

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 Dis-tribution ^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
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 Total	4,347	3,110	1,545	1,209	6,519	7,729	9,274	687	42	729	9,985	27,444
2017 Total	4,412	3,164	1,584	1,257	6,693	7,949	9,533	722	48	770	9,266	27,146
2018 Total	4,998	3,514	1,694	1,314	7,103	8,417	10,112	877	50	927	10,599	30,149
2019 Total	5,019	3,515	1,823	1,374	7,042	8,417	10,240	1,018	53	1,071	11,299	31,143
2020 January	825	491	160	145	635	780	940	112	4	116	949	3,321
February	737	448	149	132	593	725	874	103	4	107	893	3,059
March	527	339	160	133	578	711	870	91	4	95	891	2,722
April	378	238	151	123	511	634	784	75	4	79	778	2,257
May	237	163	146	109	508	617	763	68	4	72	837	2,072
June	136	132	144	113	488	601	745	70	4	74	1,041	2,128
July	118	129	151	122	512	634	785	82	4	86	1,346	2,464
August	109	131	151	120	529	649	800	80	4	84	1,276	2,400
September	127	144	146	109	535	644	790	71	4	75	1,016	2,151
October	242	209	150	115	572	687	836	77	4	81	948	2,316
November	440	294	149	112	590	702	851	81	4	85	772	2,442
December	800	454	154	126	652	778	933	107	4	112	885	3,183
Total	4,674	3,170	1,809	1,458	6,702	8,161	9,970	1,018	49	1,067	11,632	30,513
2021 January	895	497	159	125	665	791	949	125	5	130	864	3,336
February	876	497	133	102	584	686	819	116	4	121	785	3,097
March	574	358	160	109	594	703	863	98	5	102	742	2,639
April	342	248	156	107	569	676	832	83	4	87	761	2,271
May	218	183	161	110	548	658	819	77	5	81	814	2,115
June	130	144	156	116	522	638	794	82	4	86	1,087	2,241
July	113	143	162	125	541	666	828	88	5	93	1,239	2,416
August	106	142	163	122	547	669	831	89	5	94	1,262	2,436
September	118	150	157	111	528	639	796	78	4	82	989	2,136
October	193	197	165	114	564	677	843	82	5	87	939	2,258
November	482	338	161	116	609	726	887	99	4	104	869	2,680
December	669	402	167	122	645	767	934	112	5	116	880	3,001
Total	4,716	3,298	1,901	1,379	6,915	8,295	10,196	1,130	54	1,184	11,230	30,625
2022 January	961	553	E 163	R 125	691	817	980	E 132	E 5	E 137	961	3,592
February	796	465	E 146	111	611	722	868	E 113	E 4	E 117	R 815	3,061
March	R 591	387	E 164	R 118	634	753	917	RE 102	E 5	E 107	R 779	R 2,781
April	390	277	E 161	108	R 593	700	861	E 87	E 4	E 92	R 748	R 2,367
May	201	183	E 168	R 108	569	677	845	E 83	E 5	E 87	R 925	2,242
June	124	147	E 164	108	540	648	812	E 85	E 4	E 90	1,146	2,318
July	R 110	145	E 170	114	R 545	658	828	E 95	E 5	E 100	1,400	2,583
August	103	141	E 171	R 116	554	670	841	E 94	E 5	E 99	1,375	R 2,559
September	114	150	E 167	R 108	538	R 646	R 813	E 84	E 4	E 89	R 1,122	R 2,288
October	242	224	E 173	111	575	686	859	E 87	E 5	E 92	950	R 2,366
November	518	R 356	E 168	115	608	723	891	E 102	E 4	E 107	R 903	R 2,774
December	843	496	E 169	118	636	754	923	E 125	E 5	E 129	993	3,385
Total	4,995	3,525	E 1,983	1,360	7,095	8,455	10,437	E 1,190	E 53	E 1,244	12,118	32,318

^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: 1949–2020**—U.S. Energy Information Administration (EIA), *Natural Gas Annual (NGA)*, annual reports and unpublished revisions. **2021 forward**—EIA, *Natural Gas Monthly (NGM)*, February 2023, 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). **1999–2020**—EIA, NGA, annual reports. **2021 forward**—EIA, NGM, February 2023, 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.