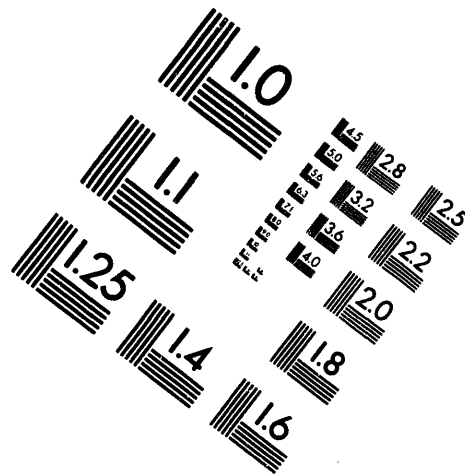
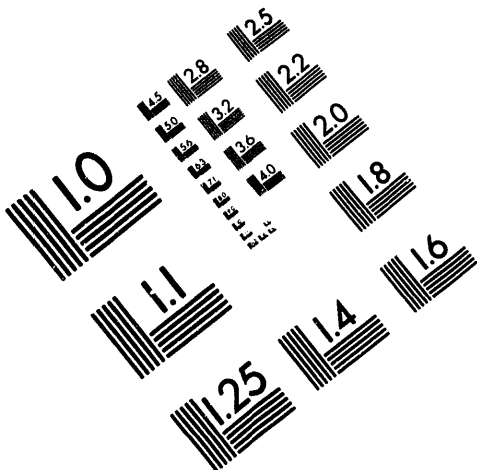




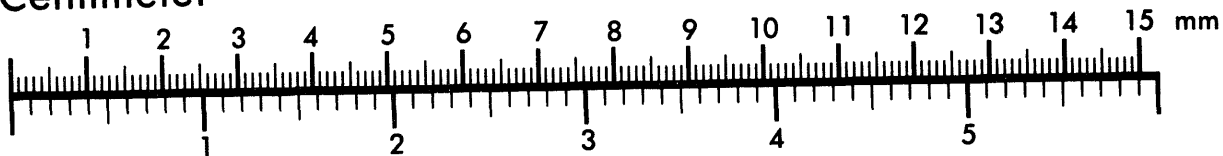
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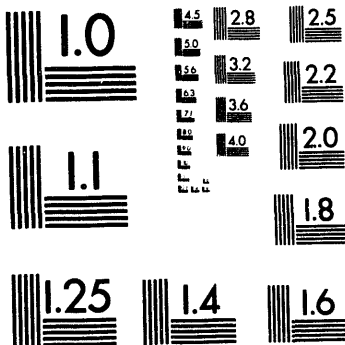
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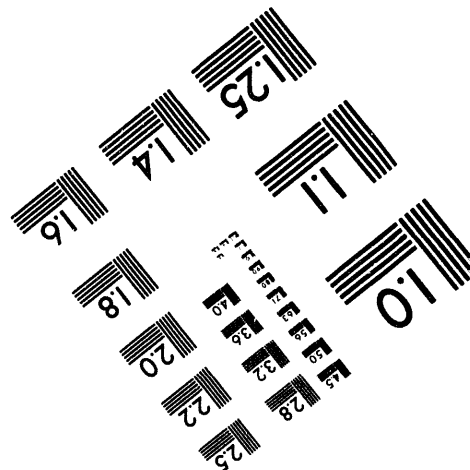
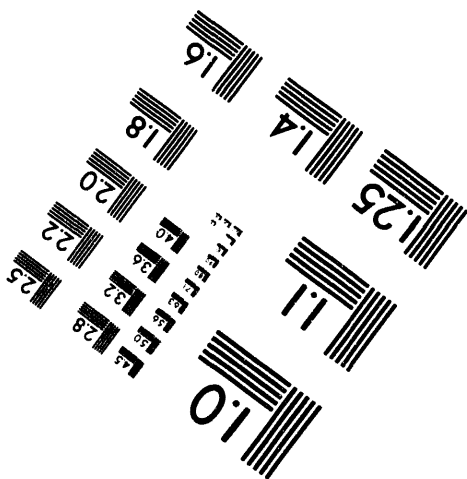
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**1 of 2**

# **Natural Gas Monthly**

## **July 1994**

**Energy Information Administration**  
Office of Oil and Gas  
U.S. Department of Energy  
Washington, DC 20585

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*Weekly Coal Production*, updated on Fridays at 5:00 p.m.

*Quarterly Coal Report*, updated 60 days after the end of the quarter

*Electric Power Monthly*, updated on the 1st of the month

*Monthly Energy Review*, updated the last week of the month

*Short Term Energy Outlook*, updated 60 days after the end of the quarter



## Preface

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

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

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

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

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

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

# 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

## Supply and Disposition

The Energy Information Administration estimates that marketed production (gross withdrawals less gas used for repressuring, quantities vented and flared, and non-hydrocarbon gases removed in treating or processing operations) totaled 1,635 billion cubic feet in May 1994 (Table 1). This is less than 2 percent greater than in May 1993.

The total gas supply available for disposition in May 1994 was an estimated 1,788 billion cubic feet, 1 percent greater than in May 1993 (Table 2). The May 1994 total includes 23 billion cubic feet withdrawn from storage, 10 billion cubic feet of supplemental fuel supplies, and 206 billion cubic feet of imported gas.

On the disposition side, the consumption of 1,365 billion cubic feet was 17 percent less than in April 1994 and 6 percent greater than in May 1993 (Table 2). Total disposition included 414 billion cubic feet of gas injected into underground storage reservoirs and exports of 9 billion cubic feet.

## Consumption

Data for the four major end-use sectors indicate that the total amount of gas delivered to all consumers in April 1994 was 1,505 billion cubic feet, 20 percent lower than in March 1994 (Table 3). Consumption in the industrial sector decreased from 700 billion cubic feet in March 1994 to 649 billion cubic feet in April 1994, a decrease of 7 percent.

The electric utility sector consumed 205 billion cubic feet in April 1994, which is a 10-percent increase from March 1994 and an 18-percent increase from April 1993.

The residential sector consumed 397 billion cubic feet in April 1994, 12 percent lower than in April 1993. The commercial sector consumed 254 billion cubic feet in April 1994, 1 percent less than in April 1993.

## Prices

Distributors paid an average \$3.11 per thousand cubic feet for gas at the city gate in April 1994. This is 6 percent lower than what these distributors paid in March 1994 and 4 percent less than what they paid in April 1993. Residential consumers paid \$6.58 per thousand cubic feet in April 1994, 10 percent higher than what they paid in April 1993. Commercial consumers paid \$5.29 per thousand cubic feet in April 1994, 6 percent less than what they paid in March 1994 and 3 percent greater than what they paid in April 1993.

Industrial consumers paid \$3.10 per thousand cubic feet in April 1994, a 12-percent decrease from the March 1994 price of \$3.53 and 1 percent less than in April 1993. Electric utilities paid an average of \$2.66 per thousand cubic feet in March 1994, a 5-percent decrease from the \$2.80 per thousand cubic feet paid in February 1994.

**Table 1. Summary of Natural Gas Production in the United States, 1988-1994**  
(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed <sup>a</sup>	Vented and Flared	Marketed Production (Wet)	Extraction Loss <sup>b</sup>	Total Dry Gas Production <sup>c</sup>
<b>1988 Total</b> .....	20,999	2,478	460	143	17,918	816	17,103
<b>1989 Total</b> .....	21,074	2,475	362	142	18,095	785	17,311
<b>1990 Total</b> .....	21,523	2,489	289	150	18,594	784	17,810
<b>1991 Total</b> .....	21,750	2,772	276	170	18,532	835	17,698
<b>1992</b>							
January .....	1,952	251	24	14	1,663	77	1,586
February .....	1,748	247	22	13	1,467	68	1,398
March .....	1,837	254	22	14	1,547	72	1,475
April .....	1,801	246	24	13	1,518	71	1,447
May .....	1,842	248	24	12	1,557	73	1,485
June .....	1,800	246	23	15	1,515	71	1,444
July .....	1,842	238	24	16	1,564	73	1,491
August .....	1,799	237	24	15	1,522	71	1,451
September .....	1,786	242	21	15	1,508	70	1,437
October .....	1,899	253	25	13	1,608	75	1,533
November .....	1,871	246	23	14	1,588	74	1,514
December .....	1,956	263	24	14	1,656	77	1,579
<b>Total</b> .....	22,132	2,973	280	168	18,712	872	17,840
<b>1993</b>							
January .....	1,970	264	24	14	1,668	78	1,590
February .....	1,774	247	21	15	1,490	69	1,420
March .....	1,965	268	21	15	1,661	77	1,583
April .....	1,883	252	22	15	1,593	74	1,519
May .....	1,906	261	22	16	1,607	75	1,532
June .....	1,821	240	21	17	1,543	72	1,471
July .....	1,869	242	23	17	1,588	74	1,514
August .....	1,894	259	22	16	1,597	74	1,523
September .....	1,870	250	22	16	1,582	74	1,508
October .....	1,949	283	22	16	1,628	76	1,552
November .....	1,950	293	21	15	1,620	<sup>#</sup> 75	<sup>#</sup> 1,545
December .....	2,018	308	22	17	1,672	<sup>#</sup> 78	<sup>#</sup> 1,594
<b>Total</b> .....	22,869	3,167	264	190	19,248	897	18,351
<b>1994</b>							
January .....	<sup>#</sup> 2,046	309	22	16	<sup>#</sup> 1,700	79	<sup>#</sup> 1,621
February .....	<sup>#</sup> 1,845	<sup>#</sup> 272	20	<sup>#</sup> 14	<sup>#</sup> 1,539	<sup>#</sup> 72	<sup>#</sup> 1,467
March .....	<sup>#</sup> 2,027	<sup>#</sup> 302	<sup>#</sup> 23	16	<sup>#</sup> 1,687	<sup>#</sup> 79	<sup>#</sup> 1,608
April .....	<sup>#</sup> 1,910	<sup>#</sup> 287	<sup>#</sup> 21	<sup>#</sup> 15	<sup>#</sup> 1,588	<sup>#</sup> 74	<sup>#</sup> 1,514
May .....	<sup>#</sup> 1,964	<sup>#</sup> 292	<sup>#</sup> 22	<sup>#</sup> 15	<sup>#</sup> 1,635	<sup>#</sup> 76	<sup>#</sup> 1,559
<b>1994 YTD</b> .....	9,793	1,461	107	76	8,148	380	7,769
<b>1993 YTD</b> .....	9,498	1,292	110	77	8,018	374	7,645
<b>1992 YTD</b> .....	9,180	1,246	116	65	7,752	361	7,391

<sup>a</sup> See Appendix A, Explanatory Note 1, for a discussion of data on Nonhydrocarbon Gases Removed.

<sup>b</sup> 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.

<sup>c</sup> Equal to marketed production (wet) minus extraction loss.

<sup>#</sup> = Revised Data.

<sup>\*</sup> = Estimated Data.

Notes: Data for 1988 through 1992 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 1992* Table 7 and EIA estimates, January 1993 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, 1988-1994**  
(Billion Cubic Feet)

Year and Month	Supply					Total Supply/Disposition <sup>d</sup>	Disposition		
	Total Dry Gas Production	Withdrawals from Storage <sup>a</sup>	Supplemental Gaseous Fuels <sup>b</sup>	Imports	Balancing Item <sup>c</sup>		Additions to Storage <sup>a</sup>	Exports	Consumption <sup>e</sup>
1988 Total .....	17,103	2,270	101	1,294	-453	20,315	2,211	74	18,030
1989 Total .....	17,311	2,854	107	1,382	-218	21,435	2,528	107	18,801
1990 Total .....	17,810	1,988	123	1,532	-149	21,302	2,499	88	18,718
1991 Total .....	17,698	2,752	113	1,773	-500	21,836	2,672	129	19,035
1992									
January .....	1,586	624	12	165	-71	2,315	60	16	2,239
February .....	1,398	483	11	175	42	2,089	45	14	2,031
March .....	1,475	397	11	180	-42	2,022	74	23	1,926
April .....	1,447	142	10	178	89	1,864	161	18	1,685
May .....	1,485	44	9	174	68	1,780	344	19	1,418
June .....	1,444	35	8	182	16	1,666	384	18	1,264
July .....	1,491	42	8	167	-8	1,700	373	16	1,311
August .....	1,451	46	8	175	-19	1,662	380	18	1,264
September .....	1,437	40	8	166	-24	1,629	362	18	1,249
October .....	1,533	70	10	176	-130	1,659	271	19	1,368
November .....	1,514	282	11	210	-239	1,778	88	19	1,672
December .....	1,579	587	12	209	-191	2,195	58	19	2,118
Total .....	17,840	2,772	118	2,138	-508	22,360	2,599	216	19,544
1993									
January .....	1,590	597	13	198	-49	2,349	41	18	2,291
February .....	1,420	572	12	183	18	2,205	21	13	2,171
March .....	1,583	383	12	199	56	2,234	80	17	2,137
April .....	1,519	104	10	185	<sup>a</sup> 88	<sup>a</sup> 1,907	215	12	<sup>a</sup> 1,679
May .....	1,532	30	8	180	32	1,762	482	12	1,288
June .....	1,471	37	10	178	3	1,699	411	11	1,278
July .....	1,514	38	9	190	<sup>a</sup> 4	<sup>a</sup> 1,757	388	13	<sup>a</sup> 1,365
August .....	1,523	46	9	184	-39	1,723	367	10	1,348
September .....	1,508	28	9	188	-4	1,729	382	10	1,337
October .....	1,552	102	10	189	<sup>a</sup> 120	<sup>a</sup> 1,733	255	8	<sup>a</sup> 1,470
November .....	<sup>a</sup> 1,545	316	<sup>a</sup> 12	204	-227	1,849	112	9	1,728
December .....	<sup>a</sup> 1,584	500	<sup>a</sup> 13	217	<sup>a</sup> 115	<sup>a</sup> 2,209	60	11	<sup>a</sup> 2,138
Total .....	18,351	2,754	127	2,277	<sup>a</sup> 354	<sup>a</sup> 23,156	2,794	142	<sup>a</sup> 20,210
1994									
January .....	<sup>a</sup> 1,621	756	14	<sup>a</sup> 233	<sup>a</sup> 39	<sup>a</sup> 2,586	33	<sup>a</sup> 11	<sup>a</sup> 2,542
February .....	<sup>a</sup> 1,487	542	12	195	<sup>a</sup> 144	<sup>a</sup> 2,360	48	<sup>a</sup> 11	<sup>a</sup> 2,301
March .....	<sup>a</sup> 1,608	239	11	<sup>a</sup> 213	<sup>a</sup> 104	2,175	105	<sup>a</sup> 19	<sup>a</sup> 2,051
April .....	<sup>a</sup> 1,514	68	<sup>a</sup> 10	<sup>a</sup> 213	<sup>a</sup> 133	<sup>a</sup> 1,939	277	<sup>a</sup> 8	<sup>a</sup> 1,664
May .....	<sup>a</sup> 1,559	23	<sup>a</sup> 10	<sup>a</sup> 206	-9	1,788	414	<sup>a</sup> 9	<sup>a</sup> 1,365
1994 YTD .....	7,769	1,628	57	1,061	333	10,847	877	57	9,913
1993 YTD .....	7,645	1,687	56	925	145	10,457	820	71	9,567
1992 YTD .....	7,391	1,670	52	871	87	10,071	684	90	9,297

<sup>a</sup> Monthly and annual data for 1988 through 1992 include underground storage and liquefied natural gas storage. Data for January 1993 forward include underground storage only. See Appendix A, Explanatory Note 7 for discussion of computation procedures.

<sup>b</sup> 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.

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

<sup>d</sup> "Total" data for 1988 through 1992 do not equal equivalent data in Table 1 of the *Natural Gas Annual 1992* due to the exclusion of intransit receipts and deliveries in the NGM.

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

<sup>a</sup> = Revised Data.

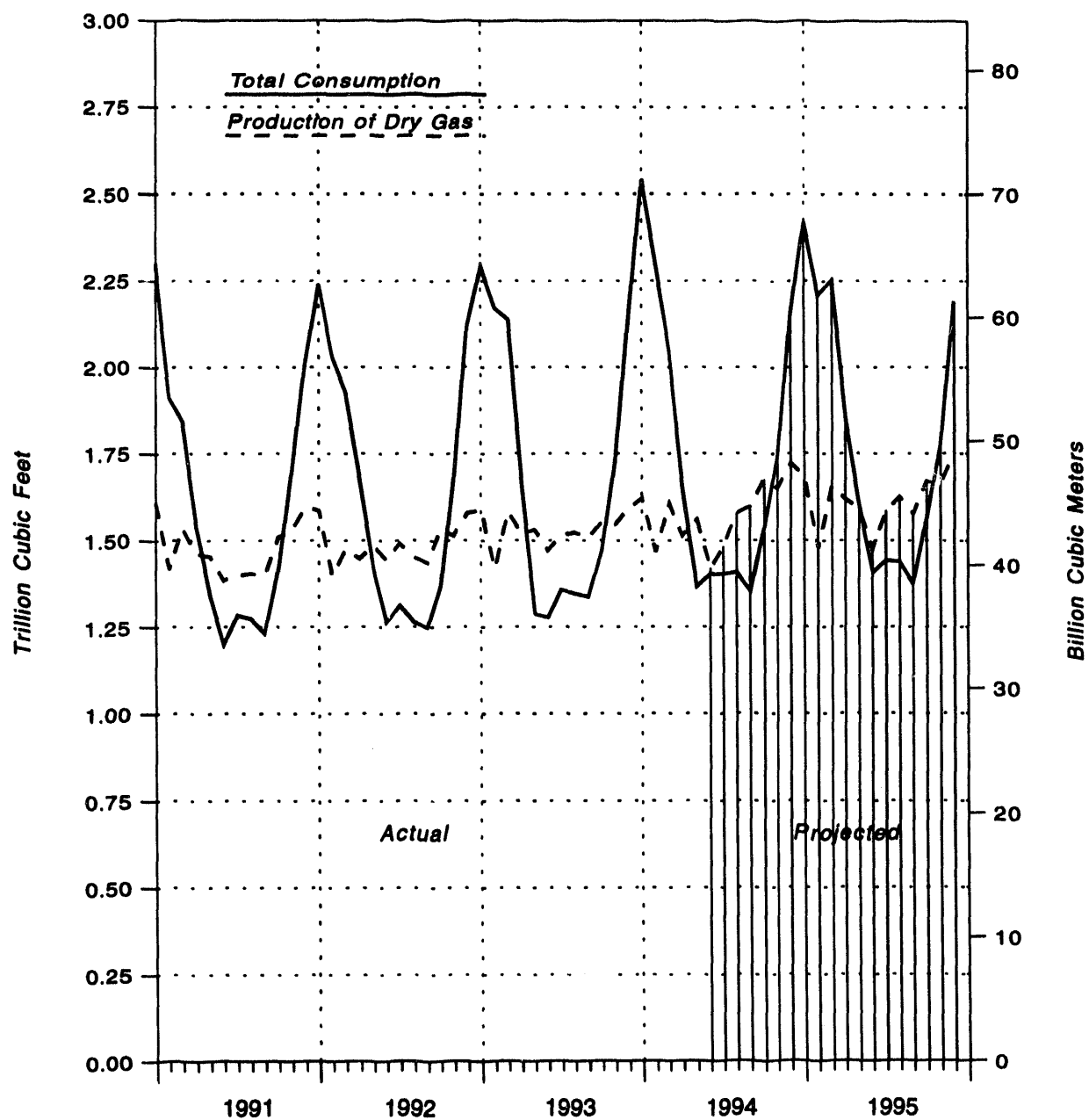
<sup>a</sup> = Estimated Data.

<sup>a</sup> = Revised Estimated Data.

Notes: • Data for 1988 through 1992 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 1992*, 1988 through 1992; IOGCC, MMS reporting, and EIA estimates, January 1993 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 1992*, 1988 through 1992; Form EIA-191, January 1993 through current month. • Supplemental Gaseous Fuels: EIA *Natural Gas Annual 1992*, 1988 through 1992; and EIA computations, January 1993 through current month. See Appendix A, Explanatory Note 2, for discussion of computation procedures and revision policy. • Imports and Exports: Form FPC-14, 1988 through 1992; and EIA estimates, January 1993 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 1991*, 1988 through 1992; and EIA computations, January 1993 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, 1991-1995**



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



**Table 3. Natural Gas Consumption in the United States, 1988-1994**  
(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel <sup>a</sup>	Pipeline Fuel <sup>b</sup>	Delivered to Consumers					Total Consumption
			Residential	Commercial	Industrial	Electric Utilities	Total	
<b>1988 Total</b> .....	1,098	814	4,630	2,670	6,383	2,636	16,320	18,030
<b>1989 Total</b> .....	1,070	829	4,781	2,718	6,818	2,787	17,102	18,801
<b>1990 Total</b> .....	1,236	860	4,391	2,623	7,018	2,787	16,820	18,716
<b>1991 Total</b> .....	1,129	801	4,556	2,729	7,231	2,789	17,305	19,035
<b>1992</b>								
January .....	104	68	788	410	701	189	2,087	2,239
February .....	92	62	696	368	644	170	1,878	2,031
March .....	97	58	574	315	674	208	1,770	1,926
April .....	95	51	431	250	628	229	1,539	1,685
May .....	97	42	251	170	620	236	1,278	1,418
June .....	95	37	182	125	578	266	1,132	1,264
July .....	98	39	132	122	587	334	1,175	1,311
August .....	95	37	126	121	582	303	1,131	1,264
September .....	94	37	137	121	586	274	1,117	1,249
October .....	101	41	241	166	608	213	1,227	1,368
November .....	99	50	437	256	641	189	1,523	1,672
December .....	104	64	717	381	677	176	1,951	2,119
<b>Total</b> .....	1,171	588	4,690	2,803	7,527	2,766	17,786	19,544
<b>1993</b>								
January .....	104	69	833	421	699	164	2,118	2,291
February .....	93	65	770	408	672	162	2,012	2,171
March .....	104	64	702	374	699	194	1,969	2,137
April .....	100	51	449	257	649	174	1,529	1,679
May .....	101	39	233	156	593	167	1,149	1,288
June .....	97	38	183	126	598	255	1,143	1,278
July .....	99	<sup>a</sup> 41	130	123	<sup>a</sup> 628	334	<sup>a</sup> 1,215	<sup>a</sup> 1,356
August .....	100	40	120	115	613	357	1,205	1,348
September .....	99	40	142	123	675	258	1,198	1,337
October .....	102	44	252	172	<sup>a</sup> 684	235	<sup>a</sup> 1,324	<sup>a</sup> 1,470
November .....	101	52	457	265	645	208	1,575	1,728
December .....	105	64	704	368	<sup>a</sup> 723	174	<sup>a</sup> 1,969	<sup>a</sup> 2,138
<b>Total</b> .....	1,205	<sup>a</sup> 608	4,956	2,908	<sup>a</sup> 7,860	2,682	<sup>a</sup> 18,406	<sup>a</sup> 20,219
<b>1994</b>								
January .....	<sup>a</sup> 106	76	962	<sup>a</sup> 486	<sup>a</sup> 741	170	<sup>a</sup> 2,359	<sup>a</sup> 2,542
February .....	<sup>a</sup> 96	69	838	441	<sup>a</sup> 706	149	<sup>a</sup> 2,135	<sup>a</sup> 2,301
March .....	<sup>a</sup> 106	62	839	<sup>a</sup> 357	<sup>a</sup> 700	187	<sup>a</sup> 1,883	<sup>a</sup> 2,051
April .....	99	50	397	254	649	205	1,505	1,654
<b>1994 YTD</b> .....	408	257	2,837	1,538	2,797	711	7,883	8,548
<b>1993 YTD</b> .....	401	249	2,755	1,480	2,719	694	7,628	8,278
<b>1992 YTD</b> .....	388	240	2,487	1,341	2,647	776	7,252	7,880

<sup>a</sup> 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.

<sup>b</sup> 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.

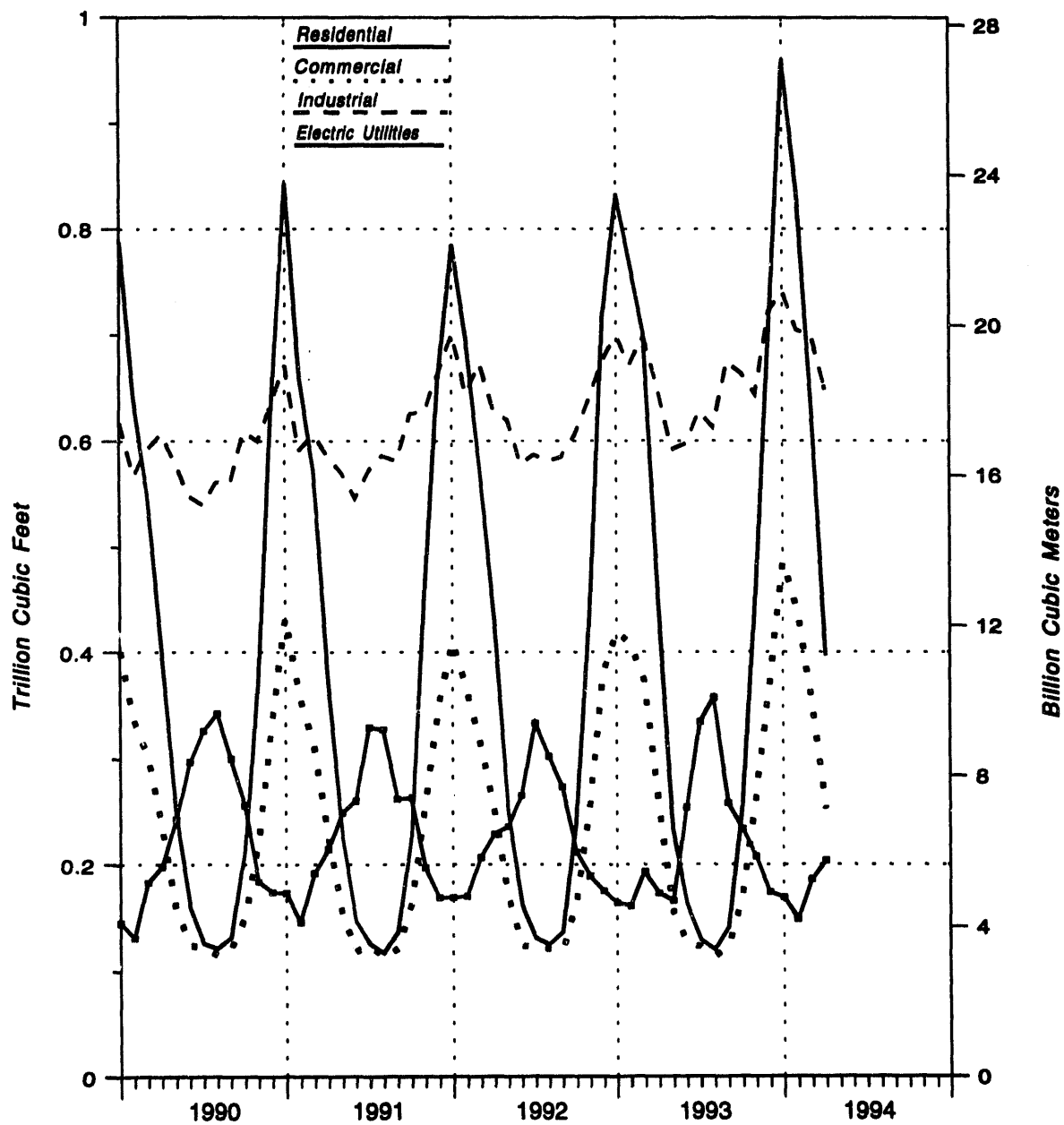
<sup>a</sup> = Revised Data.

<sup>a</sup> = Revised Estimated Data.

Notes: Data for 1988 through 1992 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: All data except electric utility: EIA *Natural Gas Annual 1991*, 1988 through 1992; and Form EIA-857 and computations January 1993 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, 1990-1994**



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

**Table 4. Selected National Average Natural Gas Prices, 1988-1994**  
(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price <sup>a</sup>	Major Interstate Pipeline Companies		City Gate	Delivered to Consumers			
		Imports <sup>b</sup>	Purchased from Producers <sup>b</sup>		Residential	Commercial	Industrial	Electric Utilities <sup>c</sup>
<b>1988 Annual Average</b> .....	1.69	2.00	2.13	2.92	5.47	4.63	2.95	2.33
<b>1989 Annual Average</b> .....	1.69	2.04	2.18	3.01	5.64	4.74	2.96	2.43
<b>1990 Annual Average</b> .....	1.71	2.03	2.19	3.03	5.80	4.83	2.93	2.38
<b>1991 Annual Average</b> .....	1.64	2.02	1.92	2.90	5.82	4.81	2.69	2.18
<b>1992</b>								
January .....	1.74	2.20	2.10	2.90	5.53	4.85	3.04	2.49
February .....	1.26	1.98	1.70	2.70	5.54	5.03	2.78	2.03
March .....	1.35	1.45	1.90	2.61	5.50	4.77	2.58	1.99
April .....	1.42	2.01	1.73	2.74	5.62	4.77	2.54	2.07
May .....	1.51	1.79	1.99	2.90	6.15	4.59	2.44	2.11
June .....	1.62	2.03	2.16	3.00	6.84	4.72	2.53	2.18
July .....	1.55	1.89	1.86	3.01	7.27	4.64	2.54	2.13
August .....	1.84	1.85	2.14	3.18	7.45	4.73	2.71	2.42
September .....	1.92	2.05	2.13	3.23	7.15	4.69	2.82	2.51
October .....	2.38	2.13	2.69	3.50	6.52	4.90	3.21	3.04
November .....	2.13	2.32	2.33	3.33	6.02	5.12	3.26	2.87
December .....	2.07	1.92	2.40	3.17	5.74	5.11	3.38	2.81
<b>Annual Average</b> .....	1.74	1.97	2.09	3.01	5.89	4.88	2.84	2.36
<b>1993</b>								
January .....	1.98	2.04	2.17	3.11	5.72	5.19	3.25	2.70
February .....	1.74	1.91	1.94	2.94	5.71	5.08	3.12	2.55
March .....	1.92	1.78	2.21	3.06	5.66	5.06	3.08	2.61
April .....	2.06	2.15	*2.27	3.24	6.00	5.14	3.13	2.75
May .....	2.32	2.13	2.81	3.58	6.74	5.21	3.24	2.90
June .....	1.89	1.95	2.03	3.44	7.34	5.32	2.95	2.47
July .....	1.92	1.78	2.02	3.34	7.82	5.03	2.71	2.46
August .....	2.02	2.02	2.35	3.35	8.10	5.26	2.86	2.60
September .....	2.15	2.17	2.58	3.53	7.74	5.27	3.03	2.69
October .....	1.93	1.97	2.05	3.15	6.78	5.11	*2.87	2.45
November .....	1.94	1.85	2.32	3.15	6.17	5.16	3.12	2.59
December .....	2.20	2.02	2.82	3.26	6.06	5.26	*3.34	2.76
<b>Annual Average</b> .....	2.01	1.98	2.30	3.21	6.15	5.16	3.07	2.61
<b>1994</b>								
January .....	1.99	2.08	2.83	3.06	5.94	5.43	3.55	2.67
February .....	2.10	1.81	3.31	3.25	6.06	5.51	3.51	2.80
March .....	*2.08	2.04	2.81	*3.30	6.18	*5.61	3.53	2.66
April .....	*1.93	2.06	2.51	3.11	6.58	5.29	3.10	NA
<b>1994 YTD</b> .....	2.03	2.00	2.87	3.17	6.12	5.47	3.43	NA
<b>1993 YTD</b> .....	1.93	1.97	2.15	3.07	5.75	5.12	3.15	2.62
<b>1992 YTD</b> .....	1.44	1.91	1.86	2.75	5.54	4.87	2.75	2.16

<sup>a</sup> See Appendix A, Explanatory Note 8, of the *Natural Gas Monthly* (NGM) for discussion of wellhead price.

<sup>b</sup> See Appendix A, Explanatory Note 9, NGM for discussion of major interstate pipeline company data.

<sup>c</sup> See Table Notes and Sources for explanation of break in series for consumer prices in 1988.

\* = Revised Data.

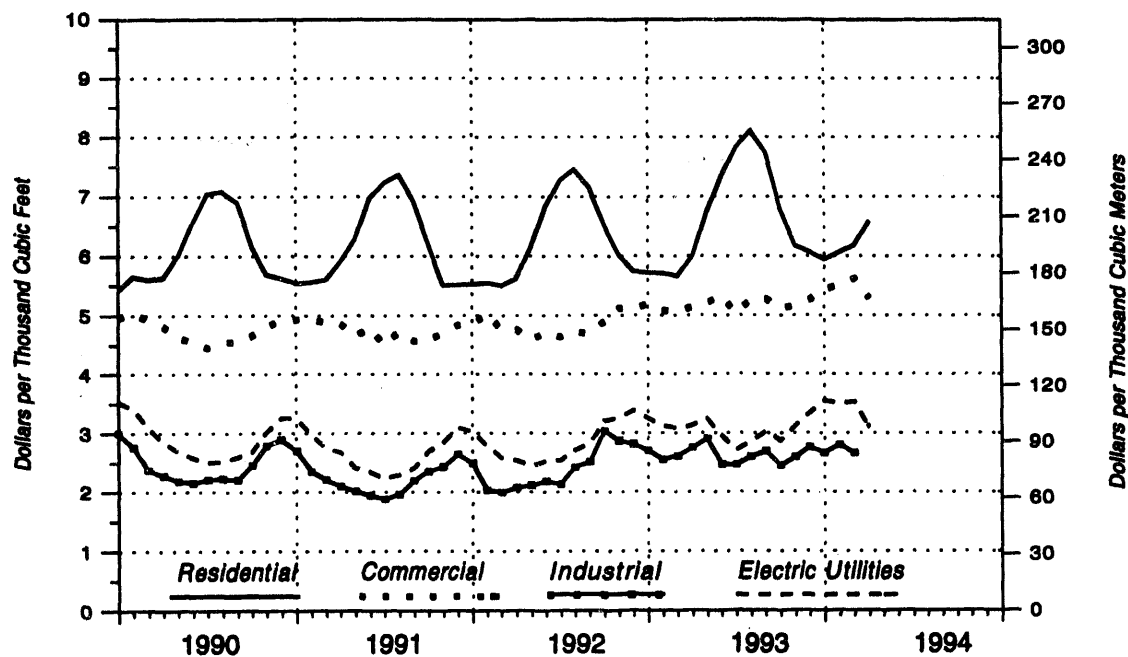
^ = Estimated Data.

NA = Not Available.

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.

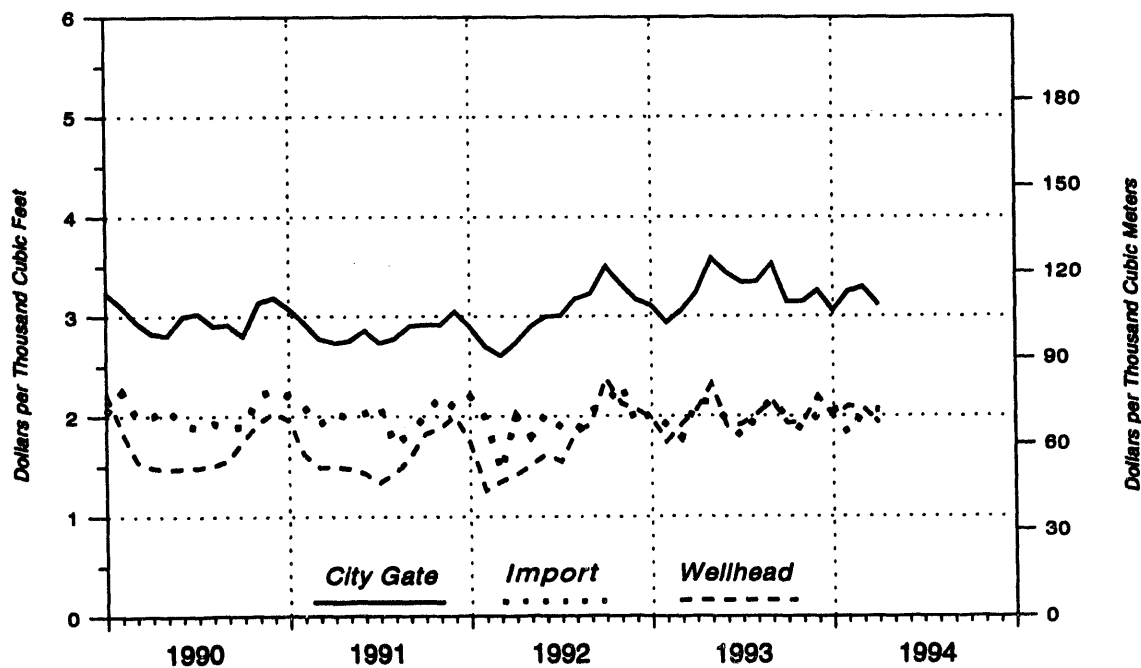
Sources: • Average wellhead price: EIA *Natural Gas Annual* 1992, 1988 through 1992; and EIA estimates, January 1993 through current month. See Appendix A, Explanatory Note 8 for estimation procedures and revision policy. • Imports and Interstate Pipeline Company Purchases: Form FERC-11. • Average City Gate, Residential, Commercial and Industrial average prices for 1988 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, 1990-1994**



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

**Figure 4. Average Price of Natural Gas in the United States, 1990-1994**



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

**Table 5. U.S. Natural Gas Imports, by Country, 1988-1994**  
(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		
<b>1988 Total</b> .....	1,276,322	1.83	0	—	17,490	2.71	1,293,812	1.84
<b>1989 Total</b> .....	1,339,357	1.81	0	—	42,163	2.22	1,381,520	1.82
<b>1990 Total</b> .....	1,448,065	1.91	0	—	84,193	2.47	1,532,259	1.94
<b>1991 Total</b> .....	1,709,716	1.81	0	—	63,598	2.36	1,773,313	1.83
<b>1992</b>								
January .....	157,026	1.95	0	—	7,610	2.49	164,636	1.98
February .....	170,167	1.84	0	—	5,076	2.91	175,243	1.88
March .....	177,978	1.83	0	—	2,503	3.32	180,482	1.85
April .....	173,615	1.82	0	—	2,531	2.12	176,146	1.83
May .....	174,312	1.88	0	—	0	—	174,312	1.88
June .....	159,743	1.77	0	—	2,505	2.09	162,249	1.77
July .....	167,216	1.70	0	—	0	—	167,216	1.70
August .....	172,240	1.81	0	—	2,492	3.15	174,733	1.83
September .....	163,584	1.96	0	—	2,533	1.83	166,117	1.96
October .....	173,904	2.21	0	—	2,563	3.19	176,466	2.22
November .....	202,846	1.94	0	—	7,633	2.57	210,479	1.96
December .....	201,756	2.13	0	—	7,670	2.17	209,426	2.13
<b>Total</b> .....	2,094,387	1.84	0	—	43,116	2.54	2,137,504	1.85
<b>1993</b>								
January .....	192,899	2.05	0	—	5,141	2.54	198,039	2.08
February .....	175,444	1.95	0	—	7,654	2.87	183,097	1.99
March .....	193,830	1.98	0	—	5,146	2.19	198,976	1.99
April .....	177,552	2.04	0	—	7,720	2.08	185,272	2.04
May .....	154,640	2.08	0	—	5,236	1.97	159,876	2.08
June .....	170,870	2.02	0	—	7,563	1.90	178,433	2.02
July .....	182,550	1.95	0	—	7,642	1.89	190,192	1.95
August .....	179,384	1.94	0	—	5,091	1.97	184,475	1.94
September .....	177,786	2.03	0	—	10,252	1.95	188,038	2.03
October .....	184,039	2.00	0	—	5,075	2.18	189,114	2.01
November .....	196,527	2.07	0	—	7,593	2.05	204,120	2.07
December .....	208,158	2.16	1,728	1.93	7,570	2.08	217,456	2.16
<b>Total</b> .....	2,193,678	2.02	1,728	1.93	81,682	2.13	2,277,089	2.03
<b>1994</b>								
January .....	221,409	—	<sup>a</sup> 1,848	—	10,150	—	<sup>a</sup> 233,407	NA
February .....	189,386	—	<sup>a</sup> 569	—	5,065	—	<sup>a</sup> 195,000	NA
March .....	<sup>a</sup> 204,186	—	<sup>a</sup> 1,553	—	7,616	—	<sup>a</sup> 213,354	NA
April .....	<sup>a</sup> 204,565	—	<sup>a</sup> 1,000	—	7,636	—	<sup>a</sup> 213,201	NA
May .....	<sup>a</sup> 199,607	—	<sup>a</sup> 1,500	—	5,101	—	<sup>a</sup> 206,208	NA
<b>1994 YTD</b> .....	1,019,133	—	6,470	—	35,567	—	1,061,171	NA
<b>1993 YTD</b> .....	894,365	2.02	0	—	30,895	2.35	925,260	2.03
<b>1992 YTD</b> .....	853,098	1.89	—	—	17,721	2.67	870,819	1.72

<sup>a</sup> = Revised Data.  
<sup>a</sup> = Estimated Data.  
<sup>a</sup> = Revised Estimated Data.  
NA = Not Available.  
— = Not Applicable.

