Natural Gas Monthly

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MASTER

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Preface

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

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

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

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

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

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60 degrees Fahrenheit.

Common Abbreviations Used in the Natural Gas Monthly

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

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Overview

Highlights

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

The projections made for natural gas are based on the following assumptions: real gross domestic product growth will be 2.9 percent in 1995 and 1.9 percent in 1996 (compared to 4 percent in 1994) because of rising interest rates and prices; the price of world oil, which was \$16.75 per barrel in March 1995, will rise to \$17.50 per barrel through 1996; and the weather temperatures will be normal. Given these assumptions, the *Outlook* forecasts the following for natural gas through the fourth quarter of 1996:

Consumption

- Natural gas demand in 1995 will increase slightly over 3 percent to 21.30 trillion cubic feet and grow slowly by 1 percent to 21.52 trillion cubic feet in 1996. This compares with 20.60 trillion cubic feet in 1994.
- Residential gas demand growth fell in 1994 (4.83 trillion cubic feet compared to 4.96 trillion cubic feet in 1993) because of the sluggish heating market which extended into the first quarter of 1995. However, with normal weather, residential demand in 1995 is forecast to increase slightly under 1 percent to 4.84 trillion cubic feet.
- In 1996, residential demand is expected to increase over 4 percent to 5.05 trillion cubic feet with continued new natural gas customers and a higher heating demand for the first quarter of 1996.
- Natural gas used for utility generation in the electricity generation sector in 1995 is projected to increase slightly less than 1 percent to 3.12 trillion cubic feet. In 1996, it is expected to decrease less than 1 percent to 2.99 trillion cubic feet.
- Natural gas used for nonutility generation is expected to grow more than 10 percent to 0.31 trillion cubic feet in 1995, and more than 9 percent to 0.34 trillion cubic feet in 1996.

- In 1995, consumption in the industrial sector is projected to grow to 8.42 trillion cubic feet, and in 1996 is projected to remain steady at 8.43 trillion cubic feet.
- Commercial sector consumption in 1995 is projected to increase less than 1 percent to 3.02 trillion cubic feet and in 1996 is expected to grow nearly 5 percent to 3.17 trillion cubic feet.

Production

- In 1995, production is expected to increase by less than 1 percent to 18.95 trillion cubic feet, and in 1996, production will increase by nearly 2 percent to 19.08 trillion cubic feet. This is in response to the decline of U.S. gas productive capacity and the competition between Canadian imports and domestic production.

Storage

- At the end of 1994, natural gas storage levels were at 6.65 trillion cubic feet and are projected to be at 6.96 trillion cubic feet at the end of 1995 and 6.82 trillion cubic feet at the end of 1996.

Imports

- In 1995, net imports are projected to rise to 2.51 trillion cubic feet, nearly 6 percent, while in 1996 net imports are projected to rise to 2.75 trillion cubic feet, almost 10 percent. Net natural gas imports in 1996 account for nearly 13 percent of total U.S. demand.

Prices

- In 1994, the natural gas wellhead price fell 10 percent because of mild winter weather and continued market efficiency improvements. By the fourth quarter of 1994, the wellhead price was 20 percent lower than a year ago.
- In 1995, the average wellhead price is projected to remain well below \$2 per thousand cubic feet during nonpeak demand months. Mild weather during the first quarter of 1995 contributed to an annual decrease of 7 cents per thousand cubic feet.
- However, assuming normal winter weather in 1996, the average annual wellhead price is projected to increase by 20 cents per thousand cubic feet to \$1.95 per thousand cubic feet. Depressed gas prices during the first half of 1995 as well as high storage levels will influence this price.

Supply and Disposition

The Energy Information Administration estimates that marketed production (gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations) totaled 1,694 billion cubic feet in March 1995 (Table 1). This is almost identical to March 1994.

The total gas supply available for disposition in March 1995 was an estimated 2,207 billion cubic feet, 2 percent greater than in March 1994 (Table 2). The March 1995 total includes 315 billion cubic feet withdrawn from storage, 10 billion cubic feet of supplemental fuel supplies, and 232 billion cubic feet of imported gas.

On the disposition side, the consumption of 2,094 billion cubic feet was 6 percent less than in February 1995 and 3 percent greater than in March 1994 (Table 2). Total disposition included 100 billion cubic feet of gas injected into underground storage reservoirs and exports of 13 billion cubic feet.

Consumption

Data for the four major end-use sectors indicate that the total amount of gas delivered to all consumers in February 1995 was 2,062 billion cubic feet, a 7 percent decrease from January 1995 (Table 3). Consumption in the industrial sector decreased from 780 billion cubic feet in January 1995 to 719 billion cubic feet in February 1995, a decrease of 8 percent.

The electric utility sector consumed 169 billion cubic feet in February 1995, which is a 15-percent decrease from January 1995 and a 13-percent increase from February 1994. The residential sector consumed 763 billion cubic feet in February 1995, 9 percent less than in February 1994. The commercial sector consumed 411 billion cubic feet in February 1995, 7 percent less than in February 1994.

Prices

Distributors paid an average of \$2.71 per thousand cubic feet for gas at the city gate in February 1995. This is 3 percent less than what these distributors paid in January 1995 and 17 percent less than what they paid in February 1994. Residential consumers paid \$5.74 per thousand cubic feet in February 1995, 5 percent lower than what they paid in February 1994. Commercial consumers paid \$5.11 per thousand cubic feet in February 1995, 2 percent less than what they paid in January 1995 and 9 percent less than what they paid in February 1994.

Industrial consumers paid \$2.97 per thousand cubic feet in February 1995, a 2-percent increase from the January 1995 price of \$2.91 and 15 percent lower than in February 1994. Electric utilities paid an average of \$2.13 per thousand cubic feet in January 1995, a 2-percent decrease from the \$2.17 per thousand cubic feet paid in December 1994.

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

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production (Wet)	Extraction Loss ^b	Total Dry Gas Production ^c
1989 Total	21,074	2,475	362	142	18,095	785	17,311
1990 Total	21,523	2,489	289	150	18,594	784	17,810
1991 Total	21,750	2,772	276	170	18,532	835	17,698
1992 Total	22,132	2,973	280	168	18,712	872	17,840
1993							
January	1,965	261	35	10	1,658	77	1,581
February	1,767	235	31	11	1,490	69	1,421
March	1,943	262	35	9	1,637	76	1,561
April	1,843	247	33	9	1,553	72	1,481
May	1,879	252	35	9	1,584	73	1,511
June	1,795	229	27	11	1,527	71	1,457
July	1,851	232	36	9	1,573	73	1,501
August	1,871	250	37	9	1,575	73	1,502
September	1,832	240	35	10	1,548	72	1,476
October	1,951	277	36	10	1,628	75	1,552
November	1,967	285	36	8	1,637	76	1,561
December	2,064	299	37	10	1,719	80	1,639
Total	22,729	3,069	414	116	19,130	886	18,244
1994							
January	2,045	300	33	9	1,702	79	1,623
February	1,843	270	30	8	1,534	71	1,462
March	^R 2,037	300	35	9	^R 1,693	79	^R 1,614
April	^R 1,943	274	33	9	^R 1,627	76	^R 1,552
May	2,003	286	34	9	1,675	78	1,597
June	1,906	261	27	9	1,608	75	1,533
July	1,965	269	30	10	1,656	77	1,579
August	1,951	267	28	10	1,645	77	1,568
September	1,890	262	29	10	1,590	74	1,516
October	1,987	308	30	10	1,638	76	1,562
November	^R 2,014	296	30	10	^R 1,677	^E 78	^{RE} 1,599
December	^R 2,095	^R 336	30	10	^R 1,719	^{RE} 80	^{RE} 1,639
Total	^R 23,678	^R 3,429	369	^R 115	^R 19,765	^R 921	^R 18,844
1995							
January	^R 2,116	^R 333	^R 32	^R 10	^R 1,741	^R 81	^R 1,659
February	^E 1,833	^E 274	^E 27	^E 9	^E 1,523	^E 71	^E 1,452
March	^E 2,055	^E 320	^E 30	^E 10	^E 1,694	^E 79	^E 1,615
1995 YTD	6,004	927	89	30	4,958	231	4,727
1994 YTD	5,925	870	98	27	4,929	230	4,700
1993 YTD	5,675	758	101	31	4,785	222	4,563

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

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

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

^R = Revised Data.

^E = Estimated Data.

^{RE} = Revised Estimated Data.

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

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

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

Year and Month	Supply					Total Supply/ Disposition ^d	Disposition		
	Total Dry Gas Production	Withdrawals from Storage ^a	Supplemental Gaseous Fuels ^b	Imports	Balancing Item ^c		Additions to Storage ^a	Exports	Consumption ^e
1989 Total	17,311	2,854	107	1,382	-218	21,435	2,528	107	18,801
1990 Total	17,810	1,986	123	1,532	-149	21,302	2,499	86	18,716
1991 Total	17,698	2,752	113	1,773	-500	21,836	2,672	129	19,035
1992 Total	17,840	2,772	118	2,138	-508	22,360	2,599	216	19,544
1993									
January	1,581	614	13	200	-63	2,346	37	17	2,292
February	1,421	591	11	191	-5	2,209	22	12	2,175
March	1,561	395	12	204	69	2,242	79	16	2,146
April	1,481	103	10	189	129	1,912	216	11	1,685
May	1,511	30	7	171	66	1,786	471	11	1,303
June	1,457	36	9	182	44	1,727	424	11	1,293
July	1,501	35	8	195	24	1,762	398	13	1,352
August	1,502	45	8	197	2	1,755	375	11	1,369
September	1,476	26	8	194	-23	1,681	391	10	1,280
October	1,552	103	10	192	-93	1,764	262	9	1,493
November	1,561	311	11	210	-206	1,887	106	10	1,771
December	1,639	510	13	225	-188	2,198	54	10	2,134
Total	18,244	2,799	119	2,350	-244	23,268	2,835	140	20,293
1994									
January	1,623	757	14	233	^R -53	^R 2,574	33	11	^R 2,530
February	1,462	543	12	195	^R 146	^R 2,359	49	11	^R 2,299
March	^R 1,614	236	11	214	^R 86	^R 2,162	103	19	^R 2,040
April	^R 1,552	68	10	205	^R 93	^R 1,928	280	8	^R 1,640
May	1,597	25	10	206	^R -1	^R 1,836	417	9	^R 1,411
June	1,533	33	9	200	^R 8	^R 1,783	375	12	^R 1,396
July	1,579	24	10	209	^R -20	^R 1,802	403	11	^R 1,389
August	1,568	29	9	218	^R -32	^R 1,792	364	14	^R 1,415
September	1,516	21	10	203	^R -39	^R 1,710	335	14	^R 1,361
October	1,562	53	10	221	^R -141	^R 1,706	215	^R 13	^R 1,478
November	^{RE} 1,599	196	^E 11	212	^R -183	^R 1,836	98	^R 19	^R 1,719
December	^{RE} 1,639	422	^E 13	241	^R -156	^R 2,158	54	^R 17	^{RE} 2,086
Total	^R 18,844	2,408	129	2,558	^R -293	^R 23,645	2,726	^R 157	^R 20,762
1995									
January	^R 1,659	619	^R 14	^{RE} 251	^R -83	^R 2,460	40	^E 12	^R 2,407
February	^E 1,452	541	^E 12	^{RE} 224	^R 51	^R 2,280	43	^E 13	^R 2,225
March	^E 1,615	315	^E 10	^E 232	34	2,207	100	^E 13	^E 2,094
1995 YTD	4,727	1,475	36	706	3	6,947	183	37	6,727
1994 YTD	4,700	1,537	37	642	179	7,094	186	41	6,868
1993 YTD	4,563	1,673	36	595	-108	6,759	100	45	6,613

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

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

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

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

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

^R = Revised Data.

^E = Estimated Data.

^{RE} = Revised Estimated Data.

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

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

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

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

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

Year and Month	Lease and Plant Fuel ^a	Pipeline Fuel ^b	Delivered to Consumers					Total Consumption
			Residential	Commercial	Industrial	Electric Utilities	Total	
1989 Total	1,070	629	4,781	2,718	6,816	2,787	17,102	18,801
1990 Total	1,236	660	4,391	2,623	7,018	2,787	16,820	18,716
1991 Total	1,129	601	4,556	2,729	7,231	2,789	17,305	19,035
1992 Total	1,171	588	4,690	2,803	7,527	2,766	17,786	19,544
1993								
January	102	72	831	416	708	164	2,119	2,292
February	92	68	768	403	681	162	2,015	2,175
March	101	67	703	371	710	194	1,978	2,146
April	96	52	450	254	659	174	1,537	1,685
May	98	39	232	152	614	167	1,166	1,303
June	94	39	164	123	618	255	1,160	1,293
July	96	41	130	119	631	334	1,214	1,352
August	97	42	120	111	641	357	1,230	1,369
September	95	39	142	120	627	258	1,146	1,280
October	101	45	255	169	689	235	1,347	1,493
November	102	55	457	260	689	208	1,615	1,771
December	107	66	705	362	719	174	1,961	2,134
Total	1,180	624	4,957	2,863	7,986	2,682	18,488	20,293
1994								
January	107	78	959	^R 482	^R 734	170	^R 2,345	^R 2,530
February	96	71	843	440	699	149	2,132	2,299
March	106	^R 63	^R 635	^R 356	^R 694	186	^R 1,871	^R 2,040
April	102	50	^R 395	^R 240	^R 648	204	^R 1,487	^R 1,640
May	105	43	^R 248	^R 169	^R 629	216	^R 1,263	^R 1,411
June	101	43	^R 155	^R 137	^R 641	319	^R 1,252	^R 1,396
July	104	^R 43	^R 128	^R 135	^R 617	362	^R 1,243	^R 1,389
August	103	^R 44	^R 123	^R 128	^R 635	382	^R 1,268	^R 1,415
September	100	42	^R 131	^R 124	^R 668	296	^R 1,220	^R 1,361
October	103	45	^R 222	^R 170	^R 674	264	^R 1,330	^R 1,478
November	105	^R 53	^R 393	247	^R 690	231	^R 1,561	^R 1,719
December	108	^R 64	^R 641	^R 343	^R 723	208	^R 1,914	^{RE} 2,086
Total	^R 1,237	^R 639	^R 4,874	^R 2,971	^R 8,054	2,987	^R 18,886	^R 20,762
1995								
January	^R 109	^R 74	^R 818	^R 428	^R 780	199	^R 2,224	^R 2,407
February	95	68	763	411	719	169	2,062	2,225
1995 YTD	204	143	1,581	838	1,499	367	4,286	4,633
1994 YTD	203	149	1,802	923	1,433	319	4,477	4,828
1993 YTD	194	140	1,599	819	1,389	326	4,134	4,467

^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.

^{RE} = Revised Estimated Data.

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

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

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

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

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

Year and Month	Wellhead Price ^a	Major Interstate Pipeline Companies		City Gate	Delivered to Consumers			
		Imports ^b	Purchased from Producers ^b		Residential	Commercial	Industrial	Electric Utilities ^c
1989 Annual Average	1.69	2.04	2.18	3.01	5.64	4.74	2.96	2.43
1990 Annual Average	1.71	2.03	2.19	3.03	5.80	4.83	2.93	2.38
1991 Annual Average	1.64	2.02	1.92	2.90	5.82	4.81	2.69	2.18
1992 Annual Average	1.74	1.97	2.09	3.01	5.89	4.88	2.84	2.36
1993								
January	1.95	2.04	2.17	3.11	5.73	5.23	3.15	2.70
February	1.76	1.91	1.94	2.94	5.73	5.14	3.02	2.54
March	1.94	1.78	2.21	3.06	5.67	5.10	2.98	2.61
April	2.09	2.15	2.27	3.24	6.02	5.19	3.04	2.75
May	2.35	2.13	2.63	3.58	6.78	5.31	3.14	2.90
June	1.91	1.95	2.02	3.44	7.37	5.40	2.86	2.48
July	1.94	1.78	2.03	3.34	7.85	5.14	2.62	2.45
August	2.04	2.25	2.36	3.35	8.13	5.34	2.76	2.60
September	2.19	2.07	2.59	3.54	7.75	5.35	2.95	2.69
October	1.96	1.96	2.05	3.15	6.79	5.18	2.77	2.45
November	1.96	1.85	2.27	3.15	6.17	5.21	3.02	2.59
December	2.24	2.25	2.69	3.27	6.06	5.33	3.28	2.76
Annual Average	2.03	2.01	2.27	3.21	6.16	5.22	3.07	2.61
1994								
January	2.00	2.09	2.70	^R 3.03	5.95	^R 5.50	3.54	2.67
February	2.13	1.81	^R 3.34	3.27	6.05	^R 5.59	3.50	2.80
March	2.12	2.04	2.81	3.33	6.30	^R 5.66	^R 3.59	^R 2.67
April	1.91	2.06	2.51	3.15	6.61	^R 5.59	3.08	2.44
May	1.94	1.53	2.65	3.18	6.84	^R 5.44	3.00	2.46
June	1.75	1.90	2.43	3.20	7.66	^R 5.36	2.78	2.25
July	1.84	1.44	2.34	^R 3.12	8.08	^R 5.23	^R 2.84	2.28
August	1.74	1.79	2.33	3.16	8.20	5.28	2.75	2.13
September	1.56	1.39	2.08	2.92	7.83	^R 5.34	2.60	2.00
October	1.48	1.28	1.79	2.82	6.87	^R 5.09	2.51	1.95
November	1.68	1.25	1.46	^R 2.85	^R 6.25	^R 5.18	^R 2.88	2.10
December	1.72	1.58	2.85	2.86	^R 6.07	^R 5.23	^R 3.03	2.17
Annual Average	1.83	1.68	2.44	^R 3.07	^R 6.41	^R 5.43	^R 3.05	2.27
1995								
January	^R 1.67	1.42	1.22	2.79	^R 5.82	^R 5.19	^R 2.91	2.13
February	^E 1.56	1.07	2.52	2.71	5.74	5.11	2.97	NA
1995 YTD	1.62	1.25	1.87	2.75	5.78	5.15	2.94	1.15
1994 YTD	2.07	1.95	3.02	3.14	6.00	5.55	3.52	2.73
1993 YTD	1.86	1.98	2.06	3.03	5.73	5.19	3.09	2.62

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

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

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

^R = Revised Data.

^E = Estimated Data.

NA = Not Available.

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

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

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

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

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

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

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

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

Year and Month	Pipeline				LNG		Total	
	Canada		Mexico		Algeria		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1989 Total	1,339,357	1.81	0	—	42,163	2.22	1,381,520	1.82
1990 Total	1,448,065	1.91	0	—	84,193	2.47	1,532,259	1.94
1991 Total	1,709,716	1.81	0	—	63,596	2.36	1,773,313	1.83
1992 Total	2,094,387	1.84	0	—	43,116	2.54	2,137,504	1.85
1993								
January	194,929	2.05	0	—	5,141	2.70	200,070	2.07
February	183,057	1.86	0	—	7,654	2.59	190,711	1.89
March	199,269	1.94	0	—	5,146	2.03	204,415	1.94
April	180,946	2.02	0	—	7,720	2.09	188,666	2.03
May	166,072	2.18	0	—	5,236	1.97	171,307	2.17
June	174,799	1.97	0	—	7,566	2.10	182,364	1.98
July	186,939	1.92	0	—	7,642	1.88	194,581	1.92
August	192,230	1.97	0	—	5,092	2.00	197,322	1.97
September	183,775	2.09	0	—	10,252	2.08	194,027	2.09
October	187,147	1.92	0	—	5,075	2.50	192,222	1.93
November	202,026	2.07	0	—	7,593	2.24	209,619	2.07
December	215,563	2.27	1,678	1.94	7,570	2.29	224,811	2.27
Total	2,266,751	2.02	1,678	1.94	81,685	2.20	2,350,115	2.03
1994								
January	221,409	^R 2.14	1,848	^R 1.98	10,150	^R 2.07	233,407	^R 2.14
February	189,366	^R 2.18	569	^R 2.14	5,065	^R 2.93	195,000	^R 2.20
March	204,186	^R 2.14	2,185	^R 2.19	7,616	^R 2.28	213,986	^R 2.15
April	197,821	^R 1.90	0	—	7,636	^R 1.93	205,457	^R 1.90
May	199,607	^R 1.90	1,675	^R 2.02	5,101	^R 2.19	206,383	^R 1.91
June	193,609	^R 1.83	1,104	^R 1.77	5,029	^R 2.21	199,743	^R 1.84
July	201,536	^R 1.74	0	—	7,680	^R 2.03	209,215	^R 1.75
August	217,519	^R 1.73	0	—	0	^R 2.23	217,519	^R 1.73
September	200,055	^R 1.65	0	—	2,502	^R 2.19	202,556	^R 1.66
October	221,347	^R 1.57	0	—	0	—	221,347	^R 1.57
November	212,363	^R 1.65	0	—	0	—	212,363	^R 1.65
December	241,074	^R 1.67	0	—	0	—	241,074	^R 1.67
Total	2,499,892	1.84	7,381	2.03	50,778	2.19	2,558,052	1.85
1995								
January	^R 248,246	NA	^E 0	NA	2,510	NA	^{RE} 250,756	NA
February	^{RE} 221,261	NA	^E 0	NA	2,573	NA	^{RE} 223,834	NA
March	^E 228,905	NA	^E 0	NA	2,621	NA	^E 231,525	NA
1995 YTD	698,411	NA	0	NA	7,704	NA	706,115	NA
1994 YTD	614,961	2.15	4,602	2.10	22,831	2.33	642,393	2.16
1993 YTD	577,255	1.95	0	—	17,940	2.46	595,196	1.97

^R = Revised Data.

^E = Estimated Data.

^{RE} = Revised Estimated Data.

NA = Not Available.

— = Not Applicable.

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

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

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

Year and Month	Pipeline				LNG		Total	
	Canada		Mexico		Japan		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1989 Total	38,443	2.00	17,004	2.14	51,424	3.01	106,871	2.51
1990 Total	17,359	2.70	15,659	1.88	52,546	3.59	85,565	3.10
1991 Total	14,791	1.91	60,448	1.76	54,005	3.71	129,244	2.59
1992 Total	67,777	1.83	95,973	1.90	52,532	3.43	216,282	2.25
1993								
January	4,249	2.15	8,045	2.05	4,367	3.44	16,661	2.44
February	5,539	2.10	2,412	1.69	4,372	3.32	12,323	2.45
March	6,614	2.05	3,782	1.95	5,834	3.25	16,229	2.46
April	3,880	2.01	3,036	2.09	4,371	3.42	11,287	2.58
May	3,338	1.79	3,605	2.37	4,381	3.47	11,324	2.63
June	3,423	1.86	4,181	1.84	2,950	3.51	10,554	2.31
July	3,592	1.90	3,936	1.90	5,162	3.49	12,691	2.55
August	2,748	2.14	3,113	2.06	4,761	3.40	10,623	2.68
September	2,437	2.21	2,347	2.20	5,136	3.31	9,919	2.78
October	3,274	2.18	2,067	1.93	3,305	3.23	8,646	2.52
November	2,907	2.81	1,862	1.90	4,757	3.21	9,526	2.83
December	2,517	2.95	1,290	2.21	6,592	3.18	10,399	3.01
Total	44,518	2.14	39,676	2.02	55,989	3.34	140,183	2.59
1994								
January	3,651	2.41	1,546	2.22	5,466	3.10	10,663	2.74
February	5,927	2.73	1,458	2.11	3,630	3.01	11,015	2.74
March	11,708	2.76	1,653	2.14	5,509	2.94	18,870	2.76
April	3,765	2.18	993	1.91	3,675	2.94	8,433	2.48
May	2,899	2.24	2,127	1.97	3,692	2.97	8,718	2.49
June	5,498	2.22	1,174	1.73	5,543	3.04	12,215	2.55
July	2,716	2.35	2,286	1.82	5,556	3.18	10,558	2.67
August	1,314	2.47	6,995	1.74	5,564	^R 3.32	13,873	^R 2.44
September	1,489	2.45	7,003	1.57	5,565	^R 3.42	14,057	^R 2.40
October	^R 1,595	^R 2.36	^R 5,464	^R 1.42	5,545	^R 3.44	^R 12,604	^R 2.42
November	^R 4,189	^R 1.96	^R 9,094	^R 1.63	5,526	^R 3.32	^R 18,809	^R 2.20
December	^R 3,164	^R 2.03	^R 6,830	^R 1.68	7,386	^R 3.42	^R 17,380	^R 2.48
Total	^R 47,915	2.42	^R 46,623	1.71	62,657	3.20	^R 157,195	2.52
1995								
January	^E 2,500	NA	^E 4,000	NA	5,541	NA	^E 12,041	NA
February	^E 3,000	NA	^E 4,000	NA	5,557	NA	^E 12,557	NA
March	^E 3,000	NA	^E 4,000	NA	5,573	NA	^E 12,573	NA
1995 YTD	8,500	NA	12,000	NA	16,671	NA	37,171	NA
1994 YTD	21,286	2.69	4,657	2.16	14,606	3.02	40,549	2.75
1993 YTD	16,402	2.09	14,239	1.96	14,573	3.33	45,214	2.45

^R = Revised Data.

^E = Estimated Data.

NA = Not Available.

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

Table 7. Marketed Production of Natural Gas, by State, 1989-1995
(Million Cubic Feet)

Year and Month	Alabama ^b	Alaska	California	Colorado	Florida	Kansas
1989 Total	128,411	393,729	362,860	216,737	7,534	601,196
1990 Total	135,276	402,907	362,748	242,997	6,483	573,603
1991 Total	170,847	437,822	378,384	285,961	4,884	628,459
1992 Total	355,099	443,597	365,632	323,041	6,657	658,007
1993						
January	32,873	40,013	27,877	31,415	619	68,147
February	29,095	34,949	24,888	28,343	564	59,400
March	29,508	39,222	26,922	32,604	582	61,713
April	28,430	35,649	25,782	33,728	583	54,871
May	30,361	35,380	26,048	35,308	588	56,082
June	29,058	30,817	25,020	32,852	570	53,020
July	31,132	32,867	25,472	31,942	579	52,949
August	31,622	33,227	25,516	33,729	630	50,945
September	31,465	33,569	25,169	32,913	576	47,545
October	33,401	36,987	27,230	34,355	623	54,344
November	38,311	37,839	27,329	35,240	573	60,437
December	42,767	39,830	28,599	38,556	598	66,894
Total	388,024	430,350	315,851	400,985	7,085	686,347
1994						
January	33,931	40,660	27,262	37,740	595	71,267
February	31,900	36,582	26,431	^R 35,090	560	58,063
March	35,467	40,494	27,893	^R 39,202	699	60,325
April	33,534	34,837	25,782	^R 35,216	622	57,901
May	34,667	33,683	24,883	^E 36,617	670	60,607
June	32,249	34,083	25,861	^E 35,665	623	56,248
July	33,847	35,667	26,979	^E 34,960	751	57,750
August	33,884	35,797	26,997	^E 36,746	636	56,598
September	25,692	35,839	25,028	^E 35,390	597	52,991
October	33,443	40,331	24,890	^E 37,203	714	56,702
November	^R 33,730	40,625	25,264	^E 38,224	640	61,661
December	^R 33,417	44,202	25,648	^E 44,552	611	62,409
Total	^R 395,761	452,800	312,918	^R 446,605	7,718	712,522
1995						
January	^E 38,681	^E 44,525	26,389	^E 40,323	631	^E 65,030

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1989-1995
(Million Cubic Feet) — Continued

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

See footnotes at end of table.

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

(Million Cubic Feet) — Continued

Year and Month	Oklahoma	Texas	Utah	Wyoming	Other ^a States	U.S. Total
1989 Total	2,237,037	6,241,425	120,089	665,699	826,576	18,095,147
1990 Total	2,258,471	6,343,146	145,875	735,728	810,100	18,593,792
1991 Total	2,153,852	6,280,654	144,817	776,528	788,328	18,532,439
1992 Total	2,017,356	6,145,862	171,293	842,576	804,264	18,711,808
1993						
January	181,837	538,516	19,616	75,103	70,041	1,658,274
February	162,387	486,738	19,258	67,130	62,965	1,489,531
March	174,972	541,028	22,756	78,099	67,071	1,637,028
April	167,804	523,026	18,944	58,848	64,071	1,553,365
May	169,008	531,571	17,559	59,838	65,446	1,584,236
June	162,193	513,547	18,487	58,896	65,900	1,527,388
July	164,704	529,217	17,230	63,716	64,063	1,573,470
August	164,753	524,152	15,512	62,833	65,112	1,575,290
September	162,440	509,437	15,130	64,743	62,699	1,548,224
October	176,939	524,933	19,488	62,844	67,550	1,627,620
November	177,265	504,582	19,920	62,370	67,874	1,637,237
December	185,638	522,878	21,502	64,536	74,598	1,718,572
Total	2,049,942	6,249,624	225,401	778,956	797,391	19,130,233
1994						
January	^E 175,353	529,106	27,856	70,503	^E 72,439	1,702,042
February	^E 163,605	482,677	21,413	64,017	^E 65,295	^R 1,533,923
March	^E 170,983	545,684	23,600	74,649	^E 69,331	^R 1,693,267
April	^E 165,201	525,343	23,079	67,903	^E 65,758	^R 1,627,403
May	^E 166,350	537,549	23,787	69,139	^E 65,949	1,674,735
June	^E 165,725	520,475	22,146	60,943	^E 64,219	1,608,103
July	^E 165,376	543,947	22,952	67,615	^E 64,934	1,656,409
August	^E 162,530	544,035	23,516	57,758	^E 65,152	1,644,901
September	^E 157,704	517,760	21,778	67,027	^E 63,242	1,589,697
October	^E 155,002	528,097	23,073	72,388	^E 68,632	1,638,176
November	^E 164,221	522,273	26,817	72,403	^E 69,359	^R 1,677,455
December	^E 161,749	545,805	^R 22,333	66,356	^E 73,538	^R 1,718,651
Total	1,973,799	6,342,751	^R 282,350	810,701	807,848	^R 19,764,762
1995						
January	^E 168,461	540,249	^E 27,979	77,224	^E 73,370	^R 1,740,548

^a Includes Arizona, Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, New York, Ohio, Oregon, Pennsylvania, South Dakota, Tennessee, Virginia and West Virginia.

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

^R = Revised Data.

^E = Estimated Data.

Notes: Data for 1989 through 1993 are final. All other data are preliminary unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

Sources: •EIA *Natural Gas Annual* 1993 1988 through 1993. •IOGCC, MMS reports, and EIA computations, January 1994 through current month.

