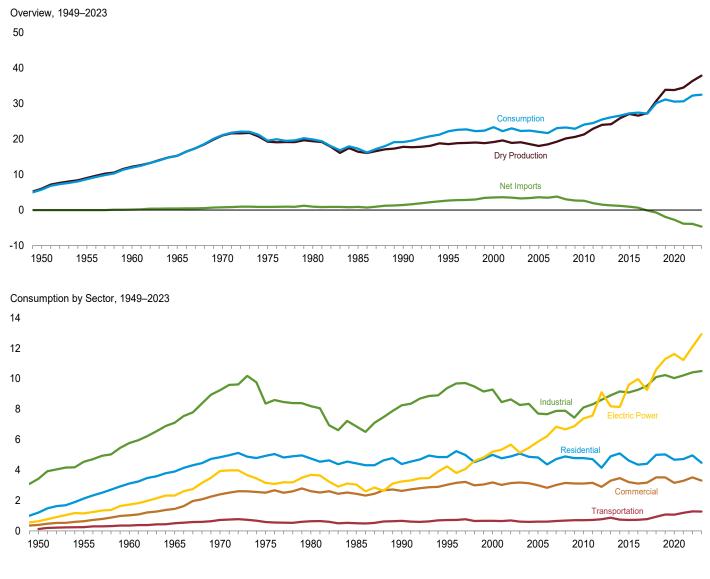
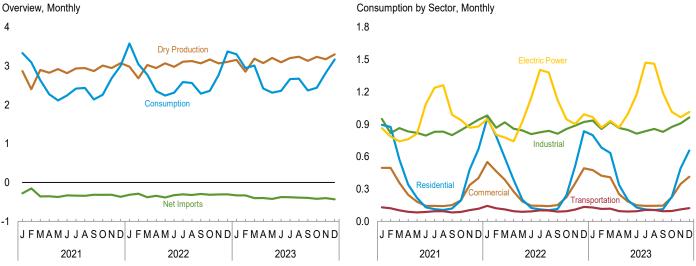
4. Natural Gas

Figure 4.1 Natural Gas





Web Page: http://www.eia.gov/totalenergy/data/monthly/#naturalgas.

Sources: Tables 4.1 and 4.3.

Table 4.1 Natural Gas Overview

•		<u> </u>			Supple-		Trade		Net		
	Gross With- drawals ^a	Marketed Production (Wet) ^b	NGPL Production ^c	Dry Gas Production ^d	mental Gaseous Fuels ^e	Imports	Exports	Net Imports	Storage With- drawals ^f	Balancing Item ^g	Consump- tion ^h
1950 Total 1955 Total 1960 Total 1965 Total 1970 Total 1970 Total 1975 Total 1980 Total 1985 Total 1990 Total 1995 Total 2000 Total 2005 Total 2007 Total 2007 Total 2017 Total 2019 Total 2019 Total 2011 Total 2012 Total 2013 Total 2014 Total 2015 Total 2016 Total 2017 Total 2018 Total 2019 Total 2019 Total 2019 Total	8,480 11,720 15,088 17,963 23,786 21,104 21,870 19,607 21,523 23,744 24,174 23,457 23,535 24,664 25,636 26,057 26,816 28,479 29,542 29,523 31,405 32,595 32,592 33,292 37,326 40,780 40,730	16,282 19,405 112,771 16,040 21,921 20,109 20,180 17,270 18,594 19,506 20,198 18,927 19,410 20,196 21,112 21,648 22,382 24,036 25,283 25,562 27,498 28,400 29,204 33,009 36,447 36,521	260 377 543 753 906 872 777 816 908 1,016 876 906 930 953 1,024 1,066 1,134 1,250 1,357 1,608 1,707 1,808 1,897 2,235 2,548 2,710	16,022 19,029 112,228 115,286 121,014 119,236 19,403 16,454 17,810 18,599 19,182 18,051 18,051 18,051 22,902 24,206 22,316 22,902 24,033 24,206 25,890 27,065 26,592 27,306 30,774 33,899 33,811	NA NA NA NA 155 126 123 110 90 64 66 63 65 65 65 65 69 61 63	0 11 156 456 821 953 985 950 1,532 2,841 3,782 4,341 4,186 4,608 3,751 3,741 3,138 2,883 2,693 2,718 3,006 3,033 2,889 2,742 2,551	26 31 11 26 70 73 49 55 86 154 244 729 724 822 963 1,072 1,137 1,506 1,572 1,514 1,784 2,335 3,154 3,608 4,658 5,285	-26 -20 144 430 751 880 936 894 1,447 2,687 3,561 2,679 2,604 1,519 1,311 1,181 935 671 -121 -1719 -1,916 -2,734	-54 -68 -132 -118 -398 -344 23 235 -513 415 829 -436 192 -436 192 -436 -254 -355 -13 -354 -254 -254 -340 254 314 -503 -180	-175 -247 -274 -319 -228 -235 -640 -428 -306 -306 -306 -303 -203 -103 -115 -94 -66 -38 -283 -268 -216 -360 -290 -397 -387	5,767 8,694 11,967 15,280 21,139 19,538 19,877 17,281 19,174 22,207 23,333 22,014 21,699 23,104 21,699 23,104 21,699 24,087 24,487 24,477 22,910 24,087 24,477 24,477 27,146 30,149 31,143 30,574
Pebruary February February March April May June July August September October November December Total	3,504 2,939 3,510 3,428 3,525 3,390 3,509 3,535 3,441 3,613 3,564 3,720 41,677	3,106 2,597 3,136 3,059 3,158 3,045 3,177 3,186 3,104 3,258 3,189 3,323 37,338	234 195 236 230 238 229 239 240 233 245 240 250 2,809	2,872 2,402 2,900 2,829 2,921 2,816 2,938 2,946 2,871 3,013 2,949 3,073 34,529	556565665666 66	284 272 239 208 205 208 228 221 220 228 242 253 2,808	564 424 595 564 578 539 566 564 536 545 557 621 6,653	-279 -152 -357 -356 -373 -331 -338 -343 -315 -315 -368 -3,845	719 795 64 -180 -423 -254 -175 -164 -398 -368 137 330 83	18 46 27 -27 -13 6 -12 -9 -25 -75 -92 -33 -188	3,335 3,096 2,640 2,272 2,116 2,242 2,418 2,436 2,138 2,259 2,685 3,008 30,646
Petron September December Total	3,628 3,266 3,663 3,568 3,695 3,565 3,736 3,730 3,669 3,814 3,712 3,755 43,802	3,235 2,914 3,282 3,199 3,332 3,275 3,392 3,392 3,330 3,438 3,327 3,370 39,428	252 227 256 250 260 252 263 265 260 268 259 263 3,075	2,983 2,687 3,026 2,950 3,072 2,980 3,112 3,128 3,071 3,170 3,067 3,107 36,353	6 5 6 6 6 6 6 6 6 6 6 6 7 7 7	296 258 259 245 231 229 257 236 234 240 240 293 3,024	611 546 639 587 617 554 560 558 526 554 554 597 6,904	-315 -288 -380 -342 -386 -325 -303 -322 -293 -315 -308 -304 -3,880	1,013 673 171 -220 -412 -332 -187 -213 -446 -432 78 588 281	-107 -28 -45 -38 -42 -14 -41 -34 -47 -69 -78 -22 -565	3,581 3,048 2,778 2,355 2,239 2,315 2,588 2,564 2,291 2,360 2,766 3,375 32,262
Petron September October November December Total	E 3,820 E 3,456 E 3,858 E 3,729 E 3,869 E 3,720 E 3,827 E 3,850 E 3,761 E 3,909 RE 3,841 E 3,993 E 45,633	E 3,429 E 3,103 E 3,475 E 3,362 E 3,500 E 3,375 E 3,495 E 3,534 E 3,426 E 3,537 RE 3,469 E 3,592 E 41,296	270 247 286 283 289 278 290 294 291 302 292 292 3,413	E 3,159 E 2,856 E 3,189 E 3,079 E 3,210 E 3,098 E 3,205 E 3,240 E 3,135 E 3,235 RE 3,177 E 3,300 E 37,883	766564653356 63	275 244 250 220 216 232 256 246 230 231 ^R 252 277 2,929	609 575 651 621 638 607 634 634 626 R 652 R 655 709 7,611	-333 -331 -401 -400 -422 -376 -378 -388 -396 R -421 -403 -432 -4,682	R 456 399 224 R-269 -452 R-344 -133 -323 -321 R 65 284 -548	R 17 18 R - 6 5 R - 27 R - 22 R - 34 - 50 R - 46 R - 58 - 21 - 11	R 3,305 2,947 R 3,012 2,421 R 2,315 R 2,360 2,666 2,674 R 2,373 R 2,438 R 2,823 3,169 32,504

