

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			Pipelines ^d and Distribution ^e	Vehicle Fuel	Total			
				CHP ^b	Non-CHP ^c	Total				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	i	5,963	7,018	8,255	660	(s)	660	3,245	19,174
1995 Total	4,850	3,031	1,220	i	6,906	8,164	9,384	700	5	705	4,237	22,207
2000 Total	4,996	3,182	1,151	i	6,757	8,142	9,293	642	13	655	5,206	23,333
2001 Total	4,771	3,023	1,119	i	6,035	7,344	8,463	625	15	640	5,342	22,239
2002 Total	4,889	3,144	1,113	i	6,287	7,527	8,640	667	15	682	5,672	23,027
2003 Total	5,079	3,179	1,122	i	6,007	7,150	8,273	591	18	610	5,135	22,277
2004 Total	4,869	3,129	1,098	i	6,066	7,256	8,354	566	21	587	5,464	22,403
2005 Total	4,827	2,999	1,112	i	5,518	6,601	7,713	584	23	607	5,869	22,014
2006 Total	4,368	2,832	1,142	i	5,412	6,527	7,669	584	24	608	6,222	21,699
2007 Total	4,722	3,013	1,226	i	5,604	6,655	7,881	621	25	646	6,841	23,104
2008 Total	4,892	3,153	1,220	i	5,715	6,670	7,890	648	26	674	6,668	23,277
2009 Total	4,779	3,119	1,275	i	5,178	6,167	7,443	670	27	697	6,873	22,910
2010 Total	4,782	3,103	1,286	i	5,797	6,826	8,112	674	29	703	7,387	24,087
2011 Total	4,714	3,155	1,323	i	5,931	6,994	8,317	688	30	718	7,574	24,477
2012 Total	4,150	2,895	1,396	i	6,077	7,226	8,622	731	30	761	9,111	25,538
2013 Total	4,897	3,295	1,483	i	6,255	7,425	8,909	833	30	863	8,191	26,155
2014 Total	5,087	3,466	1,512	i	6,501	7,646	9,158	700	35	735	8,146	26,593
2015 Total	4,613	3,202	1,576	i	6,300	7,522	9,098	678	39	718	9,613	27,244
2016 January	879	503	R 133	103	R 618	R 721	R 854	R 78	R 4	R 82	774	R 3,092
February	690	R 414	R 126	95	R 568	R 663	R 789	R 67	3	R 70	690	R 2,652
March	455	298	R 133	99	R 564	R 663	R 796	R 59	R 4	63	745	R 2,356
April	328	233	R 128	95	525	620	R 749	R 52	3	R 55	719	R 2,084
May	194	171	R 131	98	515	R 613	R 744	R 49	R 4	R 52	804	R 1,966
June	123	138	R 126	101	489	590	R 716	R 50	3	R 53	970	R 2,001
July	106	R 135	R 131	107	509	616	R 748	R 55	4	R 58	1,140	R 2,187
August	100	140	R 130	108	519	R 628	R 758	R 55	4	R 59	1,151	R 2,208
September	110	142	R 125	101	R 503	604	R 729	R 48	R 3	R 52	915	R 1,948
October	187	191	R 129	99	523	R 623	R 751	R 48	4	R 51	744	R 1,925
November	380	R 281	R 126	99	R 556	654	R 780	R 54	R 3	R 57	662	R 2,159
December	794	R 463	R 128	104	R 630	R 734	R 862	R 73	4	R 76	671	R 2,866
Total	R 4,347	R 3,110	R 1,545	1,209	R 6,519	R 7,729	R 9,274	R 687	42	R 729	9,985	R 27,444
2017 January	R 831	R 479	R 126	107	R 628	R 735	861	R 78	4	R 83	647	R 2,901
February	R 579	R 359	R 115	97	R 554	R 650	765	R 63	R 4	R 66	559	R 2,329
March	R 580	R 372	R 130	103	R 594	R 697	R 827	R 68	4	R 72	679	R 2,529
April	R 279	R 212	R 126	98	R 534	R 632	R 758	R 51	4	R 55	624	R 1,928
May	R 199	R 178	R 130	99	R 530	R 629	R 759	R 50	4	R 54	706	R 1,897
June	124	138	R 127	100	R 514	R 615	R 741	R 50	4	R 54	854	R 1,912
July	107	134	R 133	107	R 517	R 624	R 757	R 56	4	R 61	1,074	R 2,133
August	104	R 137	R 133	103	R 535	R 638	770	R 56	4	R 60	1,034	R 2,105
September	115	R 145	R 130	98	R 518	R 616	R 747	R 51	4	R 55	862	1,923
October	R 205	201	R 137	100	R 557	R 657	R 794	R 54	4	R 58	780	R 2,037
November	R 468	R 322	R 136	102	R 594	R 696	R 832	R 63	4	R 67	663	R 2,351
December	R 822	R 487	R 141	113	R 648	R 761	R 903	R 83	4	R 87	768	R 3,066
Total	R 4,412	R 3,164	R 1,564	1,226	R 6,723	R 7,949	R 9,514	R 722	R 49	R 770	9,250	R 27,110
2018 January	R 975	R 548	RE 139	112	658	770	R 909	RE 88	E 4	RE 92	795	R 3,318
February	687	420	RE 128	99	R 589	R 689	R 816	RE 71	E 3	RE 74	670	R 2,667
March	R 656	R 414	RE 143	104	R 622	R 726	R 869	RE 73	E 4	RE 77	743	R 2,758
April	439	299	RE 139	102	R 583	R 685	R 825	RE 62	E 4	RE 66	708	R 2,336
May	168	162	RE 145	102	R 557	R 659	R 805	RE 54	E 4	RE 58	851	R 2,043
June	119	141	RE 142	104	R 533	R 637	R 779	RE 55	E 4	RE 58	955	R 2,051
July	105	135	E 149	110	542	652	801	E 62	E 4	E 66	1,229	2,336
7-Month Total	3,148	2,118	E 985	734	4,085	4,819	5,804	E 466	E 25	E 491	5,950	17,510
2017 7-Month Total	2,700	1,872	888	710	3,871	4,581	5,469	416	28	445	5,143	15,629
2016 7-Month Total	2,775	1,892	908	698	3,788	4,486	5,394	409	24	434	5,842	16,337

^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)*, September 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, September 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.