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

Year and Month	Total Sales Volume ^a (Bcf)	Gas Operating Revenues	Gas Operating Expenses				Total Operating Income	Total Income Before Interest Charges and Extraordinary Expenses	Net Income ^c
			Operation and Maintenance	Depreciation, Depletion, and Amortization	Taxes ^b	Total Gas Operating Expenses			
1989 Total	5,652	26,703	21,522	1,451	596	24,168	2,575	4,595	2,311
1990 Total	4,877	24,275	18,980	1,483	648	21,686	2,590	4,227	2,319
1991 Total	4,052	21,649	17,996	1,311	627	20,158	1,492	1,857	179
1992 Total	3,686	21,575	16,073	1,124	663	18,917	2,657	4,035	2,406
1993									
January	323	1,942	1,337	114	55	1,634	308	382	260
February	356	1,880	1,303	114	58	1,593	286	380	265
March	393	1,968	1,362	113	54	1,662	306	408	270
April	265	1,550	1,099	215	54	1,453	97	303	175
May	157	1,349	951	103	52	1,150	192	273	128
June	182	1,413	991	120	51	1,238	175	288	161
July	195	1,373	909	114	50	1,137	237	313	196
August	199	1,450	1,081	98	49	1,275	176	228	104
September	197	1,424	999	82	46	1,214	210	345	165
October	178	1,438	1,056	81	58	1,278	161	319	203
November	289	1,889	1,284	83	47	1,587	302	345	280
December	155	1,448	1,245	32	37	1,228	220	335	129
Total	2,888	19,127	13,617	1,269	611	16,456	2,671	3,920	2,337
1994									
January	169	1,461	900	122	63	1,166	294	415	218
February	^R 149	^R 1,386	^R 911	^R 45	^R 57	^R 1,128	^R 259	^R 322	198
March	137	1,306	784	104	54	1,062	244	381	275
April	123	1,242	777	160	54	1,076	166	256	133
May	130	1,190	736	122	52	984	205	318	200
June	131	1,119	698	63	48	904	215	312	170
July	128	1,113	717	95	52	940	172	288	153
August	126	1,040	648	97	53	856	185	361	213
September	115	1,172	710	107	47	934	238	353	208
October	121	1,092	636	118	49	798	293	379	260
November	97	1,178	681	116	49	967	211	-831	-2,936
December	114	1,390	904	70	34	1,050	340	554	427
Total	^R 1,542	^R 14,688	^R 9,103	^R 1,220	^R 613	^R 11,866	^R 2,822	^R 3,107	-480
1995									
January	112	1,203	730	120	58	987	217	347	213
February	105	1,159	614	127	57	907	251	390	260

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

^b Excludes income taxes.

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

^R = Revised Data.

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

Source: Form FERC-11.

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

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

Year and Month	To Industrial Users		To Other Ultimate Consumers		Total Sales to Ultimate Consumers		Sales for Resale		Total Sales of Natural Gas		Number of Companies
	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	
1989 Total	392,843	2.58	465,592	5.02	858,435	3.91	4,324,349	3.51	5,182,784	3.58	50
1990 Total	229,662	2.80	374,166	5.18	603,828	4.28	3,849,486	3.40	4,453,314	3.52	51
1991 Total	157,212	2.48	364,078	4.77	521,290	4.08	3,309,713	3.51	3,831,003	3.59	50
1992 Total	154,802	2.42	345,731	4.86	500,533	4.11	3,009,787	3.51	3,510,320	3.60	50
1993											
January	4,623	2.68	6,761	4.44	11,384	3.72	312,591	3.65	323,975	3.65	51
February	6,462	2.26	117	2.73	6,579	2.27	335,111	3.28	341,690	3.27	51
March	5,725	2.41	75	3.16	5,800	2.42	335,596	2.93	341,396	2.92	51
April	7,396	2.29	129	2.46	7,525	2.29	251,075	3.28	258,600	3.25	51
May	7,458	2.51	62	3.16	7,520	2.51	142,838	4.24	150,358	4.15	51
June	6,329	2.40	35	4.26	6,364	2.41	151,971	4.23	158,335	4.15	50
July	9,005	2.36	34	4.47	9,039	2.37	177,597	3.42	186,636	3.37	50
August	13,628	2.63	61	3.61	13,689	2.64	178,455	3.48	192,144	3.42	50
September	4,310	2.78	34	4.38	4,344	2.79	184,411	3.42	188,755	3.41	50
October	6,303	2.24	25	5.28	6,328	2.25	166,454	3.59	172,782	3.54	50
November	6,666	1.91	16	1.75	6,682	1.91	275,360	3.29	282,042	3.26	50
December	2,141	2.40	14	2.00	2,155	2.40	145,687	2.80	147,842	2.79	51
Total	80,046	2.41	7,363	4.34	87,409	2.57	2,657,146	3.41	2,744,555	3.39	51
1994											
January	849	2.24	15	2.07	864	2.24	166,741	2.34	167,605	2.34	51
February	2,731	2.29	13	2.15	2,744	2.29	^R 144,943	^R 2.36	^R 147,687	^R 2.36	52
March	1,768	2.39	10	2.30	1,778	2.39	135,002	2.41	136,780	2.41	52
April	1,395	2.14	13	2.31	1,408	2.14	121,271	2.35	122,679	2.35	52
May	3,879	2.23	12	2.58	3,891	2.23	126,183	2.15	130,074	2.16	52
June	3,838	2.13	3	3.00	3,841	2.13	126,975	1.99	130,816	2.00	52
July	3,185	2.09	46	2.37	3,231	2.10	122,318	1.99	125,549	1.99	52
August	4,798	1.93	29	2.31	4,827	1.93	121,539	2.05	126,366	2.05	52
September	5,050	1.68	17	1.65	5,067	1.68	110,408	2.11	115,475	2.09	52
October	2,410	1.31	3	2.67	2,413	1.31	117,755	1.97	120,168	1.95	52
November	2,401	1.64	30	1.93	2,431	1.64	94,856	1.80	97,287	1.79	52
December	2,941	1.80	17	2.18	2,958	1.80	111,490	2.03	114,448	2.03	52
Total	35,245	1.96	208	2.21	35,453	1.96	^R 1,499,481	^R 2.15	^R 1,534,934	^R 2.14	52
1995											
January	371	1.86	17	2.18	388	1.87	111,171	1.79	111,559	1.79	51
February	521	1.14	1	2.00	522	1.14	104,542	1.47	105,064	1.47	52

^a All prices are weighted averages.

^R = Revised Data.

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

Source: Form FERC-11.

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

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

Pipeline Company	To Industrial Users		To Other Ultimate Consumers		Total Sales to Ultimate Consumers		Sales for Resale		Total Sales of Natural Gas	
	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a	Volume	Price ^a
Algonquin Gas	0	—	0	—	0	—	0	—	0	—
ANR	0	—	0	—	0	—	0	—	0	—
Bear Creek Storage	0	—	0	—	0	—	0	—	0	—
Chandeleur Pipeline Co.	0	—	0	—	0	—	0	—	0	—
Colorado Interstate	0	—	0	—	0	—	0	—	0	—
Columbia Gas Transm.	0	—	0	—	0	—	0	—	0	—
Columbia Gulf	0	—	1	2.00	1	2.00	0	—	1	2.00
Consolidated Gas	0	—	0	—	0	—	1,010	1.81	1,010	1.81
East Tennessee	0	—	0	—	0	—	0	—	0	—
El Paso	0	—	0	—	0	—	847	1.22	847	1.22
Equitrans	0	—	0	—	0	—	0	—	0	—
Florida Gas	0	—	0	—	0	—	0	—	0	—
Great Lakes Gas	0	—	0	—	0	—	0	—	0	—
High Island Offshore	0	—	0	—	0	—	0	—	0	—
Iroquois Gas Transm. Sys.	0	—	0	—	0	—	0	—	0	—
K N Energy Inc.	0	—	0	—	0	—	0	—	0	—
K N Wattenberg Trans.	0	—	0	—	0	—	0	—	0	—
Kern River Gas Trans.	0	—	0	—	0	—	0	—	0	—
Koch Gateway Pipeline Co.	0	—	0	—	0	—	420	1.34	420	1.34
Michigan Gas Storage	0	—	0	—	0	—	0	—	0	—
Midwestern	0	—	0	—	0	—	0	—	0	—
Mississippi River	0	—	0	—	0	—	70	1.51	70	1.51
Mobile Bay Pipeline Co.	0	—	0	—	0	—	0	—	0	—
Mojave Pipeline Co.	0	—	0	—	0	—	0	—	0	—
Mountain Fuel Res.	0	—	0	—	0	—	0	—	0	—
National Fuel	0	—	0	—	0	—	0	—	0	—
Natural Gas Pipeline	0	—	0	—	0	—	8,272	1.29	8,272	1.29
Noram Gas Transmission	0	—	0	—	0	—	5,088	1.78	5,088	1.78
Northern Border	0	—	0	—	0	—	0	—	0	—
Northern Natural	0	—	0	—	0	—	2,481	2.46	2,481	2.46
Northwest Alaskan	0	—	0	—	0	—	30,832	1.04	30,832	1.04
Northwest Pipeline	0	—	0	—	0	—	0	—	0	—
Overthrust Pipeline	0	—	0	—	0	—	0	—	0	—
Pacific Gas Transm.	0	—	0	—	0	—	0	—	0	—
Pacific Interstate	0	—	0	—	0	—	6,539	1.17	6,539	1.17
Panhandle Eastern	0	—	0	—	0	—	0	—	0	—
Sabine Pipeline Co.	0	—	0	—	0	—	0	—	0	—
Sea Robin Pipeline	0	—	0	—	0	—	0	—	0	—
Southern Natural	0	—	0	—	0	—	9,165	1.43	9,165	1.43
Stingray Pipeline	0	—	0	—	0	—	0	—	0	—
Tenneco, Inc.	0	—	0	—	0	—	7,455	2.21	7,455	2.21
Texas Eastern	0	—	0	—	0	—	355	1.49	355	1.49
Texas Gas Transm.	0	—	0	—	0	—	3,563	1.50	3,563	1.50
Trailblazer Pipeline	0	—	0	—	0	—	0	—	0	—
Transcontinental	0	—	0	—	0	—	28,445	1.69	28,445	1.69
Transwestern Pipeline	521	1.14	0	—	521	1.14	0	—	521	1.14
Trunkline Gas Co.	0	—	0	—	0	—	0	—	0	—
U-T Offshore	0	—	0	—	0	—	0	—	0	—
Viking Gas Company	0	—	0	—	0	—	0	—	0	—
Williams Natural	0	—	0	—	0	—	0	—	0	—
Williston Basin	0	—	0	—	0	—	0	—	0	—
Wyoming Interstate	0	—	0	—	0	—	0	—	0	—
Total/Average Price ^a	521	1.14	1	2.00	522	1.14	104,542	1.47	105,064	1.47
Sales to Other Major Companies	—	—	—	—	—	—	0	—	0	—
Sales Excluding Sales to Major Companies	—	—	—	—	—	—	104,542	1.47	105,064	1.47

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

— = Not Applicable.

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

Source: Form FERC-11.

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

Year and Month	Transported Gas ^a	Natural Gas Production	Manufactured Gas, Liquefied Natural Gas, Gasified Coal, and Synthetic Gas Production	Purchased Natural Gas				
				From Producers	Intracompany Transfers	Imports	From Others	Total
1989 Total	18,696,398	108,036	24,609	3,532,588	74,058	903,488	411,997	4,922,131
1990 Total	21,681,372	93,386	24,163	3,601,690	72,986	965,859	355,273	4,995,808
1991 Total	22,031,321	73,065	23,376	2,631,069	72,118	806,558	274,168	3,783,913
1992 Total	24,577,895	75,428	25,107	2,254,501	82,751	816,977	279,946	3,434,175
1993								
January	2,160,587	6,430	1,064	203,273	5,475	45,331	7,912	261,991
February	1,986,703	6,047	2,102	155,930	5,238	70,472	5,571	237,211
March	2,166,055	29,669	0	166,270	5,563	71,018	9,610	252,461
April	1,961,262	5,532	1,033	156,249	4,796	75,589	^b 2,233	234,401
May	1,923,655	5,578	894	170,393	5,037	63,140	3,380	241,950
June	1,932,256	5,432	2,216	161,092	4,175	74,240	4,005	243,512
July	1,942,939	5,343	2,140	166,886	4,500	76,334	1,306	249,026
August	1,924,775	5,228	2,199	148,527	12,439	63,834	^b 257	224,543
September	1,843,669	5,433	1,788	149,971	4,659	46,096	3,940	204,666
October	2,076,287	5,684	2,143	144,311	341	76,058	^b 469	220,241
November	2,388,049	6,240	1,094	129,816	10	44,091	6,499	180,416
December	2,513,588	1,840	1,167	93,406	9,355	34,845	^b 6,642	130,964
Total	24,825,545	88,456	17,840	1,846,124	61,588	741,048	32,622	2,681,382
1994								
January	2,789,621	4,966	2,408	88,101	3,433	46,324	4,127	141,985
February	^a 2,662,627	5,272	2,156	^a 62,379	2,862	35,142	^b 768	^a 99,615
March	2,594,014	4,287	1,922	79,712	2,633	37,149	2,182	121,676
April	2,307,507	3,936	2,192	68,650	2,227	38,383	3,006	112,266
May	2,263,910	3,046	2,260	75,572	1,723	38,467	8,014	123,776
June	2,208,012	4,444	2,123	75,513	2,532	38,507	4,492	121,044
July	2,190,499	2,673	2,244	79,164	1,360	45,529	4,301	130,354
August	3,078,642	4,310	1,907	77,447	2,803	40,714	2,979	123,943
September	2,041,711	3,837	2,032	84,213	2,670	35,572	2,807	125,262
October	2,223,148	4,732	2,010	56,306	3,141	38,321	^b 726	97,042
November	2,398,661	4,695	2,112	67,412	3,749	41,657	6,155	118,973
December	2,718,262	5,729	2,150	73,021	2,965	35,406	2,883	114,275
Total	^a 29,476,614	51,927	25,516	^a 887,490	32,098	471,171	^b 39,452	^a 1,430,211
1995								
January	2,707,018	4,101	2,253	67,282	2,484	39,856	5,643	115,265
February	2,620,009	3,338	3,375	58,872	1,920	35,980	^b 70	96,702

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

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

^a = Revised Data.

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

Source: Form FERC-11.

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

Pipeline Company	Transported Gas	Natural Gas Production	Manufactured Gas, Liquefied Natural Gas, Gasified Coal and Synthetic Gas Production	Purchased Natural Gas				
				From Producers	Intracompany Transfers	Imports	From Others	Total
Algonquin Gas	32,858	0	0	0	0	0	0	0
ANR	110,131	0	1,270	1,244	0	338	0	1,582
Bear Creek Storage	0	0	0	0	0	0	0	0
Chandeleur Pipeline Co.	5,159	0	0	0	0	0	0	0
Colorado Interstate	50,260	1,920	0	2,281	1,920	0	0	4,201
Columbia Gas Transm.	140,730	0	0	0	0	0	*-40	*-40
Columbia Gulf	64,806	0	0	0	0	0	0	0
Consolidated Gas	91,595	874	0	*-25	0	0	*-10	*-35
East Tennessee	12,601	0	0	124	0	0	*-268	*-144
El Paso	93,244	0	0	922	0	0	*-411	511
Equitrans	6,137	0	0	0	0	0	0	0
Florida Gas	29,157	0	0	0	0	0	0	0
Great Lakes Gas	82,353	0	0	0	0	0	0	0
High Island Offshore	24,435	0	0	0	0	0	0	0
Iroquois Gas Transm. Sys.	25,515	0	0	0	0	0	0	0
K N Energy Inc.	13,042	0	0	0	0	0	*-19	*-19
K N Wattenberg Trans.	5,888	0	0	0	0	0	99	99
Kern River Gas Trans.	21,713	0	0	0	0	0	0	0
Koch Gateway Pipeline Co.	101,235	0	0	3,851	0	0	0	3,851
Michigan Gas Storage	32,771	0	0	0	0	0	0	0
Midwestern	10,678	0	0	*-84	0	0	*-43	*-127
Mississippi River	37,728	0	0	461	0	0	0	461
Mobile Bay Pipeline Co.	5,159	0	0	0	0	0	0	0
Mojave Pipeline Co.	5,966	0	0	0	0	0	0	0
Mountain Fuel Res.	30,337	0	0	*-6	0	0	0	*-6
National Fuel	36,534	0	0	0	0	0	0	0
Natural Gas Pipeline	240,714	0	874	3,036	0	4,809	150	7,995
Noram Gas Transmission	55,167	0	0	2,630	0	0	1,367	3,997
Northern Border	55,980	0	0	0	0	0	0	0
Northern Natural	161,257	0	0	691	0	0	245	936
Northwest Alaskan	0	0	0	0	0	30,832	0	30,832
Northwest Pipeline	60,540	0	0	0	0	0	0	0
Overthrust Pipeline	2,668	0	0	0	0	0	0	0
Pacific Gas Transm.	66,305	0	0	0	0	0	0	0
Pacific Interstate	0	0	0	0	0	0	6,678	6,678
Panhandle Eastern	67,705	0	0	0	0	0	0	0
Sabine Pipeline Co.	24,927	0	0	0	0	0	0	0
Sea Robin Pipeline	21,819	0	0	0	0	0	0	0
Southern Natural	52,860	0	0	7,249	0	0	0	7,249
Stingray Pipeline	24,131	0	0	0	0	0	0	0
Tenneco, Inc.	146,268	124	1,231	6,208	0	1	*-49	6,160
Texas Eastern	119,619	0	0	1,334	0	0	0	1,334
Texas Gas Transm.	68,144	0	0	3,570	0	0	0	3,570
Trailblazer Pipeline	11,684	0	0	0	0	0	0	0
Transcontinental	207,791	0	0	24,424	0	0	0	24,424
Transwestern Pipeline	41,924	0	0	706	0	0	0	706
Trunkline Gas Co.	39,664	0	0	0	0	0	0	0
U-T Offshore	12,250	0	0	0	0	0	0	0
Viking Gas Company	12,711	0	0	0	0	0	0	0
Williams Natural	34,847	0	0	256	0	0	0	256
Williston Basin	6,002	420	0	0	0	0	0	0
Wyoming Interstate	12,501	0	0	0	0	0	0	0
Total	2,620,009	3,338	3,375	58,872	1,920	35,980	7,699	104,471
Purchases from Other Major Companies	—	—	—	0	0	0	7,769	7,769
Purchases Excluding Purchases from Other Major Companies	—	—	—	58,872	1,920	35,980	*-70	96,702

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

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

Source: Form FERC-11.

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

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net ^c
1989 Total ^a	3,812	2,513	6,325	-337	-11.8	2,491	2,804	-313
1990 Total ^a	3,868	3,068	6,936	555	22.1	2,433	1,934	499
1991 Total ^a	3,954	2,824	6,778	-244	-8.0	2,608	2,689	-80
1992 Total ^a	4,044	2,597	6,641	-227	-8.0	2,555	2,724	-168
1993								
January	4,259	1,827	6,085	-389	-17.6	37	592	-555
February	4,231	1,303	5,533	-535	-29.1	22	569	-547
March	4,204	1,029	5,233	-516	-33.4	79	383	-304
April	4,219	1,120	5,340	-453	-28.8	212	103	109
May	4,244	1,521	5,765	-327	-17.7	456	30	426
June	4,257	1,895	6,151	-258	-12.0	410	36	374
July	4,256	2,240	6,497	-219	-8.9	385	35	350
August	4,263	2,554	6,817	-207	-7.5	364	45	319
September	4,256	2,884	7,140	-160	-5.3	378	26	353
October	4,315	2,978	7,292	-245	-7.6	256	103	153
November	4,326	2,762	7,088	-292	-9.5	106	303	-197
December	4,327	2,322	6,649	-275	-10.6	54	492	-439
Total	—	—	—	—	—	2,760	2,717	43
1994								
January	4,348	1,579	5,927	-247	-13.5	33	757	-724
February	4,337	1,091	5,428	-212	-16.3	49	543	-494
March	4,343	958	5,301	-71	-6.9	103	236	-133
April	4,345	1,172	5,517	52	4.6	280	68	212
May	4,352	1,554	5,906	33	2.2	417	25	392
June	4,352	1,896	6,248	2	0.1	375	33	342
July	4,355	2,273	6,629	33	1.5	403	24	379
August	4,355	2,607	6,962	53	2.1	364	29	334
September	4,353	2,912	7,265	28	1.0	335	21	313
October	4,354	3,075	7,429	97	3.3	215	53	161
November	4,353	2,978	7,331	216	7.8	98	196	-98
December	4,360	2,606	6,966	284	12.2	54	422	-368
Total	—	—	—	—	—	2,726	2,408	317
1995								
January	4,356	2,033	6,389	454	28.7	40	619	-578
February	4,359	1,536	5,895	445	40.8	43	541	-499
March	4,360	1,326	5,686	368	38.4	100	315	-215

^a Total as of December 31.

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

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

— = Not Applicable.

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

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

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

Source: Form EIA-191 and Form EIA-176

Table 14. Underground Natural Gas Storage - Interstate Operators of Storage Fields, 1989-1995

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net ^c
1989 Total^a	2,478	1,764	4,242	-328	-15.7	1,787	2,072	-285
1990 Total^a	2,496	2,203	4,699	439	24.9	1,705	1,284	421
1991 Total^a	2,571	1,985	4,556	-218	-9.9	1,904	2,015	-111
1992 Total^a	2,652	1,819	4,471	-166	-8.4	1,838	1,940	-102
1993								
January	2,866	1,223	4,089	-331	-21.3	29	398	-370
February	2,848	833	3,681	-456	-35.3	11	407	-396
March	2,825	619	3,444	-461	-42.7	47	275	-228
April	2,840	680	3,519	-424	-38.4	139	67	71
May	2,861	972	3,833	-313	-24.4	331	20	311
June	2,867	1,250	4,117	-237	-15.9	294	18	276
July	2,867	1,502	4,370	-193	-11.4	267	15	252
August	2,872	1,737	4,609	-172	-9.0	255	24	231
September	2,874	1,997	4,872	-113	-5.4	265	12	253
October	2,925	2,034	4,960	-197	-8.8	168	78	90
November	2,941	1,851	4,792	-259	-12.3	69	230	-161
December	2,939	1,531	4,470	-288	-15.8	36	349	-313
Total	—	—	—	—	—	1,911	1,894	17
1994								
January	2,948	1,006	3,954	-217	-17.7	18	525	-506
February	2,943	680	3,623	-154	-18.4	33	364	-331
March	2,951	576	3,526	-43	-6.9	68	170	-102
April	2,950	748	3,697	68	10.1	206	39	167
May	2,956	1,024	3,980	52	5.3	299	15	284
June	2,956	1,270	4,225	20	1.6	260	14	246
July	2,958	1,540	4,498	37	2.5	288	15	273
August	2,957	1,790	4,746	53	3.1	266	17	249
September	2,959	1,992	4,951	-5	-0.3	217	12	205
October	2,955	2,094	5,048	59	2.9	133	37	96
November	2,953	2,012	4,965	160	8.7	60	143	-83
December	2,960	1,743	4,703	211	13.8	34	299	-265
Total	—	—	—	—	—	1,883	1,650	232
1995								
January	2,957	1,336	4,292	330	32.8	26	438	-413
February	2,958	957	3,915	277	40.7	20	397	-377
March	2,962	806	3,767	230	39.9	66	222	-157

^a Total as of December 31.

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

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

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

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

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

Year and Month	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net ^c
1989 Total^a	1,335	749	2,083	-9	-1.2	705	732	-27
1990 Total^a	1,372	864	2,236	115	15.4	728	650	78
1991 Total^a	1,383	839	2,221	-25	-2.9	705	674	31
1992 Total^a	1,392	778	2,170	-61	-7.3	717	784	-67
1993								
January	1,393	603	1,996	-58	-8.8	8	189	-182
February	1,383	469	1,852	-79	-14.4	11	158	-147
March	1,379	410	1,789	-55	-11.7	31	105	-74
April	1,380	441	1,820	-29	-6.1	72	35	37
May	1,383	549	1,932	-14	-2.5	121	10	111
June	1,390	645	2,035	-22	-3.2	113	17	95
July	1,389	738	2,127	-26	-3.4	115	20	96
August	1,391	818	2,208	-35	-4.2	106	21	85
September	1,381	886	2,268	-47	-5.0	110	13	97
October	1,389	944	2,333	-49	-4.9	87	25	62
November	1,385	911	2,296	-32	-3.4	36	70	-34
December	1,388	791	2,179	13	1.7	17	139	-123
Total	--	--	--	--	--	826	802	24
1994								
January	1,400	573	1,973	-30	-5.0	15	232	-217
February	1,394	411	1,804	-59	-12.5	16	179	-163
March	1,392	382	1,775	-28	-6.8	36	66	-31
April	1,395	424	1,819	-17	-3.8	74	29	45
May	1,396	530	1,926	-18	-3.4	118	10	108
June	1,396	627	2,023	-18	-2.8	115	18	96
July	1,397	734	2,131	-4	-0.6	115	9	105
August	1,398	817	2,215	-1	-0.1	98	13	85
September	1,395	920	2,315	34	3.8	117	9	108
October	1,400	981	2,381	37	4.0	82	17	66
November	1,400	966	2,367	55	6.1	38	53	-15
December	1,400	863	2,263	73	9.2	20	123	-103
Total	--	--	--	--	--	843	758	85
1995								
January	1,400	697	2,097	124	21.6	15	180	-166
February	1,401	579	1,979	168	40.9	23	144	-122
March	1,398	520	1,918	138	36.2	34	93	-58

^a Total as of December 31.

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

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

Notes: Data for 1988 through 1993 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 of the *Natural Gas Monthly* for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

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

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

State	1995			1994			
	March	February	January	Total	December	November	October
Arkansas	539	753	1,005	2,482	597	359	64
California	7,942	4,650	30,961	-5,255	25,624	16,734	-12,245
Colorado	4,951	3,328	4,186	583	3,381	1,625	-228
Illinois	24,154	58,368	63,435	-12,232	32,046	8,658	-26,347
Indiana	2,523	6,896	5,997	-3,598	2,933	-630	-2,800
Iowa	4,469	10,876	20,494	-2,877	17,770	4,570	-9,095
Kansas	10,717	12,025	14,993	-7,460	10,228	6,741	-4,488
Kentucky	4,527	12,619	13,327	-5,179	8,342	-332	-3,357
Louisiana	8,672	39,073	51,770	-42,446	38,642	4,050	-9,127
Maryland	105	4,244	2,213	-1,307	1,133	774	-1,769
Michigan	52,065	112,626	106,022	-91,325	63,037	19,633	-30,943
Minnesota	257	477	513	-287	72	3	2
Mississippi	4,052	6,679	10,324	-14,136	5,274	-881	-3,621
Missouri	42	279	584	85	-6	-230	-207
Montana	689	1,994	3,499	7,818	2,673	1,705	-1,033
Nebraska	930	995	2,112	-2,471	2,003	-182	-930
New Mexico	-437	2	2,144	-1,835	540	552	-2,117
New York	5,995	14,192	14,141	-1,891	8,892	2,670	-1,376
Ohio	19,784	37,613	50,118	-28,767	27,783	3,793	-10,509
Oklahoma	9,874	13,615	23,665	-18,407	16,188	3,589	-4,499
Oregon	440	385	1,677	-690	638	437	-253
Pennsylvania	28,404	92,115	66,247	-8,578	43,454	18,675	-15,255
Texas	6,978	16,521	32,064	-42,988	22,432	-5,231	-10,369
Utah	3,407	3,388	7,889	-19,181	5,311	2,389	-3,842
Washington	253	2,230	2,097	-1,609	1,574	388	-217
West Virginia	12,163	41,332	43,805	-12,595	25,135	7,565	-5,917
Wyoming	1,410	1,324	2,979	-3,119	1,913	463	-974
Total	214,902	498,599	578,261	-317,267	367,607	97,887	-161,453

See footnotes at end of table.

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

State	1994						
	September	August	July	June	May	April	March
Arkansas	-210	-803	-563	-553	-531	310	1,303
California	-25,494	-9,353	-17,644	-20,247	-28,111	-18,917	897
Colorado	-5,151	-5,303	-4,339	-1,767	-5,767	5,376	2,715
Illinois	-37,403	-34,491	-32,643	-29,615	-24,079	267	14,617
Indiana	-3,989	-4,369	-5,034	-2,453	56	727	2,074
Iowa	-11,694	-10,993	-10,251	-6,504	-5,564	-1,828	2,997
Kansas	-9,835	-12,597	-10,780	-5,383	-11,037	-655	839
Kentucky	-3,591	-6,861	-9,656	-9,353	-9,701	-4,763	4,595
Louisiana	-23,343	-22,588	-30,427	-21,672	-34,087	-22,060	13,307
Maryland	-1,549	-1,459	-2,100	-1,465	-2,045	-1,248	-537
Michigan	-65,948	-76,822	-74,477	-74,466	-73,090	-42,155	30,657
Minnesota	-149	-202	-369	-372	-341	156	191
Mississippi	-2,132	-5,267	-5,924	-1,604	-4,738	-4,369	-3,384
Missouri	-269	-307	-316	-1,355	-1,454	2,155	278
Montana	-1,772	-1,086	-1,352	-1,807	-938	781	2,019
Nebraska	-2,125	-336	-2,125	-897	-2,138	-959	-143
New Mexico	-4,187	-131	148	-576	-2,029	1,326	-280
New York	-5,002	-8,901	-9,115	-12,238	-8,794	-8,991	8,752
Ohio	-21,811	-26,575	-33,310	-31,701	-29,423	-15,824	16,898
Oklahoma	-8,838	-13,075	-16,166	-12,545	-24,152	-16,740	2,664
Oregon	-684	-1,075	-1,196	-1,498	-1,210	820	946
Pennsylvania	-23,971	-43,449	-51,585	-58,043	-54,363	-36,801	26,404
Texas	-22,462	-17,537	-23,877	-12,062	-33,313	-22,962	-8,014
Utah	-8,449	-6,222	-5,462	-4,028	-6,033	-1,350	-2,945
Washington	-1,134	-451	-1,809	-1,765	-2,604	-2,102	435
West Virginia	-20,863	-22,280	-27,112	-27,590	-25,106	-21,125	16,292
Wyoming	-1,439	-1,505	-1,120	-758	-1,574	-891	-563
Total	-313,495	-334,041	-378,603	-342,316	-392,168	-211,822	133,013

See footnotes at end of table.