^a Gases withdrawn from natural gas, crude oil, coalbed, and shale gas wells. Includes natural gas, natural gas plant liquids, and nonhydrocarbon gases; but excludes lease condensate.

^b Gross withdrawals minus repressuring, nonhydrocarbon gases removed, and vented and flared. See Note 1, "Natural Gas Production," at end of section.

^c Natural gas plant liquids (NGPL) production, gaseous equivalent. This data series was previously called "Extraction Loss." See Note 2, "Natural Gas Plant Liquids Production," at end of section.

^d Marketed production (wet) minus NGPL production.

producers may be counted in both "Other Industrial" and "Electric Power Sector" on Table 4.3. See Note 7, "Natural Gas Consumption, 1989–1992," at end of section.

R=Revised. E=Estimate. NA=Not available.
Notes: • See Note 8, "Natural Gas Data Adjustments, 1993–2000," at end of section. • 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 (except Alaska, for which underground storage is excluded from "Net Storage Withdrawals" through 2012).

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

and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: • Imports and Exports: Tables 4.2a and 4.2b. • Consumption:
Table 4.3. • Balancing Item: Calculated as consumption minus dry gas production, supplemental gaseous fuels, net imports, and net storage withdrawals.

• All Other Data: 1949–2020—U.S. Energy Information Administration (EIA), Natural Gas Annual, annual reports. 2021 forward—EIA, Natural Gas Monthly, February 2024, Table 1.

Marketed production (wet) minus NGPL production.
See Note 3, "Supplemental Gaseous Fuels," at end of section.
Net withdrawals from underground storage. For 1980–2017, also includes net

Net withdrawals from underground storage. For 1980–2017, also includes net withdrawals of liquefied natural gas in above-ground tanks. See Note 4, "Natural Gas Storage," at end of section.

g See Note 5, "Natural Gas Balancing Item," at end of section. Beginning in 1980, excludes transit shipments that cross the U.S.-Canada border (i.e., natural gas delivered to its destination via the other country).

h See Note 6, "Natural Gas Consumption," at end of section.

Through 1979, may include unknown quantities of nonhydrocarbon gases.

