

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

	End-Use Sectors										Electric Power Sector ^{f,g}	Total
	Residential	Commercial ^a	Lease and Plant Fuel	Industrial			Transportation					
				Other Industrial		Total	Pipelines ^d and Distribution ^e	Vehicle Fuel	Total			
				CHP ^b	Non-CHP ^c					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	5,963	7,018	8,255	660	(s)	660	3,245	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	5,087	3,466	1,512	1,145	6,501	7,646	9,158	700	35	735	8,146	26,593
2015 January	R 938	R 533	R 133	103	R 615	R 718	R 851	R 79	3	R 82	711	R 3,115
February	902	517	R 120	92	R 567	R 660	R 780	R 74	3	R 77	648	R 2,925
March	633	R 386	R 134	99	R 563	R 662	R 795	R 65	3	R 68	709	R 2,591
April	319	232	R 131	93	R 515	R 608	R 739	R 50	3	R 53	664	R 2,008
May	R 178	R 161	R 134	95	R 508	R 603	R 737	R 46	3	R 49	734	R 1,858
June	124	135	R 129	101	R 474	R 575	R 704	R 47	3	R 50	886	R 4,900
July	108	134	R 134	109	R 482	R 592	R 726	R 51	3	R 54	1,046	R 2,068
August	103	135	R 134	110	R 489	R 600	R 734	R 51	3	R 54	1,027	R 2,053
September	108	138	R 131	102	477	R 579	R 710	R 47	3	R 50	895	R 1,901
October	R 202	195	R 134	102	R 511	R 613	R 747	R 49	3	R 52	792	R 1,987
November	R 407	283	R 129	103	R 535	639	R 768	R 56	3	R 59	732	R 2,249
December	591	R 353	R 133	110	R 564	675	R 808	R 65	3	R 68	769	R 2,588
Total	R 4,613	R 3,202	R 1,576	1,222	R 6,300	R 7,522	R 9,098	R 678	39	R 718	9,613	R 27,244
2016 January	R 879	R 503	R 136	107	613	720	R 857	R 80	3	R 83	771	R 3,092
February	R 690	R 413	R 129	100	R 562	R 662	R 791	R 68	3	R 71	686	R 2,651
March	R 455	R 298	R 137	103	559	662	R 799	R 60	3	R 63	743	R 2,357
April	R 328	R 233	R 132	100	520	620	R 752	R 53	3	R 56	721	R 2,089
May	R 194	R 171	R 136	102	510	612	R 748	R 49	3	R 53	806	R 1,971
June	123	R 138	R 130	104	486	590	R 720	R 51	3	R 54	971	R 2,005
July	R 106	R 134	R 135	108	508	616	R 751	R 55	4	R 59	1,142	R 2,193
August	R 100	R 140	R 134	109	518	627	R 761	R 56	4	R 60	1,155	R 2,216
September	R 110	142	R 129	104	499	R 604	R 732	R 49	4	R 53	915	R 1,951
October	R 187	R 191	R 132	102	520	622	R 754	R 48	4	R 52	741	R 1,926
November	R 380	R 280	R 129	106	548	R 654	R 782	R 55	4	R 58	664	R 2,164
December	R 794	R 462	R 132	112	R 622	733	R 865	R 74	4	R 77	669	R 2,867
Total	R 4,345	R 3,105	R 1,590	1,257	R 6,465	R 7,722	R 9,312	R 697	R 42	R 739	9,984	R 27,486
2017 January	R 832	R 481	RE 131	114	R 617	R 731	R 862	RE 73	E 4	RE 77	639	R 2,891
February	R 582	361	RE 120	102	R 542	R 644	R 765	RE 69	E 3	RE 62	550	R 2,320
March	582	R 373	RE 133	108	R 583	R 691	R 824	RE 64	E 4	RE 67	667	R 2,514
April	281	R 213	RE 129	103	R 522	R 625	R 754	RE 49	E 4	RE 52	614	R 1,914
May	201	R 179	RE 134	103	R 521	R 625	R 758	RE 48	E 4	RE 52	697	R 1,887
June	124	R 139	RE 131	104	R 507	R 611	R 742	RE 48	E 4	RE 52	834	R 1,890
July	108	134	E 136	109	515	624	760	E 54	E 4	E 57	1,052	2,111
7-Month Total	2,709	1,882	E 914	743	3,808	4,551	5,465	E 394	E 25	E 419	5,053	15,528
2016 7-Month Total	2,774	1,889	935	724	3,758	4,482	5,417	415	24	439	5,840	16,360
2015 7-Month Total	3,202	2,098	915	693	3,724	4,417	5,332	411	23	434	5,399	16,465

^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)*, September 2017, 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, September 2017, 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.