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

State	1994		1993				
	February	January	Total	December	November	October	September
Arkansas	1,041	1,468	8,208	1,520	1,055	262	35
California	44,162	39,338	-19,693	30,903	13,528	-11,815	-13,719
Colorado	4,918	5,123	3,162	2,243	3,090	141	-4,830
Illinois	44,056	72,701	-12,196	47,074	7,677	-27,980	-41,424
Indiana	3,469	6,416	-596	2,662	1,389	-1,255	-4,057
Iowa	9,452	18,261	-3,176	17,647	6,652	-7,471	-12,351
Kansas	14,149	15,358	-6,809	9,754	10,116	-1,815	-14,148
Kentucky	12,310	17,188	11,625	11,351	6,228	-1,042	-6,440
Louisiana	18,795	46,064	-7,638	37,815	11,601	-13,548	-30,732
Maryland	2,468	6,488	5,106	3,633	78	-2,521	-2,502
Michigan	88,856	144,392	-39,033	88,975	50,196	-33,332	-65,972
Minnesota	195	527	72	310	75	-87	-248
Mississippi	3,632	8,879	-117	7,072	1,492	162	-5,437
Missouri	530	1,266	68	-149	122	-215	-206
Montana	4,805	3,824	21,308	3,207	4,106	88	-453
Nebraska	2,733	2,628	-2,767	2,339	1,763	66	-1,442
New Mexico	1,919	3,002	8,426	-164	2,650	-1,795	-602
New York	14,291	17,921	-889	9,939	3,382	-2,085	-7,373
Ohio	35,259	56,653	13,269	39,653	11,570	-7,245	-26,300
Oklahoma	24,172	30,996	-14,535	18,294	17,378	-7,313	-14,976
Oregon	1,126	1,262	100	1,103	731	-487	-575
Pennsylvania	77,166	109,191	-650	51,602	6,445	-15,361	-51,998
Texas	37,982	52,426	10,658	16,958	13,647	-6,934	-18,214
Utah	7,093	4,357	-7,271	4,630	5,578	-5,080	-4,963
Washington	4,473	1,602	-1,915	-1,639	3,528	1,639	-1,881
West Virginia	32,671	55,735	-8,614	29,010	10,806	-7,369	-20,560
Wyoming	2,702	627	1,221	2,856	1,829	-1,035	-1,334
Total	494,427	723,696	-42,674	438,597	196,712	-153,428	-352,704

See footnotes at end of table.

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

State	1993					
	August	July	June	May	April	March
Arkansas	61	56	36	865	259	991
California	-9,857	-21,057	-13,004	-26,027	-14,332	-6,099
Colorado	-5,066	-4,335	-5,276	-2,860	3,979	4,322
Illinois	-36,393	-33,084	-35,244	-35,988	-2,013	28,317
Indiana	-4,412	-4,346	-2,094	-1,247	-390	2,557
Iowa	-10,142	-10,550	-7,776	-6,482	-5,197	2,692
Kansas	-8,480	-5,301	-11,578	-23,351	-3,008	5,193
Kentucky	-4,866	-7,627	-7,919	-6,525	793	10,031
Louisiana	-23,797	-24,018	-30,354	-32,284	-2,835	19,889
Maryland	-1,646	-1,074	-1,119	-2,168	613	2,455
Michigan	-80,825	-83,481	-83,810	-73,928	-20,104	65,333
Minnesota	-134	-426	-358	-331	41	417
Mississippi	-3,295	-5,330	-4,628	-7,032	-2,656	5,644
Missouri	-317	-102	-451	-1,049	-1,551	1,085
Montana	-302	-1,169	685	1,157	1,710	2,759
Nebraska	-1,740	-2,407	-4,020	-2,779	-909	1,018
New Mexico	2,300	-285	-1,235	-2,710	2,902	781
New York	-8,284	-10,108	-10,768	-10,916	-3,979	10,253
Ohio	-27,642	-29,821	-32,498	-30,319	-3,716	37,556
Oklahoma	-10,830	-15,116	-19,631	-21,410	-14,656	8,195
Oregon	-1,036	-1,175	-1,291	-1,636	426	728
Pennsylvania	-43,202	-50,022	-56,391	-60,221	-18,524	58,930
Texas	-12,286	-9,450	-8,069	-27,373	-19,293	12,043
Utah	-5,012	-5,028	-6,453	-6,499	1,016	3,651
Washington	-597	-2,036	-825	-4,292	-956	-1,181
West Virginia	-18,915	-20,466	-27,877	-39,451	-6,019	25,933
Wyoming	-1,866	-2,413	-2,416	-1,198	-611	438
Total	-318,579	-350,169	-374,365	-426,054	-109,009	303,931

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

Source: Form EIA-191.

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

State	Total Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
		Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Arkansas	38,347	14,578	1,883	16,460	1168	163.4	0	539
California	472,909	247,419	117,650	365,068	41487	54.5	3,747	11,689
Colorado	105,029	48,099	16,495	64,594	-103	-0.6	1,811	6,762
Illinois	905,260	623,587	97,724	721,311	-805	-0.8	3,102	27,256
Indiana	113,121	73,922	19,542	93,464	1440	8.0	785	3,309
Iowa	270,200	200,564	7,447	208,011	-2062	-21.7	188	4,658
Kansas	289,448	190,411	38,007	228,418	-1790	-4.5	6,379	17,096
Kentucky	208,751	105,433	56,794	162,227	8800	18.3	2,867	7,394
Louisiana	549,437	266,643	97,689	364,332	17633	22.0	18,058	26,729
Maryland	62,000	46,677	6,616	53,293	3166	91.8	1,435	1,540
Michigan	1,047,314	421,137	249,070	670,207	86350	53.1	4,423	56,488
Minnesota	7,000	4,623	1,037	5,660	-7	-0.7	0	257
Mississippi	124,115	75,551	23,018	98,569	2283	11.0	5,567	9,618
Missouri	30,564	21,600	7,879	29,479	1085	16.0	610	652
Montana	375,010	167,491	67,929	235,420	-3353	-4.7	966	1,655
Nebraska	93,312	78,757	4,138	82,895	3253	367.3	490	1,420
New Mexico	94,600	29,766	8,025	37,790	4436	123.6	2,065	1,628
New York	173,463	102,885	27,116	130,001	9249	51.8	1,940	7,935
Ohio	620,544	356,210	34,872	391,082	29611	562.8	1,764	21,548
Oklahoma	364,593	224,523	62,780	287,303	29999	91.5	4,569	14,442
Oregon	11,623	4,896	2,989	7,885	-83	-2.7	0	440
Pennsylvania	654,570	357,538	111,986	469,524	36516	48.4	11,999	40,403
Texas	636,070	241,559	176,774	418,334	64829	57.9	18,235	25,212
Utah	122,499	66,592	17,735	84,327	8888	100.5	900	4,308
Washington	33,900	18,800	8,267	27,067	3503	73.5	1,671	1,924
West Virginia	466,090	309,677	43,199	352,876	22537	109.1	6,458	18,621
Wyoming	105,669	60,782	19,352	80,134	128	0.7	123	1,533
Total	7,975,439	4,359,721	1,326,013	5,685,735	368157	38.4	100,152	315,054

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

Source: Form EIA-191.

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

State	YTD 1995	YTD 1994	YTD 1993	1995		1994 Total
				February	January	
Alabama	17,681	21,306	16,299	9,275	8,406	49,679
Alaska	3,971	3,578	4,217	1,923	2,048	14,895
Arizona	10,086	6,598	9,624	4,567	5,519	25,425
Arkansas	14,861	16,693	15,262	7,073	7,788	41,517
California	142,402	139,520	153,580	60,420	81,982	520,814
Colorado	30,683	31,886	34,532	14,444	16,239	^a 98,971
Connecticut	12,627	15,871	14,127	6,526	6,101	41,908
Delaware	2,792	3,490	2,690	1,459	1,333	8,744
District of Columbia	5,385	6,534	5,591	2,880	2,505	16,365
Florida	4,594	5,077	3,746	2,405	2,190	14,641
Georgia	39,478	40,653	36,028	18,987	20,491	105,561
Hawaii	105	105	102	52	53	578
Idaho	4,134	3,841	4,223	1,760	2,375	12,244
Illinois	164,425	185,331	160,326	74,952	89,473	474,297
Indiana	55,511	63,589	53,903	27,129	28,382	^a 157,015
Iowa	26,829	31,693	28,143	12,234	14,595	79,818
Kansas	25,419	29,220	29,166	11,156	14,263	74,877
Kentucky	23,305	25,837	22,288	10,900	12,404	62,028
Louisiana	18,408	21,591	16,979	8,834	9,574	54,026
Maine	269	306	297	139	130	894
Maryland	25,580	29,802	24,822	13,226	12,354	77,400
Massachusetts	33,062	43,702	37,819	17,311	15,751	121,608
Michigan	116,409	139,172	117,083	58,925	57,484	366,712
Minnesota	40,963	50,587	41,060	19,857	^a 21,106	127,769
Mississippi	9,801	11,423	8,862	4,886	4,915	27,249
Missouri	45,620	60,551	45,977	22,259	23,361	^a 133,639
Montana	5,456	5,653	6,166	2,392	3,064	18,765
Nebraska	15,010	17,058	15,144	6,972	8,038	44,501
Nevada	7,029	6,928	7,049	3,102	3,927	21,263
New Hampshire	2,037	2,480	2,129	1,024	1,013	6,572
New Jersey	66,421	80,973	63,329	34,811	31,610	208,223
New Mexico	9,107	9,603	10,152	3,885	5,223	30,924
New York	117,951	140,987	120,529	61,008	56,942	389,531
North Carolina	18,865	20,697	16,519	9,717	9,148	47,747
North Dakota	3,508	4,061	3,581	1,704	1,803	10,661
Ohio	118,648	133,270	114,761	58,727	59,921	345,580
Oklahoma	24,161	27,598	27,024	11,369	12,792	70,740
Oregon	8,777	9,067	10,358	3,658	5,119	28,802
Pennsylvania	84,845	103,334	86,988	44,259	40,586	269,192
Rhode Island	5,350	6,479	6,417	2,811	2,539	17,795
South Carolina	10,022	10,958	8,567	5,115	4,907	23,469
South Dakota	NA	4,520	4,075	NA	2,027	12,156
Tennessee	23,531	25,435	19,593	11,869	11,661	57,106
Texas	66,646	79,741	76,304	29,570	37,076	213,608
Utah	13,777	14,580	16,963	6,009	7,769	48,922
Vermont	724	934	858	372	352	2,438
Virginia	24,067	26,654	22,468	12,579	11,489	65,899
Washington	16,060	15,728	17,011	7,035	9,026	53,165
West Virginia	12,194	14,889	11,180	6,488	5,706	36,296
Wisconsin	44,847	49,076	41,568	21,729	23,118	130,418
Wyoming	NA	3,683	3,939	1,568	NA	11,706
Total	1,580,867	1,802,342	1,599,421	763,177	^a817,690	^a4,874,152

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Residential Consumers, by State, 1993-1995

(Million Cubic Feet) — Continued

State	1994					
	December	November	October	September	August	July
Alabama	5,033	2,601	1,495	1,325	1,323	1,361
Alaska	2,195	1,497	1,042	567	416	491
Arizona	4,860	2,020	1,051	849	804	897
Arkansas	5,142	2,723	1,423	1,107	959	1,068
California	76,824	56,453	25,954	21,943	23,614	24,535
Colorado	13,860	7,978	^a 4,044	2,458	2,396	2,566
Connecticut	4,593	2,524	1,690	1,045	928	1,029
Delaware	888	469	265	184	163	182
District of Columbia	1,801	957	564	416	401	441
Florida	1,323	877	752	753	704	730
Georgia	15,891	9,463	5,396	2,921	3,153	3,012
Hawaii	50	47	43	45	42	46
Idaho	2,233	1,451	582	272	211	297
Illinois	65,112	42,490	24,153	11,798	10,255	10,286
Indiana	^a 20,000	^a 12,156	7,231	3,715	3,069	2,831
Iowa	11,722	6,826	2,918	1,822	1,544	1,487
Kansas	10,753	6,377	3,680	1,646	1,680	1,791
Kentucky	9,101	5,167	2,797	1,289	1,202	1,168
Louisiana	6,066	3,045	2,187	1,920	1,751	1,962
Maine	117	78	51	30	22	23
Maryland	9,401	5,475	3,387	2,184	1,921	2,051
Massachusetts	13,593	8,235	5,466	3,330	3,135	3,297
Michigan	44,974	27,503	16,820	8,574	7,582	7,399
Minnesota	18,111	10,852	5,676	2,924	2,581	2,589
Mississippi	3,117	1,551	926	839	789	850
Missouri	^a 16,057	^a 8,002	^a 3,724	^a 2,991	^a 2,511	^a 2,891
Montana	2,994	2,120	1,187	537	397	462
Nebraska	6,091	3,176	1,527	1,040	937	1,016
Nevada	3,855	1,751	829	632	587	669
New Hampshire	762	419	275	170	126	136
New Jersey	25,358	14,090	9,509	5,638	5,068	5,095
New Mexico	5,093	4,031	2,177	874	807	911
New York	43,961	27,374	17,231	10,226	9,615	10,471
North Carolina	6,068	3,678	1,578	908	811	872
North Dakota	1,446	807	385	235	183	220
Ohio	43,745	26,200	16,883	7,152	6,661	7,201
Oklahoma	9,620	4,389	2,211	1,703	1,566	1,723
Oregon	5,112	3,242	1,145	636	610	749
Pennsylvania	32,151	18,974	12,699	6,197	5,478	5,556
Rhode Island	1,922	1,085	754	437	431	449
South Carolina	3,088	1,589	734	444	429	438
South Dakota	1,809	1,107	507	277	261	182
Tennessee	7,454	3,558	1,662	1,142	1,077	1,129
Texas	27,303	15,770	9,248	7,507	7,181	7,509
Utah	8,059	6,969	3,845	1,457	1,306	1,369
Vermont	277	134	93	54	45	48
Virginia	8,639	4,685	3,362	1,444	1,392	1,386
Washington	9,137	6,174	2,559	1,263	1,040	1,461
West Virginia	4,397	2,456	1,507	788	626	539
Wisconsin	17,812	11,273	6,293	3,235	2,882	2,861
Wyoming	1,711	1,224	670	337	260	279
Total	^a 640,617	^a 393,095	^a 222,187	^a 131,279	^a 122,931	^a 128,015

See footnotes at end of table.

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

State	1994					
	June	May	April	March	February	January
Alabama	1,541	2,207	4,556	6,933	10,650	10,656
Alaska	651	1,026	1,480	1,952	1,763	1,815
Arizona	1,114	1,441	2,137	3,652	946	5,652
Arkansas	1,190	1,799	3,756	5,657	7,972	8,721
California	26,987	37,213	35,306	52,465	66,956	72,563
Colorado	3,501	6,871	9,807	13,604	15,509	16,377
Connecticut	1,408	2,178	4,068	6,576	8,018	7,852
Delaware	287	406	898	1,513	1,876	1,614
District of Columbia	544	748	1,446	2,514	3,113	3,422
Florida	788	862	1,218	1,557	2,193	2,884
Georgia	3,276	4,440	5,304	12,053	16,758	23,895
Hawaii	49	48	51	52	53	53
Idaho	366	566	998	1,427	1,919	1,922
Illinois	11,763	20,802	34,560	57,745	81,162	104,169
Indiana	3,654	7,170	12,883	20,717	28,192	35,398
Iowa	1,904	3,792	6,498	9,610	14,702	16,991
Kansas	1,948	3,157	5,866	8,758	13,421	15,799
Kentucky	1,250	2,296	3,571	8,349	10,475	15,362
Louisiana	2,077	2,545	4,138	6,744	9,602	11,989
Maine	32	49	69	116	135	171
Maryland	2,603	3,766	5,960	10,851	14,177	15,625
Massachusetts	4,573	6,596	11,474	18,208	22,287	21,416
Michigan	9,969	20,337	33,564	50,818	65,806	73,366
Minnesota	2,977	5,296	10,861	15,315	23,128	27,459
Mississippi	889	1,095	2,267	3,502	5,223	6,200
Missouri	^a 3,351	^a 5,880	^a 10,996	^a 16,685	^a 32,012	28,539
Montana	615	1,008	1,605	2,186	2,923	2,730
Nebraska	1,182	2,334	4,029	6,112	8,582	8,475
Nevada	883	1,151	1,474	2,505	3,331	3,597
New Hampshire	222	391	665	925	1,186	1,294
New Jersey	6,109	8,685	17,285	30,414	38,946	42,027
New Mexico	959	1,072	2,065	3,332	4,770	4,833
New York	13,485	21,928	36,274	57,980	69,546	71,440
North Carolina	1,213	1,715	3,543	6,665	9,546	11,151
North Dakota	263	582	1,031	1,448	2,019	2,042
Ohio	9,652	18,362	29,132	47,324	59,842	73,428
Oklahoma	2,058	3,719	6,049	10,102	13,747	13,851
Oregon	1,084	1,413	2,391	3,354	4,366	4,700
Pennsylvania	8,256	13,547	22,963	40,036	48,102	55,232
Rhode Island	617	1,124	1,738	2,757	3,346	3,133
South Carolina	528	713	1,525	3,022	4,965	5,993
South Dakota	272	608	1,042	1,571	2,267	2,252
Tennessee	1,345	1,987	4,590	7,727	11,653	13,782
Texas	8,325	10,174	15,305	25,545	37,096	42,645
Utah	1,404	1,577	3,524	4,831	7,329	7,251
Vermont	84	139	261	369	456	478
Virginia	1,857	2,634	4,504	9,343	12,160	14,493
Washington	1,961	2,649	4,521	6,673	7,819	7,909
West Virginia	923	1,836	3,273	5,123	6,327	8,563
Wisconsin	3,072	5,863	11,128	16,923	22,827	26,249
Wyoming	356	660	1,135	1,388	1,812	1,872
Total	^a 155,419	^a 248,457	^a 394,785	^a 635,026	^a 843,013	959,329

See footnotes at end of table.

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

State	1993					
	Total	December	November	October	September	August
Alabama	51,366	6,727	3,853	1,526	1,330	1,328
Alaska	13,858	1,772	1,261	1,043	513	402
Arizona	28,161	4,566	1,847	988	854	801
Arkansas	45,545	6,182	4,024	1,575	1,103	1,017
California	500,968	70,513	39,240	25,932	23,934	22,749
Colorado	106,187	14,527	8,984	4,451	3,027	2,391
Connecticut	42,213	5,101	3,922	2,317	1,128	1,059
Delaware	8,295	974	609	289	185	167
District of Columbia	16,589	2,134	1,115	588	427	419
Florida	14,837	1,708	1,071	751	712	658
Georgia	115,655	20,533	11,585	6,147	2,903	2,939
Hawaii	558	47	46	42	42	41
Idaho	12,557	2,057	1,159	481	310	251
Illinois	495,311	75,134	51,226	31,937	15,193	9,728
Indiana	163,944	24,391	16,628	9,497	4,022	3,096
Iowa	83,288	11,716	8,659	4,587	2,133	1,513
Kansas	84,896	11,571	6,796	2,677	1,800	1,680
Kentucky	66,909	11,510	7,612	3,858	1,410	1,137
Louisiana	56,609	7,896	5,120	2,112	1,888	1,836
Maine	901	129	88	62	27	22
Maryland	76,871	10,778	6,842	3,629	2,140	1,921
Massachusetts	121,228	14,355	10,175	5,839	3,280	3,084
Michigan	369,801	50,690	34,389	22,363	10,020	7,199
Minnesota	123,401	18,169	12,508	7,022	3,548	2,397
Mississippi	28,347	3,832	2,518	933	815	788
Missouri	134,172	18,644	11,929	4,774	3,096	2,487
Montana	20,360	2,961	2,236	1,172	741	530
Nebraska	48,256	6,820	4,336	1,998	1,217	999
Nevada	20,683	3,261	1,492	804	651	612
New Hampshire	6,493	790	528	328	155	124
New Jersey	195,569	26,505	17,162	9,600	5,149	4,483
New Mexico	31,843	5,803	4,358	2,000	929	849
New York	384,216	49,569	33,567	18,990	9,719	9,069
North Carolina	47,104	6,733	3,918	1,459	815	761
North Dakota	10,717	1,457	964	505	271	210
Ohio	354,110	51,423	34,956	20,454	7,996	6,549
Oklahoma	78,360	10,675	6,783	2,317	1,729	1,612
Oregon	29,777	4,896	2,336	959	698	672
Pennsylvania	268,996	37,429	24,357	15,261	6,754	5,688
Rhode Island	19,722	2,023	1,510	975	487	472
South Carolina	24,345	3,652	2,030	630	391	377
South Dakota	12,431	1,768	1,261	641	363	236
Tennessee	58,919	9,003	5,774	1,839	1,111	1,011
Texas	231,799	33,110	24,155	11,527	7,270	7,451
Utah	51,779	7,619	4,676	2,322	1,449	1,353
Vermont	2,530	285	189	127	51	45
Virginia	65,472	10,007	5,569	2,695	1,435	1,412
Washington	53,258	8,309	4,650	2,169	1,376	1,243
West Virginia	35,208	5,072	3,347	1,818	740	620
Wisconsin	130,134	18,564	13,043	7,884	3,900	2,586
Wyoming	12,661	1,731	1,181	641	380	292
Total	4,957,208	705,118	457,381	254,532	141,620	120,369

^R = Revised Data.

NA = Not Available.

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

Source: Form EIA-857.

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

State	YTD 1995	YTD 1994	YTD 1993	1995		1994 Total
				February	January	
Alabama	7,597	8,533	7,132	3,937	3,660	25,467
Alaska	5,127	4,523	4,958	2,727	2,400	20,698
Arizona	6,832	4,730	6,387	3,187	3,645	26,788
Arkansas	8,792	9,895	8,931	4,288	4,504	27,653
California	56,949	56,919	58,546	25,721	31,228	^a 263,734
Colorado	18,861	20,019	21,911	9,225	9,636	^a 65,711
Connecticut	10,084	11,741	9,661	5,239	4,845	39,043
Delaware	1,725	2,044	1,557	915	811	5,521
District of Columbia	4,867	4,299	4,790	2,585	2,282	15,165
Florida	8,558	8,568	8,074	4,322	4,236	39,846
Georgia	16,332	17,030	15,544	8,224	8,108	53,589
Hawaii	381	371	375	180	200	2,200
Idaho	3,075	2,959	3,479	1,320	1,755	10,091
Illinois	64,929	71,945	62,856	30,561	34,368	197,724
Indiana	26,508	29,826	25,083	13,077	13,431	^a 82,897
Iowa	17,382	17,933	16,455	7,098	10,284	48,874
Kansas	15,247	15,418	16,153	7,132	8,114	^a 53,301
Kentucky	12,680	14,233	11,741	6,213	6,466	36,903
Louisiana	6,452	7,492	6,469	3,216	3,237	24,272
Maine	723	822	720	373	350	2,381
Maryland	14,556	14,610	12,847	7,819	6,737	44,518
Massachusetts	22,689	27,799	17,675	11,917	10,772	113,835
Michigan	56,136	66,323	55,552	28,543	27,593	187,898
Minnesota	28,008	30,602	27,559	13,176	^a 14,832	86,080
Mississippi	6,021	6,843	5,246	2,939	3,082	20,504
Missouri	22,063	30,541	22,529	10,780	11,283	^a 71,864
Montana	3,649	3,788	4,172	1,580	2,070	13,002
Nebraska	NA	10,843	9,586	4,826	NA	39,038
Nevada	4,700	4,611	4,387	2,144	2,556	18,587
New Hampshire	1,979	2,358	1,966	999	979	6,412
New Jersey	39,611	45,128	37,135	20,433	19,178	^a 135,994
New Mexico	6,511	6,868	7,150	2,483	4,029	27,772
New York	58,728	64,036	58,602	29,859	28,869	224,999
North Carolina	12,092	13,026	11,433	6,144	5,948	37,036
North Dakota	3,452	3,833	3,390	1,654	1,798	10,785
Ohio	57,637	62,941	51,951	29,568	28,069	166,920
Oklahoma	12,155	13,949	13,259	5,887	6,267	38,637
Oregon	6,230	6,537	7,521	2,686	3,544	22,881
Pennsylvania	41,653	46,618	40,634	21,119	20,534	138,059
Rhode Island	3,445	4,007	2,499	1,835	1,610	12,400
South Carolina	5,319	5,478	4,423	2,671	2,648	18,480
South Dakota	NA	3,440	3,345	NA	1,624	10,289
Tennessee	17,136	18,025	14,824	8,608	8,528	51,298
Texas	35,622	46,596	39,948	16,815	18,807	^a 189,665
Utah	7,589	7,820	7,616	3,333	4,255	26,615
Vermont	793	913	715	406	388	2,616
Virginia	16,053	15,511	15,232	8,079	7,974	51,840
Washington	11,809	11,167	12,757	5,324	6,485	43,343
West Virginia	7,301	8,591	6,646	3,770	3,531	26,971
Wisconsin	26,346	27,663	24,315	12,991	13,355	81,864
Wyoming	NA	2,793	3,010	1,253	NA	9,285
Total	838,408	922,556	818,744	410,672	^a427,736	^a2,971,345

See footnotes at end of table.

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

State	1994					
	December	November	October	September	August	July
Alabama	2,443	1,678	1,358	1,330	1,165	1,108
Alaska	2,702	1,937	1,508	1,105	919	981
Arizona	3,506	2,306	1,727	1,631	1,701	1,796
Arkansas	3,153	1,910	1,285	1,261	896	999
California	25,610	^a 25,192	^a 17,978	^a 14,732	14,177	^a 26,028
Colorado	8,526	5,028	^a 3,176	2,244	2,225	2,296
Connecticut	4,152	2,923	2,130	1,525	1,773	1,830
Delaware	560	348	223	174	158	159
District of Columbia	1,701	1,108	803	757	711	771
Florida	3,506	3,087	2,812	2,890	2,904	2,851
Georgia	6,213	4,335	3,303	2,478	2,693	2,487
Hawaii	185	189	177	184	178	177
Idaho	1,653	1,095	570	395	305	373
Illinois	24,933	18,209	11,474	6,589	6,278	5,851
Indiana	^a 9,812	^a 10,055	4,152	2,454	2,307	2,006
Iowa	6,619	4,653	2,393	1,531	1,322	1,189
Kansas	6,894	3,655	^a 2,394	2,439	3,890	3,661
Kentucky	4,746	2,964	1,939	1,193	1,026	1,125
Louisiana	2,294	1,630	1,346	1,277	1,280	1,335
Maine	309	207	135	84	71	63
Maryland	5,500	3,615	2,554	2,035	1,602	1,748
Massachusetts	8,641	9,437	10,646	7,302	7,141	7,332
Michigan	22,179	14,902	9,058	5,910	5,557	5,543
Minnesota	12,174	8,056	4,699	2,686	2,357	2,124
Mississippi	2,141	1,389	1,127	1,061	1,036	1,045
Missouri	^a 8,293	^a 4,468	^a 2,532	^a 2,275	^a 2,037	^a 2,046
Montana	2,042	1,450	862	424	349	363
Nebraska	4,401	2,909	2,255	1,804	3,540	2,467
Nevada	2,578	1,532	1,138	972	903	989
New Hampshire	743	442	305	206	166	173
New Jersey	^a 15,291	^a 9,248	7,592	5,512	4,961	4,748
New Mexico	3,558	3,058	2,143	1,363	1,755	1,338
New York	24,269	16,839	12,438	10,031	10,513	11,182
North Carolina	4,248	2,633	1,996	1,727	1,548	1,394
North Dakota	1,190	1,242	530	315	288	284
Ohio	20,909	12,607	7,338	4,496	4,291	4,030
Oklahoma	4,727	2,367	1,610	1,518	1,386	1,502
Oregon	3,546	2,394	1,210	922	799	863
Pennsylvania	15,743	10,992	8,197	4,765	4,356	4,075
Rhode Island	1,375	1,039	586	395	616	353
South Carolina	1,897	1,411	1,130	983	985	946
South Dakota	1,469	947	532	330	323	239
Tennessee	5,896	3,545	2,612	2,029	2,284	2,086
Texas	15,980	^a 14,455	^a 12,425	^a 9,860	^a 14,516	^a 13,224
Utah	4,308	3,562	1,894	887	791	825
Vermont	328	183	141	86	68	63
Virginia	6,306	4,536	2,821	2,225	2,225	2,070
Washington	6,529	4,522	2,627	1,744	1,618	1,939
West Virginia	2,842	1,924	1,666	1,382	1,201	1,179
Wisconsin	12,870	7,426	3,981	2,449	2,176	1,868
Wyoming	1,282	922	553	307	268	290
Total	^a 342,775	^a 246,563	^a 170,082	^a 124,274	^a 127,636	^a 135,417

See footnotes at end of table.

