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Preface

The *Natural Gas Annual 2021* (NGA) provides information on the supply and disposition of natural gas to a wide audience, including Congress, federal and state agencies, industry analysts, consumers, and educational institutions. The first set of tables presents 2021 data in a sequence that follows natural gas (including supplemental supplies) from its production to its end use. Tables summarizing natural gas supply and disposition from 2017 to 2021 for each state follow these tables. Annual historical data are shown at the national level.

Data sources

We collect most of NGA data from our surveys. Most of the sector-level NGA consumption data come from responses to the mandatory Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*. We mainly obtain production data directly from state and federal agencies, state-sponsored public record databases, or estimates from responses to the mandatory Form EIA-914, *Monthly Crude Oil and Lease Condensate and Natural Gas Production Report*. When production data from these primary sources are not available, we use data from commercial vendors such as Enverus and PointLogic Energy (Appendix A).

Other EIA surveys that provide information for this report are:

- Form EIA-816, *Monthly Natural Gas Liquids Report*, and Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*, for natural gas processed, plant fuel, and natural gas plant liquids production data
- Form EIA-191, *Monthly Underground Gas Storage Report*, for underground natural gas storage injections, withdrawals, and capacities
- Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*, for citygate prices
- Form EIA-923, *Power Plant Operations Report*, for the quantity and price of natural gas consumed by the electric power sector; for 2021, electric power data in this publication come from the 2021 *Electric Power Annual*
- Form EIA-910, *Monthly Natural Gas Marketer Survey*, for natural gas prices paid by residential and commercial end-use customers in the states of Georgia, New York, and Ohio
- Form FE-746R, Office of Fossil Energy and Carbon Management, *Monthly Report of Natural Gas Imports and Exports*, for the quantity and price of natural gas imports and exports

We have revised the previous year's data series as part of our ongoing data quality efforts. We have also revised production volumes and non-marketed components for several states as well as several data series based on Form EIA-176, including deliveries to end-users in several states.

As of report year 2021, well count data will no longer be presented in the NGA. The latest natural gas well count data can be found at <https://www.eia.gov/petroleum/wells/>.

Appendix A discusses data sources and methodology in more detail.

