

Consumption

Total natural gas consumption in 1997 reached 22 trillion cubic feet, virtually unchanged from the 1996 level but among the highest annual levels ever recorded. Natural gas has accounted for 25 percent of total energy consumption in the United States since 1992, and this share was maintained in 1997. Increases in consumption in the commercial and electric utility sectors were offset by declines in the residential and industrial sectors. Commercial consumption set a new record, 3.2 trillion cubic feet, surpassing the previous record high from a year ago by 2 percent. Deliveries of gas to industrial consumers, which include deliveries to cogenerators, represented 44 percent of total deliveries to natural gas consumers.

Residential and Commercial

Consumption in the residential sector is driven primarily by weather-related space-heating requirements. It dropped

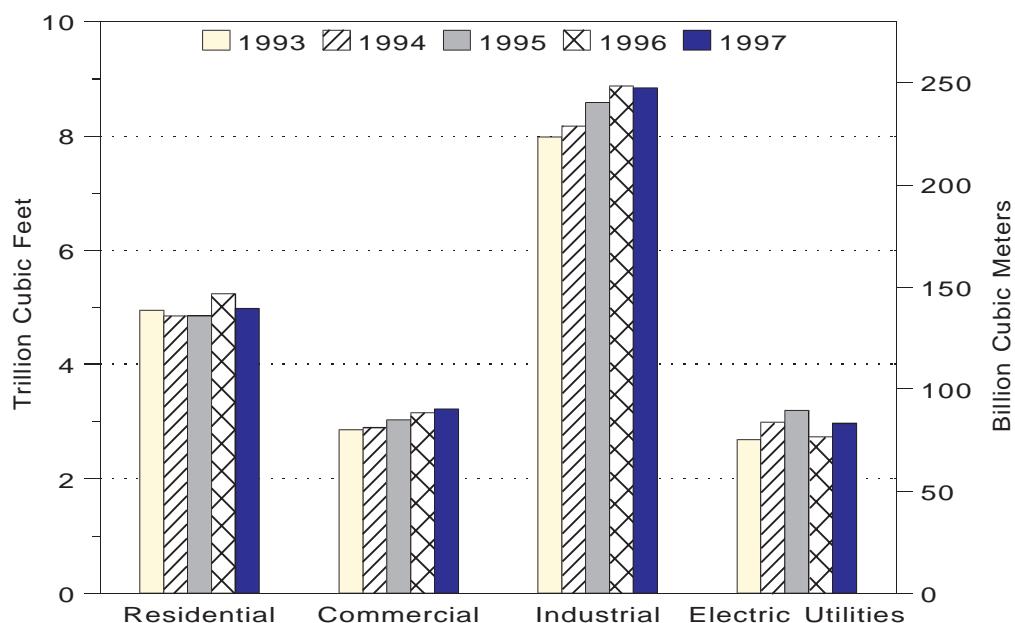
by 5 percent from the 1996 level to 5.0 trillion cubic feet. Warm weather during the first quarter of 1997 explains most of the decline in residential consumption from year-ago levels. Temperatures in March 1996 were very cold, resulting in heating degree days that were 14 percent below normal. March 1997 was warmer than normal and had 20 percent fewer heating degree days than March 1996.

Despite the decline in residential consumption, it was still among the highest recorded annual levels.

As in 1995 and 1996, nearly one million new consumers entered the residential natural gas market in 1997, reaching 56.2 million, 2 percent above the number in 1996. Average consumption per consumer during 1997 was 89,000 cubic feet, 6 percent less than in the previous year.

Consumption in the commercial sector is also driven by space-heating requirements. Despite the warmer-than-

Figure 10. Natural Gas Delivered to Consumers in the United States, 1993-1997



Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition", and Form EIA-759, "Monthly Power Plant Report."

normal weather in 1997, commercial consumption climbed to a new record level in 1997, 3.2 trillion cubic feet, 2 percent above last year's record. A 7-percent rise in the number of commercial consumers may have contributed to the increase. The number of commercial consumers grew by 284,157 from 1996 to 1997, more than the total growth in consumers in this sector shown from 1993 to 1996.

Industrial

In recent years, more than 40 percent of natural gas deliveries have been used by industrial consumers. After increasing in a steady upward trend for 10 consecutive years, deliveries to this sector fell slightly in 1998 to 8.8 trillion cubic feet, but were still slightly above the previous historical high set more than 20 years ago in 1973. Industrial consumption includes deliveries to all nonutility power producers.

Because different manufacturing activities use different proportions of gas in their production processes, the relationship between manufacturing output and gas consumption varies widely across industries. Such differences are often caused by technology choices, variations in output levels, and differential rates of energy efficiency. Increases reported for deliveries to industrials in recent years may be attributed in large measure to natural gas consumption by nonutility generators. Much of the natural gas consumed by nonutility generators is used for cogeneration. During the cogeneration process, a single energy input, such as natural gas, is used to produce both electricity and useful thermal energy in the form of process heat. Industries that use large quantities of natural gas to produce process heat, such as chemical manufacturing, are especially conducive to cogeneration applications.

Beginning with the 1996 annual reporting cycle, the Energy Information Administration changed the customer category used for reporting deliveries to consumers in the agricultural industry from commercial to industrial. Most natural gas consumed in agriculture is used to drive irrigation systems and to dry crops. Separate reports of the volumes affected are not available so the direct impact of this change on the commercial and industrial volumes is not quantifiable, and therefore no historical adjustment of the data has been done. Thus, in comparing sectoral use over time, note that there is an inherent shift in natural gas volumes from the commercial to industrial sectors due simply to these changes in the reporting requirements. See Appendix A for more discussion of this change in data series.

Electric Utilities

Natural gas consumption by electric utilities rose substantially in 1997 to 3.0 trillion cubic feet, 9 percent above last year. Two States, California and New York, accounted for more than half of the increase. Electric utilities in California consumed 60 billion cubic feet more gas in 1997 than in 1996, 25 percent of the total increase for the Nation. In New York, the comparable increase was 75 billion cubic feet, 32 percent of the U.S. total. Nationally, electric utilities in the United States generated 1 percent more power than during 1996, and the role played by natural gas in that generation increased to 9 percent from the previous year's share of 8 percent.

Electric utility consumption, shown in this report is taken from the Form EIA-759, "Monthly Power Plant Report," on which electric utilities report receipts of natural gas. The differences between receipts reported on this form and deliveries reported on the Form EIA-176 are shown in Appendix A, Table A1. More detailed information about natural gas consumption in the electricity sector may be found in the EIA publication, *Electric Power Annual, Volume 1*.

Other Consuming Sectors

Lease fuel, plant fuel, and pipeline fuel are volumes of natural gas consumed in the production, processing, and transmission of natural gas. Lease fuel and pipeline fuel each represented 4 and 3 percent respectively, of total consumption during 1997, and plant fuel, 2 percent. Thirty percent of total lease fuel consumption was used in Alaska, primarily for repressuring. The level of gas repressuring or reinjection is very high in Alaska because there are limited facilities for delivering gas to consumers.

The volumes of natural gas consumed in the production, processing, and transmission of natural gas are related to production and consumption volumes. During 1997, dry production remained virtually unchanged from the previous year. However, both lease and plant fuel consumption declined by 3 and 5 percent respectively.

Consumption of pipeline fuel, gas used in the operation of pipelines, increased by 6 percent or slightly more than 40 billion cubic feet over the 1996 level. This was expected as a result of a 3 percent increase in the volume of interstate movements of natural gas.

While the amount of natural gas delivered for vehicle fuel use was very small compared to deliveries to other consuming sectors in 1997, it remains an area with very high growth potential. It was 4.4 billion cubic feet, 51 percent more than in 1996. Volumes of natural gas consumed as vehicle fuel

may, in fact, be somewhat higher than shown. Some volumes are believed to be included in the volumes delivered to commercial establishments where refueling facilities exist and the consumption by fleet vehicles is not separately metered from space heating consumption.