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

State	1994					
	June	May	April	March	February	January
Alabama	1,198	1,453	2,122	3,081	4,306	4,227
Alaska	1,161	1,489	1,868	2,504	2,156	2,367
Arizona	1,899	2,069	2,379	3,044	1,023	3,706
Arkansas	1,122	1,379	2,327	3,426	4,743	5,152
California	^a 18,301	^a 22,813	^a 18,646	^a 23,338	^a 27,352	^a 29,567
Colorado	2,783	4,634	6,378	8,401	9,756	10,263
Connecticut	1,950	2,355	3,390	5,275	5,853	5,888
Delaware	211	262	516	866	1,088	956
District of Columbia	839	1,009	1,637	1,530	1,923	2,376
Florida	2,932	3,077	3,369	3,851	3,946	4,621
Georgia	2,479	3,311	3,462	5,798	7,626	9,404
Hawaii	184	181	185	189	176	195
Idaho	376	478	769	1,118	1,453	1,505
Illinois	6,198	7,746	14,490	24,010	32,504	39,440
Indiana	2,302	3,520	6,222	10,241	13,810	16,015
Iowa	1,524	2,302	3,799	5,610	8,406	9,527
Kansas	3,002	2,923	3,906	5,119	7,018	8,400
Kentucky	1,113	1,455	2,358	4,753	6,027	8,205
Louisiana	1,349	1,498	2,029	2,743	3,574	3,918
Maine	79	128	181	302	364	458
Maryland	1,725	2,571	2,871	5,686	6,413	8,197
Massachusetts	6,767	6,515	7,551	14,703	14,191	13,608
Michigan	6,414	10,408	16,752	24,851	32,107	34,216
Minnesota	2,434	3,550	7,106	10,292	13,936	16,666
Mississippi	995	1,051	1,542	2,273	3,178	3,665
Missouri	^a 2,403	^a 3,185	^a 5,574	^a 8,511	^a 16,737	13,804
Montana	453	701	1,102	1,468	1,940	1,848
Nebraska	2,210	1,873	2,696	4,041	5,414	5,430
Nevada	1,130	1,294	1,450	1,991	2,275	2,337
New Hampshire	229	347	581	863	1,097	1,261
New Jersey	5,260	6,536	12,546	19,171	22,594	22,534
New Mexico	1,338	1,518	2,038	2,795	3,383	3,485
New York	11,237	13,677	21,277	29,499	32,892	31,144
North Carolina	1,505	1,724	2,575	4,659	6,063	6,963
North Dakota	302	527	933	1,340	1,814	2,019
Ohio	5,116	7,941	14,513	22,737	29,332	33,609
Oklahoma	1,499	1,995	3,130	4,953	6,928	7,021
Oregon	1,075	1,230	1,831	2,474	3,158	3,379
Pennsylvania	4,853	7,076	11,668	19,713	21,558	25,060
Rhode Island	558	673	1,124	1,674	2,032	1,975
South Carolina	1,387	1,062	1,235	1,968	2,547	2,931
South Dakota	348	525	848	1,287	1,698	1,741
Tennessee	2,137	2,676	3,996	6,014	8,193	9,832
Texas	^a 14,715	^a 13,674	^a 15,375	^a 18,845	^a 22,969	^a 23,627
Utah	833	967	2,049	2,680	3,869	3,951
Vermont	88	147	263	335	446	467
Virginia	2,440	2,880	4,382	6,444	7,061	8,451
Washington	2,216	2,593	3,492	4,895	5,496	5,671
West Virginia	1,162	1,832	2,004	3,188	3,626	4,965
Wisconsin	2,762	3,818	6,756	10,096	12,906	14,756
Wyoming	366	547	879	1,076	1,422	1,371
Total	^a 136,958	^a 169,190	^a 240,172	^a 355,722	^a 440,381	^a 482,175

See footnotes at end of table.

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

State	1993					
	Total	December	November	October	September	August
Alabama	25,727	3,037	2,073	1,259	1,111	1,071
Alaska	20,003	2,301	1,785	1,563	1,112	957
Arizona	27,612	3,377	2,103	1,553	1,523	1,603
Arkansas	28,998	3,473	2,480	1,389	1,126	1,047
California	250,537	28,328	20,425	19,727	16,861	14,362
Colorado	71,665	9,380	6,081	3,108	3,013	2,357
Connecticut	31,428	3,525	2,896	1,789	1,121	1,070
Delaware	5,195	666	412	229	155	155
District of Columbia	16,229	1,909	1,040	841	684	703
Florida	41,387	3,754	3,355	3,000	2,904	2,846
Georgia	57,529	7,716	5,214	3,312	2,440	2,481
Hawaii	2,123	172	183	173	168	170
Idaho	10,675	1,543	947	507	381	360
Illinois	203,169	28,077	22,148	13,064	7,362	5,644
Indiana	78,101	11,401	8,387	4,562	2,444	1,839
Iowa	50,300	6,631	5,690	2,867	1,636	1,214
Kansas	56,024	6,565	4,413	2,469	2,395	3,324
Kentucky	37,819	5,432	3,997	2,417	1,220	1,060
Louisiana	25,164	2,764	2,092	1,346	1,290	1,278
Maine	2,311	316	224	166	77	67
Maryland	43,654	5,898	3,899	2,232	1,701	1,568
Massachusetts	65,430	7,097	5,622	3,878	2,766	2,802
Michigan	180,240	23,825	16,875	10,193	5,767	4,140
Minnesota	86,630	12,204	9,104	5,614	2,952	2,207
Mississippi	19,199	2,298	1,710	985	843	864
Missouri	69,670	9,124	5,974	2,864	2,222	1,959
Montana	13,884	1,996	1,508	820	535	416
Nebraska	34,728	4,260	3,494	2,163	1,333	1,827
Nevada	17,571	2,193	1,423	1,049	910	940
New Hampshire	6,142	770	522	332	186	171
New Jersey	128,942	15,142	11,240	6,712	5,149	3,819
New Mexico	27,914	4,021	3,199	1,704	1,713	1,391
New York	220,749	26,911	18,206	13,971	9,973	10,503
North Carolina	37,371	3,291	3,379	2,067	1,674	1,539
North Dakota	10,651	1,471	1,069	629	381	294
Ohio	164,088	23,034	14,983	9,638	4,493	3,860
Oklahoma	40,874	5,234	3,433	1,548	1,348	1,435
Oregon	24,054	3,551	1,919	1,099	934	840
Pennsylvania	131,779	17,829	12,189	7,438	4,327	3,718
Rhode Island	9,206	1,323	1,009	503	243	364
South Carolina	17,093	2,070	1,463	974	846	867
South Dakota	10,703	1,423	1,084	632	393	291
Tennessee	50,758	6,466	4,648	2,565	1,992	1,811
Texas	176,061	18,540	14,829	10,821	9,665	12,714
Utah	22,621	3,408	2,026	947	607	595
Vermont	2,382	324	235	143	83	67
Virginia	52,881	6,876	4,356	3,073	2,106	2,033
Washington	43,720	5,931	3,648	2,241	1,833	1,754
West Virginia	24,384	3,286	2,404	1,510	984	914
Wisconsin	77,108	10,938	7,979	4,638	2,327	1,720
Wyoming	10,279	1,397	875	668	379	390
Total	2,862,760	362,494	260,252	168,992	119,689	111,421

^R = Revised Data.

NA = Not Available.

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

Source: Form EIA-857.

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

State	YTD 1995	YTD 1994	YTD 1993	1995		1994
				February	January	Total
Alabama	32,838	28,575	32,649	16,033	16,805	176,830
Alaska	11,512	10,335	14,063	4,957	6,555	^a 63,904
Arizona	4,210	3,521	3,278	2,120	2,091	25,390
Arkansas	24,363	23,287	21,231	11,542	12,821	134,643
California	115,777	107,720	100,974	58,335	^a 57,442	^a 662,244
Colorado	15,995	16,452	12,665	7,980	8,015	^a 79,453
Connecticut	5,646	5,430	7,424	2,961	2,685	31,050
Delaware	2,761	2,317	3,292	1,309	1,452	17,146
District of Columbia	0	0	0	0	0	0
Florida	22,313	19,172	16,191	10,574	11,739	121,119
Georgia	28,752	24,992	28,139	13,036	15,716	174,134
Hawaii	0	0	0	0	0	0
Idaho ^a	6,277	5,145	5,433	2,938	3,339	30,402
Illinois	66,110	71,314	66,086	32,670	33,440	317,663
Indiana	59,248	52,602	50,346	25,897	33,351	^a 264,747
Iowa	18,346	18,019	18,174	9,621	8,725	108,254
Kansas	32,547	25,371	25,951	13,132	19,415	^a 177,064
Kentucky	19,146	16,532	14,394	9,512	9,634	85,162
Louisiana	176,556	169,129	161,677	83,463	^a 93,094	976,956
Maine	273	292	278	137	136	1,771
Maryland	6,929	5,039	8,472	3,542	3,387	47,836
Massachusetts	19,063	16,207	12,530	9,502	^a 9,561	98,235
Michigan	62,082	64,689	59,958	30,640	^a 31,442	324,353
Minnesota	21,440	18,284	19,374	9,732	^a 11,708	102,631
Mississippi	15,017	19,188	16,890	7,131	7,886	^a 97,655
Missouri	18,069	15,551	12,695	8,817	9,252	^a 71,481
Montana	2,792	2,457	2,310	1,268	1,524	13,948
Nebraska	6,864	5,905	4,340	3,229	3,635	33,727
Nevada	4,731	4,423	2,975	2,155	^a 2,576	29,327
New Hampshire	595	648	602	281	314	4,544
New Jersey	37,690	30,265	34,725	18,601	^a 19,089	^a 195,616
New Mexico	5,037	2,970	2,636	1,583	3,454	18,762
New York	51,130	34,812	31,122	25,858	^a 25,272	^a 184,906
North Carolina	17,685	13,816	15,875	8,359	9,326	100,262
North Dakota	1,253	1,192	1,204	625	628	5,947
Ohio	67,417	63,252	58,845	34,062	33,355	306,543
Oklahoma	36,427	40,519	31,099	15,263	21,164	202,943
Oregon	11,664	10,249	10,242	5,550	6,113	62,534
Pennsylvania	47,495	42,542	46,722	23,032	24,462	234,302
Rhode Island	5,581	6,690	7,481	2,613	^a 2,968	40,591
South Carolina	13,910	13,051	15,627	6,942	6,968	101,318
South Dakota	NA	1,054	989	NA	587	5,508
Tennessee	22,315	20,674	23,592	10,828	11,488	^a 113,039
Texas	286,898	313,752	297,644	138,944	147,954	1,742,931
Utah	9,426	7,384	9,424	3,966	5,460	36,678
Vermont	391	310	402	181	210	2,123
Virginia	14,254	12,401	15,220	6,315	7,939	83,948
Washington	19,922	16,994	16,276	9,279	10,644	107,547
West Virginia	9,005	9,064	8,832	4,358	4,646	47,279
Wisconsin	32,576	31,549	29,395	15,794	16,783	143,178
Wyoming	NA	8,144	9,314	3,669	NA	46,168
Total	1,499,296	1,433,282	1,389,056	718,953	^a780,342	^a8,053,792

See footnotes at end of table.

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

State	1994					
	December	November	October	September	August	July
Alabama	16,384	15,177	15,151	14,853	14,910	14,352
Alaska	^a 6,330	5,910	6,239	5,314	5,827	5,555
Arizona	2,130	2,226	2,201	2,050	2,422	2,414
Arkansas	11,852	11,260	11,240	11,116	10,813	10,690
California	^a 52,415	^a 57,189	53,082	55,925	58,068	^a 60,003
Colorado	^a 8,601	^a 6,948	^a 6,150	5,002	^a 6,123	^a 5,751
Connecticut	2,781	2,784	2,638	2,467	2,781	2,210
Delaware	1,646	1,736	1,845	1,548	1,436	1,390
District of Columbia	0	0	0	0	0	0
Florida	11,841	10,712	10,593	10,285	10,511	10,251
Georgia	15,747	15,201	16,237	14,962	15,093	14,083
Hawaii	0	0	0	0	0	0
Idaho ^a	3,060	3,479	2,625	2,190	2,277	2,297
Illinois	36,148	25,813	23,836	20,932	20,764	19,285
Indiana	^a 25,012	^a 23,744	22,305	20,024	18,385	18,190
Iowa	9,572	9,648	10,360	8,947	8,506	8,002
Kansas	^a 16,162	^a 20,599	^a 16,411	12,665	13,054	12,705
Kentucky	8,239	7,829	7,439	6,353	6,257	5,755
Louisiana	87,148	81,676	86,621	84,441	84,896	81,493
Maine	155	187	169	148	149	121
Maryland	4,489	4,172	4,459	3,970	4,344	4,097
Massachusetts	8,407	9,039	8,967	8,212	8,060	8,026
Michigan	29,236	28,329	26,346	24,153	23,174	22,972
Minnesota	10,655	8,598	9,689	7,460	8,258	7,164
Mississippi	^a 7,720	^a 6,870	^a 6,881	^a 6,437	^a 6,455	^a 6,371
Missouri	^a 8,611	^a 7,656	^a 6,218	^a 5,462	^a 4,221	^a 4,102
Montana	1,550	1,340	1,356	1,062	1,043	902
Nebraska	3,403	3,008	2,384	2,571	2,537	2,636
Nevada	2,706	2,567	2,559	2,529	2,604	2,568
New Hampshire	355	474	456	383	407	334
New Jersey	^a 17,858	^a 14,767	^a 16,446	^a 16,330	^a 16,071	^a 15,936
New Mexico	1,560	1,781	1,848	1,610	1,553	1,477
New York	^a 18,966	16,767	15,318	13,132	13,769	11,339
North Carolina	8,913	9,306	9,588	8,571	8,729	7,557
North Dakota	657	508	478	469	371	339
Ohio	30,390	27,339	25,049	22,333	21,927	19,223
Oklahoma	17,668	16,570	16,919	15,040	16,505	15,758
Oregon	5,637	5,854	5,570	4,939	4,999	4,733
Pennsylvania	22,553	20,505	20,104	17,887	18,496	17,015
Rhode Island	3,454	3,659	3,369	2,496	3,714	3,592
South Carolina	9,360	9,636	10,417	8,625	8,569	7,546
South Dakota	614	641	493	387	370	309
Tennessee	^a 10,769	10,150	8,870	6,461	9,480	8,294
Texas	138,916	137,586	134,278	172,017	132,171	134,528
Utah	4,555	3,360	3,228	2,661	2,558	2,454
Vermont	211	180	184	201	158	143
Virginia	7,497	6,371	7,119	7,844	7,437	8,421
Washington	10,796	9,824	9,418	8,739	9,185	8,598
West Virginia	4,350	3,957	3,694	3,494	3,635	3,547
Wisconsin	11,747	13,018	11,433	9,993	9,849	8,947
Wyoming	4,387	3,972	5,575	3,622	2,533	3,194
Total	^a 723,214	^a 689,923	^a 673,858	^a 668,313	^a 635,448	^a 616,671

See footnotes at end of table.

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

State	1994					
	June	May	April	March	February	January
Alabama	14,145	13,822	14,313	15,147	13,632	14,944
Alaska	4,459	4,390	4,507	5,038	4,832	5,503
Arizona	2,277	2,329	1,956	1,865	1,392	2,129
Arkansas	10,659	10,038	10,468	13,219	9,872	13,415
California	59,297	49,015	57,051	^a 52,479	53,255	54,465
Colorado	4,814	^b 5,564	6,658	7,388	7,711	^a 7,741
Connecticut	2,286	2,227	2,462	2,984	2,417	3,013
Delaware	1,611	1,365	985	1,266	1,157	1,161
District of Columbia	0	0	0	0	0	0
Florida	9,877	8,714	9,332	9,832	9,151	10,021
Georgia	14,538	14,703	14,137	14,442	12,604	12,388
Hawaii	0	0	0	0	0	0
Idaho ^a	2,148	2,352	2,365	2,464	2,511	2,634
Illinois	21,429	22,668	24,893	30,580	33,921	37,393
Indiana	19,335	19,439	20,981	24,729	25,187	27,415
Iowa	8,473	8,505	8,907	9,315	8,408	9,612
Kansas	15,810	11,236	12,738	20,314	12,617	12,753
Kentucky	5,815	6,538	6,786	7,619	7,497	9,035
Louisiana	81,007	74,577	73,420	72,548	79,597	89,533
Maine	139	166	121	125	144	148
Maryland	3,944	3,735	4,390	5,196	2,396	2,644
Massachusetts	8,224	7,291	6,979	8,822	7,940	8,267
Michigan	23,243	25,035	26,907	30,267	32,167	32,523
Minnesota	7,449	7,984	8,749	8,341	8,281	10,002
Mississippi	^a 9,517	^a 10,910	^a 8,422	^a 8,884	^a 9,081	^a 10,107
Missouri	^a 4,136	^a 4,597	^a 4,802	^a 6,125	^a 8,606	6,945
Montana	1,029	1,054	1,072	1,082	1,152	1,306
Nebraska	2,607	2,415	3,013	3,248	2,831	3,075
Nevada	2,427	2,616	2,065	2,264	2,106	2,317
New Hampshire	364	369	336	420	299	349
New Jersey	^a 18,017	^a 16,244	^a 15,855	^a 17,827	^a 13,682	^a 16,583
New Mexico	1,309	1,559	1,483	1,610	1,392	1,579
New York	14,194	14,009	15,511	17,088	16,527	18,285
North Carolina	8,519	8,362	8,207	8,694	7,173	6,643
North Dakota	396	478	477	582	550	642
Ohio	20,706	22,707	23,917	29,700	30,601	32,651
Oklahoma	15,064	16,270	15,320	17,311	21,056	19,463
Oregon	4,963	5,095	5,278	5,216	4,934	5,315
Pennsylvania	17,353	17,275	19,205	21,368	20,109	22,434
Rhode Island	3,513	3,494	3,138	3,473	3,150	3,540
South Carolina	8,433	8,095	8,497	9,089	6,891	6,160
South Dakota	374	386	376	503	481	573
Tennessee	8,168	9,720	9,809	10,642	10,446	10,229
Texas	141,898	148,311	145,998	143,476	159,891	153,861
Utah	2,495	2,626	2,564	2,794	3,515	3,870
Vermont	153	156	166	261	160	151
Virginia	10,237	5,787	4,995	5,840	6,622	5,779
Washington	8,556	7,009	9,267	9,161	8,320	8,674
West Virginia	3,393	3,922	3,775	4,448	4,069	4,995
Wisconsin	9,110	10,311	11,751	15,470	15,134	16,415
Wyoming	3,348	3,525	4,028	3,840	3,960	4,183
Total	^a 641,259	^a 628,992	^a 648,432	^a 694,399	^a 699,422	^a 733,860

See footnotes at end of table.

Table 20. Natural Gas Deliveries to Industrial Consumers, by State, 1993-1995

(Million Cubic Feet) — Continued

State	1993					
	Total	December	November	October	September	August
Alabama	181,692	16,062	15,497	15,640	13,356	13,795
Alaska	75,795	6,716	6,834	5,354	7,055	4,921
Arizona	21,164	2,186	2,009	1,802	1,758	1,678
Arkansas	119,401	12,134	10,960	10,165	8,901	8,224
California	659,723	58,559	56,732	65,738	55,131	53,929
Colorado	69,024	6,060	5,770	5,136	5,531	5,147
Connecticut	36,842	3,231	3,321	3,296	2,549	2,565
Delaware	19,453	1,511	1,549	1,539	1,623	1,663
District of Columbia	0	0	0	0	0	0
Florida	100,705	9,819	8,893	8,623	8,118	8,103
Georgia	167,388	14,976	14,561	14,393	12,811	14,417
Hawaii	0	0	0	0	0	0
Idaho ^a	29,146	2,666	2,542	2,492	2,063	2,097
Illinois	305,014	30,365	27,911	25,276	20,867	17,793
Indiana	263,283	25,064	23,303	22,141	19,043	18,823
Iowa	102,592	9,348	9,910	9,019	8,324	8,120
Kansas	139,032	12,984	10,700	10,950	10,132	10,968
Kentucky	76,020	8,266	7,293	6,694	5,365	4,940
Louisiana	973,682	85,728	80,874	85,949	82,491	83,037
Maine	1,753	159	186	187	143	141
Maryland	48,842	4,094	4,990	4,616	3,575	3,861
Massachusetts	94,658	10,565	10,157	10,131	9,599	9,577
Michigan	312,050	28,948	26,584	24,233	21,678	22,627
Minnesota	97,771	9,323	8,356	8,866	6,920	6,672
Mississippi	100,166	9,618	8,507	8,409	7,335	7,685
Missouri	60,982	5,944	5,642	4,938	4,240	4,082
Montana	12,690	1,267	1,243	1,181	1,063	937
Nebraska	38,677	4,234	3,913	3,301	3,429	2,711
Nevada	24,734	2,271	2,180	2,091	2,223	2,195
New Hampshire	3,805	324	396	316	269	280
New Jersey	188,889	15,861	17,022	14,796	14,725	14,358
New Mexico	17,023	1,741	1,603	1,720	1,562	1,245
New York	160,406	16,671	14,395	12,876	11,212	10,675
North Carolina	92,309	5,541	8,385	7,901	7,427	7,987
North Dakota	6,096	537	547	467	515	405
Ohio	301,261	32,688	27,480	24,312	20,800	21,089
Oklahoma	179,406	16,534	16,152	15,283	13,971	15,066
Oregon	60,617	5,132	5,200	5,154	5,022	4,961
Pennsylvania	241,508	21,322	19,930	19,050	17,174	17,924
Rhode Island	46,031	3,864	3,618	3,891	3,728	4,432
South Carolina	95,557	7,608	8,864	8,443	7,221	8,223
South Dakota	4,976	614	399	477	330	291
Tennessee	124,306	10,853	9,870	10,305	9,483	10,288
Texas	1,882,288	157,014	157,745	166,312	155,216	168,784
Utah	42,301	5,431	4,257	3,053	2,473	2,519
Vermont	2,045	187	191	181	149	139
Virginia	72,949	4,005	3,727	5,173	4,877	8,384
Washington	92,274	8,304	7,861	8,040	7,385	7,334
West Virginia	51,435	4,540	4,288	4,295	3,850	3,926
Wisconsin	134,073	13,831	12,756	10,333	9,028	8,102
Wyoming	54,214	4,235	3,459	4,342	5,060	3,925
Total	7,986,047	718,936	688,564	688,878	626,802	641,043

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

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

State	YTD 1995	YTD 1994	YTD 1993	1995		1994 Total
				February	January	
Alabama	528	430	555	244	284	3,834
Alaska	5,073	4,876	5,317	2,170	2,903	29,048
Arizona	1,908	1,984	1,119	783	1,126	23,716
Arkansas	542	589	585	239	303	24,977
California	64,083	83,543	82,092	26,826	37,257	601,290
Colorado	540	683	925	209	330	4,881
Connecticut	2,870	51	86	1,353	1,516	8,002
Delaware	3,543	1,641	220	1,782	1,761	17,399
District of Columbia	0	0	0	0	0	0
Florida	26,237	19,283	22,047	12,634	13,603	180,697
Georgia	161	70	61	82	79	1,028
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	4,087	3,569	905	2,472	1,615	34,505
Indiana	1,099	1,362	1,108	547	552	9,009
Iowa	192	219	342	78	114	2,696
Kansas	2,448	1,922	1,364	1,214	1,234	27,279
Kentucky	157	66	24	79	78	350
Louisiana	36,543	23,030	20,066	16,135	20,408	277,116
Maine	0	0	0	0	0	0
Maryland	1,852	402	579	1,191	661	12,718
Massachusetts	1,777	182	266	871	906	38,567
Michigan	3,371	2,929	3,685	1,736	1,635	18,218
Minnesota	1,050	275	320	577	473	5,826
Mississippi	15,267	3,873	2,840	7,331	7,935	82,541
Missouri	557	181	135	390	167	4,351
Montana	16	102	20	4	11	632
Nebraska	152	144	152	68	85	3,061
Nevada	4,908	2,130	1,473	3,000	1,907	32,246
New Hampshire	17	0	0	0	17	1,277
New Jersey	4,507	2,416	1,721	2,224	2,282	42,625
New Mexico	5,115	4,144	3,162	2,660	2,455	32,214
New York	27,331	5,327	20,112	12,610	14,721	182,521
North Carolina	13	206	372	13	0	871
North Dakota	0	0	0	0	0	3
Ohio	312	652	784	246	66	2,818
Oklahoma	15,931	17,162	18,696	6,975	8,956	153,109
Oregon	4,384	5,316	3,187	1,536	2,847	26,132
Pennsylvania	2,892	912	1,913	1,535	1,356	12,716
Rhode Island	0	252	0	0	0	546
South Carolina	10	26	37	3	7	3,005
South Dakota	22	9	14	19	3	159
Tennessee	0	660	41	0	0	1,019
Texas	120,003	123,948	122,514	55,300	64,703	1,049,205
Utah	1,715	1,063	1,257	771	944	8,900
Vermont	37	1	2	13	24	166
Virginia	4,259	2,676	3,840	2,128	2,131	19,219
Washington	1,093	120	2,042	228	865	2,461
West Virginia	57	36	29	23	34	243
Wisconsin	688	668	273	404	285	3,821
Wyoming	20	12	19	6	15	129
Total	367,366	319,140	326,302	168,710	198,657	2,987,146

See footnotes at end of table.

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

State	1994					
	December	November	October	September	August	July
Alabama	326	266	484	321	402	450
Alaska	2,930	2,849	2,730	2,442	2,331	2,050
Arizona	933	1,176	1,321	2,414	5,662	3,535
Arkansas	311	672	2,197	3,527	5,390	4,926
California	49,192	49,380	55,942	61,634	75,054	54,454
Colorado	357	631	146	305	601	292
Connecticut	940	1,278	1,614	1,407	1,784	805
Delaware	1,696	1,721	2,126	1,689	2,266	1,848
District of Columbia	0	0	0	0	0	0
Florida	14,569	16,187	14,811	18,292	19,192	19,022
Georgia	87	54	9	90	86	176
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	3,014	1,733	4,570	2,311	2,771	3,041
Indiana	606	395	550	1,008	1,052	1,128
Iowa	208	152	127	351	286	310
Kansas	1,137	1,188	2,390	2,550	4,714	4,523
Kentucky	25	26	21	25	26	29
Louisiana	17,953	20,325	21,008	29,554	42,573	34,570
Maine	0	0	0	0	0	0
Maryland	577	461	527	1,609	2,427	4,098
Massachusetts	414	5,750	5,506	5,967	5,449	5,936
Michigan	1,705	1,743	1,958	1,564	1,342	1,385
Minnesota	487	432	674	643	708	647
Mississippi	7,988	8,680	10,069	11,127	10,594	9,719
Missouri	195	120	595	824	443	639
Montana	48	72	19	150	109	39
Nebraska	139	152	159	168	155	235
Nevada	1,279	1,259	2,896	4,459	5,509	4,689
New Hampshire	1	89	135	69	150	394
New Jersey	2,232	2,472	2,028	4,461	5,631	10,610
New Mexico	2,466	2,477	2,688	2,711	3,403	3,243
New York	16,100	17,535	18,695	17,863	26,145	31,193
North Carolina	4	0	0	32	15	10
North Dakota	0	0	0	0	1	1
Ohio	58	69	87	155	160	184
Oklahoma	10,380	11,315	11,858	15,906	20,081	21,597
Oregon	3,149	2,947	3,031	2,835	2,964	2,444
Pennsylvania	900	2,003	2,059	1,844	1,374	1,434
Rhode Island	0	0	0	0	21	46
South Carolina	665	632	1,074	63	11	38
South Dakota	3	9	44	7	24	9
Tennessee	0	0	49	15	121	175
Texas	61,644	72,208	86,324	90,569	126,369	129,088
Utah	947	916	1,121	1,222	1,181	679
Vermont	1	6	3	47	17	31
Virginia	1,862	1,621	1,757	2,152	2,257	2,416
Washington	1	2	292	1,049	954	20
West Virginia	19	14	30	20	16	14
Wisconsin	330	218	217	496	281	261
Wyoming	8	7	15	7	15	14
Total	207,886	231,242	263,958	295,956	382,114	362,444

See footnotes at end of table.

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

State	1994					
	June	May	April	March	February	January
Alabama	507	314	176	158	210	220
Alaska	2,047	2,163	2,196	2,434	2,250	2,625
Arizona	3,923	1,204	806	760	1,073	911
Arkansas	4,389	1,588	1,119	270	281	308
California	44,213	36,439	47,579	43,860	39,438	44,105
Colorado	564	429	452	421	344	339
Connecticut	97	4	7	15	24	27
Delaware	1,613	1,038	499	1,262	709	932
District of Columbia	0	0	0	0	0	0
Florida	16,666	17,726	13,429	11,520	8,863	10,420
Georgia	262	31	114	49	16	54
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	4,124	2,229	4,392	2,751	1,596	1,973
Indiana	1,352	255	568	734	466	896
Iowa	546	221	138	137	83	136
Kansas	4,456	2,083	1,385	931	896	1,026
Kentucky	47	31	26	28	21	45
Louisiana	31,568	20,246	21,292	14,995	9,687	13,343
Maine	0	0	0	0	0	0
Maryland	1,552	399	292	374	161	241
Massachusetts	4,365	1,849	1,591	1,558	58	124
Michigan	1,602	1,113	1,000	1,878	1,538	1,392
Minnesota	800	538	368	254	118	157
Mississippi	8,604	4,712	3,768	3,405	1,866	2,007
Missouri	871	231	211	42	52	129
Montana	67	6	14	7	12	90
Nebraska	741	413	553	204	49	94
Nevada	3,536	2,929	1,873	1,686	938	1,192
New Hampshire	368	69	0	0	0	0
New Jersey	8,562	2,121	1,150	942	1,081	1,335
New Mexico	3,288	2,377	2,633	2,783	2,051	2,093
New York	21,939	12,121	9,301	6,304	2,471	2,856
North Carolina	408	13	69	113	107	98
North Dakota	0	0	0	0	0	0
Ohio	1,114	125	122	92	140	513
Oklahoma	16,656	12,208	8,627	7,317	8,110	9,052
Oregon	246	2	880	2,319	2,398	2,918
Pennsylvania	963	164	248	814	310	601
Rhode Island	61	71	24	71	129	123
South Carolina	329	86	53	28	19	6
South Dakota	34	6	8	5	2	7
Tennessee	0	0	0	0	0	660
Texas	122,224	86,789	75,990	74,052	59,984	63,963
Utah	495	497	358	421	515	548
Vermont	38	3	20	0	1	0
Virginia	2,447	1,001	367	663	720	1,956
Washington	10	4	5	5	4	116
West Virginia	19	31	7	36	15	22
Wisconsin	800	125	212	214	344	324
Wyoming	14	15	9	13	7	5
Total	318,528	216,022	203,934	185,924	149,156	169,983

See footnotes at end of table.

