,728	130,162	10,351	10,981
Kentucky	8,478	7,906	9,625	92,016	8,799	8,142
Louisiana	83,507	86,417	73,982	1,030,240	80,990	81,937
Maine	159	164	171	1,993	169	242
Maryland	[R]4,662	3,294	3,656	48,924	2,847	4,020
Massachusetts	8,627	6,960	8,908	108,549	9,857	9,073
Michigan	35,451	35,465	34,486	331,542	32,641	28,138
Minnesota	10,632	8,347	9,208	94,128	9,481	8,288
Mississippi	7,296	7,076	6,417	79,790	7,011	7,052
Missouri	7,065	7,224	7,961	64,978	6,068	5,892
Montana	1,497	1,563	1,865	17,848	1,841	1,766
Nebraska	2,881	2,688	2,852	39,932	2,894	3,744
Nevada	2,649	2,545	2,699	29,851	2,631	2,545
New Hampshire	390	330	357	4,578	346	448
New Jersey	15,569	16,487	18,169	206,671	18,748	17,500
New Mexico	1,562	1,911	1,924	18,708	1,766	1,736
New York	[R]20,787	23,933	21,976	324,380	31,657	26,949
North Carolina	8,975	6,916	7,319	107,013	8,159	9,267
North Dakota	630	578	581	NA	629	2,359
Ohio	31,348	33,710	38,866	339,374	35,841	31,069
Oklahoma	17,754	16,829	19,093	197,792	15,470	16,820
Oregon	6,376	6,164	7,431	70,810	6,418	8,705
Pennsylvania	22,803	22,032	36,506	244,794	21,548	23,278
Rhode Island	1,833	1,647	3,438	34,892	3,516	3,744
South Carolina	7,564	6,225	5,979	99,206	6,963	8,287
South Dakota	1,684	698	629	7,063	714	743
Tennessee	10,061	10,371	12,188	124,890	10,285	10,385
Texas	181,980	NA	187,313	1,812,437	162,401	155,020
Utah	3,636	3,721	3,928	42,434	3,774	3,386
Vermont	223	148	119	2,226	262	228
Virginia	9,912	[R]7,239	[R]7,326	96,277	9,802	7,038
Washington	9,105	9,791	10,052	NA	9,415	9,635
West Virginia	4,407	4,128	5,261	51,558	4,522	4,835
Wisconsin	16,120	14,918	17,170	152,927	16,728	14,955
Wyoming	NA	NA	NA	NA	NA	NA
Total	[R]758,660	[R]744,880	[R]784,830	8,518,117	759,554	735,299

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	1995					
	October	September	August	July	June	May
Alabama	16,840	16,275	17,597	16,997	16,513	16,331
Alaska	4,526	4,422	5,876	5,514	6,206	5,344
Arizona	2,036	1,942	1,939	1,824	2,038	2,251
Arkansas	11,997	10,701	11,564	11,027	10,744	11,321
California	59,245	59,615	59,558	60,533	57,885	59,522
Colorado	5,560	6,983	6,386	6,597	8,096	7,884
Connecticut	2,531	2,557	2,509	3,390	2,419	2,493
Delaware	1,427	1,373	1,405	1,258	1,476	1,778
District of Columbia	0	0	0	0	0	0
Florida	10,735	9,920	10,468	10,953	10,364	11,558
Georgia	16,498	14,556	18,606	17,391	15,765	16,348
Hawaii	0	0	0	0	0	0
Idaho [a]	3,122	2,478	2,299	2,357	2,833	2,807
Illinois	25,159	22,054	21,698	19,881	21,300	23,769
Indiana	21,434	19,340	19,495	18,385	19,058	21,150
Iowa	10,646	9,082	9,283	8,851	9,089	9,644
Kansas	8,727	8,258	15,545	11,303	8,741	11,851
Kentucky	7,610	6,508	6,432	6,030	6,567	7,092
Louisiana	86,597	84,788	86,126	87,291	84,407	88,572
Maine	199	155	161	136	155	171
Maryland	4,676	3,367	4,436	4,232	4,067	4,599
Massachusetts	7,507	7,782	8,566	8,660	9,537	7,810
Michigan	24,996	22,514	23,462	22,444	24,600	26,509
Minnesota	8,579	4,073	3,463	8,025	7,321	7,635
Mississippi	5,157	4,559	6,537	6,526	6,625	7,111
Missouri	5,198	4,617	4,473	4,057	4,291	4,794
Montana	1,652	1,296	1,303	1,278	1,269	1,466
Nebraska	2,810	3,150	3,524	4,055	2,960	3,214
Nevada	2,313	2,571	2,617	2,542	2,486	2,690
New Hampshire	414	348	351	361	364	408
New Jersey	16,163	16,555	16,614	16,571	13,838	16,325
New Mexico	841	1,527	1,811	1,416	1,226	1,242
New York	NA	24,085	24,433	24,853	23,975	24,069
North Carolina	9,396	9,028	9,332	8,327	9,072	8,708
North Dakota	NA	413	431	473	478	530
Ohio	27,014	24,177	23,638	22,331	22,476	24,864
Oklahoma	16,921	15,416	17,769	14,739	16,472	15,615
Oregon	5,218	5,246	5,918	5,371	5,236	5,617
Pennsylvania	18,539	17,644	17,806	17,512	17,859	18,620
Rhode Island	2,044	3,578	3,704	2,129	1,753	3,036
South Carolina	8,338	8,138	8,498	7,836	9,437	8,954
South Dakota	561	482	540	508	563	577
Tennessee	10,350	11,245	11,038	6,492	10,179	8,103
Texas	159,097	149,679	138,496	160,689	145,210	166,400
Utah	3,404	3,124	3,003	2,898	3,003	3,456
Vermont	187	118	154	156	162	177
Virginia	7,332	8,591	11,955	8,880	7,735	7,829
Washington	NA	NA	9,474	7,695	7,611	7,833
West Virginia	4,530	3,986	4,059	3,688	3,853	4,220
Wisconsin	11,814	10,128	10,859	9,387	9,071	10,565
Wyoming	NA	NA	3,828	3,783	3,902	3,863
Total	699,998	661,902	679,040	677,628	660,286	706,724

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	
	April	March	February	January	Total	December
Alabama	15,926	17,381	16,227	17,009	181,718	16,864
Alaska	5,705	6,443	4,957	5,815	61,404	5,931
Arizona	2,320	2,636	2,120	2,090	25,869	2,169
Arkansas	10,834	12,138	11,544	12,837	133,921	12,012
California	60,716	52,610	48,562	57,438	656,751	51,275
Colorado	8,284	8,094	8,381	9,057	71,093	7,290
Connecticut	2,938	3,381	2,961	2,941	30,647	2,784
Delaware	1,538	1,335	1,115	1,238	17,216	1,653
District of Columbia	0	0	0	0	0	0
Florida	11,557	12,000	10,943	11,910	126,873	12,415
Georgia	17,886	15,985	13,077	15,877	173,901	15,810
Hawaii	0	0	0	0	0	0
Idaho [a]	2,844	2,378	2,938	3,339	29,781	3,059
Illinois	25,564	28,686	32,738	33,520	305,092	34,649
Indiana	23,243	26,226	26,032	33,528	270,128	25,585
Iowa	9,954	10,448	9,931	9,008	108,731	9,605
Kansas	10,620	11,115	8,467	14,204	187,979	16,375
Kentucky	7,576	8,616	9,262	9,381	83,081	8,000
Louisiana	89,454	84,735	82,889	92,454	999,034	87,359
Maine	182	150	137	136	1,771	155
Maryland	4,360	5,406	3,534	3,380	47,691	4,481
Massachusetts	9,380	10,422	10,083	9,870	92,798	7,797
Michigan	30,789	31,967	31,332	32,151	327,848	31,853
Minnesota	8,454	8,784	9,090	10,936	94,468	9,744
Mississippi	6,514	7,595	7,160	7,944	96,863	8,852
Missouri	5,195	6,302	6,699	7,392	71,602	8,590
Montana	1,538	1,637	1,259	1,543	13,940	1,548
Nebraska	3,283	3,434	3,231	3,632	36,960	3,862
Nevada	2,238	2,264	2,256	2,698	28,867	2,517
New Hampshire	503	441	281	314	4,471	328
New Jersey	18,433	18,234	18,601	19,089	190,845	18,139
New Mexico	1,429	1,541	1,399	2,775	18,741	1,587
New York	27,675	31,093	30,980	30,278	214,438	22,448
North Carolina	8,507	9,563	8,345	9,308	94,838	8,540
North Dakota	561	648	625	629	5,846	557
Ohio	27,891	31,444	34,194	34,435	311,123	30,825
Oklahoma	14,824	17,101	15,503	21,142	195,909	17,033
Oregon	5,543	5,875	5,550	6,113	62,569	5,641
Pennsylvania	21,100	23,255	23,168	24,464	236,417	22,718
Rhode Island	3,054	2,753	2,613	2,968	40,921	3,605
South Carolina	8,702	10,075	6,975	7,001	97,500	8,512
South Dakota	591	546	639	598	5,508	614
Tennessee	12,729	11,194	11,113	11,777	118,889	11,436
Texas	152,773	148,741	132,192	141,740	1,829,478	145,151
Utah	3,507	3,453	3,966	5,460	36,618	4,545
Vermont	199	192	181	210	2,023	201
Virginia	7,018	6,267	6,210	7,621	85,764	6,678
Washington	9,432	9,775	9,280	10,646	107,603	10,799
West Virginia	4,126	4,649	4,370	4,720	46,774	4,369
Wisconsin	12,995	14,438	15,506	16,481	135,106	11,026
Wyoming	4,115	3,569	3,910	4,446	60,566	5,754
Total	724,602	737,016	702,525	773,543	8,177,975	732,737

[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.

[R] = Revised Data.

[NA] = Not Available.

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

Source: Form EIA-857.

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

(Million Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		
				June	May	April
Alabama	2,235	1,974	1,585	932	841	112
Alaska	15,818	14,921	13,715	2,613	2,595	2,434
Arizona	6,043	5,614	8,676	1,942	1,048	828
Arkansas	15,611	11,761	7,955	5,729	4,348	3,663
California	113,180	157,351	255,634	23,710	18,674	18,202
Colorado	1,806	1,907	2,549	319	427	246
Connecticut	1,927	11,100	173	952	596	298
Delaware	10,547	11,013	6,053	2,727	1,191	1,291
District of Columbia	0	0	0	0	0	0
Florida	127,587	146,768	78,624	28,343	31,478	21,801
Georgia	2,200	1,808	526	1,011	1,001	61
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	11,450	15,595	17,065	4,210	2,565	2,103
Indiana	2,445	2,676	4,271	746	507	248
Iowa	1,883	1,042	1,261	546	436	289
Kansas	9,572	8,767	10,778	4,179	1,669	728
Kentucky	972	366	198	236	237	139
Louisiana	117,337	144,175	111,132	32,610	27,082	13,556
Maine	0	0	0	0	0	0
Maryland	2,784	4,942	3,019	1,279	981	220
Massachusetts	12,046	27,655	9,546	3,620	2,446	2,108
Michigan	14,989	14,517	8,522	3,066	2,617	2,011
Minnesota	2,094	3,530	2,235	699	273	342
Mississippi	35,257	51,608	24,363	12,011	8,495	4,734
Missouri	2,389	3,948	1,535	1,012	803	184
Montana	168	88	196	52	8	4
Nebraska	1,331	816	2,054	466	321	202
Nevada	19,895	16,032	12,155	4,807	4,277	2,737
New Hampshire	2	940	438	0	0	0
New Jersey	10,789	14,383	15,191	4,211	1,987	647
New Mexico	13,095	16,435	15,226	2,899	3,071	1,997
New York	48,147	108,671	54,991	16,792	13,150	5,595
North Carolina	1,230	607	809	803	378	3
North Dakota	1	1	1	1	0	0
Ohio	1,285	1,469	2,105	477	427	46
Oklahoma	60,399	67,081	61,971	17,720	12,330	7,340
Oregon	0	7,038	8,763	0	0	0
Pennsylvania	2,050	10,029	3,100	592	507	262
Rhode Island	11,352	7	479	2,047	2,013	1,700
South Carolina	495	1,367	522	279	189	9
South Dakota	196	134	62	174	2	3
Tennessee	122	73	660	78	15	0
Texas	509,664	490,203	483,003	115,308	116,249	72,922
Utah	789	4,541	2,835	228	8	128
Vermont	7	65	63	4	0	2
Virginia	4,207	8,451	7,154	1,534	861	107
Washington	150	1,238	143	0	1	0
West Virginia	107	232	130	21	9	16
Wisconsin	2,759	2,578	2,019	773	697	229
Wyoming	12	52	63	0	0	0
Total	1,198,412	1,395,517	1,243,547	301,759	266,809	169,547

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	1996			1995		
	March	February	January	Total	December	November
Alabama	134	125	92	7,377	107	226
Alaska	2,763	2,573	2,839	29,809	2,528	2,436
Arizona	649	550	1,025	18,846	510	502
Arkansas	1,181	433	258	32,750	813	622
California	13,728	15,742	23,123	394,698	23,944	30,266
Colorado	317	305	193	3,798	259	230
Connecticut	28	27	26	19,310	44	928
Delaware	1,742	939	2,657	27,010	1,964	2,478
District of Columbia	0	0	0	0	0	0
Florida	15,876	13,992	16,097	318,854	17,056	25,857
Georgia	98	15	13	7,834	17	63
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	856	421	1,296	39,143	2,782	3,216
Indiana	233	337	373	8,349	671	623
Iowa	274	162	176	3,614	145	129
Kansas	726	701	1,568	27,945	1,090	1,050
Kentucky	119	56	186	866	170	124
Louisiana	15,080	14,146	14,863	322,923	16,716	21,614
Maine	0	0	0	0	0	0
Maryland	126	69	109	18,833	140	435
Massachusetts	1,485	1,435	952	64,623	1,732	3,431
Michigan	2,100	2,214	2,981	35,784	3,540	3,217
Minnesota	351	200	229	8,292	255	456
Mississippi	3,311	2,838	3,868	111,229	6,426	5,181
Missouri	111	134	146	12,830	234	500
Montana	37	23	43	388	27	32
Nebraska	139	80	123	3,059	265	269
Nevada	2,474	2,488	3,113	40,134	2,686	2,463
New Hampshire	0	0	0	2,248	0	9
New Jersey	483	1,291	2,171	45,897	2,199	2,576
New Mexico	2,383	861	1,883	31,924	1,842	2,025
New York	5,703	3,392	3,514	246,265	8,774	16,690
North Carolina	3	9	35	3,146	66	114
North Dakota	0	0	0	1	0	0
Ohio	58	90	187	7,459	315	402
Oklahoma	7,490	6,910	8,610	154,114	9,251	7,826
Oregon	0	0	0	19,136	455	1,700
Pennsylvania	225	120	344	24,697	267	380
Rhode Island	2,395	1,523	1,674	5,002	2,061	1,571
South Carolina	9	5	4	6,615	12	10
South Dakota	6	10	1	931	26	35
Tennessee	29	0	0	2,055	0	0
Texas	72,619	61,382	71,184	1,047,274	61,416	55,785
Utah	137	151	138	8,707	188	452
Vermont	0	0	1	138	48	13
Virginia	201	505	998	16,414	761	1,209
Washington	57	26	65	6,356	12	268
West Virginia	13	16	33	410	23	40
Wisconsin	353	271	436	9,289	610	465
Wyoming	0	5	7	128	8	11
Total	156,102	136,567	167,628	3,196,379	172,449	197,916

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	1995					
	October	September	August	July	June	May
Alabama	260	418	2,562	1,830	623	293
Alaska	2,350	2,536	2,706	2,333	2,319	2,615
Arizona	375	2,738	5,286	3,821	1,027	707
Arkansas	2,059	4,391	7,508	5,596	4,070	3,167
California	34,916	50,120	58,660	39,441	18,651	18,187
Colorado	341	377	358	326	447	220
Connecticut	1,000	1,077	2,352	2,810	2,202	2,414
Delaware	2,356	2,341	3,165	3,692	1,730	1,236
District of Columbia	0	0	0	0	0	0
Florida	30,486	33,168	32,954	32,565	33,287	31,358
Georgia	184	235	3,049	2,478	706	629
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	1,456	1,228	8,989	5,877	4,308	1,406
Indiana	246	166	2,386	1,581	616	432
Iowa	215	278	1,196	609	355	123
Kansas	629	2,281	8,016	6,111	2,590	1,212
Kentucky	30	23	87	66	33	95
Louisiana	26,302	31,977	41,725	40,415	35,649	28,330
Maine	0	0	0	0	0	0
Maryland	632	2,163	5,936	4,585	1,568	538
Massachusetts	5,658	7,340	9,537	9,270	8,232	7,090
Michigan	2,521	2,961	5,909	3,120	3,035	2,465
Minnesota	562	719	1,700	1,070	931	729
Mississippi	6,374	10,892	16,129	14,618	12,311	10,347
Missouri	416	808	3,949	2,974	1,150	689
Montana	16	26	141	60	47	14
Nebraska	246	198	782	483	211	113
Nevada	3,138	4,522	5,977	5,316	3,222	3,051
New Hampshire	2	122	547	627	528	395
New Jersey	2,133	3,362	10,598	10,649	3,563	2,112
New Mexico	1,917	2,286	3,692	3,727	2,839	2,986
New York	19,517	22,888	35,249	34,476	25,784	20,520
North Carolina	194	123	1,509	532	158	195
North Dakota	0	0	0	0	0	0
Ohio	179	555	2,794	1,745	504	178
Oklahoma	8,438	13,154	25,658	22,707	15,774	12,758
Oregon	2,940	2,940	2,932	1,132	0	230
Pennsylvania	1,527	2,953	5,002	4,538	3,276	1,161
Rhode Island	426	545	284	108	7	0
South Carolina	1,064	1,441	1,897	825	471	185
South Dakota	32	26	449	230	98	7
Tennessee	0	49	1,251	682	73	0
Texas	75,055	97,312	137,556	129,947	103,034	97,077
Utah	865	1,245	1,270	146	175	848
Vermont	3	2	2	5	4	3
Virginia	1,191	1,223	2,171	1,408	213	1,248
Washington	1,134	2,554	1,062	88	21	8
West Virginia	45	18	29	23	36	39
Wisconsin	243	304	3,004	2,084	1,123	204
Wyoming	8	10	8	32	4	7
Total	239,672	316,086	468,014	406,726	297,003	257,614

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	1995				1994	
	April	March	February	January	Total	December
Alabama	209	321	244	284	3,834	326
Alaska	2,335	2,580	2,170	2,903	29,048	2,930
Arizona	1,002	969	783	1,126	23,716	933
Arkansas	2,243	1,738	239	303	24,977	311
California	25,880	30,550	26,826	37,257	601,290	49,192
Colorado	282	419	209	330	4,881	357
Connecticut	1,645	1,969	1,353	1,516	8,002	940
Delaware	2,145	2,358	1,782	1,761	17,399	1,696
District of Columbia	0	0	0	0	0	0
Florida	29,875	26,012	12,634	13,603	180,697	14,569
Georgia	231	82	82	79	1,028	87
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	1,759	4,034	2,472	1,615	34,505	3,014
Indiana	167	362	547	552	9,009	606
Iowa	246	126	78	114	2,696	208
Kansas	1,307	1,209	1,214	1,234	27,279	1,137
Kentucky	26	54	79	78	350	25
Louisiana	22,135	21,518	16,135	20,408	277,116	17,953
Maine	0	0	0	0	0	0
Maryland	535	448	1,191	661	12,718	577
Massachusetts	6,731	3,824	871	906	38,567	414
Michigan	2,752	2,895	1,736	1,635	18,218	1,705
Minnesota	464	356	577	473	5,826	487
Mississippi	6,102	7,581	7,331	7,935	82,541	7,988
Missouri	749	803	390	167	4,351	195
Montana	3	9	4	11	632	48
Nebraska	134	205	68	85	3,061	139
Nevada	1,928	2,922	3,000	1,907	32,246	1,279
New Hampshire	0	0	0	17	1,277	1
New Jersey	1,194	3,007	2,224	2,282	42,625	2,232
New Mexico	3,044	2,450	2,660	2,455	32,214	2,466
New York	16,880	18,594	12,171	14,721	182,521	16,100
North Carolina	168	74	13	0	871	4
North Dakota	0	0	0	0	3	0
Ohio	251	225	246	66	2,818	58
Oklahoma	12,326	10,292	6,975	8,956	153,109	10,380
Oregon	842	1,582	1,536	2,847	26,132	3,149
Pennsylvania	1,122	1,579	1,535	1,356	12,716	900
Rhode Island	0	0	0	0	546	0
South Carolina	7	695	3	7	3,005	665
South Dakota	6	1	19	3	159	3
Tennessee	0	0	0	0	1,019	0
Texas	79,847	90,229	55,302	64,715	1,049,205	61,644
Utah	900	904	771	944	8,900	947
Vermont	2	19	13	24	166	1
Virginia	1,093	1,639	2,128	2,131	19,219	1,862
Washington	8	108	228	865	2,461	1
West Virginia	80	20	23	34	243	19
Wisconsin	228	336	404	285	3,821	330
Wyoming	7	14	6	15	129	8
Total	228,881	245,097	168,268	198,654	2,987,146	207,886

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

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

Source: Form EIA-759.

