

Table 6.5 Natural Gas Consumption by Sector, Selected Years, 1949-2003
(Billion Cubic Feet)

Year	End-Use Sectors												Electric Power Sector ¹			Total	
	Residential	Commercial			Lease and Plant Fuel	Industrial			Total	Transportation			Total	Electricity Only	CHP		Total
		CHP ²	Other ³	Total		Other Industrial				Pipeline Fuel ⁶	Vehicle Fuel	Total					
						CHP ⁴	Non-CHP ⁵	Total									
1949	993	(7)	348	348	835	(8)	2,245	2,245	3,081	NA	NA	NA	4,421	550	NA	550	4,971
1950	1,198	(7)	388	388	928	(8)	2,498	2,498	3,426	126	NA	126	5,138	629	NA	629	5,767
1955	2,124	(7)	629	629	1,131	(8)	3,411	3,411	4,542	245	NA	245	7,540	1,153	NA	1,153	8,694
1960	3,103	(7)	1,020	1,020	1,237	(8)	4,535	4,535	5,771	347	NA	347	10,242	1,725	NA	1,725	11,967
1965	3,903	(7)	1,444	1,444	1,156	(8)	5,955	5,955	7,112	501	NA	501	12,959	2,321	NA	2,321	15,280
1970	4,837	(7)	2,399	2,399	1,399	(8)	7,851	7,851	9,249	722	NA	722	17,208	3,932	NA	3,932	21,139
1971	4,972	(7)	2,509	2,509	1,414	(8)	8,181	8,181	9,594	743	NA	743	17,817	3,976	NA	3,976	21,793
1972	5,126	(7)	2,608	2,608	1,456	(8)	8,169	8,169	9,624	766	NA	766	18,125	3,977	NA	3,977	22,101
1973	4,879	(7)	2,597	2,597	1,496	(8)	8,689	8,689	10,185	728	NA	728	18,389	3,660	NA	3,660	22,049
1974	4,786	(7)	2,556	2,556	1,477	(8)	8,292	8,292	9,769	669	NA	669	17,780	3,443	NA	3,443	21,223
1975	4,924	(7)	2,508	2,508	1,396	(8)	6,968	6,968	8,365	583	NA	583	16,380	3,158	NA	3,158	19,538
1976	5,051	(7)	2,668	2,668	1,634	(8)	6,964	6,964	8,598	548	NA	548	16,866	3,081	NA	3,081	19,946
1977	4,821	(7)	2,501	2,501	1,659	(8)	6,815	6,815	8,474	533	NA	533	16,329	3,191	NA	3,191	19,521
1978	4,903	(7)	2,601	2,601	1,648	(8)	6,757	6,757	8,405	530	NA	530	16,439	3,188	NA	3,188	19,627
1979	4,965	(7)	2,786	2,786	1,499	(8)	6,899	6,899	8,398	601	NA	601	16,750	3,491	NA	3,491	20,241
1980	4,752	(7)	2,611	2,611	1,026	(8)	7,172	7,172	8,198	635	NA	635	16,196	3,682	NA	3,682	19,877
1981	4,546	(7)	2,520	2,520	928	(8)	7,128	7,128	8,055	642	NA	642	15,764	3,640	NA	3,640	19,404
1982	4,633	(7)	2,606	2,606	1,109	(8)	5,831	5,831	6,941	596	NA	596	14,776	3,226	NA	3,226	18,001
1983	4,381	(7)	2,433	2,433	978	(8)	5,643	5,643	6,621	490	NA	490	13,924	2,911	NA	2,911	16,835
1984	4,555	(7)	2,524	2,524	1,077	(8)	6,154	6,154	7,231	529	NA	529	14,839	3,111	NA	3,111	17,951
1985	4,433	(7)	2,432	2,432	966	(8)	5,901	5,901	6,867	504	NA	504	14,237	3,044	NA	3,044	17,281
1986	4,314	(7)	2,318	2,318	923	(8)	5,579	5,579	6,502	485	NA	485	13,619	2,602	NA	2,602	16,221
1987	4,315	(7)	2,430	2,430	1,149	(8)	5,953	5,953	7,103	519	NA	519	14,367	2,844	NA	2,844	17,211
1988	4,630	(7)	2,670	2,670	1,096	(8)	6,383	6,383	7,479	614	NA	614	15,394	2,636	NA	2,636	18,030
1989	4,781	30	2,688	2,718	1,070	914	⁹⁵ 5,903	⁹⁶ 6,816	7,886	629	NA	629	16,014	⁹² 2,791	⁹³ 315	⁹³ 3,105	⁹¹ 19,119
1990	4,391	46	2,576	2,623	1,236	1,055	⁹⁵ 5,963	⁹⁷ 7,018	8,255	660	(s)	660	15,929	⁹² 2,794	⁹⁴ 51	⁹³ 3,245	⁹¹ 19,174
1991	4,556	52	2,676	2,729	1,129	1,061	⁹⁶ 6,170	⁹⁷ 7,231	8,360	601	(s)	602	16,246	⁹² 2,822	⁹⁴ 94	⁹³ 3,316	⁹¹ 19,562
1992	4,690	62	2,740	2,803	1,171	⁹¹ 1,107	⁹⁶ 6,420	⁹⁷ 7,527	8,698	588	2	590	16,578	⁹² 2,829	⁹⁶ 19	⁹³ 3,448	⁹² 20,228
1993	4,956	65	2,796	2,862	1,172	⁹¹ 1,124	⁹⁶ 6,576	7,700	8,872	624	3	627	17,317	2,755	718	3,473	20,790
1994	4,848	72	2,823	2,895	1,124	⁹¹ 1,176	⁹⁶ 6,613	7,790	8,913	685	3	689	17,345	3,065	838	3,903	21,247
1995	4,850	78	2,953	3,031	1,220	⁹¹ 1,258	⁹⁶ 6,906	8,164	9,384	700	5	705	17,970	3,288	949	4,237	22,207
1996	5,241	82	3,076	3,158	1,250	1,289	7,146	8,435	9,685	711	6	718	18,802	2,824	983	3,807	22,609
1997	4,984	87	3,128	3,215	1,203	1,282	7,229	8,511	9,714	751	8	760	18,673	3,039	1,026	4,065	22,737
1998	4,520	87	2,912	2,999	1,173	1,355	6,965	8,320	9,493	635	9	645	17,658	3,544	1,044	4,588	22,246
1999	4,726	84	2,961	3,045	1,079	1,401	6,678	8,079	9,158	645	¹⁰¹ 2	657	17,586	3,729	1,090	4,820	22,405
2000	4,996	85	^{R3} 3,098	^{R3} 3,182	1,151	1,386	6,757	8,142	9,293	642	¹⁰¹ 3	655	^{R18} 18,127	4,093	1,114	5,206	^{R23} 3,333
2001	^{R4} 4,771	79	^{R2} 2,944	^{R3} 3,023	^{R1} 1,119	1,310	^{R6} 6,035	^{R7} 7,344	^{R8} 8,463	^{R6} 625	¹⁰¹ 5	^{R6} 640	^{R16} 16,896	4,164	^{R1} 1,178	5,342	^{R22} 2,239
2002	^{R4} 4,890	^{R7} 4	3,029	^{R3} 3,103	^{R1} 1,114	^{R1} 1,240	^{R6} 6,316	^{R7} 7,557	^{R8} 8,671	^{R6} 667	¹⁰¹ 5	^{R6} 682	^{R17} 17,346	^{R4} 4,258	^{R1} 1,413	^{R5} 5,672	^{R23} 3,018
2003 ^P	5,101	71	3,058	3,129	1,123	1,138	5,829	6,967	8,090	635	¹⁰¹ 5	650	16,970	3,611	1,313	4,924	21,894

