

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

| | End-Use Sectors | | | | | | | | | | Electric Power Sector ^{f,g} | Total |
|--------------|-----------------|--------------------------|----------------------|------------------|----------------------|-------|---|--------------|-------|---------|--------------------------------------|--------|
| | Residential | Com-mercial ^a | Lease and Plant Fuel | Industrial | | | Transportation | | | | | |
| | | | | Other Industrial | | | Pipelines ^d and Dis-tribution ^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 | 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 |
| 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 | 648 | 771 | 935 | E 124 | E 5 | E 129 | 967 | 3,305 |
| February | 683 | 423 | E 148 | 110 | 598 | 708 | 856 | E 111 | E 4 | E 115 | 870 | 2,947 |
| March | 633 | 408 | E 166 | 120 | 636 | 756 | 922 | E 113 | E 5 | E 118 | 932 | 3,012 |
| 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 | 538 | 652 | 813 | E 89 | E 4 | E 93 | 1,176 | 2,360 |
| July | 111 | 143 | E 167 | 118 | 551 | 669 | 835 | E 100 | E 5 | E 105 | 1,471 | 2,666 |
| August | 104 | 145 | E 169 | 117 | 571 | 689 | 857 | E 100 | E 5 | E 105 | 1,462 | 2,674 |
| 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 | 347 | 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 | 4,482 | 3,309 | E 1,972 | 1,392 | 7,144 | 8,536 | 10,508 | E 1,220 | E 53 | E 1,274 | 12,930 | 32,504 |
| 2024 January | 919 | 535 | E 166 | 132 | 670 | 802 | 968 | E 139 | E 5 | E 143 | 1,131 | 3,696 |

^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.

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: 1949–2021—U.S. Energy Information Administration (EIA), *Natural Gas Annual (NGA)*, annual reports and unpublished revisions. 2022 forward—EIA, *Natural Gas Monthly (NGM)*, March 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). 1999–2021—EIA, NGA, annual reports. 2022 forward—EIA, NGM, March 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.