

Table 6.5 Natural Gas Consumption by Sector, Selected Years, 1949-2011
(Billion Cubic Feet)

Year	Residential Sector	Commercial Sector			Industrial Sector				Transportation Sector			Electric Power Sector ¹			Total	
		CHP ²	Other ³	Total	Lease and Plant Fuel	Other Industrial			Total	Pipelines and Distribution ⁶	Vehicle Fuel ⁸	Total	Electricity Only	CHP		Total
						CHP ⁴	Non-CHP ⁵	Total								
1949	993	(⁹)	348	348	835	(¹⁰)	2,245	2,245	3,081	NA	NA	NA	550	NA	550	4,971
1950	1,198	(⁹)	388	388	928	(¹⁰)	2,498	2,498	3,426	126	NA	126	629	NA	629	5,767
1955	2,124	(⁹)	629	629	1,131	(¹⁰)	3,411	3,411	4,542	245	NA	245	1,153	NA	1,153	8,694
1960	3,103	(⁹)	1,020	1,020	1,237	(¹⁰)	4,535	4,535	5,771	347	NA	347	1,725	NA	1,725	11,967
1965	3,903	(⁹)	1,444	1,444	1,156	(¹⁰)	5,955	5,955	7,112	501	NA	501	2,321	NA	2,321	15,280
1970	4,837	(⁹)	2,399	2,399	1,399	(¹⁰)	7,851	7,851	9,249	722	NA	722	3,932	NA	3,932	21,139
1975	4,924	(⁹)	2,508	2,508	1,396	(¹⁰)	6,968	6,968	8,365	583	NA	583	3,158	NA	3,158	19,538
1976	5,051	(⁹)	2,668	2,668	1,634	(¹⁰)	6,964	6,964	8,598	548	NA	548	3,081	NA	3,081	19,946
1977	4,821	(⁹)	2,501	2,501	1,659	(¹⁰)	6,815	6,815	8,474	533	NA	533	3,191	NA	3,191	19,521
1978	4,903	(⁹)	2,601	2,601	1,648	(¹⁰)	6,757	6,757	8,405	530	NA	530	3,188	NA	3,188	19,627
1979	4,965	(⁹)	2,786	2,786	1,499	(¹⁰)	6,899	6,899	8,398	601	NA	601	3,491	NA	3,491	20,241
1980	4,752	(⁹)	2,611	2,611	1,026	(¹⁰)	7,172	7,172	8,198	635	NA	635	3,682	NA	3,682	19,877
1981	4,546	(⁹)	2,520	2,520	928	(¹⁰)	7,128	7,128	8,055	642	NA	642	3,640	NA	3,640	19,404
1982	4,633	(⁹)	2,606	2,606	1,109	(¹⁰)	5,831	5,831	6,941	596	NA	596	3,226	NA	3,226	18,001
1983	4,381	(⁹)	2,433	2,433	978	(¹⁰)	5,643	5,643	6,621	490	NA	490	2,911	NA	2,911	16,835
1984	4,555	(⁹)	2,524	2,524	1,077	(¹⁰)	6,154	6,154	7,231	529	NA	529	3,111	NA	3,111	17,951
1985	4,433	(⁹)	2,432	2,432	966	(¹⁰)	5,901	5,901	6,867	504	NA	504	3,044	NA	3,044	17,281
1986	4,314	(⁹)	2,318	2,318	923	(¹⁰)	5,579	5,579	6,502	485	NA	485	2,602	NA	2,602	16,221
1987	4,315	(⁹)	2,430	2,430	1,149	(¹⁰)	5,953	5,953	7,103	519	NA	519	2,844	NA	2,844	17,211
1988	4,630	(⁹)	2,670	2,670	1,096	(¹⁰)	6,383	6,383	7,479	614	NA	614	2,636	NA	2,636	18,030
1989	4,781	30	2,688	2,718	1,070	914	¹¹ 5,903	¹¹ 6,816	7,886	629	NA	629	¹¹ 2,791	¹¹ 315	¹¹ 3,105	¹¹ 19,119
1990	4,391	46	2,576	2,623	1,236	1,055	¹¹ 5,963	¹¹ 7,018	8,255	660	(s)	660	¹¹ 2,794	¹¹ 451	¹¹ 3,245	¹¹ 19,174
1991	4,556	52	2,676	2,729	1,129	1,061	¹¹ 6,170	¹¹ 7,231	8,360	601	(s)	602	¹¹ 2,822	¹¹ 494	¹¹ 3,316	¹¹ 19,562
1992	4,690	62	2,740	2,803	1,171	1,107	¹¹ 6,420	¹¹ 7,527	8,698	588	2	590	¹¹ 2,829	¹¹ 619	¹¹ 3,448	¹¹ 20,228
1993	4,956	65	2,796	2,862	1,172	1,124	6,576	7,700	8,872	624	3	627	2,755	718	3,473	20,790
1994	4,848	72	2,823	2,895	1,124	1,176	6,613	7,790	8,913	685	3	689	3,065	838	3,903	21,247
1995	4,850	78	2,953	3,031	1,220	1,258	6,906	8,164	9,384	700	5	705	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	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	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	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	12	657	3,729	1,090	4,820	22,405
2000	4,996	85	3,098	3,182	1,151	1,386	6,757	8,142	9,293	642	13	655	4,093	1,114	5,206	23,333
2001	4,771	79	2,944	3,023	1,119	1,310	6,035	7,344	8,463	625	15	640	4,164	1,178	5,342	22,239
2002	4,889	74	3,070	3,144	1,113	1,240	^R 6,287	^R 7,527	^R 8,640	667	15	682	4,258	1,413	5,672	^R 23,027
2003	5,079	58	3,121	3,179	1,122	1,144	6,007	7,150	8,273	591	18	610	3,780	1,355	5,135	22,277
2004	4,869	72	3,057	3,129	1,098	1,191	^R 6,066	^R 7,256	^R 8,354	566	21	587	4,142	1,322	5,464	^R 22,403
2005	4,827	68	2,931	2,999	1,112	1,084	^R 5,518	^R 6,601	^R 7,713	584	23	607	4,592	1,277	5,869	^R 22,014
2006	4,368	68	2,764	2,832	1,142	1,115	^R 5,412	^R 6,527	^R 7,669	584	24	608	5,091	1,131	6,222	^R 21,699
2007	4,722	70	2,943	3,013	1,226	1,050	^R 5,604	^R 6,655	^R 7,881	621	25	646	5,612	1,230	6,841	^R 23,104
2008	4,892	66	3,086	3,153	1,220	955	^R 5,715	^R 6,670	^R 7,890	648	26	674	5,520	1,148	6,668	^R 23,277
2009	^R 4,779	76	3,043	3,119	1,275	990	^R 5,178	6,167	^R 7,443	^R 670	^R 27	^R 697	5,751	1,122	6,873	^R 22,910
2010	^R 4,787	^R 86	^R 3,016	^R 3,102	^R 1,282	^R 1,029	^R 5,488	^R 6,517	^R 7,800	^R 669	^R 31	^R 700	^R 6,239	^R 1,148	^R 7,387	^R 23,775
2011 ^P	4,735	81	3,080	3,161	1,383	1,024	5,746	6,769	8,153	686	33	718	6,440	1,162	7,602	24,369