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

(Million Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996		
				June	May	April
Alabama	164,866	149,979	143,355	19,546	22,760	26,857
Alaska	75,483	71,946	61,559	10,776	10,926	12,065
Arizona	52,145	53,844	56,592	7,241	5,977	7,571
Arkansas	129,822	125,111	122,782	15,552	15,597	20,876
California	811,485	937,299	1,008,107	119,345	118,788	123,629
Colorado	165,254	163,993	147,132	14,298	18,826	[R]24,877
Connecticut	70,986	77,951	70,158	6,428	7,613	11,035
Delaware	29,369	28,906	23,934	4,590	3,352	4,160
District of Columbia	21,589	20,821	20,458	1,412	2,050	3,623
Florida	229,472	246,267	169,261	43,143	48,651	38,941
Georgia	206,634	191,807	181,549	22,055	25,019	31,837
Hawaii	1,395	1,428	1,415	220	215	238
Idaho	34,638	32,545	27,411	3,719	4,537	5,167
Illinois	650,655	594,781	616,168	43,736	64,837	90,660
Indiana	335,016	300,204	303,089	50,159	23,811	51,070
Iowa	161,748	139,568	137,758	13,605	15,729	23,316
Kansas	166,370	151,867	181,735	18,627	17,170	22,499
Kentucky	119,863	109,109	108,143	11,619	10,525	16,430
Louisiana	678,098	713,907	647,192	121,725	119,037	108,397
Maine	NA	2,896	2,927	NA	339	423
Maryland	NA	104,462	105,079	NA	13,065	16,389
Massachusetts	NA	202,353	197,449	NA	22,433	30,931
Michigan	599,219	536,870	557,067	46,354	68,081	92,774
Minnesota	207,906	186,323	183,428	15,946	21,319	31,835
Mississippi	NA	123,652	104,859	NA	17,772	[R]15,598
Missouri	231,116	161,642	172,930	13,380	19,223	33,786
Montana	31,493	28,324	25,424	2,487	3,594	4,732
Nebraska	NA	71,244	72,978	NA	12,238	21,066
Nevada	61,315	55,861	49,713	9,787	9,821	8,917
New Hampshire	NA	11,566	11,635	NA	1,252	1,752
New Jersey	342,640	328,602	351,061	29,465	34,945	52,628
New Mexico	59,858	58,327	54,107	7,994	6,605	8,960
New York	NA	655,632	571,310	NA	72,634	[R]94,352
North Carolina	120,084	110,584	104,644	12,065	13,737	18,980
North Dakota	19,391	17,891	17,443	1,281	2,170	3,212
Ohio	554,333	500,944	514,524	48,336	53,514	80,359
Oklahoma	240,570	237,135	235,614	36,086	33,704	34,237
Oregon	76,508	72,779	70,110	9,483	11,327	10,848
Pennsylvania	422,486	382,749	399,990	32,101	41,646	60,416
Rhode Island	45,259	35,697	37,946	5,299	6,195	6,613
South Carolina	76,952	79,782	74,527	9,440	10,674	12,986
South Dakota	20,873	17,962	17,141	1,502	1,933	2,979
Tennessee	NA	134,964	137,100	NA	NA	NA
Texas	1,850,486	1,619,787	1,672,849	308,435	325,826	285,510
Utah	69,759	71,591	60,867	5,645	6,991	10,583
Vermont	4,546	4,374	4,628	339	497	685
Virginia	132,022	126,406	127,388	11,138	13,490	17,760
Washington	122,005	114,672	106,863	12,989	16,063	18,424
West Virginia	69,718	62,856	65,316	5,728	7,197	10,433
Wisconsin	235,366	210,063	210,606	17,558	24,510	33,610
Wyoming	NA	38,674	42,833	NA	NA	NA
Total	11,028,858	10,477,995	10,388,152	1,310,062	1,428,480	[R]1,672,129

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		
	March	February	January	Total	December	November
Alabama	29,525	33,394	32,783	285,297	28,743	23,408
Alaska	14,222	14,699	12,796	135,036	13,413	11,143
Arizona	9,185	9,865	12,306	99,299	8,569	6,166
Arkansas	23,457	26,518	27,822	241,793	24,481	18,628
California	136,946	148,586	R164,192	1,839,782	163,197	146,451
Colorado	32,077	38,750	36,425	266,014	28,122	21,507
Connecticut	14,152	15,423	16,336	131,391	14,202	10,318
Delaware	5,467	5,148	6,652	57,322	5,097	4,789
District of Columbia	3,939	5,070	5,495	32,751	4,777	2,364
Florida	33,779	31,804	33,155	506,548	33,445	41,349
Georgia	41,789	40,573	R45,361	373,571	44,802	37,285
Hawaii	234	241	247	2,772	223	221
Idaho	6,417	7,357	7,440	57,523	6,191	5,316
Illinois	131,306	147,547	172,569	1,068,508	150,712	122,403
Indiana	63,398	68,722	77,856	532,031	67,874	53,188
Iowa	32,685	35,463	40,949	258,226	35,389	26,445
Kansas	31,197	35,535	41,343	300,149	36,012	23,195
Kentucky	24,512	R25,522	R31,255	198,168	27,692	22,321
Louisiana	109,440	114,645	104,854	1,429,003	107,644	109,716
Maine	652	693	743	5,340	709	600
Maryland	R22,465	24,437	27,741	190,948	23,435	16,869
Massachusetts	37,845	39,570	42,225	361,230	39,447	29,186
Michigan	122,725	131,357	137,928	928,194	125,325	89,510
Minnesota	42,599	R44,751	51,456	330,017	45,740	33,529
Mississippi	16,998	19,124	19,940	237,368	20,299	16,273
Missouri	45,801	57,233	61,695	303,670	70,488	23,488
Montana	5,934	7,380	7,365	50,996	6,374	5,422
Nebraska	23,289	27,775	28,522	154,198	23,892	18,971
Nevada	10,249	10,564	11,978	109,347	9,538	7,797
New Hampshire	2,350	2,595	2,701	19,848	2,326	1,626
New Jersey	65,392	76,136	84,074	592,988	75,834	50,617
New Mexico	9,838	11,052	15,409	105,270	11,489	9,213
New York	R112,834	121,666	130,765	1,181,739	127,858	101,044
North Carolina	21,737	25,785	27,780	199,699	22,478	17,334
North Dakota	3,768	4,598	4,362	32,435	4,029	6,016
Ohio	112,329	117,448	R142,347	875,161	121,643	90,706
Oklahoma	40,672	45,755	50,118	457,708	39,492	32,347
Oregon	13,314	15,651	15,885	141,269	13,661	15,053
Pennsylvania	83,563	91,191	113,570	672,702	87,946	70,726
Rhode Island	8,498	8,208	10,446	69,708	9,621	7,784
South Carolina	13,425	14,833	15,593	149,815	13,782	12,227
South Dakota	5,043	4,615	4,801	31,002	3,982	3,199
Tennessee	27,029	33,179	36,055	240,223	24,973	22,472
Texas	308,670	291,871	330,173	3,288,979	284,462	245,960
Utah	12,321	17,048	17,171	126,973	14,904	11,131
Vermont	962	1,015	1,049	7,323	1,072	660
Virginia	28,722	R29,482	R31,430	237,904	31,396	20,987
Washington	22,265	26,821	25,442	212,340	22,335	19,646
West Virginia	13,358	14,757	18,245	110,682	13,673	9,844
Wisconsin	49,087	51,627	58,974	381,417	53,734	42,380
Wyoming	NA	NA	NA	NA	NA	NA
Total	R2,034,135	R2,180,921	R2,403,132	19,698,583	2,155,867	1,726,922

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

State	1995					
	October	September	August	July	June	May
Alabama	20,012	19,147	22,601	21,407	19,975	20,317
Alaska	9,588	8,911	10,331	9,705	10,693	10,504
Arizona	5,151	7,211	9,903	8,456	6,331	7,036
Arkansas	16,588	17,240	21,067	18,677	17,268	17,781
California	138,268	151,361	157,295	145,911	124,562	141,140
Colorado	15,565	12,222	11,625	12,982	18,785	23,142
Connecticut	6,510	5,890	7,606	8,915	7,918	9,918
Delaware	4,213	4,087	4,908	5,321	3,684	3,840
District of Columbia	1,247	1,167	1,124	1,251	1,357	1,973
Florida	44,756	46,661	46,839	47,231	47,355	46,841
Georgia	26,179	20,594	27,468	25,437	22,331	23,898
Hawaii	223	224	221	234	238	234
Idaho	4,340	3,174	2,900	3,056	3,860	4,430
Illinois	65,302	44,177	47,446	43,688	44,013	54,777
Indiana	32,729	25,719	27,032	25,284	25,816	32,978
Iowa	18,258	13,144	13,069	12,354	12,454	17,070
Kansas	14,904	22,128	30,188	21,856	15,585	20,352
Kentucky	12,699	9,135	8,755	8,457	8,806	11,302
Louisiana	116,358	119,888	130,831	130,659	123,792	120,884
Maine	376	272	256	231	260	347
Maryland	10,150	9,686	13,973	12,372	9,855	11,185
Massachusetts	21,144	21,317	23,813	23,970	25,297	26,381
Michigan	54,270	41,237	42,011	38,970	44,247	60,847
Minnesota	21,560	14,537	14,437	13,892	14,273	18,689
Mississippi	12,956	16,609	24,666	22,912	20,897	19,741
Missouri	12,664	10,431	12,929	12,028	11,484	15,892
Montana	3,879	2,484	2,252	2,261	2,502	3,607
Nebraska	10,925	9,817	9,933	9,415	6,472	8,594
Nevada	7,414	8,775	10,224	9,738	8,062	8,866
New Hampshire	955	842	1,198	1,335	1,344	1,548
New Jersey	32,259	30,785	37,091	37,800	28,667	36,416
New Mexico	5,590	5,988	7,581	7,083	7,007	8,325
New York	70,686	67,168	78,416	80,935	75,371	82,608
North Carolina	12,858	11,795	13,221	11,428	12,019	12,682
North Dakota	1,521	996	936	1,046	1,273	1,902
Ohio	52,297	36,689	37,078	35,805	36,461	49,800
Oklahoma	29,588	32,013	46,415	40,718	36,225	34,608
Oregon	11,271	9,853	10,382	8,270	7,480	9,474
Pennsylvania	37,810	30,242	31,718	31,511	32,187	39,749
Rhode Island	3,683	4,867	4,985	3,070	2,992	5,064
South Carolina	11,100	11,093	11,747	10,082	11,397	10,926
South Dakota	1,929	1,164	1,451	1,313	1,460	1,993
Tennessee	14,775	14,432	15,517	13,090	13,714	12,622
Texas	256,769	265,219	301,369	315,414	268,310	292,720
Utah	10,034	7,427	6,594	5,292	6,258	8,946
Vermont	397	270	271	279	333	456
Virginia	13,494	13,376	18,096	14,148	12,133	15,261
Washington	15,998	15,332	13,453	10,905	11,752	13,806
West Virginia	7,509	5,862	5,678	5,261	5,623	7,378
Wisconsin	23,819	16,547	18,713	16,161	15,861	20,821
Wyoming	NA	NA	4,560	4,690	5,211	5,790
Total	1,328,895	1,254,424	1,402,173	1,352,308	1,251,249	1,415,464

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	
	April	March	February	January	Total	December
Alabama	21,819	28,740	29,728	29,400	260,830	24,648
Alaska	11,976	13,831	11,776	13,166	126,045	13,758
Arizona	8,304	9,150	10,649	12,373	108,517	11,465
Arkansas	18,199	23,277	23,149	25,437	227,835	20,602
California	154,392	159,149	151,811	206,246	2,041,539	202,754
Colorado	24,993	29,302	32,379	35,392	241,416	31,223
Connecticut	12,224	16,093	16,080	15,719	119,334	12,435
Delaware	5,048	5,920	5,271	5,143	48,632	4,772
District of Columbia	2,909	4,331	5,464	4,787	30,607	3,404
Florida	46,008	43,555	30,439	32,068	361,428	31,740
Georgia	27,938	32,590	40,440	44,609	334,418	38,032
Hawaii	232	237	232	253	2,778	235
Idaho	5,070	5,699	6,017	7,469	52,164	6,958
Illinois	85,625	111,124	140,512	158,729	1,010,989	127,594
Indiana	42,964	55,584	66,871	75,990	512,482	55,676
Iowa	22,922	25,359	28,651	33,112	237,614	27,800
Kansas	21,908	27,782	28,219	38,020	341,677	35,470
Kentucky	13,399	20,635	26,541	28,427	182,710	21,921
Louisiana	117,117	115,564	110,993	125,556	1,353,337	113,561
Maine	474	550	649	616	5,045	581
Maryland	14,723	19,799	25,770	23,131	181,259	19,825
Massachusetts	34,754	39,216	39,647	37,058	335,544	29,951
Michigan	86,826	106,749	119,927	118,275	893,735	99,881
Minnesota	28,046	35,279	42,693	47,342	306,505	39,415
Mississippi	15,706	21,223	22,263	23,822	225,730	21,911
Missouri	20,327	31,314	40,417	42,207	264,715	31,144
Montana	4,569	5,722	5,235	6,689	46,274	6,621
Nebraska	10,579	13,577	15,076	16,946	123,373	14,251
Nevada	8,107	9,241	10,500	11,085	101,105	10,245
New Hampshire	1,824	2,222	2,304	2,324	18,732	1,834
New Jersey	49,894	65,396	76,069	72,159	582,356	61,624
New Mexico	8,890	9,084	10,463	14,558	106,849	12,379
New York	103,047	130,828	133,480	130,297	1,005,676	106,353
North Carolina	15,631	21,119	24,478	24,656	182,107	19,158
North Dakota	2,884	3,621	3,982	4,229	27,301	3,194
Ohio	72,866	96,806	122,628	122,384	824,119	95,237
Oklahoma	35,219	42,456	39,608	49,018	454,889	41,320
Oregon	11,232	13,542	13,430	17,622	140,526	17,468
Pennsylvania	57,649	75,947	90,188	87,028	656,021	71,392
Rhode Island	6,139	7,126	7,259	7,117	70,901	6,818
South Carolina	11,673	16,474	14,757	14,555	141,863	14,108
South Dakota	2,875	3,450	3,978	4,205	28,002	3,878
Tennessee	19,487	25,394	31,679	32,068	228,007	24,704
Texas	267,068	287,269	237,775	266,645	3,272,393	250,712
Utah	11,175	12,716	14,074	18,422	120,993	17,842
Vermont	744	896	971	974	7,297	814
Virginia	17,540	23,234	29,009	29,229	223,122	23,517
Washington	18,448	21,808	21,853	27,005	206,346	26,377
West Virginia	9,304	11,907	14,654	13,990	107,197	11,536
Wisconsin	32,416	40,189	49,001	51,775	345,748	40,374
Wyoming	6,364	6,321	6,737	8,251	81,507	8,725
Total	1,629,529	1,928,397	2,035,777	2,217,579	18,909,587	1,917,237

R = Revised Data.
NA = Not Available.

