

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			Total	Transportation				
				Other Industrial		Pipelines and Distribution ^d		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 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	133	103	618	721	854	78	4	82	774	3,092
February	690	414	126	95	568	663	789	67	3	70	690	2,652
March	455	298	133	99	564	663	796	59	4	63	745	2,356
April	328	233	128	95	525	620	749	52	3	55	719	2,084
May	194	171	131	98	515	613	744	49	4	52	804	1,966
June	123	138	126	101	489	590	716	50	3	53	970	2,001
July	106	135	131	107	509	616	748	55	4	58	1,140	2,187
August	100	140	130	108	519	628	758	55	4	59	1,151	2,208
September	110	142	125	101	503	604	729	48	3	52	915	1,948
October	187	191	129	99	523	623	751	48	4	51	744	1,925
November	380	281	126	99	556	654	780	54	3	57	662	2,159
December	794	463	128	104	630	734	862	73	4	76	671	2,866
Total	4,347	3,110	1,545	1,209	6,519	7,729	9,274	687	42	729	9,985	27,444
2017 January	831	479	126	107	628	735	861	78	4	83	660	2,913
February	579	359	115	97	554	650	765	63	4	66	569	2,339
March	580	372	130	103	594	697	827	68	4	72	672	2,523
April	279	212	126	99	533	632	758	51	4	55	627	1,931
May	199	178	130	102	527	629	759	50	4	54	700	1,891
June	124	138	127	104	510	615	741	50	4	54	851	1,909
July	107	134	133	112	512	624	757	56	4	61	1,082	2,140
August	104	137	133	109	529	638	770	56	4	60	1,022	2,093
September	115	145	130	103	513	616	747	51	4	55	859	1,920
October	205	201	137	104	553	657	794	54	4	58	773	2,030
November	468	322	136	104	592	696	832	63	4	67	666	2,355
December	822	487	141	115	647	761	903	83	4	87	785	3,083
Total	4,412	3,164	1,564	1,257	6,692	7,949	9,514	722	49	770	9,266	27,126
2018 January	975	548	E 139	115	655	770	909	E 88	E 4	E 92	785	3,308
February	687	420	E 128	102	587	689	816	E 72	E 3	E 75	701	2,699
March	656	R 413	E 143	107	619	726	869	E 74	E 4	E 77	756	2,772
April	439	299	E 139	104	581	685	825	E 62	E 4	E 66	707	2,335
May	168	162	E 145	104	555	659	805	E 54	E 4	E 58	853	2,046
June	119	141	E 142	107	530	637	779	E 55	E 4	E 58	952	2,049
July	105	135	E 149	112	R 541	R 653	R 802	E 62	E 4	E 66	1,233	R 2,342
August	99	141	RE 153	114	R 543	R 656	R 809	E 62	E 4	E 65	1,200	R 2,314
September	113	145	E 149	108	535	644	793	E 57	E 4	E 61	1,044	2,156
9-Month Total	3,361	2,404	E 1,287	973	5,147	6,119	7,406	E 586	E 32	E 619	8,232	22,021
2017 9-Month Total	2,918	2,154	1,151	935	4,900	5,835	6,986	523	36	559	7,042	19,659
2016 9-Month Total	2,985	2,175	1,163	908	4,810	5,718	6,880	513	31	544	7,909	20,493

^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: 1949–2017—U.S. Energy Information Administration (EIA), *Natural Gas Annual (NGA)*, annual reports and unpublished revisions. 2018 forward—EIA, *Natural Gas Monthly (NGM)*, November 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). 1999–2017—EIA, *NGA*, annual reports. 2018 forward—EIA, *NGM*, November 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.