For 1989–1992, a small amount of consumption at independent power

Table 4.2a Natural Gas Imports by Country

	Algeriaª	Austr-	Canada ^b	Egypt ^a	Mexico ^b	Nigeria ^a	Norwaya	Omana	Qatar ^a	Trinidad and Tobago ^a	United Arab Emiratesª	Yemena	Other ^a	Total
1950 Total 1955 Total 1955 Total 1965 Total 1965 Total 1975 Total 1975 Total 1980 Total 1980 Total 1980 Total 1980 Total 1995 Total 2000 Total 2005 Total 2006 Total 2007 Total 2008 Total 2010 Total 2011 Total 2011 Total 2013 Total 2014 Total 2015 Total 2016 Total 2017 Total 2017 Total 2018 Total 2019 Total 2017 Total 2018 Total 2019 Total 2019 Total 2017 Total 2018 Total 2019 Total 2017 Total 2018 Total 2019 Total 2018 Total 2019 Total	5 86 24 84 18 47 97 17 77 0 0 0 0 0	000000000000000000000000000000000000000	0 11 109 405 779 928 797 926 1,448 2,816 3,544 3,700 3,783 3,590 3,783 3,271 3,280 3,117 2,963 2,786 2,635 2,626 2,918 2,955 2,811 2,687 2,500	0 0 0 0 0 0 0 0 0 0 73 120 115 55 55 160 73 35 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (s) 47 52 (s) 0 102 0 7 12 9 13 54 43 28 30 (s) 1 1 1 1 1 3 2 2	00000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 9 9 4389 448 267 236 190 129 112 70 43 71 84 70 66 47 39	000000000000000000000000000000000000000	00 00 00 00 00 00 00 00 00 00 00 00 00	0 0 0 0 0 0 0 0 0 21 11 0 18 15 29 81 92 6 0 0 0 0 0 0	0 11 156 456 821 985 985 953 985 953 985 953 4,532 2,841 3,782 4,341 4,608 3,984 3,741 3,741 3,138 2,693 2,693 2,742 2,742 2,551
2021 January February March April May June July August September October November December Total	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	278 265 237 208 203 208 226 221 219 228 241 251 2,785	0 0 0 0 0 0 0 0 0	(s) 1 (s) (s) (s) (s) (s) (s) (s) (s) (s) (s)	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	6 1 0 2 0 2 0 1 0 2 2 2 2 2 2 2 2	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 (s) 0 (s) (s) (s) (s)	284 272 239 208 205 208 228 221 220 228 242 253 2,808
Post September October November December Total	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	290 253 257 245 230 229 254 233 234 239 245 290 3,000	0 0 0 0 0 0 0 0 0	(s) (s) (s) (s) (s) (s) (s) (s) (s) (s)	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	6 4 3 0 (s) 0 3 3 3 0 0 1 3 24	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	(s) (s) (s) (s) (s) (s) (s) (s) (s)	296 258 259 245 231 229 257 236 234 240 293 3,024
2023 January February March April May June July August September October November December Total	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	272 239 248 220 215 232 255 246 230 231 R 252 275 2,915	0 0 0 0 0 0 0 0 0	(s) (s) (s) (s) (s) (s) (s) (s) (s) (s)	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	1 4 1 0 1 0 1 0 0 0 0 0 0 0 0 3 1 2	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	1 (s) (s) (s) (s) 0 0 0 0 0	275 244 250 220 216 232 256 246 230 231 R 252 277 2,929

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: • 1949–1954: U.S. Energy Information Administration (EIA) estimates based on Bureau of Mines, Minerals Yearbook, "Natural Gas" chapter.
• 1955–1971: Federal Power Commission data. • 1972–1987: EIA, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas."
• 1988–2020: EIA, Natural Gas Annual, annual reports. • 2021 forward: EIA, Natural Gas Monthly, February 2024, Table 4; and U.S. Department of Energy, Office of Fossil Energy, "Natural Gas Imports and Exports."

 ^a As liquefied natural gas.
 ^b By pipeline, except for small amounts of: liquefied natural gas (LNG) imported from Canada in 1973, 1977, 1981, and 2013 forward; and compressed natural gas (CNG) imported from Canada in 2014 forward; See Note 9, "Natural Gas Imports and Exports," at end of section.
 R=Revised. (s)=Less than 500 million cubic feet.
 Notes: • See Note 9, "Natural Gas Imports and Exports," at end of section.
 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. • U.S. geographic coverage is the 50 states and the District