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

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

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

(Dollars per Thousand Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996				
				June	May	April	March	February
Alabama	3.28	2.74	3.46	3.78	3.52	3.27	3.15	3.35
Alaska	1.58	1.69	1.64	1.57	1.56	1.58	1.60	1.60
Arizona	2.19	2.09	2.73	2.57	2.46	2.05	1.97	2.36
Arkansas	2.55	2.35	2.72	2.81	2.59	2.50	2.57	2.52
California	2.31	1.97	2.77	2.56	2.08	2.22	2.42	2.25
Colorado	NA	2.69	3.49	2.40	2.50	NA	2.16	2.18
Connecticut	5.18	4.77	3.74	5.03	4.94	5.22	4.66	5.37
Delaware	3.46	2.81	3.12	3.44	3.03	3.75	3.80	3.36
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.69	2.59	3.05	3.31	3.39	3.98	3.83	3.60
Georgia	3.60	2.97	3.63	3.67	3.78	3.51	3.86	3.36
Hawaii	5.81	5.05	4.57	6.27	6.32	5.74	5.53	5.49
Idaho	2.15	2.21	2.51	3.39	2.28	2.21	2.12	2.08
Illinois	3.16	2.50	3.24	3.12	2.83	2.93	3.49	3.75
Indiana	NA	2.77	3.09	3.10	2.56	NA	3.27	3.32
Iowa	3.20	2.75	3.27	4.61	4.19	3.13	2.82	3.37
Kansas	2.94	2.24	2.88	3.80	3.41	3.45	2.72	2.74
Kentucky	3.17	2.90	3.33	3.08	3.83	3.50	2.92	3.06
Louisiana	3.15	2.12	2.82	2.71	2.65	3.06	3.27	3.24
Maine	NA	3.27	3.56	NA	5.32	5.34	4.01	3.89
Maryland	NA	2.78	3.44	NA	NA	4.01	3.70	3.23
Massachusetts	3.69	3.32	4.03	6.99	4.46	3.97	3.32	3.17
Michigan	2.89	2.63	2.72	2.64	2.69	2.80	3.11	2.91
Minnesota	2.82	2.43	2.88	2.88	2.81	2.75	2.81	2.61
Mississippi	NA	2.36	2.95	NA	2.69	3.75	3.37	3.07
Missouri	2.84	2.58	3.06	4.50	3.45	3.21	2.61	2.71
Montana	2.84	3.24	3.61	3.05	2.81	3.18	2.52	2.98
Nebraska	2.78	2.38	3.06	3.50	3.41	3.04	2.71	2.45
Nevada	2.85	2.79	3.40	3.37	3.68	3.32	2.64	2.75
New Hampshire	NA	3.32	3.76	NA	4.09	4.09	4.06	3.99
New Jersey	3.74	3.19	3.50	3.82	4.61	3.75	3.15	3.49
New Mexico	1.45	1.47	2.15	1.40	1.22	1.18	1.40	1.69
New York	NA	2.41	3.19	3.17	NA	3.40	3.03	3.19
North Carolina	3.68	2.89	3.41	3.75	3.69	3.92	3.60	3.66
North Dakota	2.72	2.72	3.28	2.78	2.64	2.62	2.45	2.82
Ohio	4.13	3.96	3.50	8.94	4.87	4.06	3.90	4.08
Oklahoma	2.54	2.68	2.62	2.40	2.61	2.53	2.58	2.60
Oregon	2.20	2.49	2.77	2.11	2.42	2.27	2.19	1.96
Pennsylvania	3.68	3.09	3.50	4.96	3.94	4.69	3.62	3.29
Rhode Island	3.08	3.20	4.15	0.53	5.06	3.53	3.85	3.92
South Carolina	3.91	3.20	3.77	3.56	3.96	3.96	3.94	3.85
South Dakota	2.86	2.87	3.37	3.96	2.92	2.63	2.84	2.98
Tennessee	NA	2.57	2.62	NA	NA	NA	3.56	3.15
Texas	3.15	3.07	3.10	3.01	2.91	3.22	3.08	3.16
Utah	2.16	3.27	3.08	2.12	1.93	1.98	2.34	2.10
Vermont	2.89	2.62	3.17	3.01	2.66	3.10	2.83	2.82
Virginia	3.66	2.95	3.53	4.64	3.94	3.38	3.61	3.36
Washington	NA	2.29	2.43	3.39	NA	2.23	1.99	2.12
West Virginia	3.36	2.76	3.37	3.28	3.89	3.26	3.24	3.48
Wisconsin	3.06	2.76	3.40	4.81	3.42	3.48	2.88	2.78
Wyoming	NA	2.78	3.23	NA	NA	NA	NA	NA
Total	NA	2.76	3.18	3.32	3.21	3.25	3.16	3.17

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						
	January	Total	December	November	October	September	August	July
Alabama	3.12	2.89	2.83	2.84	3.52	3.50	3.20	3.83
Alaska	1.56	1.67	1.67	1.66	1.63	1.62	1.57	1.63
Arizona	2.08	2.10	1.86	2.19	2.24	2.44	2.36	2.20
Arkansas	2.51	2.31	2.45	2.28	2.19	2.01	1.91	2.33
California	2.29	2.03	1.90	2.15	2.15	2.06	2.26	2.19
Colorado	2.08	NA	2.60	2.56	2.41	NA	NA	NA
Connecticut	5.55	4.78	5.45	4.13	4.27	4.80	5.30	5.54
Delaware	3.29	2.70	3.01	2.89	2.81	2.85	2.48	1.73
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.84	2.72	3.32	3.05	2.75	2.75	2.47	2.50
Georgia	3.70	2.96	2.95	2.82	3.02	3.48	2.78	2.82
Hawaii	5.60	5.20	4.65	5.43	5.90	5.78	4.25	6.12
Idaho	1.98	2.18	1.98	2.14	1.83	2.79	2.72	2.89
Illinois	2.66	2.59	2.53	2.32	2.94	3.58	3.02	3.45
Indiana	3.11	2.84	2.82	2.67	2.96	3.57	3.18	3.26
Iowa	2.90	2.82	2.73	2.63	2.84	3.41	3.48	3.55
Kansas	2.73	2.38	2.52	2.51	2.85	2.80	2.52	2.19
Kentucky	3.19	2.79	2.84	2.45	2.61	2.51	2.80	2.92
Louisiana	3.58	2.21	2.78	2.44	2.23	2.05	1.90	2.00
Maine	3.95	3.35	3.08	3.03	2.72	3.54	5.13	5.99
Maryland	3.82	2.87	2.68	2.71	3.44	3.95	3.25	3.34
Massachusetts	3.48	3.52	3.35	3.13	4.11	4.76	4.57	4.64
Michigan	3.14	2.60	2.81	2.56	2.54	2.59	2.50	2.41
Minnesota	2.91	2.51	2.65	2.50	2.43	2.63	2.84	2.79
Mississippi	3.49	2.53	3.23	2.71	2.77	2.43	2.21	2.34
Missouri	2.52	2.74	2.53	2.54	3.18	3.85	3.97	4.06
Montana	2.83	3.01	2.72	2.65	2.68	3.01	2.06	2.92
Nebraska	2.67	2.49	2.34	2.43	2.80	2.97	3.11	3.42
Nevada	2.51	2.77	2.48	2.62	2.64	3.23	3.06	3.46
New Hampshire	4.14	NA	NA	3.44	2.89	3.33	3.70	4.56
New Jersey	4.09	3.36	3.47	3.52	3.74	3.40	3.72	4.02
New Mexico	1.53	1.46	1.44	1.58	1.42	1.40	1.11	1.50
New York	3.48	2.47	2.98	2.61	2.53	2.32	2.12	2.20
North Carolina	3.62	2.96	2.95	2.77	2.98	3.64	3.24	3.48
North Dakota	2.94	NA	2.55	2.25	NA	2.49	1.95	2.25
Ohio	3.82	3.84	3.50	3.34	4.01	3.85	4.87	4.63
Oklahoma	2.46	2.53	2.27	2.24	1.97	1.93	2.39	2.33
Oregon	3.25	2.44	1.71	2.89	2.41	2.96	2.82	3.16
Pennsylvania	3.27	3.09	2.96	2.63	3.22	3.34	3.89	4.04
Rhode Island	3.84	3.56	3.34	3.13	4.54	5.28	5.85	6.46
South Carolina	4.02	3.26	3.27	3.16	3.04	3.63	3.43	3.71
South Dakota	2.69	2.91	2.68	2.62	3.07	3.51	3.93	3.86
Tennessee	3.36	2.75	3.90	2.65	2.69	2.69	2.58	3.06
Texas	3.31	3.00	3.20	3.06	2.79	2.77	2.65	2.67
Utah	2.27	2.88	2.43	2.46	2.18	3.16	2.40	2.56
Vermont	2.93	2.61	2.38	2.19	2.89	3.16	3.04	3.20
Virginia	3.89	2.92	3.10	2.60	3.40	2.22	3.17	3.00
Washington	1.98	2.18	2.06	2.14	2.02	2.06	1.98	1.79
West Virginia	3.16	2.85	3.04	2.26	3.48	3.46	3.13	3.40
Wisconsin	2.87	2.83	2.75	2.48	3.01	3.37	3.71	3.81
Wyoming	NA	NA	NA	NA	NA	NA	2.38	2.24
Total	3.11	2.78	2.84	2.67	2.84	2.83	2.81	2.83

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	
	June	May	April	March	February	January	Total	December
Alabama	3.58	3.34	2.90	2.45	2.60	2.59	3.44	2.87
Alaska	1.60	1.70	1.79	1.66	1.67	1.71	1.62	1.62
Arizona	2.17	2.00	1.78	1.83	2.41	2.21	2.53	2.34
Arkansas	2.25	2.36	2.41	2.29	2.34	2.39	2.54	2.30
California	1.85	2.03	2.12	1.90	1.96	1.95	2.57	2.39
Colorado	2.96	2.41	3.04	2.56	2.70	2.63	3.31	2.98
Connecticut	5.11	5.28	4.74	4.88	4.73	4.42	4.17	4.63
Delaware	3.38	3.20	3.11	2.47	2.45	2.69	2.95	2.75
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.75	2.53	2.92	2.71	2.39	2.42	2.78	2.54
Georgia	3.15	3.16	2.85	3.44	2.54	3.01	3.54	3.31
Hawaii	5.98	4.38	4.52	5.42	5.14	4.85	4.94	5.52
Idaho	2.43	2.28	2.21	2.23	2.29	2.06	2.46	2.22
Illinois	3.14	3.16	2.40	2.33	2.28	2.47	3.02	2.82
Indiana	3.63	3.11	2.81	2.95	2.35	2.63	2.98	3.05
Iowa	3.39	3.10	2.97	2.78	2.44	2.63	3.15	2.86
Kansas	3.09	2.25	2.18	2.06	2.18	2.17	2.86	2.50
Kentucky	3.18	3.32	3.14	2.95	2.72	2.80	3.13	2.99
Louisiana	2.04	2.10	2.12	2.14	2.05	2.23	2.54	2.35
Maine	5.81	2.72	3.41	2.43	3.50	3.21	2.98	3.51
Maryland	3.88	3.51	2.82	2.68	2.47	2.65	3.38	2.78
Massachusetts	4.58	4.71	3.22	2.98	3.02	2.93	3.98	3.14
Michigan	2.43	2.49	2.46	2.92	2.83	2.81	2.70	2.93
Minnesota	2.91	2.56	2.16	2.49	2.38	2.43	2.85	2.78
Mississippi	2.50	2.46	2.39	2.37	2.24	2.35	2.83	2.54
Missouri	3.99	3.08	2.83	2.48	2.28	2.38	3.05	2.43
Montana	3.38	2.99	2.94	3.10	3.31	3.51	3.49	3.34
Nebraska	2.69	2.68	2.18	2.47	2.20	2.38	2.98	2.38
Nevada	2.92	2.86	2.35	2.62	3.15	2.80	3.18	2.85
New Hampshire	4.40	2.93	2.81	3.19	3.44	3.49	3.49	3.54
New Jersey	3.60	3.21	3.25	3.11	3.09	3.12	3.30	2.78
New Mexico	1.33	1.34	1.53	1.50	1.14	1.82	2.02	2.03
New York	2.40	2.42	2.30	2.31	2.44	2.55	3.02	2.63
North Carolina	3.15	3.06	3.06	2.79	2.77	2.85	3.27	2.82
North Dakota	2.45	2.45	2.43	2.66	2.78	3.11	3.15	2.67
Ohio	4.19	4.12	3.95	3.91	3.76	4.11	3.48	3.48
Oklahoma	2.35	2.46	2.57	2.72	2.72	2.84	2.46	2.67
Oregon	2.69	2.77	2.38	2.41	2.55	2.40	2.73	2.49
Pennsylvania	3.73	3.21	2.94	2.89	2.91	3.36	3.46	3.19
Rhode Island	5.53	4.20	3.25	2.76	2.71	3.07	4.17	3.16
South Carolina	3.74	3.47	3.04	3.07	3.17	3.08	3.67	3.31
South Dakota	3.84	2.99	2.64	2.80	2.80	2.82	3.35	2.91
Tennessee	3.21	2.65	2.66	2.33	2.66	2.43	2.71	2.52
Texas	2.90	2.73	2.94	3.24	3.16	3.13	3.00	3.20
Utah	3.41	2.55	2.48	3.33	4.06	3.46	3.31	3.66
Vermont	3.37	3.56	2.68	2.35	2.40	2.45	3.11	2.39
Virginia	3.46	3.36	2.78	2.81	2.88	2.97	3.44	3.15
Washington	1.93	1.92	2.21	2.44	2.46	2.40	2.54	2.64
West Virginia	2.83	2.99	2.63	2.87	2.59	2.83	3.26	3.05
Wisconsin	4.15	2.80	2.64	2.75	2.61	2.63	3.42	2.80
Wyoming	2.64	2.80	2.63	2.84	2.75	2.88	2.91	2.99
Total	2.90	2.80	2.70	2.74	2.71	2.79	3.07	2.86

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				
				June	May	April	March	February
Alabama	6.69	6.62	6.96	10.53	8.00	6.87	6.82	6.33
Alaska	3.38	3.58	3.56	3.71	3.53	3.40	3.34	3.30
Arizona	7.16	7.57	7.11	9.32	8.67	7.57	6.97	6.80
Arkansas	5.49	5.28	5.47	7.84	6.72	5.44	5.40	5.25
California	6.38	6.73	6.25	6.98	6.38	6.17	6.20	6.32
Colorado	NA	4.63	4.75	5.10	4.42	R4.20	4.10	4.02
Connecticut	9.90	9.86	9.79	9.94	9.62	10.06	9.80	9.85
Delaware	6.59	6.86	7.16	8.86	7.63	6.70	6.38	6.25
District of Columbia	8.62	8.14	8.27	9.02	9.83	10.18	8.96	8.42
Florida	10.62	9.53	9.43	13.63	12.55	10.86	10.55	9.93
Georgia	6.65	6.74	7.11	11.23	10.17	7.31	5.45	5.97
Hawaii	19.34	17.10	16.23	20.22	20.54	19.29	19.21	18.82
Idaho	5.12	5.57	5.27	5.70	5.38	5.28	5.06	4.98
Illinois	4.97	4.67	5.57	8.20	6.76	5.51	4.91	4.55
Indiana	NA	5.50	6.27	7.83	6.52	NA	5.05	4.85
Iowa	5.12	4.87	5.32	7.96	6.26	5.96	4.82	4.86
Kansas	5.40	4.57	5.29	7.69	6.74	5.78	5.34	5.17
Kentucky	5.10	5.03	5.26	7.53	7.24	5.13	5.11	R4.71
Louisiana	6.18	5.50	5.96	8.52	8.18	7.00	5.66	5.14
Maine	NA	7.33	7.83	NA	8.27	8.27	7.88	7.78
Maryland	NA	6.39	6.86	NA	NA	7.19	6.99	6.83
Massachusetts	8.79	9.01	8.79	7.82	6.95	9.42	9.02	9.01
Michigan	4.63	4.52	4.84	6.45	5.12	4.72	4.37	4.53
Minnesota	5.11	4.65	5.13	6.69	5.76	5.35	4.95	R4.87
Mississippi	NA	4.86	5.39	NA	5.97	R5.47	5.37	4.75
Missouri	5.55	4.70	5.32	8.33	6.83	5.71	5.46	5.30
Montana	4.71	5.10	5.08	5.32	4.94	4.71	4.65	4.59
Nebraska	4.99	4.65	4.96	6.36	5.65	5.12	4.94	4.73
Nevada	5.98	6.56	6.42	7.04	6.68	6.22	5.86	5.76
New Hampshire	NA	6.95	7.87	NA	6.29	5.89	7.31	7.19
New Jersey	NA	6.93	6.96	8.81	7.16	NA	7.12	7.06
New Mexico	4.24	5.28	6.34	4.21	11.39	4.60	4.52	4.16
New York	NA	7.98	8.33	9.83	NA	8.22	NA	8.01
North Carolina	7.06	6.77	6.93	11.45	9.04	7.30	7.52	6.81
North Dakota	4.38	4.49	5.15	5.78	4.46	4.43	4.31	4.20
Ohio	5.38	5.46	5.67	6.98	6.31	5.37	5.33	5.40
Oklahoma	5.16	5.33	5.14	8.43	6.88	5.21	5.09	4.76
Oregon	6.14	6.60	6.95	6.93	6.49	6.34	6.17	5.67
Pennsylvania	6.94	7.34	7.16	9.08	8.21	7.38	6.73	6.69
Rhode Island	7.91	5.38	8.89	9.82	8.39	7.92	8.06	7.88
South Carolina	7.32	8.00	7.39	9.00	8.12	6.97	7.68	7.32
South Dakota	4.81	4.84	5.29	6.65	5.65	5.21	4.36	4.67
Tennessee	NA	5.61	6.02	NA	NA	NA	6.30	6.04
Texas	5.52	5.80	5.69	7.21	6.88	6.10	5.41	5.16
Utah	4.39	4.74	5.17	5.40	4.59	3.90	4.94	3.97
Vermont	6.18	6.69	6.71	7.49	6.59	6.24	6.09	6.02
Virginia	7.30	7.36	7.26	10.70	8.74	7.53	6.89	7.23
Washington	NA	5.81	5.51	6.06	NA	5.59	5.44	5.38
West Virginia	6.99	6.98	6.28	9.21	7.55	6.94	6.74	6.69
Wisconsin	5.82	5.86	6.43	5.81	5.56	5.90	5.87	5.75
Wyoming	NA	4.91	5.00	NA	NA	NA	NA	NA
Total	5.99	5.98	6.27	R7.72	6.77	6.24	5.87	R5.78