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Table 13. Consumption of Natural Gas by State, 1993-1997
 (Million Cubic Feet)

Year and State	Delivered to Consumers	Lease Fuel	Plant Fuel	Pipeline Fuel	Total Consumption
1993 Total.....	18,482,847	723,118	448,822	624,308	20,279,095
1994 Total.....	18,898,635	699,842	423,878	685,362	20,707,717
1995 Total.....	19,660,161	792,315	427,853	700,335	21,580,665
1996 Total.....	20,005,508	800,004	450,033	711,446	21,966,991
1997 Total.....	20,018,683	775,619	426,873	751,595	21,972,770
Alabama	292,093	7,020	2,468	20,689	322,270
Alaska	149,165	230,578	40,706	4,938	425,387
Arizona	112,589	51	0	18,597	131,237
Arkansas	244,641	^a 6,349	508	11,591	263,089
California	1,850,269	69,386	4,796	22,493	1,946,945
Colorado	263,988	17,150	12,435	12,371	305,945
Connecticut	134,557	0	0	2,492	137,049
D.C.	33,824	0	0	246	34,070
Delaware	46,477	0	0	13	46,490
Florida	477,639	^a 2,321	113	5,644	485,717
Georgia	353,699	0	0	7,973	361,672
Hawaii	2,611	0	0	0	2,611
Idaho	61,707	0	0	5,186	66,892
Illinois	1,062,462	^a 6	80	14,517	1,077,065
Indiana	546,817	12	0	10,773	557,602
Iowa.....	243,476	0	0	11,309	254,785
Kansas	248,562	^a 20,641	26,205	39,109	334,518
Kentucky	202,583	^a 1,816	641	22,854	227,894
Louisiana.....	1,360,152	^a 156,387	71,155	71,523	1,659,218
Maine.....	6,247	0	0	0	6,247
Maryland	204,316	^a 3	0	3,124	207,443
Massachusetts	377,908	0	0	2,356	380,263
Michigan	943,883	^a 9,386	2,674	23,776	979,719
Minnesota.....	334,571	0	0	19,509	354,080
Mississippi.....	206,747	3,280	372	44,979	255,378
Missouri.....	276,123	^a 0	0	7,456	283,579
Montana	54,114	2,089	188	3,436	59,827
Nebraska.....	128,031	38	7	4,084	132,160
Nevada.....	127,968	9	0	656	128,633
New Hampshire.....	20,822	0	0	24	20,846
New Jersey	617,632	0	0	3,407	621,039
New Mexico.....	142,354	18,476	45,982	61,897	268,709
New York.....	1,220,102	778	0	7,477	1,228,357
North Carolina	206,939	0	0	7,265	214,204
North Dakota	42,826	4,152	4,420	4,744	56,143
Ohio.....	878,123	1,162	39	19,453	898,777
Oklahoma	452,457	^a 51,042	30,370	26,130	560,000
Oregon	159,111	0	0	12,481	171,592
Pennsylvania.....	652,217	^a 2,022	253	39,173	693,664
Rhode Island	82,102	0	0	837	82,938
South Carolina	150,961	0	0	2,940	153,901
South Dakota	32,288	224	0	2,910	35,421
Tennessee	259,773	^a 45	0	22,559	282,377
Texas.....	3,566,672	144,787	157,013	82,115	3,950,587
Utah.....	137,605	16,478	8,141	2,935	165,159
Vermont.....	8,052	0	0	9	8,061
Virginia	232,672	^a 1,330	0	7,387	241,389
Washington	222,392	0	0	8,836	231,228
West Virginia	119,512	^a 4,500	2,710	32,318	159,040
Wisconsin	396,052	0	0	4,544	400,596
Wyoming	70,797	4,099	15,597	10,461	100,955

^a Lease fuel quantities were estimated by assuming that the proportions of on-system production used as lease fuel by respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," were the same as the proportions of gross withdrawals as reported on Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," used as lease by all operators. Form EIA-176 respondents reported on-system production totaling 37 percent of gross withdrawals in Alaska and 3.8 percent of gross withdrawals in the lower 48 states. The average ratios of volumes "Used in well, lease, and field operations" to "Company-owned natural gas produced on-system" computed from Form EIA-176 responses were .02498 for Alaska and .03012 for the lower 48 states. Those ratios were applied to gross withdrawals from all

states, where lease fuel was applicable, that did not report lease fuel use on the Form EIA-895.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA), Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1993 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996 and 1997); Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; and Form EIA-759, "Monthly Power Plant Report."

Consumption - Table 14

Table 14. Natural Gas Delivered to Consumers by State, 1993-1997

Year and State	Residential		Commercial		Industrial	
	Volume (million cubic feet)	Consumers	Volume (million cubic feet)	Consumers	Volume (million cubic feet)	Consumers
1993 Total.....	4,956,445	52,535,411	2,861,569	4,464,906	7,981,433	209,666
1994 Total.....	4,847,702	53,392,557	2,895,013	4,533,905	8,167,033	202,940
1995 Total.....	4,850,318	54,322,179	3,031,077	4,636,500	8,579,585	209,398
1996 Total.....	5,241,414	55,263,673	3,158,244	4,720,227	8,870,422	206,049
1997 Total.....	4,983,772	56,186,958	3,218,606	5,004,384	8,842,896	238,905
Alabama	48,496	781,711	32,360	65,919	201,240	2,496
Alaska.....	15,146	83,596	26,908	12,945	73,599	7
Arizona.....	31,057	724,911	30,132	50,115	27,864	480
Arkansas.....	42,428	544,460	29,441	68,413	147,969	1,338
California.....	478,904	9,060,473	253,923	406,803	737,354	36,553
Colorado.....	115,583	1,183,978	69,074	123,580	73,781	2,961
Connecticut.....	40,562	436,119	42,624	48,195	34,554	3,459
D.C.	15,807	134,807	18,012	10,874	0	0
Delaware.....	8,972	109,400	6,608	9,807	14,805	265
Florida.....	13,117	532,790	36,700	48,251	130,816	565
Georgia.....	114,383	1,553,948	57,220	123,367	174,747	3,311
Hawaii.....	517	30,990	1,751	2,783	342	27
Idaho.....	15,239	200,165	11,433	26,436	34,999	189
Illinois.....	497,230	3,521,707	202,850	268,841	317,755	28,473
Indiana.....	169,140	1,509,142	81,753	140,515	290,723	6,921
Iowa.....	81,696	780,746	50,191	90,643	107,463	1,843
Kansas.....	69,415	811,975	41,236	84,992	112,089	6,957
Kentucky.....	66,033	713,509	38,627	77,693	95,724	1,698
Louisiana.....	52,709	962,786	25,613	62,270	1,004,383	1,430
Maine.....	1,009	15,221	2,713	6,606	2,525	81
Maryland.....	77,500	890,195	49,802	69,056	65,954	479
Massachusetts.....	112,308	1,204,494	105,813	107,926	108,295	11,063
Michigan.....	379,838	2,859,483	192,258	465,726	338,456	12,236
Minnesota.....	128,873	1,134,019	92,232	108,686	107,338	2,245
Mississippi.....	27,626	423,397	22,070	47,311	83,967	1,199
Missouri.....	127,625	1,293,032	69,829	135,553	71,164	3,464
Montana.....	21,002	209,806	13,911	27,457	18,766	462
Nebraska.....	47,105	444,970	33,853	51,661	44,418	11,553
Nevada.....	25,243	426,221	21,958	27,629	28,925	97
New Hampshire.....	6,939	77,092	7,489	13,225	5,830	385
New Jersey.....	216,925	2,193,629	168,760	226,714	202,418	17,638
New Mexico.....	36,623	443,167	31,343	38,919	40,854	1,368
New York.....	375,641	4,077,385	320,862	314,613	305,521	23,109
North Carolina.....	52,894	740,013	38,021	97,629	111,513	5,375
North Dakota.....	11,370	98,326	10,870	14,099	20,580	216
Ohio.....	354,543	3,041,948	183,838	254,991	335,993	7,780
Oklahoma.....	71,762	872,454	45,086	90,284	206,677	2,569
Oregon.....	32,522	456,960	25,465	60,419	90,403	704
Pennsylvania.....	262,494	2,452,524	144,084	215,057	238,220	6,495
Rhode Island.....	18,162	212,777	12,303	21,862	24,472	336
South Carolina.....	25,741	443,093	19,560	50,817	102,929	1,764
South Dakota.....	13,203	130,307	10,422	17,432	6,928	481
Tennessee.....	64,130	867,793	55,117	105,925	138,877	2,394
Texas.....	234,988	3,543,027	216,333	332,077	2,058,755	8,178
Utah.....	58,108	567,786	31,129	40,689	44,162	3,379
Vermont.....	2,631	25,539	3,051	3,928	2,334	30
Virginia.....	73,905	812,866	61,895	78,986	85,264	2,391
Washington.....	61,813	702,701	46,686	75,550	111,159	3,748
West Virginia.....	35,996	362,432	25,913	33,970	57,380	173
Wisconsin.....	135,819	1,361,348	88,729	131,238	155,677	8,346
Wyoming.....	12,999	125,740	10,754	15,907	46,936	194

See footnotes at end of table.