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

State	1993					
	Total	December	November	October	September	August
Alabama	4,636	291	250	237	213	603
Alaska	28,025	2,738	2,544	2,407	2,017	2,105
Arizona	20,480	1,216	1,376	1,540	1,816	4,184
Arkansas	21,191	336	2,758	3,088	3,349	4,587
California	466,061	48,489	49,810	46,514	43,805	44,724
Colorado	4,860	371	438	448	325	338
Connecticut	557	23	15	16	22	152
Delaware	8,665	1,367	1,131	1,290	531	1,095
District of Columbia	0	0	0	0	0	0
Florida	174,361	9,977	10,559	13,662	18,080	20,026
Georgia	3,026	30	32	50	103	670
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	16,022	2,021	1,925	2,274	1,184	3,369
Indiana	5,667	508	566	424	250	788
Iowa	4,303	150	140	200	231	1,589
Kansas	21,636	924	1,166	1,406	1,708	5,393
Kentucky	269	19	24	18	54	26
Louisiana	243,983	13,397	18,169	23,055	26,956	39,706
Maine	0	0	0	0	0	0
Maryland	8,817	541	701	365	1,194	1,563
Massachusetts	28,793	402	1,674	2,450	2,854	4,857
Michigan	18,898	1,290	1,308	1,506	930	2,691
Minnesota	3,910	329	437	281	524	804
Mississippi	39,900	1,742	3,893	4,022	3,238	6,671
Missouri	4,891	70	149	392	176	2,204
Montana	270	41	57	19	2	52
Nebraska	1,876	98	60	120	82	399
Nevada	21,305	1,304	1,381	1,935	1,977	2,657
New Hampshire	136	0	0	0	0	0
New Jersey	35,631	993	1,417	1,059	3,479	7,797
New Mexico	27,725	1,730	2,012	1,954	2,239	3,097
New York	171,803	5,333	10,308	14,786	15,431	21,138
North Carolina	2,911	167	105	90	229	564
North Dakota	1	0	0	0	0	0
Ohio	2,737	66	53	86	76	469
Oklahoma	153,666	10,061	11,017	12,320	13,054	22,607
Oregon	16,167	2,860	2,178	2,065	1,638	2,234
Pennsylvania	8,304	233	457	700	369	932
Rhode Island	387	85	51	0	30	87
South Carolina	1,851	17	10	6	132	417
South Dakota	186	3	18	9	4	78
Tennessee	1,531	8	0	0	15	386
Texas	1,072,506	62,194	78,098	91,553	107,418	142,579
Utah	6,305	568	549	539	414	390
Vermont	268	1	1	21	0	0
Virginia	19,735	2,005	1,280	1,383	1,956	2,404
Washington	4,899	309	9	4	6	5
West Virginia	133	8	18	4	6	27
Wisconsin	3,070	180	185	240	207	559
Wyoming	87	4	5	5	1	5
Total	2,682,440	174,498	208,335	234,544	258,325	357,027

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

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

Source: Form EIA-759.

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

State	YTD 1995	YTD 1994	YTD 1993	1995		1994
				February	January	Total
Alabama	58,644	58,845	56,635	29,488	29,155	255,810
Alaska	25,683	23,311	28,554	11,776	13,906	^R 128,545
Arizona	23,037	16,833	20,407	10,657	12,380	101,319
Arkansas	48,559	50,465	46,009	23,142	25,417	228,790
California	379,212	387,702	395,193	171,303	^R 207,909	^R 2,048,081
Colorado	66,078	69,039	70,033	31,858	34,220	^R 249,015
Connecticut	31,227	33,092	31,299	16,080	15,147	120,003
Delaware	10,822	9,492	7,759	5,464	5,357	48,810
District of Columbia	10,251	10,833	10,381	5,464	4,787	31,530
Florida	61,702	52,100	50,058	29,934	31,768	356,303
Georgia	84,723	82,745	79,771	40,329	44,394	334,312
Hawaii	486	476	478	232	253	2,778
Idaho	13,486	11,945	13,136	6,017	7,469	52,737
Illinois	299,551	332,160	290,173	140,654	158,896	1,024,188
Indiana	142,366	147,379	130,440	66,649	75,717	^R 513,668
Iowa	62,749	67,863	63,114	29,032	33,718	239,642
Kansas	75,661	71,931	72,634	32,635	43,026	^R 332,521
Kentucky	55,287	56,668	48,448	26,705	28,582	184,444
Louisiana	237,960	221,243	205,190	111,647	^R 126,313	1,332,370
Maine	1,265	1,420	1,295	649	616	5,045
Maryland	48,917	49,853	46,720	25,778	23,139	182,472
Massachusetts	76,591	87,890	68,290	39,601	^R 36,990	372,246
Michigan	237,998	273,114	236,278	119,844	^R 118,153	897,180
Minnesota	91,461	99,748	88,313	43,341	^R 48,120	322,307
Mississippi	46,106	41,327	33,838	22,287	23,819	^R 227,949
Missouri	86,309	106,824	81,335	42,246	44,063	^R 281,336
Montana	11,912	12,001	12,668	5,244	6,669	46,346
Nebraska	NA	33,950	29,223	15,095	NA	120,327
Nevada	21,367	18,092	15,884	10,401	^R 10,967	101,423
New Hampshire	4,628	5,486	4,696	2,304	2,324	18,805
New Jersey	148,229	158,781	136,910	76,069	^R 72,159	^R 582,459
New Mexico	25,771	23,586	23,100	10,611	15,160	109,671
New York	255,139	245,162	230,364	129,335	^R 125,804	^R 981,957
North Carolina	48,655	47,744	44,199	24,233	24,422	185,916
North Dakota	8,213	9,085	8,176	3,983	4,230	27,395
Ohio	244,014	260,115	226,341	122,602	121,412	821,861
Oklahoma	88,674	99,228	90,078	39,495	49,179	465,429
Oregon	31,054	31,169	31,308	13,430	17,623	140,349
Pennsylvania	176,884	193,406	176,257	89,946	86,938	654,269
Rhode Island	14,376	17,428	16,398	7,259	^R 7,117	71,333
South Carolina	29,261	29,512	28,654	14,731	14,530	146,272
South Dakota	NA	9,022	8,423	NA	4,241	28,111
Tennessee	62,983	64,794	58,049	31,305	31,677	^R 222,462
Texas	509,168	564,036	536,411	240,628	268,540	^R 3,195,409
Utah	32,507	30,848	35,259	14,078	18,428	121,115
Vermont	1,945	2,158	1,978	971	974	7,344
Virginia	58,633	57,242	56,761	29,101	29,533	220,906
Washington	NA	44,008	48,086	21,865	NA	206,516
West Virginia	28,556	32,580	26,686	14,639	13,917	110,788
Wisconsin	104,457	108,955	95,551	50,917	53,541	359,282
Wyoming	NA	14,632	16,282	6,495	NA	67,288
Total	4,285,938	4,477,319	4,133,523	2,061,512	^R2,224,425	^R18,886,435

See footnotes at end of table.

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

State	1994					
	December	November	October	September	August	July
Alabama	24,186	19,722	18,488	17,829	17,799	17,270
Alaska	^R 14,158	12,193	11,520	9,428	9,494	9,077
Arizona	11,429	7,728	6,300	6,944	10,589	8,641
Arkansas	20,458	16,565	16,146	17,011	18,057	17,683
California	^R 204,041	^R 188,213	^R 152,956	^R 154,234	170,913	^R 165,021
Colorado	^R 31,345	^R 20,586	^R 13,516	10,009	^R 11,345	^R 10,905
Connecticut	12,466	9,510	8,072	6,444	7,265	5,874
Delaware	4,790	4,274	4,460	3,595	4,022	3,580
District of Columbia	3,502	2,065	1,367	1,173	1,112	1,212
Florida	31,239	30,863	28,968	32,219	33,310	32,855
Georgia	37,938	29,052	24,945	20,452	21,025	19,758
Hawaii	235	236	221	228	219	223
Idaho	6,946	6,026	3,777	2,856	2,793	2,966
Illinois	129,206	88,245	64,034	41,631	40,068	38,464
Indiana	^R 55,428	^R 46,351	34,237	27,202	24,813	24,155
Iowa	28,122	21,279	15,798	12,651	11,658	10,988
Kansas	^R 34,946	^R 31,819	^R 24,875	19,300	23,338	22,680
Kentucky	22,111	15,986	12,197	8,860	8,511	8,078
Louisiana	113,461	106,676	111,163	117,192	130,500	119,360
Maine	581	472	354	261	241	208
Maryland	19,967	13,723	10,927	9,797	10,294	11,994
Massachusetts	31,055	32,461	30,584	24,811	23,785	24,591
Michigan	98,093	72,478	54,182	40,201	37,656	37,299
Minnesota	41,427	27,938	20,738	13,714	13,903	12,525
Mississippi	^R 20,966	^R 18,491	^R 19,004	^R 19,465	^R 18,875	^R 17,985
Missouri	^R 33,157	^R 20,246	^R 13,069	^R 11,552	^R 9,211	^R 9,678
Montana	6,634	4,982	3,424	2,172	1,898	1,766
Nebraska	14,033	9,245	6,325	5,582	7,168	6,353
Nevada	10,418	7,108	7,422	8,591	9,602	8,915
New Hampshire	1,861	1,424	1,171	828	849	1,037
New Jersey	^R 60,739	^R 40,578	^R 35,574	^R 31,941	^R 31,731	^R 36,389
New Mexico	12,677	11,348	8,855	6,558	7,518	6,968
New York	^R 103,296	78,515	63,682	51,252	60,042	64,186
North Carolina	19,233	15,617	13,162	11,239	11,104	9,834
North Dakota	3,294	2,557	1,393	1,020	842	843
Ohio	95,102	66,214	49,357	34,137	33,040	30,638
Oklahoma	42,394	34,642	32,599	34,168	39,538	40,581
Oregon	17,444	14,437	10,955	9,331	9,372	8,789
Pennsylvania	71,347	52,474	43,060	30,694	29,704	28,081
Rhode Island	6,751	5,783	4,709	3,328	4,782	4,440
South Carolina	15,010	13,269	13,355	10,115	9,994	8,968
South Dakota	3,895	2,705	1,577	1,001	977	740
Tennessee	^R 24,119	17,253	13,193	9,646	12,962	11,683
Texas	243,844	^R 240,019	^R 242,275	^R 279,952	^R 280,237	^R 284,350
Utah	17,868	14,807	10,088	6,227	5,836	5,326
Vermont	817	502	421	389	288	285
Virginia	24,304	17,213	15,059	13,664	13,310	14,292
Washington	26,462	20,522	14,896	12,796	12,796	12,019
West Virginia	11,548	8,350	6,896	5,684	5,478	5,280
Wisconsin	42,759	31,935	21,925	16,172	15,187	13,936
Wyoming	7,388	6,126	6,813	4,274	3,077	3,777
Total	^R1,914,492	^R1,560,824	^R1,330,084	^R1,219,823	^R1,268,128	^R1,242,547

See footnotes at end of table.

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

State	1994					
	June	May	April	March	February	January
Alabama	17,390	17,796	21,167	25,318	28,798	30,047
Alaska	8,318	9,067	10,051	11,928	11,000	12,311
Arizona	9,213	7,042	7,279	9,321	4,434	12,398
Arkansas	17,360	14,804	17,669	22,572	22,868	27,597
California	^a 148,798	^a 145,479	^a 158,583	^a 172,141	^a 187,002	^a 200,700
Colorado	11,662	^a 17,498	23,295	29,814	33,320	35,719
Connecticut	5,741	6,763	9,927	14,850	16,312	16,780
Delaware	3,722	3,071	2,897	4,906	4,830	4,662
District of Columbia	1,382	1,756	3,084	4,044	5,036	5,797
Florida	30,263	30,379	27,347	26,759	24,153	27,947
Georgia	20,554	22,485	23,017	32,341	37,004	45,741
Hawaii	233	229	236	241	228	248
Idaho	2,890	3,396	4,132	5,009	5,883	6,062
Illinois	43,515	53,445	78,335	115,086	149,184	182,976
Indiana	26,643	30,385	40,653	56,421	67,654	79,724
Iowa	12,446	14,821	19,342	24,673	31,598	36,265
Kansas	25,216	19,398	23,896	35,123	33,952	37,979
Kentucky	8,226	10,320	12,741	20,748	24,019	32,648
Louisiana	116,000	98,865	100,880	97,030	102,460	118,783
Maine	250	343	371	543	644	777
Maryland	9,824	10,471	13,512	22,108	23,147	26,706
Massachusetts	23,929	22,252	27,596	43,291	44,476	43,414
Michigan	41,227	56,893	78,223	107,814	131,618	141,496
Minnesota	13,661	17,368	27,084	34,202	45,464	54,284
Mississippi	^a 20,005	^a 17,767	^a 15,999	^a 18,065	^a 19,349	^a 21,979
Missouri	^a 10,761	^a 13,893	^a 21,583	^a 31,363	^a 57,407	49,417
Montana	2,164	2,768	3,793	4,743	6,027	5,973
Nebraska	6,739	7,035	10,290	13,605	16,876	17,074
Nevada	7,977	7,990	6,862	8,446	8,649	9,443
New Hampshire	1,183	1,176	1,581	2,208	2,582	2,904
New Jersey	^a 37,949	^a 33,586	^a 46,837	^a 68,354	^a 76,303	^a 82,478
New Mexico	6,894	6,527	8,220	10,520	11,596	11,990
New York	60,855	61,735	82,363	110,871	121,437	123,725
North Carolina	11,645	11,813	14,395	20,130	22,889	24,854
North Dakota	962	1,587	2,441	3,371	4,383	4,702
Ohio	36,588	49,135	67,683	99,853	119,914	140,201
Oklahoma	35,277	34,192	33,126	39,683	49,842	49,386
Oregon	7,369	7,740	10,380	13,362	14,857	16,312
Pennsylvania	31,425	38,063	54,084	81,931	90,079	103,327
Rhode Island	4,749	5,362	6,024	7,975	8,656	8,772
South Carolina	10,677	9,956	11,310	14,107	14,422	15,090
South Dakota	1,028	1,526	2,274	3,366	4,448	4,574
Tennessee	11,650	14,383	18,395	24,382	30,291	34,503
Texas	^a 287,161	^a 258,947	^a 252,669	^a 261,919	^a 279,940	^a 284,096
Utah	5,226	5,668	8,495	10,726	15,228	15,620
Vermont	364	446	710	965	1,063	1,095
Virginia	16,982	12,301	14,248	22,291	26,562	30,680
Washington	12,743	12,254	17,285	20,735	21,638	22,370
West Virginia	5,498	7,621	9,059	12,795	14,036	18,544
Wisconsin	15,745	20,117	29,847	42,703	51,211	57,744
Wyoming	4,084	4,747	6,052	6,318	7,201	7,431
Total	^a 1,252,163	^a 1,262,661	^a 1,487,323	^a 1,871,071	^a 2,131,971	^a 2,345,347

See footnotes at end of table.

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

State	1993					
	Total	December	November	October	September	August
Alabama	263,421	26,117	21,673	18,662	16,011	16,798
Alaska	137,680	13,527	12,424	10,367	10,697	8,385
Arizona	97,417	11,345	7,335	5,883	5,951	8,266
Arkansas	215,135	22,126	20,221	16,218	14,479	14,874
California	1,877,290	205,889	166,207	157,911	139,730	135,764
Colorado	251,736	30,339	21,273	13,143	11,896	10,234
Connecticut	111,040	11,880	10,154	7,417	4,820	4,845
Delaware	41,608	4,518	3,701	3,347	2,494	3,080
District of Columbia	32,818	4,043	2,155	1,429	1,111	1,122
Florida	331,289	25,257	23,878	26,037	29,814	31,633
Georgia	343,598	43,255	31,393	23,902	18,256	20,507
Hawaii	2,681	219	229	215	211	211
Idaho	52,379	6,266	4,648	3,480	2,754	2,709
Illinois	1,019,517	135,597	103,210	72,551	44,607	36,535
Indiana	510,995	61,363	48,884	36,624	25,760	24,546
Iowa	240,483	27,845	24,400	16,674	12,324	12,436
Kansas	301,586	32,044	23,076	17,501	16,035	21,365
Kentucky	181,016	25,228	18,925	12,987	8,049	7,163
Louisiana	1,299,439	109,785	106,256	112,462	112,626	125,857
Maine	4,966	604	498	414	248	230
Maryland	178,185	21,311	16,232	10,842	8,610	8,912
Massachusetts	310,109	32,419	27,628	22,298	18,498	20,320
Michigan	880,988	104,753	79,156	58,296	38,396	36,657
Minnesota	311,712	40,025	30,404	21,783	13,944	12,080
Mississippi	187,611	17,489	16,628	14,350	12,231	16,008
Missouri	269,716	33,782	23,695	12,967	9,735	10,731
Montana	47,204	6,264	5,044	3,192	2,341	1,936
Nebraska	123,537	15,413	11,803	7,581	6,061	5,936
Nevada	84,293	9,028	6,476	5,878	5,760	6,403
New Hampshire	16,577	1,884	1,446	975	610	575
New Jersey	549,030	58,500	46,841	32,167	28,501	30,456
New Mexico	104,504	13,295	11,171	7,378	6,443	6,583
New York	937,173	98,484	76,476	60,623	46,336	51,384
North Carolina	179,694	15,731	15,787	11,518	10,144	10,851
North Dakota	27,464	3,465	2,580	1,601	1,167	909
Ohio	822,195	107,210	77,473	54,490	33,364	31,967
Oklahoma	452,306	42,503	37,385	31,468	30,102	40,720
Oregon	130,615	16,439	11,633	9,277	8,292	8,707
Pennsylvania	650,587	76,812	56,934	42,449	28,624	28,262
Rhode Island	75,346	7,295	6,188	5,369	4,488	5,354
South Carolina	138,846	13,348	12,368	10,054	8,591	9,884
South Dakota	28,295	3,807	2,761	1,759	1,090	897
Tennessee	235,514	26,330	20,293	14,709	12,601	13,497
Texas	3,362,654	270,857	274,826	280,212	279,569	331,529
Utah	123,005	17,027	11,508	6,861	4,943	4,857
Vermont	7,225	796	616	472	282	251
Virginia	211,037	22,892	14,931	12,323	10,375	14,233
Washington	194,151	22,854	16,168	12,453	10,600	10,335
West Virginia	111,160	12,906	10,057	7,627	5,580	5,487
Wisconsin	344,385	43,513	33,963	23,095	15,462	12,967
Wyoming	77,242	7,366	5,520	5,655	5,821	4,612
Total	18,488,454	1,961,045	1,614,532	1,346,946	1,146,436	1,229,860

^R = Revised Data.

NA = Not Available.

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

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

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

State	YTD 1995	YTD 1994	YTD 1993	1995		1994		
				February	January	Total	December	November
Alabama	2.59	3.18	3.35	2.60	2.59	3.44	2.87	3.26
Alaska	1.69	1.67	0.33	1.67	1.71	1.62	1.62	1.60
Arizona	2.30	2.73	2.46	2.42	2.22	2.53	2.34	2.08
Arkansas	2.37	2.78	2.54	2.34	2.39	2.54	2.30	2.36
California	1.95	2.96	2.71	1.96	1.95	^R 2.59	2.40	2.22
Colorado	2.66	3.30	2.74	2.70	2.63	3.31	2.98	2.81
Connecticut	4.57	3.60	3.48	4.73	4.41	4.17	4.63	4.70
Delaware	2.57	3.35	3.08	2.45	2.69	2.95	2.75	2.82
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.36	3.11	2.76	2.34	2.37	2.77	2.49	2.40
Georgia	2.79	3.52	3.63	2.54	3.00	3.54	3.30	3.42
Hawaii	4.99	4.33	6.75	5.14	4.85	4.94	5.52	5.05
Idaho	2.16	2.39	2.00	2.29	2.06	2.46	2.22	2.25
Illinois	2.38	3.22	3.61	2.28	2.47	3.01	2.82	2.80
Indiana	2.52	3.06	2.93	2.35	2.63	2.97	2.99	^R 3.07
Iowa	2.55	3.01	2.92	2.45	2.64	3.15	2.86	2.83
Kansas	2.18	2.77	2.88	2.20	2.17	^R 2.93	2.56	2.46
Kentucky	2.76	3.30	3.09	2.72	2.80	^R 3.13	^R 2.99	3.16
Louisiana	2.16	2.87	2.49	2.07	2.23	2.54	2.35	2.38
Maine	3.36	3.95	3.61	3.50	3.21	2.85	3.51	1.33
Maryland	2.56	3.23	2.95	2.47	2.65	3.38	2.78	2.99
Massachusetts	2.99	3.63	3.67	3.04	^R 2.93	3.98	3.14	3.58
Michigan	2.82	2.90	3.18	2.83	2.81	2.70	2.93	2.70
Minnesota	2.41	2.75	2.88	2.38	^R 2.43	2.85	2.78	2.74
Mississippi	2.30	2.89	2.53	2.24	2.35	2.83	2.54	2.81
Missouri	2.33	2.78	3.14	2.28	2.38	3.05	2.43	2.64
Montana	3.42	3.47	2.97	3.31	3.51	3.49	3.34	2.98
Nebraska	2.26	2.80	2.85	2.11	2.38	2.98	2.38	2.65
Nevada	2.94	3.20	2.47	3.15	2.80	3.18	2.85	2.53
New Hampshire	3.47	3.90	3.53	3.44	3.49	3.44	3.54	2.87
New Jersey	3.11	3.38	3.07	3.09	3.12	3.33	2.78	2.88
New Mexico	1.50	2.26	2.41	1.14	1.82	2.02	2.03	1.70
New York	2.49	3.19	3.00	2.44	2.55	3.02	2.63	2.78
North Carolina	2.81	3.36	2.97	2.77	2.85	3.27	2.82	2.96
North Dakota	2.95	3.10	3.05	2.78	3.11	3.15	2.67	2.98
Ohio	3.94	3.48	3.42	3.76	4.11	3.48	3.48	3.35
Oklahoma	2.78	2.68	2.46	2.72	2.84	2.47	2.67	2.00
Oregon	2.47	2.73	2.23	2.55	2.40	2.73	2.49	2.71
Pennsylvania	3.09	3.40	2.97	2.89	3.36	3.46	3.19	3.28
Rhode Island	2.93	3.58	3.34	2.75	3.12	4.17	3.16	3.36
South Carolina	3.12	3.49	3.33	3.17	3.08	3.67	3.31	3.57
South Dakota	NA	3.13	3.03	NA	2.82	3.35	2.91	2.97
Tennessee	2.48	2.19	2.88	2.62	2.39	2.71	2.52	2.89
Texas	3.14	3.23	3.34	3.16	3.13	3.01	3.23	3.04
Utah	3.70	2.99	2.92	4.06	3.46	3.31	3.66	3.24
Vermont	2.42	2.92	2.53	2.40	2.45	3.11	2.39	2.69
Virginia	2.93	3.46	3.21	2.88	2.97	3.44	3.15	3.15
Washington	2.43	2.43	2.15	2.46	2.40	2.54	2.64	3.14
West Virginia	2.71	3.27	2.95	2.59	2.83	^R 3.23	3.03	^R 2.78
Wisconsin	2.63	3.10	3.01	2.63	2.62	3.42	2.80	2.96
Wyoming	NA	3.25	2.67	2.74	NA	2.91	2.99	2.14
Total	2.75	3.14	3.03	2.71	2.79	^R 3.07	2.86	^R 2.85

See footnotes at end of table.

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

State	1994							
	October	September	August	July	June	May	April	March
Alabama	3.66	3.57	3.86	3.91	4.26	3.84	3.60	3.67
Alaska	1.61	1.60	1.60	1.54	1.41	1.67	1.62	1.62
Arizona	2.07	2.58	2.66	2.72	2.77	2.53	2.72	2.87
Arkansas	2.21	2.06	2.37	2.43	2.63	2.68	2.79	2.55
California	2.48	2.23	2.57	^a 2.45	2.70	2.64	2.62	2.98
Colorado	2.83	3.66	3.47	3.82	3.82	3.62	3.76	3.57
Connecticut	4.37	5.09	5.09	5.37	5.40	4.36	3.80	3.16
Delaware	2.42	2.69	2.98	3.00	2.73	3.00	2.98	3.19
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.35	2.32	2.55	2.56	2.64	2.86	3.19	3.30
Georgia	3.13	3.64	3.53	3.83	3.82	4.51	3.17	3.69
Hawaii	5.41	5.33	5.34	5.22	4.94	4.66	4.64	4.54
Idaho	2.19	2.71	3.68	3.80	2.98	2.78	2.65	2.53
Illinois	2.38	2.65	2.93	2.62	3.33	2.86	3.28	3.63
Indiana	^a 2.27	2.26	2.95	2.72	3.06	2.90	2.98	3.32
Iowa	2.56	3.35	3.84	3.44	3.59	4.05	3.35	3.53
Kansas	^a 2.74	2.44	4.81	4.27	^a 3.46	2.94	^a 2.97	3.32
Kentucky	2.74	2.32	2.72	3.04	3.06	3.56	3.32	3.42
Louisiana	2.02	1.97	2.26	2.43	2.77	2.64	2.65	2.94
Maine	1.20	0.88	1.17	2.09	2.16	2.92	3.20	3.81
Maryland	3.20	4.27	5.01	4.77	4.38	4.05	3.88	3.32
Massachusetts	3.54	4.81	5.85	4.52	5.30	4.69	4.33	4.04
Michigan	2.56	2.55	2.59	2.77	2.55	2.56	2.58	2.88
Minnesota	2.45	2.98	3.21	2.99	3.16	3.37	2.66	3.09
Mississippi	2.49	2.64	2.71	2.99	2.73	2.90	3.03	3.20
Missouri	3.16	4.08	4.61	5.03	3.38	3.70	3.76	3.34
Montana	3.31	3.83	3.56	4.66	3.29	4.34	3.41	3.98
Nebraska	3.22	3.28	3.50	3.38	3.85	3.94	2.95	3.17
Nevada	2.88	3.50	4.04	3.50	3.23	3.99	3.94	3.60
New Hampshire	2.33	2.67	2.94	3.20	3.15	3.61	3.37	3.98
New Jersey	3.03	3.48	3.55	3.72	3.69	3.32	3.76	3.53
New Mexico	1.83	1.97	1.83	1.71	1.86	1.70	2.10	2.19
New York	2.66	2.76	3.13	3.01	3.08	3.21	3.04	3.34
North Carolina	3.11	3.35	3.09	3.60	3.26	3.33	3.71	3.49
North Dakota	3.29	3.39	3.17	3.75	3.24	3.88	3.06	3.71
Ohio	3.48	2.83	4.18	3.53	3.38	3.38	3.56	3.62
Oklahoma	1.69	1.60	1.89	1.67	2.19	2.35	2.55	2.75
Oregon	2.72	2.81	2.81	2.96	2.74	3.08	2.78	2.69
Pennsylvania	3.38	3.14	4.16	3.74	4.09	3.70	3.46	3.52
Rhode Island	3.98	5.39	6.17	6.27	5.40	6.30	4.59	4.00
South Carolina	3.36	3.71	3.59	4.20	4.05	4.01	4.27	3.92
South Dakota	3.23	4.31	4.28	4.93	4.67	3.74	3.23	3.67
Tennessee	2.63	3.85	2.94	3.62	2.95	2.93	3.16	3.40
Texas	2.73	2.72	2.66	2.66	2.59	2.84	2.98	3.27
Utah	3.91	4.81	3.62	4.24	5.18	2.71	2.88	3.29
Vermont	3.68	1.54	4.83	4.77	4.33	3.83	3.32	2.98
Virginia	3.62	3.20	3.68	3.45	4.21	3.56	3.81	3.41
Washington	2.89	2.32	2.30	2.20	2.38	2.55	2.34	2.46
West Virginia	^a 2.94	3.46	3.48	3.16	2.97	3.46	3.11	3.73
Wisconsin	3.39	4.73	4.31	5.28	4.48	4.30	3.30	3.42
Wyoming	2.19	2.61	3.07	2.97	2.87	3.73	3.05	3.21
Total	2.82	2.92	3.16	^a 3.12	3.20	3.18	3.15	3.33

See footnotes at end of table.

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

State	1994		1993					
	February	January	Total	December	November	October	September	August
Alabama	3.16	3.20	3.51	3.38	3.55	3.78	4.11	3.96
Alaska	1.57	1.77	0.33	0.33	0.33	0.32	0.33	0.33
Arizona	2.95	2.69	2.62	2.69	2.57	2.57	3.10	3.07
Arkansas	2.79	2.77	2.66	2.92	2.82	2.78	2.72	2.71
California	3.09	^a 2.83	2.85	2.86	3.05	2.84	3.08	2.77
Colorado	3.17	3.43	2.95	3.17	2.90	3.55	3.14	3.46
Connecticut	3.71	3.51	3.87	4.10	3.20	3.60	3.94	4.04
Delaware	3.41	3.29	3.24	3.45	2.94	3.19	3.56	2.98
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.65	2.73	2.76	2.90	2.60	2.64	2.80	2.76
Georgia	4.01	3.19	3.77	3.92	3.73	3.67	4.56	4.17
Hawaii	4.32	4.33	5.61	4.91	5.13	5.23	5.17	5.18
Idaho	2.32	2.45	2.26	2.68	2.33	2.39	2.46	2.54
Illinois	3.48	3.02	3.30	3.08	3.25	3.00	3.37	3.25
Indiana	3.24	2.92	3.18	3.22	3.14	3.10	3.47	3.55
Iowa	3.27	2.84	3.24	3.55	2.90	3.17	3.81	3.44
Kansas	2.89	2.67	2.80	2.92	2.70	2.71	2.79	2.44
Kentucky	3.37	3.25	3.21	3.28	3.28	3.10	3.25	3.05
Louisiana	3.19	2.66	2.72	2.88	2.80	2.62	2.74	2.89
Maine	3.85	4.04	3.69	3.14	3.28	3.96	4.31	4.20
Maryland	3.41	3.08	3.53	3.28	3.33	3.69	5.01	5.27
Massachusetts	3.68	3.58	3.98	3.75	3.69	3.79	4.37	4.72
Michigan	3.03	2.77	2.89	2.92	2.87	2.76	2.96	2.79
Minnesota	2.83	2.69	3.11	3.43	2.96	2.84	3.41	3.39
Mississippi	3.12	2.72	2.90	3.22	3.07	2.96	3.42	3.00
Missouri	2.81	2.76	3.20	3.14	2.89	3.37	3.88	3.79
Montana	3.86	3.09	3.29	3.67	2.90	3.21	4.01	4.53
Nebraska	2.92	2.73	3.46	3.96	3.96	4.28	6.24	3.51
Nevada	3.24	3.16	3.03	2.76	3.01	3.72	4.49	4.75
New Hampshire	4.04	3.79	3.76	3.76	3.74	3.66	4.37	4.40
New Jersey	3.43	3.33	3.54	3.54	3.49	3.40	3.84	4.30
New Mexico	2.42	2.12	2.39	2.17	2.48	2.36	2.23	2.10
New York	3.34	3.07	3.32	3.39	3.11	3.44	3.78	3.25
North Carolina	3.49	3.24	3.15	3.29	2.67	2.88	3.52	3.53
North Dakota	3.67	2.64	3.29	3.38	2.88	3.19	3.66	4.45
Ohio	3.47	3.48	3.52	3.25	3.48	3.04	3.76	3.87
Oklahoma	2.68	2.67	2.45	2.79	2.65	2.42	2.39	2.00
Oregon	2.70	2.77	2.48	2.94	2.54	2.65	2.52	2.61
Pennsylvania	3.56	3.27	3.41	3.39	3.03	3.46	4.32	4.42
Rhode Island	3.67	3.50	4.41	3.93	4.75	4.78	7.37	6.64
South Carolina	3.71	3.33	3.54	3.49	3.35	3.49	4.02	4.18
South Dakota	3.32	2.96	3.35	3.58	2.93	3.19	3.61	4.69
Tennessee	3.17	1.76	3.23	3.57	3.03	3.38	3.91	3.39
Texas	3.26	3.21	3.32	3.58	3.48	3.24	3.43	3.19
Utah	3.11	2.87	2.63	2.85	1.85	1.53	2.20	2.30
Vermont	2.99	2.86	2.96	2.59	2.74	2.98	3.80	4.38
Virginia	3.52	3.41	3.33	3.55	3.40	3.16	3.53	3.41
Washington	2.35	2.52	2.39	2.56	2.98	2.76	2.89	2.35
West Virginia	3.52	3.10	3.40	3.52	4.46	3.66	4.95	7.55
Wisconsin	3.23	2.99	3.70	3.41	3.31	3.99	5.25	6.22
Wyoming	3.30	3.21	2.80	3.04	2.46	2.51	2.49	2.86
Total	3.27	^a3.03	3.21	3.27	3.15	3.15	3.54	3.35

^a = Revised Data.