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						
	January	Total	December	November	October	September	August	July
Alabama	5.97	6.74	5.78	6.39	8.74	9.28	9.21	8.94
Alaska	3.32	3.63	3.51	3.60	3.76	3.96	4.14	4.02
Arizona	6.60	7.88	7.09	8.24	9.40	10.12	10.59	9.79
Arkansas	5.23	5.49	4.35	5.51	6.82	7.33	7.82	7.48
California	6.46	6.64	6.16	5.34	7.08	7.23	7.13	7.22
Colorado	4.02	4.74	4.25	4.48	5.09	6.56	6.65	5.90
Connecticut	10.00	9.89	8.92	9.88	10.97	11.09	11.25	11.03
Delaware	6.32	7.08	6.52	7.47	8.85	9.58	9.49	9.25
District of Columbia	7.37	8.01	7.24	7.72	9.59	10.15	7.46	7.20
Florida	9.61	10.16	9.44	10.89	12.49	11.93	12.56	12.22
Georgia	5.28	6.39	5.19	4.98	6.95	8.19	8.96	8.80
Hawaii	18.20	17.56	18.82	17.94	17.91	17.86	17.93	18.06
Idaho	4.97	5.60	5.31	5.48	5.79	6.44	6.71	6.48
Illinois	4.24	4.62	4.14	4.07	4.79	6.02	6.91	6.00
Indiana	4.68	5.38	4.56	4.68	5.68	7.29	7.91	7.65
Iowa	4.50	5.04	4.78	4.47	5.40	7.29	8.65	8.51
Kansas	4.99	4.90	5.03	5.21	5.77	6.66	6.73	6.24
Kentucky	[R]4.82	5.00	4.32	4.24	5.90	7.73	8.25	7.90
Louisiana	6.10	5.92	5.87	6.27	7.60	7.62	7.53	7.80
Maine	7.02	7.31	7.01	7.17	7.17	7.78	8.37	8.23
Maryland	6.47	6.63	6.20	6.51	7.73	8.65	9.24	9.18
Massachusetts	8.83	9.04	8.86	9.50	8.24	9.33	9.85	9.33
Michigan	4.45	4.68	4.45	4.60	5.18	6.17	7.01	6.63
Minnesota	4.93	4.79	4.81	4.81	5.27	6.06	6.56	4.53
Mississippi	5.26	5.01	4.88	5.19	6.10	6.40	5.95	5.99
Missouri	5.11	NA	NA	5.41	6.67	8.16	8.97	8.14
Montana	4.66	5.17	4.82	4.95	5.50	6.15	6.59	6.06
Nebraska	4.78	4.86	4.76	4.98	5.87	6.39	6.62	6.38
Nevada	5.64	6.76	5.97	6.92	8.05	8.53	8.57	8.06
New Hampshire	7.03	7.16	7.18	7.77	7.24	7.96	8.73	8.16
New Jersey	7.01	7.21	7.03	7.21	8.53	9.72	9.43	9.16
New Mexico	3.42	5.08	3.58	3.89	5.55	7.32	7.49	8.70
New York	7.93	8.41	7.72	9.17	10.78	11.74	11.92	11.57
North Carolina	6.14	6.94	6.23	6.52	8.96	10.69	11.64	10.57
North Dakota	4.28	4.64	4.31	4.53	NA	6.73	7.59	6.97
Ohio	[R]4.92	5.48	4.95	5.03	6.12	7.17	7.66	7.43
Oklahoma	4.74	5.67	5.04	5.96	7.46	8.64	8.97	8.36
Oregon	6.10	6.81	6.32	7.45	7.63	8.37	8.57	8.11
Pennsylvania	6.43	7.33	6.40	6.64	8.13	10.13	10.58	10.16
Rhode Island	7.24	6.40	7.47	8.24	8.91	9.90	10.09	10.56
South Carolina	7.02	7.86	7.04	7.12	8.61	9.36	9.87	9.36
South Dakota	4.43	5.06	4.86	5.07	5.05	7.10	8.58	7.63
Tennessee	5.45	5.72	6.19	4.44	6.97	8.09	7.85	7.58
Texas	5.05	5.97	5.32	5.80	6.95	7.63	7.89	7.39
Utah	4.51	4.74	4.72	4.99	4.09	4.68	5.28	5.36
Vermont	5.98	6.83	6.09	6.88	7.92	9.03	9.81	9.35
Virginia	6.82	7.37	6.61	5.71	9.60	11.13	11.21	11.08
Washington	5.41	5.91	5.56	5.69	6.83	7.02	7.24	7.06
West Virginia	7.26	7.13	6.78	7.03	7.89	9.23	10.14	10.07
Wisconsin	5.90	5.84	5.90	5.79	5.16	5.80	6.38	6.41
Wyoming	NA	NA	NA	NA	NA	NA	5.58	5.43
Total	5.60	6.06	5.58	5.59	6.61	7.72	8.12	7.80

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	
	June	May	April	March	February	January	Total	December
Alabama	8.69	8.05	7.57	6.10	6.14	6.44	7.41	7.40
Alaska	3.87	3.72	3.57	3.53	3.53	3.54	3.60	3.48
Arizona	9.19	8.36	7.87	7.67	7.23	7.05	7.54	7.08
Arkansas	7.03	6.30	5.56	5.06	4.90	5.13	5.71	5.34
California	7.39	6.84	6.47	6.53	6.65	6.78	6.39	6.63
Colorado	5.07	4.81	4.74	4.56	4.52	4.47	4.92	4.58
Connecticut	10.56	10.20	9.73	9.73	9.73	9.91	10.14	10.12
Delaware	8.66	7.54	6.99	6.62	6.59	6.74	7.43	7.28
District of Columbia	7.03	9.55	9.16	8.03	7.83	7.80	8.29	7.92
Florida	12.10	11.61	10.57	9.32	8.41	8.74	9.98	9.62
Georgia	8.60	7.77	7.62	7.34	5.94	6.41	7.32	6.92
Hawaii	17.46	17.41	17.32	16.99	16.71	16.78	16.83	17.33
Idaho	6.22	5.27	5.78	5.64	5.56	5.40	5.29	4.96
Illinois	6.51	5.67	4.56	4.40	4.60	4.49	5.50	4.80
Indiana	7.39	6.48	5.64	5.24	5.40	5.22	6.24	5.47
Iowa	8.80	5.90	4.90	4.78	4.58	4.41	5.40	4.71
Kansas	5.93	5.16	4.73	4.31	4.37	4.47	5.11	4.51
Kentucky	8.21	6.02	5.82	4.68	4.65	4.85	5.46	5.14
Louisiana	6.98	6.92	5.89	5.31	4.98	5.26	6.24	5.65
Maine	7.75	6.60	7.70	7.43	7.23	7.28	7.83	7.36
Maryland	8.74	7.24	6.49	6.10	6.12	6.19	6.95	6.26
Massachusetts	8.31	7.20	9.53	9.30	9.08	9.18	8.94	9.31
Michigan	5.98	5.01	4.49	4.39	4.35	4.38	4.98	4.64
Minnesota	5.99	5.10	4.45	4.47	4.48	4.69	5.18	4.84
Mississippi	6.04	5.95	5.36	4.67	4.50	4.71	5.46	5.17
Missouri	7.28	5.25	4.96	4.37	4.42	4.53	5.43	4.49
Montana	5.61	5.30	5.16	5.06	5.03	4.95	5.23	4.95
Nebraska	5.97	5.12	4.73	4.45	4.45	4.51	5.01	4.57
Nevada	7.46	6.89	6.60	6.64	6.38	6.24	6.66	6.25
New Hampshire	7.27	6.12	5.65	7.38	7.33	7.31	7.96	7.62
New Jersey	8.81	7.56	6.92	6.67	6.52	7.06	7.11	6.79
New Mexico	5.81	6.18	5.49	5.66	5.00	4.79	5.61	4.40
New York	10.14	8.65	7.83	7.61	7.61	8.05	8.75	8.64
North Carolina	9.92	8.02	7.14	6.67	6.15	6.71	7.30	7.47
North Dakota	5.89	5.05	4.45	4.31	4.29	4.33	5.19	4.48
Ohio	7.00	5.72	5.41	5.26	5.10	5.70	5.88	5.89
Oklahoma	7.59	6.24	5.83	5.09	4.98	4.95	5.50	5.36
Oregon	7.66	6.40	6.75	6.59	6.56	6.40	6.99	6.56
Pennsylvania	9.37	7.99	7.26	7.02	7.19	7.28	7.44	7.29
Rhode Island	7.89	7.83	7.45	5.17	4.09	3.77	9.12	8.73
South Carolina	9.10	8.20	8.30	7.91	7.79	8.04	7.65	8.05
South Dakota	6.97	5.50	4.75	4.71	4.64	4.50	5.27	4.56
Tennessee	7.17	6.32	6.16	5.48	5.28	5.57	6.13	5.76
Texas	7.30	6.74	6.19	5.77	5.47	5.36	5.99	5.51
Utah	4.96	4.52	4.25	4.94	4.90	4.78	4.96	4.54
Vermont	8.12	7.25	6.67	6.54	6.49	6.51	6.94	6.70
Virginia	10.85	8.68	7.53	6.83	7.10	7.18	7.63	7.26
Washington	6.54	6.17	5.87	5.74	5.71	5.63	5.70	5.65
West Virginia	9.43	7.62	7.09	6.85	6.74	6.79	6.66	6.90
Wisconsin	6.01	5.75	5.83	5.83	5.84	5.93	6.28	5.96
Wyoming	5.22	4.98	4.93	4.85	4.77	4.89	5.10	4.77
Total	7.48	6.53	6.04	5.82	5.74	5.83	6.41	6.06

R = Revised Data.
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				
				June	May	April	March	February
Alabama	5.96	5.74	6.30	6.98	6.09	6.07	6.20	5.77
Alaska	2.32	2.50	2.52	2.19	2.24	2.37	2.34	2.35
Arizona	4.94	5.38	5.18	4.96	4.92	4.97	4.94	4.95
Arkansas	4.44	4.03	4.62	5.11	4.84	4.47	4.34	4.37
California	6.25	6.38	7.88	5.48	5.61	6.05	6.68	6.26
Colorado	NA	4.17	4.31	3.69	3.54	NA	3.73	3.59
Connecticut	7.64	7.30	7.45	6.45	7.25	7.72	7.69	8.29
Delaware	5.52	5.67	6.13	6.77	6.00	5.48	5.60	5.30
District of Columbia	7.14	6.08	6.42	—	6.04	6.63	8.41	7.83
Florida	6.49	5.13	5.64	6.54	6.63	6.61	6.68	6.39
Georgia	5.68	5.68	6.30	6.96	6.94	5.89	5.34	5.61
Hawaii	13.86	12.78	12.33	14.76	14.53	13.69	13.95	13.50
Idaho	4.52	4.85	5.04	4.77	4.77	4.66	4.42	4.41
Illinois	4.62	4.48	5.24	6.66	6.18	4.99	4.74	4.30
Indiana	NA	4.56	5.51	5.69	5.27	NA	4.34	4.18
Iowa	4.12	4.04	4.60	5.16	4.48	R3.87	4.13	4.07
Kansas	NA	4.09	4.55	4.57	4.75	4.46	NA	4.50
Kentucky	4.65	4.73	4.92	5.57	5.72	4.87	4.54	4.49
Louisiana	5.86	4.90	5.46	6.09	6.53	6.39	5.45	5.10
Maine	NA	6.63	7.12	NA	7.22	7.22	7.32	7.32
Maryland	NA	4.98	5.69	NA	NA	5.54	5.97	6.03
Massachusetts	6.97	6.99	7.40	4.87	4.89	7.35	7.39	7.50
Michigan	4.52	4.35	4.62	5.52	4.72	4.51	4.46	4.48
Minnesota	4.41	3.96	4.51	4.67	4.52	4.42	4.37	R4.37
Mississippi	NA	4.10	4.75	NA	12.59	NA	4.73	4.42
Missouri	5.15	4.20	4.99	5.60	5.37	5.13	5.26	5.16
Montana	4.63	4.94	4.85	4.83	4.74	4.60	4.61	4.58
Nebraska	NA	4.08	4.47	NA	NA	NA	NA	NA
Nevada	4.86	5.40	5.24	4.92	4.93	4.90	4.86	4.84
New Hampshire	NA	6.47	7.34	NA	5.76	5.79	7.00	6.94
New Jersey	7.45	5.62	6.06	5.24	5.59	6.19	6.73	6.67
New Mexico	3.17	3.96	5.09	2.60	3.93	3.19	3.25	3.40
New York	NA	NA	6.78	NA	NA	NA	NA	NA
North Carolina	5.90	5.32	5.59	5.65	6.22	5.86	6.34	6.10
North Dakota	3.88	3.87	4.61	4.49	3.88	3.89	3.78	3.87
Ohio	5.00	5.01	5.31	5.92	5.60	5.00	5.02	5.07
Oklahoma	4.52	4.62	4.70	4.95	4.93	4.25	4.60	4.46
Oregon	4.87	5.21	5.52	4.85	4.82	4.94	4.83	4.82
Pennsylvania	6.18	6.52	6.47	6.91	6.62	6.62	6.07	6.07
Rhode Island	6.95	5.04	8.01	7.53	7.12	6.07	7.29	7.26
South Carolina	6.15	6.46	6.14	5.41	5.38	6.05	6.49	6.57
South Dakota	3.96	3.85	4.44	5.55	4.72	4.36	3.47	4.04
Tennessee	NA	5.00	5.66	NA	NA	NA	5.80	5.81
Texas	4.33	4.35	4.41	4.13	4.19	4.19	4.41	4.37
Utah	3.30	3.61	3.96	3.34	3.01	2.86	3.69	3.06
Vermont	5.26	5.52	5.77	5.55	5.37	5.23	5.18	5.23
Virginia	5.57	5.23	5.73	6.20	5.12	5.58	5.42	5.86
Washington	NA	5.05	4.82	4.75	4.75	4.78	4.74	R4.74
West Virginia	6.27	5.97	5.64	8.05	6.81	6.32	6.09	6.02
Wisconsin	4.69	4.58	5.14	4.25	4.12	5.05	4.73	4.65
Wyoming	NA	4.42	4.45	NA	NA	NA	NA	NA
Total	5.25	5.10	5.56	R5.43	5.33	R5.26	5.24	R5.19

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						
	January	Total	December	November	October	September	August	July
Alabama	5.62	5.67	5.36	5.41	5.77	5.80	5.83	5.77
Alaska	2.33	2.44	2.52	2.40	2.24	2.29	2.19	2.25
Arizona	4.90	5.27	4.92	5.11	5.10	5.05	5.24	5.27
Arkansas	4.31	4.06	3.84	4.22	4.26	4.19	4.13	4.12
California	[R]6.82	6.36	7.00	6.28	5.96	6.10	6.15	6.08
Colorado	3.61	4.12	3.68	3.77	4.27	4.63	4.57	4.44
Connecticut	7.37	7.16	7.97	7.14	6.08	6.16	5.92	6.75
Delaware	5.29	5.70	5.36	6.10	5.80	6.09	6.32	5.74
District of Columbia	6.57	6.03	5.99	6.38	5.94	6.01	5.45	5.33
Florida	6.20	5.20	5.52	5.30	5.22	5.17	5.21	5.19
Georgia	[R]5.16	5.29	4.76	4.27	5.05	5.06	5.07	5.16
Hawaii	12.92	13.00	13.46	13.19	13.17	13.22	12.99	13.37
Idaho	4.45	4.90	4.72	5.25	4.99	5.04	5.09	5.18
Illinois	4.06	4.37	3.99	4.09	4.14	4.95	4.71	5.01
Indiana	4.04	4.35	3.90	3.73	4.05	4.72	4.88	4.93
Iowa	4.01	4.14	4.04	4.10	4.04	4.83	5.55	5.40
Kansas	NA	4.09	4.31	4.25	3.31	3.89	3.86	3.97
Kentucky	4.45	4.59	4.27	4.14	4.56	4.70	5.26	4.71
Louisiana	6.07	5.05	5.61	5.43	5.38	5.15	4.76	5.10
Maine	6.51	6.52	6.48	6.58	5.92	6.05	6.17	6.11
Maryland	5.58	5.05	5.15	5.00	5.18	4.85	5.23	5.82
Massachusetts	7.36	6.68	7.12	6.73	4.82	5.18	5.19	5.29
Michigan	4.41	4.44	4.36	4.46	4.56	5.34	5.56	5.59
Minnesota	4.39	3.96	4.20	3.86	3.93	3.90	3.97	2.67
Mississippi	4.87	4.06	4.27	4.11	3.94	3.82	3.47	3.90
Missouri	4.96	4.40	4.96	4.75	4.59	4.86	4.89	4.88
Montana	4.63	4.94	4.66	4.80	5.11	5.47	5.52	5.31
Nebraska	NA	NA	NA	NA	NA	NA	3.63	3.64
Nevada	4.80	5.39	4.87	5.30	5.58	5.62	5.69	5.64
New Hampshire	6.67	6.44	6.70	6.48	5.66	5.95	6.21	6.03
New Jersey	10.42	5.65	6.05	6.08	5.25	4.81	5.17	5.28
New Mexico	2.99	3.62	2.86	2.92	3.30	3.44	3.37	4.00
New York	NA	5.78	5.86	5.09	5.27	5.45	5.46	5.58
North Carolina	5.39	5.27	5.22	5.21	5.14	5.14	5.18	5.22
North Dakota	3.84	3.69	1.82	4.07	4.43	4.50	4.73	4.67
Ohio	4.68	4.95	4.67	4.68	5.08	5.36	5.30	5.39
Oklahoma	4.48	4.56	4.45	4.42	4.34	4.40	4.53	4.62
Oregon	5.22	5.27	5.00	5.51	5.43	5.57	5.57	5.48
Pennsylvania	5.89	6.26	5.32	5.66	6.23	7.04	7.13	7.09
Rhode Island	6.63	5.49	6.86	5.87	6.28	5.92	6.25	5.95
South Carolina	6.20	6.19	5.89	5.88	5.77	5.70	5.74	5.83
South Dakota	3.54	3.98	3.90	3.84	3.67	5.00	6.22	5.82
Tennessee	5.14	5.02	5.15	4.80	5.03	5.15	5.07	5.36
Texas	4.47	4.14	3.86	4.26	4.09	4.06	3.61	3.72
Utah	3.59	3.64	3.92	3.91	3.24	3.40	3.52	3.49
Vermont	5.27	NA	5.12	5.22	NA	5.44	5.68	5.22
Virginia	5.40	5.13	4.96	4.55	5.27	5.23	5.14	5.48
Washington	4.75	5.00	4.89	4.89	4.95	4.91	4.95	5.05
West Virginia	6.37	5.97	5.98	5.93	5.88	5.97	5.98	6.27
Wisconsin	4.78	4.52	4.78	4.48	3.72	4.24	3.96	4.17
Wyoming	NA	NA	NA	NA	NA	NA	4.10	4.17
Total	[R]5.23	5.01	4.88	4.78	4.78	4.97	4.93	5.02