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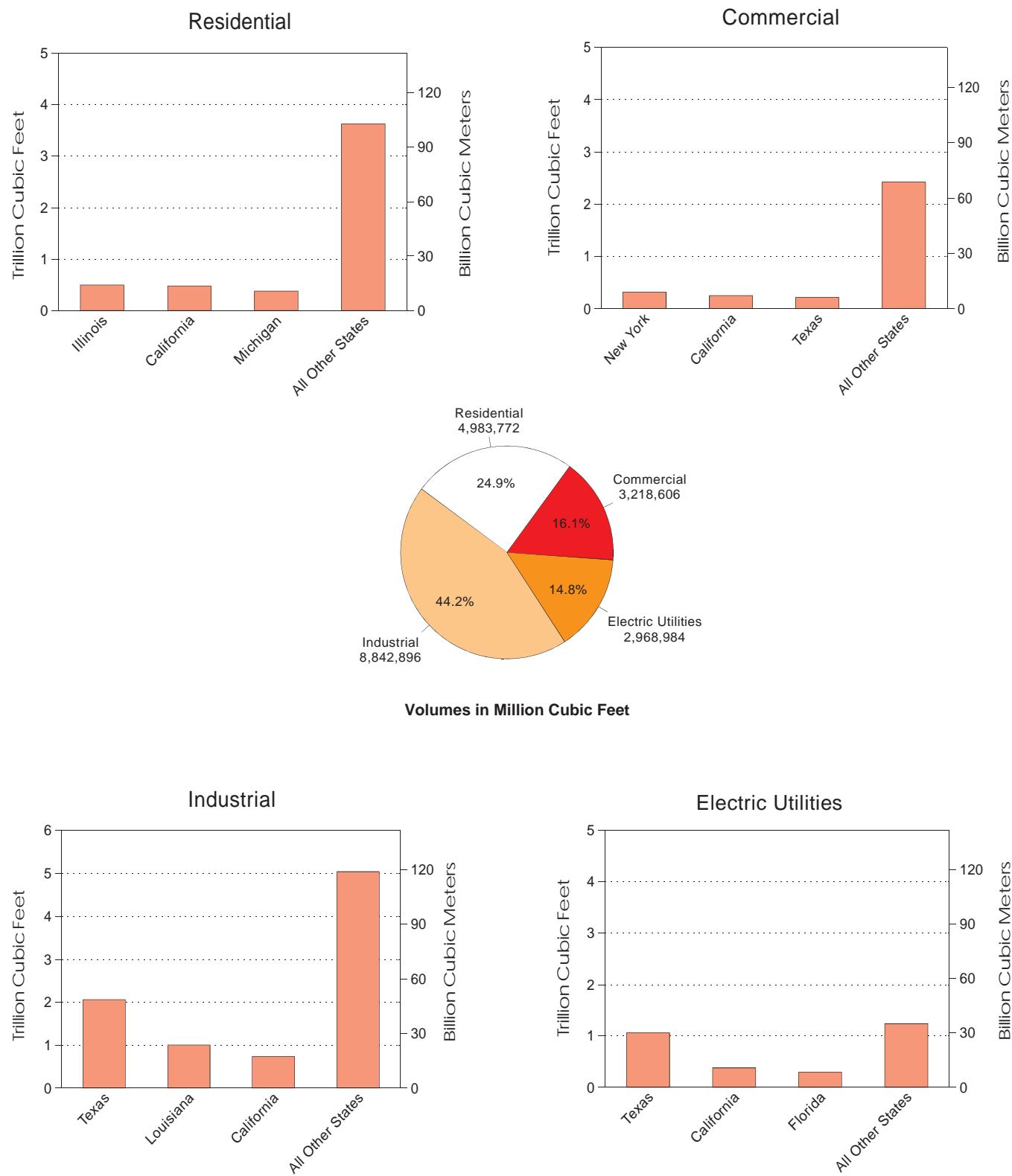
Table 14. Natural Gas Delivered to Consumers by State, 1993-1997 (Continued)

Year and State	Vehicle Fuel	Electric Utilities	Delivered to Consumers	Heating Value (Btu per Cubic Foot)
	Volume (million cubic feet)	Volume (million cubic feet)	Volume (million cubic feet)	
1993 Total	960	2,682,440	18,482,847	1,027
1994 Total	1,741	2,987,146	18,898,635	1,028
1995 Total	2,674	3,196,507	19,660,161	1,027
1996 Total	2,932	2,732,496	20,005,508	1,027
1997 Total	4,424	2,968,984	20,018,683	1,026
Alabama.....	2	9,996	292,093	1,041
Alaska.....	0	33,511	149,165	1,000
Arizona.....	152	23,384	112,589	1,021
Arkansas.....	2	24,802	244,641	1,015
California.....	2,121	377,967	1,850,269	1,018
Colorado.....	13	5,537	263,988	1,012
Connecticut.....	56	16,762	134,557	1,027
D.C.....	6	0	33,824	1,021
Delaware.....	2	16,090	46,477	1,035
Florida.....	64	296,940	477,639	1,048
Georgia	7	7,341	353,699	1,027
Hawaii	0	0	2,611	1,030
Idaho	36	0	61,707	1,031
Illinois.....	21	44,606	1,062,462	1,021
Indiana	60	5,141	546,817	1,011
Iowa	2	4,123	243,476	1,009
Kansas.....	1	25,822	248,562	1,000
Kentucky.....	5	2,194	202,583	1,050
Louisiana	16	277,431	1,360,152	1,118
Maine	0	0	6,247	1,014
Maryland	57	11,004	204,316	1,034
Massachusetts.....	5	51,486	377,908	1,022
Michigan	42	33,288	943,883	1,016
Minnesota	31	6,097	334,571	1,018
Mississippi	3	73,081	206,747	1,034
Missouri	40	7,464	276,123	1,010
Montana	16	420	54,114	1,031
Nebraska	0	2,656	128,031	998
Nevada	65	51,776	127,968	1,027
New Hampshire	0	564	20,822	1,011
New Jersey	1	29,528	617,632	1,035
New Mexico	158	33,376	142,354	1,021
New York	584	217,493	1,220,102	1,026
North Carolina.....	0	4,511	206,939	1,036
North Dakota.....	5	1	42,826	1,050
Ohio	264	3,485	878,123	1,045
Oklahoma	110	128,822	452,457	1,012
Oregon	35	10,686	159,111	1,046
Pennsylvania	50	7,368	652,217	1,035
Rhode Island.....	3	27,162	82,102	1,024
South Carolina	1	2,731	150,961	1,031
South Dakota	5	1,730	32,288	1,018
Tennessee	13	1,635	259,773	1,031
Texas	15	1,056,582	3,566,672	1,028
Utah	128	4,079	137,605	1,042
Vermont	0	36	8,052	1,012
Virginia.....	37	11,571	232,672	1,044
Washington.....	116	2,619	222,392	1,046
West Virginia.....	6	219	119,512	1,068
Wisconsin	55	15,772	396,052	1,011
Wyoming	13	95	70,797	1,069

Notes: Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Form EIA-759, "Monthly Power Plant Report."