Sources: 1988-1992: Energy Information Administration, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." January 1993 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 Fuel: 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, 1988-1994**  
(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		
1988 Total .....	19,738	2.02	2,327	3.21	51,573	2.99	73,638	2.74
1989 Total .....	38,443	2.00	17,004	2.14	51,424	3.01	106,871	2.51
1990 Total .....	17,359	2.70	15,859	1.88	52,548	3.59	85,565	3.10
1991 Total .....	14,791	1.91	60,448	1.76	54,005	3.71	129,244	2.59
<b>1992</b>								
January .....	2,377	1.87	9,887	1.83	4,368	3.58	16,432	2.30
February .....	3,654	1.43	5,963	1.24	4,369	3.44	13,986	1.98
March .....	11,437	1.95	6,707	1.37	4,367	3.27	22,511	2.03
April .....	5,980	1.35	7,371	1.52	4,403	3.21	17,754	1.88
May .....	5,919	1.56	7,285	1.69	5,827	3.23	19,030	2.12
June .....	6,172	1.81	7,262	1.78	4,378	3.31	17,812	2.17
July .....	5,230	1.67	6,258	1.68	4,379	3.44	15,868	2.16
August .....	5,074	1.84	8,778	1.97	4,377	3.56	18,229	2.31
September .....	5,547	1.91	8,181	2.00	4,408	3.61	18,136	2.36
October .....	6,290	2.19	10,063	2.66	2,920	3.59	19,272	2.65
November .....	3,487	2.04	10,674	2.26	4,366	3.56	18,527	2.52
December .....	6,611	2.18	7,743	2.18	4,370	3.52	18,724	2.49
<b>Total .....</b>	<b>67,777</b>	<b>1.83</b>	<b>95,973</b>	<b>1.90</b>	<b>52,532</b>	<b>3.43</b>	<b>216,282</b>	<b>2.25</b>
<b>1993</b>								
January .....	5,577	2.24	7,833	2.07	4,367	3.47	17,777	2.47
February .....	6,453	2.05	2,121	1.80	4,355	3.35	12,929	2.45
March .....	7,583	1.48	3,199	2.00	5,812	3.28	16,594	2.21
April .....	4,527	2.03	2,875	2.17	4,373	3.27	11,775	2.52
May .....	3,941	1.91	3,453	2.48	4,381	3.33	11,775	2.61
June .....	3,647	1.91	4,050	1.87	2,950	3.36	10,647	2.30
July .....	3,564	2.12	3,806	1.94	5,162	3.34	12,532	2.57
August .....	2,441	2.00	2,681	2.15	4,761	3.26	9,883	2.64
September .....	2,914	2.24	2,227	2.31	5,136	3.17	10,277	2.72
October .....	2,653	2.17	1,738	1.92	3,305	3.09	7,696	2.51
November .....	2,688	2.66	1,962	2.05	4,757	3.26	9,307	2.64
December .....	3,503	2.83	979	2.40	6,592	3.17	11,074	2.93
<b>Total .....</b>	<b>49,491</b>	<b>2.06</b>	<b>36,824</b>	<b>2.08</b>	<b>55,952</b>	<b>3.28</b>	<b>142,267</b>	<b>2.54</b>
<b>1994</b>								
January .....	<sup>a</sup> 3,651	NA	<sup>a</sup> 1,546	NA	5,466	NA	<sup>a</sup> 10,663	NA
February .....	<sup>a</sup> 5,927	NA	<sup>a</sup> 1,458	NA	3,630	NA	<sup>a</sup> 11,015	NA
March .....	<sup>a</sup> 11,708	NA	<sup>a</sup> 1,653	NA	5,509	NA	<sup>a</sup> 18,870	NA
April .....	<sup>a</sup> 3,000	NA	<sup>a</sup> 1,000	NA	3,675	NA	<sup>a</sup> 7,675	NA
May .....	<sup>a</sup> 4,000	NA	<sup>a</sup> 1,500	NA	3,692	NA	<sup>a</sup> 9,192	NA
<b>1994 YTD .....</b>	<b>28,286</b>	<b>NA</b>	<b>7,157</b>	<b>NA</b>	<b>21,973</b>	<b>NA</b>	<b>57,416</b>	<b>NA</b>
<b>1993 YTD .....</b>	<b>28,081</b>	<b>1.91</b>	<b>19,481</b>	<b>2.12</b>	<b>23,288</b>	<b>3.34</b>	<b>70,850</b>	<b>2.44</b>
<b>1992 YTD .....</b>	<b>29,366</b>	<b>1.68</b>	<b>37,013</b>	<b>1.56</b>	<b>23,334</b>	<b>3.34</b>	<b>89,713</b>	<b>2.06</b>

<sup>a</sup> = Revised Data.

<sup>e</sup> = Estimated Data.

NA = Not Available.

Sources: 1988-1992: Energy Information Administration, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." January 1993 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 Fuel: 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, 1988-1994**  
(Million Cubic Feet)

Year and Month	Alabama <sup>a</sup>	Alaska	California	Colorado	Florida	Kansas
<b>1988 Total</b> .....	129,524	378,638	399,663	191,544	7,484	592,845
<b>1989 Total</b> .....	128,411	393,729	362,860	216,737	7,534	601,196
<b>1990 Total</b> .....	135,276	402,907	362,748	242,997	6,483	573,603
<b>1991 Total</b> .....	170,847	437,822	378,384	285,961	4,884	628,459
<b>1992</b>						
January .....	28,638	40,789	32,862	27,414	570	64,920
February .....	28,093	37,311	30,127	25,451	536	56,375
March .....	28,699	38,433	32,006	24,545	492	53,499
April .....	28,690	37,128	31,789	25,138	488	47,445
May .....	28,920	37,014	32,353	26,318	520	50,271
June .....	29,312	34,222	29,550	26,270	572	48,589
July .....	30,718	35,020	30,949	25,501	458	49,051
August .....	29,338	32,832	30,046	27,258	574	48,567
September .....	29,402	32,233	29,211	26,061	564	47,818
October .....	31,435	39,237	30,386	27,474	654	56,304
November .....	30,470	38,453	28,070	28,461	593	64,316
December .....	31,366	40,924	28,262	33,152	635	70,853
<b>Total</b> .....	355,099	443,597	365,632	323,041	6,657	658,007
<b>1993</b>						
January .....	24,591	41,375	26,956	28,356	637	64,279
February .....	22,157	35,689	24,024	28,443	573	57,258
March .....	22,784	41,674	27,429	32,291	603	61,084
April .....	22,235	39,226	25,320	30,559	601	53,431
May .....	23,312	35,702	25,294	33,378	685	54,054
June .....	22,460	30,817	27,398	31,424	577	51,743
July .....	24,424	32,867	26,579	<sup>a</sup> 29,521	648	51,429
August .....	25,064	33,212	25,258	<sup>a</sup> 30,604	632	49,692
September .....	24,553	33,394	25,508	<sup>a</sup> 29,574	587	46,323
October .....	26,305	36,997	27,256	<sup>a</sup> 31,932	626	52,606
November .....	30,625	37,876	26,383	<sup>a</sup> 32,768	583	60,238
December .....	33,437	39,869	27,413	<sup>a</sup> 38,101	599	65,370
<b>Total</b> .....	301,947	436,698	314,818	376,971	7,351	667,507
<b>1994</b>						
January .....	<sup>a</sup> 35,111	40,660	<sup>a</sup> 27,262	<sup>a</sup> 35,194	<sup>a</sup> 595	<sup>a</sup> 71,267
February .....	<sup>a</sup> 33,826	36,582	<sup>a</sup> 26,430	<sup>a</sup> 34,528	560	<sup>a</sup> 58,063
March .....	<sup>a</sup> 35,863	40,494	<sup>a</sup> 27,243	<sup>a</sup> 34,211	699	58,700
<b>1994 YTD</b> .....	104,800	117,736	80,935	103,933	1,854	188,030
<b>1993 YTD</b> .....	69,532	116,738	78,409	89,090	1,813	182,621
<b>1992 YTD</b> .....	85,430	116,533	95,016	77,410	1,598	174,794

See footnotes at end of table.

**Table 7. Marketed Production of Natural Gas, by State, 1988-1994**  
(Million Cubic Feet) — Continued

Year and Month	Louisiana	Michigan	Mississippi	Montana	New Mexico	North Dakota
<b>1988 Total</b> .....	5,180,267	146,145	124,053	51,654	791,819	57,747
<b>1989 Total</b> .....	5,078,125	155,988	102,645	51,307	854,615	51,174
<b>1990 Total</b> .....	5,241,989	172,151	94,616	50,429	965,104	52,169
<b>1991 Total</b> .....	5,034,361	195,749	108,031	51,999	1,038,284	53,479
<b>1992</b>						
January .....	447,681	14,061	8,666	5,025	96,194	4,821
February .....	397,242	12,580	7,632	4,831	86,756	4,469
March .....	415,797	16,011	7,761	5,256	94,373	4,762
April .....	406,614	15,126	7,549	4,583	102,157	4,389
May .....	425,880	13,012	7,602	4,429	106,294	4,466
June .....	411,275	20,668	7,447	3,645	101,770	4,436
July .....	422,105	16,206	7,533	3,846	111,611	4,593
August .....	377,693	17,200	7,553	3,746	114,145	4,609
September .....	375,997	19,210	7,039	3,782	109,064	4,426
October .....	409,724	17,614	7,618	4,503	111,646	4,772
November .....	401,240	14,277	7,694	5,083	114,329	4,490
December .....	423,050	18,848	7,601	5,136	116,523	4,626
<b>Total</b> .....	4,914,300	194,615	91,697	53,667	1,268,863	54,883
<b>1993</b>						
January .....	432,833	16,622	7,657	5,205	116,663	4,484
February .....	391,511	9,728	7,249	4,729	106,426	3,923
March .....	425,024	24,096	7,166	5,054	116,479	4,702
April .....	411,437	19,700	7,047	4,304	113,865	4,664
May .....	424,363	14,321	7,025	4,617	119,167	4,856
June .....	407,234	17,810	6,549	3,984	112,820	4,610
July .....	418,698	20,187	6,969	3,912	114,282	4,732
August .....	419,697	16,473	6,388	3,376	119,317	4,751
September .....	<sup>a</sup> 425,714	18,394	6,474	4,021	115,816	4,524
October .....	<sup>a</sup> 439,447	15,761	6,132	4,982	120,609	4,597
November .....	<sup>a</sup> 437,030	14,456	5,708	4,839	121,383	4,580
December .....	<sup>a</sup> 444,697	12,703	6,026	5,080	125,316	4,781
<b>Total</b> .....	5,077,685	202,255	80,392	54,103	1,406,143	55,204
<b>1994</b>						
January .....	<sup>a</sup> 455,416	15,333	5,763	<sup>a</sup> 4,928	<sup>a</sup> 126,548	4,490
February .....	<sup>a</sup> 403,954	15,333	5,387	<sup>a</sup> 4,469	<sup>a</sup> 112,855	3,937
March .....	<sup>a</sup> 441,266	21,665	6,057	4,562	<sup>a</sup> 122,489	4,992
<b>1994 YTD</b> .....	1,300,636	52,331	17,207	13,959	363,892	13,419
<b>1993 YTD</b> .....	1,249,368	52,448	22,072	14,988	343,568	13,109
<b>1992 YTD</b> .....	1,260,721	42,652	24,059	15,112	277,323	14,052

See footnotes at end of table.



**Table 7. Marketed Production of Natural Gas, by State, 1988-1994**  
(Million Cubic Feet) — Continued

Year and Month	Oklahoma	Texas	Utah	Wyoming	Other <sup>a</sup> States	U.S. Total
<b>1988 Total</b> .....	2,187,050	6,286,029	101,372	509,058	803,573	17,918,485
<b>1989 Total</b> .....	2,237,037	6,241,425	120,089	685,699	826,576	18,095,147
<b>1990 Total</b> .....	2,258,471	6,343,146	145,875	735,728	810,100	18,593,792
<b>1991 Total</b> .....	2,153,852	6,280,654	144,817	776,528	788,328	18,532,439
<b>1992</b>						
January .....	184,091	551,788	11,797	74,325	69,450	1,663,111
February .....	166,004	483,162	11,312	50,091	64,761	1,486,733
March .....	165,802	506,941	12,727	71,930	66,252	1,547,288
April .....	168,030	493,746	11,852	67,036	66,346	1,518,106
May .....	165,080	510,273	13,378	62,977	66,344	1,557,151
June .....	166,336	495,691	13,310	58,427	63,463	1,514,984
July .....	160,800	508,414	13,930	77,202	65,761	1,563,702
August .....	159,160	515,119	14,425	74,171	65,848	1,522,282
September .....	160,231	509,836	15,250	73,315	64,218	1,507,660
October .....	170,825	531,794	17,177	77,161	69,246	1,607,569
November .....	172,795	513,103	16,718	78,509	68,952	1,587,552
December .....	178,201	525,996	19,417	77,434	71,622	1,655,671
<b>Total</b> .....	2,017,356	6,145,862	171,293	842,576	804,264	18,711,808
<b>1993</b>						
January .....	188,994	542,864	19,774	71,595	*72,658	1,667,543
February .....	155,079	490,478	19,304	65,560	*65,382	1,489,513
March .....	171,741	554,949	22,763	72,213	*68,714	1,660,768
April .....	173,867	532,559	18,986	69,959	*65,504	1,593,264
May .....	168,908	538,254	17,564	71,281	*64,486	1,607,267
June .....	163,052	521,367	18,487	59,377	*63,598	1,543,327
July .....	169,840	528,063	18,152	74,621	*63,481	1,588,405
August .....	175,099	533,433	15,513	74,271	*64,239	1,597,019
September .....	178,849	518,257	15,130	73,421	*61,228	1,581,767
October .....	168,203	533,874	19,488	73,644	*67,287	1,627,748
November .....	175,216	509,981	19,919	71,474	*67,036	1,620,117
December .....	163,751	532,830	21,502	79,086	*71,041	1,671,604
<b>Total</b> .....	2,050,599	6,336,929	226,602	856,502	794,634	19,248,340
<b>1994</b>						
January .....	*175,353	529,106	20,617	*75,204	*75,134	*1,699,981
February .....	*163,605	482,677	20,920	*68,287	*67,208	*1,538,621
March .....	*170,983	545,684	*22,487	79,627	*69,651	*1,686,673
<b>1994 YTD</b> .....	509,941	1,557,467	64,024	223,118	211,993	4,925,275
<b>1993 YTD</b> .....	515,814	1,588,291	61,841	209,368	206,754	4,817,824
<b>1992 YTD</b> .....	515,897	1,541,869	35,836	196,346	202,463	4,677,132

<sup>a</sup> Includes Arizona, Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, New York, Ohio, Oregon, Pennsylvania, South Dakota, Tennessee, Virginia and West Virginia. The 1992 and 1993 monthly values for these States are estimated.

<sup>b</sup> The 1992 monthly and annual values for Alabama include Federal Offshore production.

<sup>c</sup> = Revised Data.

<sup>d</sup> = Estimated Data.

Notes: Data for 1988 through 1992 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 1992 1988 through 1992. \*OGCC, MMS reports, and EIA computations, January 1992 through current month.

**Table 8. Revenues, Expenses, and Income of Major Interstate Natural Gas Pipeline Companies, 1988-1994**  
(Million Dollars)

Year and Month	Total Sales Volume <sup>a</sup> (Bcf)	Gas Operating Revenues	Gas Operating Expenses				Total Operating Income	Total Income Before Interest Charges and Extraordinary Expenses	Net Income <sup>c</sup>
			Operation and Maintenance	Depreciation, Depletion, and Amortization	Taxes <sup>b</sup>	Total Gas Operating Expenses			
<b>1988 Total</b> .....	6,414	26,637	22,640	1,579	562	24,940	1,803	3,350	1,366
<b>1989 Total</b> .....	5,652	26,703	21,522	1,451	596	24,168	2,575	4,595	2,311
<b>1990 Total</b> .....	4,877	24,275	18,980	1,483	648	21,686	2,590	4,227	2,319
<b>1991 Total</b> .....	4,052	21,649	17,996	1,311	627	20,158	1,492	1,857	179
<b>1992</b>									
January .....	413	2,240	1,847	117	64	1,954	286	382	241
February .....	347	1,800	1,281	42	59	1,514	285	378	253
March .....	348	1,832	1,314	118	56	1,586	246	380	246
April .....	276	1,526	1,112	119	56	1,339	187	279	135
May .....	269	1,476	1,084	123	58	1,311	165	368	232
June .....	224	1,436	1,066	113	52	1,252	187	311	171
July .....	239	1,442	1,040	125	56	1,250	183	301	147
August .....	264	1,564	1,157	131	54	1,412	152	268	124
September .....	247	1,957	1,552	-24	49	1,625	331	349	252
October .....	266	1,732	1,352	67	54	1,523	209	316	172
November .....	360	2,138	1,585	118	53	1,890	248	363	226
December .....	435	2,430	1,892	76	51	2,252	178	341	206
<b>Total</b> .....	3,686	21,575	16,073	1,124	663	18,917	2,657	4,035	2,406
<b>1993</b>									
January .....	323	1,941	1,337	114	55	1,634	306	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 .....	<sup>a</sup> 265	<sup>a</sup> 1,550	<sup>a</sup> 1,099	<sup>a</sup> 215	<sup>a</sup> 54	<sup>a</sup> 1,453	<sup>a</sup> 97	<sup>a</sup> 303	<sup>a</sup> 175
May .....	185	1,420	1,062	105	54	1,251	168	108	-39
June .....	219	1,487	1,062	123	52	1,310	177	275	144
July .....	225	1,451	980	116	51	1,212	239	319	196
August .....	225	1,468	1,095	100	49	1,291	177	231	106
September .....	223	1,496	1,071	84	47	1,287	211	376	169
October .....	202	1,498	1,112	66	58	1,323	174	408	216
November .....	291	1,959	1,378	99	48	1,664	295	341	268
December .....	155	1,448	1,245	32	37	1,228	220	335	129
<b>Total</b> .....	<sup>a</sup> 3,061	<sup>a</sup> 19,568	<sup>a</sup> 14,106	<sup>a</sup> 1,281	<sup>a</sup> 618	<sup>a</sup> 16,908	<sup>a</sup> 2,660	<sup>a</sup> 3,865	<sup>a</sup> 2,158
<b>1994</b>									
January .....	171	1,423	857	120	64	1,143	280	336	229
February .....	142	1,370	908	41	56	1,119	251	315	196
March .....	137	1,306	784	104	54	1,082	244	381	275
April .....	123	1,242	777	160	54	1,076	166	256	133

<sup>a</sup> Includes sales for resale and sales to ultimate consumers.

<sup>b</sup> Excludes income taxes.

<sup>c</sup> Total income before interest charges and extraordinary expenses and investment tax credits minus income taxes, interest charges, and extraordinary items.

<sup>a</sup> = 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, 1988-1994**

(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 <sup>a</sup>	Volume	Price <sup>a</sup>	Volume	Price <sup>a</sup>	Volume	Price <sup>a</sup>	Volume	Price <sup>a</sup>	
<b>1988 Total</b> .....	294,821	2.65	440,683	4.99	735,504	4.05	4,866,193	3.47	5,601,697	3.55	48
<b>1989 Total</b> .....	302,843	2.58	485,592	5.02	858,435	3.91	4,324,349	3.51	5,182,784	3.58	50
<b>1990 Total</b> .....	229,662	2.80	374,166	5.18	603,828	4.28	3,849,486	3.40	4,453,314	3.52	51
<b>1991 Total</b> .....	157,212	2.48	364,078	4.77	521,290	4.08	3,309,713	3.51	3,831,003	3.59	50
<b>1992</b>											
January .....	12,270	2.58	59,297	4.53	71,567	4.19	333,807	3.58	405,374	3.68	48
February .....	10,489	2.09	42,699	4.42	53,188	3.97	287,148	3.32	340,336	3.42	49
March .....	11,460	2.14	35,898	4.42	47,358	3.87	290,133	3.14	337,491	3.24	49
April .....	14,178	2.15	26,940	4.79	41,118	3.88	221,838	3.32	262,954	3.40	50
May .....	14,610	1.82	16,500	5.12	31,110	3.57	224,480	3.27	255,590	3.31	50
June .....	9,991	2.79	13,422	5.45	23,413	4.31	179,954	3.58	203,367	3.66	50
July .....	14,592	2.04	14,071	5.25	28,663	3.62	188,636	3.45	217,299	3.47	50
August .....	16,179	2.30	13,925	5.28	30,104	3.68	213,550	3.51	243,654	3.53	50
September .....	12,858	2.58	13,916	5.36	26,774	4.01	199,882	3.87	226,636	3.99	50
October .....	12,561	2.90	17,436	5.71	29,997	4.53	222,047	3.99	252,044	4.06	50
November .....	13,316	3.01	35,936	4.96	49,252	4.43	294,466	3.90	343,718	3.97	50
December .....	12,300	2.89	55,691	5.00	67,991	4.62	353,866	3.35	421,857	3.56	50
<b>Total</b> .....	154,802	2.42	345,731	4.86	500,533	4.11	3,009,787	3.51	3,510,320	3.60	50
<b>1993</b>											
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 .....	<sup>a</sup> 7,398	<sup>a</sup> 2.29	<sup>a</sup> 129	<sup>a</sup> 2.46	<sup>a</sup> 7,525	<sup>a</sup> 2.29	<sup>a</sup> 251,075	<sup>a</sup> 3.28	<sup>a</sup> 258,600	<sup>a</sup> 3.25	51
May .....	7,609	2.43	2,026	4.92	9,635	2.95	168,359	3.19	177,994	3.17	51
June .....	6,361	2.38	1,788	4.77	8,149	2.90	199,331	2.82	207,480	2.82	50
July .....	9,047	2.35	2,212	4.68	11,259	2.81	204,926	2.88	216,185	2.87	50
August .....	13,732	2.92	2,552	4.49	16,284	2.91	201,552	3.00	217,836	2.99	50
September .....	4,324	2.75	1,612	5.39	5,936	3.47	209,123	2.88	215,059	2.90	50
October .....	6,581	2.25	24	5.50	6,605	2.26	190,579	3.02	197,184	3.00	50
November .....	6,666	1.91	16	1.75	6,682	1.91	277,645	2.65	284,327	2.63	50
December .....	2,141	2.40	14	2.00	2,155	2.40	145,687	2.80	147,842	2.79	51
<b>Total</b> .....	<sup>a</sup> 80,667	<sup>a</sup> 2.39	<sup>a</sup> 17,326	4.62	<sup>a</sup> 97,993	<sup>a</sup> 2.79	<sup>a</sup> 2,831,575	<sup>a</sup> 3.06	<sup>a</sup> 2,929,568	<sup>a</sup> 3.05	51
<b>1994</b>											
January .....	4,056	1.33	15	2.00	4,071	1.33	167,158	2.35	171,229	2.33	51
February .....	2,731	2.29	13	2.15	2,744	2.29	137,772	2.47	140,516	2.47	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

<sup>a</sup> All prices are weighted averages.

<sup>a</sup> = 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, April 1994**

(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 <sup>a</sup>	Volume	Price <sup>a</sup>	Volume	Price <sup>a</sup>	Volume	Price <sup>a</sup>	Volume	Price <sup>a</sup>
Algonquin Gas .....	0	—	0	—	0	—	0	—	0	—
ANR .....	0	—	0	—	0	—	0	—	0	—
Arkla Energy Resources Co. ....	0	—	0	—	0	—	3,492	2.00	3,492	2.00
Bear Creek Storage .....	0	—	0	—	0	—	0	—	0	—
Chandeleux Pipeline Co. ....	0	—	0	—	0	—	0	—	0	—
Colorado Interstate .....	0	—	0	—	0	—	2,072	1.02	2,072	1.02
Columbia Gas Transm. ....	0	—	0	—	0	—	492	1.01	492	1.01
Columbia Gulf .....	0	—	0	—	0	—	0	—	0	—
Consolidated Gas .....	0	—	0	—	0	—	1,100	2.66	1,100	2.66
East Tennessee .....	0	—	0	—	0	—	0	—	0	—
El Paso .....	0	—	0	—	0	—	1,359	1.94	1,359	1.94
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	—
Michigan Gas Storage .....	0	—	0	—	0	—	0	—	0	—
Midwestern .....	0	—	0	—	0	—	0	—	0	—
Mississippi River .....	1,132	2.06	0	—	1,132	2.06	2,694	2.25	3,826	2.20
Mobile Bay Pipeline Co. ....	0	—	0	—	0	—	0	—	0	—
Mojave Pipeline Co. ....	0	—	0	—	0	—	0	—	0	—
Mountain Fuel Res. ....	0	—	0	—	0	—	0	—	0	—
National Fuel .....	0	—	0	—	0	—	0	—	0	—
Natural Gas Pipeline .....	0	—	0	—	0	—	9,554	1.64	9,554	1.64
Northern Border .....	0	—	0	—	0	—	0	—	0	—
Northern Natural .....	0	—	0	—	0	—	1,672	3.06	1,672	3.06
Northwest Alaskan .....	0	—	0	—	0	—	31,483	2.01	31,483	2.01
Northwest Pipeline .....	0	—	0	—	0	—	554	1.81	554	1.81
Overthrust Pipeline .....	0	—	0	—	0	—	0	—	0	—
Pacific Gas Transm. ....	0	—	0	—	0	—	0	—	0	—
Pacific Interstate .....	0	—	0	—	0	—	6,383	2.93	6,383	2.93
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	—	9,884	2.19	9,884	2.19
Stingray Pipeline .....	0	—	0	—	0	—	0	—	0	—
Tenneco, Inc. ....	0	—	0	—	0	—	9,449	2.27	9,449	2.27
Texas Eastern .....	0	—	0	—	0	—	0	—	0	—
Texas Gas Transm. ....	0	—	0	—	0	—	5,246	2.07	5,246	2.07
Trailblazer Pipeline .....	0	—	0	—	0	—	0	—	0	—
Transcontinental .....	0	—	0	—	0	—	23,106	3.09	23,106	3.10
Transwestern Pipeline .....	263	1.72	13	2.23	276	1.75	0	—	276	1.75
Trunkline Gas Co. ....	0	—	0	—	0	—	9,958	1.99	9,958	1.99
U-T Offshore .....	0	—	0	—	0	—	0	—	0	—
United Gas Pipeline .....	0	—	0	—	0	—	2,401	3.08	2,401	3.08
Viking Gas Company .....	0	—	0	—	0	—	0	—	0	—
Williams Natural .....	0	—	0	—	0	—	0	—	0	—
Williston Basin .....	0	—	0	—	0	—	392	1.40	392	1.40
Wyoming Interstate .....	0	—	0	—	0	—	0	—	0	—
<b>Total/Average Price<sup>a</sup> .....</b>	<b>1,395</b>	<b>2.14</b>	<b>13</b>	<b>2.31</b>	<b>1,408</b>	<b>2.14</b>	<b>121,271</b>	<b>2.36</b>	<b>122,679</b>	<b>2.36</b>
<b>Sales to Other Major Companies .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>—</b>	<b>0</b>	<b>—</b>
<b>Sales Excluding Sales to Major Companies .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>121,271</b>	<b>2.35</b>	<b>122,679</b>	<b>2.35</b>

<sup>a</sup> 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, 1988-1994**  
(Million Cubic Feet)

Year and Month	Transported Gas <sup>a</sup>	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
<b>1988 Total</b> .....	18,950,507	139,621	23,960	4,516,120	66,879	962,363	374,963	5,920,365
<b>1989 Total</b> .....	18,696,398	108,036	24,609	3,532,568	74,068	903,488	411,997	4,922,131
<b>1990 Total</b> .....	21,681,372	93,386	24,163	3,601,690	72,986	985,859	365,273	4,995,808
<b>1991 Total</b> .....	22,031,321	73,065	23,376	2,631,069	72,118	806,558	274,168	3,783,913
<b>1992</b>								
January .....	2,309,478	6,645	1,855	251,382	8,000	64,855	38,728	362,965
February .....	2,159,190	6,079	2,070	205,682	7,942	63,868	24,695	302,187
March .....	2,183,665	6,156	2,303	148,181	8,643	68,723	19,804	246,351
April .....	2,107,984	6,796	2,208	164,991	5,813	59,849	21,858	252,511
May .....	1,979,257	6,969	2,304	170,687	5,935	67,619	19,859	264,100
June .....	1,912,827	5,243	2,076	155,643	4,603	58,782	17,999	236,227
July .....	1,925,300	5,675	1,969	156,145	5,106	65,557	23,342	250,150
August .....	1,888,726	6,146	2,045	166,766	5,429	72,672	18,715	263,582
September .....	1,807,828	6,260	1,220	175,857	5,268	74,569	6,669	262,563
October .....	1,979,298	6,352	2,209	188,702	5,360	71,677	19,180	284,919
November .....	2,130,614	6,503	2,195	223,304	9,938	71,100	23,592	327,934
December .....	2,194,128	6,604	2,633	247,161	10,494	79,706	45,325	362,686
<b>Total</b> .....	24,577,895	75,428	25,107	2,254,501	82,751	816,977	279,946	3,434,175
<b>1993</b>								
January .....	2,160,587	6,430	1,064	203,273	5,475	45,331	7,912	261,991
February .....	1,966,703	6,047	2,102	155,930	5,238	70,472	5,571	237,211
March .....	2,166,065	29,669	0	166,270	5,563	71,018	9,610	252,461
April .....	<sup>a</sup> 1,981,262	5,532	<sup>a</sup> 1,033	<sup>a</sup> 156,249	4,796	75,599	<sup>b</sup> -2,233	<sup>a</sup> 234,401
May .....	1,934,569	5,578	894	162,910	5,037	63,140	5,158	236,245
June .....	1,949,219	5,031	2,216	164,781	4,175	74,253	5,315	248,524
July .....	1,958,562	5,343	2,140	172,148	4,500	76,334	2,357	255,339
August .....	1,941,343	5,228	2,189	152,659	4,668	71,406	1,640	230,373
September .....	1,860,922	5,433	1,788	152,912	4,660	69,772	5,860	233,204
October .....	2,076,609	5,684	2,143	144,311	340	76,068	<sup>b</sup> -469	220,240
November .....	2,386,062	6,240	1,064	124,818	10	44,091	1,602	170,521
December .....	2,513,588	1,840	1,167	93,406	9,355	34,845	<sup>b</sup> -6,642	130,964
<b>Total</b> .....	<sup>a</sup> 24,903,201	68,055	<sup>a</sup> 17,830	<sup>a</sup> 1,849,667	53,817	772,309	<sup>a</sup> 35,681	<sup>a</sup> 2,711,474
<b>1994</b>								
January .....	2,854,998	4,812	2,408	83,522	3,433	45,668	<sup>b</sup> -11,249	121,374
February .....	2,782,583	5,272	2,156	63,817	2,862	35,142	<sup>b</sup> -10,406	91,416
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

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

<sup>b</sup> Includes out-of-period adjustments to correct data in prior month.

<sup>a</sup> = 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, April 1994**  
(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 .....	17,377	0	0	0	0	0	0	0
ANR .....	119,091	0	1,238	2,647	0	1,154	0	3,801
Arkla Energy Resources Co. ....	42,681	0	0	1,126	0	0	2,390	3,516
Bear Creek Storage .....	0	0	0	0	0	0	0	0
Chandeleux Pipeline Co. ....	6,866	0	0	0	0	0	0	0
Colorado Interstate .....	61,042	2,219	0	185	2,219	0	0	2,404
Columbia Gas Transm. ....	70,891	0	0	755	0	0	24	779
Columbia Gulf .....	85,002	0	0	0	0	0	*-295	*-295
Consolidated Gas .....	48,513	1,092	0	1,660	0	0	*-82	1,578
East Tennessee .....	6,872	0	0	0	0	0	0	0
El Paso .....	110,322	0	0	1,640	0	0	*-419	1,221
Equitrans .....	6,863	0	0	*-18	0	0	*-103	*-121
Florida Gas .....	26,397	0	0	*-1,209	0	0	30	*-1,179
Great Lakes Gas .....	72,460	0	0	0	0	0	0	0
High Island Offshore .....	25,195	0	0	0	0	0	0	0
Iroquois Gas Transm. Sys. ....	21,758	0	0	0	0	0	0	0
K N Energy Inc. ....	10,798	0	0	0	0	0	*-7	*-7
K N Wattenberg Trans. ....	6,368	0	0	0	0	0	1,419	1,419
Kern River Gas Trans. ....	21,501	0	0	0	0	0	0	0
Michigan Gas Storage .....	35,398	0	0	0	0	0	0	0
Midwestern .....	11,496	0	0	0	0	0	0	0
Mississippi River .....	23,179	0	0	480	0	0	0	480
Mobile Bay Pipeline Co. ....	6,866	0	0	0	0	0	0	0
Mojave Pipeline Co. ....	7,046	0	0	0	0	0	0	0
Mountain Fuel Res. ....	24,956	0	0	509	0	0	4,259	4,768
National Fuel .....	23,237	0	0	0	0	0	0	0
Natural Gas Pipeline .....	207,937	0	954	4,108	0	4,282	*-56	8,334
Northern Border .....	53,135	0	0	0	0	0	0	0
Northern Natural .....	165,465	0	0	310	8	0	2,056	2,374
Northwest Alaskan .....	0	0	0	0	0	31,463	0	31,463
Northwest Pipeline .....	51,169	0	0	0	0	0	0	0
Overthrust Pipeline .....	1,462	0	0	0	0	0	0	0
Pacific Gas Transm. ....	65,992	0	0	0	0	0	0	0
Pacific Interstate .....	0	0	0	0	0	0	6,834	6,834
Panhandle Eastern .....	49,496	0	0	0	0	0	0	0
Sabine Pipeline Co. ....	16,112	0	0	0	0	0	0	0
Sea Robin Pipeline .....	23,755	0	0	0	0	0	0	0
Southern Natural .....	41,421	0	0	7,763	0	0	0	7,763
Stingray Pipeline .....	22,621	0	0	0	0	0	0	0
Tenneco, Inc. ....	138,805	228	0	7,499	0	1,484	1,050	10,033
Texas Eastern .....	91,188	0	0	2,245	0	0	0	2,245
Texas Gas Transm. ....	62,885	0	0	5,230	0	0	0	5,230
Trailblazer Pipeline .....	14,821	0	0	0	0	0	0	0
Transcontinental .....	186,341	0	0	22,026	0	0	2,321	24,347
Transwestern Pipeline .....	44,055	0	0	102	0	0	0	102
Trunkline Gas Co. ....	46,506	0	0	10,082	0	0	0	10,082
U-T Offshore .....	6,096	0	0	0	0	0	0	0
United Gas Pipeline .....	61,121	0	0	900	0	0	0	900
Viking Gas Company .....	12,480	0	0	0	0	0	0	0
Williams Natural .....	26,768	0	0	428	0	0	0	428
Williston Basin .....	4,276	397	0	182	0	0	0	182
Wyoming Interstate .....	12,361	0	0	0	0	0	0	0
<b>Total .....</b>	<b>2,307,507</b>	<b>3,936</b>	<b>2,192</b>	<b>68,650</b>	<b>2,227</b>	<b>38,383</b>	<b>19,421</b>	<b>128,681</b>
<b>Purchases from Other Major Companies .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,415</b>	<b>16,415</b>
<b>Purchases Excluding Purchases from Other Major Companies .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>68,650</b>	<b>2,227</b>	<b>38,383</b>	<b>3,006</b>	<b>112,266</b>

\* 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, 1988-1994**  
(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 <sup>a</sup>	Volume	Percent	Injections	Withdrawals	Net <sup>c</sup>
<b>1988 Total<sup>a</sup></b> .....	3,800	2,850	6,650	94	3.4	2,174	2,244	-69
<b>1989 Total<sup>a</sup></b> .....	3,812	2,513	6,325	-337	-11.8	2,491	2,804	-313
<b>1990 Total<sup>a</sup></b> .....	3,868	3,068	6,936	555	22.1	2,433	1,934	499
<b>1991 Total<sup>a</sup></b> .....	3,954	2,824	6,778	-244	-8.0	2,608	2,689	-80
<b>1992</b>								
January .....	4,061	2,216	6,277	-148	-6.2	68	591	-524
February .....	4,057	1,837	5,894	-226	-10.9	52	441	-389
March .....	4,046	1,545	5,591	-367	-19.2	81	381	-301
April .....	4,038	1,573	5,611	-463	-22.8	167	150	18
May .....	4,044	1,848	5,892	-425	-18.7	330	83	277
June .....	4,050	2,153	6,203	-400	-15.7	368	43	323
July .....	4,064	2,480	6,524	-311	-11.2	357	50	307
August .....	4,062	2,761	6,823	-217	-7.3	364	54	309
September .....	4,061	3,044	7,105	-157	-4.9	346	48	298
October .....	4,065	3,223	7,288	-148	-4.3	264	78	186
November .....	4,061	3,054	7,115	-94	-3.0	95	276	-181
December .....	4,044	2,597	6,641	-227	-8.0	65	557	-491
<b>Total</b> .....	—	—	—	—	—	2,555	2,724	-168
<b>1993</b>								
January .....	4,258	1,829	6,087	-367	-17.5	41	597	-556
February .....	4,230	1,304	5,534	-534	-29.1	21	572	-551
March .....	4,203	1,028	5,232	-516	-33.4	80	383	-303
April .....	4,219	1,122	5,340	-452	-28.7	215	104	112
May .....	4,243	1,527	5,771	-321	-17.4	462	30	432
June .....	4,256	1,901	6,157	-252	-11.7	411	37	373
July .....	4,256	2,254	6,510	-208	-8.4	388	38	350
August .....	4,263	2,572	6,835	-189	-8.8	367	48	321
September .....	4,255	2,904	7,159	-140	-4.6	382	28	354
October .....	4,314	2,998	7,312	-225	-7.0	255	102	154
November .....	4,325	2,781	7,106	-273	-8.9	112	316	-204
December .....	4,325	2,338	6,663	-259	-10.0	60	500	-440
<b>Total</b> .....	—	—	—	—	—	2,794	2,754	41
<b>1994</b>								
January .....	4,347	1,578	5,925	-251	-13.7	33	758	-724
February .....	4,336	1,089	5,426	-214	-16.4	48	542	-494
March .....	4,342	957	5,299	-71	-6.9	105	239	-133
April .....	4,343	1,166	5,509	44	4.0	277	68	209
May .....	4,349	1,546	5,895	19	1.2	414	23	391

<sup>a</sup> Total as of December 31.