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	
	June	May	April	March	February	January	Total	December
Alabama	5.81	5.85	6.02	5.50	5.65	5.87	6.38	6.38
Alaska	2.34	2.40	2.50	2.51	2.53	2.57	2.48	2.56
Arizona	5.29	5.38	5.42	5.43	5.41	5.35	5.27	5.34
Arkansas	4.12	4.24	3.89	3.96	3.90	4.19	4.58	4.13
California	5.97	5.55	5.97	6.40	6.73	7.11	7.12	6.83
Colorado	4.30	4.22	4.17	4.16	4.13	4.12	4.37	4.28
Connecticut	6.73	6.78	7.48	7.31	7.43	7.45	7.39	7.38
Delaware	6.09	5.81	5.73	5.56	5.59	5.68	6.17	5.95
District of Columbia	5.51	6.08	6.36	6.30	6.14	5.82	6.16	6.02
Florida	5.22	5.17	5.16	5.05	5.03	5.20	5.54	5.36
Georgia	5.26	5.09	5.97	6.02	5.48	5.84	6.18	6.13
Hawaii	13.07	12.90	12.96	12.66	12.55	12.53	12.40	12.45
Idaho	5.18	4.55	5.17	4.82	4.86	4.72	5.01	4.74
Illinois	4.87	4.96	4.36	4.50	4.44	4.39	5.12	4.63
Indiana	5.03	4.81	4.47	4.43	4.58	4.55	5.33	4.68
Iowa	5.15	4.66	4.01	4.05	3.93	3.82	4.51	4.17
Kansas	4.04	4.19	4.06	3.99	4.05	4.18	4.12	3.82
Kentucky	5.27	4.79	4.75	4.61	4.66	4.79	4.98	4.98
Louisiana	4.55	5.25	4.88	4.92	4.76	5.05	5.42	5.20
Maine	6.00	5.91	6.90	6.77	6.68	6.71	6.97	6.74
Maryland	5.30	4.89	4.94	5.00	4.95	4.98	5.46	4.95
Massachusetts	4.94	4.92	7.27	7.53	7.46	7.49	6.82	7.29
Michigan	5.23	4.59	4.27	4.25	4.32	4.30	4.68	4.50
Minnesota	4.17	4.04	3.69	3.90	3.93	4.13	4.36	4.17
Mississippi	4.02	4.14	4.14	4.03	4.03	4.23	4.56	4.39
Missouri	4.76	4.01	4.09	3.98	4.21	4.36	4.85	4.26
Montana	5.17	4.96	4.93	4.95	4.96	4.85	4.91	4.80
Nebraska	3.77	5.00	3.90	3.97	3.97	4.08	4.24	4.07
Nevada	5.55	5.44	5.41	5.41	5.37	5.34	5.36	5.34
New Hampshire	6.04	5.38	5.47	6.89	6.85	6.86	7.17	6.94
New Jersey	5.13	5.13	5.21	5.68	5.56	6.20	6.03	6.12
New Mexico	3.51	4.02	3.85	4.06	4.02	4.04	4.41	3.81
New York	6.12	6.14	6.03	NA	6.07	5.99	6.51	6.23
North Carolina	5.13	5.09	5.18	5.60	5.17	5.46	5.56	5.49
North Dakota	4.50	4.12	3.81	3.77	3.80	3.85	4.48	3.92
Ohio	5.37	4.89	4.94	4.81	4.82	5.36	5.38	5.43
Oklahoma	4.55	4.61	4.65	4.68	4.54	4.67	4.72	4.78
Oregon	5.06	5.11	5.26	5.24	5.25	5.23	5.51	5.34
Pennsylvania	7.11	6.77	6.54	6.38	6.54	6.41	6.50	6.50
Rhode Island	6.43	6.00	7.15	4.82	4.03	3.74	7.57	7.01
South Carolina	6.03	5.90	6.53	6.57	6.57	6.61	6.11	6.54
South Dakota	5.16	4.26	3.68	3.74	3.73	3.72	4.35	3.74
Tennessee	5.05	4.84	4.88	5.06	4.86	5.17	5.56	5.32
Texas	4.02	4.08	4.03	4.40	4.54	4.67	4.33	4.42
Utah	3.42	3.26	3.16	3.88	3.77	3.72	3.84	3.60
Vermont	5.79	5.66	5.50	5.50	5.52	5.44	5.60	5.44
Virginia	5.45	5.13	4.99	5.01	5.44	5.30	5.67	5.27
Washington	4.85	5.04	5.06	5.17	5.02	5.04	4.90	5.06
West Virginia	6.40	6.40	5.80	5.90	5.95	5.94	5.91	5.85
Wisconsin	3.92	4.30	4.55	4.57	4.60	4.78	4.90	4.67
Wyoming	4.33	4.38	4.38	4.39	4.35	4.58	4.45	4.34
Total	5.11	5.00	5.03	5.08	5.09	5.20	5.44	5.24

R = Revised Data.
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 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				
				June	May	April	March	February
Alabama	3.74	3.04	3.53	3.44	3.26	3.68	3.84	4.10
Alaska	1.52	1.53	1.39	1.54	1.52	1.51	1.52	1.50
Arizona	3.91	3.58	3.69	3.90	3.90	3.90	3.92	3.94
Arkansas	2.99	2.86	3.29	2.92	2.93	2.95	3.04	2.95
California	3.63	3.65	3.21	3.29	3.28	3.61	3.69	3.89
Colorado	NA	2.06	1.34	1.71	1.75	NA	1.91	1.72
Connecticut	5.06	4.54	4.91	4.07	4.21	4.69	5.21	5.68
Delaware	4.09	3.11	3.80	4.35	4.55	4.04	3.93	4.15
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.33	3.17	3.70	4.24	4.17	4.62	4.26	4.57
Georgia	4.58	3.49	4.14	5.65	4.34	3.97	4.71	4.80
Hawaii	—	—	—	—	—	—	—	—
Idaho [a]	3.15	3.80	4.04	3.04	3.09	3.00	3.18	3.17
Illinois	4.03	3.63	4.72	5.37	4.58	3.27	4.66	3.84
Indiana	NA	2.85	4.86	3.85	2.49	NA	3.36	3.53
Iowa	3.39	3.12	3.73	4.27	3.55	3.08	3.35	3.38
Kansas	2.49	2.04	3.26	2.44	2.42	2.19	2.84	2.47
Kentucky	3.76	3.38	3.77	3.59	3.73	3.75	3.82	3.74
Louisiana	2.68	1.75	2.44	2.69	2.53	2.82	3.01	2.74
Maine	NA	4.75	5.37	NA	5.11	6.27	6.38	6.50
Maryland	NA	3.51	4.48	NA	5.40	5.47	[R]5.19	5.89
Massachusetts	NA	4.80	6.06	NA	4.15	5.91	7.12	7.00
Michigan	4.02	4.01	3.85	4.12	3.93	3.92	4.06	4.05
Minnesota	2.83	2.59	3.04	2.55	2.77	2.72	2.91	3.16
Mississippi	NA	2.61	3.15	NA	3.09	NA	3.51	3.19
Missouri	4.48	3.53	4.47	3.89	4.38	4.59	4.87	4.58
Montana	4.80	4.87	4.85	5.01	4.65	4.84	4.74	4.72
Nebraska	3.13	2.81	3.40	3.09	2.93	3.14	3.11	3.20
Nevada	4.93	5.46	5.65	4.86	4.90	4.91	4.96	4.98
New Hampshire	NA	4.19	5.24	NA	3.62	4.27	5.43	6.08
New Jersey	4.08	3.21	3.89	3.42	3.70	4.13	4.19	4.83
New Mexico	2.99	5.37	4.05	2.06	14.38	3.32	5.55	3.43
New York	NA	4.70	5.59	4.54	5.09	[R]5.29	[R]5.14	5.54
North Carolina	4.30	3.33	3.89	3.63	3.83	3.91	4.60	5.02
North Dakota	3.29	2.87	3.45	3.05	3.22	3.34	3.14	3.34
Ohio	4.58	4.55	4.52	4.73	4.73	4.78	4.70	4.38
Oklahoma	2.91	2.30	2.23	3.37	2.90	2.79	2.90	2.87
Oregon	3.23	3.44	3.54	3.25	3.21	3.14	3.27	3.25
Pennsylvania	4.26	4.01	4.26	4.08	4.05	4.23	4.24	4.37
Rhode Island	4.57	4.82	5.18	3.86	4.08	4.42	5.58	5.40
South Carolina	3.81	3.08	3.47	3.35	3.39	3.74	3.97	4.24
South Dakota	2.16	3.25	3.65	3.98	3.39	3.33	1.48	3.28
Tennessee	NA	3.24	4.06	3.69	NA	NA	3.77	4.29
Texas	NA	1.87	2.13	2.64	NA	2.57	2.36	NA
Utah	2.04	2.56	3.26	1.95	1.98	2.00	2.27	1.75
Vermont	3.60	3.41	3.59	3.54	3.73	3.74	3.53	3.62
Virginia	4.51	4.00	3.02	4.28	3.85	5.13	4.70	4.61
Washington	NA	2.76	3.03	2.82	NA	2.49	2.56	2.57
West Virginia	2.80	2.59	3.17	2.82	2.75	2.97	2.99	2.93
Wisconsin	3.71	3.25	3.70	3.39	3.29	3.74	3.77	3.72
Wyoming	NA	3.34	3.51	NA	NA	NA	NA	NA
Total	3.35	2.71	3.20	[R]3.13	3.11	[R]3.38	[R]3.51	3.55

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						
	January	Total	December	November	October	September	August	July
Alabama	3.96	2.93	3.18	3.07	2.73	2.65	2.55	2.57
Alaska	1.50	1.53	1.50	1.51	1.52	1.51	1.53	1.56
Arizona	3.91	3.82	4.69	4.00	3.96	3.98	4.18	3.99
Arkansas	3.09	2.75	2.96	2.81	2.50	2.36	2.45	2.76
California	3.99	3.62	4.04	3.89	3.60	3.70	3.28	3.19
Colorado	1.80	1.95	1.85	1.82	1.69	1.78	1.92	1.93
Connecticut	6.52	4.32	5.38	4.39	3.77	3.71	3.70	3.64
Delaware	3.79	3.06	3.93	3.00	2.96	2.85	2.70	2.87
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.16	3.24	3.54	3.39	3.32	3.29	3.12	3.27
Georgia	3.91	3.38	3.92	3.39	3.34	3.19	2.98	2.89
Hawaii	—	—	—	—	—	—	—	—
Idaho [a]	3.47	3.67	3.93	3.82	3.34	2.79	3.51	3.68
Illinois	3.67	3.52	3.27	3.18	3.34	3.55	3.75	3.94
Indiana	3.04	2.88	2.99	2.77	2.80	3.01	2.89	3.21
Iowa	3.20	3.21	3.12	3.04	3.18	3.49	3.76	3.82
Kansas	2.51	2.03	2.27	2.12	2.01	2.03	1.88	1.88
Kentucky	3.79	3.29	3.45	3.22	3.15	3.07	2.89	3.20
Louisiana	2.53	1.79	2.19	1.87	1.79	1.66	1.63	1.82
Maine	5.60	4.46	5.43	4.54	3.74	3.70	3.79	3.80
Maryland	4.17	3.53	4.80	4.27	2.86	3.27	3.32	3.70
Massachusetts	6.83	4.55	5.67	5.01	3.91	3.62	3.21	3.32
Michigan	4.04	4.05	3.99	4.04	4.13	4.26	4.44	4.47
Minnesota	2.99	2.52	2.75	2.74	2.44	2.16	2.24	2.14
Mississippi	3.75	2.64	3.13	2.72	2.55	2.53	2.45	2.51
Missouri	4.32	3.45	3.33	3.64	3.08	3.18	3.21	3.34
Montana	4.94	4.92	4.91	4.93	5.03	5.04	5.12	5.07
Nebraska	3.20	2.73	2.85	2.32	2.49	2.74	2.90	2.63
Nevada	4.93	5.34	4.92	5.15	5.23	5.29	5.30	5.33
New Hampshire	5.23	3.80	4.97	3.79	2.99	2.94	2.82	2.92
New Jersey	4.11	3.12	3.52	3.14	2.84	2.84	2.85	2.89
New Mexico	2.41	3.38	2.71	2.64	2.46	2.78	2.94	4.06
New York	5.02	4.49	4.76	4.48	NA	3.84	3.77	3.92
North Carolina	4.42	3.38	3.90	3.54	3.01	3.20	3.06	3.09
North Dakota	3.44	NA	3.17	2.10	NA	2.68	2.67	2.78
Ohio	4.51	4.45	4.34	4.53	3.82	4.32	4.30	4.10
Oklahoma	2.86	2.21	2.56	2.44	1.87	1.77	1.99	1.77
Oregon	3.47	3.40	3.25	3.38	3.28	3.43	3.37	3.50
Pennsylvania	4.42	4.30	3.93	3.71	3.91	10.29	3.63	3.85
Rhode Island	5.29	4.25	4.82	3.32	3.84	3.53	3.38	3.62
South Carolina	4.34	3.06	3.58	3.21	2.91	2.83	2.83	2.93
South Dakota	3.08	3.43	3.20	2.76	4.05	4.26	5.45	5.07
Tennessee	3.31	3.13	3.10	2.90	2.97	2.91	3.13	3.07
Texas	2.41	1.88	2.33	1.93	1.86	1.81	1.74	1.72
Utah	2.26	2.39	2.36	2.25	2.08	2.13	2.07	2.10
Vermont	3.45	3.37	2.96	3.25	3.32	3.69	3.40	3.65
Virginia	[R]4.52	3.35	3.28	2.86	4.23	2.48	1.63	2.71
Washington	2.41	NA	2.96	2.82	NA	NA	2.32	2.58
West Virginia	2.44	2.62	2.89	2.92	2.61	2.43	2.32	2.47
Wisconsin	3.95	3.15	3.89	3.23	2.68	2.75	2.58	2.43
Wyoming	NA	NA	NA	NA	NA	NA	3.01	2.98
Total	3.33	2.66	3.07	2.71	2.49	2.51	2.34	2.38

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	
	June	May	April	March	February	January	Total	December
Alabama	2.93	3.04	2.91	3.01	3.13	3.16	3.26	3.13
Alaska	1.55	1.53	1.54	1.52	1.52	1.51	1.42	1.49
Arizona	3.37	3.37	3.16	3.41	4.28	4.29	3.57	4.65
Arkansas	2.73	2.74	2.77	2.76	2.84	3.19	3.28	3.44
California	3.25	3.26	3.38	3.73	3.84	4.41	3.25	4.05
Colorado	2.19	2.02	2.03	2.07	1.90	2.16	2.38	1.18
Connecticut	3.74	3.92	4.45	4.38	5.21	5.26	4.49	4.76
Delaware	2.92	2.81	2.94	3.32	3.63	3.43	3.43	3.31
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.28	3.24	3.17	3.09	3.11	3.14	3.51	3.24
Georgia	3.20	3.26	3.15	3.61	3.88	3.73	3.90	3.84
Hawaii	—	—	—	—	—	—	—	—
Idaho [a]	3.79	3.65	3.79	3.84	3.91	3.81	3.85	3.95
Illinois	2.64	2.95	3.44	3.83	3.98	3.94	4.39	4.11
Indiana	3.37	3.56	3.35	3.67	3.81	1.74	4.60	4.12
Iowa	3.11	3.24	2.89	3.34	2.97	3.19	3.99	3.74
Kansas	2.03	2.05	1.94	1.96	2.09	2.18	2.75	2.56
Kentucky	3.18	3.28	3.18	3.33	3.47	3.71	3.64	3.64
Louisiana	1.85	1.79	1.68	1.63	1.72	1.85	2.17	1.88
Maine	3.77	3.62	4.49	5.58	5.74	5.73	4.79	5.24
Maryland	3.36	4.02	3.99	3.72	2.69	3.35	4.04	3.02
Massachusetts	2.05	4.09	5.47	5.69	5.85	6.30	5.25	6.15
Michigan	4.27	4.11	3.88	3.90	4.14	3.97	3.93	3.86
Minnesota	2.10	2.26	2.35	2.90	2.87	3.04	2.87	2.67
Mississippi	2.70	2.53	2.60	2.51	2.59	2.74	2.98	2.81
Missouri	3.37	3.14	3.36	3.47	3.69	3.78	4.18	3.69
Montana	5.03	4.90	4.87	4.84	4.83	4.86	4.91	4.93
Nebraska	2.58	2.67	2.67	2.90	2.89	2.95	3.12	2.95
Nevada	5.41	5.51	5.42	5.43	5.59	5.41	5.67	5.71
New Hampshire	3.22	3.11	3.52	4.13	6.52	5.98	4.44	4.88
New Jersey	2.86	2.88	2.98	3.49	3.29	3.59	3.64	3.85
New Mexico	5.26	9.34	4.42	5.73	6.35	4.59	3.39	3.16
New York	4.16	4.26	4.63	4.87	4.89	4.91	5.22	4.94
North Carolina	2.93	2.91	2.96	3.40	3.83	3.81	3.68	3.73
North Dakota	2.75	2.79	2.77	2.77	2.90	3.07	3.31	2.78
Ohio	4.04	3.91	4.49	4.34	4.70	4.99	4.45	4.49
Oklahoma	1.93	2.08	2.50	2.50	2.09	2.58	2.14	2.33
Oregon	3.44	3.46	3.38	3.41	3.48	3.47	3.61	3.60
Pennsylvania	3.92	3.94	3.66	3.84	4.54	4.06	4.01	3.82
Rhode Island	3.48	3.64	4.67	5.37	7.10	6.51	4.43	4.40
South Carolina	2.87	2.89	2.88	2.99	2.76	4.33	3.32	3.52
South Dakota	3.84	3.28	2.92	3.20	3.15	3.39	3.72	3.48
Tennessee	2.86	3.04	3.09	3.10	3.74	3.59	3.84	3.46
Texas	1.88	1.88	1.80	1.76	1.99	1.93	2.20	1.91
Utah	2.41	2.44	2.54	2.61	2.63	2.63	2.74	2.03
Vermont	3.37	3.31	3.38	3.47	3.56	3.38	3.47	3.44
Virginia	3.77	3.63	3.69	3.92	4.43	4.29	3.15	3.20
Washington	2.70	2.87	2.64	2.66	2.79	2.93	2.95	3.08
West Virginia	2.57	2.49	2.55	2.51	2.66	2.76	2.93	2.77
Wisconsin	2.86	2.83	3.07	3.28	3.48	3.57	3.36	3.44
Wyoming	3.22	3.18	3.43	3.49	3.37	3.33	3.51	3.64
Total	2.44	2.52	2.58	2.75	2.95	2.94	3.05	2.99

[R] = Revised Data.
NA = Not Available.
— = Not Applicable.

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

Source: Form EIA-857.