Figure 11. Natural Gas Delivered to Consumers in the United States, 1997



Note: Vehicle fuel volume for 1997 was 4,424 million cubic feet.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 15. Natural Gas Delivered to Commercial Consumers for the Account of Others^a by State, 1993-1997
(Million Cubic Feet)

State	1993		1994		1995		1996		1997	
	Delivered for the Account of Others	Percent of Total Commercial Deliveries								
Alabama.....	4,950	19.2	5,043	19.8	5,213	19.9	5,470	18.9	11,432	35.3
Alaska.....	0	—	0	—	5,019	20.1	9,990	36.6	12,241	45.5
Arizona.....	2,336	8.5	2,709	9.3	3,282	11.6	4,309	14.9	4,662	15.5
Arkansas.....	2,393	8.3	1,351	4.9	1,104	4.0	1,550	5.0	1,699	5.8
California.....	57,781	23.1	134,346	51.3	133,483	47.9	106,531	45.3	125,836	49.6
Colorado.....	3,241	4.5	3,403	5.2	3,863	5.8	4,702	6.8	4,998	7.2
Connecticut.....	602	1.9	7,455	19.1	6,836	18.0	5,193	13.1	7,709	18.1
D.C.....	332	2.0	1,343	9.1	3,954	23.2	4,823	29.5	8,122	45.1
Florida.....	911	2.2	861	2.2	988	2.4	1,204	2.9	932	2.5
Georgia.....	5,487	9.5	4,304	8.0	3,663	6.5	3,646	5.9	6,211	10.9
Idaho.....	1,405	13.2	1,427	14.1	1,450	14.0	1,543	13.4	1,593	13.9
Illinois.....	90,812	44.7	93,206	47.2	101,211	49.7	100,495	46.1	92,730	45.7
Indiana.....	3,724	4.8	5,841	7.7	10,149	12.3	3,255	3.7	8,290	10.1
Iowa.....	2,648	5.3	4,597	9.6	5,394	10.7	6,728	12.3	5,934	11.8
Kansas.....	9,729	17.4	11,295	21.6	14,029	26.4	16,200	28.3	12,085	29.3
Kentucky.....	2,809	7.4	3,171	8.6	4,169	10.8	3,773	9.2	3,860	10.0
Louisiana.....	479	1.9	505	2.1	464	1.9	451	1.8	1,048	4.1
Maryland.....	1,497	3.4	1,291	2.9	1,469	3.1	3,734	8.1	16,394	32.9
Massachusetts....	1,625	2.5	20,132	23.8	12,453	15.1	24,311	25.3	39,539	37.4
Michigan.....	56,547	31.4	62,825	34.3	65,266	33.6	66,621	33.1	69,739	36.3
Minnesota.....	2,623	3.0	3,336	4.0	5,696	6.3	3,768	3.8	1,077	1.2
Mississippi.....	647	3.4	647	3.4	615	3.1	585	2.6	1,148	5.2
Missouri.....	10,710	15.4	11,072	16.7	10,880	16.7	12,988	17.8	14,059	20.1
Montana.....	939	6.8	1,070	8.2	1,131	8.4	1,247	8.4	1,181	8.5
Nebraska.....	3,142	9.0	7,726	19.8	9,181	22.9	12,247	30.0	8,738	25.8
Nevada.....	1,283	7.3	3,276	17.5	4,416	23.6	5,272	25.8	6,305	28.7
New Hampshire ..	0	—	0	—	52	0.8	218	3.1	567	7.6
New Jersey.....	10,901	8.5	11,045	8.4	19,074	13.7	40,100	26.7	73,902	43.8
New Mexico.....	10,459	37.5	9,395	37.6	9,520	39.8	9,351	35.3	7,959	25.4
New York.....	50,279	22.8	45,626	20.4	55,135	23.8	58,135	23.0	113,408	35.3
North Carolina.....	561	1.5	1,314	3.4	2,831	7.6	1,409	3.5	2,141	5.6
North Dakota.....	2,908	27.3	2,199	20.4	2,224	19.1	1,454	12.0	1,207	11.1
Ohio.....	25,345	15.5	30,807	18.5	41,569	23.7	53,609	28.2	63,352	34.5
Oklahoma.....	4,095	10.0	4,214	11.5	5,894	14.9	7,165	15.5	8,204	18.2
Oregon.....	504	2.1	430	1.9	419	1.9	431	1.7	378	1.5
Pennsylvania.....	29,758	22.6	35,514	25.6	45,481	31.6	45,809	29.6	52,464	36.4
Rhode Island.....	0	—	0	—	0	—	1,010	8.2	2,405	19.5
South Carolina	132	0.8	265	1.5	688	3.6	199	1.0	235	1.2
South Dakota.....	1,724	16.1	1,124	10.9	1,406	13.2	2,008	17.3	1,742	16.7
Tennessee.....	2,129	4.2	2,992	5.9	3,163	6.2	3,316	5.7	4,312	7.8
Texas.....	28,423	16.2	31,742	17.6	65,911	31.4	29,469	16.5	83,494	38.6
Utah.....	0	—	4,438	16.7	4,892	18.2	5,360	18.1	5,222	16.8
Virginia.....	5,902	11.2	7,039	13.3	9,062	15.9	8,712	14.7	13,705	22.1
Washington.....	2,671	6.1	1,993	4.6	3,514	8.3	6,795	14.1	7,440	15.9
West Virginia.....	11,134	45.7	11,194	44.8	12,536	48.5	12,263	43.8	11,779	45.5
Wisconsin.....	4,312	5.6	5,133	6.5	6,760	8.0	7,848	8.4	15,907	17.9
Wyoming.....	207	2.0	358	3.9	632	6.4	1,370	14.1	1,705	15.9
Total	460,097	16.1	599,058	20.7	706,139	23.3	706,667	22.4	939,086	29.2

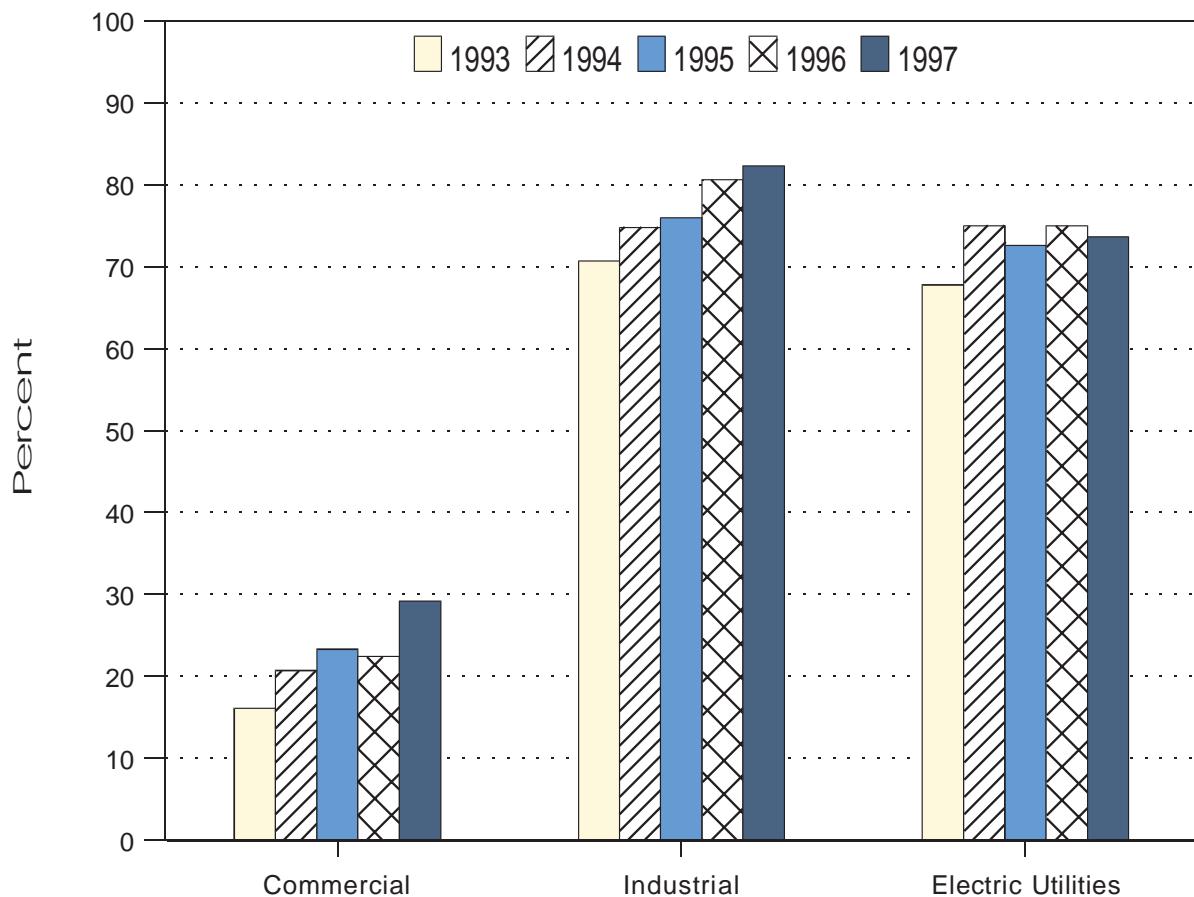
^a These deliveries included quantities covered by long-term contracts and gas involved in short-term or spot market sales.

— = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding. In 1996 and 1997, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Figure 12. Percent of Natural Gas Deliveries in the United States Representing Deliveries for the Account of Others by Consumer Sector, 1993-1997



Note: These deliveries included quantities covered by long-term contracts and gas involved in short-term or spot market sales.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Consumption - Table 16

Table 16. Natural Gas Delivered to Industrial Consumers for the Account of Others^a by State, 1993-1997
 (Million Cubic Feet)

State	1993		1994		1995		1996		1997	
	Delivered for the Account of Others	Percent of Total Industrial Deliveries								
Alabama.....	131,817	72.6	132,073	72.7	156,374	76.6	155,962	77.4	151,727	75.4
Alaska.....	22,258	29.4	25,523	41.6	31,112	47.9	27,026	35.7	1,609	2.2
Arizona.....	15,868	75.0	18,035	69.7	20,825	75.3	21,670	80.3	20,873	74.9
Arkansas.....	102,902	86.2	115,461	86.2	119,716	86.2	122,937	87.0	132,410	89.5
California.....	485,326	73.6	537,503	81.8	604,196	87.8	622,182	89.7	671,397	91.1
Colorado.....	44,465	64.4	51,292	72.1	55,143	76.1	65,641	78.5	56,338	76.4
Connecticut.....	10,164	27.6	1,435	4.7	4,130	12.5	5,008	15.4	11,597	33.6
Delaware.....	4,922	25.3	5,631	32.7	6,281	32.4	8,882	62.7	10,223	69.0
Florida.....	73,610	73.4	106,166	83.7	112,361	84.2	119,191	87.2	117,731	90.0
Georgia.....	112,491	67.2	108,859	62.6	118,125	64.3	123,193	67.8	128,111	73.3
Idaho.....	29,057	99.7	28,932	97.2	33,291	97.8	34,080	98.6	34,311	98.0
Illinois.....	265,110	86.9	267,348	87.6	286,103	89.0	278,262	86.3	281,159	88.5
Indiana.....	210,303	79.9	233,870	86.6	236,435	85.8	241,236	83.4	244,246	84.0
Iowa.....	87,613	85.4	96,016	88.3	104,993	91.2	103,757	91.0	98,195	91.4
Kansas.....	120,962	87.0	175,691	93.5	112,942	87.2	101,877	92.4	101,404	90.5
Kentucky.....	53,163	69.9	57,149	68.8	65,659	72.3	68,850	72.9	77,303	80.8
Louisiana.....	670,825	68.9	759,747	76.0	733,133	70.2	942,276	89.9	903,298	89.9
Maine.....	0	—	0	—	0	—	197	9.0	218	8.6
Maryland.....	38,989	79.8	39,697	83.2	42,475	86.7	44,186	88.3	61,067	92.6
Massachusetts....	65,739	69.4	67,072	72.3	73,793	68.5	74,115	74.1	86,377	79.8
Michigan.....	283,775	90.9	292,945	89.4	296,745	90.9	315,568	90.9	308,012	91.0
Minnesota.....	55,355	56.6	53,928	57.1	69,467	65.4	60,195	58.7	63,995	59.6
Mississippi.....	60,506	60.4	48,154	56.0	48,691	57.6	47,133	58.3	50,692	60.4
Missouri.....	46,608	76.4	56,873	79.4	53,484	77.6	53,656	75.0	55,638	78.2
Montana.....	11,407	89.9	13,395	96.1	17,565	96.9	17,483	96.6	18,193	96.9
Nebraska.....	28,068	72.6	28,971	78.4	37,370	83.5	28,756	79.6	32,405	73.0
Nevada.....	23,660	95.7	28,312	98.1	30,102	98.2	32,073	98.4	28,399	98.2
New Hampshire ..	0	—	225	5.0	1,639	35.6	2,193	44.6	2,987	51.2
New Jersey.....	83,216	44.1	81,222	42.6	98,456	47.1	96,081	47.8	107,183	53.0
New Mexico.....	16,107	94.6	16,884	90.1	19,596	92.9	22,049	96.5	28,662	70.2
New York.....	125,916	78.5	180,002	83.9	240,506	86.3	291,057	90.2	279,409	91.5
North Carolina....	20,068	21.7	38,907	41.0	56,707	53.1	42,287	40.6	60,729	54.5
North Dakota.....	4,570	75.0	4,402	75.3	5,319	81.8	5,813	73.5	16,783	81.6
Ohio.....	270,667	89.8	281,055	90.3	312,067	92.7	321,733	92.7	316,813	94.3
Oklahoma.....	124,925	69.6	148,340	75.7	164,610	84.8	187,816	93.4	197,058	95.3
Oregon.....	43,558	71.9	42,891	68.6	51,352	74.5	71,942	82.0	75,666	83.7
Pennsylvania.....	183,131	75.8	187,980	79.5	209,372	83.8	198,545	81.5	204,331	85.8
Rhode Island.....	41,243	89.6	37,257	91.0	31,211	88.9	21,472	83.1	20,203	82.6
South Carolina....	33,507	35.1	22,755	23.3	18,336	18.6	13,562	14.2	13,525	13.1
South Dakota.....	2,428	48.8	3,449	62.6	5,017	72.4	5,414	75.4	5,257	75.9
Tennessee.....	66,780	53.7	64,615	54.3	65,914	52.4	67,050	53.0	85,683	61.7
Texas.....	1,258,773	66.9	1,321,308	72.2	1,402,017	72.9	1,708,843	79.9	1,703,403	82.7
Utah.....	39,387	93.1	32,238	88.0	37,694	89.0	38,424	91.0	40,234	91.1
Virginia.....	54,791	75.1	67,341	78.5	83,030	85.2	69,163	82.0	74,182	87.0
Washington.....	54,177	58.7	62,877	58.4	73,798	67.1	86,332	75.6	85,079	76.5
West Virginia.....	40,863	86.6	40,684	87.0	44,726	85.6	42,843	85.7	50,353	87.8
Wisconsin.....	72,890	54.4	69,191	51.2	78,008	53.4	95,077	63.6	113,529	72.9
Wyoming.....	52,935	97.6	59,219	97.8	47,467	97.2	48,798	97.1	45,763	97.5
Total	5,644,894	70.7	6,112,919	74.8	6,517,352	76.0	7,151,885	80.6	7,273,764	82.3

^a These deliveries included quantities covered by long-term contracts and gas involved in short-term or spot market sales.

— = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Consumption - Table 17

Table 17. Natural Gas Delivered to Electric Utilities for the Account of Others^a by State, 1993-1997
 (Million Cubic Feet)

State	1993		1994		1995		1996		1997	
	Delivered for the Account of Others	Percent of Total Electric Utility Deliveries								
Alabama.....	2,753	61.0	3,271	89.6	7,441	94.7	5,101	93.0	11,194	95.6
Alaska.....	7,693	28.9	8,368	29.6	8,990	30.3	9,116	29.6	10,972	32.5
Arizona.....	29,866	99.9	33,188	99.9	25,867	99.9	26,662	99.9	31,829	99.4
Arkansas.....	16,528	93.6	18,625	95.9	23,132	96.2	26,442	94.8	20,213	95.9
California.....	342,457	74.1	556,557	93.3	367,940	90.3	263,937	85.8	315,728	86.6
Colorado.....	3,165	66.4	2,685	63.6	554	27.8	3,484	72.8	428	8.7
Connecticut.....	140	36.5	6,941	88.4	16,058	88.1	8,427	83.6	12,677	98.6
Delaware.....	58	0.7	16,120	92.3	21,423	79.5	19,088	86.8	13,697	89.6
Florida.....	177,954	97.9	182,379	98.9	308,563	99.5	269,460	99.6	297,298	99.6
Illinois.....	14,227	91.4	32,064	95.4	35,703	88.1	24,894	86.7	44,010	88.8
Indiana.....	4,204	85.0	7,370	78.3	11,986	89.4	6,373	81.3	7,438	89.7
Iowa.....	1,901	50.6	1,721	69.6	2,157	68.9	2,261	79.3	5,966	90.5
Kansas.....	8,091	57.8	14,617	71.5	16,872	75.9	12,545	92.6	16,887	98.9
Louisiana.....	182,535	82.8	174,324	83.8	239,903	78.0	202,033	89.9	186,028	92.0
Maryland.....	3,034	43.3	4,186	32.5	6,489	39.1	9,518	97.9	10,873	99.7
Massachusetts....	9,725	43.0	29,992	72.5	50,087	75.5	39,460	86.2	44,658	83.2
Michigan.....	16,324	97.6	17,820	97.8	28,369	97.9	26,067	98.5	25,961	97.8
Minnesota.....	1,071	46.4	906	22.7	734	15.9	0	—	0	—
Mississippi.....	26,270	63.4	31,927	94.9	40,663	98.7	57,417	98.8	58,577	99.3
Missouri.....	2,607	51.1	1,246	39.5	5,794	57.6	1,848	65.3	5,132	83.4
Montana.....	155	57.4	139	21.0	250	67.8	301	68.1	304	80.0
Nebraska.....	484	37.7	34	5.5	63	4.7	503	29.6	630	37.8
Nevada.....	21,066	99.9	32,377	100.0	38,533	100.0	47,039	100.0	51,161	100.0
New Jersey.....	3,919	10.0	1,637	4.6	3,725	9.6	12,559	48.5	5,436	24.2
New Mexico.....	20,122	95.9	24,868	93.6	25,751	92.4	13,618	81.6	13,635	86.9
New York.....	15,455	9.2	14,082	8.3	24,175	10.3	4,804	3.4	16,513	8.2
North Carolina.....	1,692	61.7	432	50.8	967	32.0	578	24.4	1,012	22.3
Ohio.....	2,060	75.7	1,626	60.5	4,647	87.3	2,303	85.7	3,414	88.7
Oklahoma.....	145,216	89.7	139,435	88.2	138,365	89.4	125,825	87.7	112,592	85.4
Oregon.....	16,041	100.0	26,310	100.0	19,136	100.0	13,127	100.0	10,446	100.0
Pennsylvania.....	3,264	36.3	8,948	63.2	24,181	94.5	5,056	87.0	5,493	91.0
Rhode Island.....	0	—	0	—	0	—	25,046	100.0	27,298	100.0
South Dakota.....	142	91.9	64	100.0	0	100.0	0	—	0	—
Tennessee.....	1,015	62.5	498	51.3	1,414	66.5	425	61.8	1,906	100.0
Texas.....	544,255	62.7	659,710	66.5	577,894	65.4	578,654	64.4	538,488	62.5
Utah.....	5,004	99.9	7,922	99.6	7,515	99.5	4,006	98.6	3,435	99.0
Virginia.....	25,823	99.9	26,706	99.7	20,462	100.0	14,366	99.8	10,787	99.9
Washington.....	1,195	100.0	2,328	100.0	2,084	100.0	6,589	100.0	2,518	100.0
West Virginia.....	279	100.0	244	100.0	208	100.0	157	100.0	184	100.0
Wisconsin.....	648	18.1	457	8.6	2,188	22.0	2,404	33.1	7,576	46.9
Total	1,658,438	67.8	2,092,124	75.0	2,110,284	72.6	1,871,496	75.0	1,932,394	73.7

^a These deliveries included quantities covered by long-term contracts and gas involved in short-term or spot market sales.
 — = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding.
Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 18. Firm Natural Gas Deliveries to Consumers by State, 1997
(Million Cubic Feet)

State	Residential	Commercial	Industrial	Vehicle Fuel	Electric Utilities	Total
Alabama	48,496	23,122	123,218	2	3,850	198,689
Alaska	15,146	26,908	71,991	0	33,754	147,799
Arizona	31,057	30,022	27,392	152	31,972	120,596
Arkansas	42,428	25,142	128,566	1	15,926	212,062
California	478,904	212,897	436,602	2,121	11,167	1,141,690
Colorado	115,583	65,817	29,472	8	4,374	215,254
Connecticut	40,294	26,213	16,137	28	10,135	92,807
D.C.	15,807	6,487	0	0	0	22,293
Delaware	8,972	6,608	13,605	2	14,877	44,064
Florida	13,117	35,589	41,987	64	254,562	345,320
Georgia	114,383	45,039	34,768	7	6,800	200,997
Hawaii	517	1,751	68	0	0	2,336
Idaho	15,239	11,372	23,340	36	0	49,987
Illinois	497,230	202,509	303,236	21	49,475	1,052,471
Indiana	169,140	72,792	70,885	60	2,051	314,928
Iowa	81,696	45,818	82,638	2	6,483	216,638
Kansas	69,415	31,283	49,647	1	10,001	160,347
Kentucky	66,033	35,015	55,068	5	797	156,918
Louisiana	52,709	18,576	576,270	16	124,653	772,225
Maine	1,009	2,713	1,835	0	0	5,557
Maryland	77,500	31,319	19,245	33	2,657	130,753
Massachusetts	112,308	74,822	77,970	1	43,215	308,316
Michigan	379,838	192,218	337,318	42	26,493	935,909
Minnesota	128,806	64,568	46,258	8	2,145	241,786
Mississippi	27,626	20,225	47,432	0	15,449	110,732
Missouri	127,625	67,793	62,257	40	5,161	262,876
Montana	21,002	13,555	8,998	15	76	43,646
Nebraska	47,105	28,808	15,388	0	103	91,403
Nevada	25,243	21,527	28,925	60	48,980	124,735
New Hampshire	6,939	7,489	3,568	0	0	17,996
New Jersey	216,925	127,356	80,006	1	15,065	439,353
New Mexico	36,623	27,193	37,400	158	14,383	115,758
New York	372,264	229,873	255,078	584	32,682	890,481
North Carolina	52,894	35,875	27,318	0	43	116,131
North Dakota	11,370	8,627	11,752	5	1	31,755
Ohio	354,543	179,869	292,384	264	2,024	829,084
Oklahoma	71,762	43,257	110,639	110	114,713	340,480
Oregon	32,522	25,087	48,360	35	10,446	116,451
Pennsylvania	262,494	129,248	176,010	34	1,333	569,119
Rhode Island	18,162	12,272	23,613	3	27,298	81,347
South Carolina	25,741	15,421	18,483	1	0	59,646
South Dakota	13,203	9,663	2,885	5	0	25,756
Tennessee	64,130	48,995	63,370	13	0	176,508
Texas	234,988	204,671	1,177,378	14	478,433	2,095,482
Utah	58,108	24,442	16,272	127	2,190	101,139
Vermont	2,631	3,051	159	0	0	5,841
Virginia	73,905	44,941	54,843	21	8,161	181,872
Washington	61,813	35,768	87,356	16	2,518	187,471
West Virginia	35,996	7,032	21,849	5	184	65,066
Wisconsin	135,819	84,179	50,470	35	11,232	281,735
Wyoming	12,999	10,033	16,460	12	25	39,530
Total.....	4,980,060	2,754,852	5,306,167	4,168	1,445,885	14,491,132