¹ Electricity-only and combined-heat-and-power (CHP) plants within the NAICS 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 (CHP) 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 Natural gas used as fuel in the delivery of natural gas to consumers.

⁸ Vehicle fuel data do not reflect revised data shown in Table 10.5. See Note 4, "Natural Gas Vehicle Fuel," at end of section.

⁹ Included in "Commercial Other."

¹⁰ Included in "Industrial Non-CHP."

¹¹ 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 3, "Natural Gas Consumption, 1989–1992," at end of section.

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. See Note 1,

"Supplemental Gaseous Fuels," at end of section. • 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: • See <http://www.eia.gov/totalenergy/data/monthly/#naturalgas> for updated monthly and annual data. • See <http://www.eia.gov/totalenergy/data/annual/#naturalgas> for all annual data beginning in 1949. • See <http://www.eia.gov/naturalgas/> for related information.

Sources: **Residential, Commercial Total, Lease and Plant Fuel, Other Industrial Total, and Pipelines and Distribution:** • 1949–2006—U.S. Energy Information Administration (EIA), *Natural Gas Annual (NGA)*, annual reports and unpublished revisions. • 2007 forward—EIA, *Natural Gas Monthly (NGM)* (March 2012), Table 2. **Commercial CHP and Industrial CHP:** Table 8.7c. **Vehicle Fuel:** • 1990 and 1991—EIA, NGA 2000 (November 2001), Table 95. • 1992–1998—EIA, "Alternatives to Traditional Transportation Fuels 1999" (October 1999), Table 10, and "Alternatives to Traditional Transportation Fuels 2003" (February 2004), Table 10. Data for compressed natural gas and liquefied natural gas in gasoline-equivalent gallons were converted to cubic feet by multiplying by the motor gasoline conversion factor (see Table A3) and dividing by the natural gas end-use sectors conversion factor (see Table A4). • 1999–2006—EIA, NGA, annual reports. • 2007 forward—EIA, NGM (March 2012), Table 2. **Electric Power Sector:** Tables 8.5b, 8.5c, 8.6b, and 8.7b. **All Other Data:** Calculated.