<sup>b</sup> Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1988, and 1989 - 8,124; 1990 - 8,125; 1991 - 7,993; 1992 - 7,932; and 1993 - 7,989.

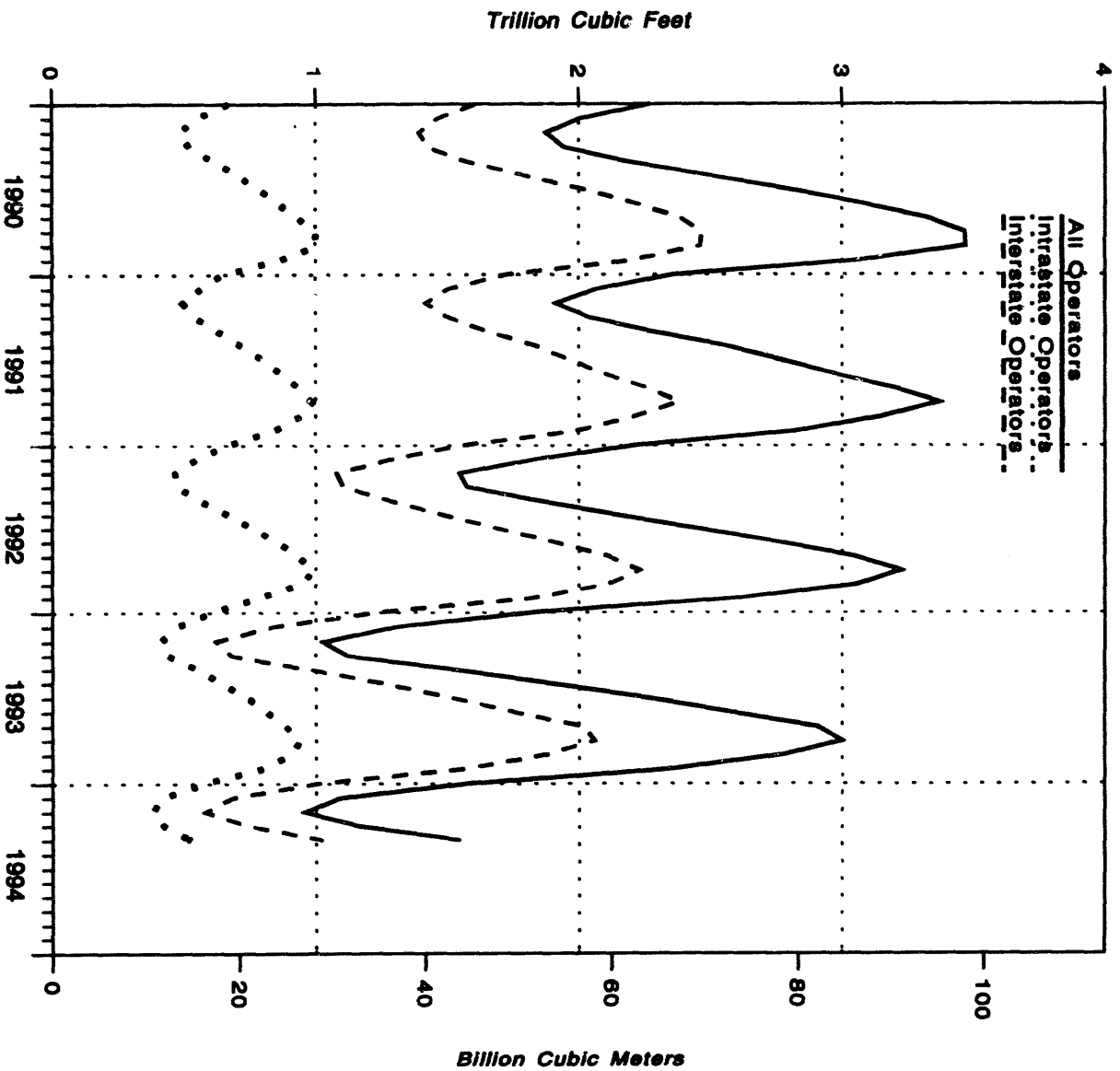
<sup>c</sup> Positive numbers indicate the volume of injections in excess of withdrawals. Negative numbers indicate the volume of withdrawals in excess of injections.

— = Not Applicable.

Notes: Data for 1988 through 1992 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-9, and Form EIA-176.

Figure 5. Underground Natural Gas Storage in the United States, 1990-1994



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



**Table 14. Underground Natural Gas Storage - Interstate Operators of Storage Fields, 1988-1994**  
(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 <sup>a</sup>	Volume	Percent	Injections	Withdrawals	Net <sup>a</sup>
<b>1988 Total<sup>a</sup></b> .....	2,499	2,092	4,561	68	3.3	1,567	1,532	55
<b>1989 Total<sup>a</sup></b> .....	2,478	1,764	4,242	-328	-15.7	1,788	2,072	-285
<b>1990 Total<sup>a</sup></b> .....	2,496	2,203	4,699	439	24.9	1,705	1,284	421
<b>1991 Total<sup>a</sup></b> .....	2,571	1,985	4,556	-218	-9.9	1,904	2,015	-111
<b>1992</b>								
January .....	2,675	1,554	4,230	-164	-9.5	60	410	-350
February .....	2,671	1,289	3,960	-213	-14.2	37	317	-280
March .....	2,661	1,080	3,741	-338	-23.8	65	284	-219
April .....	2,653	1,104	3,757	-396	-26.4	121	108	12
May .....	2,659	1,285	3,945	-362	-22.0	237	42	195
June .....	2,665	1,486	4,151	-348	-19.0	253	32	221
July .....	2,679	1,695	4,375	-274	-13.9	254	34	220
August .....	2,678	1,908	4,584	-197	-9.4	260	36	224
September .....	2,675	2,111	4,785	-155	-6.8	240	27	213
October .....	2,677	2,231	4,908	-151	-6.3	184	58	126
November .....	2,673	2,110	4,784	-100	-4.5	74	209	-135
December .....	2,652	1,819	4,471	-166	-8.4	54	366	-332
<b>Total</b> .....	—	—	—	—	—	1,838	1,940	-102
<b>1993</b>								
January .....	2,866	1,226	4,091	-329	-21.1	33	412	-379
February .....	2,848	835	3,683	-455	-35.3	11	419	-409
March .....	2,825	619	3,444	-461	-42.7	48	283	-235
April .....	2,839	681	3,521	-422	-38.3	142	70	71
May .....	2,861	979	3,840	-306	-23.8	342	20	322
June .....	2,867	1,257	4,124	-229	-15.4	302	19	282
July .....	2,867	1,516	4,384	-179	-10.6	276	18	257
August .....	2,872	1,756	4,628	-152	-8.0	265	24	241
September .....	2,874	2,019	4,893	-92	-4.4	275	13	262
October .....	2,925	2,058	4,983	-173	-7.8	171	77	95
November .....	2,941	1,875	4,816	-235	-11.1	78	244	-166
December .....	2,939	1,551	4,490	-269	-14.8	38	358	-320
<b>Total</b> .....	—	—	—	—	—	1,980	1,959	21
<b>1994</b>								
January .....	2,948	1,006	3,954	-220	-17.9	18	525	-506
February .....	2,943	680	3,623	-155	-18.5	33	364	-331
March .....	2,950	578	3,528	-41	-6.7	69	171	-102
April .....	2,949	744	3,693	62	9.2	205	39	167
May .....	2,956	1,025	3,981	46	4.7	299	13	286

<sup>a</sup> Total as of December 31.

<sup>b</sup> Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1988, 1989, and 1990 - 5,622; 1991 - 5,512; 1992 - 5,524; and 1993 - 5,367.

<sup>c</sup> 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 1992 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, 1988-1994**  
(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 <sup>a</sup>	Volume	Percent	Injections	Withdrawals	Net <sup>c</sup>
<b>1988 Total<sup>a</sup></b> .....	1,331	758	2,089	26	3.8	587	711	-124
<b>1989 Total<sup>a</sup></b> .....	1,335	749	2,083	-9	-1.2	705	732	-26
<b>1990 Total<sup>a</sup></b> .....	1,372	864	2,236	115	15.4	728	650	78
<b>1991 Total<sup>a</sup></b> .....	1,383	839	2,221	-25	-2.9	705	674	31
<b>1992</b>								
January .....	1,386	661	2,047	18	2.7	8	182	-174
February .....	1,386	548	1,934	-13	-2.4	15	124	-109
March .....	1,385	465	1,850	-29	-5.9	16	96	-82
April .....	1,385	470	1,854	-67	-12.5	47	42	5
May .....	1,385	563	1,948	-63	-10.1	93	11	82
June .....	1,385	666	2,051	-52	-7.3	113	11	102
July .....	1,385	764	2,150	-37	-4.6	103	16	87
August .....	1,386	853	2,239	-20	-2.3	103	18	85
September .....	1,386	933	2,320	-3	-0.3	106	21	85
October .....	1,386	992	2,380	6	0.6	80	22	57
November .....	1,388	943	2,331	6	0.6	21	67	-46
December .....	1,392	778	2,170	-61	-7.3	11	171	-160
<b>Total</b> .....	—	—	—	—	—	717	784	-67
<b>1993</b>								
January .....	1,383	603	1,996	-58	-8.8	7	185	-178
February .....	1,382	469	1,851	-79	-14.5	11	153	-142
March .....	1,378	410	1,788	-55	-11.9	32	100	-68
April .....	1,379	440	1,819	-29	-6.3	74	33	40
May .....	1,382	548	1,931	-15	-2.6	120	10	110
June .....	1,389	644	2,033	-23	-3.4	109	18	91
July .....	1,388	738	2,126	-27	-3.5	113	20	93
August .....	1,390	816	2,207	-37	-4.3	102	22	81
September .....	1,381	885	2,266	-48	-5.2	107	15	92
October .....	1,389	940	2,329	-52	-5.2	84	25	59
November .....	1,385	906	2,290	-38	-4.0	34	72	-39
December .....	1,386	787	2,173	9	1.2	21	141	-120
<b>Total</b> .....	—	—	—	—	—	814	795	19
<b>1994</b>								
January .....	1,399	572	1,971	-31	-5.1	14	232	-217
February .....	1,393	410	1,802	-60	-12.7	15	178	-163
March .....	1,391	380	1,771	-30	-7.3	36	68	-31
April .....	1,393	422	1,815	-18	-4.1	71	29	42
May .....	1,393	521	1,914	-27	-4.9	115	10	105

<sup>a</sup> Total as of December 31.

<sup>b</sup> Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1988, and 1989 - 2,502; 1990 - 2,503; 1991 - 2,481; 1992 - 2,407; and 1993 - 2,621.

<sup>c</sup> 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 1992 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, 1992-1994**  
(Volumes in Million Cubic Feet)

State	1994					1993	
	May	April	March	February	January	Total	December
Arkansas .....	-531	310	1,303	1,041	1,468	4,541	857
California .....	-28,054	-18,917	897	44,162	39,338	-23,078	32,689
Colorado .....	-5,908	5,317	2,581	4,935	5,123	-2,422	1,175
Illinois .....	-24,080	267	14,673	44,056	72,701	-8,236	43,944
Indiana .....	59	704	2,074	3,489	6,416	-1,071	2,655
Iowa .....	-5,564	-1,828	2,997	9,452	18,261	-5,155	17,624
Kansas .....	-10,945	-670	816	14,149	15,498	-12,714	9,088
Kentucky .....	-9,701	-4,783	4,595	12,310	17,188	8,884	10,713
Louisiana .....	-32,180	-20,432	13,651	18,729	46,071	-10,193	44,414
Maryland .....	-2,067	-1,232	-486	2,468	6,488	865	2,869
Michigan .....	-72,540	-41,217	30,708	88,526	144,392	-39,917	90,793
Minnesota .....	-348	49	191	195	527	147	311
Mississippi .....	-4,738	-4,369	-3,384	3,632	8,679	710	7,005
Missouri .....	-1,454	2,155	278	530	1,266	68	-149
Montana .....	-938	781	2,019	4,805	3,824	21,332	3,231
Nebraska .....	-2,138	-962	-143	2,733	2,628	-3,667	2,342
New Mexico .....	-2,029	1,326	-280	1,919	3,007	8,841	-82
New York .....	-9,503	-9,006	7,941	14,303	17,921	-412	10,081
Ohio .....	-29,423	-15,824	16,898	35,259	56,653	21,318	40,369
Oklahoma .....	-24,152	-16,740	2,664	24,172	30,996	-16,744	14,755
Oregon .....	-1,210	820	946	1,126	1,282	69	1,103
Pennsylvania .....	-55,168	-36,772	26,649	77,166	109,191	855	48,965
Texas .....	-33,218	-22,904	-7,737	37,982	52,426	12,921	17,214
Utah .....	-6,033	-1,350	-2,891	7,093	4,357	-8,138	4,635
Washington .....	-2,604	-1,530	435	4,473	1,602	-1,757	-1,707
West Virginia .....	-25,108	-21,125	16,292	32,671	55,735	11,979	32,857
Wyoming .....	-1,574	-891	-563	2,702	627	489	2,280
<b>Total .....</b>	<b>-391,120</b>	<b>-208,805</b>	<b>133,123</b>	<b>494,061</b>	<b>723,848</b>	<b>-40,508</b>	<b>440,009</b>

See footnotes at end of table.

**Table 16. Net Withdrawals from Underground Storage, by State, 1992-1994**  
(Volumes in Million Cubic Feet) — Continued

State	1993						
	November	October	September	August	July	June	May
Arkansas .....	634	126	0	0	10	-14	824
California .....	14,946	-12,900	-14,928	-10,526	-23,040	-13,993	-26,521
Colorado .....	2,516	-385	-4,187	-4,540	-3,880	-4,646	-2,713
Illinois .....	9,243	-25,480	-36,219	-33,793	-30,667	-32,731	-33,665
Indiana .....	1,381	-1,348	-4,192	-4,544	-4,455	-2,127	-1,257
Iowa .....	6,658	-7,585	-12,617	-10,344	-10,896	-6,100	-6,824
Kansas .....	9,837	-2,121	-14,328	-8,766	-5,456	-11,747	-24,818
Kentucky .....	5,640	-1,089	-6,357	-4,815	-7,557	-7,759	-6,426
Louisiana .....	13,495	-15,298	-35,912	-27,799	-26,990	-35,287	-38,181
Maryland .....	-411	-2,688	-2,547	-1,718	-1,126	-1,175	-2,217
Michigan .....	51,436	-33,852	-66,961	-82,150	-84,803	-85,216	-75,304
Minnesota .....	75	-83	-238	-128	-409	-344	-318
Mississippi .....	913	275	-5,542	-3,332	-5,147	-4,474	-7,011
Missouri .....	122	-215	-206	-317	-102	-451	-1,049
Montana .....	4,106	88	-453	-302	-1,169	685	1,157
Nebraska .....	1,766	30	-1,539	-1,857	-2,561	-4,278	-2,958
New Mexico .....	2,713	-1,796	-612	2,318	-269	-1,221	-2,705
New York .....	3,440	-2,063	-7,364	-8,269	-10,095	-10,768	-10,921
Ohio .....	11,977	-6,840	-25,835	-26,949	-29,068	-31,671	-29,544
Oklahoma .....	17,766	-8,050	-15,947	-13,432	-14,917	-17,825	-20,586
Oregon .....	731	-490	-578	-1,042	-1,181	-1,298	-1,645
Pennsylvania .....	6,173	-14,785	-49,905	-40,777	-46,928	-53,535	-57,981
Texas .....	15,332	-5,731	-18,629	-11,975	-9,730	-8,376	-27,775
Utah .....	5,588	-5,223	-5,103	-5,153	-5,170	-6,636	-6,665
Washington .....	3,780	1,759	-1,979	-620	-2,148	-866	-4,528
West Virginia .....	12,919	-6,858	-20,458	-18,783	-20,172	-27,572	-39,358
Wyoming .....	1,445	-922	-1,206	-1,625	-2,051	-2,069	-983
<b>Total .....</b>	<b>204,421</b>	<b>-153,524</b>	<b>-353,643</b>	<b>-321,219</b>	<b>-349,997</b>	<b>-373,496</b>	<b>-432,012</b>

See footnotes at end of table.

**Table 16. Net Withdrawals from Underground Storage, by State, 1992-1994**  
(Volumes in Million Cubic Feet) — Continued

State	1993				1992		
	April	March	February	January	Total	December	November
Arkansas .....	121	478	872	633	514	624	366
California .....	-15,646	-6,478	17,346	37,972	28,120	54,629	9,136
Colorado .....	3,405	2,509	5,116	3,207	4,660	2,582	3,085
Illinois .....	-2,881	25,052	49,272	59,730	8,608	42,048	14,263
Indiana .....	-399	2,572	5,046	5,599	840	3,610	2,364
Iowa .....	-5,491	2,650	10,799	18,971	4,259	18,942	7,997
Kansas .....	-3,306	4,666	15,609	18,609	18,486	12,181	9,027
Kentucky .....	726	9,515	10,958	5,114	-6,573	2,982	1,514
Louisiana .....	-3,356	22,821	43,458	48,442	13,958	31,771	5,495
Maryland .....	456	1,859	4,290	3,272	-333	2,249	-544
Michigan .....	-20,444	65,891	103,072	97,623	2,251	84,911	47,094
Minnesota .....	49	418	418	398	-43	193	7
Mississippi .....	-2,502	6,109	8,454	5,961	-1,732	6,940	998
Missouri .....	-1,551	1,085	1,811	1,091	15	7	8
Montana .....	1,710	2,759	4,420	5,100	12,602	5,601	3,347
Nebraska .....	-975	1,010	2,009	3,344	-407	3,451	2,461
New Mexico .....	2,927	792	4,164	2,613	2,458	-417	1,036
New York .....	-3,984	10,303	16,122	13,106	-1,572	10,534	3,023
Ohio .....	-3,384	38,459	45,111	38,493	15,672	31,661	5,352
Oklahoma .....	-12,860	8,856	21,531	23,966	10,058	31,363	16,578
Oregon .....	426	728	1,397	1,918	872	579	1,100
Pennsylvania .....	-18,784	56,156	100,956	71,301	-5,873	57,665	-2,844
Texas .....	-19,952	12,328	24,656	45,359	43,441	55,358	35,326
Utah .....	1,016	3,663	5,057	5,873	-4,482	6,756	5,453
Washington .....	-1,002	-1,231	3,347	3,439	5,667	3,797	947
West Virginia .....	-5,496	29,813	43,205	31,863	8,180	17,912	6,675
Wyoming .....	-500	371	2,388	3,361	8,536	3,440	1,735
<b>Total .....</b>	<b>-111,662</b>	<b>303,175</b>	<b>551,082</b>	<b>556,357</b>	<b>168,381</b>	<b>491,369</b>	<b>181,199</b>

See footnotes at end of table.

**Table 16. Net Withdrawals from Underground Storage, by State, 1992-1994**  
(Volumes in Million Cubic Feet) — Continued

State	1992					
	October	September	August	July	June	May
Arkansas .....	198	-434	-664	-852	-509	16
California .....	-8,186	-17,264	-10,887	-15,281	-23,985	-15,170
Colorado .....	-2,189	-5,922	-8,286	-4,177	-2,019	368
Illinois .....	-26,155	-32,462	-35,313	-28,140	-29,861	-31,163
Indiana .....	-2,936	-5,203	-4,107	-5,123	-2,563	-1,206
Iowa .....	-8,683	-10,088	-10,162	-10,141	-7,264	-7,583
Kansas .....	-3,672	-10,142	-11,527	-4,255	-2,319	-2,161
Kentucky .....	-10,704	-4,201	-1,610	-3,544	-1,546	1,236
Louisiana .....	-18,911	-16,545	-13,386	-13,811	-18,063	-19,021
Maryland .....	-1,333	-2,204	-2,546	-1,942	-2,867	-3,527
Michigan .....	-28,345	-67,401	-67,079	-73,161	-66,808	-43,850
Minnesota .....	4	-126	-184	-299	-307	-391
Mississippi .....	-267	-6,250	-297	-4,165	-7,931	-3,896
Missouri .....	-191	-208	-218	-266	-146	-427
Montana .....	1,357	280	-766	-1,026	-714	-1,517
Nebraska .....	316	-1,167	-1,187	-2,083	-2,611	-1,609
New Mexico .....	-2,559	-1,172	-1,949	2,103	-542	95
New York .....	-3,455	-6,468	-9,745	-10,849	-9,127	-9,430
Ohio .....	-11,598	-15,846	-23,106	-26,770	-29,912	-26,466
Oklahoma .....	-7,728	-12,709	-5,444	-16,356	-11,329	-8,448
Oregon .....	-172	-453	-1,010	-1,194	-1,540	-1,572
Pennsylvania .....	-28,736	-47,631	-48,824	-41,339	-58,946	-45,507
Texas .....	-9,677	-15,735	-28,309	-17,447	-16,212	-26,278
Utah .....	-1,284	-3,128	-4,680	-3,526	-2,776	-3,514
Washington .....	760	-1,196	-1,458	-1,024	-1,175	-1,351
West Virginia .....	-12,723	-13,281	-18,576	-19,023	-21,294	-24,410
Wyoming .....	1,034	-814	-101	-1,069	-568	-343
<b>Total .....</b>	<b>-185,819</b>	<b>-297,793</b>	<b>-309,424</b>	<b>-306,761</b>	<b>-322,935</b>	<b>-277,127</b>

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 "1991 and 1992" 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,  
May 1994**  
(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 .....	31,278	16,311	1,336	17,647	-3361	-71.6	657	127
California .....	472,109	251,384	116,403	367,787	-21869	-15.8	28,714	660
Colorado .....	105,584	48,549	17,154	65,703	-3164	-15.6	6,012	104
Illinois .....	958,969	624,777	121,790	746,568	-3566	-2.8	24,810	731
Indiana .....	108,557	72,222	17,184	89,407	-866	-4.8	934	993
Iowa .....	270,200	200,700	16,978	217,678	-15	-0.1	5,565	1
Kansas .....	290,148	190,547	49,432	239,979	2627	5.6	13,845	2,900
Kentucky .....	209,753	105,433	62,414	167,847	-9993	-13.8	10,600	899
Louisiana .....	543,080	282,750	131,435	394,185	44459	51.1	34,227	2,067
Maryland .....	62,000	46,677	6,765	53,443	1504	28.6	2,097	30
Michigan .....	1,046,582	419,661	277,239	696,900	50416	22.2	75,473	2,933
Minnesota .....	6,000	4,655	1,237	5,892	96	8.4	349	0
Mississippi .....	124,139	71,959	29,837	101,796	-12687	-29.8	5,817	1,079
Missouri .....	30,564	21,600	6,094	27,694	-1456	-19.3	1,549	85
Montana .....	375,010	167,491	71,440	238,931	-15333	-17.7	1,929	991
Nebraska .....	93,312	78,357	3,985	82,342	-48031	-92.3	2,156	18
New Mexico .....	94,600	29,702	4,342	34,044	-3653	-47.0	2,389	360
New York .....	173,463	102,808	35,597	138,405	4722	15.3	10,749	1,246
Ohio .....	595,008	355,957	50,569	406,526	7033	16.2	29,893	470
Oklahoma .....	363,593	224,533	73,474	298,007	21757	42.1	24,385	232
Oregon .....	11,623	4,896	1,858	6,754	-1793	-49.1	1,210	0
Pennsylvania .....	658,578	361,229	166,364	527,593	32499	24.3	57,181	2,013
Texas .....	621,590	238,540	166,783	407,323	-14443	-7.9	36,929	3,711
Utah .....	122,499	58,019	16,042	74,061	9131	132.1	6,082	59
Washington .....	33,900	18,600	9,471	28,271	-20	-0.2	2,667	283
West Virginia .....	520,512	310,380	67,235	377,614	-17438	-20.6	25,904	797
Wyoming .....	105,669	60,746	21,689	82,434	2494	13.0	1,695	121
<b>Total .....</b>	<b>8,028,321</b>	<b>4,348,684</b>	<b>1,546,148</b>	<b>5,894,832</b>	<b>18851</b>	<b>1.2</b>	<b>414,048</b>	<b>22,919</b>

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, 1992-1994**  
(Million Cubic Feet)

State	YTD 1994	YTD 1993	YTD 1992	1994		
				April	March	February
Alabama .....	32,768	30,596	28,661	4,545	6,917	10,630
Alaska .....	7,010	6,976	6,820	1,480	1,952	1,763
Arizona .....	12,363	15,888	15,721	2,139	3,654	847
Arkansas .....	26,110	26,966	22,008	3,756	5,658	7,973
California .....	227,420	240,359	223,619	35,326	52,494	66,994
Colorado .....	55,214	59,292	50,885	9,792	13,584	15,486
Connecticut .....	26,515	24,097	23,306	4,068	6,576	8,018
Delaware .....	5,900	5,182	4,827	898	1,513	1,676
District of Columbia .....	10,494	9,997	9,504	1,443	2,514	3,113
Florida .....	7,323	6,865	7,368	1,136	1,452	2,045
Georgia .....	58,207	61,055	53,825	5,322	12,095	16,810
Hawaii .....	208	202	194	51	52	53
Idaho .....	6,267	6,946	4,879	998	1,427	1,919
Illinois .....	277,239	270,759	243,266	34,511	57,663	81,046
Indiana .....	97,149	91,873	81,152	12,877	20,708	28,180
Iowa .....	59,120	47,474	39,357	8,036	11,887	18,183
Kansas .....	43,853	51,436	38,400	5,845	8,764	13,429
Kentucky .....	37,926	36,735	32,308	3,587	8,386	10,521
Louisiana .....	32,380	30,512	29,275	4,106	6,730	9,581
Maine .....	492	483	485	69	116	135
Maryland .....	46,624	43,338	40,829	5,961	10,854	14,181
Massachusetts .....	73,434	69,402	66,762	11,482	18,221	22,302
Michigan .....	223,383	204,482	192,242	33,538	50,779	65,756
Minnesota .....	75,082	67,991	59,198	11,130	15,694	22,233
Mississippi .....	17,024	16,240	14,565	2,245	3,468	5,172
Missouri .....	NA	82,107	64,001	NA	NA	NA
Montana .....	9,445	10,386	7,700	1,608	2,186	2,923
Nebraska .....	27,195	31,342	21,280	4,028	6,111	8,581
Nevada .....	10,906	11,266	9,623	1,474	2,505	3,331
New Hampshire .....	4,070	3,859	3,756	665	925	1,186
New Jersey .....	128,671	116,823	109,248	17,285	30,414	38,946
New Mexico .....	17,863	15,666	17,909	2,632	3,875	5,251
New York .....	232,704	221,455	212,116	36,017	56,707	68,435
North Carolina .....	30,964	29,606	24,842	3,550	6,677	9,564
North Dakota .....	6,540	6,125	5,087	1,031	1,448	2,019
Ohio .....	210,775	196,280	184,909	29,130	48,314	59,868
Oklahoma .....	43,838	47,304	36,015	6,061	10,123	13,775
Oregon .....	14,811	16,738	11,959	2,391	3,354	4,366
Pennsylvania .....	166,262	153,789	148,237	22,961	40,032	48,060
Rhode Island .....	10,975	11,909	11,162	1,738	2,757	3,346
South Carolina .....	15,216	15,241	13,218	1,515	3,003	4,934
South Dakota .....	11,343	6,906	5,333	1,658	2,498	3,806
Tennessee .....	37,389	34,704	29,843	4,546	7,652	11,541
Texas .....	123,437	120,158	108,954	15,480	26,424	38,314
Utah .....	22,935	27,927	23,607	3,524	4,831	7,329
Vermont .....	1,563	1,562	1,508	261	369	456
Virginia .....	40,806	38,268	34,749	4,538	9,413	12,252
Washington .....	26,917	28,982	21,708	4,521	6,668	7,819
West Virginia .....	22,144	20,356	20,781	3,279	5,133	6,340
Wisconsin .....	76,883	71,851	64,914	11,083	16,870	22,755
Wyoming .....	6,207	6,765	5,466	1,135	1,388	1,812
<b>Total .....</b>	<b>2,836,794</b>	<b>2,754,501</b>	<b>2,487,180</b>	<b>397,118</b>	<b>639,286</b>	<b>838,434</b>

See footnotes at end of table.



**Table 18. Natural Gas Deliveries to Residential Consumers, by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1994	1993				
	January	Total	December	November	October	September
Alabama .....	10,675	51,207	6,701	3,835	1,522	1,326
Alaska .....	1,815	13,858	1,772	1,261	1,043	513
Arizona .....	5,623	28,166	4,558	1,848	988	855
Arkansas .....	8,722	45,532	6,176	4,020	1,578	1,103
California .....	72,606	499,290	70,493	39,229	24,385	23,927
Colorado .....	16,352	105,894	14,488	8,959	4,436	3,019
Connecticut .....	7,853	41,783	5,082	4,059	2,286	1,117
Delaware .....	1,614	8,272	971	607	288	184
District of Columbia .....	3,422	16,422	2,113	1,104	582	423
Florida .....	2,690	13,813	1,591	998	699	662
Georgia .....	23,980	115,626	20,505	11,563	6,126	2,882
Hawaii .....	53	558	47	46	42	42
Idaho .....	1,922	12,511	2,049	1,155	479	309
Illinois .....	104,019	495,409	75,161	51,239	31,948	15,196
Indiana .....	35,383	163,091	24,264	16,541	9,447	4,001
Iowa .....	21,014	84,028	12,178	8,892	4,604	2,142
Kansas .....	15,816	85,071	11,594	6,810	2,684	1,803
Kentucky .....	15,431	67,259	11,464	7,666	3,885	1,420
Louisiana .....	11,963	56,854	7,901	5,124	2,114	1,890
Maine .....	171	902	129	88	62	27
Maryland .....	15,629	75,950	10,648	6,562	3,586	2,114
Massachusetts .....	21,430	121,254	14,383	10,195	5,644	3,286
Michigan .....	73,310	365,632	50,114	34,000	22,111	9,908
Minnesota .....	26,026	123,007	18,110	12,466	7,000	3,537
Mississippi .....	6,139	28,383	3,837	2,521	934	816
Missouri .....	27,043	137,049	18,642	11,924	4,772	3,095
Montana .....	2,729	20,279	2,939	2,219	1,234	735
Nebraska .....	8,474	50,753	6,507	4,137	1,906	1,162
Nevada .....	3,597	20,683	3,261	1,492	804	651
New Hampshire .....	1,294	6,529	790	564	328	155
New Jersey .....	42,027	201,425	27,298	17,676	9,887	5,304
New Mexico .....	6,105	31,922	5,813	4,366	2,004	856
New York .....	71,546	387,813	49,991	33,861	19,182	9,836
North Carolina .....	11,172	47,156	6,740	3,922	1,461	815
North Dakota .....	2,042	10,717	1,456	964	505	271
Ohio .....	73,463	351,520	51,047	34,700	20,304	7,937
Oklahoma .....	13,880	78,572	10,701	6,801	2,324	1,734
Oregon .....	4,700	29,784	4,897	2,337	959	699
Pennsylvania .....	55,209	268,224	37,301	24,272	15,206	6,898
Rhode Island .....	3,133	19,722	2,023	1,510	875	467
South Carolina .....	5,765	24,093	3,615	2,009	624	387
South Dakota .....	3,582	12,431	1,768	1,261	641	363
Tennessee .....	13,650	57,855	8,902	5,590	1,801	1,108
Texas .....	43,219	228,787	32,256	23,455	11,442	7,217
Utah .....	7,251	51,779	7,619	4,676	2,322	1,449
Vermont .....	478	2,530	285	189	127	51
Virginia .....	14,603	64,511	9,866	5,486	2,655	1,414
Washington .....	7,909	54,412	8,490	4,745	2,216	1,406
West Virginia .....	7,392	34,930	5,030	3,308	1,805	735
Wisconsin .....	26,166	129,957	18,444	13,624	7,833	3,874
Wyoming .....	1,872	12,679	1,733	1,183	641	381
<b>Total .....</b>	<b>961,956</b>	<b>4,955,680</b>	<b>703,722</b>	<b>456,859</b>	<b>252,428</b>	<b>141,523</b>

See footnotes at end of table.

**Table 18. Natural Gas Deliveries to Residential Consumers, by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1993					
	August	July	June	May	April	March
Alabama .....	1,326	1,426	1,636	2,840	5,652	8,691
Alaska .....	402	423	577	891	1,288	1,471
Arizona .....	802	833	1,097	1,298	2,179	4,080
Arkansas .....	1,017	1,109	1,309	2,256	4,970	6,735
California .....	22,743	23,641	25,109	29,404	36,242	50,580
Colorado .....	2,384	2,843	3,965	6,487	9,670	14,984
Connecticut .....	959	1,026	1,257	1,921	3,989	6,171
Delaware .....	167	184	242	447	1,016	1,483
District of Columbia .....	414	432	540	817	1,624	2,836
Florida .....	611	671	764	952	1,463	1,903
Georgia .....	2,922	3,013	3,111	4,449	9,292	15,665
Hawaii .....	41	46	47	44	48	52
Idaho .....	250	301	333	689	1,040	1,699
Illinois .....	9,736	10,380	12,724	18,265	42,438	68,000
Indiana .....	3,060	3,140	4,348	6,396	14,327	23,924
Iowa .....	1,527	1,566	2,387	3,456	7,613	11,612
Kansas .....	1,664	1,674	2,459	4,727	9,162	13,049
Kentucky .....	1,145	1,299	1,722	1,921	5,024	9,264
Louisiana .....	1,637	2,112	2,217	2,946	5,580	7,940
Maine .....	22	22	30	36	71	115
Maryland .....	1,896	1,943	2,442	3,419	6,596	12,217
Massachusetts .....	3,090	3,505	4,472	7,277	13,203	16,308
Michigan .....	7,120	8,484	11,337	18,067	34,718	54,009
Minnesota .....	2,389	2,565	3,564	5,362	10,745	16,317
Mississippi .....	789	831	949	1,467	2,965	4,402
Missouri .....	2,486	2,870	3,675	7,478	13,434	21,556
Montana .....	526	604	639	997	1,674	2,591
Nebraska .....	954	1,068	1,427	2,252	4,864	7,316
Nevada .....	612	600	910	1,067	1,503	2,715
New Hampshire .....	124	149	211	349	721	1,009
New Jersey .....	4,617	5,104	5,972	6,744	19,991	31,606
New Mexico .....	828	965	442	981	1,894	3,484
New York .....	9,195	10,140	13,837	20,317	39,136	60,720
North Carolina .....	762	830	1,040	1,979	5,036	8,033
North Dakota .....	210	268	350	568	1,082	1,482
Ohio .....	6,501	7,220	11,797	13,734	32,024	52,333
Oklahoma .....	1,616	1,837	2,338	3,917	5,042	12,165
Oregon .....	672	768	945	1,769	2,533	3,844
Pennsylvania .....	5,666	5,595	8,528	10,967	24,899	42,203
Rhode Island .....	472	558	671	1,117	2,200	3,291
South Carolina .....	373	402	495	947	2,532	4,230
South Dakota .....	236	281	370	606	1,153	1,678
Tennessee .....	1,007	1,102	1,353	2,288	5,647	9,840
Texas .....	7,393	7,750	8,441	10,676	17,317	27,195
Utah .....	1,353	1,533	1,845	3,055	4,375	6,599
Vermont .....	45	50	84	138	271	433
Virginia .....	1,391	1,420	1,608	2,402	5,781	10,351
Washington .....	1,270	1,455	2,676	3,191	4,766	6,815
West Virginia .....	616	529	955	1,596	3,534	5,724
Wisconsin .....	2,570	2,467	3,726	5,548	12,504	18,048
Wyoming .....	292	366	506	811	1,166	1,655
<b>Total .....</b>	<b>120,146</b>	<b>129,633</b>	<b>163,496</b>	<b>233,371</b>	<b>449,193</b>	<b>702,413</b>

See footnotes at end of table.