Notes: Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Consumption - Table 19

Table 19. Interruptible Natural Gas Deliveries to Consumers by State, 1997
 (Million Cubic Feet)

State	Residential	Commercial	Industrial	Vehicle Fuel	Electric Utilities	Total
Alabama	0	9,237	78,021	0	7,866	95,124
Alaska	0	0	1,609	0	0	1,609
Arizona	0	110	471	0	47	628
Arkansas	0	4,299	19,403	1	5,151	28,854
California	0	41,026	300,752	0	353,479	695,257
Colorado	0	3,257	44,309	5	558	48,129
Connecticut	268	16,411	18,418	28	2,723	37,847
D.C.	0	11,525	0	6	0	11,531
Delaware	0	0	1,200	0	408	1,609
Florida	0	1,111	88,829	0	43,810	133,750
Georgia	0	12,181	139,980	0	0	152,161
Hawaii	0	0	274	0	0	274
Idaho	0	61	11,659	0	0	11,720
Illinois	0	341	14,518	0	101	14,960
Indiana	0	8,961	219,838	0	6,243	235,042
Iowa	0	4,373	24,824	0	111	29,309
Kansas	0	9,953	62,441	1	7,074	79,470
Kentucky	0	3,612	40,656	0	3	44,270
Louisiana	0	7,037	428,113	0	77,548	512,699
Maine	0	0	690	0	0	690
Maryland	0	18,482	46,709	24	8,254	73,469
Massachusetts	0	30,991	30,325	4	10,476	71,797
Michigan	0	40	1,139	0	45	1,223
Minnesota	66	27,664	61,080	23	1,972	90,805
Mississippi	0	1,845	36,535	3	43,555	81,938
Missouri	0	2,036	8,908	0	990	11,934
Montana	0	356	9,768	1	304	10,428
Nebraska	0	5,045	29,030	0	1,562	35,637
Nevada	0	431	0	5	2,181	2,618
New Hampshire	0	0	2,263	0	0	2,263
New Jersey	0	41,404	122,412	0	7,442	171,258
New Mexico	0	4,150	3,454	0	1,308	8,912
New York	3,378	90,989	50,443	0	169,272	314,082
North Carolina	0	2,146	84,195	0	4,492	90,833
North Dakota	0	2,243	8,828	0	0	11,071
Ohio	0	3,969	43,609	0	1,826	49,404
Oklahoma	0	1,829	96,039	0	17,164	115,032
Oregon	0	378	42,042	0	0	42,420
Pennsylvania	0	14,836	62,210	16	4,701	81,764
Rhode Island	0	31	859	0	0	890
South Carolina	0	4,139	84,446	0	2,709	91,294
South Dakota	0	759	4,043	0	0	4,802
Tennessee	0	6,122	75,507	0	1,906	83,535
Texas	0	11,662	881,377	1	383,483	1,276,523
Utah	0	6,687	27,890	1	1,279	35,857
Vermont	0	0	2,176	0	35	2,211
Virginia	0	16,954	30,421	16	2,642	50,033
Washington	0	10,918	23,803	100	0	34,821
West Virginia	0	18,881	35,530	1	0	54,412
Wisconsin	0	4,549	105,207	20	4,909	114,686
Wyoming	0	721	30,476	1	0	31,197
Total.....	3,712	463,753	3,536,729	257	1,177,631	5,182,082

Notes: Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 20. Natural Gas Deliveries to Commercial Consumers by State, 1997
(Million Cubic Feet)

State	Firm			Interruptible			Total Volume
	Sales Volume	Transported Volume	Total Volume	Sales Volume	Transported Volume	Total Volume	
Alabama.....	20,350	2,773	23,122	578	8,659	9,237	32,360
Alaska.....	14,668	12,241	26,908	0	0	0	26,908
Arizona.....	25,360	4,662	30,022	110	0	110	30,132
Arkansas.....	23,448	1,694	25,142	4,294	5	4,299	29,441
California.....	124,735	88,162	212,897	3,352	37,674	41,026	253,923
Colorado	63,018	2,799	65,817	1,058	2,200	3,257	69,074
Connecticut.....	22,959	3,254	26,213	11,956	4,455	16,411	42,624
D.C.....	6,487	0	6,487	3,404	8,122	11,525	18,012
Delaware.....	6,608	0	6,608	0	0	0	6,608
Florida	35,146	443	35,589	622	488	1,111	36,700
Georgia	45,039	0	45,039	5,970	6,211	12,181	57,220
Hawaii	1,751	0	1,751	0	0	0	1,751
Idaho.....	9,839	1,533	11,372	0	61	61	11,433
Illinois.....	110,046	92,463	202,509	74	267	341	202,850
Indiana	70,123	2,669	72,792	3,340	5,621	8,961	81,753
Iowa	41,724	4,094	45,818	2,533	1,840	4,373	50,191
Kansas.....	28,150	3,133	31,283	1,001	8,952	9,953	41,236
Kentucky.....	33,325	1,691	35,015	1,442	2,170	3,612	38,627
Louisiana.....	18,447	129	18,576	6,118	919	7,037	25,613
Maine	2,713	0	2,713	0	0	0	2,713
Maryland	28,394	2,925	31,319	5,014	13,469	18,482	49,802
Massachusetts.....	61,058	13,764	74,822	5,217	25,775	30,991	105,813
Michigan.....	122,479	69,739	192,218	40	0	40	192,258
Minnesota.....	64,174	394	64,568	26,981	683	27,664	92,232
Mississippi.....	19,187	1,037	20,225	1,734	111	1,845	22,070
Missouri.....	54,250	13,543	67,793	1,521	516	2,036	69,829
Montana.....	12,673	882	13,555	57	299	356	13,911
Nebraska.....	20,373	8,435	28,808	4,742	302	5,045	33,853
Nevada.....	15,653	5,874	21,527	0	431	431	21,958
New Hampshire	6,922	567	7,489	0	0	0	7,489
New Jersey	65,214	62,143	127,356	29,644	11,759	41,404	168,760
New Mexico	19,246	7,947	27,193	4,138	12	4,150	31,343
New York	168,516	61,357	229,873	38,939	52,050	90,989	320,862
North Carolina.....	35,408	468	35,875	473	1,673	2,146	38,021
North Dakota.....	8,627	0	8,627	1,037	1,207	2,243	10,870
Ohio	120,378	59,491	179,869	109	3,861	3,969	183,838
Oklahoma.....	35,844	7,413	43,257	1,038	791	1,829	45,086
Oregon.....	25,087	0	25,087	0	378	378	25,465
Pennsylvania.....	85,000	44,248	129,248	6,620	8,217	14,836	144,084
Rhode Island.....	9,867	2,405	12,272	31	0	31	12,303
South Carolina	15,186	235	15,421	4,139	0	4,139	19,560
South Dakota	8,178	1,485	9,663	502	257	759	10,422
Tennessee	46,931	2,064	48,995	3,875	2,247	6,122	55,117
Texas	127,631	77,040	204,671	5,208	6,454	11,662	216,333
Utah	23,980	462	24,442	1,927	4,760	6,687	31,129
Vermont	3,051	0	3,051	0	0	0	3,051
Virginia.....	40,852	4,090	44,941	7,339	9,615	16,954	61,895
Washington.....	34,834	934	35,768	4,412	6,506	10,918	46,686
West Virginia.....	6,032	999	7,032	8,101	10,780	18,881	25,913
Wisconsin.....	69,249	14,930	84,179	3,573	977	4,549	88,729
Wyoming	8,404	1,629	10,033	646	75	721	10,754
Total	2,066,613	688,239	2,754,852	212,907	250,847	463,753	3,218,606

Notes: Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 21. Natural Gas Deliveries to Industrial Consumers by State, 1997
(Million Cubic Feet)