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Overview

Table 1. Summary statistics for natural gas in the United States, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|-------------------|-------------------|-------------------|--------------------|-------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 6,161,420 | 7,864,063 | 7,433,288 | 6,749,352 | 6,346,420 |
| Oil wells | 6,217,438 | 4,503,499 | 4,603,548 | 4,611,984 | 4,555,008 |
| Coalbed wells | 985,653 | 980,730 | 902,544 | 821,141 | 764,458 |
| Shale gas wells | 19,927,602 | 23,977,248 | 27,840,830 | 28,431,290 | 30,000,232 |
| Total gross withdrawals | 33,292,113 | 37,325,539 | 40,780,210 | 40,613,767 | 41,666,118 |
| Non-marketed disposition | | | | | |
| Repressuring | 3,538,733 | 3,587,368 | 3,521,924 | 3,716,990 | 3,721,408 |
| Vented and flared | 255,488 | 470,601 | 539,480 | 419,723 | 286,668 |
| Nonhydrocarbon gases removed | 260,066 | 258,703 | 271,889 | 274,607 | 329,664 |
| Total non-marketed disposition | 4,054,287 | 4,316,672 | 4,333,293 | 4,411,321 | 4,337,740 |
| Dry production | | | | | |
| Marketed production | 29,237,825 | 33,008,867 | 36,446,918 | 36,202,446 | 37,328,378 |
| NGPL production, gaseous equivalent | 1,897,242 | 2,234,593 | 2,547,897 | R2,709,697 | 2,810,580 |
| Total dry production | 27,340,583 | 30,774,274 | 33,899,021 | R33,492,749 | 34,517,798 |
| Supply (million cubic feet) | | | | | |
| Dry production | 27,340,583 | 30,774,274 | 33,899,021 | R33,492,749 | 34,517,798 |
| Receipts at U.S. borders | | | | | |
| Imports | 3,033,226 | 2,888,847 | 2,741,717 | R2,551,175 | 2,807,961 |
| Intransit receipts | 13,660 | 13,141 | 207,514 | R384,250 | 400,650 |
| Withdrawals from storage | | | | | |
| Underground storage | 3,590,479 | 3,999,424 | 3,652,802 | 3,411,906 | 3,761,119 |
| LNG storage | 42,868 | 50,454 | 47,769 | 34,042 | 42,086 |
| Supplemental gas supplies | 65,696 | 69,343 | 60,766 | 63,146 | 66,044 |
| Balancing item | -413,636 | -288,232 | -400,445 | R-337,844 | -368,872 |
| Total supply | 33,672,877 | 37,507,249 | 40,209,143 | R39,599,424 | 41,226,785 |
| Disposition (million cubic feet) | | | | | |
| Consumption | 27,139,699 | 30,138,930 | 31,132,041 | R30,513,453 | 30,664,951 |
| Deliveries at U.S. borders | | | | | |
| Exports | 3,153,804 | 3,607,841 | 4,657,657 | R5,284,678 | 6,652,609 |
| Intransit deliveries | 126 | 24,863 | 215,440 | R175,578 | 188,435 |
| Additions to storage | | | | | |
| Underground storage | 3,336,635 | 3,675,913 | 4,152,521 | 3,589,791 | 3,677,933 |
| LNG storage | 42,613 | 59,702 | 51,483 | 35,923 | 42,856 |
| Total disposition | 33,672,877 | 37,507,249 | 40,209,143 | R39,599,424 | 41,226,785 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 1,159,864 | 1,248,046 | 1,332,506 | 1,290,554 | 1,370,570 |
| Pipeline and distribution use | 722,049 | 876,535 | 1,018,095 | R1,017,904 | 1,129,562 |
| Plant fuel | 423,071 | 446,192 | 490,434 | R518,913 | 530,675 |
| Delivered to consumers | | | | | |
| Residential | 4,413,324 | 4,997,554 | 5,018,519 | R4,674,461 | 4,716,208 |
| Commercial | 3,164,615 | 3,513,954 | 3,514,566 | R3,169,955 | 3,298,222 |
| Industrial | 7,943,018 | 8,417,300 | 8,416,660 | R8,160,801 | 8,294,683 |
| Vehicle fuel | 48,204 | 50,413 | 53,166 | R49,141 | 54,479 |
| Electric power | 9,265,555 | 10,588,937 | 11,288,096 | R11,631,723 | 11,270,552 |
| Total delivered to consumers | 24,834,715 | 27,568,157 | 28,291,006 | R27,686,082 | 27,634,144 |
| Total consumption | 27,139,699 | 30,138,930 | 31,132,041 | R30,513,453 | 30,664,951 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 605,105 | 691,808 | 656,745 | 607,816 | 597,685 |
| Commercial | 1,478,318 | 1,616,830 | 1,615,853 | R1,485,290 | 1,523,712 |
| Industrial | 6,768,533 | 7,194,582 | 7,325,264 | R7,087,827 | 7,179,946 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------|------------|------------|-------------|------------|
| Number of consumers | | | | | |
| Residential | 69,067,541 | 69,737,549 | 70,431,299 | R71,540,702 | 71,936,075 |
| Commercial | 5,499,932 | 5,518,358 | 5,551,599 | R5,627,741 | 5,611,726 |
| Industrial | 184,959 | 185,009 | 183,507 | R184,458 | 182,019 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 575 | 637 | 633 | 563 | 588 |
| Industrial | 42,945 | 45,497 | 45,866 | R44,242 | 45,570 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 2.60 | 2.69 | 2.55 | 2.07 | 3.78 |
| Exports | 3.54 | 3.89 | 3.64 | 3.70 | 6.38 |
| NGPL composite spot price | 6.92 | 8.20 | 5.49 | 4.47 | 9.02 |
| Natural gas spot price | 2.99 | 3.15 | 2.56 | 2.03 | 3.89 |
| Citygate | 4.16 | 4.23 | 3.81 | 3.43 | 6.02 |
| Delivered to consumers | | | | | |
| Residential | 10.91 | 10.50 | 10.51 | 10.78 | 12.18 |
| Commercial | 7.88 | 7.79 | 7.61 | 7.49 | 8.79 |
| Industrial | 4.08 | 4.19 | 3.90 | 3.32 | 5.50 |
| Electric power | 3.51 | 3.68 | 2.99 | R2.49 | 5.17 |