**Table 12. Natural Gas Deliveries to Residential Consumers, by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1993		1992			
	February	January	Total	December	November	October
Alabama .....	8,165	8,087	49,644	7,281	3,402	1,728
Alaska .....	2,138	2,079	14,350	1,882	1,442	1,208
Arizona .....	4,122	5,507	28,386	5,118	1,576	1,000
Arkansas .....	7,123	8,139	39,474	6,185	3,132	1,511
California .....	66,997	87,540	479,537	75,266	37,291	24,434
Colorado .....	15,937	18,500	94,614	15,715	7,607	3,547
Connecticut .....	7,302	6,635	42,394	5,855	3,676	2,271
Delaware .....	1,382	1,301	5,194	1,044	628	307
District of Columbia .....	2,795	2,740	18,587	2,213	1,314	642
Florida .....	1,849	1,650	14,380	1,766	955	655
Georgia .....	18,101	17,977	108,214	18,555	12,934	5,284
Hawaii .....	51	51	551	50	42	42
Idaho .....	1,951	2,256	9,659	1,946	1,024	428
Illinois .....	74,466	85,855	475,380	77,632	54,950	28,742
Indiana .....	25,852	27,770	152,692	24,261	15,953	8,351
Iowa .....	13,078	15,171	74,879	12,827	8,350	3,725
Kansas .....	13,450	15,775	71,522	12,732	6,102	2,421
Kentucky .....	11,225	11,222	61,911	10,617	6,997	3,378
Louisiana .....	8,409	8,584	55,221	8,411	4,185	2,222
Maine .....	153	144	872	111	70	41
Maryland .....	12,767	11,757	75,122	10,567	6,555	4,036
Massachusetts .....	19,634	18,257	119,870	14,189	10,056	5,342
Michigan .....	56,815	58,940	358,088	50,376	34,278	20,856
Minnesota .....	18,621	22,308	113,560	18,543	12,657	6,449
Mississippi .....	4,393	4,480	26,487	4,198	1,927	979
Missouri .....	21,884	25,234	116,655	19,801	10,344	4,259
Montana .....	2,490	3,631	16,673	3,055	1,792	1,106
Nebraska .....	7,759	11,404	41,414	7,085	4,551	2,030
Nevada .....	3,157	3,892	18,184	3,302	1,226	727
New Hampshire .....	1,081	1,048	6,449	750	526	288
New Jersey .....	34,599	30,626	196,462	27,553	17,953	10,368
New Mexico .....	4,736	5,552	31,433	5,194	1,962	1,033
New York .....	62,212	59,387	378,689	49,715	30,758	18,633
North Carolina .....	8,149	8,389	42,588	6,819	3,446	1,781
North Dakota .....	1,522	2,059	9,693	1,472	990	458
Ohio .....	58,337	55,585	340,828	49,551	34,181	20,929
Oklahoma .....	12,493	14,604	65,811	11,635	4,722	2,236
Oregon .....	4,570	5,790	23,109	4,337	1,993	1,017
Pennsylvania .....	44,884	41,824	266,528	36,609	24,806	15,853
Rhode Island .....	3,326	3,091	20,000	2,403	1,720	890
South Carolina .....	4,247	4,232	22,392	3,784	1,750	792
South Dakota .....	1,784	2,291	10,791	1,797	1,267	602
Tennessee .....	9,089	10,127	52,220	9,125	4,473	1,885
Texas .....	34,330	41,315	214,582	35,434	19,205	8,584
Utah .....	8,045	8,918	44,701	7,957	3,844	1,802
Vermont .....	446	412	2,520	308	205	129
Virginia .....	11,461	10,675	62,431	9,396	5,553	3,307
Washington .....	7,491	9,891	43,048	7,930	4,236	2,236
West Virginia .....	5,916	5,182	35,291	4,146	3,120	1,899
Wisconsin .....	18,316	22,983	123,405	18,090	13,233	7,630
Wyoming .....	1,799	2,145	10,895	1,803	1,071	551
<b>Total .....</b>	<b>769,882</b>	<b>833,013</b>	<b>4,690,065</b>	<b>717,170</b>	<b>436,771</b>	<b>240,662</b>

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, 1992-1994**  
(Million Cubic Feet)

State	YTD 1994	YTD 1993	YTD 1992	1994		
				April	March	February
Alabama .....	14,295	13,307	12,531	2,221	3,202	4,464
Alaska .....	8,912	8,877	9,039	1,868	2,504	2,156
Arizona .....	10,102	11,806	11,908	2,379	3,049	1,025
Arkansas .....	15,650	15,804	12,843	2,327	3,426	4,744
California .....	105,511	106,253	104,861	25,546	23,257	27,261
Colorado .....	34,853	38,342	33,818	6,386	8,415	9,772
Connecticut .....	20,133	16,466	15,673	3,390	5,096	5,793
Delaware .....	3,426	2,961	2,722	518	866	1,068
District of Columbia .....	7,468	8,420	8,482	1,637	1,532	1,923
Florida .....	15,587	15,913	16,369	3,325	3,802	3,897
Georgia .....	26,516	28,061	25,177	3,486	5,836	7,665
Hawaii .....	745	731	728	185	189	176
Idaho .....	4,845	5,636	4,186	769	1,118	1,453
Illinois .....	110,226	108,178	98,004	14,460	23,962	32,439
Indiana .....	46,370	42,365	36,934	6,228	10,260	13,836
Iowa .....	33,774	27,481	22,686	4,692	6,932	10,383
Kansas .....	24,800	26,980	21,649	3,956	5,190	7,110
Kentucky .....	21,282	19,316	17,434	2,351	4,739	6,010
Louisiana .....	12,190	11,946	13,172	1,965	2,741	3,570
Maine .....	1,305	1,204	1,184	181	302	364
Maryland .....	23,365	22,660	21,584	2,876	5,749	6,485
Massachusetts .....	35,170	32,806	32,186	5,805	9,236	10,056
Michigan .....	110,755	98,142	91,866	16,724	24,809	33,478
Minnesota .....	47,302	45,902	41,727	7,212	10,447	13,557
Mississippi .....	10,433	10,134	8,643	1,609	2,225	3,111
Missouri .....	NA	37,931	31,697	NA	NA	NA
Montana .....	6,357	7,085	5,219	1,102	1,468	1,939
Nebraska .....	17,529	19,408	13,473	2,688	4,030	5,398
Nevada .....	8,057	7,735	7,260	1,450	1,992	2,276
New Hampshire .....	3,801	3,491	3,233	581	863	1,097
New Jersey .....	76,845	70,663	66,861	12,546	19,171	22,564
New Mexico .....	13,197	12,048	12,665	2,597	3,020	3,587
New York .....	NA	107,422	109,945	NA	27,693	32,927
North Carolina .....	20,173	18,959	17,513	2,564	4,839	6,037
North Dakota .....	6,107	5,654	4,888	933	1,340	1,815
Ohio .....	101,499	91,802	87,249	14,678	*22,996	29,745
Oklahoma .....	22,711	23,028	18,098	3,198	5,081	7,103
Oregon .....	10,871	12,314	9,163	1,831	2,475	3,159
Pennsylvania .....	77,725	71,662	70,576	11,628	19,647	21,478
Rhode Island .....	6,775	4,732	4,354	1,124	1,657	2,039
South Carolina .....	8,431	7,976	7,614	1,217	1,939	2,509
South Dakota .....	9,060	5,689	4,323	1,377	2,093	2,760
Tennessee .....	30,426	26,889	23,451	4,251	6,938	9,123
Texas .....	98,269	83,181	71,996	22,568	23,090	26,826
Utah .....	13,752	11,142	9,303	2,183	2,976	4,248
Vermont .....	1,511	1,264	1,272	263	335	446
Virginia .....	26,528	27,264	24,270	4,429	6,421	7,137
Washington .....	19,602	21,853	17,438	3,492	4,907	5,509
West Virginia .....	13,761	12,253	12,532	2,061	3,278	3,728
Wisconsin .....	44,801	42,129	37,255	6,767	10,116	12,932
Wyoming .....	4,812	4,855	3,971	890	1,091	1,441
<b>Total .....</b>	<b>1,538,102</b>	<b>1,460,230</b>	<b>1,341,005</b>	<b>253,766</b>	<b>*356,873</b>	<b>441,440</b>

See footnotes at end of table.

**Table 19. Natural Gas Deliveries to Commercial Consumers, by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1994	1993				
	January	Total	December	November	October	September
Alabama .....	4,406	25,916	3,066	2,123	1,269	1,137
Alaska .....	2,364	20,014	2,303	1,766	1,564	1,113
Arizona .....	3,649	27,612	3,332	2,112	1,559	1,590
Arkansas .....	5,153	28,917	3,467	2,472	1,366	1,123
California .....	29,446	269,939	30,311	22,096	21,022	16,306
Colorado .....	10,280	72,633	9,468	6,169	3,160	3,064
Connecticut .....	5,653	30,015	4,070	2,497	1,633	1,023
Delaware .....	956	5,252	766	406	226	154
District of Columbia .....	2,376	16,069	1,890	1,030	633	676
Florida .....	4,563	41,006	3,709	3,335	2,979	2,666
Georgia .....	9,530	57,669	7,774	5,259	3,351	2,474
Hawaii .....	195	2,123	172	163	173	166
Idaho .....	1,505	10,736	1,552	952	509	363
Illinois .....	39,364	203,202	28,067	22,151	13,063	7,361
Indiana .....	16,046	77,496	11,365	6,347	4,535	2,365
Iowa .....	11,767	50,422	6,833	5,673	2,664	1,636
Kansas .....	6,544	57,432	6,766	4,576	2,539	2,474
Kentucky .....	5,182	36,966	5,401	3,960	2,306	1,214
Louisiana .....	3,914	25,207	2,761	2,097	1,355	1,297
Maine .....	456	2,311	316	224	166	77
Maryland .....	6,256	43,245	5,826	3,866	2,213	1,666
Massachusetts .....	10,074	63,991	6,965	5,473	3,720	2,713
Michigan .....	35,744	176,300	23,491	16,696	10,119	5,770
Minnesota .....	16,066	65,965	12,066	9,030	5,575	2,920
Mississippi .....	3,587	20,304	2,426	1,619	1,047	926
Missouri .....	13,034	66,840	9,196	6,023	2,699	2,249
Montana .....	1,646	14,021	2,001	1,515	902	537
Nebraska .....	5,413	36,232	4,139	3,410	2,111	1,302
Nevada .....	2,336	17,553	2,175	1,425	1,050	910
New Hampshire .....	1,261	6,167	771	540	332	166
New Jersey .....	22,534	132,213	15,536	11,526	6,679	5,266
New Mexico .....	3,992	25,259	3,997	3,202	1,696	1,795
New York .....	31,177	219,459	26,737	16,110	13,667	9,991
North Carolina .....	6,933	34,658	2,967	3,204	2,056	1,521
North Dakota .....	2,019	10,644	1,476	1,066	629	361
Ohio .....	34,081	162,615	22,615	14,676	9,572	4,470
Oklahoma .....	7,329	40,926	5,215	3,440	1,565	1,361
Oregon .....	3,406	24,100	3,539	1,917	1,166	933
Pennsylvania .....	24,971	131,755	16,034	12,423	7,630	4,392
Rhode Island .....	1,954	9,206	1,323	1,009	503	243
South Carolina .....	2,766	16,764	2,031	1,436	963	630
South Dakota .....	2,830	10,696	1,416	1,065	633	393
Tennessee .....	*10,114	51,266	6,614	4,752	2,599	2,022
Texas .....	25,766	207,955	21,556	17,601	12,616	11,459
Utah .....	4,345	19,540	3,010	1,696	731	441
Vermont .....	467	2,362	324	235	143	83
Virginia .....	6,542	52,672	6,843	4,336	3,092	2,104
Washington .....	5,693	43,787	5,669	3,666	2,255	1,644
West Virginia .....	4,694	25,100	3,365	2,493	1,625	1,066
Wisconsin .....	14,766	78,943	11,044	6,516	4,833	2,504
Wyoming .....	1,390	9,614	1,305	817	624	350
<b>Total .....</b>	<b>*486,024</b>	<b>2,906,370</b>	<b>367,570</b>	<b>264,665</b>	<b>172,409</b>	<b>123,057</b>

See footnotes at end of table.

**Table 19. Natural Gas Deliveries to Commercial Consumers, by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1993					
	August	July	June	May	April	March
Alabama .....	1,098	1,105	1,199	1,564	2,566	3,632
Alaska .....	958	918	1,055	1,442	1,864	2,052
Arizona .....	1,611	1,665	2,046	1,861	2,418	3,071
Arkansas .....	1,044	1,010	1,075	1,536	2,914	3,967
California .....	15,595	19,856	16,987	19,515	19,725	23,421
Colorado .....	2,393	2,482	3,162	4,353	6,587	9,560
Connecticut .....	911	973	1,012	1,430	2,874	4,286
Delaware .....	164	163	139	281	569	850
District of Columbia .....	697	658	724	1,138	1,534	2,144
Florida .....	2,835	2,923	3,075	3,352	3,864	4,065
Georgia .....	2,514	2,600	2,559	3,077	4,829	7,755
Hawaii .....	170	174	183	168	177	179
Idaho .....	362	385	389	569	833	1,302
Illinois .....	5,640	5,877	5,099	7,745	17,603	27,690
Indiana .....	1,793	1,800	2,057	2,850	6,549	10,975
Iowa .....	1,208	1,215	1,481	2,030	4,308	6,756
Kansas .....	3,420	3,504	2,248	2,924	5,087	7,223
Kentucky .....	1,005	1,029	1,443	1,326	2,923	5,179
Louisiana .....	1,280	1,269	1,456	1,748	2,381	3,082
Maine .....	67	71	80	107	192	291
Maryland .....	1,555	1,496	1,846	2,094	3,742	6,182
Massachusetts .....	2,513	2,614	3,121	4,066	6,366	8,919
Michigan .....	4,133	5,039	5,968	8,940	18,049	25,283
Minnesota .....	2,183	2,176	2,533	3,561	7,222	11,305
Mississippi .....	922	970	958	1,100	1,741	2,655
Missouri .....	1,988	2,093	2,293	4,168	6,389	9,885
Montana .....	418	439	436	686	1,143	1,750
Nebraska .....	1,781	1,289	1,351	1,440	3,027	4,472
Nevada .....	940	921	1,054	1,344	1,317	2,022
New Hampshire .....	171	177	204	294	812	912
New Jersey .....	3,901	5,985	5,256	7,197	13,341	19,219
New Mexico .....	1,408	1,416	1,207	1,490	2,025	2,819
New York .....	10,413	10,369	11,087	11,562	20,159	28,850
North Carolina .....	1,415	1,314	1,421	1,793	3,300	5,038
North Dakota .....	294	317	347	477	926	1,339
Ohio .....	3,843	3,919	5,194	6,324	14,913	25,344
Oklahoma .....	1,442	1,343	1,458	2,075	3,770	5,949
Oregon .....	839	914	1,009	1,447	1,926	2,877
Pennsylvania .....	3,897	3,505	4,462	5,749	11,785	19,664
Rhode Island .....	364	273	330	429	907	1,325
South Carolina .....	834	826	861	988	1,478	2,158
South Dakota .....	292	315	343	531	996	1,346
Tennessee .....	1,839	1,912	2,023	2,618	4,625	7,385
Texas .....	15,027	16,324	15,471	14,520	17,105	19,070
Utah .....	414	471	560	1,074	1,805	2,695
Vermont .....	67	62	80	124	199	350
Virginia .....	2,052	1,986	2,171	2,825	4,835	7,305
Washington .....	1,765	1,616	1,921	2,797	3,817	5,201
West Virginia .....	1,012	906	1,088	1,271	2,184	3,452
Wisconsin .....	1,896	2,016	2,594	3,413	7,006	10,572
Wyoming .....	361	336	369	596	828	1,192
<b>Total .....</b>	<b>114,729</b>	<b>123,216</b>	<b>126,485</b>	<b>156,006</b>	<b>257,143</b>	<b>374,035</b>

See footnotes at end of table.

**Table 19. Natural Gas Deliveries to Commercial Consumers, by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1993		1992			
	February	January	Total	December	November	October
Alabama .....	3,581	3,528	25,235	3,338	1,983	1,320
Alaska .....	2,472	2,488	21,299	2,360	1,828	1,790
Arizona .....	2,968	3,439	27,135	3,573	1,858	1,580
Arkansas .....	4,161	4,742	25,314	3,598	2,078	1,219
California .....	33,765	29,322	285,035	28,738	20,999	19,112
Colorado .....	10,286	11,929	66,443	10,319	5,894	3,078
Connecticut .....	4,816	4,490	29,838	3,871	2,623	1,562
Delaware .....	810	732	4,965	622	396	240
District of Columbia .....	2,414	2,328	16,103	1,921	1,103	753
Florida .....	4,055	3,929	41,736	3,914	3,317	2,954
Georgia .....	7,887	7,610	53,881	7,642	4,640	3,201
Hawaii .....	190	185	2,144	184	178	168
Idaho .....	1,684	1,817	8,932	1,557	889	485
Illinois .....	29,700	33,186	196,972	31,575	22,757	12,394
Indiana .....	11,930	12,932	72,779	12,097	8,135	4,253
Iowa .....	7,756	8,662	46,097	7,827	5,843	2,845
Kansas .....	7,616	9,034	53,973	7,543	4,867	3,182
Kentucky .....	5,592	5,622	35,419	5,519	4,084	2,237
Louisiana .....	3,214	3,269	28,454	3,574	2,295	1,577
Maine .....	364	356	2,209	285	188	118
Maryland .....	6,514	6,222	42,464	5,565	3,895	2,491
Massachusetts .....	9,032	8,492	64,355	6,933	5,530	3,776
Michigan .....	27,068	27,742	173,806	24,211	18,298	9,780
Minnesota .....	12,792	14,583	82,381	12,795	9,526	5,092
Mississippi .....	2,944	2,794	17,942	2,367	1,489	942
Missouri .....	10,245	11,412	60,963	9,646	5,335	2,728
Montana .....	1,714	2,479	11,580	2,095	1,271	810
Nebraska .....	4,725	7,184	34,491	4,941	3,988	2,506
Nevada .....	2,117	2,279	16,113	2,170	1,022	982
New Hampshire .....	974	994	5,982	715	515	295
New Jersey .....	20,061	18,042	130,891	16,470	11,027	7,164
New Mexico .....	3,440	3,764	27,891	4,165	2,269	1,673
New York .....	29,647	28,766	217,220	25,808	16,804	2,880
North Carolina .....	5,223	5,398	36,424	4,941	3,010	2,138
North Dakota .....	1,478	1,911	9,782	1,549	1,015	576
Ohio .....	26,510	25,034	160,704	23,770	15,094	8,082
Oklahoma .....	6,186	7,124	35,235	5,771	2,608	1,449
Oregon .....	3,367	4,144	19,578	3,166	1,652	1,105
Pennsylvania .....	21,017	19,186	134,257	18,385	12,784	8,439
Rhode Island .....	1,359	1,140	9,089	951	654	609
South Carolina .....	2,114	2,225	16,644	2,069	1,345	1,006
South Dakota .....	1,498	1,849	9,127	1,476	1,104	558
Tennessee .....	7,553	7,326	46,534	6,846	3,983	2,368
Texas .....	21,693	25,314	184,677	22,093	17,386	11,672
Utah .....	3,307	3,536	16,599	3,120	1,329	545
Vermont .....	368	347	2,319	269	211	144
Virginia .....	7,738	7,366	50,757	6,895	4,714	3,275
Washington .....	5,718	7,118	37,893	5,709	3,418	2,240
West Virginia .....	3,504	3,114	24,419	3,396	2,092	1,482
Wisconsin .....	11,753	12,798	71,343	11,087	7,918	4,108
Wyoming .....	1,295	1,539	8,019	1,271	760	439
<b>Total .....</b>	<b>406,214</b>	<b>420,836</b>	<b>2,803,262</b>	<b>380,772</b>	<b>255,758</b>	<b>166,151</b>

<sup>N</sup> = Revised Data.

NA = Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Deliveries for total year 1991 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, 1992-1994**  
(Million Cubic Feet)

State	YTD 1994	YTD 1993	YTD 1992	1994		
				April	March	February
Alabama .....	58,738	62,198	57,225	14,001	14,819	13,299
Alaska .....	19,879	26,534	27,520	4,507	5,038	4,832
Arizona .....	7,343	7,120	6,684	1,956	1,865	1,392
Arkansas .....	46,866	40,584	41,286	10,480	13,195	9,827
California .....	220,327	182,262	200,943	57,868	53,221	54,013
Colorado .....	32,134	30,350	19,441	7,011	7,740	8,216
Connecticut .....	11,149	14,712	13,633	2,462	3,163	2,477
Delaware .....	4,568	6,786	5,750	985	1,266	1,157
District of Columbia .....	0	0	0	0	0	0
Florida .....	38,499	32,284	29,415	9,366	9,864	9,183
Georgia .....	52,830	55,771	59,514	13,895	14,223	12,512
Hawaii .....	0	0	0	0	0	0
Idaho * .....	9,967	10,586	9,441	2,358	2,464	2,511
Illinois .....	126,928	121,658	116,446	24,927	30,703	33,914
Indiana .....	99,010	98,181	88,661	21,159	24,896	25,356
Iowa .....	41,430	35,431	34,110	10,184	10,899	9,597
Kansas .....	NA	47,123	43,620	12,513	*19,948	NA
Kentucky .....	31,279	28,715	27,006	6,832	7,805	7,547
Louisiana .....	308,699	270,620	343,897	71,504	71,635	77,706
Maine .....	538	556	708	121	125	144
Maryland .....	14,592	16,769	18,438	4,398	5,206	2,339
Massachusetts .....	30,662	22,873	22,796	6,848	7,919	7,736
Michigan .....	119,131	119,313	115,599	27,113	30,338	30,706
Minnesota .....	32,423	34,003	36,030	8,120	7,742	7,427
Mississippi .....	36,906	38,802	35,828	8,614	9,087	9,289
Missouri .....	NA	23,320	22,375	NA	NA	NA
Montana .....	4,612	4,398	3,974	1,072	1,082	1,152
Nebraska .....	14,039	12,600	8,779	3,510	3,721	3,242
Nevada .....	8,752	10,582	3,114	2,065	2,264	2,106
New Hampshire .....	1,404	1,314	1,376	336	420	299
New Jersey .....	63,947	67,451	55,673	15,855	17,827	13,682
New Mexico .....	5,995	5,841	6,792	1,466	1,590	1,375
New York .....	65,182	59,420	54,185	15,534	16,612	15,806
North Carolina .....	31,621	32,473	31,868	8,235	9,522	7,198
North Dakota .....	2,251	2,307	2,236	477	582	550
Ohio .....	108,509	115,626	110,578	23,607	22,217	30,325
Oklahoma .....	71,426	60,873	61,252	15,333	16,737	20,514
Oregon .....	20,716	21,229	19,282	5,278	5,216	4,934
Pennsylvania .....	82,752	92,827	88,631	19,235	21,400	19,916
Rhode Island .....	13,334	14,978	16,356	3,138	3,491	3,155
South Carolina .....	30,507	32,007	31,719	8,493	9,095	6,902
South Dakota .....	2,333	1,799	1,672	454	606	580
Tennessee .....	39,280	42,282	44,717	9,369	*10,135	*9,981
Texas .....	641,442	640,384	575,189	147,881	156,215	172,547
Utah .....	12,688	17,912	15,372	2,509	2,794	3,515
Vermont .....	737	766	755	166	281	160
Virginia .....	25,518	32,570	23,317	4,951	6,277	6,852
Washington .....	35,414	32,938	28,983	9,267	9,161	8,320
West Virginia .....	16,206	17,096	14,920	3,639	4,279	3,899
Wisconsin .....	57,956	55,969	52,302	11,588	15,256	14,924
Wyoming .....	15,614	17,023	18,157	3,928	3,745	3,862
<b>Total .....</b>	<b>2,797,144</b>	<b>2,719,412</b>	<b>2,647,446</b>	<b>649,439</b>	<b>*700,283</b>	<b>*705,995</b>

See footnotes at end of table.



**Table 20. Natural Gas Deliveries to Industrial Consumers, by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1994	1993				
	January	Total	December	November	October	September
Alabama .....	14,618	174,276	15,200	14,882	14,775	12,636
Alaska .....	5,503	75,757	6,713	6,831	5,353	7,052
Arizona .....	2,129	21,132	2,183	2,006	1,799	1,756
Arkansas .....	13,384	*114,596	*11,648	10,534	9,753	8,532
California .....	55,225	576,526	50,775	48,826	57,645	48,221
Colorado .....	9,167	86,424	7,565	7,324	6,506	6,901
Connecticut .....	3,047	37,286	2,656	3,365	3,359	2,686
Delaware .....	1,161	19,295	1,401	1,545	1,535	1,618
District of Columbia .....	0	0	0	0	0	0
Florida .....	10,066	100,636	9,885	9,020	8,716	8,150
Georgia .....	12,200	169,641	14,835	14,895	14,822	13,314
Hawaii .....	0	0	0	0	0	0
Idaho .....	2,634	29,114	2,582	2,547	2,497	2,067
Illinois .....	37,385	304,382	30,286	27,863	25,265	20,875
Indiana .....	27,599	265,056	25,202	23,497	22,013	19,241
Iowa .....	10,970	103,011	9,472	9,907	9,043	8,367
Kansas .....	13,095	134,712	12,607	10,447	10,421	9,940
Kentucky .....	9,096	77,139	8,314	7,212	6,890	5,412
Louisiana .....	67,854	*844,206	*82,173	66,381	*81,809	69,577
Maine .....	148	1,632	159	186	187	143
Maryland .....	2,649	46,915	4,055	4,992	4,622	3,601
Massachusetts .....	8,156	82,690	8,610	8,752	8,807	7,992
Michigan .....	30,974	318,344	29,325	27,104	24,910	22,359
Minnesota .....	9,134	90,928	8,744	7,744	8,224	6,428
Mississippi .....	9,915	115,934	12,183	9,651	10,006	8,590
Missouri .....	6,749	59,661	5,830	5,513	4,834	4,159
Montana .....	1,306	12,477	1,245	1,222	1,160	1,045
Nebraska .....	3,566	34,054	3,443	3,175	2,678	2,551
Nevada .....	2,317	36,161	3,320	3,187	3,057	3,249
New Hampshire .....	349	3,936	335	410	327	279
New Jersey .....	16,583	185,196	15,544	16,677	14,524	14,422
New Mexico .....	1,564	18,409	1,745	1,612	1,744	1,604
New York .....	17,230	155,772	16,161	13,972	12,516	10,931
North Carolina .....	6,666	*91,313	*5,512	8,207	7,772	7,202
North Dakota .....	642	6,184	545	555	474	522
Ohio .....	32,359	301,431	32,733	27,464	24,355	20,846
Oklahoma .....	18,842	179,016	16,188	16,159	15,201	13,978
Oregon .....	5,286	61,780	5,220	5,292	5,247	5,115
Pennsylvania .....	22,201	244,168	21,152	19,753	19,273	17,099
Rhode Island .....	3,551	45,859	3,708	3,563	3,896	3,751
South Carolina .....	6,017	94,893	7,580	8,601	8,487	7,195
South Dakota .....	692	4,891	600	392	471	324
Tennessee .....	*9,795	120,061	10,430	8,732	10,221	9,343
Texas .....	164,799	1,946,123	172,644	136,405	152,539	221,532
Utah .....	3,670	46,204	5,405	4,674	3,418	2,714
Vermont .....	151	2,045	187	191	181	149
Virginia .....	7,438	93,485	6,972	6,320	6,435	6,802
Washington .....	8,667	93,401	8,411	7,955	8,122	7,486
West Virginia .....	4,389	48,020	4,156	3,978	3,967	3,557
Wisconsin .....	16,167	134,043	13,832	12,394	10,436	9,027
Wyoming .....	4,079	49,595	3,859	2,969	4,052	4,707
<b>Total .....</b>	<b>*741,427</b>	<b>*7,859,840</b>	<b>*723,427</b>	<b>644,904</b>	<b>*664,365</b>	<b>675,049</b>

See footnotes at end of table.

**Table 20. Natural Gas Deliveries to Industrial Consumers, by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1993					
	August	July	June	May	April	March
Alabama .....	13,419	14,029	13,539	13,800	14,999	15,943
Alaska .....	4,919	6,934	5,517	5,908	6,220	6,258
Arizona .....	1,876	1,598	1,318	1,879	1,867	1,979
Arkansas .....	7,887	8,207	8,515	8,939	9,393	10,786
California .....	46,480	52,134	44,010	46,173	43,228	48,371
Colorado .....	6,431	6,778	7,245	7,322	7,372	7,220
Connecticut .....	2,627	2,504	2,819	2,737	3,178	3,903
Delaware .....	1,658	1,604	1,516	1,632	1,726	1,778
District of Columbia .....	0	0	0	0	0	0
Florida .....	8,166	8,164	8,044	8,210	7,917	8,362
Georgia .....	14,733	14,267	13,515	13,488	13,685	14,155
Hawaii .....	0	0	0	0	0	0
Idaho <sup>a</sup> .....	2,101	2,154	2,307	2,272	2,383	2,759
Illinois .....	17,810	19,314	19,630	21,681	24,113	31,811
Indiana .....	18,983	18,558	19,517	19,666	21,485	25,813
Iowa .....	8,174	7,164	7,690	7,765	7,847	9,406
Kansas .....	10,933	12,117	10,374	10,749	10,819	11,489
Kentucky .....	5,190	4,909	5,146	5,351	6,128	7,429
Louisiana .....	69,247	<sup>a</sup> 60,640	63,367	60,391	<sup>a</sup> 74,325	65,052
Maine .....	141	112	69	80	142	136
Maryland .....	3,892	3,374	3,742	3,868	3,635	4,634
Massachusetts .....	8,094	5,428	6,288	5,846	5,305	5,911
Michigan .....	23,408	22,728	24,666	24,531	27,239	31,681
Minnesota .....	6,152	6,189	7,182	6,251	7,093	8,841
Mississippi .....	8,903	9,573	9,031	9,194	9,837	9,854
Missouri .....	3,982	3,727	4,088	4,188	4,947	6,015
Montana .....	921	954	780	755	931	1,192
Nebraska .....	2,214	2,624	2,276	2,294	3,653	2,747
Nevada .....	3,209	3,322	3,240	2,995	4,051	2,181
New Hampshire .....	290	311	297	375	366	325
New Jersey .....	14,051	14,046	14,198	14,283	16,500	16,848
New Mexico .....	1,743	1,419	1,335	1,365	1,524	1,416
New York .....	10,394	9,984	10,889	11,505	13,810	15,669
North Carolina .....	7,905	6,829	7,828	7,584	8,054	8,604
North Dakota .....	411	421	482	467	504	582
Ohio .....	21,157	14,929	22,180	22,139	26,126	30,726
Oklahoma .....	15,069	13,959	13,198	14,390	14,510	15,270
Oregon .....	5,054	4,889	4,725	5,009	5,329	5,457
Pennsylvania .....	17,884	17,968	19,245	18,986	20,885	24,785
Rhode Island .....	4,421	3,803	3,799	3,841	3,726	3,771
South Carolina .....	8,166	7,449	7,884	7,301	7,967	8,723
South Dakota .....	285	334	340	346	364	459
Tennessee .....	10,480	8,927	9,454	10,212	9,456	10,368
Texas .....	157,355	167,329	154,284	143,652	157,790	166,799
Utah .....	3,167	2,826	2,925	3,164	3,527	4,062
Vermont .....	139	137	136	159	173	191
Virginia .....	11,058	10,951	7,470	4,907	7,099	7,839
Washington .....	7,438	7,134	6,335	7,582	7,503	8,979
West Virginia .....	3,730	3,815	3,777	3,924	4,116	4,588
Wisconsin .....	8,083	7,378	8,031	8,792	12,166	14,082
Wyoming .....	3,650	4,475	4,123	4,737	4,481	3,404
<b>Total .....</b>	<b>613,313</b>	<b><sup>a</sup>628,421</b>	<b>598,186</b>	<b>592,763</b>	<b><sup>a</sup>649,068</b>	<b>698,633</b>

See footnotes at end of table.

**Table 20. Natural Gas Deliveries to Industrial Consumers, by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1993		1992			
	February	January	Total	December	November	October
Alabama .....	15,268	15,987	169,049	14,908	14,853	13,968
Alaska .....	6,298	7,757	80,938	7,887	7,337	7,810
Arizona .....	1,561	1,713	19,774	1,974	1,533	1,857
Arkansas .....	9,765	10,639	118,850	10,701	9,916	9,760
California .....	49,424	41,239	594,569	48,770	50,165	40,509
Colorado .....	7,683	8,075	57,579	6,583	5,439	5,093
Connecticut .....	4,043	3,590	36,303	3,490	3,102	2,867
Delaware .....	1,571	1,713	18,060	1,760	1,892	1,790
District of Columbia .....	0	0	0	0	0	0
Florida .....	7,983	8,022	84,829	7,792	7,151	6,330
Georgia .....	13,736	14,196	172,227	14,203	13,951	14,085
Hawaii .....	0	0	0	0	0	0
Idaho <sup>a</sup> .....	2,718	2,726	27,044	2,615	2,502	2,351
Illinois .....	33,445	32,289	300,366	31,294	26,739	24,506
Indiana .....	25,146	25,736	245,523	24,807	22,453	20,770
Iowa .....	9,036	9,143	100,752	9,493	9,725	8,384
Kansas .....	12,998	12,017	130,807	12,952	12,023	13,293
Kentucky .....	7,801	7,366	73,819	7,182	6,849	6,574
Louisiana .....	63,341	67,902	932,467	72,036	71,738	72,644
Maine .....	126	152	2,048	165	207	152
Maryland .....	4,283	4,217	49,720	4,346	4,674	3,916
Massachusetts .....	5,694	5,963	70,672	6,530	6,385	5,899
Michigan .....	30,798	29,595	305,416	27,672	28,339	23,810
Minnesota .....	8,690	9,380	93,025	8,994	8,883	6,997
Mississippi .....	8,840	10,271	102,612	8,478	8,480	8,514
Missouri .....	5,789	6,568	58,466	5,823	5,291	4,826
Montana .....	1,067	1,206	12,218	1,280	1,345	1,138
Nebraska .....	2,663	3,737	26,451	3,015	2,529	2,226
Nevada .....	1,679	2,672	9,259	754	777	903
New Hampshire .....	304	318	3,828	292	305	270
New Jersey .....	16,674	17,230	174,569	16,237	17,046	15,572
New Mexico .....	1,437	1,484	17,070	1,533	1,389	1,493
New York .....	14,948	15,192	147,520	14,944	12,875	11,595
North Carolina .....	7,620	8,195	90,984	7,854	7,862	7,852
North Dakota .....	586	635	5,940	570	525	484
Ohio .....	29,475	29,299	294,805	29,294	26,573	23,979
Oklahoma .....	14,773	16,320	175,168	15,365	14,394	13,263
Oregon .....	4,878	5,565	58,519	4,908	5,103	5,544
Pennsylvania .....	23,606	23,571	236,708	21,697	21,164	18,784
Rhode Island .....	3,695	3,786	47,917	3,803	3,734	4,140
South Carolina .....	7,408	7,909	94,327	7,032	6,337	7,589
South Dakota .....	482	515	4,488	526	412	330
Tennessee .....	10,444	12,014	126,230	11,079	10,956	10,577
Texas .....	149,368	166,428	1,734,001	155,355	137,499	142,094
Utah .....	4,733	5,590	40,878	4,741	4,615	3,175
Vermont .....	187	215	1,958	196	169	167
Virginia .....	9,108	8,523	68,806	5,590	5,951	4,648
Washington .....	8,143	8,313	79,766	7,179	6,962	6,744
West Virginia .....	4,083	4,310	44,178	4,630	3,973	3,751
Wisconsin .....	14,459	15,263	130,267	14,008	12,610	10,269
Wyoming .....	4,306	4,852	56,046	4,677	4,419	4,894
<b>Total .....</b>	<b>672,345</b>	<b>699,366</b>	<b>7,526,898</b>	<b>676,992</b>	<b>640,954</b>	<b>607,784</b>

<sup>a</sup> 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 1992 do not equal the sum of the twelve months.

<sup>R</sup> = Revised Data.

<sup>NA</sup> = Not Available.

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

Source: Form EIA-857.