NA = Not Available.

— = Not Applicable.

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

Source: Form EIA-857.

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

(Dollars per Thousand Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995		1994		
				February	January	Total	December	November
Alabama	6.28	6.43	6.52	6.14	6.44	7.46	7.45	8.64
Alaska	3.54	3.51	3.82	3.53	3.54	3.60	3.48	3.55
Arizona	7.15	6.44	6.38	7.24	7.07	7.65	7.10	7.99
Arkansas	5.02	5.03	4.90	4.90	5.13	5.70	5.33	5.80
California	6.67	6.30	6.12	6.67	6.67	6.39	6.63	6.33
Colorado	4.49	4.57	4.20	4.52	4.47	4.91	4.57	4.92
Connecticut	9.84	9.40	8.90	9.73	9.95	10.13	10.12	10.79
Delaware	6.66	6.83	6.13	6.59	6.74	7.31	7.16	7.94
District of Columbia	7.82	8.12	8.30	7.83	7.80	8.40	8.02	8.78
Florida	8.57	8.98	8.27	8.41	8.74	10.40	10.03	11.42
Georgia	6.19	6.61	6.32	5.94	6.42	7.38	6.97	7.86
Hawaii	16.75	16.08	17.06	16.71	16.78	16.85	17.35	17.18
Idaho	5.47	5.59	4.93	5.56	5.40	5.80	5.44	5.74
Illinois	4.54	5.18	5.05	4.60	4.49	5.50	4.80	4.66
Indiana	5.31	5.90	5.40	5.40	5.22	^a 6.25	^a 5.48	^a 5.61
Iowa	4.49	4.98	4.90	4.58	4.41	5.42	4.73	5.12
Kansas	4.43	5.23	4.43	4.37	4.47	5.14	4.53	4.27
Kentucky	4.76	4.97	4.88	4.65	4.85	5.49	5.17	5.48
Louisiana	4.63	5.68	5.10	3.96	5.26	6.21	5.63	7.06
Maine	7.25	7.68	6.83	7.23	7.28	7.82	7.36	7.64
Maryland	6.15	6.51	6.70	6.12	6.19	6.99	6.29	6.67
Massachusetts	9.15	8.74	8.22	9.08	9.22	8.73	9.29	8.56
Michigan	4.36	4.56	4.60	4.35	4.38	4.88	4.54	4.80
Minnesota	4.59	5.01	5.05	4.48	^a 4.69	5.21	4.86	4.98
Mississippi	4.61	4.96	4.86	4.50	4.71	5.23	4.96	5.52
Missouri	4.47	5.28	4.83	4.41	4.53	^a 5.66	4.68	5.41
Montana	4.99	4.92	4.59	5.03	4.95	5.21	4.94	5.13
Nebraska	4.49	4.77	4.68	4.45	4.53	5.00	4.56	4.83
Nevada	6.30	6.08	5.00	6.38	6.24	6.66	6.25	6.87
New Hampshire	7.32	8.17	7.67	7.33	7.31	7.96	7.62	8.36
New Jersey	6.78	7.01	6.52	6.52	7.06	7.41	7.08	7.36
New Mexico	4.88	5.89	4.89	5.00	4.79	5.63	4.42	3.56
New York	7.82	7.84	7.38	7.61	8.05	8.73	8.64	9.36
North Carolina	6.42	6.55	6.65	6.15	6.71	7.28	7.46	7.54
North Dakota	4.31	5.00	4.76	4.29	4.33	5.19	4.48	4.86
Ohio	5.40	5.50	5.41	5.10	5.70	5.87	5.88	5.93
Oklahoma	4.96	4.68	4.58	4.98	4.95	5.42	5.29	6.10
Oregon	6.47	6.77	5.93	6.56	6.40	6.98	6.55	6.73
Pennsylvania	7.23	6.83	6.27	7.20	7.27	7.47	7.36	7.76
Rhode Island	3.94	8.39	7.56	4.09	3.77	8.91	8.53	9.14
South Carolina	7.91	7.42	7.23	7.79	8.04	7.97	8.38	8.79
South Dakota	NA	4.97	5.09	NA	4.50	5.23	4.52	4.41
Tennessee	5.43	5.74	5.56	5.29	5.57	6.16	5.78	6.51
Texas	5.41	5.32	5.36	5.47	5.36	6.05	5.57	6.13
Utah	4.83	5.10	5.11	4.90	4.78	4.96	4.54	4.76
Vermont	6.50	6.49	5.78	6.49	6.51	6.94	6.70	7.35
Virginia	7.14	7.09	7.00	7.10	7.18	7.84	7.46	8.22
Washington	5.67	5.33	4.76	5.71	5.63	5.68	5.63	5.67
West Virginia	6.76	6.52	5.98	6.74	6.79	6.60	6.89	7.21
Wisconsin	5.89	6.53	5.88	5.84	5.93	6.34	6.02	6.01
Wyoming	NA	4.66	4.45	4.77	NA	4.93	4.61	4.81
Total	5.78	6.00	5.73	5.74	^a5.82	^a6.41	^a6.07	^a6.25

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1994							
	October	September	August	July	June	May	April	March
Alabama	9.73	9.88	9.97	10.01	9.80	8.96	7.51	7.21
Alaska	3.65	3.93	4.17	4.03	3.85	3.65	3.55	3.50
Arizona	9.61	10.45	10.70	10.20	9.33	8.57	7.76	6.95
Arkansas	6.93	7.59	8.20	7.92	7.62	6.88	5.80	5.61
California	6.71	6.66	6.68	6.55	6.64	5.62	6.55	6.13
Colorado	5.82	6.65	6.67	6.49	5.87	5.05	4.80	4.63
Connecticut	11.06	12.41	12.85	12.52	11.66	10.93	10.10	9.74
Delaware	8.76	9.48	9.74	9.48	8.66	8.04	7.22	6.88
District of Columbia	9.67	10.06	7.05	7.90	8.36	9.56	8.68	8.50
Florida	11.81	11.94	12.43	12.29	11.99	11.72	10.49	10.00
Georgia	8.10	6.79	9.61	9.51	9.26	8.55	8.56	7.32
Hawaii	18.08	17.52	17.75	17.32	16.54	16.55	16.30	16.00
Idaho	6.05	6.89	7.34	6.74	6.57	6.22	5.96	5.74
Illinois	5.56	7.08	7.70	7.54	7.47	6.69	6.23	5.66
Indiana	5.83	7.92	8.81	9.21	8.86	7.33	6.83	6.31
Iowa	6.49	7.75	6.99	8.50	7.93	6.23	5.74	5.40
Kansas	4.75	6.22	6.26	6.11	6.07	5.57	5.37	5.27
Kentucky	6.47	7.30	7.93	8.62	7.50	7.22	5.95	5.14
Louisiana	7.39	7.47	7.91	7.95	7.29	7.11	6.13	5.77
Maine	7.65	8.33	9.41	8.85	8.04	7.82	8.34	7.89
Maryland	7.41	8.59	9.12	9.05	8.36	8.08	7.50	6.88
Massachusetts	7.71	8.74	8.74	8.79	7.90	7.59	9.37	8.90
Michigan	5.29	6.50	6.98	7.04	6.19	5.25	4.84	4.69
Minnesota	5.45	6.47	6.82	6.85	6.58	5.68	5.13	5.18
Mississippi	5.53	5.72	5.89	5.81	5.75	6.01	5.41	5.26
Missouri	7.28	8.12	8.85	8.16	7.73	6.36	5.86	5.53
Montana	5.76	6.45	6.94	6.49	5.97	5.46	5.13	4.98
Nebraska	5.58	6.24	6.52	6.30	6.08	5.37	5.07	4.95
Nevada	7.84	8.49	8.70	8.30	7.65	7.19	6.82	6.30
New Hampshire	7.76	8.69	10.24	9.40	7.95	6.90	6.57	8.37
New Jersey	7.97	8.88	9.11	9.17	8.72	8.53	7.49	7.11
New Mexico	4.01	7.69	8.33	7.36	7.90	9.01	6.73	6.22
New York	9.70	11.42	12.00	11.64	10.64	9.20	8.87	8.21
North Carolina	8.55	10.29	10.89	10.48	9.20	8.30	7.40	7.02
North Dakota	5.99	6.91	7.52	7.02	6.62	5.37	5.31	5.12
Ohio	6.58	7.37	7.82	7.70	6.31	6.26	5.77	5.64
Oklahoma	6.97	7.79	8.12	7.76	7.54	6.29	5.45	4.95
Oregon	7.54	8.51	8.65	8.30	7.73	7.40	7.02	6.92
Pennsylvania	8.27	9.68	10.45	10.03	9.07	8.04	7.59	7.13
Rhode Island	9.20	11.18	11.33	11.24	10.26	9.13	9.11	8.57
South Carolina	8.25	9.34	9.42	9.38	8.93	8.20	8.26	8.10
South Dakota	5.59	7.23	6.94	9.82	7.72	5.60	5.44	5.36
Tennessee	6.81	7.63	7.97	7.63	7.67	7.15	6.51	6.17
Texas	7.46	7.70	8.02	7.91	7.48	7.08	6.24	5.72
Utah	4.24	5.41	5.61	5.60	5.85	5.72	4.71	5.31
Vermont	7.85	9.05	9.59	9.41	8.02	7.32	6.82	6.63
Virginia	9.51	10.97	11.15	11.28	10.12	9.31	8.08	7.17
Washington	6.14	7.05	7.40	6.75	6.27	5.92	5.59	5.41
West Virginia	7.67	8.91	9.64	10.14	5.67	5.27	4.57	6.82
Wisconsin	5.53	6.29	6.67	6.59	6.33	6.19	6.43	6.57
Wyoming	5.22	6.04	6.58	6.46	5.97	5.15	4.82	4.83
Total	6.87	7.83	8.20	8.08	7.66	6.84	6.61	6.30

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1994		1993					
	February	January	Total	December	November	October	September	August
Alabama	6.42	6.44	7.10	6.85	7.43	9.63	9.95	9.91
Alaska	3.51	3.51	3.96	3.86	3.94	4.00	4.32	4.50
Arizona	5.37	6.62	7.20	6.72	7.70	9.33	9.68	9.88
Arkansas	5.09	4.98	5.38	5.30	5.46	6.74	7.59	7.30
California	6.25	6.35	6.23	6.33	6.29	6.69	6.67	6.61
Colorado	4.58	4.57	4.52	4.56	4.55	5.03	5.58	6.08
Connecticut	9.39	9.41	9.43	9.34	9.20	9.87	11.43	11.14
Delaware	6.81	6.86	6.70	7.35	6.99	7.93	8.76	8.88
District of Columbia	8.19	8.06	8.34	8.20	8.46	9.10	9.81	8.58
Florida	9.24	8.78	9.41	8.85	10.08	11.08	11.24	11.52
Georgia	6.93	6.39	6.80	6.45	6.73	7.73	9.27	9.38
Hawaii	15.93	16.22	17.51	17.01	17.14	17.61	17.84	18.43
Idaho	5.60	5.59	5.38	5.57	5.92	6.26	6.52	6.79
Illinois	5.26	5.11	5.52	5.21	5.36	6.12	7.16	8.26
Indiana	6.22	5.64	5.76	5.55	5.61	5.91	7.45	8.22
Iowa	5.00	4.96	5.48	5.26	5.06	5.90	8.19	8.78
Kansas	4.99	5.44	4.91	5.18	5.34	6.09	6.61	6.55
Kentucky	4.99	4.95	5.25	5.04	5.15	5.62	7.49	7.65
Louisiana	5.78	5.60	6.09	6.48	6.65	7.92	8.15	8.09
Maine	7.75	7.62	7.47	7.80	7.89	7.53	8.56	9.06
Maryland	6.54	6.48	7.08	6.60	7.05	7.99	9.02	9.55
Massachusetts	8.70	8.78	8.33	9.39	9.30	7.30	8.27	8.50
Michigan	4.56	4.56	5.04	4.85	5.14	5.54	6.60	7.49
Minnesota	5.04	4.99	5.31	5.14	5.02	5.67	6.47	7.37
Mississippi	5.06	4.88	5.23	5.56	5.78	6.52	5.99	5.87
Missouri	5.24	5.33	5.37	5.28	5.52	6.88	8.17	8.45
Montana	4.92	4.91	4.92	4.90	5.09	5.33	5.67	5.91
Nebraska	4.70	4.84	4.96	4.77	4.98	5.73	6.43	6.75
Nevada	6.09	6.08	5.69	5.91	6.20	6.80	7.16	7.32
New Hampshire	8.19	8.15	7.66	8.52	8.93	7.09	8.45	9.29
New Jersey	7.07	6.96	6.99	6.97	7.03	7.50	8.72	8.99
New Mexico	5.47	6.30	5.46	4.61	4.13	4.42	7.56	7.95
New York	7.99	7.69	8.15	8.43	8.38	9.33	10.88	11.43
North Carolina	6.64	6.48	6.99	7.13	7.09	8.54	10.52	10.88
North Dakota	4.98	5.02	5.23	5.13	5.40	6.04	6.92	7.38
Ohio	5.42	5.57	5.71	5.52	5.90	6.22	7.53	7.83
Oklahoma	4.71	4.65	4.94	4.39	4.80	6.63	7.33	7.51
Oregon	6.79	6.75	6.42	6.62	6.79	7.50	8.01	8.04
Pennsylvania	6.96	6.71	6.84	6.78	6.98	7.43	8.90	9.54
Rhode Island	8.36	8.42	8.17	8.81	8.93	8.87	9.96	9.96
South Carolina	7.64	7.23	7.14	7.33	7.34	7.75	8.75	8.83
South Dakota	4.88	5.06	5.30	5.21	4.77	5.40	6.09	7.10
Tennessee	5.86	5.64	5.69	5.72	5.55	6.75	7.35	7.66
Texas	5.38	5.27	5.91	5.63	5.68	7.18	8.02	7.75
Utah	5.07	5.14	5.13	5.11	5.07	5.04	5.70	5.84
Vermont	6.55	6.44	6.19	6.23	6.50	6.88	7.96	7.81
Virginia	7.16	7.04	7.51	7.17	7.21	9.05	10.57	10.80
Washington	5.34	5.32	5.23	5.40	5.57	6.35	7.16	7.40
West Virginia	6.69	6.40	6.45	6.69	6.68	6.68	8.27	8.78
Wisconsin	6.57	6.50	6.34	6.55	6.49	6.79	7.40	7.68
Wyoming	4.70	4.63	4.77	4.89	4.99	5.26	5.83	6.04
Total	6.05	5.95	6.16	6.06	6.17	6.79	7.75	8.13

^R = Revised Data.

NA = Not Available.

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

Source: Form EIA-857.

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

(Dollars per Thousand Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995		1994		
				February	January	Total	December	November
Alabama	5.75	6.07	5.99	5.65	5.87	6.37	6.37	6.55
Alaska	2.55	2.52	2.90	2.53	2.57	2.47	2.56	2.46
Arizona	5.38	5.00	5.02	5.41	5.36	5.28	5.33	5.41
Arkansas	4.05	4.36	4.22	3.90	4.19	4.56	4.11	4.30
California	7.13	8.40	6.76	7.12	7.14	^R 7.07	6.48	^R 6.01
Colorado	4.12	4.19	3.92	4.13	4.12	4.29	4.20	4.35
Connecticut	7.57	7.43	7.24	7.43	7.73	7.31	7.30	7.24
Delaware	5.63	5.98	5.17	5.59	5.68	6.10	5.88	6.13
District of Columbia	5.99	6.78	5.90	6.14	5.82	6.24	6.10	6.00
Florida	5.13	5.66	5.61	5.04	5.22	5.54	5.37	5.36
Georgia	5.70	6.21	5.88	5.52	5.88	6.19	6.17	6.47
Hawaii	12.54	12.01	12.78	12.55	12.53	12.69	12.74	12.68
Idaho	4.78	4.95	4.30	4.86	4.72	5.03	4.76	5.06
Illinois	4.41	5.03	4.85	4.44	4.39	5.13	4.64	4.34
Indiana	4.56	5.30	4.85	4.58	4.55	^R 5.35	^R 4.70	^R 4.43
Iowa	3.87	4.45	4.25	3.93	3.82	4.52	4.18	3.94
Kansas	4.13	4.94	4.05	4.05	4.19	4.24	3.95	3.60
Kentucky	4.73	4.85	4.74	4.66	4.79	4.95	4.94	5.01
Louisiana	4.90	5.59	4.81	4.76	5.05	5.43	5.22	5.54
Maine	6.69	7.21	6.38	6.68	6.71	6.97	6.74	6.86
Maryland	4.96	5.67	5.78	4.95	4.98	5.48	4.97	5.03
Massachusetts	7.47	7.88	6.82	7.46	7.49	6.45	7.20	6.40
Michigan	4.31	4.51	4.43	4.32	4.30	4.63	4.45	4.51
Minnesota	4.04	4.57	4.48	3.93	^R 4.13	4.38	4.19	3.99
Mississippi	4.13	4.58	4.26	4.03	4.23	4.34	4.18	4.16
Missouri	4.28	5.17	4.63	4.20	4.36	5.03	4.41	4.39
Montana	4.90	4.86	4.50	4.96	4.85	4.97	4.85	4.91
Nebraska	NA	4.38	4.27	3.97	NA	4.20	4.04	3.92
Nevada	5.35	5.09	4.29	5.37	5.34	5.36	5.34	5.62
New Hampshire	6.85	7.70	6.97	6.85	6.86	7.16	6.94	7.19
New Jersey	5.87	6.22	5.63	5.56	6.20	^R 6.01	^R 6.11	^R 6.64
New Mexico	4.03	4.98	4.32	4.02	4.03	4.28	3.70	2.90
New York	6.03	6.58	6.02	6.07	5.99	6.45	6.16	5.96
North Carolina	5.31	5.84	5.57	5.17	5.46	5.80	5.72	6.13
North Dakota	3.83	4.58	4.55	3.80	3.85	4.48	3.92	3.97
Ohio	5.08	5.28	5.12	4.82	5.36	5.38	5.43	5.49
Oklahoma	4.61	4.62	4.45	4.54	4.67	4.73	4.78	4.88
Oregon	5.24	5.50	4.79	5.25	5.23	5.52	5.34	5.37
Pennsylvania	6.50	6.37	5.71	6.57	6.43	6.55	6.57	6.53
Rhode Island	3.89	7.78	7.03	4.03	3.74	7.36	6.81	6.23
South Carolina	6.59	6.44	6.15	6.57	6.61	6.07	6.49	6.55
South Dakota	NA	4.34	4.31	NA	3.72	4.34	3.74	3.74
Tennessee	5.01	5.54	5.29	4.86	5.17	5.51	5.28	5.49
Texas	4.61	4.74	4.82	4.54	4.67	4.44	4.53	4.53
Utah	3.74	4.08	4.28	3.77	3.72	3.84	3.60	3.96
Vermont	5.48	5.70	5.20	5.52	5.44	5.56	5.40	5.24
Virginia	5.37	5.76	5.62	5.44	5.30	5.66	5.26	5.57
Washington	5.03	4.72	4.41	5.02	5.04	4.86	5.02	4.95
West Virginia	5.95	6.00	5.47	5.95	5.94	5.57	6.21	6.69
Wisconsin	4.70	5.40	4.87	4.61	4.78	4.96	4.73	4.53
Wyoming	NA	4.36	4.12	4.35	NA	4.34	4.23	4.33
Total	5.15	5.55	5.19	5.11	^R5.19	^R5.43	^R5.23	^R5.18

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1994							
	October	September	August	July	June	May	April	March
Alabama	6.57	6.67	6.64	6.72	6.74	6.63	6.46	6.49
Alaska	2.35	2.31	2.22	2.27	2.36	2.49	2.57	2.59
Arizona	5.49	5.44	5.40	5.35	5.30	5.39	5.34	5.13
Arkansas	4.63	4.35	5.51	5.20	5.05	5.13	4.77	4.79
California	^a 5.67	^a 7.18	7.53	^a 5.41	^a 7.76	^a 5.84	^a 8.27	^a 8.26
Colorado	4.67	4.53	4.64	4.61	4.49	4.29	4.26	4.21
Connecticut	6.97	7.94	6.85	6.88	6.70	7.34	7.25	7.51
Delaware	6.41	6.57	6.55	6.51	6.32	6.61	6.10	5.99
District of Columbia	6.04	5.86	5.13	4.60	4.47	5.93	6.50	7.17
Florida	5.33	5.39	5.45	5.64	5.63	5.63	5.60	5.68
Georgia	6.03	4.75	6.06	6.04	6.11	6.28	6.59	6.43
Hawaii	13.19	12.69	12.66	12.64	12.32	15.54	12.17	11.77
Idaho	5.07	5.31	5.38	5.23	5.37	5.47	5.28	4.98
Illinois	4.82	5.79	6.21	6.46	6.13	6.08	5.75	5.29
Indiana	4.86	5.96	6.25	6.32	6.66	6.11	6.07	5.60
Iowa	4.29	5.73	4.55	5.57	5.18	4.87	4.81	4.72
Kansas	^a 3.51	3.63	3.34	3.50	3.63	4.07	4.44	4.77
Kentucky	4.96	5.15	5.49	5.44	5.33	5.42	4.92	4.74
Louisiana	5.38	5.20	5.33	5.66	5.25	5.47	5.21	5.38
Maine	6.50	6.56	6.76	6.73	6.62	6.44	7.47	7.09
Maryland	4.82	5.12	5.60	5.70	5.56	5.57	5.79	5.90
Massachusetts	4.27	4.13	3.69	4.09	4.20	4.79	7.40	7.57
Michigan	4.81	5.57	5.80	5.87	5.28	4.77	4.58	4.54
Minnesota	3.89	4.18	4.32	4.45	4.49	4.45	4.40	4.56
Mississippi	3.88	3.89	4.00	4.00	4.02	4.38	4.49	4.65
Missouri	4.85	5.07	5.36	5.17	5.14	5.00	5.23	5.18
Montana	5.18	5.48	5.62	5.55	5.33	5.03	4.89	4.84
Nebraska	4.01	3.76	3.66	3.69	3.77	5.30	4.51	4.48
Nevada	5.58	5.66	5.74	5.65	5.55	5.50	5.36	5.19
New Hampshire	6.27	6.43	6.67	6.61	6.39	6.06	6.30	7.81
New Jersey	5.39	5.23	5.46	6.21	5.66	5.59	5.52	6.22
New Mexico	2.97	4.15	4.24	3.98	4.53	5.25	4.81	5.00
New York	5.78	5.95	5.80	6.10	6.42	6.79	7.00	6.86
North Carolina	5.55	5.58	5.62	5.74	5.73	5.66	5.75	5.93
North Dakota	4.32	4.95	5.04	5.02	4.97	4.54	4.63	4.66
Ohio	5.63	5.71	5.94	5.88	5.18	5.56	5.34	5.30
Oklahoma	4.88	4.65	4.93	4.75	4.95	4.78	4.82	4.76
Oregon	5.51	5.80	6.04	5.86	5.61	5.56	5.49	5.52
Pennsylvania	6.55	6.71	6.71	7.15	7.03	6.73	6.79	6.50
Rhode Island	6.58	7.61	5.92	6.66	7.38	7.58	7.94	7.91
South Carolina	5.56	5.71	5.57	5.57	4.07	5.46	6.78	6.47
South Dakota	4.16	5.40	5.02	7.10	5.48	4.39	4.41	4.46
Tennessee	5.24	5.17	5.52	5.28	5.63	5.63	5.70	5.71
Texas	4.62	4.43	4.01	3.96	4.00	4.54	4.34	4.52
Utah	3.42	3.64	3.71	3.76	3.98	3.81	3.36	4.10
Vermont	5.32	5.55	2.84	5.86	5.81	5.58	5.63	5.96
Virginia	5.74	5.84	5.89	5.52	5.76	5.76	5.69	5.59
Washington	4.75	5.00	5.12	4.99	4.87	4.81	4.81	4.86
West Virginia	5.21	4.50	5.40	4.46	4.56	3.82	4.30	6.17
Wisconsin	3.98	4.18	4.43	4.59	4.24	4.54	4.92	5.30
Wyoming	4.38	4.50	4.61	4.50	4.35	4.30	4.27	4.36
Total	^a 5.09	^a 5.34	5.28	^a 5.23	^a 5.36	^a 5.44	^a 5.59	^a 5.66

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1994		1993					
	February	January	Total	December	November	October	September	August
Alabama	6.03	6.12	6.19	6.07	6.34	6.83	6.92	6.83
Alaska	2.55	2.50	2.78	2.84	2.76	2.70	2.64	2.54
Arizona	4.83	5.04	5.06	5.10	5.31	5.37	5.17	5.01
Arkansas	4.41	4.32	4.42	4.46	4.53	4.87	4.96	4.64
California	^R 8.69	^R 8.15	6.03	5.69	5.03	4.92	5.75	6.58
Colorado	4.19	4.19	4.04	4.24	4.13	4.18	4.05	4.19
Connecticut	7.57	7.29	7.02	7.31	6.64	6.40	6.81	6.45
Delaware	5.98	5.98	5.46	5.75	5.83	5.63	6.04	5.68
District of Columbia	7.21	6.43	5.75	5.79	5.96	4.99	5.56	5.50
Florida	5.74	5.59	5.81	5.81	5.82	5.71	5.60	5.58
Georgia	6.45	6.02	5.83	5.95	5.78	6.11	6.29	6.14
Hawaii	11.94	12.07	12.90	12.54	12.63	12.84	12.86	13.08
Idaho	4.92	4.97	4.65	4.93	5.23	5.21	5.21	5.16
Illinois	5.05	5.02	5.10	5.03	5.00	5.49	5.80	6.53
Indiana	5.46	5.15	4.99	5.05	4.95	5.00	5.40	5.65
Iowa	4.45	4.45	4.52	4.67	4.06	4.55	5.43	5.40
Kansas	4.72	5.14	4.06	4.75	4.55	4.24	3.78	3.41
Kentucky	4.79	4.90	4.82	5.13	4.94	4.89	5.50	5.10
Louisiana	5.63	5.55	5.33	6.17	5.88	5.86	5.64	5.64
Maine	7.23	7.19	6.76	7.25	7.40	6.49	6.81	6.42
Maryland	5.83	5.54	5.72	5.41	5.54	6.21	5.78	6.04
Massachusetts	7.89	7.87	6.04	7.20	6.48	4.33	4.19	4.16
Michigan	4.48	4.54	4.66	4.64	4.82	5.09	5.64	5.92
Minnesota	4.56	4.57	4.52	4.51	4.15	4.43	4.82	5.21
Mississippi	4.67	4.50	4.38	4.83	4.74	4.64	4.41	4.12
Missouri	5.18	5.16	4.76	5.03	4.86	5.21	5.42	5.20
Montana	4.87	4.85	4.67	4.74	4.82	4.84	4.98	5.03
Nebraska	4.32	4.44	4.27	4.27	4.16	4.21	4.79	4.18
Nevada	5.10	5.09	4.40	4.90	4.44	4.41	4.42	4.42
New Hampshire	7.72	7.68	6.83	7.77	7.96	5.97	6.13	6.21
New Jersey	6.25	6.18	5.60	6.13	6.03	5.27	5.28	5.55
New Mexico	4.64	5.32	4.31	4.02	3.54	3.44	4.58	4.35
New York	6.66	6.49	6.16	6.50	6.15	5.94	5.88	5.94
North Carolina	5.88	5.80	5.51	5.86	5.80	5.55	5.42	5.53
North Dakota	4.57	4.58	4.75	4.66	4.68	5.24	5.50	5.61
Ohio	5.20	5.35	5.24	5.20	5.48	5.58	5.93	5.99
Oklahoma	4.63	4.60	4.41	4.30	4.38	4.43	4.54	4.37
Oregon	5.50	5.50	5.04	5.35	5.25	5.35	5.39	5.54
Pennsylvania	6.55	6.22	5.99	5.99	6.02	6.05	6.59	6.90
Rhode Island	7.90	7.66	7.10	7.47	7.33	6.58	6.96	6.60
South Carolina	6.56	6.34	5.82	6.12	6.00	5.44	5.30	5.41
South Dakota	4.32	4.36	4.37	4.57	3.85	4.10	4.31	4.77
Tennessee	5.64	5.46	5.27	5.52	5.26	5.27	5.31	5.37
Texas	4.73	4.75	4.45	4.76	4.88	4.74	4.48	3.89
Utah	4.14	4.03	4.06	4.24	3.91	3.41	3.46	3.38
Vermont	5.73	5.67	5.25	5.06	5.06	4.92	5.11	5.69
Virginia	5.81	5.72	5.60	5.62	5.46	5.62	5.71	6.12
Washington	4.76	4.69	4.53	4.16	4.79	4.88	5.08	5.10
West Virginia	6.08	5.94	5.87	6.09	6.10	6.14	7.11	7.36
Wisconsin	5.43	5.38	5.16	5.45	5.31	5.48	5.86	5.74
Wyoming	4.33	4.39	4.23	4.45	4.53	4.12	4.38	4.20
Total	^R 5.59	^R 5.50	5.22	5.33	5.21	5.18	5.35	5.34

^R = Revised Data.

NA = Not Available.

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

Source: Form EIA-857.