¹ Electricity-only and combined-heat-and-power (CHP) plants within the NAICS (North American Industry Classification System) 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 1988, data are for electric utilities only; beginning in 1989, data are for electric utilities and independent power producers. Electric utility CHP plants are included in "Electricity Only."

² Commercial combined-heat-and-power and a small number of commercial electricity-only plants.

³ All commercial sector fuel use other than that in "Commercial CHP."

⁴ Industrial combined-heat-and-power (CHP) and a small number of industrial electricity-only plants.

⁵ All industrial sector fuel use other than that in "Lease and Plant Fuel" and "Industrial CHP."

⁶ Natural gas consumed in the operation of pipelines, primarily in compressors.

⁷ Included in "Commercial Other."

⁸ Included in "Industrial Non-CHP."

⁹ For 1989-1992, a small amount of consumption at independent power producers may be counted in both "Other Industrial" and "Electric Power Sector." See Note 1, "Natural Gas Deliveries to Nonutilities, 1989-1992" at end of section.

¹⁰ For 1999 forward, vehicle fuel data do not reflect revised data shown in Table 10.7. These revisions, in million cubic feet, are: 1999—10,313; 2000—11,365; 2001—13,646; 2002—15,657; and 2003—18,339.

R=Revised. P=Preliminary. NA=Not available. (s)=Less than 0.5 billion cubic feet.

Notes: • Data are for natural gas, plus a small amount of supplemental gaseous fuels that cannot be identified separately. • See Tables 8.5a-8.5d for the amount of natural gas used to produce electricity and

Tables 8.6a-8.6c for the amount of natural gas used to produce useful thermal output. • See Note 2, "Natural Gas Consumption," at end of section. • Beginning with 1965, all volumes are shown on a pressure base of 14.73 p.s.i.a. at 60° F. For prior years, the pressure base was 14.65 p.s.i.a. at 60° F. • Totals may not equal sum of components due to independent rounding.

Web Pages: • For data not shown for 1951-1969, see <http://www.eia.doe.gov/emeu/aer/hatgas.html>. • For related information, see http://www.eia.doe.gov/oil_gas/natural_gas/info_glance/natural_gas.html.

Sources: **Residential, Commercial Total, Lease and Plant Fuel, and Pipeline Fuel:** • 1949-1997—Energy Information Administration (EIA), *Natural Gas Annual (NGA) 2000* (November 2001), Table 95 • 1998 forward—EIA, *Natural Gas Monthly (NGM)* (March 2004), Table 3. **Other Industrial Total:** • 1949-1992—EIA, *NGA 2000* (November 2001), Table 95. • 1993-1996—EIA, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." • 1997—EIA, *NGM* (May 2003), Table 3. • 1998 forward—EIA, *NGM* (March 2004), Table 3. **Vehicle Fuel:** • 1990 and 1991—EIA, *NGA 2000* (November 2001), Table 95. • 1992-1995—Science Applications International Corporation, "Alternative Transportation Fuels and Vehicles Data Development," unpublished final report prepared for EIA (McLean, VA, July 1996) and U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy. • 1996—EIA, Office of Coal, Nuclear, Electric, and Alternate Fuels. • 1997—EIA, *NGM* (May 2003), Table 3. • 1998 forward—EIA, *NGM* (March 2004), Table 3. **Commercial CHP and Industrial CHP:** Table 8.7c. **Electric Power Sector:** Tables 8.5b, 8.5c, 8.6b, and 8.7b. **All Other Data:** Calculated.