**Table 21. Natural Gas Deliveries to Electric Utility Consumers,  
by State, 1992-1994**  
(Million Cubic Feet)

State	YTD 1994	YTD 1993	YTD 1992	1994		
				April	March	February
Alabama .....	764	914	1,002	176	156	210
Alaska .....	9,510	9,954	9,614	2,200	2,434	2,250
Arizona .....	3,549	4,442	7,422	806	760	1,073
Arkansas .....	1,979	1,176	8,862	1,119	270	281
California .....	174,991	152,203	164,382	47,579	43,660	39,436
Colorado .....	1,556	1,793	1,374	452	421	344
Connecticut .....	72	116	877	7	15	24
Delaware .....	3,402	795	2,042	499	1,262	709
District of Columbia .....	0	0	0	0	0	0
Florida .....	45,032	46,829	61,895	13,429	12,319	8,863
Georgia .....	233	115	133	114	49	16
Hawaii .....	0	0	0	0	0	0
Idaho .....	0	0	0	0	0	0
Illinois .....	10,713	1,831	4,392	4,392	2,751	1,596
Indiana .....	2,664	2,002	3,290	566	734	466
Iowa .....	493	750	630	136	137	83
Kansas .....	4,239	2,933	3,056	1,365	931	896
Kentucky .....	119	62	68	26	28	21
Louisiana .....	59,306	45,921	70,136	21,292	14,995	9,675
Maine .....	0	0	0	0	0	0
Maryland .....	1,068	1,325	1,960	292	374	161
Massachusetts .....	3,332	7,037	4,370	1,591	1,558	58
Michigan .....	5,807	5,990	10,306	1,000	1,678	1,538
Minnesota .....	697	669	1,664	366	254	118
Mississippi .....	11,047	6,288	19,273	3,768	3,405	1,866
Missouri .....	433	311	514	211	42	52
Montana .....	123	39	28	14	7	12
Nebraska .....	900	411	596	553	204	49
Nevada .....	5,689	5,473	5,489	1,673	1,686	936
New Hampshire .....	0	6	0	0	0	0
New Jersey .....	4,508	3,782	7,806	1,150	942	1,061
New Mexico .....	9,564	8,766	6,171	2,633	2,783	2,051
New York .....	20,931	47,429	59,514	9,301	6,304	2,471
North Carolina .....	367	612	867	69	113	107
North Dakota .....	0	0	1	0	0	0
Ohio .....	866	1,304	1,289	122	92	140
Oklahoma .....	33,106	39,449	45,192	8,627	7,317	8,110
Oregon .....	8,515	5,177	4,128	880	2,319	2,396
Pennsylvania .....	2,193	3,382	536	335	918	338
Rhode Island .....	347	0	133	24	71	129
South Carolina .....	106	127	824	53	28	19
South Dakota .....	22	40	3	8	5	2
Tennessee .....	660	70	107	0	0	0
Texas .....	274,760	269,343	257,886	76,759	74,052	59,985
Utah .....	1,842	2,546	2,487	358	421	515
Vermont .....	21	19	144	20	0	1
Virginia .....	3,706	6,933	4,070	367	663	720
Washington .....	129	4,562	316	5	5	4
West Virginia .....	80	46	34	7	36	15
Wisconsin .....	1,093	934	925	212	214	344
Wyoming .....	34	41	32	9	13	7
<b>Total .....</b>	<b>710,791</b>	<b>693,946</b>	<b>776,085</b>	<b>204,795</b>	<b>186,828</b>	<b>149,173</b>

See footnotes at end of table.

**Table 21. Natural Gas Deliveries to Electric Utility Consumers,  
by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1994	1993				
	January	Total	December	November	October	September
Alabama .....	220	4,636	291	250	237	213
Alaska .....	2,625	28,025	2,738	2,544	2,407	2,017
Arizona .....	911	20,480	1,216	1,376	1,540	1,816
Arkansas .....	308	21,191	336	2,758	3,068	3,349
California .....	44,114	466,061	48,489	49,810	46,514	43,805
Colorado .....	339	4,860	371	438	448	325
Connecticut .....	27	557	23	15	16	22
Delaware .....	932	8,665	1,367	1,131	1,290	531
District of Columbia .....	0	0	0	0	0	0
Florida .....	10,420	174,361	9,977	10,559	13,662	18,060
Georgia .....	54	3,026	30	32	50	103
Hawaii .....	0	0	0	0	0	0
Idaho .....	0	0	0	0	0	0
Illinois .....	1,973	16,022	2,021	1,925	2,274	1,184
Indiana .....	896	5,667	508	566	424	250
Iowa .....	136	4,303	150	140	200	231
Kansas .....	1,026	21,636	924	1,166	1,406	1,706
Kentucky .....	45	269	19	24	18	54
Louisiana .....	13,343	243,983	13,397	18,169	23,055	26,956
Maine .....	0	0	0	0	0	0
Maryland .....	241	8,817	541	701	365	1,194
Massachusetts .....	124	28,793	402	1,674	2,450	2,854
Michigan .....	1,392	18,698	1,290	1,306	1,506	930
Minnesota .....	157	3,910	329	437	281	524
Mississippi .....	2,007	39,900	1,742	3,893	4,022	3,238
Missouri .....	129	4,891	70	149	392	176
Montana .....	90	270	41	57	19	2
Nebraska .....	94	1,876	98	60	120	82
Nevada .....	1,192	21,305	1,304	1,381	1,935	1,977
New Hampshire .....	0	136	0	0	0	0
New Jersey .....	1,335	35,631	993	1,417	1,059	3,479
New Mexico .....	2,096	27,725	1,730	2,012	1,964	2,239
New York .....	2,856	171,803	5,333	10,308	14,786	15,431
North Carolina .....	98	2,911	167	105	90	229
North Dakota .....	0	1	0	0	0	0
Ohio .....	513	2,737	66	53	86	76
Oklahoma .....	9,052	153,666	10,061	11,017	12,320	13,054
Oregon .....	2,918	16,167	2,880	2,178	2,065	1,638
Pennsylvania .....	601	8,304	233	457	700	369
Rhode Island .....	123	387	85	51	0	30
South Carolina .....	6	1,851	17	10	6	132
South Dakota .....	7	186	3	18	9	4
Tennessee .....	660	1,531	8	0	0	15
Texas .....	63,963	1,072,506	62,194	78,098	91,553	107,418
Utah .....	548	6,305	568	549	539	414
Vermont .....	0	268	1	1	21	0
Virginia .....	1,956	19,735	2,005	1,280	1,383	1,956
Washington .....	116	4,899	309	9	4	6
West Virginia .....	22	133	8	18	4	6
Wisconsin .....	324	3,070	180	185	240	207
Wyoming .....	5	87	4	5	5	1
<b>Total .....</b>	<b>169,995</b>	<b>2,682,440</b>	<b>174,498</b>	<b>208,335</b>	<b>234,544</b>	<b>258,325</b>

See footnotes at end of table.

**Table 21. Natural Gas Deliveries to Electric Utility Consumers,  
by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1993					
	August	July	June	May	April	March
Alabama .....	603	1,444	418	266	144	215
Alaska .....	2,105	2,128	2,027	2,105	2,155	2,482
Arizona .....	4,184	2,590	1,552	1,765	1,402	1,921
Arkansas .....	4,587	3,985	1,648	267	311	260
California .....	44,724	31,247	31,453	17,816	31,390	38,720
Colorado .....	338	470	398	278	354	514
Connecticut .....	152	194	13	8	10	20
Delaware .....	1,095	1,231	953	272	322	253
District of Columbia .....	0	0	0	0	0	0
Florida .....	20,026	18,985	18,980	16,262	12,549	12,232
Georgia .....	670	1,554	398	74	33	22
Hawaii .....	0	0	0	0	0	0
Idaho .....	0	0	0	0	0	0
Illinois .....	3,369	1,951	1,089	377	445	482
Indiana .....	788	611	245	273	437	457
Iowa .....	1,589	835	176	233	238	169
Kansas .....	5,393	5,222	2,037	845	849	920
Kentucky .....	28	24	22	19	27	11
Louisiana .....	39,708	36,385	29,473	13,920	11,769	14,087
Maine .....	0	0	0	0	0	0
Maryland .....	1,563	2,097	647	385	187	560
Massachusetts .....	4,857	4,400	2,806	2,513	3,815	2,955
Michigan .....	2,691	2,153	1,685	1,345	925	1,390
Minnesota .....	804	287	282	297	185	164
Mississippi .....	6,671	7,334	4,068	2,643	1,335	2,114
Missouri .....	2,204	1,306	228	54	63	113
Montana .....	52	34	13	13	4	15
Nebraska .....	399	454	114	137	148	111
Nevada .....	2,657	2,613	1,808	2,157	1,695	2,305
New Hampshire .....	0	3	36	91	6	0
New Jersey .....	7,797	11,574	4,252	1,278	553	1,508
New Mexico .....	3,097	3,149	2,710	2,067	2,811	2,793
New York .....	21,138	25,652	19,450	12,276	14,335	12,983
North Carolina .....	564	720	323	100	99	141
North Dakota .....	0	0	0	0	0	0
Ohio .....	489	399	149	135	102	417
Oklahoma .....	22,607	20,634	13,982	10,542	10,485	10,268
Oregon .....	2,234	0	15	0	0	1,990
Pennsylvania .....	932	1,206	814	211	337	1,133
Rhode Island .....	87	52	82	0	0	0
South Carolina .....	417	806	311	24	21	69
South Dakota .....	78	6	6	21	1	25
Tennessee .....	386	904	132	15	14	15
Texas .....	142,579	135,348	111,153	74,821	71,510	75,318
Utah .....	390	368	422	507	592	697
Vermont .....	0	129	79	18	15	1
Virginia .....	2,404	2,350	1,249	174	1,317	1,776
Washington .....	5	4	0	0	683	1,836
West Virginia .....	27	7	13	4	11	6
Wisconsin .....	559	245	297	222	343	318
Wyoming .....	5	6	13	7	7	15
<b>Total .....</b>	<b>357,027</b>	<b>334,101</b>	<b>254,823</b>	<b>166,840</b>	<b>173,834</b>	<b>193,811</b>

See footnotes at end of table.

**Table 21. Natural Gas Deliveries to Electric Utility Consumers,  
by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1993		1992			
	February	January	Total	December	November	October
Alabama .....	306	249	3,368	171	382	234
Alaska .....	2,536	2,781	28,963	2,721	2,756	2,514
Arizona .....	586	530	30,939	328	597	2,631
Arkansas .....	263	322	27,015	246	209	733
California .....	40,264	41,829	564,432	47,146	50,027	53,026
Colorado .....	364	531	5,019	526	396	493
Connecticut .....	62	25	2,100	28	18	19
Delaware .....	55	164	8,364	590	586	581
District of Columbia .....	0	0	0	0	0	0
Florida .....	11,459	10,566	202,576	10,390	12,389	12,525
Georgia .....	49	12	1,162	13	12	65
Hawaii .....	0	0	0	0	0	0
Idaho .....	0	0	0	0	0	0
Illinois .....	396	509	9,293	370	279	301
Indiana .....	450	656	7,772	624	525	158
Iowa .....	106	236	2,265	193	207	200
Kansas .....	670	694	13,961	809	534	546
Kentucky .....	12	12	269	20	23	19
Louisiana .....	9,246	10,820	254,922	11,705	13,510	18,362
Maine .....	0	0	0	0	0	0
Maryland .....	349	229	11,575	430	469	665
Massachusetts .....	126	136	36,341	227	3,903	3,663
Michigan .....	1,904	1,761	24,908	1,727	1,994	1,675
Minnesota .....	144	176	4,906	231	336	210
Mississippi .....	1,249	1,591	54,180	1,625	1,643	1,616
Missouri .....	75	59	2,351	67	85	67
Montana .....	16	4	220	8	47	32
Nebraska .....	46	104	1,903	136	191	210
Nevada .....	926	547	24,355	436	806	1,966
New Hampshire .....	0	0	633	0	0	16
New Jersey .....	1,363	336	36,772	661	1,209	1,562
New Mexico .....	1,699	1,463	22,466	1,406	1,440	1,803
New York .....	9,569	10,543	206,731	10,640	11,688	13,307
North Carolina .....	205	167	3,159	169	165	127
North Dakota .....	0	0	1	0	0	0
Ohio .....	432	352	2,956	53	90	217
Oklahoma .....	9,249	9,447	148,980	10,120	8,514	9,300
Oregon .....	2,074	1,113	14,264	977	1,373	1,789
Pennsylvania .....	1,156	757	3,100	262	148	262
Rhode Island .....	0	0	469	0	0	0
South Carolina .....	20	17	1,795	5	82	22
South Dakota .....	7	7	48	9	27	2
Tennessee .....	21	20	291	25	10	18
Texas .....	59,828	62,686	966,165	68,751	72,018	60,276
Utah .....	557	700	6,576	542	138	665
Vermont .....	1	1	801	1	28	122
Virginia .....	1,978	1,662	10,936	839	11	25
Washington .....	1,696	147	5,365	9	4	426
West Virginia .....	19	10	201	8	9	6
Wisconsin .....	130	143	2,564	146	207	134
Wyoming .....	6	10	63	7	6	8
<b>Total .....</b>	<b>161,926</b>	<b>164,374</b>	<b>2,765,606</b>	<b>175,608</b>	<b>169,296</b>	<b>212,640</b>

\* 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, 1992-1994**  
(Million Cubic Feet)

State	YTD 1994	YTD 1993	YTD 1992	1994		
				April	March	February
Alabama .....	104,565	107,014	99,419	20,943	25,097	28,803
Alaska .....	45,311	52,340	52,993	10,055	11,928	11,000
Arizona .....	33,357	39,345	41,734	7,280	9,328	4,436
Arkansas .....	90,605	84,530	84,998	17,662	22,549	22,826
California .....	726,246	681,077	693,605	166,320	172,832	187,708
Colorado .....	123,757	129,776	105,518	23,642	30,160	33,818
Connecticut .....	57,869	55,392	53,466	9,927	14,850	16,312
Delaware .....	17,296	15,724	15,340	2,897	4,906	4,830
District of Columbia .....	17,962	16,417	17,968	3,064	4,045	5,036
Florida .....	106,441	101,890	115,047	27,256	27,438	23,989
Georgia .....	137,786	145,022	138,648	22,817	32,203	37,003
Hawaii .....	953	933	922	236	241	228
Idaho .....	21,078	23,166	18,506	4,125	5,009	5,883
Illinois .....	525,106	502,427	462,108	78,290	115,079	148,985
Indiana .....	245,194	234,441	210,037	40,634	56,596	67,636
Iowa .....	134,817	111,135	96,784	23,031	29,655	36,245
Kansas .....	130,979	130,452	106,725	23,699	*34,833	33,967
Kentucky .....	90,606	84,827	76,836	12,795	20,968	24,099
Louisiana .....	412,574	358,999	456,482	96,667	96,100	100,533
Maine .....	2,334	2,242	2,378	371	543	644
Maryland .....	85,650	84,092	82,831	13,527	22,183	23,166
Massachusetts .....	142,598	132,120	126,115	25,726	36,934	40,162
Michigan .....	459,076	427,927	410,014	78,375	107,604	131,478
Minnesota .....	155,705	146,566	136,819	28,830	34,136	43,335
Mississippi .....	75,410	71,464	78,310	16,137	18,166	19,436
Missouri .....	NA	143,668	118,588	NA	NA	NA
Montana .....	20,537	21,907	16,921	3,796	4,743	6,026
Nebraska .....	59,664	63,961	44,129	10,779	14,066	17,271
Nevada .....	33,405	35,066	25,486	6,962	6,447	6,651
New Hampshire .....	9,275	8,669	8,365	1,581	2,206	2,582
New Jersey .....	273,972	258,719	239,588	46,837	68,354	76,303
New Mexico .....	46,618	42,321	43,537	9,328	11,269	12,264
New York .....	430,354	435,725	435,761	80,589	107,316	119,639
North Carolina .....	83,145	81,650	74,890	14,418	20,951	22,906
North Dakota .....	14,898	14,087	12,211	2,441	3,371	4,384
Ohio .....	421,649	407,011	384,025	67,536	*93,619	120,078
Oklahoma .....	171,062	170,654	160,558	33,219	39,258	49,502
Oregon .....	54,913	55,459	44,532	10,380	13,363	14,858
Pennsylvania .....	328,932	321,690	307,979	54,160	81,667	89,792
Rhode Island .....	31,431	31,619	32,005	6,024	7,977	8,669
South Carolina .....	54,261	55,352	53,376	11,278	14,065	14,365
South Dakota .....	22,753	14,434	11,330	3,497	5,203	6,948
Tennessee .....	107,755	103,945	96,117	18,166	*24,725	*30,645
Texas .....	1,137,907	1,113,066	1,014,025	262,687	279,781	297,872
Utah .....	51,218	59,527	50,770	6,575	11,022	15,607
Vermont .....	3,833	3,612	3,678	710	965	1,063
Virginia .....	96,559	105,035	86,406	14,285	22,775	26,960
Washington .....	82,063	88,315	68,325	17,285	20,741	21,652
West Virginia .....	52,192	49,751	48,267	8,987	12,726	13,982
Wisconsin .....	180,533	170,883	155,396	29,660	42,455	50,955
Wyoming .....	26,666	28,684	27,627	5,962	6,237	7,122
<b>Total .....</b>	<b>7,882,831</b>	<b>7,628,069</b>	<b>7,251,717</b>	<b>1,505,117</b>	<b>*1,863,270</b>	<b>*2,135,042</b>

See footnotes at end of table.



**Table 22. Natural Gas Deliveries to All Consumers, by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1994	1993				
	January	Total	December	November	October	September
Alabama .....	29,922	256,037	25,278	20,890	17,833	15,312
Alaska .....	12,327	137,853	13,525	12,421	10,367	10,694
Arizona .....	12,313	87,380	11,289	7,942	5,896	5,956
Arkansas .....	27,598	<sup>a</sup> 210,237	<sup>a</sup> 21,825	19,783	15,802	14,107
California .....	201,380	1,811,816	200,067	159,981	149,566	134,258
Colorado .....	36,138	289,812	31,812	22,891	14,552	13,329
Connecticut .....	16,780	108,642	11,810	9,966	7,294	4,847
Delaware .....	4,862	41,484	4,806	3,691	3,340	2,487
District of Columbia .....	5,797	32,491	4,003	2,134	1,418	1,101
Florida .....	27,759	329,819	25,162	23,913	26,056	29,777
Georgia .....	45,763	348,983	43,144	31,750	24,350	18,773
Hawaii .....	248	2,681	219	229	215	211
Idaho .....	6,062	52,382	6,183	4,654	3,485	2,759
Illinois .....	182,741	1,019,015	136,555	103,178	72,551	44,618
Indiana .....	79,924	511,313	61,339	48,951	36,419	26,657
Iowa .....	43,887	241,784	28,632	24,412	16,711	12,377
Kansas .....	38,480	289,850	31,812	23,000	17,050	15,925
Kentucky .....	32,754	181,884	25,200	18,862	13,099	8,100
Louisiana .....	117,075	<sup>a</sup> 1,170,080	<sup>a</sup> 108,233	91,771	<sup>a</sup> 108,332	99,720
Maine .....	777	4,846	604	498	414	248
Maryland .....	28,774	176,927	21,072	16,121	10,786	8,597
Massachusetts .....	39,786	296,727	30,359	26,063	20,621	16,845
Michigan .....	141,420	881,174	104,219	79,110	58,646	38,988
Minnesota .....	51,403	303,810	38,271	29,678	21,080	13,409
Mississippi .....	21,649	204,520	20,189	17,864	16,010	13,570
Missouri .....	46,955	270,441	33,738	23,810	12,898	9,679
Montana .....	5,973	47,048	6,228	5,013	3,315	2,318
Nebraska .....	17,548	122,915	14,187	10,783	6,815	5,097
Nevada .....	9,444	95,703	10,059	7,486	6,845	6,788
New Hampshire .....	2,904	18,770	1,896	1,514	986	620
New Jersey .....	82,478	554,485	59,372	47,299	32,349	28,472
New Mexico .....	13,757	106,314	13,286	11,191	7,397	6,494
New York .....	122,809	934,847	96,222	76,251	60,351	46,090
North Carolina .....	24,869	<sup>a</sup> 176,038	<sup>a</sup> 15,388	15,443	11,382	9,767
North Dakota .....	4,702	27,546	3,480	2,588	1,607	1,173
Ohio .....	140,416	818,503	108,861	77,093	54,317	33,331
Oklahoma .....	49,103	452,180	42,166	37,417	31,411	30,127
Oregon .....	16,312	131,830	16,515	11,723	9,460	8,384
Pennsylvania .....	102,983	652,450	76,720	56,908	42,809	28,758
Rhode Island .....	8,761	75,174	7,139	6,133	5,374	4,511
South Carolina .....	14,553	137,801	13,243	12,256	10,100	8,545
South Dakota .....	7,111	28,208	3,788	2,755	1,753	1,084
Tennessee .....	<sup>a</sup> 34,219	230,733	25,953	19,074	14,621	12,487
Texas .....	297,767	3,455,372	288,651	255,558	268,350	347,626
Utah .....	16,014	123,828	16,603	11,594	7,010	5,019
Vermont .....	1,085	7,225	798	616	472	282
Virginia .....	32,539	230,402	25,688	17,422	13,564	12,276
Washington .....	22,384	196,499	23,080	16,378	12,597	10,742
West Virginia .....	16,497	108,183	12,580	9,797	7,421	5,385
Wisconsin .....	57,463	346,013	43,600	34,718	23,342	15,612
Wyoming .....	7,345	71,976	6,901	4,974	5,322	5,436
<b>Total .....</b>	<b><sup>a</sup>2,359,402</b>	<b><sup>a</sup>18,406,330</b>	<b><sup>a</sup>1,969,218</b>	<b>1,574,763</b>	<b><sup>a</sup>1,323,746</b>	<b>1,197,954</b>

See footnotes at end of table.

**Table 22. Natural Gas Deliveries to All Consumers, by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1993					
	August	July	June	May	April	March
Alabama .....	16,445	16,003	16,792	16,470	23,361	26,481
Alaska .....	6,364	10,409	9,176	10,344	11,527	12,266
Arizona .....	6,672	6,666	6,012	6,603	7,666	11,062
Arkansas .....	14,534	14,311	12,546	12,966	17,566	21,766
California .....	129,641	126,676	117,566	112,606	130,564	161,066
Colorado .....	11,547	12,575	14,790	16,440	24,163	32,276
Connecticut .....	4,646	4,666	4,901	6,066	10,046	14,361
Delaware .....	3,073	3,162	2,660	2,632	3,633	4,366
District of Columbia .....	1,111	1,060	1,265	1,665	3,166	4,662
Florida .....	31,636	31,742	30,664	26,777	26,794	26,262
Georgia .....	20,636	21,434	19,563	21,066	27,636	37,616
Hawaii .....	211	260	231	213	225	230
Idaho .....	2,714	2,640	3,069	3,530	4,266	5,760
Illinois .....	36,666	37,522	36,542	46,066	64,566	127,663
Indiana .....	24,644	24,110	26,166	29,367	42,797	61,166
Iowa .....	12,466	10,760	11,736	13,466	20,006	27,943
Kansas .....	21,430	22,717	17,116	19,246	25,617	32,661
Kentucky .....	7,366	7,260	6,333	6,611	14,102	21,663
Louisiana .....	112,071	<sup>a</sup> 120,406	93,614	79,003	<sup>a</sup> 94,066	90,160
Maine .....	230	206	179	226	406	542
Maryland .....	6,306	6,306	6,676	9,766	14,160	23,663
Massachusetts .....	16,564	15,946	16,466	19,701	26,666	36,066
Michigan .....	37,562	36,414	43,666	52,663	60,661	112,363
Minnesota .....	11,526	11,217	13,572	15,490	25,245	36,627
Mississippi .....	17,266	16,706	15,006	14,404	15,677	19,026
Missouri .....	10,666	9,967	10,293	15,666	24,633	37,666
Montana .....	1,616	2,000	1,666	2,451	3,762	5,546
Nebraska .....	5,347	5,436	5,167	6,122	11,662	14,646
Nevada .....	7,416	7,466	7,013	7,563	8,566	9,222
New Hampshire .....	566	636	746	1,111	1,706	2,245
New Jersey .....	30,366	36,706	29,676	31,501	50,366	66,160
New Mexico .....	7,076	6,960	5,666	5,903	6,253	10,612
New York .....	51,140	56,145	55,263	55,661	67,236	116,222
North Carolina .....	10,646	9,664	10,613	11,456	16,490	21,616
North Dakota .....	916	1,006	1,179	1,512	2,511	3,363
Ohio .....	31,671	26,466	36,320	42,332	73,166	106,621
Oklahoma .....	40,734	37,774	30,976	30,664	36,606	43,661
Oregon .....	6,766	6,571	6,664	6,225	9,767	14,166
Pennsylvania .....	26,261	26,273	33,046	36,666	57,615	67,766
Rhode Island .....	5,344	4,666	4,662	5,467	6,633	8,366
South Carolina .....	9,612	9,463	9,552	9,259	12,000	15,160
South Dakota .....	662	637	1,059	1,505	2,513	3,506
Tennessee .....	13,712	12,645	12,662	15,132	19,743	27,606
Texas .....	322,364	326,760	269,346	243,666	263,722	266,362
Utah .....	5,324	5,166	5,752	7,600	10,066	14,043
Vermont .....	261	379	360	436	656	976
Virginia .....	16,904	16,706	12,466	10,306	19,033	27,271
Washington .....	10,477	10,410	10,632	13,570	16,766	22,630
West Virginia .....	5,364	5,257	5,633	6,766	9,644	13,771
Wisconsin .....	13,106	12,127	14,647	17,976	32,016	43,060
Wyoming .....	4,306	5,164	5,012	6,152	6,462	6,266
Total .....	1,206,216	<sup>a</sup> 1,215,371	1,142,963	1,146,961	<sup>a</sup> 1,529,237	1,666,662

See footnotes at end of table.

**Table 22. Natural Gas Deliveries to All Consumers, by State, 1992-1994**  
(Million Cubic Feet) — Continued

State	1993		1992			
	February	January	Total	December	November	October
Alabama .....	27,321	27,851	247,295	25,075	20,820	17,250
Alaska .....	13,443	15,109	145,541	14,690	13,463	13,323
Arizona .....	9,239	11,189	108,234	10,994	5,894	6,998
Arkansas .....	21,311	23,843	210,863	20,728	15,325	13,222
California .....	199,499	199,930	1,923,573	199,920	199,491	137,081
Colorado .....	34,279	39,036	223,895	23,143	19,088	12,212
Connecticut .....	16,223	14,740	110,715	13,243	9,919	6,718
Delaware .....	3,618	3,910	39,604	4,005	3,502	2,919
District of Columbia .....	5,209	5,098	32,890	4,135	2,416	1,395
Florida .....	25,346	24,189	343,521	23,692	23,014	22,494
Georgia .....	39,772	39,794	336,464	40,414	31,537	22,635
Hawaii .....	242	236	2,895	234	221	210
Idaho .....	6,353	6,799	45,635	6,119	4,415	3,244
Illinois .....	138,008	181,839	981,991	140,671	104,729	95,944
Indiana .....	63,379	67,096	478,795	61,999	47,096	33,542
Iowa .....	29,976	33,211	223,992	30,340	24,125	14,953
Kansas .....	34,734	37,520	270,294	24,037	23,526	19,422
Kentucky .....	24,630	24,212	171,218	23,317	17,733	12,206
Louisiana .....	84,210	90,574	1,271,054	85,728	91,729	94,825
Maine .....	643	662	5,129	561	16	309
Maryland .....	23,913	22,428	178,861	20,908	15,994	11,110
Massachusetts .....	34,489	32,950	293,236	27,879	25,875	19,700
Michigan .....	116,593	118,057	892,217	103,987	90,909	59,101
Minnesota .....	40,247	46,446	293,873	40,569	31,602	18,748
Mississippi .....	17,426	19,136	201,221	16,696	13,740	12,051
Missouri .....	37,994	43,272	236,435	35,337	21,055	11,679
Montana .....	5,257	7,319	40,671	6,448	4,455	3,085
Nebraska .....	15,196	22,429	104,258	15,177	11,299	6,974
Nevada .....	7,878	9,390	67,912	6,693	3,633	4,579
New Hampshire .....	2,359	2,361	16,771	1,758	1,346	896
New Jersey .....	72,918	66,236	542,895	60,941	47,235	34,695
New Mexico .....	11,313	12,243	96,861	12,300	7,091	6,002
New York .....	116,377	113,867	952,161	101,107	72,124	55,395
North Carolina .....	21,197	22,149	173,159	19,793	14,484	11,899
North Dakota .....	3,596	4,608	25,397	3,592	2,529	1,516
Ohio .....	114,755	110,270	799,093	102,699	75,936	54,217
Oklahoma .....	42,702	47,495	425,195	42,692	30,236	26,249
Oregon .....	14,890	16,613	115,499	13,399	10,121	9,455
Pennsylvania .....	90,643	85,337	640,593	76,992	59,902	43,339
Rhode Island .....	6,361	8,017	77,476	7,156	6,109	5,639
South Carolina .....	13,789	14,382	135,157	12,911	11,513	9,408
South Dakota .....	3,751	4,662	24,454	3,607	2,810	1,490
Tennessee .....	27,107	29,457	225,275	27,075	19,403	14,849
Texas .....	295,219	295,743	3,101,526	281,632	246,108	242,627
Utah .....	16,641	18,744	106,755	16,390	9,925	6,155
Vermont .....	1,003	975	7,599	775	613	561
Virginia .....	30,298	28,446	192,932	22,720	16,229	11,255
Washington .....	23,248	25,468	166,092	20,827	14,630	11,646
West Virginia .....	13,521	12,615	104,099	12,180	9,194	7,136
Wisconsin .....	44,657	51,199	327,599	44,320	33,967	22,141
Wyoming .....	7,409	8,547	75,044	7,758	6,257	5,692
<b>Total .....</b>	<b>2,012,368</b>	<b>2,117,591</b>	<b>17,785,833</b>	<b>1,950,542</b>	<b>1,522,779</b>	<b>1,227,236</b>

\* = Revised Data.

NA = Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Deliveries for total year 1991 may not equal the sum of the twelve months. 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-756.

**Table 23. Average City Gate Price, by State, 1992-1994**  
(Dollars per Thousand Cubic Feet)

State	YTD 1994	YTD 1993	YTD 1992	1994				1993
				April	March	February	January	Total
Alabama .....	3.35	3.30	2.96	3.60	3.67	3.17	3.20	3.51
Alaska .....	1.57	0.33	0.35	1.62	1.62	0.33	0.33	0.33
Arizona .....	2.71	2.37	2.17	2.78	2.66	2.60	2.62	2.62
Arkansas .....	2.73	2.57	2.66	2.79	2.55	2.79	2.77	2.51
California .....	2.96	2.79	2.67	2.62	2.98	3.09	3.16	2.86
Colorado .....	3.42	2.71	2.67	3.76	3.57	3.17	3.43	2.95
Connecticut .....	3.52	3.57	3.39	3.80	3.16	3.71	3.51	3.67
Delaware .....	3.23	3.17	2.51	2.66	3.19	3.41	3.29	3.24
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	2.74	2.76	2.41	2.65	2.85	3.17	2.41	2.76
Georgia .....	3.51	3.50	3.12	3.17	3.69	4.01	3.19	3.77
Hawaii .....	4.46	6.19	7.44	4.64	4.54	4.32	4.33	5.61
Idaho .....	2.46	2.01	2.06	2.65	2.53	2.32	2.45	2.26
Illinois .....	3.32	3.47	3.04	3.28	3.63	3.48	3.02	3.30
Indiana .....	3.11	2.97	2.62	2.96	3.32	3.24	2.92	3.18
Iowa .....	3.14	3.03	2.61	3.18	3.58	3.27	2.84	3.24
Kansas .....	2.85	2.89	2.55	2.65	3.38	2.87	2.63	2.80
Kentucky .....	NA	3.17	2.90	3.32	3.42	3.37	NA	3.22
Louisiana .....	2.85	2.57	2.16	2.56	2.94	3.21	2.69	2.72
Maine .....	3.79	3.56	2.67	3.20	3.81	3.85	4.04	3.69
Maryland .....	3.32	3.05	2.59	3.94	3.38	3.35	3.08	3.53
Massachusetts .....	3.77	3.79	3.28	4.33	4.04	3.70	3.39	3.98
Michigan .....	2.82	2.96	3.11	2.56	2.88	3.03	2.77	2.89
Minnesota .....	2.83	2.91	2.45	2.83	3.06	2.82	2.68	3.11
Mississippi .....	2.98	2.62	2.25	3.03	3.20	3.12	2.72	2.89
Missouri .....	NA	3.06	2.66	NA	NA	NA	2.78	3.20
Montana .....	3.56	2.99	3.58	3.41	3.93	3.86	3.09	3.29
Nebraska .....	2.86	2.67	2.51	2.84	3.25	2.92	2.73	3.46
Nevada .....	3.36	2.63	2.17	3.94	3.60	3.24	3.16	3.03
New Hampshire .....	3.65	3.55	3.48	3.37	3.98	4.04	3.79	3.76
New Jersey .....	3.49	3.19	2.80	3.76	3.53	3.43	3.35	3.54
New Mexico .....	2.23	2.51	1.98	1.74	2.51	2.42	2.12	2.39
New York .....	3.22	3.13	2.66	3.10	3.30	3.34	3.13	3.31
North Carolina .....	3.44	3.03	2.47	3.71	3.49	3.49	3.24	3.15
North Dakota .....	3.23	3.07	3.32	3.06	3.71	3.67	2.64	3.29
Ohio .....	3.51	3.54	2.94	3.56	3.62	3.46	3.47	3.52
Oklahoma .....	2.67	2.42	2.11	2.55	2.75	2.67	2.65	2.44
Oregon .....	2.73	2.21	2.32	2.78	2.69	2.70	2.76	2.48
Pennsylvania .....	3.44	3.11	2.83	3.46	3.52	3.56	3.27	3.42
Rhode Island .....	3.83	3.46	3.34	4.59	4.00	3.67	3.50	4.41
South Carolina .....	3.70	3.29	2.96	4.27	3.92	3.71	3.33	3.54
South Dakota .....	3.26	3.10	2.84	3.22	3.69	3.32	2.96	3.35
Tennessee .....	1.94	3.00	2.42	2.02	*2.01	2.06	1.76	3.19
Texas .....	3.32	3.26	2.66	3.07	3.38	3.37	3.36	3.31
Utah .....	3.03	3.11	3.71	2.88	3.29	3.11	2.87	2.63
Vermont .....	3.00	2.62	2.73	3.32	2.96	2.99	2.66	2.95
Virginia .....	3.48	3.21	2.46	3.72	3.45	3.50	3.42	3.32
Washington .....	2.41	2.07	1.75	2.34	2.46	2.35	2.49	2.38
West Virginia .....	3.34	3.04	2.50	3.11	3.55	3.45	3.21	3.39
Wisconsin .....	3.20	3.19	3.00	3.30	3.42	3.23	2.99	3.71
Wyoming .....	3.21	2.78	2.96	3.05	3.21	3.30	3.21	2.80
<b>Total .....</b>	<b>3.17</b>	<b>3.07</b>	<b>2.75</b>	<b>3.11</b>	<b>*3.30</b>	<b>3.25</b>	<b>3.06</b>	<b>3.21</b>

See footnotes at end of table.

**Table 23. Average City Gate Price, by State, 1992-1994**  
(Dollars per Thousand Cubic Feet) — Continued

State	1993							
	December	November	October	September	August	July	June	May
Alabama .....	3.38	3.56	3.78	4.11	3.96	3.83	3.98	3.88
Alaska .....	0.33	0.33	0.32	0.33	0.33	0.33	0.33	0.33
Arizona .....	2.69	2.57	2.57	3.10	3.07	3.03	2.92	3.23
Arkansas .....	2.01	2.82	2.78	2.72	2.71	2.49	2.44	2.65
California .....	2.87	3.06	2.85	3.09	2.78	2.81	2.84	2.97
Colorado .....	3.17	2.89	3.54	3.13	3.46	3.35	3.59	3.02
Connecticut .....	4.11	3.20	3.60	3.94	4.04	5.37	4.61	5.51
Delaware .....	3.45	2.94	3.19	3.58	2.98	3.15	3.52	3.52
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	2.90	2.60	2.64	2.80	2.76	2.57	2.81	2.89
Georgia .....	3.93	3.73	3.67	4.58	4.17	4.06	4.25	4.62
Hawaii .....	4.91	5.13	5.23	5.17	5.18	5.46	5.62	5.72
Idaho .....	2.68	2.33	2.39	2.46	2.54	2.92	2.39	2.24
Illinois .....	3.06	3.25	3.00	3.37	3.25	3.28	3.18	3.40
Indiana .....	3.22	3.14	3.10	3.47	3.55	3.40	3.42	3.74
Iowa .....	3.55	2.90	3.17	3.80	3.44	3.52	3.60	4.28
Kansas .....	2.82	2.70	2.71	2.79	2.44	2.74	2.37	2.48
Kentucky .....	3.28	3.28	3.10	3.25	3.05	3.00	3.43	3.84
Louisiana .....	2.87	2.80	2.82	2.74	2.89	2.69	2.77	3.23
Maine .....	3.14	3.28	3.98	4.31	4.20	4.77	4.67	3.67
Maryland .....	3.28	3.33	3.69	5.01	5.27	5.41	5.85	4.98
Massachusetts .....	3.75	3.69	3.79	4.37	4.72	4.77	4.81	4.42
Michigan .....	2.82	2.87	2.76	2.98	2.79	2.60	2.77	3.17
Minnesota .....	3.43	2.96	2.84	3.41	3.39	3.48	3.46	3.82
Mississippi .....	3.37	3.07	2.96	3.42	3.00	2.89	3.00	3.41
Missouri .....	3.13	2.89	3.37	3.88	3.79	3.63	3.81	3.89
Montana .....	3.67	2.90	3.21	4.01	4.53	4.44	4.47	4.11
Nebraska .....	3.98	3.96	4.28	6.24	3.51	3.37	3.49	3.94
Nevada .....	2.78	3.01	3.72	4.49	4.75	3.74	3.55	3.73
New Hampshire .....	3.76	3.74	3.66	4.37	4.40	4.55	4.48	3.88
New Jersey .....	3.54	3.49	3.40	3.84	4.30	4.69	4.18	4.26
New Mexico .....	2.17	2.48	2.36	2.23	2.10	1.86	2.36	2.71
New York .....	3.39	3.11	3.44	3.66	3.25	3.49	3.73	4.08
North Carolina .....	3.29	2.67	2.68	3.52	3.53	3.74	3.57	3.65
North Dakota .....	3.40	2.68	3.20	3.66	4.45	4.57	4.21	4.05
Ohio .....	3.25	3.48	3.04	3.76	3.85	3.82	4.23	4.27
Oklahoma .....	2.78	2.65	2.43	2.40	2.00	1.80	2.10	2.54
Oregon .....	2.94	2.54	2.65	2.52	2.61	2.51	2.83	2.74
Pennsylvania .....	3.40	3.03	3.46	4.33	4.43	3.97	4.70	4.19
Rhode Island .....	3.93	4.75	4.78	7.37	6.64	7.73	6.17	6.59
South Carolina .....	3.49	3.35	3.49	4.02	4.18	4.25	3.93	4.20
South Dakota .....	3.58	2.93	3.19	3.61	4.69	4.42	4.31	4.31
Tennessee .....	3.44	3.00	3.39	3.70	3.38	3.34	3.39	3.80
Texas .....	3.62	3.49	3.21	3.39	3.16	3.04	3.14	3.36
Utah .....	2.85	1.85	1.53	2.20	2.30	2.89	2.71	5.61
Vermont .....	2.59	2.74	2.98	3.80	4.38	3.78	3.99	3.85
Virginia .....	3.51	3.38	3.16	3.41	3.41	3.29	3.43	3.73
Washington .....	2.56	2.84	2.76	2.89	2.35	2.37	2.56	2.52
West Virginia .....	3.47	4.38	3.72	5.68	6.82	5.73	4.77	1.94
Wisconsin .....	3.41	3.37	3.99	5.25	6.22	5.71	5.65	5.43
Wyoming .....	3.04	2.46	2.51	2.49	2.86	3.05	2.83	3.77
<b>Total .....</b>	<b>3.26</b>	<b>3.15</b>	<b>3.15</b>	<b>3.53</b>	<b>3.35</b>	<b>3.34</b>	<b>3.44</b>	<b>3.58</b>

See footnotes at end of table.