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

(Dollars per Thousand Cubic Feet)

State	YTD 1995	YTD 1994	YTD 1993	1995		1994		
				February	January	Total	December	November
Alabama	3.15	3.85	3.38	3.13	3.16	3.36	3.23	3.17
Alaska	1.51	1.40	1.35	1.52	1.51	^R 1.44	^R 1.50	1.45
Arizona	4.29	4.07	3.97	4.28	4.29	3.54	4.61	3.42
Arkansas	3.02	3.24	3.35	2.84	3.19	3.29	3.45	3.23
California	4.46	3.21	3.36	4.30	^R 4.62	^R 3.28	^R 4.52	^R 5.04
Colorado	2.04	2.56	2.41	1.90	2.16	2.34	2.24	2.27
Connecticut	5.31	5.35	5.41	5.21	5.42	4.47	4.74	4.24
Delaware	3.53	4.37	3.27	3.63	3.43	3.41	3.29	3.10
District of Columbia	—	—	—	—	—	1.00	—	—
Florida	3.13	3.85	3.54	3.11	3.14	3.52	3.25	3.20
Georgia	3.78	4.77	3.91	3.87	3.72	3.86	3.80	3.73
Hawaii	—	—	—	—	—	1.00	—	—
Idaho ^A	3.87	4.16	—	3.91	3.81	1.96	3.95	0.48
Illinois	3.96	4.83	4.12	3.98	3.94	4.46	4.17	3.24
Indiana	2.36	4.56	3.73	3.81	1.74	^R 4.43	^R 3.97	^R 3.58
Iowa	3.09	3.84	3.79	2.97	3.19	4.03	3.85	2.90
Kansas	2.14	3.12	2.70	2.09	2.18	^R 2.61	^R 2.42	^R 2.24
Kentucky	3.59	3.96	3.84	3.47	3.71	3.67	3.66	3.50
Louisiana	1.78	2.48	2.13	1.72	1.85	2.15	1.87	1.75
Maine	5.74	6.32	5.05	5.74	5.73	4.79	5.24	4.38
Maryland	2.93	NA	3.52	2.69	3.35	4.11	3.14	NA
Massachusetts	6.66	7.29	6.37	6.65	^R 6.68	5.43	6.47	5.23
Michigan	4.05	4.09	3.83	4.14	3.97	4.22	4.16	4.17
Minnesota	2.97	3.28	3.30	2.87	^R 3.04	2.94	2.73	2.91
Mississippi	2.67	3.23	2.77	2.59	2.74	2.97	2.80	2.80
Missouri	3.74	4.80	3.77	3.69	3.78	4.36	3.85	3.61
Montana	3.90	4.70	2.61	2.59	4.86	4.85	4.86	4.87
Nebraska	2.92	3.51	3.07	2.88	2.95	3.05	2.89	2.76
Nevada	5.50	5.67	3.86	5.59	5.41	5.67	5.71	5.85
New Hampshire	6.21	7.09	5.99	6.52	5.98	4.44	4.88	3.86
New Jersey	3.44	4.23	3.92	3.29	3.59	3.50	3.56	3.13
New Mexico	4.05	4.78	4.88	5.37	3.83	3.60	3.46	2.96
New York	4.90	6.20	5.35	4.89	4.91	5.69	5.51	5.06
North Carolina	3.95	4.36	4.06	3.93	3.96	3.69	3.80	3.49
North Dakota	2.98	3.67	3.38	2.90	3.07	3.10	1.44	3.15
Ohio	4.84	5.04	4.69	4.70	4.99	4.83	4.87	4.67
Oklahoma	2.33	2.39	2.16	2.09	2.58	2.23	2.43	2.82
Oregon	3.47	3.63	3.57	3.48	3.47	3.60	3.60	3.74
Pennsylvania	4.22	4.67	3.99	4.48	3.98	4.16	3.94	4.12
Rhode Island	6.79	6.74	6.18	7.10	6.51	4.35	4.32	3.88
South Carolina	3.55	4.02	3.52	2.76	4.33	3.22	3.19	3.03
South Dakota	NA	3.63	3.41	NA	3.39	3.74	3.48	3.30
Tennessee	3.66	4.08	3.91	3.73	3.59	^R 3.75	^R 3.39	3.45
Texas	1.96	2.40	2.00	1.99	1.93	2.18	2.07	2.04
Utah	2.63	3.98	3.77	2.63	2.63	2.76	2.04	2.59
Vermont	3.46	3.56	3.73	3.56	3.38	3.45	3.41	3.30
Virginia	4.35	4.81	4.46	4.43	4.29	4.95	5.03	5.63
Washington	2.86	3.15	3.01	2.79	2.93	2.87	3.08	2.85
West Virginia	2.71	3.56	3.07	2.66	2.76	3.06	2.89	2.84
Wisconsin	3.14	4.13	3.54	3.50	2.80	3.50	3.58	3.35
Wyoming	NA	3.16	3.25	3.37	NA	3.12	3.24	3.14
Total	2.94	3.52	3.09	2.97	^R2.91	^R3.05	^R3.03	^R2.88

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1994							
	October	September	August	July	June	May	April	March
Alabama	2.84	3.05	3.15	3.10	3.29	3.44	3.49	3.82
Alaska	1.45	1.45	1.45	1.45	1.40	1.40	1.40	1.40
Arizona	3.12	3.38	3.20	3.21	3.29	3.53	3.59	3.94
Arkansas	3.22	3.22	3.22	3.30	3.30	3.31	3.35	3.38
California	2.64	2.87	2.58	^a 3.61	2.43	3.64	2.51	^a 4.85
Colorado	1.94	2.12	2.08	2.06	2.29	2.90	2.44	2.51
Connecticut	3.75	3.75	3.76	3.80	3.98	4.05	4.76	5.42
Delaware	2.87	3.05	3.31	3.28	3.15	3.47	4.15	3.59
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.21	3.35	3.46	3.44	3.55	3.56	3.69	3.82
Georgia	3.37	3.44	3.55	3.83	3.15	3.79	3.91	3.99
Hawaii	—	—	—	—	—	—	—	—
Idaho ^a	1.96	2.36	3.56	2.16	2.37	3.90	3.99	4.09
Illinois	3.28	4.14	4.82	4.35	4.55	4.88	5.02	4.64
Indiana	3.64	4.29	4.85	4.72	4.51	4.87	5.05	4.74
Iowa	3.23	4.91	7.19	5.44	4.10	3.46	4.08	3.80
Kansas	^a 1.86	2.33	2.78	2.73	3.02	2.69	3.08	3.70
Kentucky	3.31	3.28	3.60	3.50	3.49	3.51	3.67	3.86
Louisiana	1.69	1.92	2.12	2.12	2.19	2.33	2.41	2.66
Maine	3.95	4.03	4.00	3.90	4.13	3.91	5.52	6.29
Maryland	3.63	3.21	3.52	3.78	4.14	3.66	5.14	4.73
Massachusetts	3.96	3.94	4.03	4.00	4.16	4.92	5.98	6.96
Michigan	4.26	5.15	4.85	4.72	4.43	4.29	4.18	4.14
Minnesota	2.87	2.47	2.49	2.66	2.69	2.76	3.07	3.21
Mississippi	2.60	2.67	2.89	2.99	2.90	3.03	3.06	3.35
Missouri	3.75	3.96	4.05	4.09	4.06	4.17	4.77	4.81
Montana	4.96	5.02	5.00	4.95	4.93	4.85	4.74	4.92
Nebraska	2.44	2.66	2.54	2.73	2.70	3.01	3.11	3.61
Nevada	5.60	5.71	5.64	5.60	5.59	5.66	5.64	5.67
New Hampshire	3.18	3.43	3.34	3.51	3.52	3.70	4.92	5.47
New Jersey	2.79	2.87	3.10	3.09	3.46	3.39	3.49	4.33
New Mexico	2.96	3.37	3.32	3.33	3.86	3.77	4.70	5.00
New York	4.69	4.58	4.51	4.85	5.34	5.57	6.57	6.40
North Carolina	3.28	3.31	3.36	3.30	3.18	3.35	3.47	4.04
North Dakota	3.05	3.19	3.12	3.07	3.13	3.13	3.26	3.41
Ohio	4.54	4.66	4.52	4.65	4.45	4.71	4.89	4.85
Oklahoma	1.76	1.91	1.97	1.93	2.19	1.96	2.42	2.47
Oregon	3.68	3.69	3.66	3.67	3.52	3.47	3.42	3.55
Pennsylvania	3.85	3.99	3.82	3.72	3.73	3.93	4.30	4.25
Rhode Island	3.40	3.74	3.76	3.88	3.83	4.12	4.70	5.98
South Carolina	2.73	3.00	3.17	3.08	3.08	3.22	3.21	3.68
South Dakota	3.59	4.55	4.51	4.72	4.63	3.45	3.47	3.62
Tennessee	3.51	3.47	3.59	3.73	3.70	3.93	4.04	3.86
Texas	1.77	1.83	2.07	2.29	2.02	2.32	2.25	2.52
Utah	2.44	2.52	2.50	2.50	2.51	2.58	3.37	3.01
Vermont	3.34	3.08	3.55	3.35	3.30	3.31	3.61	3.84
Virginia	5.70	6.01	5.68	4.28	4.65	4.56	4.69	4.81
Washington	2.60	2.62	2.58	2.64	2.67	2.87	2.98	3.15
West Virginia	2.63	2.67	2.51	2.85	2.54	3.19	3.03	3.54
Wisconsin	2.66	2.57	2.83	2.91	2.90	3.20	3.58	4.20
Wyoming	3.13	3.11	2.98	3.14	3.13	3.15	3.06	3.08
Total	2.51	2.60	2.75	^a 2.84	2.78	3.00	3.08	^a 3.59

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1994		1993					
	February	January	Total	December	November	October	September	August
Alabama	3.87	3.83	3.37	3.59	3.20	3.08	3.41	3.20
Alaska	1.40	1.40	1.29	1.20	1.20	1.20	1.24	1.24
Arizona	4.24	4.05	4.02	3.95	4.08	4.07	3.97	4.01
Arkansas	3.24	3.24	3.31	3.45	3.41	3.39	3.34	3.22
California	3.31	3.11	2.82	2.50	2.22	1.97	2.44	2.74
Colorado	2.58	2.55	2.35	2.65	2.49	2.51	2.10	2.20
Connecticut	5.74	5.04	4.77	5.17	4.69	3.91	4.29	4.25
Delaware	4.48	4.26	3.40	3.85	3.61	3.37	3.44	3.17
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.93	3.78	3.83	3.96	3.99	3.86	3.82	3.81
Georgia	4.87	4.69	4.10	4.19	4.07	4.20	4.81	3.88
Hawaii	—	—	—	—	—	—	—	—
Idaho ^a	4.19	4.11	3.02	—	—	—	—	—
Illinois	4.92	4.75	4.44	4.87	4.63	4.61	4.39	4.76
Indiana	4.69	4.42	3.71	4.37	4.05	3.49	4.27	3.72
Iowa	3.93	3.76	3.77	4.35	3.53	2.60	4.38	3.83
Kansas	3.09	3.14	2.64	2.92	2.65	2.48	2.74	2.54
Kentucky	3.78	4.25	3.66	4.02	3.98	3.68	3.58	3.54
Louisiana	2.43	2.53	2.30	2.54	2.32	2.40	2.42	2.23
Maine	6.28	6.36	4.65	5.68	4.84	4.33	3.97	3.96
Maryland	5.32	3.16	3.59	3.60	3.59	2.79	3.89	3.81
Massachusetts	7.35	7.23	5.08	6.96	5.57	3.86	3.90	3.68
Michigan	4.04	4.15	3.91	3.88	3.99	4.05	4.27	4.11
Minnesota	3.30	3.27	3.20	3.19	3.85	2.97	3.08	3.43
Mississippi	3.37	3.10	2.99	3.40	3.21	3.03	3.25	3.01
Missouri	4.69	4.91	4.25	8.63	3.64	3.69	3.48	3.48
Montana	4.70	4.70	2.76	3.20	3.17	3.36	3.12	2.83
Nebraska	3.54	3.49	3.09	3.48	3.14	3.11	3.13	2.79
Nevada	5.68	5.65	4.30	4.20	4.80	5.19	4.93	4.33
New Hampshire	7.11	7.07	4.68	6.25	5.25	4.08	3.88	3.88
New Jersey	4.17	4.29	3.70	3.87	3.70	3.58	3.42	3.33
New Mexico	4.13	7.34	3.82	3.86	3.84	2.93	6.98	3.55
New York	6.32	6.07	5.17	5.06	4.77	4.84	4.73	5.41
North Carolina	4.20	4.54	3.74	4.40	4.00	3.49	3.47	3.31
North Dakota	3.88	3.49	3.42	3.31	3.40	3.43	3.20	3.81
Ohio	4.92	5.17	4.64	4.81	4.91	4.63	4.85	4.68
Oklahoma	2.31	2.48	2.20	2.49	2.23	2.15	2.29	2.27
Oregon	3.50	3.75	3.48	3.73	3.46	3.26	3.37	3.36
Pennsylvania	4.68	4.67	3.85	4.03	3.81	3.89	3.91	3.45
Rhode Island	7.08	6.40	5.11	5.24	4.49	4.54	4.75	3.95
South Carolina	3.99	4.06	3.35	3.81	3.40	3.15	3.33	3.08
South Dakota	3.52	3.74	3.76	4.61	4.20	3.70	3.92	3.93
Tennessee	4.02	4.16	3.89	4.06	3.96	3.87	3.92	3.69
Texas	2.37	2.43	2.51	2.44	2.23	2.11	2.45	2.25
Utah	4.92	3.09	3.67	5.02	4.27	3.82	3.50	3.35
Vermont	3.69	3.43	3.57	3.46	3.51	3.42	3.38	3.47
Virginia	4.75	4.87	3.88	3.92	4.33	3.82	3.70	2.54
Washington	3.13	3.16	3.22	3.22	3.33	3.32	3.44	3.37
West Virginia	3.68	3.45	2.66	3.15	2.88	2.57	2.87	2.52
Wisconsin	4.18	4.08	3.52	3.81	3.56	3.52	3.50	3.22
Wyoming	3.24	3.08	3.62	4.50	4.60	4.11	3.94	3.78
Total	3.50	3.54	3.07	3.28	3.02	2.77	2.95	2.76

^R = Revised Data.

NA = Not Available.

— = Not Applicable.

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

Source: Form EIA-857.

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

State	1995	1994						
	January	Total	December	November	October	September	August	July
Alabama	2.19	2.37	2.23	2.16	2.10	1.94	2.24	2.33
Alaska	0.87	0.72	0.70	0.71	0.71	0.72	0.72	0.72
Arizona	1.67	2.23	2.19	2.07	1.81	2.07	2.09	2.25
Arkansas	1.52	1.87	1.60	1.56	1.43	1.59	1.95	2.06
California	2.43	^R 2.56	2.30	2.44	2.38	^R 2.40	2.32	^R 2.43
Colorado	1.76	2.21	2.10	1.92	1.83	1.96	2.73	2.04
Connecticut	2.31	1.99	2.23	2.03	1.64	1.71	2.03	2.37
Delaware	2.55	2.43	2.49	2.25	1.75	1.93	2.37	2.47
District of Columbia	—	—	—	—	—	—	—	—
Florida	1.94	2.18	2.35	2.01	1.82	1.77	2.00	2.25
Georgia	7.97	3.29	4.24	5.18	2.83	2.96	2.81	3.28
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	1.64	2.04	1.83	1.72	1.59	1.63	1.88	2.01
Indiana	2.52	2.72	2.48	2.29	2.05	2.03	2.31	2.42
Iowa	2.89	3.18	2.95	2.86	2.75	3.03	2.73	2.65
Kansas	1.82	1.89	2.00	1.80	1.40	1.71	1.78	1.92
Kentucky	2.63	2.93	2.87	2.91	2.45	2.39	2.63	2.76
Louisiana	1.88	2.17	1.96	1.88	1.72	1.73	2.08	^R 2.28
Maine	—	—	—	—	—	—	—	—
Maryland	2.76	2.57	2.70	2.36	2.38	2.21	2.49	2.57
Massachusetts	2.74	2.32	2.15	2.24	1.95	2.02	2.51	2.37
Michigan	0.64	0.97	0.45	0.50	1.13	0.85	0.74	1.42
Minnesota	2.10	2.14	2.08	2.22	1.88	2.03	2.06	2.07
Mississippi	1.78	1.98	1.88	1.72	1.58	1.75	1.99	2.18
Missouri	1.85	1.90	2.12	2.13	1.40	1.54	1.92	2.02
Montana	6.70	1.21	3.25	0.65	2.41	0.35	0.65	1.99
Nebraska	2.09	2.02	1.93	1.86	1.51	2.03	2.11	2.12
Nevada	1.89	1.99	1.92	1.96	1.54	1.69	1.94	1.94
New Hampshire	1.85	2.13	1.97	1.90	1.62	1.74	2.06	2.27
New Jersey	1.96	^R 2.17	^R 1.91	^R 1.88	^R 1.70	1.72	^R 2.16	^R 2.30
New Mexico	1.84	1.99	1.95	1.79	1.55	1.74	1.94	2.00
New York	2.41	2.30	2.35	2.19	1.96	2.00	2.22	2.35
North Carolina	—	3.38	3.52	3.52	2.74	2.47	2.49	2.49
North Dakota	3.64	4.11	3.57	3.64	—	—	4.21	4.16
Ohio	4.04	^R 3.85	4.98	4.38	4.06	4.80	^R 3.03	4.29
Oklahoma	2.46	2.76	2.56	2.55	2.64	2.43	2.58	2.50
Oregon	1.54	1.85	1.88	1.77	1.61	1.46	1.70	^R 1.74
Pennsylvania	2.52	2.36	2.54	2.19	1.99	1.92	2.21	2.52
Rhode Island	—	2.29	—	—	—	—	1.88	2.06
South Carolina	3.42	1.71	1.51	1.61	1.53	2.32	3.44	3.94
South Dakota	—	2.65	—	—	—	—	—	2.89
Tennessee	—	—	—	—	—	—	—	—
Texas	2.06	2.20	2.13	2.02	1.85	1.93	2.04	2.22
Utah	2.66	^R 2.42	2.59	2.62	2.20	2.18	2.24	^R 2.62
Vermont	1.82	2.31	2.09	2.08	2.05	1.92	2.43	2.24
Virginia	2.83	2.66	2.67	2.24	1.96	2.10	2.41	2.68
Washington	4.49	4.73	8.64	4.77	6.41	4.47	0.15	5.07
West Virginia	3.63	4.00	3.90	3.61	3.99	3.97	3.75	4.20
Wisconsin	2.40	2.66	2.55	2.23	2.10	2.15	2.34	2.48
Wyoming	7.69	4.60	5.54	1.59	5.55	0.19	6.72	3.99
Total	2.13	2.27	2.17	2.10	1.95	2.00	2.13	2.28

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1994						1993	
	June	May	April	March	February	January	Total	December
Alabama	2.17	2.48	2.54	3.15	3.18	2.89	2.65	2.98
Alaska	0.72	0.73	0.72	0.74	0.75	0.75	0.64	0.64
Arizona	2.15	2.71	2.51	2.64	2.74	^a 2.56	2.88	2.87
Arkansas	2.03	1.98	2.06	1.82	1.73	1.76	2.27	1.75
California	2.48	2.79	^a 2.70	2.98	3.05	2.82	3.05	3.03
Colorado	2.18	2.31	2.28	2.63	2.50	2.58	2.53	2.89
Connecticut	2.74	2.34	—	7.19	6.12	5.83	3.90	6.03
Delaware	2.35	2.76	2.84	2.86	3.68	3.14	2.69	2.97
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.08	2.76	2.27	2.37	2.40	2.40	2.36	2.12
Georgia	3.17	4.62	3.79	2.47	5.42	4.46	3.31	4.86
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	2.18	2.13	2.23	2.56	2.77	2.67	2.48	2.45
Indiana	2.44	2.91	2.62	3.20	4.09	4.12	2.77	3.01
Iowa	3.11	3.84	3.81	3.74	3.78	3.44	3.12	3.34
Kansas	1.88	2.07	1.98	2.30	2.53	2.30	2.26	2.30
Kentucky	2.83	3.51	3.44	3.13	3.45	3.01	3.07	3.35
Louisiana	2.21	2.39	2.37	2.67	3.00	2.64	2.49	2.77
Maine	—	—	—	—	—	—	—	—
Maryland	2.71	3.23	3.26	3.76	3.47	3.63	3.01	3.60
Massachusetts	2.40	2.55	2.67	3.34	2.94	3.80	2.72	2.23
Michigan	1.72	1.17	1.16	0.76	0.82	1.21	0.92	0.91
Minnesota	2.05	2.30	2.69	2.45	2.65	2.59	2.47	2.81
Mississippi	2.24	2.32	2.36	2.57	3.13	2.74	2.47	2.43
Missouri	2.06	2.20	2.21	2.84	2.63	2.61	2.34	2.63
Montana	2.48	0.90	3.42	4.83	3.30	0.93	2.83	1.99
Nebraska	1.86	1.94	2.10	2.58	3.14	3.11	2.66	3.14
Nevada	2.14	2.11	2.22	2.47	2.56	2.43	2.45	2.99
New Hampshire	2.35	2.16	—	—	—	—	2.21	—
New Jersey	2.24	2.52	^a 2.39	^a 2.83	2.68	^a 2.80	2.38	2.91
New Mexico	1.89	2.10	2.11	2.26	2.38	2.30	2.23	2.48
New York	2.35	2.48	2.56	2.94	3.17	3.06	2.73	2.79
North Carolina	2.46	3.02	3.25	3.97	4.00	4.20	3.63	4.18
North Dakota	4.11	4.13	4.61	4.51	—	4.46	4.59	4.51
Ohio	^a 4.24	^a 3.96	^a 3.48	^a 4.76	4.40	4.32	2.94	3.67
Oklahoma	2.66	2.89	3.32	3.44	3.41	3.33	3.23	3.38
Oregon	1.91	—	1.85	2.21	2.11	2.30	2.28	2.67
Pennsylvania	2.53	3.26	3.11	3.04	3.73	4.11	2.65	4.45
Rhode Island	2.09	1.94	2.16	2.26	2.90	2.09	2.51	2.08
South Carolina	3.68	3.93	3.09	3.53	3.87	3.53	2.97	3.53
South Dakota	2.59	—	—	—	—	—	2.41	—
Tennessee	—	—	—	—	—	—	2.78	—
Texas	2.16	2.30	2.30	2.53	2.68	2.58	2.47	2.68
Utah	^a 2.46	^a 2.48	^a 1.93	^a 2.75	^a 2.79	^a 2.88	2.31	2.64
Vermont	2.93	1.87	2.16	—	3.79	—	2.01	2.19
Virginia	2.60	2.95	3.41	3.83	4.78	3.09	2.89	3.08
Washington	4.69	7.30	4.21	6.53	4.21	3.97	3.89	3.92
West Virginia	4.40	4.15	3.75	4.70	4.29	4.46	4.35	4.69
Wisconsin	2.41	2.68	2.83	3.35	3.46	3.53	2.66	3.72
Wyoming	6.89	3.80	3.80	4.09	3.99	1.64	3.44	3.77
Total	2.25	2.46	2.44	^a2.67	2.80	2.67	2.61	2.76

See footnotes at end of table.

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

(Dollars per Thousand Cubic Feet) — Continued

State	1993							
	November	October	September	August	July	June	May	April
Alabama	2.64	2.48	2.87	2.61	2.42	2.50	3.18	2.69
Alaska	0.63	0.64	0.63	0.64	0.63	0.61	0.63	0.63
Arizona	2.64	2.22	3.18	2.87	2.89	3.14	3.22	2.64
Arkansas	2.49	2.22	2.48	2.36	2.23	2.14	1.71	1.61
California	2.88	2.65	3.01	3.16	3.12	3.01	3.56	3.20
Colorado	2.45	2.48	2.48	3.83	2.19	2.14	2.46	2.22
Connecticut	7.04	7.40	5.60	3.17	2.53	6.19	9.99	8.63
Delaware	2.85	2.49	2.96	2.57	2.16	3.05	3.90	5.31
District of Columbia	—	—	—	—	—	—	—	—
Florida	2.12	2.35	2.31	2.32	2.39	2.37	2.67	2.59
Georgia	3.72	3.64	3.72	3.18	3.22	3.32	4.25	3.82
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	2.42	2.35	2.60	2.39	2.43	2.42	2.57	2.62
Indiana	2.66	2.53	2.78	2.78	2.88	2.81	3.04	2.57
Iowa	3.42	3.21	3.41	2.85	2.64	3.30	3.65	3.33
Kansas	2.09	2.09	2.28	2.25	2.27	2.17	2.56	2.53
Kentucky	3.05	2.76	3.12	2.92	2.82	3.06	3.87	3.22
Louisiana	2.52	2.36	2.71	2.51	2.34	2.34	2.98	2.55
Maine	—	—	—	—	—	—	—	—
Maryland	3.19	2.79	3.23	2.85	2.70	2.96	3.43	3.10
Massachusetts	2.82	2.58	2.79	2.57	2.57	2.47	3.01	2.88
Michigan	0.72	0.43	1.03	1.50	1.36	1.31	0.30	0.38
Minnesota	2.41	2.38	2.58	2.30	2.27	2.26	2.82	2.68
Mississippi	2.42	2.28	2.68	2.53	2.42	2.44	2.85	2.30
Missouri	2.35	2.05	2.51	2.34	2.34	2.26	2.79	2.56
Montana	1.06	4.78	5.00	5.15	4.89	3.87	3.34	8.88
Nebraska	2.86	2.58	2.87	3.01	2.35	2.26	2.87	2.45
Nevada	2.54	2.26	2.44	2.44	2.17	2.17	2.46	2.22
New Hampshire	—	—	—	—	2.11	2.21	2.21	2.22
New Jersey	2.42	2.38	2.64	2.34	2.20	2.44	2.70	2.72
New Mexico	2.22	2.02	2.32	2.22	2.07	1.94	2.61	2.36
New York	2.75	2.60	2.83	2.58	2.46	2.64	3.24	2.87
North Carolina	3.91	3.43	3.66	3.38	3.26	3.50	3.90	3.38
North Dakota	4.47	4.60	4.69	—	4.62	—	—	4.27
Ohio	4.16	3.73	3.84	3.92	3.67	3.32	3.54	3.72
Oklahoma	3.05	3.14	3.33	3.00	2.94	3.18	3.68	3.39
Oregon	2.31	2.06	2.16	2.09	—	—	—	—
Pennsylvania	2.92	2.69	2.94	2.67	2.54	2.56	3.21	3.14
Rhode Island	2.10	—	2.76	2.95	2.64	2.66	—	—
South Carolina	3.23	3.17	3.26	2.84	2.82	3.08	3.37	3.18
South Dakota	—	—	—	2.39	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	2.51	2.39	2.58	2.52	2.32	2.31	2.72	2.58
Utah	2.58	2.49	2.80	2.51	2.60	2.17	2.73	1.87
Vermont	2.17	2.01	—	—	1.96	1.93	2.28	2.28
Virginia	2.68	2.85	2.95	2.63	2.79	3.02	5.31	2.90
Washington	3.61	3.87	4.00	3.80	3.44	5.90	7.68	6.52
West Virginia	5.24	3.99	4.06	5.73	4.27	5.40	3.86	3.80
Wisconsin	3.40	2.50	2.81	2.24	2.46	2.62	3.02	2.66
Wyoming	3.77	3.77	3.71	3.68	3.71	3.39	3.47	3.41
Total	2.59	2.45	2.69	2.60	2.45	2.48	2.90	2.75

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

— = Revised Data.

— = Not Applicable.

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

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

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

State	1995				1994			
	February		January		Total		December	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	81.8	20.4	77.9	21.2	76.0	19.5	72.0	20.0
Alaska	83.9	98.0	100.0	86.6	100.0	^R 60.0	100.0	^R 97.0
Arizona	92.6	24.8	91.5	25.7	89.6	29.0	91.1	28.4
Arkansas	98.3	16.6	97.7	15.3	94.5	13.9	97.1	13.4
California	58.5	14.9	55.9	^R 15.6	^R 47.7	^R 16.7	70.9	^R 13.9
Colorado	95.8	22.0	95.6	24.3	^R 92.1	^R 24.1	95.6	26.9
Connecticut	88.1	92.8	85.9	87.9	81.2	94.0	83.7	99.1
Delaware	100.0	64.9	100.0	63.4	100.0	67.2	100.0	66.7
District of Columbia	86.4	—	81.7	—	91.2	—	82.4	—
Florida	97.2	12.4	96.5	13.0	97.4	14.5	96.4	15.2
Georgia	96.8	37.3	95.7	41.4	91.3	31.6	91.9	32.9
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	89.1	2.7	89.7	1.8	85.5	4.8	88.0	2.4
Illinois	52.5	14.0	54.0	13.9	51.8	10.7	50.9	9.6
Indiana	89.4	16.4	89.2	29.8	^R 77.1	^R 12.7	^R 86.9	^R 14.0
Iowa	91.8	10.8	74.9	13.3	89.9	11.0	90.5	9.6
Kansas	69.6	11.2	79.6	8.6	^R 73.4	^R 6.5	78.2	^R 9.4
Kentucky	90.5	24.0	90.1	23.6	90.9	29.1	89.3	24.6
Louisiana	98.1	35.1	97.7	^R 31.3	97.3	25.0	97.4	25.4
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	98.5	23.6	97.9	14.5	97.1	15.7	97.8	16.9
Massachusetts	85.8	41.0	87.5	^R 40.2	61.0	33.9	82.6	33.8
Michigan	70.4	14.1	71.1	^R 14.2	64.9	9.4	68.9	12.0
Minnesota	93.2	25.7	^R 93.0	^R 30.7	95.9	40.5	95.0	33.9
Mississippi	93.1	43.5	92.1	41.6	91.9	^R 31.5	90.2	37.9
Missouri	87.8	22.2	85.5	21.7	^R 76.4	^R 15.6	81.0	15.4
Montana	92.5	4.3	93.0	4.9	91.8	4.0	93.1	5.7
Nebraska	79.6	25.5	NA	26.9	80.4	23.7	76.8	24.6
Nevada	83.7	9.8	82.1	10.5	83.1	8.7	81.8	10.6
New Hampshire	99.6	53.6	100.0	66.2	100.0	93.4	100.0	69.3
New Jersey	91.7	43.2	93.1	43.7	^R 92.0	^R 58.5	^R 92.4	45.6
New Mexico	67.2	0.6	54.0	1.6	57.0	4.7	63.4	6.3
New York	82.0	16.6	79.8	17.5	71.5	^R 15.0	82.1	^R 22.7
North Carolina	95.9	46.8	95.6	45.7	94.0	56.1	99.3	63.4
North Dakota	85.7	25.1	84.2	25.0	79.7	26.0	76.8	31.5
Ohio	79.9	8.6	80.9	8.1	81.5	8.8	81.4	8.2
Oklahoma	91.0	26.4	91.4	17.5	85.7	23.6	88.7	20.0
Oregon	98.4	29.5	98.5	28.4	98.1	31.5	98.6	30.7
Pennsylvania	73.4	17.5	74.1	18.3	73.6	17.9	71.2	17.9
Rhode Island	100.0	37.4	100.0	38.1	100.0	52.1	100.0	52.7
South Carolina	97.1	76.1	97.4	76.2	98.1	76.7	99.9	84.7
South Dakota	NA	NA	92.1	38.2	89.1	37.4	92.1	39.6
Tennessee	94.8	33.7	94.6	35.8	75.4	^R 29.0	91.3	^R 35.3
Texas	70.4	22.4	72.3	27.0	^R 73.0	25.3	73.2	25.5
Utah	85.6	13.2	85.6	10.8	83.3	11.8	85.9	11.3
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	88.6	16.4	89.4	16.1	85.5	5.5	83.9	6.2
Washington	93.9	39.2	94.2	38.0	95.4	41.6	94.7	39.0
West Virginia	57.5	13.0	53.2	12.5	53.7	8.5	51.5	8.7
Wisconsin	95.1	53.4	94.5	52.7	88.6	49.9	74.5	61.8
Wyoming	98.4	0.7	NA	NA	97.5	1.8	97.9	1.7
Total	76.4	22.6	^R75.8	^R23.4	^R72.7	^R22.1	^R76.5	^R22.1

See footnotes at end of table.