Table 4.2b Natural Gas Exports by Country

	Brazila	Canada ^b	Chile ^a	China ^a	France	India ^a	Japana	Mexicob	South Koreaª	Spaina	Turkeya	United Kingdom ^a	Other ^a	Total
1950 Total 1955 Total 1960 Total 1960 Total 1965 Total 1970 Total 1975 Total 1985 Total 1985 Total 1995 Total 1995 Total 2000 Total 2005 Total 2006 Total 2007 Total 2008 Total 2019 Total 2011 Total 2011 Total 2012 Total 2013 Total 2014 Total 2015 Total 2017 Total 2017 Total 2017 Total 2018 Total 2019 Total	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 11 6 18 11 10 (s) (s) (s) 17 28 73 358 341 482 559 701 739 937 971 911 770 701 771 917 836 973 904	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 44 53 53 53 53 65 66 65 47 39 31 33 18 14 0 13 12 6 201 288	23 20 6 8 15 9 4 2 16 61 106 305 305 332 292 365 338 333 499 661 729 1,054 1,405 1,671 1,871 2,010 2,026	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 31 11 26 70 73 49 55 86 154 244 729 724 822 963 1,137 1,5019 1,572 1,514 1,784 2,335 3,154 3,608 4,658 5,285
Pebruary February March April May June July August September October November December Total	21 13 22 12 20 32 40 34 38 41 11 24 308	85 78 91 75 71 70 68 72 72 62 85 109 937	10 7 21 10 18 0 20 16 8 6 3 3 122	39 3 28 50 38 42 42 52 49 42 50 17 453	4 15 34 36 12 4 0 7 7 7 9 10 34 171	20 14 17 14 28 17 13 21 24 11 15 3 196	64 18 28 29 25 40 25 20 10 38 34 24	173 151 183 183 193 198 198 194 179 186 166 167 2,171	56 18 32 22 46 56 39 50 31 34 31 38 453	7 4 14 23 5 8 9 23 31 36 23 33 215	27 21 4 0 3 0 6 0 24 19 47 38 189	21 34 17 14 11 0 0 3 3 31 60 195	36 48 103 97 110 73 106 75 59 58 52 70 887	564 424 595 564 578 539 566 544 536 545 557 621 6,653
Pebruary February February March April May June July August September October November December Total	17 11 2 3 15 4 5 11 0 3 0 72	82 75 105 80 79 70 75 62 73 90 99	3 0 3 4 10 0 7 0 3 0 0 0 3	0 3 8 10 0 7 1 10 10 23 17 7	50 40 64 56 47 38 53 34 58 42 51 38 571	7 7 10 14 7 11 14 10 11 7 10 14 123	22 10 18 13 24 22 18 20 7 11 24 21	176 155 170 177 186 186 190 183 169 172 161 159 2,084	22 27 19 14 18 25 34 36 20 39 14 25 293	49 39 59 40 40 30 34 26 21 26 34 427	45 44 17 7 7 8 0 0 5 10 31 18 192	60 25 57 40 11 3 4 21 51 46 77 69	78 110 107 129 172 151 129 132 108 102 51 113 1,382	611 546 639 587 617 554 560 558 526 554 554 597 6,904
Pebruary February March April May June July August September October November December Total		105 96 106 76 78 75 77 68 77 67 89 112 1,026	3 0 7 0 6 4 7 3 0 0 0 0 0 3	18 3 5 7 20 35 14 10 18 26 14	34 39 29 53 52 46 21 34 32 54 59 41 493	7 14 10 15 7 14 20 14 24 14 7 17	18 14 20 14 831 28 844 831 833 24 25 27 310	169 153 181 169 194 204 211 213 202 202 179 178 2,256	25 23 11 25 11 17 16 35 24 28 26 35 276	14 32 38 14 12 12 34 20 10 50 17 16 269	39 13 12 14 0 0 0 4 5 28 42 156	63 72 70 76 25 0 4 7 25 48 60 451	R 113 116 160 159 R 211 178 169 194 195 195 161 R 147 163 1,967	609 575 651 621 638 607 634 634 626 R 652 R 655 709 7,611

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: • 1949–1954: U.S. Energy Information Administration (EIA) estimates based on Bureau of Mines, Minerals Yearbook, "Natural Gas" chapter.

• 1955–1971: Federal Power Commission data. • 1972–1987: EIA, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas."

• 1988–2020: EIA, Natural Gas Annual, annual reports. • 2021 forward: EIA, Natural Gas Monthly, February 2024, Table 5; and U.S. Department of Energy, Office of Fossil Energy, "Natural Gas Imports and Exports."

 ^a As liquefied natural gas.
 ^b By pipeline, except for small amounts of: liquefied natural gas (LNG) exported to Canada in 2007 and 2012 forward; compressed natural gas (CNG) exported to Canada in 2013 forward; and LNG exported to Mexico beginning in 1998. See Note 9, "Natural Gas Imports and Exports," at end of section.
 R=Revised. (s)=Less than 500 million cubic feet.
 Notes: • Exports include re-exports. • See Note 9, "Natural Gas Imports and Exports," at end of section. • 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. • U.S. geographic coverage is