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

(Dollars per Thousand Cubic Feet)

State	YTD 1996	YTD 1995	YTD 1994	1996				
				May	April	March	February	January
Alabama	2.81	2.00	2.81	2.59	3.10	3.29	2.82	3.71
Alaska	1.21	1.34	0.74	1.04	1.16	1.22	1.29	1.32
Arizona	3.07	1.78	2.64	4.43	2.30	2.31	3.19	2.71
Arkansas	2.64	1.67	1.95	2.30	2.54	2.71	7.11	2.02
California	2.68	2.38	2.86	2.60	2.53	2.58	3.03	2.69
Colorado	1.84	1.68	2.45	1.85	2.06	1.79	1.75	1.80
Connecticut	2.68	2.10	6.63	2.62	2.79	—	—	—
Delaware	3.94	2.35	3.02	3.19	4.14	2.89	4.63	4.63
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.21	2.13	2.47	2.91	3.18	3.50	2.83	3.87
Georgia	4.03	3.37	3.88	3.80	5.05	5.18	4.90	7.30
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	2.87	1.58	2.42	2.43	3.03	3.12	3.24	3.19
Indiana	3.52	2.46	3.49	3.21	3.40	3.85	3.98	3.39
Iowa	3.66	2.95	3.73	2.64	3.82	5.45	3.44	3.36
Kansas	2.27	1.69	2.19	2.13	2.45	2.18	2.46	2.28
Kentucky	3.73	3.14	3.27	3.78	3.40	3.72	3.57	3.96
Louisiana	3.22	1.81	2.55	2.63	2.99	3.25	4.04	3.72
Maine	—	—	—	—	—	—	—	—
Maryland	3.83	2.55	3.46	3.13	3.97	5.72	6.54	6.01
Massachusetts	3.90	2.10	2.86	3.08	3.62	4.17	3.70	6.47
Michigan	0.79	0.69	0.99	0.90	0.71	0.83	0.90	0.65
Minnesota	2.37	1.85	2.49	2.36	2.63	2.43	2.13	2.10
Mississippi	3.68	1.72	2.53	2.49	2.95	3.50	8.16	4.08
Missouri	2.61	1.54	2.36	2.42	2.20	3.37	3.12	3.11
Montana	8.58	11.92	1.62	5.95	8.98	20.05	3.68	1.86
Nebraska	1.90	1.87	2.23	1.58	1.94	2.39	2.19	1.96
Nevada	2.04	1.70	2.30	1.90	2.08	2.14	2.22	1.99
New Hampshire	—	1.97	2.16	—	—	—	—	—
New Jersey	3.10	1.94	2.62	3.37	3.50	3.67	2.85	2.76
New Mexico	2.13	1.56	2.22	2.04	2.17	2.23	2.16	2.07
New York	3.30	2.20	2.69	2.80	3.35	3.32	3.91	4.49
North Carolina	2.70	2.45	3.88	2.66	3.23	—	—	3.07
North Dakota	3.32	3.67	4.46	2.91	—	—	—	3.58
Ohio	3.35	2.40	4.22	2.99	3.48	3.74	3.54	3.94
Oklahoma	3.28	2.36	3.24	2.95	3.15	3.35	4.13	3.13
Oregon	—	1.42	2.18	—	—	—	—	—
Pennsylvania	3.73	2.34	3.47	3.38	2.64	3.61	5.41	4.57
Rhode Island	2.32	—	2.35	2.10	2.36	2.37	2.45	2.38
South Carolina	4.72	1.68	3.62	4.75	4.44	4.72	4.35	4.23
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	1.20	—	—	—	—	—
Texas	2.44	1.91	2.46	2.35	2.48	2.35	2.60	2.48
Utah	20.25	2.68	2.61	—	—	—	20.25	—
Vermont	2.81	1.89	2.19	—	2.72	—	—	3.06
Virginia	2.73	2.65	3.45	3.61	1.51	3.09	1.99	2.41
Washington	5.16	4.80	4.18	4.05	4.22	5.51	4.90	4.98
West Virginia	3.65	3.88	4.38	2.82	3.00	2.70	2.75	5.00
Wisconsin	3.02	2.29	3.27	2.71	3.01	4.19	2.88	2.64
Wyoming	—	9.17	3.70	—	—	—	—	—
Total	2.73	2.01	2.59	2.52	2.68	2.70	3.06	2.88

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1995							
	Total	December	November	October	September	August	July	June
Alabama	2.01	2.68	2.19	2.02	1.94	1.75	1.86	2.07
Alaska	1.29	1.24	1.30	1.28	1.29	1.13	1.22	1.33
Arizona	1.77	2.35	1.94	1.84	1.92	1.59	1.63	2.31
Arkansas	1.74	2.68	1.80	1.83	1.68	1.63	1.62	2.01
California	2.28	2.57	2.32	2.37	2.08	2.02	2.18	2.56
Colorado	1.74	1.90	1.73	1.82	1.90	1.72	1.48	1.91
Connecticut	—	—	2.10	1.85	1.80	1.82	1.95	2.11
Delaware	2.34	3.70	2.64	2.13	2.06	2.00	2.00	2.40
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.26	3.07	2.43	2.29	2.22	2.11	2.20	2.39
Georgia	2.79	4.55	3.67	3.14	3.06	2.76	2.62	2.78
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	1.71	2.48	2.04	1.78	1.68	1.59	1.53	1.64
Indiana	2.49	3.01	2.72	2.78	2.49	2.31	2.36	2.38
Iowa	2.72	2.94	3.02	2.73	2.71	2.52	2.38	2.61
Kansas	1.58	2.06	1.58	1.50	1.57	1.49	1.43	1.70
Kentucky	3.01	3.14	2.57	2.87	2.50	2.42	2.54	2.90
Louisiana	1.88	2.72	2.08	1.93	1.85	1.67	1.78	1.95
Maine	—	—	—	—	—	—	—	—
Maryland	2.24	5.16	2.80	2.51	2.03	2.10	2.16	2.38
Massachusetts	2.06	3.92	2.59	2.02	1.93	1.81	1.88	1.97
Michigan	0.73	0.61	0.71	0.43	0.77	1.09	0.79	0.48
Minnesota	1.77	2.11	2.19	1.60	1.67	1.69	1.65	1.72
Mississippi	1.78	2.76	1.96	1.90	1.73	1.60	1.64	1.85
Missouri	1.69	2.38	2.10	1.88	1.91	1.71	1.64	1.62
Montana	3.84	3.84	1.40	7.42	2.07	1.55	7.37	2.30
Nebraska	1.65	1.91	1.67	1.50	1.51	1.54	1.50	1.96
Nevada	1.71	2.02	1.80	1.82	1.75	1.53	1.56	1.77
New Hampshire	—	—	—	1.93	1.81	1.71	1.79	1.98
New Jersey	2.18	3.12	2.63	2.26	2.12	2.09	2.03	2.54
New Mexico	1.57	1.83	1.74	1.65	1.64	1.44	1.41	1.53
New York	2.13	3.10	2.58	2.03	1.93	1.89	1.94	2.12
North Carolina	—	—	3.04	2.07	2.00	2.45	2.43	2.16
North Dakota	3.71	3.58	3.59	—	4.07	—	3.95	3.89
Ohio	2.34	3.04	2.28	2.66	2.16	2.38	2.09	2.13
Oklahoma	2.34	2.88	2.78	2.95	2.16	2.07	2.09	2.42
Oregon	1.31	1.53	1.73	1.42	1.01	0.94	0.93	—
Pennsylvania	2.04	2.63	2.72	1.90	1.80	1.77	1.99	2.05
Rhode Island	1.90	2.06	1.70	1.76	2.05	2.00	—	1.93
South Carolina	1.64	3.70	3.55	1.55	1.59	1.56	1.90	1.96
South Dakota	1.58	2.39	2.02	—	1.64	1.37	1.43	2.13
Tennessee	—	—	—	—	—	—	—	—
Texas	1.93	2.42	2.09	1.96	1.89	1.79	1.85	1.93
Utah	—	—	2.40	1.80	1.52	1.43	3.65	6.27
Vermont	1.95	1.96	1.85	2.13	2.31	2.29	2.33	2.31
Virginia	2.67	3.32	2.44	2.58	2.36	2.24	3.12	7.84
Washington	4.60	4.21	3.99	5.97	3.54	4.37	4.37	3.87
West Virginia	3.58	3.09	4.92	2.57	3.30	1.86	3.68	3.89
Wisconsin	2.23	2.65	2.51	2.30	2.37	2.06	1.89	2.17
Wyoming	8.32	16.25	12.28	4.15	4.56	14.93	3.25	15.69
Total	2.02	2.58	2.22	2.09	1.95	1.84	1.90	2.06

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	1995					1994		
	May	April	March	February	January	Total	December	November
Alabama	2.05	1.95	1.84	1.97	2.19	2.37	2.23	2.16
Alaska	1.43	1.28	1.39	1.29	1.32	0.72	0.70	0.70
Arizona	2.48	1.56	1.71	1.68	1.67	2.23	2.19	2.07
Arkansas	1.88	1.63	1.41	1.41	1.52	1.87	1.60	1.56
California	2.45	2.28	2.36	2.37	2.43	2.56	2.30	2.44
Colorado	1.79	1.68	1.61	1.60	1.76	2.21	2.10	1.92
Connecticut	2.10	2.07	1.99	2.04	2.31	1.99	2.22	2.03
Delaware	2.42	2.18	2.19	2.52	2.55	2.43	2.49	2.25
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.36	2.16	1.96	2.00	1.94	2.18	2.35	2.01
Georgia	2.92	2.99	3.00	3.80	7.97	3.29	4.24	5.18
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	1.71	1.64	1.51	1.55	1.64	2.04	1.83	1.72
Indiana	2.33	2.88	2.31	2.48	2.52	2.72	2.48	2.29
Iowa	3.31	2.73	3.01	3.04	2.89	3.18	2.95	2.86
Kansas	1.85	1.64	1.51	1.62	1.82	1.89	2.00	1.80
Kentucky	4.08	3.89	2.95	2.37	2.63	2.93	2.87	2.91
Louisiana	1.91	1.78	1.69	1.76	1.88	2.17	1.96	1.88
Maine	—	—	—	—	—	—	—	—
Maryland	2.64	2.64	2.54	2.35	2.76	2.57	2.69	2.36
Massachusetts	2.09	2.07	2.00	2.27	2.74	2.32	2.15	2.24
Michigan	0.48	0.55	0.86	0.99	0.64	0.97	0.45	0.50
Minnesota	1.78	1.62	1.74	1.97	2.10	2.14	2.08	2.22
Mississippi	1.84	1.74	1.59	1.60	1.78	1.98	1.87	1.72
Missouri	1.62	1.56	1.43	1.48	1.85	1.90	2.12	2.13
Montana	4.66	25.80	12.45	37.93	6.70	1.21	3.25	0.65
Nebraska	1.94	1.60	1.90	1.90	2.09	2.02	1.93	1.86
Nevada	1.80	1.85	1.51	1.57	1.89	1.99	1.92	1.96
New Hampshire	1.98	1.98	—	—	1.85	2.13	1.97	1.90
New Jersey	2.44	1.90	1.74	1.72	1.96	2.17	1.91	1.88
New Mexico	1.57	1.50	1.44	1.48	1.84	1.99	1.95	1.79
New York	2.20	2.14	2.08	2.20	2.40	2.30	2.35	2.19
North Carolina	2.17	2.50	2.89	3.42	—	3.38	3.52	3.52
North Dakota	—	3.77	3.68	3.68	3.64	4.11	3.57	3.64
Ohio	2.18	2.47	2.28	2.16	4.03	3.85	4.98	4.38
Oklahoma	2.46	2.28	2.27	2.34	2.46	2.76	2.56	2.55
Oregon	1.13	1.25	1.15	1.60	1.54	1.85	1.88	1.77
Pennsylvania	2.29	1.86	2.38	2.54	2.52	2.36	2.54	2.19
Rhode Island	—	—	—	—	—	2.29	—	—
South Carolina	2.50	2.73	1.43	3.83	3.42	1.71	1.51	1.61
South Dakota	—	—	—	—	—	2.65	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	1.92	1.86	1.85	1.92	2.06	2.20	2.13	2.02
Utah	2.69	2.70	2.63	2.71	2.66	2.42	2.59	2.62
Vermont	2.31	2.23	1.86	1.90	1.82	2.31	2.09	2.08
Virginia	2.41	2.60	2.57	2.70	2.83	2.66	2.67	2.24
Washington	5.83	29.07	6.51	4.28	4.49	4.95	8.64	4.77
West Virginia	4.08	4.09	3.52	3.51	3.63	4.00	3.90	3.61
Wisconsin	2.25	2.22	2.18	2.42	2.30	2.66	2.55	2.23
Wyoming	11.58	10.51	5.93	16.27	7.69	5.80	5.54	43.55
Total	2.06	1.97	1.92	2.00	2.13	2.28	2.17	2.10

[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	
							June	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	81.2	16.3	78.4	17.9	84.4	27.6	71.0	13.6
Alaska	74.5	97.2	85.5	94.8	100.0	58.0	65.2	93.7
Arizona	87.1	23.8	89.5	29.9	91.7	27.2	83.6	21.1
Arkansas	95.9	16.5	97.0	14.3	94.5	14.0	94.2	19.1
California	58.8	11.6	57.5	15.1	45.8	20.7	53.0	10.4
Colorado	NA	NA	95.1	20.7	95.6	27.9	93.7	20.4
Connecticut	90.3	92.8	83.0	86.1	86.2	96.3	79.2	90.3
Delaware	100.0	45.5	100.0	69.8	100.0	66.6	100.0	38.2
District of Columbia	81.3	—	80.3	—	98.7	—	71.2	—
Florida	97.7	11.5	97.3	11.6	97.8	18.5	97.7	9.1
Georgia	95.7	25.0	93.4	32.1	93.4	39.1	88.0	17.1
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	88.3	1.4	79.3	2.6	87.0	2.6	86.0	1.7
Illinois	56.7	13.0	51.0	11.2	56.2	14.7	43.6	4.4
Indiana	NA	NA	87.6	16.6	93.9	16.2	78.0	4.9
Iowa	89.9	8.0	82.3	8.5	91.9	11.8	87.6	5.4
Kansas	NA	12.7	71.9	15.6	79.8	4.3	62.6	7.7
Kentucky	90.6	26.4	88.8	22.5	93.5	36.8	88.6	13.8
Louisiana	97.9	12.6	98.0	31.3	97.9	23.6	96.7	10.5
Maine	NA	NA	100.0	100.0	100.0	100.0	NA	NA
Maryland	NA	NA	97.6	17.1	97.5	23.1	NA	NA
Massachusetts	81.2	NA	88.1	33.1	72.9	26.4	71.7	NA
Michigan	68.5	8.0	67.3	8.3	69.0	13.5	44.2	4.6
Minnesota	96.7	36.7	94.0	30.3	97.1	51.6	95.4	33.8
Mississippi	NA	NA	92.2	40.6	97.1	39.7	NA	NA
Missouri	85.7	26.4	84.4	24.7	86.4	25.6	71.9	23.0
Montana	92.1	4.0	92.3	3.7	92.4	4.4	90.5	1.8
Nebraska	NA	26.1	75.6	20.4	84.8	24.6	NA	19.8
Nevada	78.2	1.9	80.2	2.2	86.4	2.2	73.7	6.8
New Hampshire	NA	NA	99.5	63.9	100.0	100.0	NA	NA
New Jersey	76.0	51.6	89.2	54.8	93.7	62.9	64.4	32.0
New Mexico	61.6	1.2	53.5	0.7	63.7	6.6	64.1	1.7
New York	NA	NA	NA	13.9	80.8	18.7	NA	12.4
North Carolina	98.6	67.1	91.6	45.3	98.5	68.5	90.5	44.7
North Dakota	88.0	23.8	83.2	19.8	82.9	30.4	62.2	12.5
Ohio	72.7	6.4	77.6	6.4	83.9	11.9	40.9	2.8
Oklahoma	90.7	7.7	89.5	20.3	91.2	25.1	78.7	5.2
Oregon	97.0	22.1	98.3	27.3	98.2	33.8	98.3	16.3
Pennsylvania	74.6	18.9	73.0	16.9	77.3	23.1	63.6	14.4
Rhode Island	98.3	14.1	100.0	12.1	100.0	9.0	92.1	57.0
South Carolina	99.4	81.2	95.9	79.9	99.5	70.4	96.8	76.5
South Dakota	85.8	42.1	88.7	31.2	90.4	40.1	74.5	11.9
Tennessee	NA	NA	92.7	35.1	95.9	47.1	NA	33.7
Texas	66.5	NA	67.3	24.6	81.5	29.2	57.5	20.5
Utah	82.9	9.6	83.6	11.6	83.1	9.8	72.9	9.5
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	89.0	14.0	83.8	12.9	91.1	28.5	63.9	9.8
Washington	NA	NA	93.3	37.5	96.5	45.2	82.0	21.8
West Virginia	60.6	17.9	51.1	12.5	61.2	14.1	25.2	12.2
Wisconsin	95.0	37.8	94.2	51.1	96.5	50.3	92.9	26.2
Wyoming	NA	NA	93.2	0.8	96.5	2.1	NA	NA
Total	72.9	18.5	73.4	22.5	81.1	26.7	[R]61.2	[R]15.6

See footnotes at end of table.

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

State	1996							
	May		April		March		February	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	77.3	15.4	80.5	16.6	80.8	17.3	85.6	18.5
Alaska	68.9	98.5	71.9	98.5	76.3	97.7	81.0	98.4
Arizona	84.8	29.2	84.5	22.7	87.2	24.0	90.1	26.9
Arkansas	92.4	18.8	96.3	17.9	95.6	15.0	96.9	16.5
California	52.2	11.6	63.7	12.4	63.3	12.5	58.8	15.3
Colorado	93.6	18.5	NA	NA	94.8	16.8	96.2	17.6
Connecticut	78.6	92.4	89.9	94.5	93.1	96.6	93.2	98.2
Delaware	100.0	32.3	100.0	28.5	100.0	56.9	100.0	57.6
District of Columbia	71.1	—	87.8	—	84.6	—	83.8	—
Florida	97.8	10.8	97.7	11.0	96.9	10.9	97.1	11.7
Georgia	91.6	23.9	94.4	27.9	96.6	29.6	97.9	33.0
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	85.7	1.3	87.2	1.3	88.2	1.4	90.1	1.3
Illinois	49.5	8.0	53.4	12.4	59.3	16.5	59.3	16.3
Indiana	86.8	40.5	NA	NA	95.8	24.1	96.8	25.6
Iowa	90.4	6.9	89.4	7.3	88.2	8.1	91.6	8.1
Kansas	51.7	13.8	63.7	13.2	NA	14.9	78.9	14.3
Kentucky	81.6	19.4	88.8	27.9	91.2	32.3	94.3	32.4
Louisiana	94.4	8.9	98.9	10.0	97.6	9.5	97.6	9.1
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	NA	13.7	90.9	17.5	91.1	R21.8	96.9	18.8
Massachusetts	77.4	38.2	80.0	43.3	82.2	35.2	83.2	49.6
Michigan	62.5	7.1	66.8	11.1	71.6	11.7	70.5	13.7
Minnesota	97.1	32.4	97.0	49.3	96.8	35.7	R97.5	27.5
Mississippi	97.0	35.1	NA	NA	96.6	38.1	97.8	38.7
Missouri	78.4	24.7	84.6	25.8	85.4	24.2	89.8	33.0
Montana	90.5	2.8	92.4	4.0	91.6	4.8	93.5	5.5
Nebraska	NA	23.4	NA	24.3	NA	25.9	NA	29.5
Nevada	75.1	6.7	77.3	8.5	78.9	8.7	81.1	10.0
New Hampshire	98.9	66.9	99.1	68.1	99.2	63.6	99.3	61.1
New Jersey	67.6	41.1	72.2	34.8	77.3	41.2	79.1	35.1
New Mexico	46.7	0.2	57.1	0.9	60.3	0.4	60.8	0.9
New York	NA	12.7	NA	R14.5	NA	R23.8	NA	18.4
North Carolina	91.2	35.9	99.7	76.9	99.9	88.4	99.8	66.9
North Dakota	88.4	20.1	84.6	27.0	90.5	21.9	92.9	25.0
Ohio	63.1	4.3	72.2	5.9	76.0	7.2	76.0	9.8
Oklahoma	82.8	3.7	93.0	8.8	91.4	9.0	93.2	11.1
Oregon	98.1	19.3	98.1	23.7	98.6	25.5	98.8	26.6
Pennsylvania	68.2	15.9	72.2	18.6	76.5	25.5	77.2	24.5
Rhode Island	97.9	62.0	97.8	59.4	98.5	90.7	99.3	84.1
South Carolina	97.5	78.0	100.0	86.4	100.0	83.6	100.0	81.3
South Dakota	78.7	18.3	85.0	25.0	84.7	71.4	87.9	32.6
Tennessee	NA	NA	NA	NA	91.7	45.4	96.8	38.1
Texas	57.7	NA	64.4	16.7	63.2	17.8	78.0	NA
Utah	77.7	9.0	82.3	10.2	82.8	9.4	85.6	10.0
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	78.1	15.1	83.7	14.6	90.8	12.5	96.5	R13.8
Washington	83.8	NA	84.4	26.0	87.6	31.3	89.8	31.0
West Virginia	42.9	12.6	51.4	12.8	60.7	14.7	62.3	16.6
Wisconsin	93.3	31.0	93.4	35.6	95.6	42.8	96.1	42.8
Wyoming	NA	NA	NA	NA	NA	NA	NA	NA
Total	66.9	16.8	71.7	R18.3	74.6	R19.4	R76.7	R20.3

See footnotes at end of table.