^R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blowdown (defined as the release of natural gas from a pipeline in order to perform maintenance or testing).

^b The natural gas plant liquid (NGPL) composite spot price, shown in dollars per million British thermal units (\$/MMBtu), is derived from daily Bloomberg spot price data for NGPLs at Mont Belvieu, Texas, weighted by natural gas processing plant production volumes of each product as reported on Form EIA-816, *Monthly Natural Gas Liquids Report* (Appendix A, Explanatory Note 9, of the [Natural Gas Monthly](#)).

^c The natural gas spot price, shown in \$/MMBtu, represents the average of the daily closing spot prices for natural gas at the Henry Hub in Louisiana, taken from Refinitiv, an LSEG business. See Appendix A, Explanatory Note 9, of the [Natural Gas Monthly](#) for full discussion.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-886, *Annual Survey of Alternative Fueled Vehicles* (2017); Form EIA-910, *Monthly Natural Gas Marketer Survey*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: The United States refers to the 50 states and District of Columbia. *Marketed production* volumes are equal to *total gross withdrawals* minus *repressuring, vented and flared, and nonhydrocarbon gases removed*. *Total dry production* volumes are equal to *marketed production* minus *NGPL production*. Liquefied natural gas (LNG) marine terminals do not report volumes of LNG injected or withdrawn during the course of routine operations. *Vehicle fuel* estimates include volumes sent directly to fueling stations and end-users, as well as company fleets owned or fueled by natural gas distributors. In instances where industrial or commercial end-users fuel their own natural-gas-powered fleets, those volumes are most likely categorized as industrial or commercial, respectively. Totals may not equal sum of components because of independent rounding and/or withheld data. Prices are in nominal dollars. U.S. prices represent the weighted average of the states in each sector.

Figure 1. Natural gas flow in the United States, 2021
trillion cubic feet



^aNGPL refers to natural gas plant liquids.

^bIndustrial includes lease and plant fuel.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-914, *Monthly Natural Gas Production Report*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Form EIA-923, *Power Plant Operations Report*; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; the Bureau of Safety and Environmental Enforcement and predecessor agencies; state and federal agencies; IHS Markit; Enverus; and EIA estimates based on historical data.

Note: The balancing item is expressed in this flow diagram as an outflow and is therefore a positive number. In the *Natural Gas Annual* tables, it is expressed as -0.37 trillion cubic feet because U.S. total supply is greater than disposition for 2021. *Transportation* includes vehicle fuel and pipeline and distribution use.

