

Table 4.3 Natural Gas Consumption by Sector
(Billion Cubic Feet)

	End-Use Sectors											Total
	Residential	Commercial ^a	Lease and Plant Fuel	Industrial			Transportation			Electric Power Sector ^g		
				CHP ^b	Non-CHP ^c	Total	Total	Pipelines ^d and Distribution ^e	Vehicle Fuel		Total	
1950 Total	1,198	388	928	(h)	2,498	2,498	3,426	126	NA	126	629	5,767
1955 Total	2,124	629	1,131	(h)	3,411	3,411	4,542	245	NA	245	1,153	8,694
1960 Total	3,103	1,020	1,237	(h)	4,535	4,535	5,771	347	NA	347	1,725	11,967
1965 Total	3,903	1,444	1,156	(h)	5,955	5,955	7,112	501	NA	501	2,321	15,280
1970 Total	4,837	2,399	1,399	(h)	7,851	7,851	9,249	722	NA	722	3,932	21,139
1975 Total	4,924	2,508	1,396	(h)	6,968	6,968	8,365	583	NA	583	3,158	19,538
1980 Total	4,752	2,611	1,026	(h)	7,172	7,172	8,198	635	NA	635	3,682	19,877
1985 Total	4,433	2,432	966	(h)	5,901	5,901	6,867	504	NA	504	3,044	17,281
1990 Total	4,391	2,623	1,236	1,055	ⁱ 5,963	ⁱ 7,018	8,255	660	(s)	660	^l 3,245	^l 19,174
1995 Total	4,850	3,031	1,220	1,258	6,906	8,164	9,384	700	5	705	4,237	22,207
2000 Total	4,996	3,182	1,151	1,386	6,757	8,142	9,293	642	13	655	5,206	23,333
2001 Total	4,771	3,023	1,119	1,310	6,035	7,344	8,463	625	15	640	5,342	22,239
2002 Total	4,889	3,144	1,113	1,240	6,287	7,527	8,640	667	15	682	5,672	23,027
2003 Total	5,079	3,179	1,122	1,144	6,007	7,150	8,273	591	18	610	5,135	22,277
2004 Total	4,869	3,129	1,098	1,191	6,066	7,256	8,354	566	21	587	5,464	22,403
2005 Total	4,827	2,999	1,112	1,084	5,518	6,601	7,713	584	23	607	5,869	22,014
2006 Total	4,368	2,832	1,142	1,115	5,412	6,527	7,669	584	24	608	6,222	21,699
2007 Total	4,722	3,013	1,226	1,050	5,604	6,655	7,881	621	25	646	6,841	23,104
2008 Total	4,892	3,153	1,220	955	5,715	6,670	7,890	648	26	674	6,668	23,277
2009 Total	4,779	3,119	1,275	990	5,178	6,167	7,443	670	27	697	6,873	22,910
2010 Total	4,782	3,103	1,286	1,029	5,797	6,826	8,112	674	29	703	7,387	24,087
2011 Total	4,714	3,155	1,323	1,063	5,931	6,994	8,317	688	30	718	7,574	24,477
2012 Total	4,150	2,895	1,396	1,149	6,077	7,226	8,622	731	30	761	9,111	25,538
2013 Total	4,897	3,295	1,483	1,170	6,255	7,425	8,909	833	30	863	8,191	26,155
2014 Total	4,087	3,466	1,512	1,145	6,501	7,646	9,158	700	35	735	8,146	26,593
2015 January	938	533	133	103	615	718	851	79	3	82	711	3,115
February	902	517	120	92	567	660	780	74	3	77	648	2,925
March	633	386	134	99	563	662	795	65	3	68	709	2,591
April	319	232	131	93	515	608	739	50	3	53	664	2,008
May	178	161	134	95	508	603	737	46	3	49	734	1,858
June	124	135	129	101	474	575	704	47	3	50	886	1,900
July	108	134	134	109	482	592	726	51	3	54	1,046	2,068
August	103	135	134	110	489	600	734	51	3	54	1,027	2,053
September	108	138	131	102	477	579	710	47	3	50	895	1,901
October	202	195	134	102	511	613	747	49	3	52	792	1,987
November	407	283	129	103	535	639	768	56	3	59	732	2,249
December	591	353	133	110	564	675	808	65	3	68	769	2,588
Total	4,613	3,202	1,576	1,222	6,300	7,522	9,098	678	39	718	9,613	27,244
2016 January	879	503	136	103	617	720	857	80	3	83	774	3,095
February	690	413	129	95	567	662	791	68	3	71	690	2,655
March	455	298	137	99	563	662	799	60	3	63	745	2,359
April	328	233	132	95	525	620	752	53	3	56	719	2,087
May	194	171	136	98	515	612	748	49	3	53	804	1,970
June	123	138	130	101	489	590	720	51	3	54	970	2,004
July	106	134	135	107	509	616	751	55	4	59	1,140	2,191
August	100	140	134	108	519	627	761	56	4	60	1,151	2,213
September	110	142	129	101	502	604	732	49	4	53	915	1,952
October	187	191	132	99	523	622	754	48	4	52	744	1,929
November	380	280	129	99	555	654	782	55	4	58	662	2,163
December	794	462	132	104	629	733	865	74	4	77	671	2,869
Total	4,345	3,105	1,590	1,209	6,513	7,722	9,312	697	42	739	9,985	27,487
2017 January	832	481	E 131	R 107	624	731	861	E 74	E 4	E 77	R 647	2,899
February	R 581	361	E 120	97	548	645	765	E 59	E 3	E 62	R 559	R 2,328
March	582	373	E 133	103	588	691	824	RE 64	E 4	RE 68	R 679	R 2,526
April	281	213	E 129	98	527	625	754	E 49	E 4	E 52	R 624	R 1,924
May	200	179	E 133	99	526	625	758	E 48	E 4	E 52	R 706	R 1,895
June	124	138	E 131	100	511	611	742	RE 48	E 4	E 52	R 854	R 1,910
July	107	134	E 136	107	516	623	759	E 54	E 4	E 58	R 1,074	R 2,133
August	104	139	E 136	103	532	635	771	RE 53	E 4	RE 57	R 1,034	R 2,105
September	115	146	E 134	98	515	613	748	E 49	E 4	RE 52	R 862	R 1,923
October	204	200	E 140	R 100	R 552	R 652	792	E 52	E 4	E 55	R 780	R 2,031
November	467	324	E 139	102	589	691	830	E 60	E 4	E 63	R 663	R 2,347
December	825	488	E 145	113	646	759	905	E 78	E 4	E 82	768	3,067
Total	4,422	3,176	E 1,608	1,226	6,675	7,902	9,510	E 687	E 43	E 731	9,250	27,089