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

State	1996		1995					
	January		Total		December		November	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	81.5	16.5	60.3	14.8	76.2	18.4	66.7	15.2
Alaska	73.7	96.3	79.9	94.4	77.9	96.1	72.9	96.6
Arizona	89.5	24.4	85.8	27.0	86.6	27.5	87.3	23.4
Arkansas	96.4	15.6	84.9	13.1	100.0	9.4	93.9	15.0
California	[R]59.5	12.0	51.4	12.4	50.7	10.9	47.7	10.7
Colorado	95.3	25.1	87.1	18.6	93.5	23.7	93.1	28.6
Connecticut	93.4	95.1	80.4	78.5	87.5	100.0	87.7	99.6
Delaware	100.0	58.3	100.0	79.0	100.0	57.2	100.0	65.4
District of Columbia	80.5	—	76.8	—	77.5	—	74.6	—
Florida	98.8	17.4	76.8	10.3	96.5	12.2	97.2	12.5
Georgia	[R]97.4	18.6	84.8	27.3	96.9	35.8	94.2	30.6
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	88.8	1.1	80.9	2.2	85.5	1.1	85.9	1.3
Illinois	58.1	15.5	48.8	9.8	52.6	13.2	51.2	12.1
Indiana	95.7	26.6	80.4	14.5	93.0	19.3	90.2	17.9
Iowa	90.2	10.9	86.4	8.1	91.0	10.0	89.3	12.1
Kansas	NA	12.5	55.3	16.9	64.1	19.8	86.7	20.5
Kentucky	90.1	31.2	80.1	21.9	91.6	29.5	90.3	26.5
Louisiana	99.7	30.3	89.0	29.1	96.9	31.3	97.2	32.2
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	94.7	20.3	96.8	12.7	97.0	3.6	95.6	9.3
Massachusetts	84.3	41.5	80.5	30.1	79.2	37.6	80.6	43.8
Michigan	72.2	13.7	63.0	6.6	71.1	13.2	66.5	9.7
Minnesota	96.0	38.9	80.1	31.0	94.6	35.9	89.1	31.7
Mississippi	97.9	47.8	82.1	35.4	91.6	38.6	90.2	40.1
Missouri	87.3	26.1	75.0	20.5	82.6	16.9	76.5	20.3
Montana	92.0	4.4	91.5	3.2	91.9	4.6	91.8	3.5
Nebraska	NA	31.2	NA	18.6	NA	29.1	NA	19.7
Nevada	79.7	10.0	77.1	1.8	76.0	8.3	71.6	7.7
New Hampshire	99.3	64.0	99.2	64.8	99.1	65.0	98.9	70.2
New Jersey	79.9	36.8	85.1	52.5	80.5	37.0	82.0	33.5
New Mexico	70.5	2.8	46.6	1.6	61.7	4.3	58.6	4.4
New York	NA	34.7	60.7	7.8	78.9	17.5	78.1	15.6
North Carolina	99.9	93.5	83.4	40.7	99.9	92.4	93.4	47.6
North Dakota	90.4	31.7	82.6	NA	86.3	26.0	90.0	66.7
Ohio	77.3	8.3	71.6	4.8	77.1	4.5	77.7	5.2
Oklahoma	91.5	8.2	82.1	15.1	92.7	9.3	86.0	7.6
Oregon	92.0	10.4	94.5	25.1	98.4	25.2	98.0	19.2
Pennsylvania	76.4	15.6	67.2	14.6	71.5	22.0	48.9	12.9
Rhode Island	98.8	32.5	99.8	11.1	98.6	36.1	100.0	51.4
South Carolina	100.0	81.4	78.6	61.6	100.0	90.1	95.1	78.6
South Dakota	89.8	31.0	88.3	27.1	88.5	31.4	85.8	35.0
Tennessee	96.7	38.9	73.7	28.8	94.5	47.0	95.8	49.7
Texas	73.0	19.9	62.3	22.5	74.6	21.5	72.7	23.9
Utah	84.0	9.4	81.8	11.2	82.8	9.1	80.3	10.6
Vermont	100.0	100.0	NA	100.0	100.0	100.0	100.0	100.0
Virginia	96.9	[R]14.8	71.3	11.1	90.5	13.9	83.1	15.4
Washington	88.9	33.0	90.8	NA	89.5	29.1	88.6	28.4
West Virginia	74.7	33.7	47.3	12.5	58.7	14.5	92.0	14.2
Wisconsin	95.4	40.9	76.6	43.0	94.9	44.7	94.8	44.8
Wyoming	NA	NA	NA	NA	NA	0.6	NA	NA
Total	[R]74.2	20.4	70.3	21.3	70.6	20.6	70.7	21.4

See footnotes at end of table.

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

State	1995							
	October		September		August		July	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	65.8	16.2	67.1	16.1	68.3	14.9	69.4	13.7
Alaska	69.2	95.6	72.1	87.8	71.2	85.2	72.0	91.3
Arizona	87.6	21.1	86.4	21.4	84.7	21.7	84.3	27.2
Arkansas	93.2	14.8	93.6	13.2	94.5	12.4	92.9	12.1
California	41.7	10.9	40.7	9.7	43.2	11.8	43.4	13.2
Colorado	89.6	28.4	88.7	23.4	89.2	19.2	91.8	19.5
Connecticut	99.7	95.5	100.0	75.5	63.7	75.6	61.8	80.9
Delaware	100.0	69.1	100.0	67.7	100.0	65.2	100.0	62.4
District of Columbia	64.8	—	61.6	—	66.2	—	68.1	—
Florida	97.6	10.4	98.0	9.8	97.7	9.4	98.0	9.0
Georgia	90.2	26.9	86.8	27.5	87.4	31.6	86.3	35.7
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	77.2	0.6	80.4	2.8	82.5	2.5	83.7	3.0
Illinois	46.4	7.7	40.2	5.7	38.9	4.2	39.5	5.4
Indiana	80.1	12.1	76.0	9.4	71.5	9.7	72.5	8.0
Iowa	86.6	10.2	80.3	6.3	77.2	5.8	79.6	6.0
Kansas	59.7	21.1	31.9	25.3	39.4	14.8	61.7	17.8
Kentucky	84.6	24.5	80.4	27.5	80.2	21.1	75.0	19.0
Louisiana	98.5	28.8	98.2	28.9	98.3	26.5	97.9	26.7
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	94.7	8.0	95.5	9.1	94.9	8.3	94.4	9.9
Massachusetts	80.0	43.2	76.4	38.3	76.3	42.0	73.5	38.5
Michigan	55.4	5.8	44.9	6.2	37.7	4.9	39.9	4.7
Minnesota	93.5	32.5	41.4	63.5	29.0	58.9	91.0	27.3
Mississippi	87.0	27.3	89.6	27.7	94.6	36.7	92.8	35.5
Missouri	69.5	17.2	68.0	19.7	67.9	18.1	69.6	20.4
Montana	88.8	2.6	88.2	2.2	88.9	1.4	89.6	1.7
Nebraska	NA	22.3	NA	15.6	68.6	14.8	70.4	11.8
Nevada	68.7	6.3	72.1	6.7	70.8	6.9	73.6	7.5
New Hampshire	98.6	68.2	98.3	66.6	98.1	65.3	98.4	57.6
New Jersey	70.3	37.7	82.5	33.1	73.4	35.5	77.1	33.9
New Mexico	50.8	3.3	47.4	1.9	54.2	1.3	57.0	1.0
New York	68.6	NA	66.8	11.2	62.8	10.0	65.2	10.3
North Carolina	87.8	37.8	87.0	27.8	86.7	25.7	87.7	27.3
North Dakota	64.0	NA	70.7	11.4	58.7	9.8	61.4	7.0
Ohio	69.7	3.7	58.1	3.1	58.7	3.1	62.7	2.6
Oklahoma	77.2	7.0	81.5	12.8	75.8	7.5	80.1	17.1
Oregon	54.9	28.2	98.1	24.1	97.9	22.5	98.1	22.2
Pennsylvania	67.5	13.0	62.5	12.3	63.7	12.2	64.9	12.8
Rhode Island	100.0	59.3	100.0	49.2	100.0	47.6	100.0	39.8
South Carolina	94.3	79.9	94.3	82.7	94.1	81.0	94.0	85.5
South Dakota	82.4	21.4	75.9	20.0	75.6	14.4	76.5	15.0
Tennessee	87.0	33.9	85.5	27.4	84.0	22.8	36.5	40.4
Texas	55.3	22.0	71.5	24.1	59.7	25.9	64.4	23.6
Utah	79.4	11.3	75.3	11.1	71.4	11.4	74.0	10.8
Vermont	NA	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	70.7	7.8	70.7	11.1	72.8	10.1	69.1	8.3
Washington	87.7	NA	72.6	NA	90.6	29.5	90.7	33.1
West Virginia	40.0	12.6	36.9	11.6	36.2	11.9	34.7	13.1
Wisconsin	91.1	45.5	86.9	47.0	88.2	42.5	87.2	43.0
Wyoming	NA	NA	NA	NA	99.0	0.8	89.3	0.8
Total	64.0	19.5	59.1	19.3	58.1	19.3	60.7	19.7

See footnotes at end of table.

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

State	1995							
	June		May		April		March	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	70.1	15.1	72.1	15.4	76.7	17.1	81.9	18.1
Alaska	76.4	91.6	81.9	98.4	83.8	97.9	83.2	98.3
Arizona	87.8	35.1	87.6	27.0	86.7	32.9	88.6	33.0
Arkansas	94.3	13.1	94.4	13.2	95.9	14.5	96.9	14.4
California	52.8	15.0	50.0	15.0	56.6	15.0	64.5	17.3
Colorado	95.3	15.0	94.8	19.5	94.0	24.1	94.8	24.8
Connecticut	66.1	83.3	75.4	90.0	81.5	81.1	85.6	87.7
Delaware	100.0	67.9	100.0	79.0	100.0	75.6	100.0	62.9
District of Columbia	69.6	—	73.3	—	76.5	—	82.8	—
Florida	98.0	10.3	97.8	11.3	97.8	11.8	97.3	12.0
Georgia	87.4	30.5	88.8	29.2	89.9	26.3	92.7	30.3
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	85.3	3.2	86.0	2.5	85.5	3.0	54.9	2.3
Illinois	43.5	8.0	40.4	8.4	48.9	10.6	52.3	10.1
Indiana	75.1	8.8	82.6	10.1	86.5	13.8	89.0	13.5
Iowa	81.5	5.6	85.8	5.0	88.5	7.6	90.9	8.1
Kansas	61.5	20.4	58.9	15.2	65.4	16.7	80.4	14.8
Kentucky	79.2	23.3	86.4	21.8	85.3	22.4	89.2	20.0
Louisiana	97.9	31.3	98.1	30.0	98.5	29.4	98.0	30.8
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	96.2	10.6	95.9	13.9	96.7	7.2	97.8	30.0
Massachusetts	81.8	59.4	87.4	46.1	87.7	44.7	91.6	46.2
Michigan	43.7	4.9	59.5	6.5	66.4	10.8	69.7	12.7
Minnesota	92.7	34.3	95.3	34.6	96.0	35.3	94.8	22.5
Mississippi	88.2	36.7	92.2	41.9	92.4	39.2	93.1	40.9
Missouri	73.1	20.0	79.4	21.0	80.5	21.8	86.2	25.2
Montana	90.2	1.5	92.0	2.5	91.9	8.6	92.5	1.8
Nebraska	65.2	16.0	67.0	15.3	73.9	17.2	76.0	20.1
Nevada	77.2	7.2	77.8	7.2	79.6	8.6	78.1	8.0
New Hampshire	98.5	59.7	98.9	62.2	99.3	66.8	99.3	70.7
New Jersey	78.5	35.2	83.3	42.5	86.3	39.8	90.6	44.8
New Mexico	50.5	0.8	43.9	0.5	49.8	0.7	52.7	0.6
New York	65.2	10.8	70.7	12.1	78.5	13.2	NA	13.5
North Carolina	86.0	41.2	90.3	42.1	75.4	45.3	94.3	48.8
North Dakota	70.5	13.2	79.9	14.0	83.1	18.1	84.2	20.7
Ohio	61.2	4.0	67.6	4.2	76.6	5.9	78.5	6.9
Oklahoma	81.5	16.0	86.6	19.0	87.0	24.2	90.9	20.9
Oregon	97.8	23.8	97.9	24.0	98.2	28.2	98.2	29.5
Pennsylvania	66.2	11.9	68.4	13.9	71.0	17.1	74.6	19.4
Rhode Island	100.0	52.4	100.0	48.1	100.0	47.3	100.0	45.3
South Carolina	92.2	81.9	94.7	83.1	94.0	79.7	96.0	80.8
South Dakota	77.1	17.3	82.8	21.8	87.2	31.5	89.7	39.4
Tennessee	90.3	38.3	86.2	40.9	89.3	27.9	92.6	36.5
Texas	70.2	24.7	50.5	21.5	65.6	26.2	72.6	26.1
Utah	79.4	11.0	80.1	9.3	83.2	10.1	82.5	15.6
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	71.8	10.5	73.4	9.2	74.9	11.8	87.1	14.3
Washington	91.2	33.7	91.7	33.3	92.5	37.8	94.1	41.2
West Virginia	33.1	12.4	40.0	12.5	48.3	12.3	53.8	12.5
Wisconsin	88.3	45.1	92.4	47.8	94.1	52.4	94.7	51.6
Wyoming	91.8	0.8	90.6	0.7	93.4	0.7	94.5	0.8
Total	66.0	21.5	66.1	20.7	71.8	22.2	75.4	23.0

See footnotes at end of table.

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

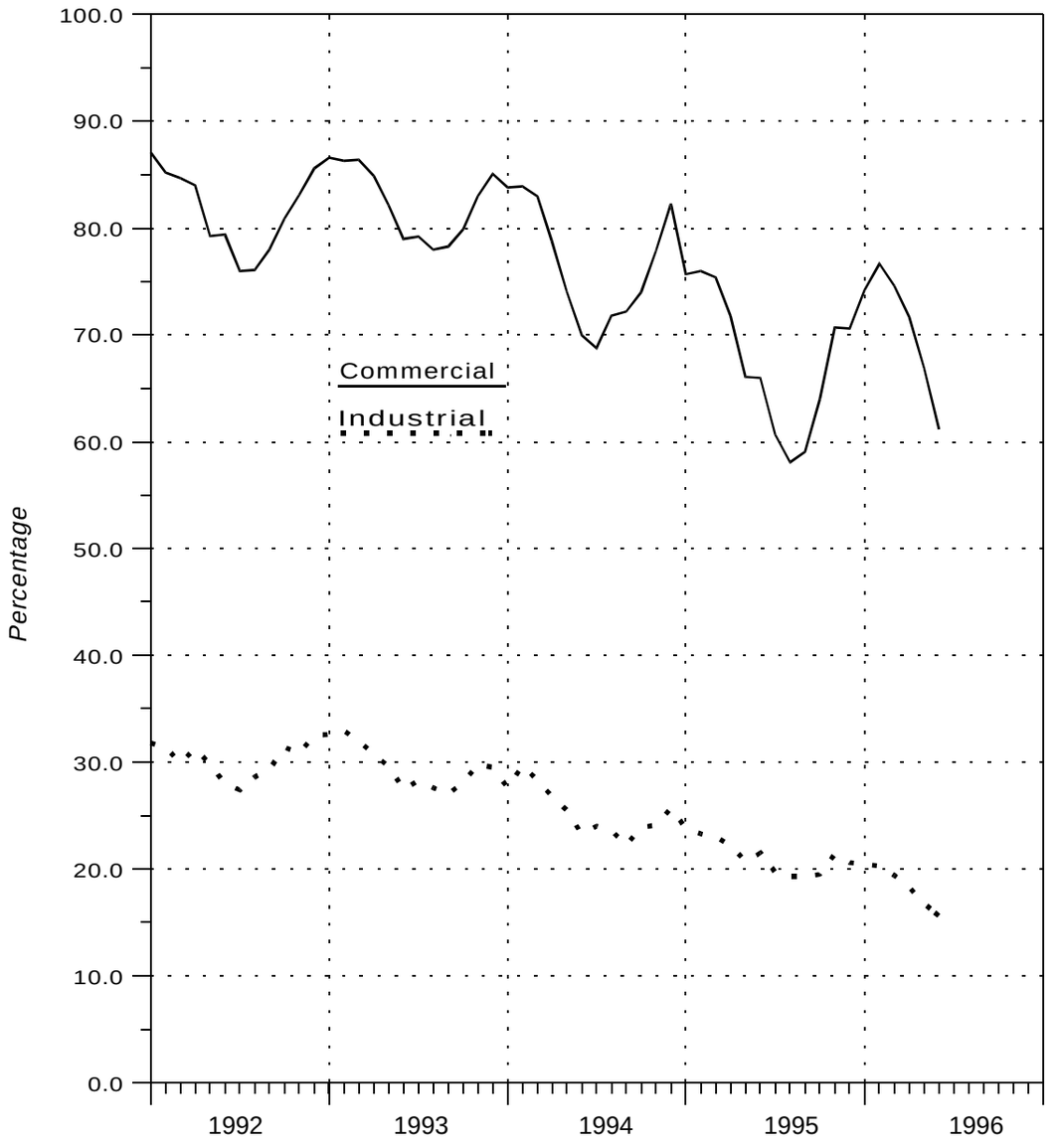
State	1995				1994			
	February		January		Total		December	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	81.8	20.4	77.9	21.2	80.3	27.3	76.7	28.1
Alaska	83.9	98.0	100.0	97.5	100.0	58.4	100.0	96.8
Arizona	92.7	24.8	91.6	25.7	90.7	30.3	91.4	29.7
Arkansas	98.3	16.6	97.7	15.3	95.1	14.1	97.4	13.6
California	58.4	18.8	61.2	16.9	48.8	19.5	68.3	16.0
Colorado	95.8	22.0	95.6	24.3	94.8	14.7	95.6	14.2
Connecticut	88.1	92.8	86.6	88.8	80.9	95.3	83.4	99.1
Delaware	100.0	64.9	100.0	63.4	100.0	67.3	100.0	66.8
District of Columbia	86.4	—	81.7	—	90.9	—	82.0	—
Florida	97.2	11.7	96.5	12.5	97.9	17.3	97.0	18.0
Georgia	96.8	37.1	95.7	41.1	92.0	37.4	92.6	38.8
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	89.1	2.7	89.7	1.8	85.8	2.9	88.0	2.4
Illinois	52.5	14.0	54.0	13.9	52.8	12.4	52.0	11.1
Indiana	89.4	16.4	89.2	29.8	92.3	13.4	91.3	14.5
Iowa	91.8	10.8	74.9	13.3	90.4	11.5	91.0	10.0
Kansas	69.6	17.5	79.5	11.8	78.4	6.6	79.5	9.8
Kentucky	90.5	24.0	90.1	23.6	91.4	31.2	89.9	26.5
Louisiana	98.1	35.1	97.6	31.3	97.9	24.9	97.5	25.4
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	98.5	23.6	97.9	14.5	97.1	16.8	97.7	18.0
Massachusetts	88.8	46.5	87.3	42.4	76.2	39.3	87.1	39.9
Michigan	70.4	14.1	71.1	14.2	65.7	15.1	69.8	18.7
Minnesota	93.2	25.7	93.0	30.7	96.0	42.9	95.2	36.1
Mississippi	93.1	43.5	92.1	41.7	96.6	39.1	96.6	37.4
Missouri	87.9	29.5	85.5	27.3	83.3	20.9	82.0	18.9
Montana	92.5	2.3	93.0	4.9	91.8	3.9	93.1	5.6
Nebraska	79.3	25.5	80.1	26.9	80.2	21.6	80.6	21.6
Nevada	83.7	9.8	82.1	10.5	82.5	9.3	81.2	11.4
New Hampshire	99.6	53.6	100.0	66.2	100.0	95.0	100.0	75.1
New Jersey	91.7	43.2	93.1	43.7	91.6	57.5	92.1	55.7
New Mexico	67.2	0.4	54.2	1.0	62.4	9.7	68.4	12.6
New York	82.0	16.6	79.8	17.5	79.6	21.0	81.9	22.8
North Carolina	95.9	47.6	95.6	46.5	96.6	59.0	99.4	66.8
North Dakota	85.7	25.1	84.2	25.0	79.6	24.7	76.7	19.2
Ohio	79.9	8.6	80.9	8.1	81.5	9.7	81.4	9.1
Oklahoma	91.0	25.9	91.4	17.5	88.5	24.3	91.0	20.6
Oregon	98.4	29.5	98.5	28.4	98.1	31.5	98.6	30.7
Pennsylvania	74.1	18.2	74.8	19.1	74.4	20.5	72.1	20.3
Rhode Island	100.0	37.4	100.0	38.1	100.0	9.0	100.0	9.2
South Carolina	97.1	76.1	97.4	76.2	98.5	76.8	99.9	83.9
South Dakota	90.8	38.2	92.1	38.2	89.1	37.4	92.1	39.6
Tennessee	94.8	33.8	94.6	35.9	94.1	45.6	94.4	46.6
Texas	70.4	22.4	72.3	27.0	82.4	25.7	89.0	26.1
Utah	85.6	13.2	85.6	10.8	83.3	12.0	85.8	11.4
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	88.6	16.4	89.4	16.1	86.7	21.5	86.0	19.2
Washington	93.9	39.2	94.2	38.0	95.4	41.6	94.6	39.0
West Virginia	57.4	13.0	53.2	12.5	55.2	13.0	55.7	13.7
Wisconsin	95.1	53.5	94.5	52.7	93.5	48.8	84.4	60.7
Wyoming	98.4	0.7	89.9	0.9	96.1	2.2	96.8	2.2
Total	76.0	23.3	75.7	23.8	79.3	25.5	82.3	25.7