**Table 23. Average City Gate Price, by State, 1992-1994**

(Dollars per Thousand Cubic Feet) — Continued

State	1993				1992			
	April	March	February	January	Total	December	November	October
Alabama .....	3.38	3.16	3.37	3.33	3.21	3.43	3.44	3.91
Alaska .....	0.33	0.33	0.33	0.33	0.34	0.33	0.33	0.33
Arizona .....	2.00	2.50	2.28	2.63	2.33	2.55	2.69	2.64
Arkansas .....	2.60	2.63	2.45	2.62	2.60	2.64	2.71	2.49
California .....	2.86	2.90	2.69	2.74	2.72	2.75	2.91	2.92
Colorado .....	2.78	2.57	2.67	2.80	2.66	2.81	2.74	2.96
Connecticut .....	4.32	3.31	3.27	3.70	3.73	3.59	3.80	4.02
Delaware .....	3.33	3.22	3.03	3.13	2.63	3.53	3.93	3.74
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	2.90	2.64	2.83	2.90	2.61	3.07	3.19	3.16
Georgia .....	3.44	3.25	3.48	3.79	3.28	3.51	3.27	3.93
Hawaii .....	5.69	5.46	7.01	6.49	7.72	7.59	7.81	8.17
Idaho .....	1.89	2.12	1.97	2.03	2.18	2.06	1.99	2.37
Illinois .....	3.43	3.26	3.48	3.75	3.20	3.53	3.47	3.60
Indiana .....	3.14	2.91	2.83	3.04	3.06	3.26	3.33	3.66
Iowa .....	3.55	2.94	2.81	3.02	3.20	3.21	3.44	3.97
Kansas .....	2.54	3.18	2.66	3.06	2.50	2.48	2.79	2.33
Kentucky .....	3.26	3.24	3.10	3.13	3.02	3.26	3.26	3.53
Louisiana .....	2.78	2.59	2.36	2.59	2.48	2.82	2.83	3.24
Maine .....	3.31	3.66	3.53	3.69	3.17	4.00	3.41	3.45
Maryland .....	3.80	2.90	2.89	3.02	3.20	3.17	3.66	3.91
Massachusetts .....	3.92	3.94	3.53	3.81	3.52	3.89	3.95	3.86
Michigan .....	2.82	2.84	2.90	3.43	3.04	3.16	3.33	3.31
Minnesota .....	2.98	2.94	2.78	2.97	2.82	3.32	3.31	3.57
Mississippi .....	2.89	2.61	2.44	2.62	2.62	2.97	3.07	3.56
Missouri .....	2.91	2.96	2.87	3.37	2.66	2.78	3.16	3.56
Montana .....	3.16	2.92	2.96	2.96	3.45	2.91	3.01	3.19
Nebraska .....	3.19	2.78	2.78	2.92	2.91	3.09	3.15	3.55
Nevada .....	3.29	2.66	2.36	2.57	2.37	2.40	2.43	2.45
New Hampshire .....	3.42	3.68	3.30	3.78	3.56	3.96	4.02	3.70
New Jersey .....	3.44	3.27	2.82	3.32	3.29	3.32	4.32	3.95
New Mexico .....	3.04	2.54	2.34	2.45	2.25	2.55	2.66	2.69
New York .....	3.64	3.11	2.91	3.10	3.01	3.34	3.47	3.75
North Carolina .....	3.24	3.01	2.83	3.09	2.68	3.22	3.32	3.38
North Dakota .....	3.24	3.01	2.97	3.11	3.28	3.06	3.09	3.16
Ohio .....	4.28	3.44	3.43	3.40	3.28	3.69	3.51	3.84
Oklahoma .....	2.26	2.44	2.40	2.50	2.22	2.38	2.52	2.44
Oregon .....	2.18	2.16	2.26	2.22	2.34	2.39	2.36	2.35
Pennsylvania .....	3.57	3.15	2.93	3.02	3.29	3.37	3.61	3.82
Rhode Island .....	4.09	3.31	3.12	3.57	3.82	3.67	4.49	4.45
South Carolina .....	3.48	3.09	3.27	3.39	3.23	3.56	3.56	3.74
South Dakota .....	3.36	3.12	2.96	3.07	3.10	3.29	3.16	2.83
Tennessee .....	3.29	3.07	2.81	2.95	2.89	3.20	3.40	3.68
Texas .....	3.09	3.16	3.21	3.44	3.08	3.47	3.47	3.61
Utah .....	3.74	3.49	2.89	2.94	4.09	3.00	3.95	4.71
Vermont .....	3.03	2.57	2.53	2.52	2.93	2.60	2.66	2.95
Virginia .....	3.36	3.14	3.18	3.24	2.91	3.32	3.83	3.70
Washington .....	1.85	2.08	2.11	2.18	1.90	2.16	1.98	2.00
West Virginia .....	3.32	2.94	2.94	2.96	3.24	3.36	3.99	4.59
Wisconsin .....	3.86	3.15	2.95	3.06	3.36	3.17	3.48	3.97
Wyoming .....	3.07	2.89	2.63	2.71	2.90	2.69	2.55	2.66
<b>Total .....</b>	<b>3.24</b>	<b>3.06</b>	<b>2.94</b>	<b>3.11</b>	<b>3.01</b>	<b>3.17</b>	<b>3.33</b>	<b>3.50</b>

R = Revised Data.

NA = Not Available.

— = Not Applicable.

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

Source: Form EIA-857.

**Table 24. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1992-1994**  
(Dollars per Thousand Cubic Feet)

State	YTD 1994	YTD 1993	YTD 1992	1994				1993
				April	March	February	January	Total
Alabama .....	6.75	6.42	6.23	7.51	7.21	6.42	6.45	7.09
Alaska .....	3.52	3.86	3.70	3.55	3.50	3.51	3.51	3.86
Arizona .....	6.82	6.61	6.67	7.76	6.95	5.37	6.63	7.25
Arkansas .....	5.27	4.97	4.73	5.80	5.61	5.09	4.98	5.37
California .....	6.30	6.01	5.93	6.55	6.13	6.25	6.35	6.23
Colorado .....	4.63	4.20	4.34	4.80	4.63	4.58	4.57	4.47
Connecticut .....	9.59	9.04	9.07	10.10	9.74	9.39	9.41	9.46
Delaware .....	6.90	6.09	5.67	7.22	6.88	6.81	6.86	6.64
District of Columbia .....	8.29	8.32	7.18	8.68	8.50	8.19	8.06	8.43
Florida .....	9.42	9.33	8.00	10.49	10.00	9.24	8.78	10.46
Georgia .....	6.94	6.31	6.27	8.56	7.32	6.94	6.39	6.82
Hawaii .....	16.11	17.25	17.66	16.30	16.00	15.93	16.22	17.51
Idaho .....	5.69	5.02	5.11	5.96	5.74	5.80	5.59	5.40
Illinois .....	5.40	5.10	4.81	6.23	5.66	5.28	5.11	5.52
Indiana .....	6.11	5.54	5.15	6.83	6.31	6.22	5.64	5.87
Iowa .....	5.15	5.31	4.53	5.74	5.40	4.87	5.02	5.75
Kansas .....	5.26	4.43	4.46	5.37	5.27	4.99	5.44	4.87
Kentucky .....	5.10	4.93	4.59	5.95	5.14	4.99	4.95	5.27
Louisiana .....	5.75	5.24	4.75	6.24	5.77	5.78	5.58	6.07
Maine .....	7.82	6.99	6.90	8.34	7.89	7.75	7.62	7.46
Maryland .....	6.72	6.71	5.76	7.50	6.88	6.54	6.48	7.16
Massachusetts .....	6.88	6.34	6.12	9.37	8.90	8.70	8.78	8.40
Michigan .....	4.63	4.48	4.83	4.84	4.69	4.56	4.56	4.85
Minnesota .....	5.08	5.09	4.33	5.13	5.18	5.02	4.98	5.31
Mississippi .....	5.08	4.56	4.52	5.41	5.28	5.06	4.88	4.98
Missouri .....	NA	4.71	4.62	NA	NA	NA	5.33	5.28
Montana .....	4.96	4.67	4.57	5.12	4.96	4.92	4.91	4.95
Nebraska .....	4.65	4.64	4.39	5.07	4.95	4.70	4.84	4.91
Nevada .....	6.23	5.13	5.25	6.82	6.30	6.09	6.08	5.69
New Hampshire .....	7.95	7.34	6.92	6.57	6.37	6.19	6.15	7.63
New Jersey .....	7.10	6.48	6.56	7.49	7.11	7.07	6.96	6.88
New Mexico .....	5.29	5.33	4.22	5.60	5.46	5.24	5.10	5.43
New York .....	7.75	7.47	6.91	8.54	6.88	6.13	7.69	8.26
North Carolina .....	6.75	6.45	5.99	7.40	7.02	6.64	6.48	7.01
North Dakota .....	5.08	4.83	4.68	5.31	5.12	4.96	5.02	5.22
Ohio .....	5.57	5.38	4.82	5.77	5.84	5.42	5.57	5.69
Oklahoma .....	4.85	4.59	4.58	5.45	4.95	4.71	4.66	4.93
Oregon .....	6.84	5.97	5.96	7.02	6.92	6.79	6.75	6.41
Pennsylvania .....	7.00	6.36	6.31	7.59	7.13	6.96	6.71	6.84
Rhode Island .....	8.55	7.70	7.36	9.11	8.57	8.36	8.42	8.27
South Carolina .....	7.63	7.14	6.89	8.26	8.10	7.64	7.22	7.40
South Dakota .....	5.12	5.17	4.74	5.44	5.36	4.96	4.95	5.45
Tennessee .....	5.92	5.48	5.21	6.51	6.17	5.88	5.64	5.76
Texas .....	5.44	5.42	5.22	6.25	5.59	5.22	5.25	5.95
Utah .....	5.09	5.09	5.46	4.71	5.31	5.07	5.14	5.13
Vermont .....	6.58	5.88	6.49	6.82	6.63	6.55	6.44	6.19
Virginia .....	7.22	7.11	6.02	8.08	7.17	7.16	7.04	7.68
Washington .....	5.40	4.76	4.71	5.59	5.42	5.34	5.32	5.12
West Virginia .....	6.37	6.00	5.81	4.57	6.82	6.85	6.61	6.43
Wisconsin .....	6.53	5.97	5.54	6.43	6.57	6.57	6.50	6.38
Wyoming .....	4.73	4.43	4.55	4.82	4.83	4.70	4.63	4.71
<b>Total .....</b>	<b>6.12</b>	<b>5.75</b>	<b>5.54</b>	<b>6.58</b>	<b>6.18</b>	<b>6.06</b>	<b>5.94</b>	<b>6.15</b>

See footnotes at end of table.

**Table 24. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1992-1994**  
(Dollars per Thousand Cubic Feet) — Continued

State	1993							
	December	November	October	September	August	July	June	May
Alabama .....	6.84	7.42	9.82	9.94	9.90	9.81	9.36	7.74
Alaska .....	3.86	3.94	4.00	4.32	4.50	4.47	4.25	4.05
Arizona .....	6.77	7.74	9.38	9.74	9.94	9.50	8.92	8.23
Arkansas .....	5.29	5.45	6.73	7.58	7.29	7.14	6.65	5.76
California .....	6.33	6.29	6.68	6.67	6.61	6.61	6.58	6.10
Colorado .....	4.51	4.50	4.97	5.51	6.01	5.82	5.06	4.56
Connecticut .....	9.33	9.50	9.86	11.43	11.59	11.37	10.89	10.35
Delaware .....	7.28	6.92	7.85	8.68	8.80	8.66	8.25	7.09
District of Columbia .....	8.29	8.55	9.20	9.92	8.68	8.17	8.28	8.70
Florida .....	9.84	11.21	12.32	12.50	12.81	12.82	12.39	11.42
Georgia .....	6.47	6.75	7.76	9.32	9.43	9.08	8.91	8.08
Hawaii .....	17.01	17.14	17.81	17.84	18.43	17.97	17.57	17.86
Idaho .....	5.59	5.94	6.28	6.54	6.81	6.30	5.99	5.49
Illinois .....	5.22	5.36	6.12	7.16	8.26	7.88	7.64	6.98
Indiana .....	5.66	5.72	6.03	7.60	8.39	8.49	7.81	6.81
Iowa .....	5.41	5.48	6.59	8.64	8.69	9.13	7.27	7.04
Kansas .....	5.13	5.29	6.04	6.55	6.49	6.12	6.28	5.26
Kentucky .....	5.06	5.17	5.65	7.52	7.68	7.44	6.78	6.72
Louisiana .....	6.45	6.62	7.89	8.11	8.06	7.26	7.29	6.98
Maine .....	7.79	7.88	7.52	8.55	9.05	8.88	8.29	8.11
Maryland .....	6.67	7.12	8.07	9.11	9.65	9.65	9.09	8.05
Massachusetts .....	9.46	9.37	7.55	8.33	8.56	8.01	7.52	6.85
Michigan .....	4.67	4.95	5.33	6.35	7.21	6.69	6.10	5.37
Minnesota .....	5.14	5.02	5.66	6.46	7.36	6.29	6.13	6.10
Mississippi .....	5.29	5.50	6.20	5.70	5.58	5.55	5.49	5.76
Missouri .....	5.26	5.50	6.86	8.14	8.42	7.96	7.42	5.82
Montana .....	4.94	5.13	5.29	5.71	5.95	5.84	5.65	5.16
Nebraska .....	4.74	4.95	5.70	6.40	6.71	6.45	5.99	5.51
Nevada .....	5.91	6.20	6.80	7.16	7.32	7.07	6.50	6.01
New Hampshire .....	6.52	6.54	7.09	8.45	9.29	8.60	7.53	6.59
New Jersey .....	6.66	6.92	7.38	8.58	8.85	8.64	8.23	7.67
New Mexico .....	4.60	4.12	4.41	8.07	8.00	6.79	15.76	9.46
New York .....	8.54	8.49	9.46	11.03	11.58	11.10	9.96	9.29
North Carolina .....	7.15	7.11	8.56	10.54	10.91	10.49	9.57	7.71
North Dakota .....	5.13	5.40	6.04	6.92	7.38	6.83	6.38	5.60
Ohio .....	5.49	5.67	6.19	7.49	7.79	7.39	6.50	5.97
Oklahoma .....	4.39	4.79	6.61	7.33	7.51	7.15	6.55	5.64
Oregon .....	6.60	6.77	7.48	7.99	8.02	7.78	7.44	6.55
Pennsylvania .....	6.77	6.97	7.42	8.92	9.54	9.47	8.20	7.64
Rhode Island .....	8.92	9.04	8.98	10.09	10.09	9.72	9.47	8.49
South Carolina .....	7.60	7.61	8.03	9.07	9.15	8.93	8.47	7.34
South Dakota .....	5.51	5.15	5.86	7.29	7.09	6.65	6.13	5.89
Tennessee .....	5.80	5.82	6.87	7.33	7.60	7.38	7.01	6.23
Texas .....	5.70	5.82	7.21	8.05	7.78	7.54	7.20	6.76
Utah .....	5.11	5.07	5.04	5.70	5.84	5.80	5.40	4.82
Vermont .....	6.23	6.50	6.88	7.96	7.81	7.60	6.91	6.46
Virginia .....	7.33	7.37	9.28	10.81	11.04	11.17	10.71	9.30
Washington .....	5.29	5.48	6.22	7.01	7.24	6.76	3.75	5.37
West Virginia .....	6.68	6.67	6.66	8.24	8.75	9.35	7.63	6.88
Wisconsin .....	6.59	6.52	6.83	7.44	7.73	7.61	7.29	7.36
Wyoming .....	4.83	4.93	5.19	5.76	5.96	5.58	4.91	4.69
Total .....	6.06	6.17	6.78	7.74	8.10	7.82	7.34	6.74

See footnotes at end of table.



**Table 24. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1992-1994**

(Dollars per Thousand Cubic Feet) — Continued

State	1993				1992			
	April	March	February	January	Total	December	November	October
Alabama .....	6.59	6.15	6.49	6.53	6.74	6.42	7.36	6.36
Alaska .....	3.93	3.90	3.82	3.83	3.79	3.70	3.74	3.79
Arizona .....	7.31	6.68	6.10	6.36	7.24	6.55	7.59	9.19
Arkansas .....	5.12	5.04	5.02	4.77	5.10	4.73	5.30	6.39
California .....	5.71	5.87	6.02	6.20	5.97	5.80	5.60	6.35
Colorado .....	4.36	4.21	4.17	4.13	4.56	4.17	4.50	5.37
Connecticut .....	9.59	9.03	8.79	8.99	8.96	7.68	7.84	8.41
Delaware .....	6.25	6.01	6.05	6.09	6.13	6.22	6.44	7.20
District of Columbia .....	8.27	8.22	8.33	8.45	7.61	8.30	8.58	9.13
Florida .....	9.83	9.27	9.23	9.07	9.08	8.63	10.20	11.36
Georgia .....	6.49	6.13	6.18	6.51	6.44	6.11	6.33	7.64
Hawaii .....	17.70	17.20	16.50	17.62	18.03	18.05	18.42	18.60
Idaho .....	5.30	5.02	4.98	4.93	5.23	4.89	5.24	5.62
Illinois .....	5.63	4.88	5.02	5.08	5.09	5.14	5.42	5.60
Indiana .....	5.94	5.36	5.43	5.58	5.43	5.54	5.17	5.44
Iowa .....	5.92	5.27	4.94	5.34	5.23	5.29	5.62	6.90
Kansas .....	4.58	4.43	4.41	4.37	4.70	4.45	4.71	5.32
Kentucky .....	5.28	4.83	4.72	5.08	5.01	5.04	5.14	6.34
Louisiana .....	5.67	5.30	4.71	5.44	5.60	5.73	6.61	7.67
Maine .....	7.51	7.11	6.89	6.75	6.95	7.12	6.89	6.77
Maryland .....	7.02	6.43	6.66	6.88	6.43	6.99	6.81	7.43
Massachusetts .....	8.54	8.33	8.28	8.27	7.92	8.55	8.61	6.74
Michigan .....	4.67	4.46	4.42	4.43	5.06	4.73	4.96	5.39
Minnesota .....	5.35	5.03	4.95	5.13	4.86	5.19	5.43	6.04
Mississippi .....	4.66	4.36	4.44	4.80	4.95	5.05	5.70	6.25
Missouri .....	4.91	4.62	4.67	4.72	5.11	4.93	5.57	6.59
Montana .....	4.85	4.68	4.73	4.55	4.80	4.61	4.77	5.14
Nebraska .....	4.77	4.51	4.55	4.72	4.82	4.90	5.15	5.78
Nevada .....	5.54	5.23	5.06	4.96	5.59	5.03	5.68	6.76
New Hampshire .....	5.91	7.66	7.48	7.86	7.55	8.00	9.10	8.09
New Jersey .....	6.93	6.33	6.34	6.49	6.94	6.80	6.99	7.23
New Mexico .....	7.95	5.42	4.80	4.84	4.75	4.58	5.17	6.44
New York .....	7.81	7.24	7.30	7.67	7.58	7.74	8.68	8.82
North Carolina .....	6.33	6.08	6.58	6.76	6.60	6.66	7.12	7.72
North Dakota .....	5.06	4.84	4.82	4.71	5.00	4.85	4.98	5.64
Ohio .....	5.49	5.31	5.43	5.33	5.20	5.38	5.52	5.76
Oklahoma .....	4.76	4.52	4.58	4.57	4.96	4.57	4.82	6.14
Oregon .....	6.14	5.99	5.95	5.90	6.17	5.92	6.16	6.66
Pennsylvania .....	6.69	6.35	6.34	6.18	6.60	6.18	6.36	6.87
Rhode Island .....	7.85	7.67	7.64	7.69	7.68	7.62	7.85	8.28
South Carolina .....	6.56	6.78	7.31	7.69	7.03	6.86	7.39	7.17
South Dakota .....	5.36	5.15	5.12	5.13	5.15	5.30	5.37	6.09
Tennessee .....	5.47	5.20	5.83	5.45	5.50	5.34	5.93	6.29
Texas .....	5.78	5.32	5.52	5.26	5.78	5.14	6.02	7.32
Utah .....	4.89	5.15	5.08	5.14	5.44	5.21	5.15	5.35
Vermont .....	6.08	5.94	5.96	5.59	6.70	6.36	6.73	7.14
Virginia .....	7.49	6.79	7.18	7.14	6.89	7.10	7.05	7.93
Washington .....	5.03	4.80	4.76	4.59	5.00	4.60	4.94	5.57
West Virginia .....	6.18	5.97	5.93	6.00	6.31	7.60	6.12	6.48
Wisconsin .....	6.15	5.96	5.94	5.91	5.87	5.98	6.27	6.68
Wyoming .....	4.54	4.44	4.43	4.36	4.72	4.41	4.64	5.09
<b>Total .....</b>	<b>6.00</b>	<b>5.66</b>	<b>5.71</b>	<b>5.72</b>	<b>5.89</b>	<b>5.74</b>	<b>6.02</b>	<b>6.52</b>

NA = Not Available.

Notes: Data for 1992 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, 1992-1994**

(Dollars per Thousand Cubic Feet)

State	YTD 1994	YTD 1993	YTD 1992	1994				1993
				April	March	February	January	Total
Alabama .....	6.22	5.83	5.49	6.44	6.47	6.03	6.13	6.10
Alaska .....	2.65	2.86	2.88	2.57	2.59	2.55	2.49	2.78
Arizona .....	5.12	5.03	5.16	5.34	5.13	4.83	5.05	5.08
Arkansas .....	4.52	4.29	4.35	4.77	4.79	4.41	4.32	4.45
California .....	6.02	6.02	5.99	3.64	6.99	7.00	6.59	5.46
Colorado .....	4.16	3.80	3.95	4.26	4.21	4.19	4.09	3.89
Connecticut .....	7.47	7.31	7.52	7.25	7.65	7.61	7.31	7.25
Delaware .....	6.00	5.14	4.79	6.10	5.99	5.98	5.98	5.43
District of Columbia .....	6.80	5.95	5.35	6.50	7.17	7.21	6.43	5.81
Florida .....	5.65	5.73	4.85	5.60	5.68	5.74	5.59	5.75
Georgia .....	6.29	5.63	5.66	6.59	6.43	6.45	5.99	5.80
Hawaii .....	11.99	12.88	13.11	12.17	11.77	11.94	12.07	12.90
Idaho .....	5.01	4.38	4.35	5.29	4.96	4.92	4.97	4.65
Illinois .....	5.17	4.88	4.31	5.75	5.29	5.05	5.02	5.12
Indiana .....	5.46	4.83	4.51	6.07	5.60	5.46	5.15	5.01
Iowa .....	4.53	4.61	3.87	4.81	4.72	4.34	4.48	4.76
Kansas .....	4.82	4.10	3.94	4.44	4.77	4.71	5.12	4.13
Kentucky .....	4.83	4.69	4.30	4.92	4.74	4.79	4.90	4.63
Louisiana .....	5.52	4.90	4.39	5.45	5.38	5.63	5.55	5.35
Maine .....	7.22	6.53	6.44	7.47	7.09	7.23	7.19	6.76
Maryland .....	5.74	5.72	4.97	5.79	5.90	5.82	5.54	5.74
Massachusetts .....	7.74	7.22	6.53	7.47	7.58	7.89	7.69	6.47
Michigan .....	4.83	4.30	4.56	4.56	4.54	4.46	4.54	4.52
Minnesota .....	4.53	4.50	3.72	4.40	4.56	4.54	4.56	4.49
Mississippi .....	4.56	4.04	4.00	4.49	4.65	4.67	4.50	4.21
Missouri .....	NA	4.53	4.33	NA	NA	NA	5.15	4.73
Montana .....	4.86	4.61	4.35	4.69	4.84	4.87	4.85	4.77
Nebraska .....	4.42	4.25	3.89	4.51	4.48	4.32	4.44	4.28
Nevada .....	5.16	4.30	4.29	5.36	5.19	5.10	5.09	4.40
New Hampshire .....	7.51	6.77	6.46	6.30	7.81	7.72	7.68	6.77
New Jersey .....	6.11	5.44	5.53	5.52	6.22	6.25	6.18	5.49
New Mexico .....	4.45	4.38	3.34	4.28	4.53	4.51	4.44	4.27
New York .....	NA	5.96	5.50	NA	6.82	6.66	6.49	6.11
North Carolina .....	5.85	5.44	4.55	5.75	5.93	5.86	5.80	5.57
North Dakota .....	4.60	4.59	4.33	4.63	4.66	4.57	4.58	4.75
Ohio .....	5.28	5.07	4.46	5.34	<sup>a</sup> 5.30	5.18	5.33	5.22
Oklahoma .....	4.67	4.52	4.19	4.82	4.76	4.63	4.58	4.51
Oregon .....	5.50	4.77	4.67	5.49	5.52	5.50	5.50	5.03
Pennsylvania .....	6.46	5.79	5.53	6.79	6.50	6.55	6.21	5.96
Rhode Island .....	7.67	7.02	6.71	7.94	7.94	7.93	7.71	7.14
South Carolina .....	6.48	5.99	5.73	6.78	6.47	6.56	6.29	5.83
South Dakota .....	4.34	4.39	3.90	4.41	4.46	4.34	4.22	4.54
Tennessee .....	5.47	5.10	4.98	5.59	5.47	5.46	<sup>a</sup> 5.44	5.19
Texas .....	4.42	4.52	4.13	4.30	4.40	4.36	4.57	4.40
Utah .....	3.95	4.19	4.51	3.23	4.10	4.14	4.03	4.16
Vermont .....	5.74	5.27	5.62	5.63	5.96	5.73	5.67	5.25
Virginia .....	5.71	5.53	4.80	5.69	5.59	5.81	5.72	5.61
Washington .....	4.77	4.32	4.29	4.51	4.86	4.76	4.69	4.44
West Virginia .....	5.84	5.70	5.27	4.30	6.17	6.08	6.01	5.96
Wisconsin .....	5.31	4.77	4.57	4.92	5.30	5.43	5.38	5.01
Wyoming .....	4.34	4.14	4.24	4.27	4.36	4.33	4.39	4.26
Total .....	5.47	5.12	4.87	5.29	<sup>a</sup> 5.61	5.51	5.43	5.16

See footnotes at end of table.

**Table 25. Average Price of Natural Gas Sold to Commercial Consumers, by State,  
1992-1994**  
(Dollars per Thousand Cubic Feet) — Continued

State	1993							
	December	November	October	September	August	July	June	May
Alabama .....	5.95	6.24	6.75	6.84	6.75	6.88	6.74	6.33
Alaska .....	2.84	2.76	2.70	2.64	2.54	2.81	2.67	2.73
Arizona .....	5.12	5.30	5.38	5.16	5.00	4.88	4.82	5.03
Arkansas .....	4.49	4.57	4.91	5.00	4.88	4.77	4.98	4.41
California .....	5.15	4.55	4.43	5.20	5.95	4.63	5.83	5.24
Colorado .....	4.09	3.96	4.03	3.90	4.04	4.08	3.95	3.87
Connecticut .....	7.42	7.00	6.77	7.42	7.28	7.31	6.97	7.19
Delaware .....	5.71	5.79	5.59	6.00	5.84	5.84	7.75	5.46
District of Columbia .....	5.86	6.03	5.05	5.82	5.56	5.47	5.59	5.60
Florida .....	5.75	5.76	5.65	5.54	5.82	5.62	5.98	6.01
Georgia .....	5.92	5.76	6.09	6.28	6.12	5.79	6.13	6.14
Hawaii .....	12.54	12.63	12.84	12.86	13.08	13.23	12.82	13.27
Idaho .....	4.93	5.23	5.21	5.21	5.16	4.98	4.65	4.65
Illinois .....	5.05	5.02	5.51	5.82	5.55	6.01	6.80	6.01
Indiana .....	5.02	4.97	5.03	5.59	5.80	6.33	5.99	5.29
Iowa .....	4.73	4.53	5.17	5.57	5.33	5.98	5.07	5.48
Kansas .....	4.79	4.59	4.28	3.81	3.44	3.41	4.14	4.24
Kentucky .....	5.14	4.95	4.90	5.51	5.11	5.27	3.98	5.00
Louisiana .....	6.21	5.92	5.98	5.57	5.98	5.39	5.48	5.43
Maine .....	7.25	7.40	6.49	6.81	6.42	6.96	6.84	6.81
Maryland .....	5.43	5.57	6.24	5.81	6.07	6.13	5.99	5.91
Massachusetts .....	7.71	6.94	4.63	4.48	4.45	4.38	4.58	4.72
Michigan .....	4.51	4.68	4.94	5.48	5.75	5.57	5.29	4.77
Minnesota .....	4.33	4.14	4.42	4.81	5.20	4.56	4.71	5.11
Mississippi .....	4.65	4.57	4.45	4.22	3.95	3.94	4.00	4.54
Missouri .....	4.99	4.82	5.17	5.37	5.18	5.18	5.30	4.73
Montana .....	4.85	4.93	4.88	5.09	5.14	5.07	5.12	4.79
Nebraska .....	4.28	4.17	4.22	4.80	4.19	4.55	4.13	4.58
Nevada .....	4.90	4.44	4.41	4.42	4.42	4.42	4.41	4.15
New Hampshire .....	7.76	7.31	5.98	6.12	6.20	6.21	6.04	5.78
New Jersey .....	6.01	5.90	5.17	5.18	5.44	4.95	5.18	5.29
New Mexico .....	4.01	3.53	3.43	4.61	4.34	4.42	6.14	5.24
New York .....	6.45	6.10	5.89	5.83	5.89	6.11	6.63	7.12
North Carolina .....	5.96	5.87	5.67	5.48	5.68	5.79	5.77	5.44
North Dakota .....	4.66	4.68	5.24	5.51	5.81	5.45	5.37	5.04
Ohio .....	5.18	5.45	5.55	5.90	5.98	5.85	5.89	5.10
Oklahoma .....	4.38	4.47	4.53	4.84	4.48	4.76	4.66	4.44
Oregon .....	5.34	5.24	5.27	5.38	5.53	5.43	5.29	4.97
Pennsylvania .....	5.98	6.01	6.04	6.50	6.88	6.89	6.52	6.43
Rhode Island .....	7.51	7.37	6.82	7.00	6.64	7.26	7.55	7.48
South Carolina .....	6.14	6.02	5.35	5.32	5.43	5.41	5.46	5.49
South Dakota .....	4.78	4.18	4.56	5.78	4.82	4.72	4.61	5.21
Tennessee .....	5.39	5.19	5.20	5.24	5.30	5.30	5.50	5.12
Texas .....	4.85	4.81	4.88	4.41	3.82	3.79	3.85	4.07
Utah .....	4.22	4.16	3.93	4.23	4.32	4.19	4.18	3.82
Vermont .....	5.06	5.06	4.92	5.11	5.69	5.75	5.73	5.54
Virginia .....	5.61	5.47	5.63	5.72	6.14	5.85	6.01	5.61
Washington .....	4.07	4.69	4.78	4.98	5.00	4.80	4.66	4.52
West Virginia .....	6.02	5.98	5.93	6.95	7.25	7.52	7.01	6.41
Wisconsin .....	5.29	5.14	5.27	5.52	5.34	5.20	5.20	5.53
Wyoming .....	4.45	4.57	4.16	4.49	4.28	4.33	4.51	4.18
Total .....	5.26	5.16	5.11	5.27	5.28	5.03	5.32	5.21

See footnotes at end of table.

**Table 25. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1992-1994**

(Dollars per Thousand Cubic Feet) — Continued

State	1993				1992			
	April	March	February	January	Total	December	November	October
Alabama .....	5.83	5.89	5.89	5.92	5.71	5.90	6.10	6.19
Alaska .....	2.83	2.79	2.92	2.89	2.84	2.88	2.67	2.59
Arizona .....	5.03	5.06	5.00	5.02	5.20	5.09	5.22	5.28
Arkansas .....	4.35	4.32	4.33	4.20	4.38	4.35	4.47	4.72
California .....	5.50	6.19	5.43	6.93	5.15	5.73	5.45	4.53
Colorado .....	3.82	3.82	3.81	3.75	4.00	3.84	3.91	4.19
Connecticut .....	7.36	7.35	7.22	7.33	7.20	6.88	6.80	6.90
Delaware .....	5.19	5.11	5.12	5.17	4.94	5.18	5.07	5.07
District of Columbia .....	5.72	6.08	5.99	5.95	5.36	5.95	5.90	5.26
Florida .....	5.87	5.94	5.90	5.20	4.98	5.36	5.35	5.30
Georgia .....	5.60	5.21	5.79	5.92	5.55	5.62	6.03	5.98
Hawaii .....	13.18	12.79	12.40	13.17	13.34	13.57	13.71	13.83
Idaho .....	4.60	4.36	4.26	4.33	4.40	4.22	4.50	4.53
Illinois .....	5.26	4.65	4.83	4.91	4.65	4.88	4.93	4.89
Indiana .....	4.99	4.62	4.81	4.95	4.57	4.85	4.34	4.21
Iowa .....	5.03	4.64	4.23	4.73	4.27	4.58	4.54	5.31
Kansas .....	4.12	4.11	4.09	4.09	3.53	3.98	3.68	3.08
Kentucky .....	4.62	4.60	4.59	4.91	4.47	4.78	4.77	4.52
Louisiana .....	5.05	4.91	4.55	5.11	4.79	5.39	5.54	5.60
Maine .....	6.77	6.77	6.45	6.30	6.19	6.46	6.14	5.38
Maryland .....	5.68	5.57	5.77	5.65	5.24	5.89	5.73	5.57
Massachusetts .....	7.02	7.20	7.38	7.21	5.88	7.00	6.40	4.29
Michigan .....	4.35	4.27	4.27	4.32	4.65	4.49	4.63	4.89
Minnesota .....	4.70	4.43	4.32	4.60	4.10	4.59	4.81	4.88
Mississippi .....	4.06	3.93	3.93	4.25	4.13	4.53	4.51	4.62
Missouri .....	4.48	4.47	4.54	4.60	4.47	4.68	4.88	4.62
Montana .....	4.65	4.61	4.68	4.56	4.46	4.39	4.46	4.58
Nebraska .....	4.24	4.16	4.20	4.34	3.99	4.31	4.27	4.21
Nevada .....	4.30	4.30	4.31	4.28	4.33	4.26	4.31	4.37
New Hampshire .....	5.61	7.14	6.92	6.99	6.74	7.18	7.43	6.75
New Jersey .....	5.25	5.41	5.42	5.64	5.54	5.75	6.02	5.45
New Mexico .....	5.47	4.07	4.03	4.44	3.36	3.66	3.32	3.19
New York .....	6.27	5.73	5.85	6.10	5.75	6.26	6.44	5.66
North Carolina .....	5.15	5.31	5.51	5.66	4.79	5.36	5.31	4.73
North Dakota .....	4.75	4.61	4.54	4.55	4.52	4.59	4.68	4.89
Ohio .....	5.13	4.97	5.16	5.03	4.72	5.15	5.08	5.00
Oklahoma .....	4.51	4.48	4.52	4.55	4.23	4.45	4.22	4.10
Oregon .....	4.77	4.75	4.79	4.78	4.73	4.72	4.69	4.73
Pennsylvania .....	6.07	5.81	5.79	5.60	5.87	5.59	5.67	5.70
Rhode Island .....	7.01	6.94	6.95	7.21	6.31	6.95	6.99	5.49
South Carolina .....	5.67	5.85	6.12	6.22	5.65	6.02	6.08	5.31
South Dakota .....	4.52	4.34	4.31	4.43	4.19	4.44	4.45	4.84
Tennessee .....	4.95	4.96	5.13	5.31	5.06	5.25	5.35	5.25
Texas .....	4.12	4.34	4.74	4.73	4.09	4.54	4.45	4.12
Utah .....	3.96	4.23	4.19	4.26	4.40	4.27	4.20	4.04
Vermont .....	5.32	5.36	5.35	5.05	5.67	5.49	5.55	5.61
Virginia .....	5.62	5.26	5.61	5.66	4.97	5.66	5.27	5.42
Washington .....	4.34	4.33	4.36	4.26	4.32	3.85	4.44	4.56
West Virginia .....	5.84	5.67	5.67	5.69	5.48	5.30	5.45	5.75
Wisconsin .....	4.93	4.74	4.71	4.77	4.81	4.94	5.21	5.45
Wyoming .....	4.15	4.15	4.16	4.12	4.26	4.21	4.28	4.36
Total .....	5.14	5.06	5.08	5.19	4.88	5.11	5.12	4.90

<sup>a</sup> = Revised Data.