^a All commercial sector fuel use, including that at commercial combined-heat-and-power (CHP) and commercial electricity-only plants. See Table 7.4c for CHP fuel use.

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

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

^d Natural gas consumed in the operation of pipelines, primarily in compressors. Beginning in 2009, includes line loss, which is known volumes of natural gas that are the result of leaks, damage, accidents, migration, and/or blow down.

^e Natural gas used as fuel in the delivery of natural gas to consumers. Beginning in 2009, includes line loss, which is known volumes of natural gas that are the result of leaks, damage, accidents, migration, and/or blow down.

^f The electric power sector comprises 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.

^g Through 1988, data are for electric utilities only. Beginning in 1989, data are for electric utilities and independent power producers.

^h Included in "Non-CHP."

ⁱ 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 7, "Natural Gas Consumption, 1989–1992," at end of section.

R=Revised. E=Estimate. NA=Not available. (s)=Less than 500 million cubic feet.

Notes: • Data are for natural gas, plus a small amount of supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of section.

• See Note 8, "Natural Gas Data Adjustments, 1993–2000," at end of section.

• See Note 2, "Classification of Power Plants Into Energy-Use Sectors," at end of Section 7. • Through 1964, all volumes are shown on a pressure base of 14.65 psia (pounds per square inch absolute) at 60° Fahrenheit; beginning in 1965, the pressure base is 14.73 psia at 60° Fahrenheit. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#naturalgas> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: • Residential, Commercial, Lease and Plant Fuel, Other Industrial Total and Pipelines and Distribution: 1949–2014—U.S. Energy Information Administration (EIA), *Natural Gas Annual (NGA)*, annual reports and unpublished revisions. 2015 forward—EIA, *Natural Gas Monthly (NGM)*, February 2018, Table 2. • Other Industrial CHP: Table 7.4c. • Other Industrial Non-CHP: Calculated as other industrial total minus other industrial CHP. • Industrial Total: Calculated as lease and plant fuel plus other industrial total. • 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). 1999–2014—EIA, *NGA*, annual reports. 2015 forward—EIA, *NGM*, February 2018, Table 2. • Transportation Total: Calculated as pipelines and distribution plus vehicle fuel. • Electric Power Sector: Table 7.4b. • Total Consumption: Calculated as the sum of residential, commercial, industrial total, transportation total, and electric power sector.