Table 4.3 Natural Gas Consumption by Sector

(Billion Cubic Feet)

	End-Use Sectors											
			Industrial					Transportation				
				Other Industrial								
	Residential	Commercial[a]	Lease and Plant Fuel	CHP[b]	Non-CHP[c]	Total	Total	Pipelines[d] and Distribution[e]	Vehicle Fuel	Total	Electric Power Sector[f,g]	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**	[i]**3,245**	[i]**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**
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 Total	**4,674**	**3,163**	**1,825**	**1,458**	**6,755**	**8,213**	**10,038**	**1,018**	**49**	**1,067**	**11,632**	**30,574**
2021 Total	**4,717**	**3,289**	**1,851**	**1,379**	**6,995**	**8,375**	**10,225**	**1,131**	**54**	**1,186**	**11,229**	**30,646**
2022 January	958	551	154	124	702	826	981	137	6	143	949	3,581
February	791	464	139	108	621	729	868	116	5	121	804	3,048
March	588	385	157	115	645	761	918	105	6	110	777	2,778
April	384	276	153	108	598	706	858	88	5	93	743	2,355
May	201	183	159	111	573	684	843	83	6	89	923	2,239
June	124	146	154	112	543	655	809	86	5	92	1,145	2,315
July	110	144	161	121	544	665	826	97	6	102	1,405	2,588
August	103	141	162	122	555	677	839	96	6	101	1,380	2,564
September	114	150	159	111	542	653	812	85	5	90	1,125	2,291
October	242	223	164	112	580	692	856	88	6	93	946	2,360
November	513	353	159	115	615	729	888	104	5	109	902	2,766
December	835	492	161	117	644	761	922	128	6	134	992	3,375
Total	**4,964**	**3,509**	**1,883**	**1,375**	**7,161**	**8,537**	**10,420**	**1,212**	**65**	**1,277**	**12,092**	**32,262**
2023 January	799	475	[E]164	123	[R]646	[R]770	[R]933	[E]124	[E]5	[E]129	967	[R]3,303
February	[R]684	[R]424	[E]148	110	598	708	856	[E]111	[E]4	[E]115	870	[R]2,949
March	633	408	[E]166	120	[R]638	[R]757	[R]923	[E]113	[E]5	[E]118	932	[R]3,014
April	338	253	[E]161	104	602	706	866	[E]91	[E]4	[E]95	869	2,421
May	197	183	[E]167	110	571	681	848	[E]87	[E]5	[E]91	996	2,315
June	129	149	[E]161	114	[R]540	[R]654	[R]815	[E]89	[E]4	[E]93	1,176	[R]2,363
July	111	143	[E]167	118	551	669	[R]836	[E]100	[E]5	[E]105	1,471	2,666
August	104	145	[E]169	117	571	[R]688	857	[E]100	[E]5	[E]105	1,462	[R]2,673
September	113	146	[E]164	116	550	665	829	[E]89	[E]4	[E]93	1,191	2,373
October	227	224	[E]169	113	593	706	875	[E]92	[E]5	[E]96	1,016	2,438
November	493	[R]346	[E]166	118	624	743	908	[E]106	[E]4	[E]110	965	2,823
December	656	413	[E]172	129	662	791	963	[E]119	[E]5	[E]124	1,014	3,169
Total	[R]**4,483**	[R]**3,310**	[E]**1,972**	**1,392**	[R]**7,146**	[R]**8,538**	[R]**10,510**	[RE]**1,221**	[E]**53**	[E]**1,274**	**12,930**	[R]**32,507**
2024 January	919	535	[E]166	132	670	802	968	[E]139	[E]5	[E]143	1,131	3,696
February	646	416	[E]159	113	604	718	877	[E]111	[E]4	[E]116	914	2,969
2-Month Total	**1,565**	**951**	[E]**325**	**246**	**1,274**	**1,520**	**1,845**	[E]**250**	[E]**9**	[E]**259**	**2,045**	**6,666**
2023 2-Month Total	**1,483**	**899**	[E]**312**	**234**	**1,244**	**1,478**	**1,790**	[E]**235**	[E]**9**	[E]**243**	**1,837**	**6,252**
2022 2-Month Total	**1,749**	**1,015**	**294**	**232**	**1,323**	**1,555**	**1,849**	**254**	**11**	**264**	**1,753**	**6,630**

[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: 1949–2022**—U.S. Energy Information Administration (EIA), *Natural Gas Annual (NGA)*, annual reports and unpublished revisions. **2023 forward**—EIA, *Natural Gas Monthly (NGM)*, April 2024, 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). **1999–2022**—EIA, NGA, annual reports. **2023 forward**—EIA, NGM, April 2024, 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.