NA = Not Available.

Notes: Data for 1992 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 26 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,  
1992-1994**  
(Dollars per Thousand Cubic Feet)

State	YTD 1994	YTD 1993	YTD 1992	1994				1993
				April	March	February	January	Total
Alabama .....	3.74	3.47	2.87	3.46	3.79	3.88	3.80	3.42
Alaska .....	1.40	1.36	1.19	1.40	1.40	1.40	1.40	1.29
Arizona .....	3.88	3.96	4.15	3.59	3.94	4.24	4.06	4.02
Arkansas .....	3.30	3.23	3.21	3.35	3.38	3.34	3.24	3.23
California .....	3.20	3.87	4.32	2.51	4.24	3.31	3.11	3.32
Colorado .....	2.52	2.33	2.34	2.44	2.49	2.80	2.54	2.32
Connecticut .....	5.19	5.03	5.41	4.76	5.34	5.69	4.95	4.51
Delaware .....	4.12	3.28	3.09	4.15	3.59	4.48	4.28	3.40
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	3.80	3.69	3.17	3.69	3.82	3.93	3.78	3.85
Georgia .....	4.40	3.99	3.37	3.93	3.99	4.90	4.69	4.08
Hawaii .....	—	—	—	—	—	—	—	—
Idaho * .....	4.10	—	—	3.99	4.09	4.19	4.11	—
Illinois .....	4.80	4.28	3.82	4.87	4.84	4.92	4.75	4.46
Indiana .....	4.68	3.53	3.62	5.06	4.74	4.69	4.42	3.70
Iowa .....	3.74	3.92	3.22	4.08	3.80	3.70	3.56	3.83
Kansas .....	NA	2.74	2.51	3.08	3.70	3.09	NA	2.68
Kentucky .....	3.90	3.77	3.38	3.67	3.94	3.78	4.25	3.83
Louisiana .....	2.51	2.12	1.61	2.39	2.68	2.43	2.54	2.30
Maine .....	6.13	5.08	4.63	5.52	6.29	6.28	6.36	4.78
Maryland .....	4.77	3.83	3.25	5.14	4.73	5.35	3.16	3.61
Massachusetts .....	6.84	6.29	5.01	5.87	6.94	7.34	7.18	5.12
Michigan .....	4.00	4.03	3.93	4.18	3.67	4.04	4.15	4.11
Minnesota .....	3.22	3.25	2.81	3.07	3.21	3.29	3.27	3.24
Mississippi .....	3.22	2.80	2.25	3.06	3.35	3.37	3.10	2.98
Missouri .....	NA	4.22	3.79	NA	NA	NA	4.91	4.22
Montana .....	4.78	3.86	3.89	4.74	4.92	4.70	4.70	4.12
Nebraska .....	3.46	3.11	2.63	3.11	3.61	3.55	3.48	3.18
Nevada .....	5.66	3.91	4.23	5.84	5.67	5.68	5.65	4.30
New Hampshire .....	6.09	5.37	4.90	4.92	5.47	7.11	7.07	4.53
New Jersey .....	4.10	3.73	3.74	3.49	4.33	4.17	4.29	3.80
New Mexico .....	4.24	4.74	7.41	3.97	4.25	4.05	5.00	3.73
New York .....	6.30	5.74	4.94	6.50	6.39	6.32	6.07	5.59
North Carolina .....	3.78	3.96	3.08	3.47	3.09	4.20	4.54	3.87
North Dakota .....	3.53	3.32	3.08	3.26	3.41	3.68	3.49	3.35
Ohio .....	5.00	4.84	3.94	4.89	4.89	4.94	5.21	4.73
Oklahoma .....	2.42	2.13	1.92	2.42	2.47	2.31	2.48	2.20
Oregon .....	3.56	3.55	3.33	3.42	3.55	3.50	3.75	3.48
Pennsylvania .....	4.49	3.78	3.84	4.30	4.25	4.66	4.65	3.71
Rhode Island .....	5.82	6.06	5.47	4.70	5.83	7.02	6.25	5.10
South Carolina .....	3.69	3.38	2.97	3.21	3.68	3.99	4.07	3.32
South Dakota .....	3.56	3.52	3.37	3.47	3.62	3.48	3.63	3.82
Tennessee .....	3.99	3.61	3.16	4.05	3.83	3.99	4.15	3.67
Texas .....	2.39	2.27	1.79	2.26	2.53	2.53	2.44	2.38
Utah .....	3.44	3.20	4.41	2.58	3.01	4.92	3.09	3.08
Vermont .....	3.67	3.88	2.91	3.61	3.84	3.89	3.43	3.57
Virginia .....	4.78	4.51	3.78	4.69	4.79	4.75	4.67	4.00
Washington .....	3.11	2.99	2.90	2.98	3.15	3.13	3.16	3.15
West Virginia .....	3.46	3.04	2.76	3.05	3.54	3.68	3.42	2.95
Wisconsin .....	4.05	3.90	3.17	3.58	4.20	4.18	4.06	4.00
Wyoming .....	3.11	2.81	2.85	3.06	3.06	3.24	3.08	2.97
Total .....	3.43	3.15	2.75	3.10	3.53	3.51	3.55	3.07

See footnotes at end of table.

**Table 26. Average Price of Natural Gas Sold to Industrial Consumers, by State,  
1992-1994**  
(Dollars per Thousand Cubic Feet) — Continued

State	1993							
	December	November	October	September	August	July	June	May
Alabama .....	3.57	3.30	3.19	3.60	3.25	3.16	3.30	3.78
Alaska .....	1.20	1.20	1.20	1.24	1.24	1.24	1.35	1.35
Arizona .....	3.95	4.06	4.07	3.97	4.01	3.96	4.65	4.03
Arkansas .....	3.37	3.33	3.31	3.26	3.15	3.19	3.07	3.04
California .....	3.09	2.75	2.41	3.02	3.39	2.84	3.77	3.52
Colorado .....	2.62	2.46	2.48	2.07	2.17	2.10	2.14	2.48
Connecticut .....	4.92	4.46	3.73	4.02	3.95	3.93	3.90	4.42
Delaware .....	3.85	3.61	3.37	3.44	3.17	3.11	3.52	3.69
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	3.99	4.03	3.88	3.85	3.85	4.00	4.01	4.03
Georgia .....	4.22	4.06	4.12	4.63	3.84	3.61	4.41	4.49
Hawaii .....	—	—	—	—	—	—	—	—
Idaho .....	—	—	—	—	—	—	—	—
Illinois .....	4.88	4.64	4.62	4.40	4.77	4.62	4.62	4.64
Indiana .....	4.39	4.01	3.81	4.14	3.68	3.97	3.96	3.12
Iowa .....	3.86	3.71	2.87	4.64	3.74	4.04	4.78	3.75
Kansas .....	2.96	2.66	2.53	2.79	2.56	2.59	2.55	2.70
Kentucky .....	4.21	4.16	3.85	3.75	3.72	3.66	3.62	3.65
Louisiana .....	2.53	2.42	2.40	2.40	2.22	2.16	2.43	2.62
Maine .....	5.68	4.84	4.33	3.97	3.96	4.03	5.36	5.31
Maryland .....	3.62	3.61	2.80	3.90	3.82	3.67	3.41	4.33
Massachusetts .....	7.02	5.62	3.87	3.94	3.71	4.24	3.68	4.56
Michigan .....	4.08	4.20	4.26	4.49	4.33	4.37	4.24	4.16
Minnesota .....	3.22	3.89	3.00	3.11	3.47	3.21	2.70	3.40
Mississippi .....	3.38	3.19	3.02	3.23	3.00	2.62	2.80	3.34
Missouri .....	4.40	4.28	4.29	4.02	4.06	4.19	4.25	4.10
Montana .....	4.77	4.73	5.02	4.66	4.23	4.17	4.09	3.97
Nebraska .....	3.58	3.23	3.20	3.22	2.87	2.91	2.57	3.94
Nevada .....	4.20	4.80	5.19	4.93	4.33	4.03	4.36	4.26
New Hampshire .....	6.04	5.07	3.94	3.75	3.75	3.60	3.33	3.00
New Jersey .....	3.76	3.59	3.48	3.32	3.23	3.32	3.75	3.61
New Mexico .....	3.71	3.73	2.87	6.48	3.50	3.26	4.44	3.47
New York .....	5.51	5.19	5.27	5.15	5.84	5.44	5.25	6.28
North Carolina .....	*4.50	4.12	3.61	3.59	3.44	3.47	3.55	3.80
North Dakota .....	3.24	3.33	3.36	3.13	3.73	3.43	3.53	3.49
Ohio .....	4.90	5.00	4.72	4.94	4.77	4.56	4.73	4.57
Oklahoma .....	2.48	2.22	2.14	2.28	2.26	1.92	2.51	2.12
Oregon .....	3.73	3.46	3.26	3.37	3.36	3.40	3.35	3.62
Pennsylvania .....	3.91	3.70	3.77	3.46	3.35	3.52	3.58	3.72
Rhode Island .....	5.23	4.48	4.53	4.74	3.94	4.46	4.46	4.99
South Carolina .....	3.78	3.37	3.12	3.30	3.05	3.03	3.19	3.53
South Dakota .....	3.80	3.73	3.89	5.47	3.99	3.65	3.79	4.24
Tennessee .....	3.85	3.72	3.63	3.66	3.47	3.59	3.79	3.78
Texas .....	2.64	2.32	2.28	2.62	2.42	2.24	2.16	2.81
Utah .....	3.22	3.16	2.87	3.00	2.81	3.00	2.93	2.91
Vermont .....	3.47	3.52	3.43	3.39	3.48	3.56	3.74	3.85
Virginia .....	3.99	4.45	3.97	3.81	2.61	2.93	3.77	4.30
Washington .....	3.16	3.27	3.20	3.36	3.31	3.14	3.15	3.45
West Virginia .....	3.49	3.17	2.85	3.18	2.79	1.88	2.75	3.24
Wisconsin .....	4.32	4.07	4.06	4.07	3.69	3.77	3.87	4.33
Wyoming .....	3.30	3.29	3.25	3.23	3.19	3.07	3.00	2.87
Total .....	*3.34	3.12	*2.87	3.03	2.86	2.71	2.95	3.24

See footnotes at end of table.

**Table 26. Average Price of Natural Gas Sold to Industrial Consumers, by State, 1992-1994**

(Dollars per Thousand Cubic Feet) — Continued

State	1993				1992			
	April	March	February	January	Total	December	November	October
Alabama .....	3.47	3.47	3.38	3.58	3.07	3.59	3.54	3.51
Alaska .....	1.35	1.35	1.35	1.35	1.18	1.19	1.17	1.17
Arizona .....	3.92	3.97	3.98	3.97	4.18	4.09	4.21	4.11
Arkansas .....	3.15	3.22	3.31	3.24	3.13	3.28	3.28	3.20
California .....	3.82	3.31	3.77	4.85	3.67	3.82	3.10	3.44
Colorado .....	2.26	2.27	2.27	2.49	2.20	2.32	2.29	2.34
Connecticut .....	4.77	4.98	5.01	5.34	4.92	5.05	4.85	4.64
Delaware .....	3.31	3.28	3.22	3.32	3.25	3.59	3.47	3.59
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	3.86	3.82	3.64	3.48	3.22	3.51	3.60	3.89
Georgia .....	4.11	3.97	3.81	4.10	3.50	4.43	4.28	4.38
Hawaii .....	—	—	—	—	—	—	—	—
Idaho <sup>a</sup> .....	—	—	—	—	2.97	—	—	—
Illinois .....	4.81	4.23	4.15	4.12	3.75	4.14	3.79	3.21
Indiana .....	3.36	3.41	3.48	3.86	3.39	4.17	3.51	3.01
Iowa .....	4.44	3.85	3.50	4.11	3.73	3.88	3.85	4.29
Kansas .....	2.60	2.83	2.68	2.87	2.61	3.07	2.88	2.87
Kentucky .....	3.44	3.78	3.83	4.23	3.23	4.14	3.82	3.11
Louisiana .....	2.27	1.98	1.98	2.27	1.93	2.54	2.70	2.69
Maine .....	4.75	5.49	5.40	4.78	4.14	4.97	4.50	3.88
Maryland .....	4.67	3.98	3.88	3.25	3.58	4.13	3.75	3.85
Massachusetts .....	5.80	6.45	6.55	6.32	4.14	5.65	5.05	3.35
Michigan .....	4.08	4.02	4.02	4.04	3.92	3.85	3.90	3.97
Minnesota .....	3.34	3.03	3.33	3.33	3.05	3.32	3.51	3.57
Mississippi .....	2.94	2.78	2.71	2.80	2.53	3.02	3.05	3.34
Missouri .....	4.19	4.15	4.27	4.28	3.87	4.56	4.57	3.49
Montana .....	3.82	3.81	3.81	3.99	4.19	4.67	4.81	4.80
Nebraska .....	3.17	2.97	3.04	3.24	2.92	3.38	3.41	3.62
Nevada .....	4.12	3.80	4.09	3.89	4.07	3.84	4.11	3.99
New Hampshire .....	4.07	6.08	5.91	5.66	4.49	5.58	5.31	4.20
New Jersey .....	3.44	3.83	3.70	3.91	3.42	4.38	3.45	3.29
New Mexico .....	5.51	4.01	5.78	4.40	6.86	8.02	7.00	6.86
New York .....	5.73	5.57	5.73	5.94	4.93	5.51	5.41	4.75
North Carolina .....	3.82	3.87	4.14	4.22	3.34	4.11	4.02	3.55
North Dakota .....	3.44	3.28	3.23	3.37	3.25	3.47	3.74	3.71
Ohio .....	4.47	4.52	4.72	4.85	4.15	4.68	4.82	4.13
Oklahoma .....	2.07	2.12	2.10	2.19	2.02	2.10	2.17	2.29
Oregon .....	3.52	3.54	3.54	3.59	3.36	3.58	3.48	3.42
Pennsylvania .....	3.66	3.78	3.85	3.83	3.75	3.83	3.54	3.51
Rhode Island .....	5.78	6.08	6.08	6.27	4.66	5.85	5.48	3.91
South Carolina .....	3.29	3.25	3.46	3.52	3.13	3.68	3.62	3.60
South Dakota .....	3.84	3.46	3.57	3.33	3.63	3.41	3.62	4.59
Tennessee .....	3.49	3.58	3.54	3.84	3.44	4.18	4.05	3.92
Texas .....	2.47	2.23	2.06	2.31	2.12	2.59	2.56	2.92
Utah .....	2.92	3.27	3.24	3.31	3.91	3.60	3.68	3.37
Vermont .....	3.59	3.54	3.67	3.81	3.28	3.81	3.75	3.56
Virginia .....	4.28	4.61	4.57	4.81	3.72	4.80	3.60	4.58
Washington .....	3.19	2.89	2.92	2.99	2.91	2.99	3.13	3.37
West Virginia .....	2.73	2.68	3.90	3.04	2.89	3.12	2.87	2.98
Wisconsin .....	3.99	3.85	3.83	3.97	3.38	3.68	3.87	4.04
Wyoming .....	2.80	2.81	2.74	2.88	2.91	2.89	2.92	3.04
Total .....	3.13	3.08	3.12	3.25	2.84	3.38	3.26	3.21

<sup>a</sup> = Revised Data.

NA = Not Available.

— = Not Applicable.

Notes: Data for 1992 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 Consumers, by State, 1992-1994**  
(Dollars per Thousand Cubic Feet)

State	1994			1993			
	March	February	January	Total	December	November	October
Alabama .....	3.15	3.18	2.89	2.65	2.98	2.84	2.48
Alaska .....	0.74	0.75	0.75	0.84	0.84	0.83	0.84
Arizona .....	2.64	2.74	2.55	2.88	2.87	2.84	2.22
Arkansas .....	1.82	1.73	1.78	2.27	1.75	2.49	2.22
California .....	2.98	3.05	2.82	3.05	3.03	2.88	2.65
Colorado .....	2.63	2.50	2.58	2.53	2.89	2.45	2.48
Connecticut .....	7.19	6.12	5.83	3.90	6.03	7.04	7.40
Delaware .....	2.88	3.68	3.14	2.85	2.97	2.85	2.49
District of Columbia .....	—	—	—	—	—	—	—
Florida .....	2.37	2.40	2.40	2.38	2.12	2.12	2.35
Georgia .....	2.47	5.42	4.46	3.31	4.88	3.72	3.64
Hawaii .....	—	—	—	—	—	—	—
Idaho .....	—	—	—	—	—	—	—
Illinois .....	2.58	2.77	2.87	2.48	2.45	2.42	2.35
Indiana .....	3.20	4.09	4.12	2.77	3.01	2.88	2.53
Iowa .....	3.74	3.78	3.44	3.12	3.34	3.42	3.21
Kansas .....	2.30	2.53	2.30	2.28	2.30	2.09	2.09
Kentucky .....	3.13	3.45	3.01	3.07	3.35	3.05	2.78
Louisiana .....	2.67	3.00	2.84	2.49	2.77	2.52	2.38
Maine .....	—	—	—	—	—	—	—
Maryland .....	3.78	3.47	3.83	3.01	3.60	3.19	2.79
Massachusetts .....	3.34	2.94	3.80	2.71	2.23	2.88	2.58
Michigan .....	0.78	0.82	1.21	0.87	0.91	0.72	0.37
Minnesota .....	2.48	2.65	2.59	2.47	2.81	2.41	2.38
Mississippi .....	2.57	3.13	2.74	2.47	2.43	2.42	2.28
Missouri .....	2.84	2.63	2.81	2.34	2.83	2.35	2.05
Montana .....	4.83	3.30	0.93	2.79	1.99	1.02	4.78
Nebraska .....	2.58	3.14	3.11	2.88	3.14	2.88	2.58
Nevada .....	2.47	2.56	2.43	2.43	2.99	2.54	2.26
New Hampshire .....	—	—	—	2.21	—	—	—
New Jersey .....	2.84	2.88	2.81	2.38	2.91	2.42	2.38
New Mexico .....	2.28	2.38	2.30	2.23	2.48	2.22	2.02
New York .....	2.94	3.17	3.08	2.73	2.79	2.75	2.80
North Carolina .....	3.97	4.00	4.20	3.83	4.18	3.91	3.43
North Dakota .....	4.51	—	4.48	4.59	4.51	4.47	4.80
Ohio .....	4.08	4.40	4.32	2.94	3.67	4.16	3.73
Oklahoma .....	3.44	3.41	3.33	3.23	3.38	3.05	3.14
Oregon .....	2.21	2.11	2.30	2.28	2.87	2.31	2.08
Pennsylvania .....	3.04	3.73	4.11	2.85	4.45	2.92	2.89
Rhode Island .....	2.28	2.90	2.09	2.51	2.08	2.10	—
South Carolina .....	3.53	3.87	3.53	2.97	3.53	3.23	3.17
South Dakota .....	—	—	—	2.41	—	—	—
Tennessee .....	—	—	—	—	—	—	—
Texas .....	2.53	2.88	2.58	2.47	2.88	2.51	2.39
Utah .....	2.59	2.62	2.68	2.31	2.84	2.58	2.49
Vermont .....	—	3.79	—	2.01	2.19	2.17	2.01
Virginia .....	3.83	4.78	3.09	2.89	3.08	2.88	2.85
Washington .....	6.53	4.21	3.97	3.89	3.92	3.81	3.87
West Virginia .....	4.70	4.29	4.48	4.35	4.89	5.24	3.99
Wisconsin .....	3.35	3.48	3.53	2.88	3.72	3.40	2.50
Wyoming .....	4.09	3.99	1.64	3.44	3.77	3.77	3.77
Total .....	2.66	2.80	2.67	2.61	2.76	2.59	2.45

See footnotes at end of table.



**Table 27. Average Price of Natural Gas Delivered to Electric Utility Consumers, by State, 1992-1994**  
(Dollars per Thousand Cubic Feet) — Continued

State	1993						
	September	August	July	June	May	April	March
Alabama .....	2.87	2.61	2.42	2.50	3.18	2.69	2.42
Alaska .....	0.63	0.64	0.63	0.61	0.63	0.63	0.64
Arizona .....	3.18	2.87	2.89	3.14	3.21	2.64	2.70
Arkansas .....	2.47	2.36	2.23	2.14	1.71	1.61	1.50
California .....	3.01	3.15	3.12	3.01	3.56	3.20	3.09
Colorado .....	2.48	3.83	2.19	2.14	2.46	2.22	2.39
Connecticut .....	5.80	3.17	2.53	6.19	9.99	6.63	6.07
Delaware .....	3.07	3.31	2.82	3.05	3.90	5.31	2.78
District of Columbia .....	—	—	—	—	—	—	—
Florida .....	2.31	2.32	2.39	2.37	2.67	2.59	2.41
Georgia .....	3.72	3.18	3.22	3.32	4.25	3.82	3.90
Hawaii .....	—	—	—	—	—	—	—
Idaho .....	—	—	—	—	—	—	—
Illinois .....	2.60	2.39	2.43	2.42	2.57	2.62	3.00
Indiana .....	2.76	2.78	2.66	2.61	3.04	2.57	2.42
Iowa .....	3.41	2.86	2.64	3.30	3.65	3.33	3.30
Kansas .....	2.28	2.25	2.27	2.18	2.56	2.53	2.29
Kentucky .....	3.12	2.82	2.82	3.08	3.87	3.22	2.76
Louisiana .....	2.71	2.51	2.34	2.34	2.96	2.55	2.31
Maine .....	—	—	—	—	—	—	—
Maryland .....	3.23	2.85	2.70	2.96	3.43	3.10	2.82
Massachusetts .....	2.79	2.57	2.57	2.47	3.01	2.88	2.92
Michigan .....	1.03	1.50	1.36	0.87	0.30	0.38	0.45
Minnesota .....	2.56	2.30	2.27	2.26	2.62	2.66	2.38
Mississippi .....	2.68	2.53	2.42	2.44	2.85	2.30	2.23
Missouri .....	2.51	2.34	2.34	2.26	2.79	2.56	2.71
Montana .....	5.07	5.04	4.91	3.87	3.34	8.88	10.41
Nebraska .....	2.87	3.01	2.35	2.26	2.87	2.45	1.46
Nevada .....	2.44	2.48	2.17	2.17	2.45	2.22	2.42
New Hampshire .....	—	—	2.11	2.21	2.21	2.22	—
New Jersey .....	2.64	2.34	2.20	2.44	2.70	2.72	2.51
New Mexico .....	2.32	2.24	2.06	1.96	2.61	2.36	2.21
New York .....	2.83	2.58	2.46	2.64	3.24	2.87	2.76
North Carolina .....	3.66	3.38	3.26	3.50	3.90	3.38	3.71
North Dakota .....	4.69	—	4.62	—	—	4.27	—
Ohio .....	3.84	3.92	3.67	3.32	3.54	3.72	2.34
Oklahoma .....	3.33	3.00	2.94	3.18	3.68	3.39	3.57
Oregon .....	2.16	2.09	—	—	—	—	2.09
Pennsylvania .....	2.94	2.87	2.54	2.56	3.21	3.14	2.58
Rhode Island .....	2.76	2.95	2.64	2.66	—	—	—
South Carolina .....	3.26	2.84	2.82	3.08	3.37	3.18	3.20
South Dakota .....	—	2.39	—	—	—	—	2.62
Tennessee .....	—	—	—	—	—	—	—
Texas .....	2.58	2.51	2.32	2.31	2.72	2.58	2.40
Utah .....	2.80	2.51	2.60	2.17	2.73	1.87	1.86
Vermont .....	—	—	1.96	1.93	2.28	2.28	3.33
Virginia .....	2.95	2.63	2.79	3.02	5.31	2.90	3.01
Washington .....	4.00	3.80	3.44	5.90	7.68	6.52	4.05
West Virginia .....	4.06	5.73	4.27	5.40	3.86	3.80	4.18
Wisconsin .....	2.81	2.24	2.46	2.62	3.02	2.66	2.33
Wyoming .....	3.71	3.68	3.71	3.39	3.47	3.41	3.20
Total .....	2.69	2.60	2.46	2.47	2.90	2.75	2.61

See footnotes at end of table.

**Table 27. Average Price of Natural Gas Delivered to Electric Utility Consumers, by State, 1992-1994**  
(Dollars per Thousand Cubic Feet) — Continued

State	1993		1992				
	February	January	Total	December	November	October	September
Alabama .....	2.29	2.59	2.28	2.88	2.79	3.20	2.43
Alaska .....	0.64	0.64	0.57	0.56	0.56	0.56	0.57
Arizona .....	3.12	3.81	2.28	3.99	3.47	2.40	2.40
Arkansas .....	1.38	1.64	1.57	1.35	1.15	2.18	1.85
California .....	3.02	3.29	2.81	3.24	3.28	3.41	2.93
Colorado .....	2.33	2.51	2.14	2.49	2.45	2.50	1.94
Connecticut .....	3.50	6.66	2.74	6.11	7.15	6.29	6.31
Delaware .....	4.38	3.65	2.70	5.40	4.89	4.31	3.32
District of Columbia .....	—	—	—	—	—	—	—
Florida .....	2.23	2.27	2.30	2.32	2.65	2.88	2.59
Georgia .....	3.51	3.90	2.89	4.38	4.05	4.32	2.30
Hawaii .....	—	—	—	—	—	—	—
Idaho .....	—	—	—	—	—	—	—
Illinois .....	3.08	2.99	2.24	3.11	3.05	2.93	2.39
Indiana .....	2.94	2.87	2.48	2.81	3.21	3.14	3.00
Iowa .....	3.34	3.37	3.08	3.42	3.37	3.77	3.51
Kansas .....	2.42	2.40	1.94	2.42	2.22	2.14	1.99
Kentucky .....	2.74	2.99	2.77	3.12	3.24	3.38	2.67
Louisiana .....	2.10	2.35	1.91	2.35	2.51	2.73	2.16
Maine .....	—	—	—	—	—	—	—
Maryland .....	2.86	3.14	2.66	4.07	3.79	3.78	2.82
Massachusetts .....	3.25	3.51	2.68	3.70	3.27	3.43	2.81
Michigan .....	0.85	0.68	0.81	0.64	0.67	0.56	1.28
Minnesota .....	2.52	2.81	1.85	2.74	2.52	3.35	1.89
Mississippi .....	1.98	2.08	1.85	2.34	2.48	2.66	2.22
Missouri .....	2.42	2.62	1.89	2.75	2.61	2.13	2.31
Montana .....	2.78	7.62	3.30	2.44	2.38	9.41	3.76
Nebraska .....	2.61	2.88	2.28	2.84	2.32	2.46	2.27
Nevada .....	3.11	3.17	1.91	3.12	2.44	2.55	1.87
New Hampshire .....	—	—	2.20	—	—	—	2.20
New Jersey .....	2.35	2.66	2.18	3.09	2.98	2.92	2.42
New Mexico .....	2.06	2.35	1.99	2.40	2.45	2.67	2.30
New York .....	2.66	3.02	2.48	3.21	3.12	3.22	2.55
North Carolina .....	4.11	4.16	2.96	4.15	4.10	3.22	3.15
North Dakota .....	—	—	4.18	4.48	—	—	4.05
Ohio .....	2.84	2.79	2.31	2.59	4.17	2.66	1.87
Oklahoma .....	3.37	3.31	3.20	3.25	3.76	4.11	3.29
Oregon .....	1.99	2.96	1.97	2.44	2.15	2.40	2.05
Pennsylvania .....	2.41	2.47	3.06	3.51	5.19	4.07	3.49
Rhode Island .....	—	—	2.20	—	—	—	2.84
South Carolina .....	3.61	3.78	1.73	3.72	3.33	3.30	2.74
South Dakota .....	—	—	2.88	2.95	2.92	4.04	—
Tennessee .....	—	—	—	—	—	—	—
Texas .....	2.32	2.46	2.25	2.67	2.69	2.90	2.34
Utah .....	1.87	2.03	1.87	2.27	1.80	1.99	1.98
Vermont .....	3.60	3.30	2.00	3.14	3.02	2.18	2.24
Virginia .....	3.10	2.57	2.47	2.70	0.48	5.05	2.20
Washington .....	3.73	3.70	3.31	4.54	4.57	5.97	3.32
West Virginia .....	—	4.04	3.53	3.51	3.27	3.34	4.27
Wisconsin .....	2.68	3.22	2.42	3.41	3.33	3.47	2.80
Wyoming .....	3.21	3.25	3.33	3.29	3.22	3.21	3.19
Total .....	2.55	2.70	2.36	2.81	2.87	3.04	2.51

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

— = Not Applicable.

Notes: Data for 1992 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, 1992-1994**  
(Dollar per Thousand Cubic Feet)

State	1994							
	April		March		February		January	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	79.8	18.7	80.8	18.5	85.0	23.1	83.2	20.8
Alaska .....	100.0	61.7	100.0	55.8	100.0	75.6	100.0	61.2
Arizona .....	89.7	31.9	91.6	28.3	73.5	3.5	83.9	24.8
Arkansas .....	94.2	14.5	94.8	12.8	95.4	18.2	83.2	13.7
California .....	66.1	25.2	60.0	18.3	58.6	26.3	63.8	24.1
Colorado .....	95.1	29.4	95.9	32.7	96.3	29.0	96.2	29.6
Connecticut .....	89.0	94.3	88.1	97.8	90.7	98.1	89.3	98.6
Delaware .....	100.0	54.4	100.0	64.5	100.0	70.5	100.0	68.6
District of Columbia .....	98.8	—	99.9	—	99.8	—	99.9	—
Florida .....	98.0	15.0	97.4	15.1	98.9	14.9	96.7	16.2
Georgia .....	89.4	29.7	91.6	32.2	94.4	36.0	96.6	41.7
Hawaii .....	100.0	—	100.0	—	100.0	—	100.0	—
Idaho .....	85.7	2.5	88.0	2.4	88.5	3.1	87.7	2.3
Illinois .....	48.9	9.4	57.0	15.7	59.2	17.3	58.1	16.6
Indiana .....	84.2	12.9	89.4	16.8	95.2	23.1	89.3	18.7
Iowa .....	80.0	7.9	90.7	12.7	94.0	13.5	92.5	14.1
Kansas .....	74.4	4.5	81.6	2.5	85.0	NA	81.6	5.9
Kentucky .....	91.6	31.4	94.2	39.1	95.6	50.6	93.3	27.0
Louisiana .....	97.0	26.9	97.9	25.5	98.0	22.1	97.5	22.3
Maine .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland .....	95.8	25.7	97.3	30.8	98.3	35.2	98.1	19.6
Massachusetts .....	98.5	38.3	99.2	38.3	99.8	37.2	99.8	37.4
Michigan .....	65.5	11.0	70.1	13.7	67.8	15.6	69.8	14.5
Minnesota .....	96.7	46.6	97.2	56.5	97.3	57.3	97.2	60.2
Mississippi .....	92.8	31.8	92.5	34.1	93.2	33.0	91.9	32.8
Missouri .....	NA	NA	90.7	33.0	NA	NA	88.1	28.2
Montana .....	91.8	3.9	92.7	5.2	93.1	6.6	92.8	4.9
Nebraska .....	84.2	20.4	87.3	25.5	90.1	35.3	89.3	33.9
Nevada .....	82.0	8.9	86.6	8.9	89.7	12.8	94.0	11.2
New Hampshire .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey .....	90.3	40.5	98.4	56.9	98.4	65.2	95.1	64.7
New Mexico .....	52.8	2.3	62.1	2.6	65.4	6.8	66.5	2.2
New York .....	78.2	25.1	82.4	29.5	83.8	34.6	84.0	36.9
North Carolina .....	94.6	53.4	93.9	82.7	95.7	84.2	96.4	83.9
North Dakota .....	82.2	30.2	83.1	29.5	88.9	37.6	82.7	36.1
Ohio .....	78.4	9.9	84.9	14.6	86.5	13.9	87.4	12.7
Oklahoma .....	87.2	27.1	91.1	26.6	92.0	25.9	88.2	24.8
Oregon .....	97.4	30.5	98.3	35.5	98.6	39.0	97.8	37.5
Pennsylvania .....	73.1	17.3	78.6	22.7	79.7	26.3	76.9	23.9
Rhode Island .....	100.0	70.0	100.0	55.1	100.0	42.8	100.0	35.8
South Carolina .....	97.6	68.2	100.0	63.2	100.0	64.8	100.0	66.6
South Dakota .....	88.4	41.9	92.6	40.4	92.3	50.1	92.9	43.7
Tennessee .....	92.0	29.1	97.8	41.4	99.1	43.0	96.7	33.6
Texas .....	84.5	28.1	79.6	26.8	84.6	25.1	90.9	22.7
Utah .....	80.8	11.3	74.9	9.7	77.8	9.2	76.4	8.8
Vermont .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia .....	80.2	11.3	92.6	11.3	96.6	12.0	94.4	10.8
Washington .....	97.4	40.9	97.6	47.0	97.6	48.8	97.5	47.9
West Virginia .....	53.1	7.9	57.0	8.3	60.8	11.9	63.1	10.7
Wisconsin .....	93.8	48.2	95.4	56.4	NA	NA	94.7	55.5
Wyoming .....	98.2	1.6	98.0	1.8	97.4	1.6	98.7	1.6
Total .....	71.6	23.3	76.0	24.4	77.7	25.1	77.6	23.5

See footnotes at end of table.

**Table 28. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1992-1994**

(Dollar per Thousand Cubic Feet) — Continued

State	1993							
	Total		December		November		October	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	62.2	17.3	74.9	19.1	69.6	18.9	65.7	18.8
Alaska .....	100.0	70.6	100.0	70.1	100.0	71.2	100.0	54.8
Arizona .....	89.0	25.0	92.0	26.8	90.3	24.0	91.8	23.0
Arkansas .....	91.0	<sup>a</sup> 14.3	96.7	<sup>a</sup> 15.2	92.6	16.3	87.7	15.0
California .....	75.3	26.9	77.5	33.1	74.5	31.2	72.5	40.3
Colorado .....	89.3	28.7	95.7	33.3	93.7	24.1	90.0	25.1
Connecticut .....	95.8	75.0	82.9	96.8	100.0	81.4	100.0	79.7
Delaware .....	98.0	75.0	86.1	79.7	100.0	74.6	100.0	76.5
District of Columbia .....	97.9	—	97.1	—	95.9	—	92.5	—
Florida .....	79.3	22.4	95.7	18.4	96.1	15.1	97.2	16.2
Georgia .....	82.6	25.0	92.5	31.5	90.5	27.5	85.0	22.6
Hawaii .....	100.0	—	100.0	—	100.0	—	100.0	—
Idaho .....	86.9	—	87.9	—	81.6	—	77.8	—
Illinois .....	53.1	12.1	56.1	13.7	53.8	11.9	50.3	9.2
Indiana .....	87.6	18.6	95.9	18.7	91.9	18.8	90.3	13.7
Iowa .....	91.5	13.7	93.2	12.3	95.1	20.6	92.3	17.1
Kansas .....	74.4	11.0	78.8	9.4	74.2	11.5	71.6	11.8
Kentucky .....	86.8	21.4	95.0	25.0	94.5	23.1	91.9	22.6
Louisiana .....	91.2	<sup>a</sup> 34.3	97.3	31.6	97.0	31.8	98.1	<sup>a</sup> 31.6
Maine .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland .....	95.6	18.6	98.1	32.7	97.1	20.0	95.3	19.4
Massachusetts .....	95.0	32.0	99.8	40.3	99.7	45.0	100.0	46.3
Michigan .....	63.3	6.5	71.8	9.5	66.8	7.5	61.6	4.7
Minnesota .....	89.1	41.6	99.4	53.9	96.7	37.2	95.3	42.1
Mississippi .....	80.6	27.7	90.2	25.2	89.2	27.6	88.7	27.1
Missouri .....	81.7	21.8	85.4	28.9	81.6	24.1	72.4	19.1
Montana .....	93.2	10.2	93.5	6.9	91.6	6.9	89.9	4.7
Nebraska .....	89.2	30.0	91.6	31.7	84.0	29.7	84.5	28.1
Nevada .....	92.8	3.0	93.5	3.2	91.0	4.9	89.8	4.0
New Hampshire .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey .....	91.8	56.9	93.9	56.7	92.6	56.1	90.3	60.7
New Mexico .....	52.2	5.0	62.0	8.9	60.4	8.0	63.7	4.8
New York .....	67.4	16.2	78.2	24.6	78.9	21.7	75.2	18.3
North Carolina .....	90.9	<sup>a</sup> 70.6	100.0	<sup>a</sup> 86.9	91.9	80.9	79.4	57.7
North Dakota .....	72.7	25.2	78.7	35.7	74.3	27.9	56.1	23.3
Ohio .....	81.5	8.9	96.0	8.5	84.3	11.1	82.5	7.9
Oklahoma .....	82.6	30.0	91.1	27.4	90.8	27.6	81.8	26.9
Oregon .....	97.9	27.6	98.2	35.7	96.5	33.5	94.1	31.4
Pennsylvania .....	73.8	21.2	74.9	21.9	73.2	22.5	73.3	18.2
Rhode Island .....	100.0	10.6	100.0	8.2	100.0	8.5	100.0	11.9
South Carolina .....	82.7	47.9	100.0	58.9	100.0	61.5	94.5	57.3
South Dakota .....	83.9	52.1	91.2	35.9	90.1	49.1	78.7	61.2
Tennessee .....	78.5	33.3	96.8	43.5	92.1	43.9	90.8	33.7
Texas .....	68.4	26.5	81.5	27.3	82.4	34.4	79.1	30.7
Utah .....	100.0	13.0	100.0	13.3	100.0	14.9	100.0	15.0
Vermont .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia .....	75.9	13.2	92.4	20.9	87.6	16.7	77.8	12.8
Washington .....	93.9	40.8	96.0	39.0	97.4	43.0	94.9	37.8
West Virginia .....	40.3	7.9	54.6	9.9	49.6	9.0	41.5	9.0
Wisconsin .....	73.5	40.0	95.1	54.8	94.4	53.8	91.1	43.2
Wyoming .....	85.5	2.7	99.3	2.5	97.3	3.0	97.1	2.2
<b>Total .....</b>	<b>77.5</b>	<b><sup>a</sup>26.0</b>	<b>78.6</b>	<b><sup>a</sup>25.2</b>	<b>76.5</b>	<b>27.1</b>	<b>73.6</b>	<b>25.4</b>

See footnotes at end of table.