R = Revised Data.
NA = Not Available.
— = Not Applicable.

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

Source: Form EIA-857.

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



Source: Form EIA-857.

Appendix A

Explanatory Notes

Appendix A

Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly*. These data are preliminary when initially published. Some of these monthly data are estimates developed by EIA staff. Others are taken or estimated from submitted reports. The table below lists the methodologies for deriving the monthly data to be published initially for the components of supply and disposition.

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

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

Note 1. Nonhydrocarbon Gases Removed

Annual Data

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

Preliminary Monthly Data

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

Final Monthly Data

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

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

Note 2. Supplemental Gaseous Fuels

Annual Data

Annual data are published from Form EIA-176.

Preliminary Monthly Data

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

Final Monthly Data

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

Note 3. Production

Annual Data

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

Estimated Monthly Data

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

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

Preliminary Monthly Data

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

Final Monthly Data

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

Note 4. Imports and Exports

Annual Data and Final Monthly Data

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

Preliminary Monthly Data - Imports

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

Preliminary Monthly Data - Exports

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

Note 5. Consumption

All Annual Data

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

Monthly Data

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

Total Consumption

Preliminary Monthly Data

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

Final Monthly Data

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

Residential, Commercial, and Industrial Sector Consumption

Preliminary Monthly Data

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

Average Price of Deliveries to Consumers

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

Final Monthly Data

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

Electric Utility Sector Consumption

All Monthly Data

Monthly data published are from Form EIA-759.

Pipeline Fuel Consumption

Preliminary Monthly Data

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

Final Monthly Data

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

Lease and Plant Fuel Consumption

Preliminary Monthly Data

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

Final Monthly Data

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

Note 6. Extraction Loss

Annual Data

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

Preliminary Monthly Data

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

Final Monthly Data

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

Note 7. Natural Gas Storage

Underground Natural Gas Storage

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

Underground and Liquefied Natural Gas Storage

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

Note 8. Average Wellhead Value

Annual Data

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

Initial Monthly Data

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

Preliminary Monthly Data

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

Final Monthly Data

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

Note 9. Balancing Item

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

Annual Data

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

Preliminary Monthly Data

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

Note 10. Heating Degree-Days

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

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

Appendix B

Data Sources

Appendix B

Data Sources

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

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

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

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

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

Survey Design

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

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

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

In 1990, the Form EIA-176 was revised to include more detailed information for gas withdrawn from storage facilities, gas added to storage facilities, deliveries of company-owned natural gas and natural gas transported for the account of others. The revised form was approved for use beginning with report year 1990.
Upon the Office of Management and Budget's approval in 1993, the Form EIA-176 was again revised. All deliveries to consumers are now categorized as firm or interruptible. Commercial and industrial consumers are further categorized as nonutility power producers or as those excluding nonutility power producers.

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

Survey Universe and Response Statistics

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

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

Summary of Form EIA-176 Data Reporting Requirements

The EIA-176 is a multiline schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year are due by April 1 of the following year. Extensions of the filing deadline for up to 45 days are granted to any respondent on request.

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

Routine Form EIA-176 Edit Checks

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

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

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

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

Other EIA Publications Referencing Form EIA-176

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

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

Survey Design

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

Survey Universe and Response Statistics

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

Summary of Form EIA-627 Data Reporting Requirements

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

Respondents are asked to report all volumes in million cubic feet at the State's standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Routine Form EIA-627 Edit Checks

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

Other EIA Publications Referencing Form EIA-627

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

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

Survey Design

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

Survey Universe and Response Statistics

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

Summary of Data Requirements

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

Routine Edit Checks

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

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

Survey Design

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

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

Survey Universe and Response Statistics

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

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

Summary of EIA-191 Data Reporting Requirements

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

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

Routine Form EIA-191 Edit Checks

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

Other EIA Publications Referencing Form EIA-191

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

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

Survey Design

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

Survey Universe and Response Statistics

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

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

Routine Form FPC-14 Edit Checks

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

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

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

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

Survey Design

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

Survey Universe and Response Statistics

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

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

Summary of Form EIA-857 Data Reporting Requirements

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

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

Routine Form EIA-857 Edit Checks

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

Appendix C

Statistical Considerations

Appendix C

Statistical Considerations

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

Sample Design

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

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

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

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

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

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

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

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

where:

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

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

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

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

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

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

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

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

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

where:

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

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

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using ($I = \frac{X2}{m}$). A uniform random number R was selected between zero and I. The first sampled company was the first company on the list to have a cumulative measure of size greater than R. The second company selected was the first company on the list to have a cumulative measure of size greater than R + I. R + I was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

Subgroups. In eight States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that X2 was the sum within State of the $X_{i.}$ for only those companies in the subgroup.

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

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

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

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

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

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

Estimation Procedures

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

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

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

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

where:

$Y_{.j}$ = the sum within State of annual gas volumes in consumer sector j for all companies,

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

The ratio estimator is applied as follows:

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

where:

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

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

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

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

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

where:

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

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

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

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

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

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

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

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

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

where:

F_t = imputed gas volume for current month t,

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

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

$y_{.j}t-1$ = 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:

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

where:

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

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

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

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

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

The formula for revising the estimated revenue is:

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

where:

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

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

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

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

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

Reliability of Monthly Data

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

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

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

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

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

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

where:

H = the total number of strata

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

y_i = the reported monthly volume for company i

x_i = the reported annual volume for company i

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

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

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	802	1,756	2,702	3,321	2.17	8.28	2.42
Alaska	0	0	0	0	—	—	—
Arizona	32	27	0	42	0.18	0.02	—
Arkansas	21	7	6	23	0.03	0.02	0.01
California	147	60	267	310	0.06	0.09	0.04
Colorado	0	0	0	0	—	—	—
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	0	0	—	—	—
District of Columbia	0	0	0	0	—	—	—
Florida	275	372	695	835	0.79	0.51	1.06
Georgia	829	66	8,482	8,523	1.01	0.07	8.56
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	256	154	111	319	0.01	0.06	0.59
Indiana	320	29	1,862	1,890	0.26	0.36	0.04
Iowa	29	47	80	97	0.08	0.14	0.37
Kansas	279	174	37,703	37,705	0.77	0.49	3.57
Kentucky	1,000	1,733	3,790	4,285	3.79	1.37	7.01
Louisiana	218	1,048	2,410	2,637	0.41	0.14	0.06
Maine	0	0	0	0	—	—	—
Maryland	NA	NA	NA	NA	NA	NA	NA
Massachusetts	368	68	268	460	0.58	0.24	0.52
Michigan	1,334	311	4,076	4,299	0.07	0.09	0.11
Minnesota	475	191	696	864	0.13	0.01	0.18
Mississippi	45	116	120	173	0.45	3.56	0.10
Missouri	821	205	731	1,118	0.45	0.13	8.95
Montana	15	11	0	19	0.01	—	—
Nebraska	0	0	NA	NA	—	—	NA
Nevada	0	0	0	0	—	—	—
New Hampshire	0	0	0	0	—	—	—
New Jersey	0	0	0	0	—	—	—
New Mexico	306	462	0	555	5.05	1.51	—
New York	NA	NA	NA	NA	NA	NA	NA
North Carolina	10	222	107	246	0.06	0.07	0.08
North Dakota	0	0	0	0	—	—	—
Ohio	1,523	289	1,931	2,476	0.15	0.07	0.03
Oklahoma	83	708	852	1,111	0.03	0.17	4.34
Oregon	0	0	0	0	—	—	—
Pennsylvania	556	905	1,301	1,679	0.13	0.17	1.19
Rhode Island	0	0	0	0	—	—	—
South Carolina	7	2,239	2,464	3,329	0.68	2.31	0.37
South Dakota	0	0	0	0	—	—	—
Tennessee	NA	NA	NA	NA	NA	NA	NA
Texas	0	0	NA	NA	—	—	NA
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	290	483	3,551	3,595	0.32	0.55	3.52
Washington	NA	NA	NA	NA	NA	NA	NA
West Virginia	468	463	149	675	2.65	0.93	0.19
Wisconsin	591	711	162	939	0.49	0.49	0.10
Wyoming	NA	NA	NA	NA	NA	NA	NA
Total	5,606	4,617	40,000	40,654	0.18	0.20	0.55

NA = Not Available.
— = Not Applicable.
Source: Energy Information Administration, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Appendix D

Natural Gas Reports and Feature Articles

Appendix D

Natural Gas Reports and Feature Articles

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

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

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

- *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves - 1994 Annual Report*, DOE/EIA-0216(94), October 1995.
- *Monthly Energy Review*, DOE/EIA-0035. Published monthly. Provides national aggregate data for natural gas, natural gas liquids, and other energy sources.
- *Annual Report to Congress 1995 DOE/EIA-01733(95), July 1996. Published annually*.
- *Annual Energy Outlook 1996*, DOE/ EIA-0383(96), January 1996. Published annually.
- *Annual Energy Review 1995*, DOE/ EIA-0384(95), July 1996. Published annually.
- *Short-Term Energy Outlook*, DOE/EIA-0202. Published quarterly. Provides forecasts for next six quarters for natural gas and other energy sources.

Selected One-Time Natural Gas and Related Reports

- *U.S. Production of Natural Gas from Tight Reservoirs*, DOE/EIA-TR-0574, October 1993.
- *Energy Policy Act Transportation Rate Study*, DOE/EIA-0571, October 1993.
- *Energy Policy Act Transportation Study: Interim Report of Natural Gas Flows and Rates*, DOE/EIA-0602, October 1995.
- *Largest U.S. Oil and Gas Fields*, DOE/EIA-TR-0567, August 1993.
- *Natural Gas 1995: Issues and Trends*, DOE/EIA-0560(95), November 1995.
- *Natural Gas Productive Capacity for the Lower 48 States, 1980 through 1995*, DOE/EIA-0542(95), July 1994.
- *The Value of Underground Storage in Today's Natural Gas Industry*, DOE/EIA-0591, March 1995.

Selected and Recurring Natural Gas and Related Data Reference Reports

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

NGM Feature Articles

March 1992

Revisions to Monthly Natural Gas Data
(Discusses the revision errors for natural gas data.)

August 1992

U.S. Natural Gas Imports and Exports - 1991

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

November 1992

Natural Gas Futures Contract Market - The First 2 Years

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

December 1992

Three-Dimensional Seismology — A New Perspective

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

Imports of Canadian Gas Under Long-Term Contracts

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

March 1993

Natural Gas 1992: Issues and Trends

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

Natural Gas Productive Capacity

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

April 1993

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

August 1993

U.S. Natural Gas Imports and Exports - 1992

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

October 1993

U.S. Production of Natural Gas from Tight Reservoirs

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

The Expanding Role of Underground Storage

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

January 1994

U.S. Coalbed Methane Production

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

February 1994

Contracting for Natural Gas Supplies

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

May 1994

Opportunities with Fuel Cells

(Discusses the uses of fuel cells in todays market.)

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

June 1994

Natural Gas 1994: Issues and Trends - Executive Summary

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

August 1994

U.S. Natural Gas Imports and Exports - 1993

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

March 1995

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

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

July 1995

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

August 1995

U.S. Natural Gas Imports and Exports - 1994

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

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) 586-4790
Extraction Loss	1	Monthly:	EIA computations	Margo Natof
		Annual:	Form EIA-816, "Monthly Natural Gas Liquids Report" and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	(202) 586-6303
Supplemental Gaseous Fuels	2	Monthly:	EIA computations	Donna Guerrina
		Annual:	Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	(202) 586-6135 Margo Natof (202) 586-6303
Imports and Exports	2	Monthly:	EIA computations	Norman Crabtree
		Annual:	Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas"	(202) 586-6180
Price:				
City Gate, Residential, Commercial, and Industrial	4	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790
Wellhead	4	Monthly:	EIA computations	Donna Guerrina
		Annual:	Form EIA-627, "Annual Quantity and Value of Natural Gas Report"	(202) 586-6135
Electric Utility	4	Monthly:	Form FPC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202) 586-4790
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Quaterly Natural Gas Import and and Export Sales and Price Report	Norman Crabtree (202) 586-6180
Producer Related Activities:				
Natural Gas Production	7,8	Monthly:	EIA-895, "Monthly Quantity of Natural Gas Report"	Donna Guerrina (202) 586-6135

Underground Storage:	9, 10, 11 12, 13	Monthly:	Forms FERC-8 and EIA-191, "Underground Gas Storage Report"	Rosemary Jameson (202) 586-6229
Distribution and Consumption:				
Deliveries to:				
Residential,	14	Monthly:	Form EIA-857, "Monthly Report of	Roy Kass
Commercial,	15		Natural Gas Purchases and Deliveries	(202) 586-4790
Industrial,	16		to Consumers"	
Electric Utility,	17		Form FERC-423, "Cost and Quality	
All Consumers	18		of Fuels for Electric Power Plants"	
Average Price to:				
City Gate,	19	Monthly:	Form EIA-857, "Monthly Report of	Roy Kass
Residential,	20		Natural Gas Purchases and Deliveries	(202) 586-4790
Commercial,	21		to Consumers"	
Industrial,	22		Form FERC-423, "Cost and Quality	
Electric Utility	23		of Fuels for Electric Power Plants"	
Onsystem Sales	24	Monthly:	Form EIA-857, "Monthly Report of	Roy Kass
			Natural Gas Purchases and Deliveries	(202) 586-4790
			to Consumers"	
Heating Degree Days	25	Seasonal:	National Oceanic and Atmospheric	Rosemary Jameson
			Administration	(202) 586-6229
Highlights				Mary Carlson
				(202) 586-4749
Industry Highlights				Eva Fleming
				(202) 586-6113

Appendix F

Natural Gas Electronic Products

Appendix F

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 *Natural Gas Monthly*, presents events that affected the natural gas industry during 1995.	V	P		V	
Energy Policy Act Transportation Study: Interim Report on Natural Gas Flow and Rates (EPACT) 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, Tadzhikistan, and Kyrgysztan) 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	

V=Viewable P=Post-Processable

	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 *Natural Gas Annual*.	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 *Natural Gas Annual*. Annual historical data at the national level are presented for 1930-1994. Annual information by State and region is presented for 1967-1994.	P		P		P
1993 Data reported on Form EIA-176 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 *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves* from 1977 forward.	P				P
MONTHLY DATA					
Natural Gas Production, United States by Month 1989-forward	P	P		V	
Natural Gas Supply and Disposition, 1989-forward	P	P		V	
Natural Gas Imports and Exports 1989-forward	P	P		V	
Natural Gas Underground Storage: United States Total by Month 1989-forward	P	P		V	
Natural Gas Prices: United States Total by Month 1989-forward	P	P		V	
Natural Gas Consumption by Sector: United States Total by Month, 1989-forward	P	P		V	
SELF-EXTRACTING COMPRESSED DATA FILE ARCHIVES					
Natural Gas Consumption and Prices, for most recent 2-3 years	P	P			
Natural Gas Consumption and Prices, for 1984-1992	P	P			
OTHER REPORTS					
Natural Gas Weekly Market Update 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 termperature of one pound of water by one degree Fahrenheit at or near 39.2 degrees Fahrenheit.

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

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

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

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

Dry Natural Gas Production: Marketed production less extraction loss.

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

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

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

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

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

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 oi1 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.