Table 4.3 Natural Gas Consumption by Sector

(6)	iioii Cui	oic reet)									Г	Ī
		ı	End-Use Sectors							1		
					Industrial		1		ansportatio	n	1	
	Resi-	Com-	Lease and		Other Industri	al		Pipelines ^d and Dis-	Vehicle		Electric Power	
	dential	merciala	Plant Fuel	CHPb	Non-CHP ^C	Total	Total	tributione	Fuel	Total	Sector ^{f,g}	Total
1950 Total 1955 Total 1955 Total 1965 Total 1965 Total 1977 Total 1977 Total 1975 Total 1980 Total 1985 Total 1995 Total 2000 Total 2005 Total 2006 Total 2007 Total 2008 Total 2009 Total 2010 Total 2011 Total 2011 Total 2011 Total 2012 Total 2014 Total 2015 Total 2015 Total 2017 Total 2017 Total 2018 Total 2017 Total 2018 Total 2019 Total	1,198 2,124 3,103 4,837 4,924 4,752 4,433 4,890 4,996 4,768 4,722 4,779 4,782 4,779 4,782 4,714 4,150 4,897 4,613 4,998 4,613 4,998 4,674	388 629 1,020 1,444 2,399 2,508 2,611 2,432 2,623 3,031 3,182 2,999 2,832 3,013 3,153 3,119 3,155 2,895 3,202 3,110 3,164 3,514 3,515 3,163	928 1,131 1,237 1,156 1,399 1,396 1,026 966 1,236 1,220 1,151 1,142 1,226 1,275 1,286 1,323 1,396 1,483 1,512 1,545 1,584 1,694 1,694 1,694 1,823 1,825	(h) (h) (h) (h) (h) (h) (h) (h) (h) (h)	2,498 3,411 4,535 7,851 6,968 7,172 5,901 5,963 6,906 6,757 5,518 5,412 5,604 5,715 5,178 5,797 6,077 6,255 6,501 6,300 6,519 6,693 7,1042 6,755	2,498 3,411 4,5955 7,851 6,968 7,172 5,901 8,164 8,164 8,164 6,655 6,655 6,167 6,894 7,225 7,646 7,7522 7,949 8,417 8,213	3,426 4,542 5,771 7,112 9,249 8,365 8,198 6,867 8,255 9,384 9,293 7,713 7,669 7,881 7,443 8,317 8,622 8,909 9,158 9,098 9,274 9,533 10,112 10,240 10,038	126 245 347 722 583 635 504 660 700 642 584 621 621 688 670 678 688 731 833 700 678 687 722 877 1,018	NA NA NA NA NA NA NA NA NA NA NA NA NA N	126 245 347 722 583 635 504 660 705 655 607 608 646 697 703 718 761 863 735 718 729 770 927 1,067	629 1,153 1,725 2,321 3,932 3,158 3,682 3,044 1,2245 4,237 5,206 5,869 6,222 6,841 6,668 6,873 7,377 9,111 8,191 8,146 9,613 9,985 9,266 10,599 11,299 11,632	5,767 8,694 11,967 15,280 21,139 19,538 19,877 17,281 19,174 22,207 23,333 22,014 21,699 23,104 23,277 22,910 24,087 24,477 25,538 26,155 26,593 27,244 27,146 30,149 31,143 30,574
Populary	895 876 574 342 218 130 113 106 119 193 482 669 4,717	496 496 357 247 182 143 141 150 195 337 401 3,289	154 129 155 152 157 157 157 158 154 162 165 1,851	125 102 109 107 110 116 125 122 111 114 116 122 1,379	670 588 600 575 554 528 548 552 534 570 620 656 6,995	796 690 709 682 664 644 673 674 645 684 736 778 8,375	950 818 864 833 821 795 830 832 799 845 894 943 10,225	125 117 98 83 77 82 89 90 78 82 99 112 1,131	545454554545 4 54	130 121 102 88 82 87 93 94 82 87 104 116 1,186	864 785 742 761 814 1,087 1,238 1,262 989 939 868 879 11,229	3,335 3,096 2,640 2,272 2,116 2,242 2,418 2,436 2,138 2,259 2,685 3,008 30,646
2022 January	958 791 588 384 201 124 110 103 114 242 513 835 4,964	551 464 385 276 183 146 144 141 150 223 353 492 3,509	154 139 157 153 159 154 161 162 159 164 159 161	124 108 115 108 111 111 121 121 121 111 112 115 117 1,375	702 621 645 598 573 543 544 555 542 580 615 644 7,161	826 729 761 706 684 655 665 677 653 692 729 761 8,537	981 868 918 858 843 809 826 839 812 856 888 922 10,420	137 116 105 88 83 86 97 96 85 88 104 128	65656565656 5 6 5	143 121 110 93 89 92 102 101 90 93 109 134 1,277	949 804 777 743 923 1,145 1,405 1,380 1,125 946 902 992 12,092	3,581 3,048 2,778 2,355 2,239 2,315 2,588 2,564 2,291 2,360 2,766 3,375 32,262
Pebruary February March April May June July August September October November December Total	799 683 633 338 197 129 111 104 113 8 227 8 493 656 4,482	475 423 408 253 183 149 143 145 146 224 347 413 3,309	E 164 E 148 E 166 E 167 E 167 E 167 E 169 E 164 E 169 E 166 E 172 E 1,972	123 110 R 120 104 110 114 R 118 R 117 R 116 113 118 129 1,392	R 648 598 R 636 602 571 R 538 551 571 550 R 593 R 624 662 7,144	771 708 756 706 681 652 669 689 687 706 8 743 791 8,536	935 856 922 866 848 813 835 857 829 875 8908 963 10,508	E 124 E 111 E 113 E 89 E 87 E 89 E 100 E 89 E 100 E 100 E 89 E 106 E 119	545454554545 154545454545454545454545454545454545454	E 129 E 115 E 118 E 95 E 91 E 93 E 105 E 93 E 93 E 100 E 123 E 1,274	R 967 870 R 932 869 R 996 R 1,176 1,471 1,462 R 1,191 1,016 965 1,014 12,930	R 3,305 2,947 R 3,012 2,421 R 2,315 R 2,360 2,666 2,674 R 2,373 R 2,438 R 2,823 3,169 32,504

^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 and a small number of industrial electricity.

Discription of industrial combined-heat-and-power (CHP) and a small number of industrial electricity-only plants.

Call industrial sector fuel use other than that in "Lease and Plant Fuel" and "CHP."

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.

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.

The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAIO-Case.

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.

Through 1988, data are for electric utilities only. Beginning in 1989, data are for electric utilities only.

Infough 1986, data are for electric utilities only. Beginning in 1989, data are for electric utilities and independent power producers.

Included in "Non-CHP."

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 poia (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

web Fage. See Hill-ywww.ela.govinotaeriegy/data/hill-hill-yirihaturagas (20th 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 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). 1999–2020—EIA, NGA, annual reports. 2021 forward—EIA, NGM, February 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.