**Table 28. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1992-1994**

(Dollar per Thousand Cubic Feet) — Continued

State	1993							
	September		August		July		June	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	69.2	18.2	68.8	17.7	70.9	20.1	71.9	18.2
Alaska .....	100.0	68.8	100.0	61.3	100.0	73.3	100.0	79.7
Arizona .....	89.9	22.8	89.2	24.7	87.9	24.8	90.3	18.7
Arkansas .....	85.6	14.1	84.6	14.5	85.8	13.1	84.1	14.3
California .....	69.2	35.4	68.9	31.6	75.1	33.7	70.0	31.4
Colorado .....	94.0	33.5	92.7	32.8	92.6	32.4	95.2	30.1
Connecticut .....	100.0	73.8	99.2	70.7	86.5	68.1	99.2	71.9
Delaware .....	100.0	79.2	100.0	78.0	100.0	75.3	100.0	69.3
District of Columbia .....	90.1	—	88.3	—	96.8	—	99.8	—
Florida .....	97.2	20.8	96.9	17.2	97.0	17.5	97.6	35.4
Georgia .....	84.6	21.0	83.9	25.2	84.3	30.3	81.6	23.1
Hawaii .....	100.0	—	100.0	—	100.0	—	100.0	—
Idaho .....	79.3	—	81.4	—	82.9	—	82.5	—
Illinois .....	50.1	7.7	38.4	6.4	43.0	5.6	43.5	7.2
Indiana .....	92.4	13.1	90.5	15.6	89.9	13.0	91.4	14.2
Iowa .....	88.3	10.4	88.2	10.3	89.7	10.1	90.3	8.0
Kansas .....	80.2	16.6	85.5	19.9	82.1	16.9	78.8	14.4
Kentucky .....	87.8	24.4	85.2	16.3	89.2	17.8	93.0	24.3
Louisiana .....	98.7	30.2	98.7	31.6	98.8	31.0	98.8	31.8
Maine .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland .....	93.3	11.9	93.3	10.5	94.9	10.7	96.1	47.9
Massachusetts .....	99.5	39.9	99.6	42.1	99.7	52.3	99.8	53.0
Michigan .....	49.3	3.8	52.9	2.7	48.9	2.7	50.0	3.0
Minnesota .....	96.7	43.2	87.5	30.2	88.3	32.8	93.4	48.4
Mississippi .....	85.8	29.4	88.6	30.1	88.4	29.4	91.6	31.1
Missouri .....	73.4	20.4	68.2	16.5	71.2	18.5	73.8	17.6
Montana .....	87.6	4.0	91.3	8.3	91.3	7.7	91.2	9.9
Nebraska .....	82.0	23.4	87.2	30.0	87.5	23.3	87.7	23.1
Nevada .....	89.8	4.1	86.9	4.2	89.9	3.3	90.8	3.8
New Hampshire .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey .....	85.0	55.3	80.3	53.2	87.5	53.0	86.8	53.5
New Mexico .....	37.0	1.1	50.2	7.1	51.9	5.3	44.6	2.1
New York .....	74.0	15.9	73.3	14.1	70.3	13.5	67.5	16.0
North Carolina .....	99.4	70.3	89.6	54.0	90.0	53.0	90.1	54.8
North Dakota .....	53.5	17.2	54.0	14.9	58.1	16.6	62.6	15.7
Ohio .....	72.3	7.1	69.1	5.8	74.3	8.1	73.6	6.8
Oklahoma .....	82.3	25.7	80.9	31.9	79.2	31.1	82.0	28.3
Oregon .....	97.3	29.8	97.5	28.7	97.6	25.7	97.8	27.2
Pennsylvania .....	66.2	20.3	65.4	19.3	72.5	17.1	72.5	17.6
Rhode Island .....	100.0	12.1	100.0	9.1	100.0	9.6	100.0	12.1
South Carolina .....	100.0	58.8	93.5	59.3	94.0	60.4	100.0	61.4
South Dakota .....	75.8	52.1	72.9	48.4	75.0	55.2	73.3	38.4
Tennessee .....	89.7	34.7	89.4	32.0	89.9	32.0	89.6	31.9
Texas .....	78.7	17.9	83.2	31.5	80.9	29.7	78.3	27.5
Utah .....	100.0	15.7	100.0	13.9	100.0	12.3	100.0	13.7
Vermont .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia .....	84.5	15.1	75.2	10.3	83.9	10.8	86.3	14.3
Washington .....	90.7	35.5	90.5	33.3	90.6	34.6	89.8	38.8
West Virginia .....	28.3	9.3	25.9	7.5	25.7	11.5	28.4	8.3
Wisconsin .....	88.4	41.7	87.0	37.3	87.6	38.1	89.3	36.6
Wyoming .....	94.7	1.7	96.4	1.9	97.1	2.1	96.9	4.1
<b>Total .....</b>	<b>71.7</b>	<b>21.7</b>	<b>71.3</b>	<b>24.7</b>	<b>78.3</b>	<b>24.4</b>	<b>72.2</b>	<b>24.4</b>

See footnotes at end of table.

**Table 28. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1992-1994**

(Dollar per Thousand Cubic Feet) — Continued

State	1993							
	May		April		March		February	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	75.3	17.1	80.3	19.6	82.4	20.0	81.8	22.1
Alaska .....	100.0	70.9	100.0	73.4	100.0	70.1	100.0	73.4
Arizona .....	90.9	26.8	89.7	24.0	92.2	28.0	93.1	25.7
Arkansas .....	87.5	14.3	91.8	16.0	92.7	16.1	93.0	16.6
California .....	75.6	34.1	79.6	35.9	76.5	36.1	81.3	44.7
Colorado .....	94.9	30.1	95.5	34.2	96.3	32.7	96.2	34.9
Connecticut .....	99.3	69.5	98.0	70.0	97.1	73.5	97.6	73.5
Delaware .....	100.0	75.0	100.0	72.5	100.0	73.7	100.0	75.5
District of Columbia .....	100.0	—	100.0	—	100.0	—	100.0	—
Florida .....	97.5	30.6	97.3	26.6	96.6	28.7	96.6	31.0
Georgia .....	85.3	23.4	90.1	26.5	94.1	35.2	92.3	37.3
Hawaii .....	100.0	—	100.0	—	100.0	—	100.0	—
Idaho .....	87.5	—	88.0	—	91.1	—	90.0	—
Illinois .....	51.6	6.5	56.5	16.1	58.5	15.4	58.5	16.9
Indiana .....	100.0	25.0	99.4	26.0	99.6	27.4	93.7	26.9
Iowa .....	92.3	12.9	96.0	12.0	95.4	15.0	96.3	18.2
Kansas .....	84.4	12.3	83.5	12.6	85.2	10.6	82.1	8.8
Kentucky .....	91.9	28.5	93.1	37.7	95.0	29.0	95.1	21.4
Louisiana .....	98.9	34.6	98.5	35.3	97.9	31.8	97.8	34.7
Maine .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland .....	94.6	7.7	96.2	9.1	96.5	22.1	97.4	15.0
Massachusetts .....	99.7	58.6	99.7	52.5	99.8	51.7	99.8	55.3
Michigan .....	62.2	5.3	66.6	8.6	71.3	10.3	71.1	10.9
Minnesota .....	99.3	50.1	99.2	45.9	98.5	48.5	96.9	48.8
Mississippi .....	95.6	33.4	96.7	32.3	92.7	35.9	84.5	34.6
Missouri .....	90.2	22.4	96.8	24.3	88.6	27.3	96.4	28.7
Montana .....	95.0	13.8	94.0	14.1	95.0	15.0	94.1	16.1
Nebraska .....	97.8	29.5	93.0	24.2	94.1	42.4	94.4	45.4
Nevada .....	92.6	3.4	91.1	3.7	94.3	7.6	96.0	6.9
New Hampshire .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey .....	88.8	54.6	91.5	55.5	93.9	56.6	94.2	60.5
New Mexico .....	53.0	13.7	55.3	1.2	66.2	1.6	62.6	1.5
New York .....	72.5	14.8	78.8	22.0	83.2	25.6	82.4	28.4
North Carolina .....	100.0	94.3	100.0	95.7	100.0	92.9	100.0	94.0
North Dakota .....	73.3	19.0	76.9	26.2	77.4	29.5	73.9	31.5
Ohio .....	75.8	7.3	83.6	10.7	86.7	13.6	86.8	12.6
Oklahoma .....	88.3	27.3	90.2	31.1	91.1	27.2	91.4	37.5
Oregon .....	97.6	21.8	97.9	22.1	96.5	23.9	99.0	26.0
Pennsylvania .....	71.4	23.6	77.7	27.0	79.0	25.3	79.2	26.7
Rhode Island .....	100.0	10.4	100.0	10.7	100.0	11.7	100.0	11.8
South Carolina .....	100.0	55.9	100.0	58.3	100.0	67.0	100.0	70.0
South Dakota .....	76.4	43.7	81.2	55.1	84.4	54.4	83.9	61.4
Tennessee .....	97.3	38.8	95.8	45.9	95.9	48.5	96.3	44.9
Texas .....	77.6	29.9	83.2	28.0	83.8	30.2	85.2	29.1
Utah .....	100.0	12.2	100.0	12.5	100.0	12.0	100.0	12.3
Vermont .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia .....	89.1	21.7	86.3	16.2	88.7	13.2	90.9	15.3
Washington .....	90.9	42.1	93.7	45.2	93.9	44.4	93.3	46.0
West Virginia .....	40.6	8.4	53.3	7.7	54.9	8.1	54.9	6.7
Wisconsin .....	90.1	40.7	91.8	42.7	94.2	49.0	95.1	48.6
Wyoming .....	98.4	3.2	98.2	3.1	96.5	5.0	98.3	4.3
Total .....	76.0	26.4	76.6	26.6	85.8	30.1	85.8	28.8

See footnotes at end of table.

**Table 28. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1992-1994**  
(Dollar per Thousand Cubic Feet) — Continued

State	1993		1992					
	January		Total		December		November	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	80.4	20.4	80.7	29.9	80.6	31.1	74.2	30.4
Alaska .....	100.0	78.0	100.0	69.8	100.0	73.9	100.0	72.3
Arizona .....	93.1	29.3	92.6	29.6	92.9	31.6	89.1	28.8
Arkansas .....	92.5	16.7	90.7	13.8	90.8	20.1	88.7	15.3
California .....	78.8	31.7	74.5	27.5	81.4	30.0	76.7	27.7
Colorado .....	96.3	35.4	95.5	32.2	96.2	37.0	93.7	32.4
Connecticut .....	97.1	71.6	96.5	65.6	98.4	75.3	96.2	76.9
Delaware .....	100.0	71.9	100.0	65.0	100.0	74.0	100.0	72.3
District of Columbia .....	100.0	—	99.0	—	100.0	—	100.0	—
Florida .....	96.5	32.6	97.7	32.9	97.0	35.1	97.4	31.8
Georgia .....	90.8	32.0	88.1	35.0	92.9	40.3	87.9	29.4
Hawaii .....	100.0	—	100.0	—	100.0	—	100.0	—
Idaho .....	89.5	—	85.7	0.3	88.3	—	82.2	—
Illinois .....	61.2	21.2	57.7	15.0	59.9	20.7	60.5	22.1
Indiana .....	94.3	23.9	96.8	23.2	96.0	22.3	96.9	29.8
Iowa .....	96.3	16.3	95.7	17.6	96.7	23.9	96.1	26.7
Kansas .....	83.4	10.2	84.4	10.2	82.7	8.6	78.0	10.4
Kentucky .....	94.9	20.0	93.1	35.1	94.9	27.0	94.6	35.4
Louisiana .....	97.3	34.7	87.5	37.6	86.4	34.0	81.4	32.8
Maine .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland .....	97.3	18.6	96.0	20.1	97.4	30.5	97.0	41.0
Massachusetts .....	99.8	56.2	99.8	45.4	99.8	33.9	99.7	36.6
Michigan .....	73.2	11.6	68.8	9.1	73.1	12.8	68.6	8.6
Minnesota .....	98.8	50.5	96.2	42.3	97.6	54.4	96.5	48.9
Mississippi .....	91.7	34.9	96.4	45.5	97.4	44.8	95.9	45.4
Missouri .....	87.9	29.4	85.5	24.5	87.2	27.0	81.0	21.7
Montana .....	95.5	16.5	95.4	17.5	94.6	13.2	92.8	14.1
Nebraska .....	93.7	45.0	88.2	41.2	90.9	44.6	87.1	45.8
Nevada .....	97.1	6.1	88.3	7.5	95.4	14.1	88.5	6.4
New Hampshire .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey .....	93.8	63.4	92.4	55.7	96.9	59.5	94.8	63.9
New Mexico .....	83.8	3.8	70.0	4.3	81.1	9.8	57.0	8.2
New York .....	82.3	25.4	77.7	23.3	81.5	27.7	82.6	24.2
North Carolina .....	100.0	97.1	95.9	81.0	100.0	98.9	100.0	97.5
North Dakota .....	77.1	34.3	68.9	21.6	68.9	31.0	67.3	25.7
Ohio .....	89.3	11.2	85.6	11.6	88.5	14.5	85.7	12.8
Oklahoma .....	91.2	41.3	88.5	23.7	88.1	41.5	86.9	31.8
Oregon .....	98.6	25.4	97.8	20.7	98.4	24.4	97.4	22.7
Pennsylvania .....	80.0	29.3	75.8	22.9	79.4	34.3	74.1	30.4
Rhode Island .....	100.0	10.8	100.0	11.4	100.0	11.0	100.0	12.5
South Carolina .....	100.0	72.2	98.6	66.9	100.0	74.7	100.0	69.8
South Dakota .....	86.5	68.3	82.4	52.6	84.7	66.6	81.8	64.4
Tennessee .....	96.0	39.2	96.4	49.6	97.4	48.8	97.5	48.8
Texas .....	83.9	30.0	79.7	31.3	78.6	32.0	75.3	28.0
Utah .....	100.0	9.9	100.0	11.7	100.0	13.4	100.0	10.2
Vermont .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia .....	89.1	14.5	90.7	25.6	90.3	30.4	86.6	30.2
Washington .....	93.8	48.0	87.3	37.4	92.3	44.8	86.8	36.6
West Virginia .....	54.3	8.8	56.9	16.2	58.9	24.2	56.8	16.7
Wisconsin .....	94.1	46.6	91.3	41.5	95.1	49.0	93.4	46.2
Wyoming .....	98.6	4.8	98.0	3.6	98.3	4.5	98.2	4.0
Total .....	80.4	28.8	83.2	30.3	85.6	32.5	83.1	30.8

See footnotes at end of table.

**Table 28. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1992-1994**

(Dollar per Thousand Cubic Feet) — Continued

State	1992							
	October		September		August		July	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	73.2	28.7	74.4	26.5	74.7	28.9	75.3	29.9
Alaska .....	100.0	71.2	100.0	81.3	100.0	80.1	100.0	66.7
Arizona .....	91.2	30.1	90.5	27.2	86.0	26.0	86.3	26.8
Arkansas .....	87.6	14.4	86.4	12.2	85.4	12.2	85.9	12.4
California .....	78.0	31.6	79.7	33.3	64.6	29.8	60.9	31.1
Colorado .....	91.2	37.3	93.6	40.5	93.3	34.6	94.2	40.0
Connecticut .....	97.8	69.7	98.7	63.9	98.8	61.8	95.8	54.2
Delaware .....	100.0	68.8	100.0	61.9	100.0	62.3	100.0	59.0
District of Columbia .....	100.0	—	99.0	—	99.5	—	91.4	—
Florida .....	96.2	28.9	98.3	32.3	98.1	31.6	98.1	34.5
Georgia .....	84.6	30.0	83.4	40.6	83.3	35.6	79.7	31.4
Hawaii .....	100.0	—	100.0	—	100.0	—	100.0	—
Idaho .....	77.9	—	80.2	—	82.4	—	81.0	—
Illinois .....	55.5	19.5	47.0	12.8	49.2	7.9	44.4	7.4
Indiana .....	99.8	28.3	91.9	20.9	99.6	25.6	92.8	17.8
Iowa .....	91.0	19.2	88.7	13.3	90.6	13.1	91.3	11.8
Kansas .....	81.1	9.8	86.9	10.7	88.9	13.6	88.4	12.2
Kentucky .....	93.0	57.3	87.9	51.3	87.4	42.9	86.7	45.2
Louisiana .....	90.6	33.5	91.1	36.4	90.2	30.2	90.6	30.6
Maine .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Maryland .....	95.0	18.6	94.1	8.4	92.7	9.1	93.1	7.4
Massachusetts .....	99.6	43.6	99.8	44.7	99.6	44.9	99.7	47.7
Michigan .....	61.1	5.7	49.9	4.2	51.6	4.0	48.5	4.6
Minnesota .....	99.4	45.0	93.0	39.9	89.8	36.3	93.1	32.7
Mississippi .....	95.6	43.3	95.6	43.1	94.8	45.6	95.5	45.1
Missouri .....	76.1	28.8	74.5	18.5	75.8	21.5	71.9	18.2
Montana .....	92.0	11.1	90.6	9.3	96.8	14.8	95.4	15.1
Nebraska .....	84.5	40.0	80.5	33.4	83.6	36.9	85.6	32.1
Nevada .....	88.9	6.5	82.7	6.3	81.4	6.7	84.8	4.7
New Hampshire .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New Jersey .....	86.4	57.9	80.7	55.9	80.7	55.7	88.6	52.8
New Mexico .....	57.9	3.2	60.8	9.1	64.4	2.1	62.4	1.9
New York .....	76.0	21.1	69.3	16.1	69.3	13.7	72.9	17.3
North Carolina .....	99.9	96.7	89.2	75.1	86.2	61.1	84.3	46.9
North Dakota .....	56.8	18.0	57.2	14.2	58.8	13.0	61.6	12.6
Ohio .....	84.2	12.2	73.1	7.4	73.5	9.2	72.0	7.3
Oklahoma .....	85.3	28.3	84.3	25.4	85.7	21.8	80.2	16.2
Oregon .....	94.6	18.7	97.8	17.8	96.7	17.6	97.9	17.5
Pennsylvania .....	74.0	29.4	69.4	20.5	67.2	17.9	68.1	14.1
Rhode Island .....	100.0	12.1	100.0	13.3	100.0	9.1	100.0	12.1
South Carolina .....	99.7	66.6	97.0	63.2	95.8	65.4	95.5	61.9
South Dakota .....	76.5	59.2	78.0	54.7	74.6	50.3	72.3	32.7
Tennessee .....	97.3	48.5	91.6	38.9	90.4	43.1	97.3	43.8
Texas .....	72.4	33.3	71.9	29.4	75.9	32.8	77.0	31.4
Utah .....	100.0	11.7	100.0	11.9	100.0	11.6	100.0	11.1
Vermont .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Virginia .....	89.9	26.0	83.8	30.9	85.9	21.5	86.9	14.0
Washington .....	83.4	37.1	81.6	39.3	80.3	34.6	78.5	36.1
West Virginia .....	48.1	13.6	33.4	13.8	33.6	14.4	35.8	10.3
Wisconsin .....	90.7	38.4	85.2	34.8	84.1	33.2	83.3	32.0
Wyoming .....	97.2	2.7	97.4	2.3	97.1	2.4	96.5	2.3
Total .....	80.9	31.4	78.0	29.3	76.1	28.6	76.0	27.4

<sup>R</sup> = Revised Data.

NA = Not Available.

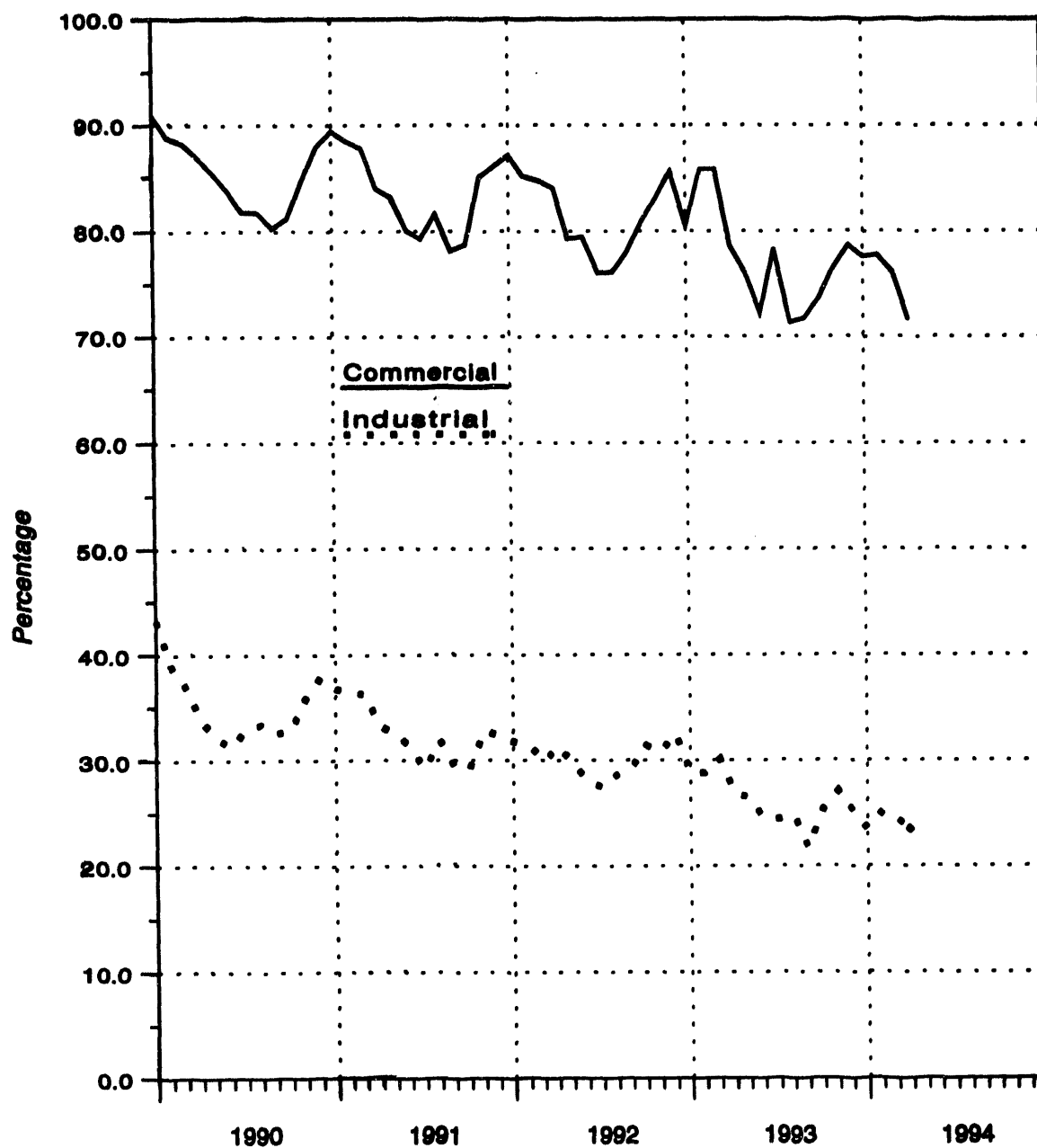
— = Not Applicable.

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, 1990-1994**



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
<b>Supply and Disposition</b>	
Marketed Production	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
<b>Prior-Month Consumption</b>	
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 1992, of the 33 producing States, 23 reported data on nonhydrocarbon gases removed. The 23 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, Indiana, Maryland, Missouri, Nevada, New York, Oregon, South Dakota, and Virginia. The eight States reporting volumes greater than zero are Alabama, California, Florida, Mississippi, New Mexico, North Dakota, Texas, and Wyoming. Two States (Kentucky and Nebraska) reported quantities unknown but considered insignificant. 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 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 lease and plant fuel consumption estimates.

## **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 1992 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 four States: Mississippi, New Mexico, Oklahoma, and Texas. Gas prices for these four 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 four 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 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 four 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.



## **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. Beginning with 1990 data, the responses are not considered proprietary.

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.

In 1988, the Form EIA-176 was revised to include data collection for deliveries of natural gas to commercial consumers for the account of others. The revised form was approved for use during report years 1987 through 1989. Response to the form was mandatory.

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, revisions to the Form were approved that permitted collection of data on deliveries of natural gas for use as a vehicle fuel and detailed underground storage information. Data filed on the EIA-176 are no longer held confidential.

## ***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 1992 for report year 1991 totaled 2,116 questionnaire packages. To this original mailing, 14 names were added and 34 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 2,096 responses from approximately 1,800 companies.

Following the original mailing, second request mailing, and nonrespondents followup, 2,092 responses were entered into the data base, and there were four nonrespondents.

## ***Summary of Form EIA-176 Data Reporting Requirements***

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

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

## ***Routine Form EIA-176 Edit Checks***

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

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

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

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

## ***Other EIA Publications Referencing Form EIA-176***

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

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

### ***Survey Design***

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

### ***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 1991, data on the quantities of nonhydrocarbon gases removed were reported by the appropriate agencies of 23 of the 33 States. These 23 States accounted for 59 percent of total 1991 gross withdrawals. In addition, gross withdrawal data from Kansas, Oklahoma, Louisiana, and Montana, which together accounted for 36 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*.

## **Interstate Oil and Gas Compact Commission Form "Monthly Report of Natural Gas Production"**

### ***Survey Design***

The Interstate Oil Gas Compact Commission (IOGCC) is an organization comprised of 32 gas and oil producing States; the Governor of each State sits on the board of the IOGCC. The IOGCC form, "Monthly Report of Natural Gas Production," is a voluntary report filed to the IOGCC by most of the producing States. The IOGCC forwards copies of these forms to the EIA. The purpose of the form is to standardize, to the extent possible, the reporting of natural gas data by the States. Data are not considered proprietary.

### ***Survey Universe and Response Statistics***

Most of the 32 States report data to the IOGCC. Two exceptions are Florida, which submits its own form, and California, whose data are taken from the Conservation Committee of California Oil Producers publication. Reports on State production are forwarded to the EIA by the IOGCC approximately 80 days after the end of the report month.

## **Summary of Data Requirements**

The IOGCC form consists of three questions on one page, and requires volumetric information on gross production, quantities of gas vented or flared, and gas used for repressuring.

### **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 billion cubic feet in the previous calendar year. Approximately 50 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 1992, there were 375 authorizations to import or export natural gas, but only 143 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  $i$

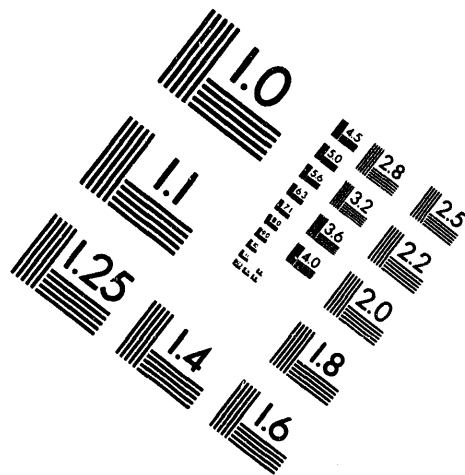
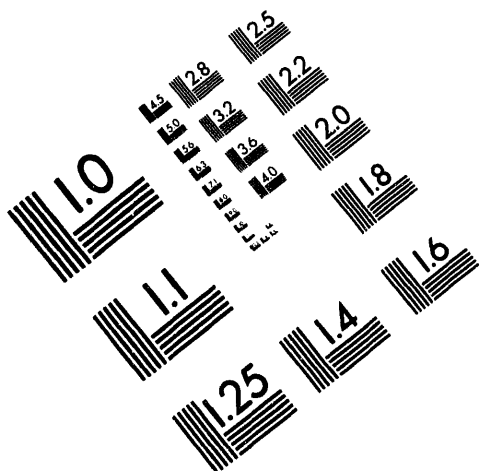
$T$  = the ratio of the sum of the reported monthly volumes for sample companies to the sum of the reported annual volumes for the sample companies.



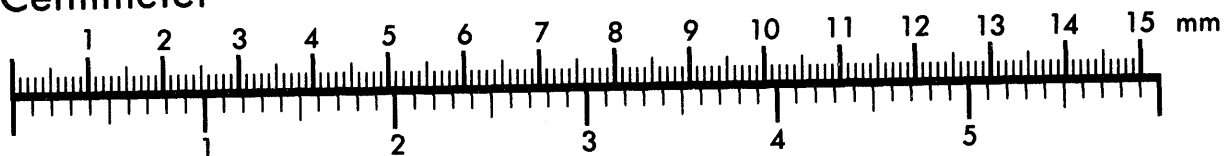
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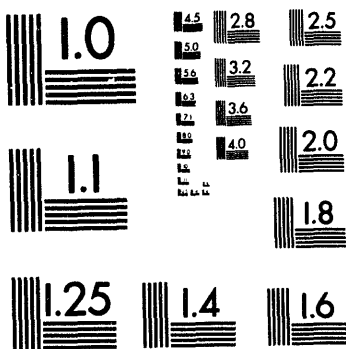
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Silver Spring, Maryland 20910  
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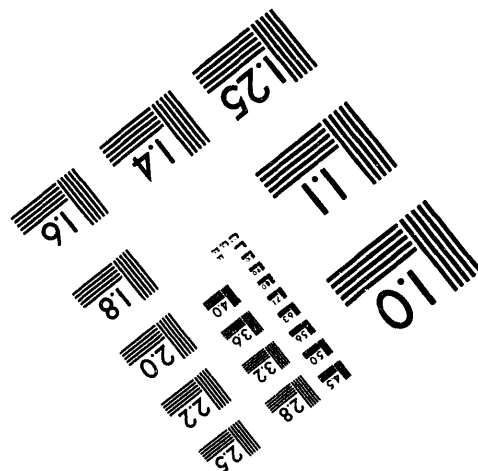
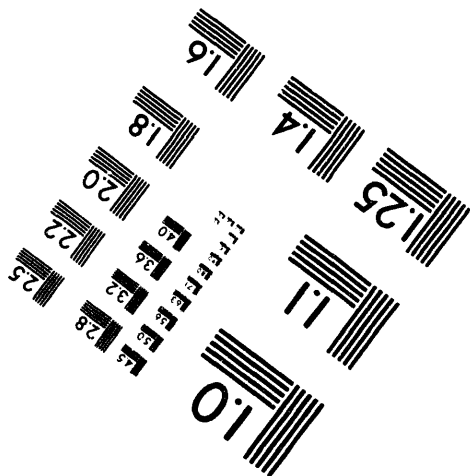
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**Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, April 1994**

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama .....	444	181	495	692	0.09	0.43	0.58
Alaska .....	0	0	0	0	—	—	—
Arizona .....	39	65	0	76	0.08	0.05	—
Arkansas .....	14	15	204	205	0.01	0.01	0.18
California .....	136	113	2,174	2,182	0.03	0.06	0.14
Colorado .....	484	474	615	915	0.19	0.17	0.12
Connecticut .....	0	0	0	0	—	—	—
Delaware .....	0	0	0	0	—	—	—
District of Columbia .....	0	0	0	0	—	—	—
Florida .....	70	209	626	663	0.27	0.04	0.55
Georgia .....	4,684	574	2,593	5,385	3.71	0.57	1.75
Hawaii .....	0	0	0	0	—	—	—
Idaho .....	0	0	0	0	—	—	—
Illinois .....	487	207	793	944	0.09	0.15	0.49
Indiana .....	2,332	313	178	2,380	0.86	0.72	0.71
Iowa .....	75	75	129	167	0.04	0.11	0.22
Kansas .....	2,427	939	297	2,619	0.40	0.40	1.16
Kentucky .....	1,144	530	1,236	1,765	0.64	0.18	0.43
Louisiana .....	95	19	1,943	1,946	0.28	0.02	0.06
Maine .....	0	0	0	0	—	—	—
Maryland .....	26	17	50	59	0.01	0.03	0.14
Massachusetts .....	146	86	190	254	0.27	0.18	0.15
Michigan .....	836	395	569	1,086	0.06	0.12	0.12
Minnesota .....	137	61	374	403	0.25	0.18	0.19
Mississippi .....	134	36	376	400	0.15	0.16	0.56
Missouri .....	NA	NA	NA	NA	NA	NA	NA
Montana .....	18	8	97	99	0.04	0.01	—
Nebraska .....	36	55	85	108	0.08	0.06	0.74
Nevada .....	0	0	0	0	—	—	—
New Hampshire .....	0	0	0	0	—	—	—
New Jersey .....	0	0	0	0	—	—	—
New Mexico .....	198	413	0	458	0.33	1.30	—
New York .....	9,695	NA	2,672	11,509	0.55	NA	0.44
North Carolina .....	31	62	194	206	0.06	0.03	0.06
North Dakota .....	0	0	0	0	—	—	—
Ohio .....	2,363	498	1,609	2,901	0.19	0.20	1.68
Oklahoma .....	241	42	428	493	0.12	0.03	0.10
Oregon .....	0	0	0	0	—	—	—
Pennsylvania .....	2,130	650	864	2,389	0.56	0.50	0.32
Rhode Island .....	0	0	0	0	—	—	—
South Carolina .....	485	164	331	594	0.25	0.39	0.10
South Dakota .....	0	0	0	0	—	—	—
Tennessee .....	303	283	252	485	0.15	0.15	0.39
Texas .....	2,169	1,524	12,696	12,970	0.44	0.26	0.09
Utah .....	0	0	0	0	—	—	—
Vermont .....	0	0	0	0	—	—	—
Virginia .....	271	389	282	552	0.08	0.02	0.56
Washington .....	0	0	0	0	—	—	—
West Virginia .....	1,016	579	102	1,174	1.88	2.16	0.22
Wisconsin .....	670	1,128	584	1,436	0.47	1.05	0.42
Wyoming .....	52	140	451	475	0.14	0.33	0.48
<b>Total .....</b>	<b>12,119</b>	<b>6,206</b>	<b>13,881</b>	<b>19,444</b>	<b>0.23</b>	<b>0.16</b>	<b>0.16</b>

NA = Not Available.

— = Not Applicable.

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



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## **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 1992*, DOE/EIA-0131(92), November 1993.
- *Natural Gas Annual 1992 Supplement: Company Profiles*, DOE/EIA-0131(92/S), January 1994.

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

- *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves - 1992 Annual Report*, DOE/EIA-0216(92), October 1993.
- *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 1993*, DOE/EIA-01733(93), March 1994. Published annually.
- *Annual Energy Outlook 1994*, DOE/EIA-0383(94), January 1994. Published annually.
- *Annual Energy Review 1992*, DOE/EIA-0384(92), June 1993. 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 1992: Issues and Trends*, DOE/EIA-0560(20), March 1993.
- *Natural Gas Productive Capacity for the Lower 48 States, 1982 through 1993*, DOE/EIA-0542(93), March 1993.
- *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.
- *Effects of Interruptible Natural Gas Service: Winter 1989-1990*, SR/OG-91-01, June 1991.
- *The Outlook for Natural Gas Imports: Supporting Analysis for the National Energy Strategy*, SR/NES/90-06, January 1991.

#### **Selected and Recurring Natural Gas and Related Data Reference Reports**

- *Directory of Energy Data Collection Forms*, DOE/EIA-0249(92), January 1993.
- *Oil and Gas Field Code Master List, 1993*, EIA-0370(93), December 1993.

## **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.)

## **Appendix E**

### **Technical Contacts**

## Appendix E

### Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production and Consumption	1, 2, 3	Monthly:	Interstate Oil and Gas Compact Commission (IOGCC)	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:	Interstate Oil and Gas Compact Commission (IOGCC)	Donna Guerrina (202) 586-6135
Interstate Pipeline Activities:	8, 9, 10	Monthly:	Form FERC-11, "Natural Gas Pipeline	James Keeling

	11, 12		Company Monthly Statement"	(202) 586-6107
Underground Storage:	13, 14, 15 16, 17	Monthly:	Forms FERC-8 and EIA-191, "Underground Gas Storage Report"	Rosemary Jameson (202) 586-6229
Distribution and Consumption:				
Deliveries to:				
Residential,	18	Monthly:	Form EIA-857, "Monthly Report of	Roy Kass
Commercial,	19		Natural Gas Purchases and Deliveries	(202) 586-4790
Industrial,	20		to Consumers"	
Electric Utility,	21		Form FERC-423, "Cost and Quality	
All Consumers	22		of Fuels for Electric Power Plants"	
Average Price to:				
City Gate,	23	Monthly:	Form EIA-857, "Monthly Report of	Roy Kass
Residential,	24		Natural Gas Purchases and Deliveries	(202) 586-4790
Commercial,	25		to Consumers"	
Industrial,	26		Form FERC-423, "Cost and Quality	
Electric Utility	27		of Fuels for Electric Power Plants"	
Onsystem Sales	28	Monthly:	Form EIA-857, "Monthly Report of	Roy Kass
			Natural Gas Purchases and Deliveries	(202) 586-4790
			to Consumers"	
Heating Degree Days	29	Seasonal:	National Oceanic and Atmospheric	Rosemary Jameson
			Administration	(202) 586-6229
Highlights				Audrey Corley
				(202) 586-4804
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.

**DATE**

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*8/25/94*

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