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

State	1994							
	November		October		September		August	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	68.6	18.8	64.5	20.2	58.8	18.4	66.5	17.7
Alaska	100.0	60.7	100.0	58.9	100.0	49.2	100.0	46.7
Arizona	89.7	33.2	90.2	34.0	89.0	34.9	86.0	30.3
Arkansas	96.0	14.9	94.7	14.6	96.1	13.6	93.6	12.8
California	^a 57.3	^a 11.5	^a 51.7	17.9	^a 45.5	17.7	45.8	18.5
Colorado	93.5	27.6	91.8	29.4	93.2	25.6	91.8	28.1
Connecticut	78.2	99.9	69.2	91.5	58.6	82.3	61.5	80.1
Delaware	100.0	73.2	100.0	70.1	100.0	65.6	100.0	63.0
District of Columbia	76.9	—	72.6	—	73.9	—	88.8	—
Florida	97.4	15.9	97.5	11.8	98.2	11.1	98.1	11.5
Georgia	90.8	33.4	87.6	28.9	84.9	28.0	87.9	27.6
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	84.0	19.5	79.2	2.5	72.6	4.9	79.9	3.2
Illinois	48.8	12.0	46.4	9.0	38.7	6.4	35.4	5.2
Indiana	^a 61.2	13.1	78.8	10.2	74.3	8.2	71.3	8.1
Iowa	89.9	11.0	85.3	18.2	79.6	9.3	79.1	8.7
Kansas	82.6	^a 6.5	^a 76.3	^a 9.6	70.9	8.1	70.5	9.0
Kentucky	87.3	22.2	86.9	21.9	82.5	21.6	82.7	21.6
Louisiana	97.8	26.4	98.0	25.2	98.2	25.2	92.9	24.9
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	96.5	12.6	96.2	6.5	95.2	6.6	94.1	10.1
Massachusetts	53.3	35.9	40.1	34.6	43.2	33.1	53.9	34.1
Michigan	62.6	7.4	54.5	5.1	44.5	3.6	41.4	4.5
Minnesota	95.4	27.1	91.9	20.1	89.6	35.3	91.6	38.5
Mississippi	89.9	40.5	89.0	39.8	90.6	39.7	90.6	40.1
Missouri	75.7	11.3	68.7	10.3	66.7	11.4	68.5	14.4
Montana	91.2	3.8	89.0	3.7	87.6	2.1	87.9	2.1
Nebraska	66.2	18.9	62.1	24.1	66.6	19.9	79.9	21.6
Nevada	77.5	8.9	74.7	6.9	77.1	6.5	75.3	6.0
New Hampshire	100.0	78.2	100.0	81.0	100.0	100.0	100.0	100.0
New Jersey	^a 90.1	42.0	88.5	42.2	84.3	41.4	82.9	43.8
New Mexico	58.9	6.2	54.9	5.4	49.3	5.1	39.1	7.7
New York	78.3	19.4	76.6	16.1	75.3	15.1	73.7	13.2
North Carolina	93.2	49.3	86.3	37.2	86.7	35.9	89.1	44.0
North Dakota	82.2	24.2	64.1	12.9	61.9	11.3	63.3	19.6
Ohio	78.7	6.9	75.1	5.5	66.5	5.0	67.5	6.3
Oklahoma	81.6	21.1	73.7	19.8	71.4	28.1	68.9	21.1
Oregon	97.8	29.6	97.0	27.7	97.9	27.3	97.7	30.6
Pennsylvania	67.7	14.2	61.6	13.8	67.1	13.8	70.4	15.3
Rhode Island	100.0	59.0	100.0	54.4	100.0	48.7	100.0	53.0
South Carolina	95.6	83.4	94.9	83.9	94.5	80.6	95.0	82.0
South Dakota	88.4	41.0	83.4	33.4	79.0	26.9	82.0	25.6
Tennessee	90.0	32.9	86.0	31.6	87.2	41.8	75.5	29.8
Texas	55.8	23.8	50.5	24.9	62.7	19.1	61.6	24.0
Utah	83.9	18.3	83.8	16.9	79.9	12.8	79.1	12.3
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	76.5	5.4	85.9	4.1	69.4	3.1	69.5	4.8
Washington	94.2	36.7	93.9	38.4	94.5	38.0	91.9	39.9
West Virginia	41.7	7.5	44.1	7.7	46.7	7.1	41.0	7.3
Wisconsin	90.1	48.9	84.3	45.3	79.6	44.4	78.5	41.3
Wyoming	97.5	2.1	97.1	1.3	95.7	1.7	94.7	2.7
Total	^a 70.1	^a 20.9	^a 65.9	^a 21.0	^a 64.8	^a 19.5	^a 65.1	^a 20.6

See footnotes at end of table.

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

State	1994							
	July		June		May		April	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	69.8	20.3	71.8	17.9	73.5	18.2	79.3	19.0
Alaska	100.0	45.3	100.0	42.2	100.0	60.2	100.0	61.7
Arizona	86.9	29.6	88.1	30.9	90.3	29.2	89.7	31.9
Arkansas	93.5	12.1	90.7	12.7	90.1	13.6	94.2	14.5
California	^a 35.9	^a 13.6	^a 31.7	18.7	^a 46.9	19.7	^a 40.0	25.2
Colorado	91.5	27.2	94.4	24.4	95.5	15.6	95.1	29.4
Connecticut	62.8	96.9	68.2	90.6	74.6	98.0	89.0	94.3
Delaware	100.0	66.0	100.0	71.2	100.0	66.4	100.0	54.4
District of Columbia	77.2	—	94.5	—	95.8	—	98.8	—
Florida	97.9	10.9	98.0	15.9	97.1	22.3	98.0	15.0
Georgia	86.7	30.5	85.5	30.4	88.3	30.1	89.4	29.4
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	84.0	3.6	82.5	3.0	83.0	2.6	85.7	2.5
Illinois	35.2	5.9	36.9	6.2	45.5	6.4	48.9	9.3
Indiana	74.7	7.9	72.4	9.2	80.6	9.4	84.2	12.9
Iowa	80.4	7.4	83.3	9.6	87.3	8.9	90.0	7.9
Kansas	70.0	10.0	69.3	3.8	68.9	6.9	74.4	4.5
Kentucky	82.2	29.9	84.7	25.1	87.5	34.2	91.6	31.4
Louisiana	93.5	25.3	98.4	23.9	97.8	26.1	97.8	26.5
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	95.2	9.6	95.4	11.8	95.8	6.8	95.8	25.7
Massachusetts	45.5	29.6	52.5	31.5	61.8	35.3	77.0	35.2
Michigan	40.8	4.7	44.8	4.6	59.3	7.2	65.5	11.0
Minnesota	96.9	41.2	91.0	36.0	98.4	36.7	96.7	43.9
Mississippi	93.5	38.0	93.0	27.5	93.8	24.5	92.8	31.8
Missouri	68.7	14.4	73.7	16.3	77.8	16.8	84.2	21.0
Montana	88.7	2.5	89.7	2.6	91.9	3.2	91.8	3.9
Nebraska	77.4	17.4	75.8	18.9	82.3	20.9	84.2	20.7
Nevada	77.1	7.2	80.2	8.7	80.8	8.0	82.0	8.9
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	82.1	45.1	85.8	42.3	87.9	47.1	90.3	40.5
New Mexico	54.9	6.6	48.9	1.8	49.0	5.0	56.3	1.8
New York	68.3	17.7	73.5	13.1	73.7	14.6	77.9	20.5
North Carolina	90.7	49.3	90.9	53.0	93.1	50.8	94.6	53.4
North Dakota	66.3	23.3	69.8	20.2	78.5	23.8	82.2	30.2
Ohio	66.8	6.2	70.6	6.6	75.9	7.4	78.4	9.9
Oklahoma	69.8	27.1	77.4	21.2	85.2	23.1	87.2	27.1
Oregon	98.1	29.3	97.7	29.8	97.6	30.8	97.4	30.5
Pennsylvania	66.2	15.8	70.0	15.4	70.9	16.9	73.1	17.3
Rhode Island	100.0	42.1	100.0	52.6	100.0	65.0	100.0	70.0
South Carolina	96.5	81.3	98.1	82.5	97.4	71.0	97.6	68.2
South Dakota	72.7	35.2	74.7	27.9	84.8	32.1	88.4	41.9
Tennessee	84.6	31.3	87.2	33.2	86.4	29.2	91.5	30.7
Texas	72.8	25.5	60.5	24.1	49.4	27.2	64.0	28.3
Utah	76.6	11.2	78.4	10.9	77.8	11.3	82.5	8.2
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	79.9	3.6	73.5	3.1	82.8	8.9	80.2	12.1
Washington	92.5	37.7	92.2	38.9	92.2	49.1	97.4	40.9
West Virginia	46.2	7.4	43.4	8.5	54.6	8.9	53.1	7.5
Wisconsin	73.2	44.1	82.7	41.1	85.8	43.2	93.8	48.2
Wyoming	95.7	2.1	94.5	1.8	96.9	1.7	98.2	1.6
Total	^a 62.3	^a 20.8	^a 64.2	^a 20.6	^a 68.0	^a 21.9	^a 73.0	^a 23.3

See footnotes at end of table.

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

State	1994						1993	
	March		February		January		Total	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	80.5	18.8	84.8	23.3	82.8	21.1	80.8	27.5
Alaska	100.0	55.8	100.0	75.6	100.0	61.2	100.0	70.6
Arizona	91.6	28.3	73.5	3.5	94.0	24.8	91.5	25.0
Arkansas	94.8	12.8	95.4	18.2	93.2	13.7	91.8	14.0
California	^a 50.1	^a 15.7	^a 46.5	26.3	^a 50.8	24.1	76.9	26.3
Colorado	95.9	32.8	96.3	28.9	96.2	29.6	95.5	35.6
Connecticut	88.5	97.7	90.8	98.1	89.4	98.5	98.1	72.4
Delaware	100.0	64.5	100.0	70.5	100.0	68.6	100.0	74.7
District of Columbia	100.0	—	99.8	—	99.9	—	98.0	—
Florida	97.4	15.1	96.9	14.9	96.7	16.3	97.8	26.9
Georgia	91.6	32.4	94.4	36.6	96.7	41.7	90.5	32.8
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	88.0	2.4	88.5	3.1	87.7	2.3	86.8	0.3
Illinois	57.0	15.3	59.2	17.3	58.1	16.6	55.3	13.1
Indiana	89.4	16.8	95.2	23.1	89.3	18.7	95.2	20.1
Iowa	90.7	12.8	94.0	13.4	92.5	14.0	94.7	14.6
Kansas	81.6	2.5	85.0	5.7	81.5	6.2	82.6	13.0
Kentucky	94.2	38.0	95.6	50.6	93.3	27.0	92.6	30.1
Louisiana	97.9	25.5	98.0	23.5	97.5	22.8	98.1	31.1
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	98.2	30.8	98.3	36.8	98.1	19.6	96.6	20.2
Massachusetts	62.3	32.7	70.9	34.9	74.2	35.6	97.5	40.7
Michigan	70.1	13.7	70.8	15.6	73.0	14.5	68.6	11.8
Minnesota	97.2	56.5	97.4	57.0	97.3	60.9	97.0	43.4
Mississippi	92.5	34.1	93.2	33.0	91.9	32.8	96.6	39.6
Missouri	86.8	22.2	86.4	21.3	88.1	28.0	84.6	23.6
Montana	92.7	5.2	93.1	6.6	92.8	4.9	93.2	10.1
Nebraska	87.3	25.5	90.1	35.3	89.3	34.4	91.0	27.4
Nevada	86.6	8.9	89.7	12.8	94.0	11.2	92.7	17.1
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	96.4	56.9	96.4	65.2	95.1	64.7	91.6	55.9
New Mexico	59.4	2.2	63.6	6.4	61.8	1.4	62.5	5.4
New York	83.5	27.8	83.6	34.0	84.0	29.7	77.2	24.1
North Carolina	93.9	81.1	95.7	84.2	96.4	83.9	98.5	78.3
North Dakota	83.1	29.5	86.9	37.6	82.7	36.1	72.7	25.0
Ohio	84.9	11.2	86.5	14.3	87.4	13.1	84.6	10.2
Oklahoma	91.3	25.7	92.2	25.2	88.4	24.0	90.0	30.4
Oregon	98.3	35.5	98.6	39.0	98.5	37.3	97.9	28.1
Pennsylvania	76.6	22.7	79.8	25.9	78.9	23.4	77.4	24.2
Rhode Island	100.0	53.4	100.0	42.1	100.0	34.4	100.0	50.7
South Carolina	100.0	63.2	100.0	64.7	100.0	67.4	98.8	64.9
South Dakota	92.6	40.4	92.3	50.1	92.9	43.7	83.9	51.2
Tennessee	97.4	42.9	98.2	44.3	96.6	34.9	95.8	46.3
Texas	64.6	29.2	60.6	28.3	^a 63.2	24.4	83.8	32.2
Utah	83.0	9.7	85.3	9.2	83.9	8.8	100.0	6.9
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	91.2	12.9	96.6	13.4	94.4	14.8	88.8	30.9
Washington	97.6	47.0	97.6	48.8	97.7	47.2	93.9	41.3
West Virginia	57.0	8.3	60.8	11.9	64.7	10.0	54.3	20.6
Wisconsin	95.4	56.4	95.6	56.3	94.7	55.5	94.4	45.6
Wyoming	98.0	1.8	97.4	1.6	98.7	1.6	98.0	2.4
Total	^a 76.4	^a 24.3	^a 77.4	^a 25.8	^a 77.5	^a 23.9	83.9	29.8

See footnotes at end of table.

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

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

See footnotes at end of table.

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

State	1993							
	August		July		June		May	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	74.0	26.1	75.9	28.7	76.8	26.7	79.8	24.6
Alaska	100.0	61.4	100.0	73.3	100.0	79.7	100.0	70.9
Arizona	89.6	24.6	88.3	24.8	90.6	18.6	91.2	26.8
Arkansas	84.7	13.3	85.9	12.0	84.2	13.1	87.6	13.1
California	70.3	23.4	76.4	25.2	71.4	23.2	76.8	25.5
Colorado	93.1	36.8	93.0	36.4	95.5	34.0	95.2	34.0
Connecticut	98.4	68.0	88.3	66.0	99.3	69.6	99.4	68.2
Delaware	100.0	78.1	100.0	75.4	100.0	69.4	100.0	75.0
District of Columbia	88.4	—	96.8	—	99.8	—	100.0	—
Florida	98.3	19.8	98.3	20.3	98.4	39.0	98.4	33.7
Georgia	84.9	29.6	85.4	35.5	83.0	27.0	86.5	27.3
Hawaii	100.0	—	100.0	—	100.0	—	100.0	—
Idaho	81.3	—	82.8	—	82.3	—	87.4	—
Illinois	38.3	6.7	42.9	5.9	43.4	7.6	51.5	8.9
Indiana	91.1	15.5	90.4	12.9	91.9	14.0	100.0	25.1
Iowa	88.3	10.9	90.2	10.8	90.8	8.6	92.9	13.8
Kansas	86.3	20.8	84.4	17.0	83.0	14.6	85.3	12.6
Kentucky	81.6	20.4	89.9	22.4	93.5	30.0	92.4	34.6
Louisiana	98.8	30.6	98.8	30.2	98.9	30.5	98.9	32.5
Maine	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland	93.4	11.2	95.0	11.5	96.2	49.8	94.7	8.2
Massachusetts	89.2	35.1	96.8	44.3	97.7	43.5	96.5	50.6
Michigan	54.4	4.6	50.5	4.7	51.6	5.2	63.7	9.0
Minnesota	87.1	28.9	88.2	31.4	93.5	46.8	99.2	48.4
Mississippi	95.7	39.0	96.0	38.4	96.0	39.4	96.1	42.1
Missouri	69.2	16.2	72.2	18.3	74.7	17.2	78.0	20.5
Montana	91.2	8.2	91.2	7.6	91.1	9.8	94.9	13.7
Nebraska	87.8	27.3	88.1	20.8	88.4	20.7	89.5	26.7
Nevada	86.7	16.4	89.7	13.5	90.7	15.0	92.5	13.6
New Hampshire	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey	79.8	52.2	87.1	52.2	86.4	52.5	88.5	53.5
New Mexico	55.4	9.4	58.2	5.2	49.4	—	57.8	14.3
New York	72.1	16.5	69.1	15.9	66.2	18.7	71.3	17.4
North Carolina	95.2	54.8	95.4	52.8	95.4	54.8	100.0	94.6
North Dakota	54.0	14.9	58.1	16.5	62.6	15.7	73.3	18.9
Ohio	69.4	6.2	74.6	8.7	74.0	7.0	76.1	7.7
Oklahoma	82.3	32.0	80.5	31.2	83.2	28.4	89.1	27.4
Oregon	97.5	29.3	97.6	26.2	97.8	27.7	97.6	22.3
Pennsylvania	69.7	20.3	72.9	18.5	72.9	19.6	72.1	25.4
Rhode Island	100.0	46.5	100.0	48.1	100.0	54.7	100.0	50.5
South Carolina	91.6	62.6	92.3	63.6	100.0	64.6	100.0	59.2
South Dakota	72.9	45.5	74.9	54.3	73.3	37.5	76.4	42.8
Tennessee	91.1	40.0	91.6	38.7	91.3	39.8	97.7	47.4
Texas	85.1	32.3	82.6	33.5	80.9	29.5	80.1	32.3
Utah	100.0	8.5	100.0	7.0	100.0	8.5	100.0	7.4
Vermont	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia	77.2	22.6	85.4	23.3	87.6	28.7	90.1	33.9
Washington	90.4	33.8	90.6	35.1	89.8	39.3	90.8	42.7
West Virginia	30.6	18.0	30.3	26.1	33.6	19.9	47.5	20.1
Wisconsin	88.5	37.5	89.2	38.3	90.8	37.1	92.1	40.7
Wyoming	96.5	1.5	97.1	1.7	96.9	2.7	98.2	2.6
Total	78.3	27.6	79.4	28.3	79.2	27.5	82.3	29.7

^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, 1991-1995

Source: Form EIA-857.

Appendix A

Explanatory Notes

 

Appendix A

Explanatory Notes

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

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

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

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

Note 1. Nonhydrocarbon Gases Removed

Annual Data

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

Preliminary Monthly Data

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

Final Monthly Data

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

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

Note 2. Supplemental Gaseous Fuels

Annual Data

Annual data are published from Form EIA-176.

Preliminary Monthly Data

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

Final Monthly Data

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

Note 3. Production

Annual Data

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

Estimated Monthly Data

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

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

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. Preliminary monthly data are published from reports from the Interstate Oil and Gas Compact Commission (IOGCC) 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 1991 and 1992 are the sums of monthly data reported on the annual Form EIA-627, "Annual Quantity and Value of Natural Gas Report." For prior years, the differences between each State's annual production data reported on the EIA-627 and the sum of its monthly IOGCC reports for the year were allocated proportionally to the monthly IOGCC data.

Note 4. Imports and Exports

Annual Data and Final Monthly Data

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

Preliminary Monthly Data - Imports

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

Preliminary Monthly Data - Exports

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

Note 5. Consumption

All Annual Data

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

Monthly Data

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

Total Consumption

Preliminary Monthly Data

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

Final Monthly Data

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

Residential, Commercial, and Industrial Sector Consumption

Preliminary Monthly Data

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

Average Price of Deliveries to Consumers

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

Final Monthly Data

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

Electric Utility Sector Consumption

All Monthly Data

Monthly data published are from Form EIA-759.

Pipeline Fuel Consumption

Preliminary Monthly Data

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

Final Monthly Data

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

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

Lease and Plant Fuel Consumption

Preliminary Monthly Data

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

Final Monthly Data

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

Note 6. Extraction Loss

Annual Data

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

Preliminary Monthly Data

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

Final Monthly Data

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

Note 7. Natural Gas Storage

Underground Natural Gas Storage

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

Underground and Liquefied Natural Gas Storage

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

Note 8. Average Wellhead Value

Annual Data

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

Initial Monthly Data

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

Preliminary Monthly Data

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

Final Monthly Data

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

Note 9. Financial Data of Major Interstate Pipeline Companies

The prices in Table 4 for imports and purchases from producers by major interstate pipeline companies, and all data in Tables 8 through 12 are derived from Form FERC-11. Form FERC-11 is filed monthly by the approximately 51 major interstate natural gas pipeline companies. A major pipeline company is defined as

one "whose combined sales for resale, and gas transported interstate or stored for a fee exceeded 50 billion cubic feet in the previous calendar year."

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

Final Monthly Data

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

Note 10. Balancing Item

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

temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents.

Annual Data

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

Preliminary Monthly Data

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

Note 11. Heating Degree-Days

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

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

Appendix B

Data Sources

Appendix B

Data Sources

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

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

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

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

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

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

Survey Design

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

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

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

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

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

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

Survey Universe and Response Statistics

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

Each company and its parent company or subsidiaries were required to file if they met the survey specifications. The original mailing in 1994 for report year 1993 totaled 2,065 questionnaire packages. To this original mailing, 7 names were added and 72 were deleted as a result of the survey processing. Additions were the result of comparisons of the mailing list to other survey mailing lists. Deletions resulted from post office returns and determinations that companies were out of business, sold, or not within the scope of the survey. After all updates, the survey universe was 2,039 responses from approximately 1,800 companies.

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

Summary of Form EIA-176 Data Reporting Requirements

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

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

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

Routine Form EIA-176 Edit Checks

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

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

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

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

Other EIA Publications Referencing Form EIA-176

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

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

Survey Design

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

Survey Universe and Response Statistics

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

Summary of Form EIA-627 Data Reporting Requirements

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

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

Routine Form EIA-627 Edit Checks

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

Other EIA Publications Referencing Form EIA-627

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

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

Survey Design

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

Survey Universe and Response Statistics

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

Summary of Data Requirements

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

Routine Edit Checks

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

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

Survey Design

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

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

Survey Universe and Response Statistics

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

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

Summary of EIA-191 Data Reporting Requirements

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

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

Routine Form EIA-191 Edit Checks

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

Other EIA Publications Referencing Form EIA-191

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

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

Survey Design

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

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

Survey Universe and Response Statistics

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

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

Summary of Form FERC-11 Data Requirements

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

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

Routine Form FERC-11 Edit Checks

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

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

Other EIA Publications Referencing Form FERC-11

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

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

Survey Design

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

Survey Universe and Response Statistics

The Form FPC-14 is filed annually by each organization or individual having authority to import and export natural gas regardless of whether any activity took place during the reporting year. Authorizations to import and export was originally granted by the FPC. In 1977, the authority to grant authorizations transferred to the Economic Regulatory Administration (ERA). It now resides with the Office of Fossil Energy, U.S. Department of Energy. In 1993, there were 405 authorizations to import or export natural gas, but only 195 reported activity during the year.

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

Routine Form FPC-14 Edit Checks

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

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

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

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

Survey Design

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

Survey Universe and Response Statistics

A sample of 391 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 1,672 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 1992 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

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

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

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

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

$$C_j = \frac{X_{.j}}{2n} \quad (1)$$

where:

C_j = cutoff value for consumer sector j ,

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

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

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

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

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

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

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

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

where:

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

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

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using ($I = \frac{X_2}{m}$). A uniform random number R was selected between zero and I . The first sampled company was the first company on the list to have a cumulative measure of size greater than R . The second company selected was the first company on the list to have a cumulative measure of size greater than $R + I$. $R + I$ was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

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

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

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

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

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

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

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

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

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

Estimation Procedures

Estimates of Volumes. A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector—residential, commercial, and industrial—in each State where companies are sampled. The following annual data are taken from the most recent 1990 submissions of Form EIA-176: The formula for calculating the ratio estimator (E_{vj}) for the volume of gas in consumer sector j is:

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

where:

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

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

The ratio estimator is applied as follows:

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

where:

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

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

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

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

$$P_j = \frac{R_j}{V_j}$$

where:

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

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

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

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

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

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

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

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

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

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

where:

F_t = imputed gas volume for current month t ,

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

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

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

Final Revisions

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

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

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

The formula for revising the estimated consumption is:

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

where:

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

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

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

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

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

The formula for revising the estimated revenue is:

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

where:

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

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

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

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

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

Reliability of Monthly Data

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

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

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

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

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

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

where:

H = the total number of strata

N_h = the total number of companies in stratum h

n_h = the sample size in stratum h

y_i = the reported monthly volume for company i

x_i = the reported annual volume for company i

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

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

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	439	599	1,381	1,568	0.29	0.34	0.95
Alaska	0	0	0	0	--	--	--
Arizona	0	0	0	0	--	--	--
Arkansas	9	17	17	26	0.01	0.01	0.01
California	489	74	263	561	0.03	0.07	0.03
Colorado	1,956	204	802	2,124	0.33	0.05	0.51
Connecticut	0	0	0	0	--	--	--
Delaware	0	0	0	0	--	--	--
District of Columbia	0	0	0	0	--	--	--
Florida	2,212	1,083	524	2,518	6.94	0.56	0.57
Georgia	1,735	867	1,196	2,278	0.40	0.07	0.17
Hawaii	0	0	0	0	--	--	--
Idaho	0	0	0	0	--	--	--
Illinois	7,636	1,561	202	7,796	0.43	0.42	0.38
Indiana	1,044	74	1,429	1,771	0.19	0.17	0.07
Iowa	51	59	64	100	0.04	0.02	0.18
Kansas	606	1,079	18,615	18,656	0.09	0.69	6.78
Kentucky	229	319	1,507	1,557	0.02	0.02	0.45
Louisiana	26	360	62,294	62,295	0.13	0.09	0.44
Maine	0	0	0	0	--	--	--
Maryland	15	4	10	18	0.01	0.01	0.07
Massachusetts	482	47	171	513	0.22	0.17	0.12
Michigan	2,454	2,655	4,975	6,150	0.12	0.30	0.40
Minnesota	0	0	0	0	--	--	--
Mississippi	556	174	884	1,059	0.52	0.46	0.22
Missouri	3,680	1,603	5,570	6,866	0.07	0.09	0.12
Montana	8	8	0	11	0.01	0.01	--
Nebraska	66	121	56	149	0.12	0.03	0.32
Nevada	0	0	0	0	--	--	--
New Hampshire	0	0	0	0	--	--	--
New Jersey	0	0	0	0	--	--	--
New Mexico	306	67	0	314	0.33	0.15	--
New York	656	1,475	4,707	4,976	0.56	0.37	0.58
North Carolina	109	125	502	529	0.04	0.04	0.24
North Dakota	0	0	0	0	--	--	--
Ohio	2,199	1,217	4,242	4,930	0.19	0.32	0.10
Oklahoma	291	273	89	409	0.21	0.17	0.04
Oregon	0	0	0	0	--	--	--
Pennsylvania	0	0	0	0	--	--	--
Rhode Island	0	0	0	0	--	--	--
South Carolina	294	553	703	942	0.41	0.56	0.40
South Dakota	NA	NA	NA	NA	NA	NA	NA
Tennessee	768	1,074	1,160	1,758	0.21	0.27	0.33
Texas	1,585	6,701	29,965	30,746	0.04	0.05	0.77
Utah	0	0	0	0	--	--	--
Vermont	0	0	0	0	--	--	--
Virginia	332	265	826	929	0.25	0.71	1.81
Washington	0	0	0	0	--	--	--
West Virginia	170	671	112	702	0.07	0.58	0.07
Wisconsin	295	795	1,624	1,832	0.28	0.41	0.87
Wyoming	0	0	0	0	--	--	--
Total	10,048	8,192	72,359	73,511	0.07	0.09	0.62

NA = Not Available.

-- = Not Applicable.

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

Appendix D

Natural Gas Reports and Feature Articles

Appendix D

Natural Gas Reports and Feature Articles

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

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

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

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

Selected One-Time Natural Gas and Related Reports

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

Selected and Recurring Natural Gas and Related Data Reference Reports

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

NGM Feature Articles

March 1992

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

August 1992

U.S. Natural Gas Imports and Exports - 1991

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

November 1992

Natural Gas Futures Contract Market - The First 2 Years

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

December 1992

Three-Dimensional Seismology — A New Perspective

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

Imports of Canadian Gas Under Long-Term Contracts

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

March 1993

Natural Gas 1992: Issues and Trends

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

Natural Gas Productive Capacity

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

April 1993

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

August 1993

U.S. Natural Gas Imports and Exports - 1992

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

October 1993

U.S. Production of Natural Gas from Tight Reservoirs

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

The Expanding Role of Underground Storage

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

January 1994

U.S. Coalbed Methane Production

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

February 1994

Contracting for Natural Gas Supplies

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

May 1994

Opportunities with Fuel Cells

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

Revisions to Monthly Natural Gas Data

(Discusses the revision errors for natural gas data.)

June 1994

Natural Gas 1994: Issues and Trends - Executive Summary

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

August 1994

U.S. Natural Gas Imports and Exports - 1993

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

March 1995

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

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

Appendix E

Technical Contacts

Appendix E

Technical Contacts

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

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

Glossary

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

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

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

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

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

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

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

Dry Natural Gas Production: Marketed production less extraction loss.

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

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

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

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

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

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

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

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

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

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

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

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

Intrastate Companies: Companies not subject to FERC jurisdiction.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Therm: One-hundred thousand British thermal units.

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

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

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

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