Table 4.4 Natural Gas in Underground Storage

(Volumes in Billion Cubic Feet)

	U	Natural Gas in nderground Storag End of Period	e,		Vorking Gas ne Period us Year		Storage Activity	
	Base Gas	Working Gas	Totala	Volume	Percent	Withdrawals	Injections	Net ^{b,c}
1950 Total 1955 Total 1960 Total 1960 Total 1965 Total 1970 Total 1977 Total 1980 Total 1980 Total 1990 Total 1995 Total 2000 Total 2005 Total 2006 Total 2007 Total 2017 Total 2011 Total 2011 Total 2013 Total 2014 Total 2015 Total 2016 Total 2017 Total 2017 Total 2017 Total 2018 Total 2019 Total 2019 Total 2019 Total 2011 Total 2011 Total 2011 Total 2011 Total 2011 Total 2013 Total 2014 Total 2015 Total 2016 Total 2017 Total 2017 Total 2018 Total 2019 Total 2019 Total	NA 863 NA 1,848 2,3162 3,642 3,848 4,349 4,352 4,200 4,211 4,234 4,277 4,301 4,372 4,372 4,365 4,365 4,365 4,365 4,365 4,360 4,361 4,380 4,380 4,394	NA 505 NA 1,242 1,678 2,212 2,655 2,607 3,068 2,153 1,719 2,635 3,070 2,879 2,840 3,130 3,111 3,462 3,413 2,890 3,141 3,467 3,297 3,038 3,188 3,341	NA 1,368 2,184 3,090 4,004 5,374 6,297 6,448 6,936 6,503 6,071 6,835 7,281 7,113 7,073 7,407 7,412 7,764 7,785 7,255 7,255 7,506 8,038 8,7677 7,392 7,069 7,568 7,735	NA 40 NA 83 257 162 -99 -270 555 -453 -806 -61 435 -191 -39 290 -19 351 -49 -523 251 525 -370 -264 -324 480 153	NA 8.7 NA 7.2 18.1 7.9 -3.6 -9.4 22.1 -17.4 -31.9 -2.3 16.5 -6.2 -1.4 10.2 6 11.3 -1.4 -15.3 8.7 16.7 -10.1 -8.0 -10.7 17.7 4.8	175 437 713 960 1,459 1,760 1,910 2,359 1,934 2,974 3,498 3,057 2,493 3,325 3,374 2,966 3,274 3,074 2,818 3,702 3,586 3,100 3,325 3,590 3,999 3,653 3,412	230 505 844 1,078 1,857 2,104 1,896 2,128 2,433 2,566 2,684 3,002 2,924 3,133 3,315 3,291 3,422 2,825 3,156 3,839 3,638 2,977 3,337 3,676 4,153 3,590	-54 -68 -132 -118 -398 -344 14 231 -499 408 814 -55 -431 192 34 -349 -17 -348 -253 -539 348 254 -500 -178
Pebruary February March April May June July August September October November December Total	4,394 4,389 4,388 4,379 4,381 4,434 4,434 4,435 4,437 4,438 4,438 4,438 4,438	2,635 1,859 1,801 1,975 2,390 2,585 2,755 2,917 3,306 3,665 3,533 3,210 3,210	7,029 6,248 6,189 6,354 6,771 7,019 7,189 7,352 7,743 8,103 7,971 7,648 7,648	19 -222 -228 -357 -388 -548 -539 -605 -534 -263 -399 -131	.7 -10.7 -11.2 -15.3 -14.0 -17.5 -16.4 -17.2 -13.9 -6.7 -10.1 -3.9 -3.9	783 904 321 173 76 140 171 186 83 91 321 513 3,761	76 122 262 347 492 388 341 346 473 452 189 190 3,678	707 782 59 -174 -416 -248 -170 -159 -391 -361 132 323 83
Pebruary February February March April May June July August September October November December Total	4,437 4,434 4,440 4,442 4,443 4,444 4,446 4,445 4,445 4,445 4,445 4,445 4,451 4,451	2,216 1,562 1,401 1,612 2,002 2,325 2,505 2,709 3,146 3,569 3,501 2,925 2,925	6,653 5,997 5,835 6,052 6,444 6,768 6,950 7,155 7,590 8,012 7,943 7,376 7,376	-419 -297 -400 -363 -388 -260 -250 -208 -160 -96 -32 -285	-15.9 -16.0 -22.2 -18.4 -16.2 -10.0 -9.1 -7.1 -4.8 -2.6 9 -8.9	1,069 761 394 140 81 114 182 176 100 89 333 735 4,175	76 102 231 354 485 438 362 382 536 511 261 160 3,898	994 658 163 -214 -403 -324 -180 -206 -436 -422 72 574
Pebruary February February March April May June July August September October November December Total	R 4,452 R 4,451 R 4,450 R 4,452 R 4,466 R 4,464 R 4,465 R 4,464 R 4,463 R 4,463 R 4,464 4,468 4,468	2,470 2,072 1,850 2,116 R2,576 R2,902 R3,035 3,168 3,490 R3,809 R3,742 3,457 3,457	R 6,922 R 6,523 R 6,300 R 6,569 R 7,042 R 7,365 R 7,500 R 7,632 R 7,952 8,273 8,273 8,206 7,925	254 510 448 8 505 8 575 8 576 8 530 459 344 8 240 8 241 532 532	R 11.5 R 32.7 32.0 31.3 R 28.7 R 24.8 R 21.2 16.9 10.9 6.7 R 6.9 18.2 18.2	R 609 R 529 R 395 126 R 82 R 105 R 186 233 155 R 121 R 298 454 3,292	153 R 130 R 171 R 395 R 534 R 448 R 320 365 478 R 442 233 170 3,840	R 456 399 224 R -269 -452 R -344 -133 -323 -321 R 65 284

 ^a For total underground storage capacity at the end of each calendar year, see
 Note 4, "Natural Gas Storage," at end of section.
 ^b For 1980–2018, data differ from those shown on Table 4.1, which includes

beginning in 1973. Sources: •

beginning in 1973.
Sources:

Storage Activity: 1949–1975—U.S. Energy Information Administration (EIA), Natural Gas Annual 1994, Volume 2, Table 9.
1976–1979—EIA, Natural Gas Production and Consumption 1979, Table 1.
1980–1995—EIA, Historical Natural Gas Annual 1930 Through 2000, Table 11.
1996–2014—EIA, Natural Gas Monthly (NGM), monthly issues. 2015–2020—EIA, NGA, annual reports. 2021 forward—EIA, NGM, February 2024, Table 8.