State	Firm			Interruptible			Total Volume
	Sales Volume	Transported Volume	Total Volume	Sales Volume	Transported Volume	Total Volume	
Alabama.....	25,899	97,319	123,218	23,613	54,408	78,021	201,240
Alaska.....	71,991	0	71,991	0	1,609	1,609	73,599
Arizona.....	6,603	20,790	27,392	388	83	471	27,864
Arkansas.....	8,736	119,830	128,566	6,823	12,580	19,403	147,969
California.....	55,348	381,254	436,602	10,610	290,143	300,752	737,354
Colorado	2,732	26,740	29,472	14,711	29,598	44,309	73,781
Connecticut.....	11,128	5,009	16,137	11,830	6,588	18,418	34,554
Delaware.....	3,383	10,223	13,605	1,200	0	1,200	14,805
Florida.....	5,537	36,450	41,987	7,549	81,281	88,829	130,816
Georgia	13,878	20,890	34,768	32,758	107,221	139,980	174,747
Hawaii	68	0	68	274	0	274	342
Idaho.....	659	22,681	23,340	29	11,631	11,659	34,999
Illinois.....	33,312	269,924	303,236	3,283	11,235	14,518	317,755
Indiana.....	31,768	39,117	70,885	14,709	205,129	219,838	290,723
Iowa	5,457	77,181	82,638	3,810	21,014	24,824	107,463
Kansas	8,544	41,104	49,647	2,141	60,301	62,441	112,089
Kentucky.....	14,393	40,675	55,068	4,028	36,628	40,656	95,724
Louisiana.....	41,880	534,389	576,270	59,205	368,909	428,113	1,004,383
Maine	1,617	218	1,835	690	0	690	2,525
Maryland	520	18,724	19,245	4,367	42,343	46,709	65,954
Massachusetts.....	15,599	62,371	77,970	6,319	24,006	30,325	108,295
Michigan.....	29,514	307,804	337,318	931	208	1,139	338,456
Minnesota	5,199	41,059	46,258	38,145	22,935	61,080	107,338
Mississippi.....	15,947	31,486	47,432	17,328	19,207	36,535	83,967
Missouri.....	10,941	51,316	62,257	4,585	4,322	8,908	71,164
Montana.....	573	8,426	8,998	0	9,768	9,768	18,766
Nebraska.....	8,158	7,229	15,388	3,854	25,176	29,030	44,418
Nevada.....	526	28,399	28,925	0	0	0	28,925
New Hampshire	1,330	2,238	3,568	1,514	748	2,263	5,830
New Jersey	8,743	71,263	80,006	86,491	35,921	122,412	202,418
New Mexico	12,191	25,209	37,400	0	3,454	3,454	40,854
New York.....	18,546	236,532	255,078	7,566	42,877	50,443	305,521
North Carolina.....	15,621	11,696	27,318	35,162	49,033	84,195	111,513
North Dakota.....	232	11,520	11,752	3,565	5,263	8,828	20,580
Ohio	18,989	273,395	292,384	190	43,418	43,609	335,993
Oklahoma.....	5,293	105,346	110,639	4,327	91,712	96,039	206,677
Oregon.....	9,933	38,427	48,360	4,803	37,240	42,042	90,403
Pennsylvania.....	26,800	149,209	176,010	7,088	55,122	62,210	238,220
Rhode Island.....	3,410	20,203	23,613	859	0	859	24,472
South Carolina	13,793	4,690	18,483	75,611	8,835	84,446	102,929
South Dakota	992	1,894	2,885	679	3,364	4,043	6,928
Tennessee	23,635	39,735	63,370	29,560	45,948	75,507	138,877
Texas	344,950	832,428	1,177,378	10,402	870,975	881,377	2,058,755
Utah	1,473	14,799	16,272	2,455	25,436	27,890	44,162
Vermont	159	0	159	2,176	0	2,176	2,334
Virginia	4,786	50,057	54,843	6,297	24,125	30,421	85,264
Washington.....	23,634	63,722	87,356	2,446	21,357	23,803	111,159
West Virginia.....	6,788	15,061	21,849	238	35,292	35,530	57,380
Wisconsin.....	22,856	27,614	50,470	19,291	85,916	105,207	155,677
Wyoming	630	15,831	16,460	543	29,932	30,476	46,936
Total	994,692	4,311,475	5,306,167	574,441	2,962,289	3,536,729	8,842,896

Notes: Totals may not equal sum of components due to independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 22. Natural Gas Deliveries to Electric Utilities by State, 1997
(Million Cubic Feet)

State	Firm			Interruptible			Total Volume
	Sales Volume	Transported Volume	Total Volume	Sales Volume	Transported Volume	Total Volume	
Alabama.....	0	3,850	3,850	521	7,345	7,866	11,716
Alaska.....	22,782	10,972	33,754	0	0	0	33,754
Arizona.....	190	31,782	31,972	0	47	47	32,019
Arkansas.....	864	15,062	15,926	0	5,151	5,151	21,077
California.....	65	11,102	11,167	48,853	304,626	353,479	364,645
Colorado.....	4,374	0	4,374	130	428	558	4,932
Connecticut.....	0	10,135	10,135	181	2,542	2,723	12,859
Delaware.....	1,179	13,697	14,877	408	0	408	15,285
Florida.....	663	253,898	254,562	410	43,400	43,810	298,371
Georgia.....	6,800	0	6,800	0	0	0	6,800
Illinois.....	5,563	43,912	49,475	3	98	101	49,576
Indiana.....	857	1,195	2,051	0	6,243	6,243	8,294
Iowa.....	576	5,906	6,483	51	60	111	6,594
Kansas.....	188	9,813	10,001	0	7,074	7,074	17,075
Kentucky.....	797	0	797	3	0	3	799
Louisiana.....	8,619	116,035	124,653	7,555	69,993	77,548	202,201
Maryland.....	0	2,657	2,657	37	8,216	8,254	10,910
Massachusetts.....	1,309	41,906	43,215	7,724	2,752	10,476	53,691
Michigan.....	532	25,961	26,493	45	0	45	26,538
Minnesota.....	2,145	0	2,145	1,972	0	1,972	4,117
Mississippi.....	427	15,022	15,449	0	43,555	43,555	59,004
Missouri.....	29	5,132	5,161	990	0	990	6,152
Montana.....	76	0	76	0	304	304	380
Nebraska.....	103	0	103	933	630	1,562	1,665
Nevada.....	0	48,980	48,980	0	2,181	2,181	51,161
New Jersey.....	14,297	768	15,065	2,773	4,669	7,442	22,506
New Mexico.....	2,056	12,327	14,383	0	1,308	1,308	15,692
New York.....	16,168	16,513	32,682	169,272	0	169,272	201,954
North Carolina.....	43	0	43	3,481	1,012	4,492	4,535
North Dakota.....	1	0	1	0	0	0	1
Ohio.....	391	1,633	2,024	45	1,781	1,826	3,850
Oklahoma.....	2,130	112,583	114,713	17,156	9	17,164	131,877
Oregon.....	0	10,446	10,446	0	0	0	10,446
Pennsylvania.....	433	900	1,333	108	4,592	4,701	6,034
Rhode Island.....	0	27,298	27,298	0	0	0	27,298
South Carolina	0	0	0	2,709	0	2,709	2,709
Tennessee	0	0	0	0	1,906	1,906	1,906
Texas.....	316,465	161,968	478,433	6,962	376,521	383,483	861,916
Utah.....	0	2,190	2,190	34	1,245	1,279	3,469
Vermont.....	0	0	0	35	0	35	35
Virginia.....	0	8,161	8,161	16	2,626	2,642	10,803
Washington.....	0	2,518	2,518	0	0	0	2,518
West Virginia.....	0	184	184	0	0	0	184
Wisconsin.....	3,655	7,576	11,232	4,909	0	4,909	16,141
Wyoming.....	25	0	25	0	0	0	25
Total	413,803	1,032,082	1,445,885	277,319	900,312	1,177,631	2,623,516

Notes: Deliveries to electric utilities are reported on Form EIA-759, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two

forms. Totals may not equal sum of the components due to independent rounding.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."