All Other Data:1954–1974—American Gas Association, Gas Facts, annual issues.
1975 and 1976—Federal Energy Administration (FEA), Form FEA-G318-M-0, "Underground Gas Storage Report," and Federal Commission (FPC), Form FEA-G318-M-0, "Underground Gas Storage Report," and Federal Energy Regulatory Commission (FERC), Form FERC-8, "Underground Gas Storage Report." 1979–1995—EIA, Form EIA-191, "Underground Gas Storage Report," and FERC-8, "Underground Gas Storage Report," and FERC-8, "Underground Gas Storage Report," and FERC-8, "Underground Gas Storage Report," 1996–2020—EIA, NGA, annual reports. 2021 forward—EIA, NGM, February 2024, Table 8.

P For 1980–2018, data differ from those shown on Table 4.1, which includes liquefied natural gas storage for that period.
 Positive numbers indicate that withdrawals are greater than injections. Negative numbers indicate that injections are greater than withdrawals. Net withdrawals or injections may not equal the difference between applicable ending stocks. See Note 4, "Natural Gas Storage," at end of section.
 R=Revised. ——Not applicable. NA=Not available.
 Notes: 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 components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia (except Alaska, which is excluded through 2012).

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

Natural Gas

Note 1. Natural Gas Production. Final annual data are from the U.S. Energy Information Administration's (EIA) *Natural Gas Annual (NGA)*.

Data for the two most recent months presented are estimated. Some of the data for earlier months are also estimated or computed. For a discussion of computation and estimation procedures, see EIA's *Natural Gas Monthly (NGM)*.

Monthly data are considered preliminary until after publication of the NGA. Preliminary monthly data are gathered from reports to the Interstate Oil Compact Commission and the U.S. Minerals Management Service. Volumetric data are converted, as necessary, to a standard pressure base of 14.73 psia (pounds per square inch absolute) at 60° Fahrenheit. Unless there are major changes, data are not revised until after publication of the NGA.

Differences between annual data in the NGA and the sum of preliminary monthly data (January–December) are allocated proportionally to the months to create final monthly data.

Note 2. Natural Gas Plant Liquids Production. Natural gas plant liquids (NGPL) production is the reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants—these natural gas plant liquids are transferred to petroleum supply.

Annual data are from EIA's *Natural Gas Annual (NGA)*, where they are estimated on the basis of the type and quantity of liquid products extracted from the gas stream and the calculated volume of such products at standard conditions. For a detailed explanation of the calculations used to derive estimated NGPL production, see the NGA.

Through 2006, preliminary monthly data are estimated on the basis of NGPL production as an annual percentage of marketed production. Beginning in 2007, preliminary monthly data are estimated on the basis of NGPL production reported on Form EIA-816, "Monthly Natural Gas Liquids Report."

Monthly data are revised and considered final after publication of the NGA. Final monthly data are estimated by allocating annual NGPL production data to the months on the basis of total natural gas marketed production data from the NGA.

Note 3. Supplemental Gaseous Fuels. Supplemental gaseous fuels are any substances that, introduced into or commingled with natural gas, increase the volume available for disposition. Such substances include, but are not limited to, propane-air, refinery gas, coke oven gas, still gas, manufactured gas, biomass gas, and air or inert gases added for Btu stabilization.

Annual data beginning with 1980 are from EIA's *Natural Gas Annual (NGA)*. Unknown quantities of supplemental gaseous fuels are included in consumption data for 1979 and earlier years. Monthly data are considered preliminary until after publication of the NGA. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. The ratio is applied to the monthly sum of the three elements to compute a monthly supplemental gaseous fuels figure.

Although the total amount of supplemental gaseous fuels consumed is known for 1980 forward, the amount consumed by each energy-use sector is estimated by EIA. These estimates are used to create natural gas (without supplemental gaseous fuels) data for Tables 1.3, 2.2, 2.3, 2.4, and 2.6 (note: to avoid double-counting in these tables, supplemental gaseous fuels are accounted for in their primary energy category: "Coal," "Petroleum," or "Biomass"). It is assumed that supplemental gaseous fuels are commingled with natural gas consumed by the residential, commercial, other industrial, and electric power sectors, but are not commingled with natural gas used for lease and plant fuel, pipelines and distribution, or vehicle fuel. The estimated consumption of supplemental gaseous fuels by each sector (residential, commercial, other industrial, and electric power) is calculated as that sector's natural gas consumption (see Table 4.3) divided by the sum of natural gas consumption by the residential, commercial, other industrial, and electric power sectors (see Table 4.3), and then multiplied by total supplemental gaseous fuels consumption (see Table 4.1). For estimated sectoral consumption of supplemental gaseous fuels in Btu, the residential, commercial, and other industrial values in cubic feet are multiplied by the "End-Use Sectors" conversion factors (see Table A4), and the electric power

values in cubic feet are multiplied by the "Electric Power Sector" conversion factors (see Table A4). Total supplemental gaseous fuels consumption in Btu is calculated as the sum of the Btu values for the sectors.

Note 4. Natural Gas Storage. Natural gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals from the quantity in storage at the end of the previous period. Injection and withdrawal data from the FERC-8/EIA-191 survey may be adjusted to correspond to data from Form EIA-176 for publication of EIA's *Natural Gas Annual (NGA)*.

Total underground storage capacity, which includes both active and inactive fields, at the end of each calendar year since 1975 (first year data were available), in billion cubic feet, was:

Total underground storage capacity, including active and inactive fields (billion cubic feet)

Decade	Year-0	Year-1	Year-2	Year-3	Year-4	Year-5	Year-6	Year-7	Year-8	Year-9
1970s						6,280	6,544	6,678	6,890	6,929
1980s	7,434	7,805	7,915	7,985	8,043	8,087	8,145	8,124	8,124	8,120
1990s	7,794	7,993	7,932	7,989	8,043	7,953	7,980	8,332	8,179	8,229
2000s	8,241	8,182	8,207	8,206	8,255	8,268	8,330	8,402	8,499	8,656
2010s	8,764	8,849	8,991	9,173	9,233	9,231	9,239	9,261	9,241	9,231
2020s	9,259	9,265	9,269	9,278 ^P						

P=Preliminary

Through 1990, monthly underground storage data are collected from the Federal Energy Regulatory Commission Form FERC-8 (interstate data) and EIA Form EIA-191 (intrastate data). Beginning in 1991, all data are collected on the revised Form EIA-191. Injection and withdrawal data from the EIA-191 survey may be adjusted to correspond to data from Form EIA-176 following publication of EIA's NGA.

The final monthly and annual storage and withdrawal data for 1980–2017 include both underground and liquefied natural gas (LNG) storage. Annual data on LNG additions and withdrawals are from Form EIA-176. Monthly data are estimated by computing the ratio of each month's underground storage additions and withdrawals to annual underground storage additions and withdrawals and applying the ratio to the annual LNG data.

Note 5. Natural Gas Balancing Item. The balancing item for natural gas represents the difference between the sum of the components of natural gas supply and the sum of components of natural gas disposition. The differences may be due to quantities lost or to the effects of data reporting problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems that vary in scope, format, definitions, and type of respondents.

Note 6. Natural Gas Consumption. Natural gas consumption statistics include data for the following: "Residential Sector": residential deliveries; "Commercial Sector": commercial deliveries, including to commercial combined-heat-and-power (CHP) and commercial electricity-only plants; "Industrial Sector": lease and plant fuel use, and other industrial deliveries, including to industrial CHP and industrial electricity-only plants also includes the relatively small amount of natural gas consumption for non-combustion use (see Tables 1.12a and 1.12b); "Transportation Sector": pipelines and distribution use, and vehicle fuel use; and "Electric Power Sector": electric utility and independent power producer use.

Final data for series other than "Other Industrial CHP" and "Electric Power Sector" are from EIA's *Natural Gas Annual (NGA)*. Monthly data are considered preliminary until after publication of the NGA. For more detailed information on the methods of estimating preliminary and final monthly data, see EIA's *Natural Gas Monthly*.

Note 7. Natural Gas Consumption, 1989–1992. Prior to 1993, deliveries to nonutility generators were not separately collected from natural gas companies on Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." As a result, for 1989–1992, those volumes are probably included in both the industrial and electric power

sectors and double-counted in total consumption. In 1993, 0.28 trillion cubic feet was reported as delivered to nonutility generators.

Note 8. Natural Gas Data Adjustments, 1993–2000. For 1993–2000, the original data for natural gas delivered to industrial consumers (now "Other Industrial" in Table 4.3) included deliveries to both industrial users and independent power producers (IPPs). These data were adjusted to remove the estimated consumption at IPPs from "Other Industrial" and include it with electric utilities under "Electric Power Sector." (To estimate the monthly IPP consumption, the monthly pattern for Other Industrial CHP in Table 4.3 was used.)

For 1996–2000, monthly data for several natural gas series shown in EIA's Natural Gas Navigator (see http://www.eia.gov/dnav/ng/ng_cons_sum_dcu_nus_m.htm) were not reconciled and updated to be consistent with the final annual data in EIA's *Natural Gas Annual*. In the *Monthly Energy Review*, monthly data for these series were adjusted so that the monthly data sum to the final annual values. The Table 4.1 data series (and years) that were adjusted are: Gross Withdrawals (1996, 1997), Marketed Production (1997), NGPL Production (1997, 1998, and 2000), Dry Gas Production (1996, 1997), Supplemental Gaseous Fuels (1997–2000), Balancing Item (1997–2000), and Total Consumption (1997–2000). The Table 4.3 data series (and years) that were adjusted are: Lease and Plant Fuel (1997–2000), Total Industrial (1997–2000), Pipelines and Distribution (2000), Total Transportation (2000), and Total Consumption (1997–2000).

Note 9. Natural Gas Imports and Exports. The United States imports natural gas via pipeline from Canada and Mexico; and imports liquefied natural gas (LNG) via vessel from other countries. In addition, small amounts of LNG arrived from Canada via truck in 1973, 1977, 1981, and 2013 forward. Also, small amounts of compressed natural gas (CNG) were imported from Canada in 2014 forward. The United States exports natural gas via pipeline to Canada and Mexico; and exports LNG via vessel to other countries. Also, small amounts of LNG have gone to Mexico via truck since 1998 and via vessel since 2016, and to Canada via truck in 2007 and 2012 forward. Small amounts of CNG have been exported to Canada since 2013. Natural gas exports include re-exports.

Annual and final monthly data are from the annual EIA Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and FE-746R, "Import and Export of Natural Gas."

Preliminary monthly data are EIA estimates. For a discussion of estimation procedures, see EIA's *Natural Gas Monthly*. Preliminary data are revised after publication of EIA's *Natural Gas Annual*.