Table 2. Natural gas production, transmission, and consumption, by state, 2021

million cubic feet

| State or district | Marketed production | NGPL production | Balancing item ^a | Net interstate movements ^b | Net movements across U.S. borders ^b | Net storage changes ^c | Supplemental gas supplies | Consumption |
|----------------------|---------------------|------------------|-----------------------------|---------------------------------------|--|----------------------------------|---------------------------|-------------------|
| Alabama | 107,233 | 3,048 | -69,329 | 673,211 | 0 | -2,358 | 0 | 710,424 |
| Alaska | 354,660 | 21,043 | 55,176 | 0 | 0 | -2,863 | 0 | 391,656 |
| Arizona | 229 | 0 | -34,012 | 605,953 | -101,652 | 0 | 0 | 470,518 |
| Arkansas | 448,187 | 202 | -2,267 | -93,042 | 0 | 960 | 0 | 351,716 |
| California | 140,604 | 7,468 | 83,568 | 2,014,370 | -150,347 | -11,886 | 0 | 2,092,612 |
| Colorado | 1,879,457 | 192,934 | -43,843 | -1,149,462 | -42 | -73 | 3,938 | 497,187 |
| Connecticut | 0 | 0 | 32,159 | 267,258 | 0 | -80 | 0 | 299,497 |
| Delaware | 0 | 0 | 23,625 | 58,752 | 0 | -5 | * | 82,382 |
| District of Columbia | 0 | 0 | 0 | 27,458 | 0 | 0 | 0 | 27,458 |
| Florida | 888 | 177 | 1,677 | 1,540,172 | -1,149 | 0 | 0 | 1,541,411 |
| Georgia | 0 | 0 | 20,960 | 833,472 | -84,442 | 2,069 | 383 | 768,305 |
| Gulf of Mexico | 780,471 | 77,696 | 9,668 | -634,971 | 0 | 0 | 0 | 77,472 |
| Hawaii | 0 | 0 | 145 | 0 | 0 | 0 | 2,639 | 2,783 |
| Idaho | 1,331 | 19 | -8,580 | -716,998 | 853,296 | -182 | 0 | 129,212 |
| Illinois | 2,131 | 28 | 235,782 | 866,264 | 0 | -2,375 | 1,287 | 1,107,811 |
| Indiana | 4,063 | 0 | 72,077 | 754,318 | 0 | 3,219 | 1 | 827,240 |
| Iowa | 0 | 0 | -109,168 | 499,245 | 0 | 3,807 | 0 | 386,270 |
| Kansas | 152,986 | 13,864 | 43,521 | 101,267 | 0 | 927 | 0 | 282,981 |
| Kentucky | 75,373 | 5,000 | 4,223 | 280,857 | 0 | 2,785 | 144 | 352,811 |
| Louisiana | 3,431,429 | 26,173 | -128,023 | 268,885 | -1,843,491 | -48,872 | 0 | 1,751,499 |
| Maine | 0 | 0 | 58,198 | 65,492 | -71,893 | * | 0 | 51,797 |
| Maryland | 5 | 0 | -745 | 528,781 | -234,236 | 1,791 | 155 | 292,169 |
| Massachusetts | 0 | 0 | 2,439 | 369,045 | 21,423 | 397 | 15 | 392,524 |
| Michigan | 72,301 | 849 | -144,560 | 1,580,683 | -643,427 | -37,767 | 0 | 901,916 |
| Minnesota | 0 | 0 | -52,930 | -61,094 | 603,749 | -118 | 29 | 489,872 |
| Mississippi | 27,569 | 3 | -78,814 | 623,200 | 0 | 4,625 | 0 | 567,327 |
| Missouri | 0 | 0 | 35,547 | 259,469 | 0 | 425 | 19 | 294,611 |
| Montana | 38,693 | 1,240 | -30,175 | -219,980 | 292,121 | -2,204 | 0 | 81,624 |
| Nebraska | 327 | 0 | 98,974 | 82,146 | 0 | 341 | 366 | 181,472 |
| Nevada | 4 | 0 | 14,483 | 279,672 | -1 | -3 | 0 | 294,161 |
| New Hampshire | 0 | 0 | -13,643 | -37,232 | 109,127 | -1 | 0 | 58,252 |
| New Jersey | 0 | 0 | -368,713 | 1,042,240 | 0 | 593 | 0 | 672,934 |
| New Mexico | 2,237,706 | 195,991 | -452,837 | -1,329,310 | 0 | -16,465 | 0 | 276,033 |
| New York | 9,708 | 0 | 714,193 | 666,444 | -73,161 | -1,377 | 0 | 1,318,560 |
| North Carolina | 0 | 0 | -54,701 | 666,699 | 0 | 276 | 0 | 611,722 |
| North Dakota | 999,025 | 200,324 | -138,069 | -1,076,670 | 546,822 | 0 | 51,779 | 182,563 |
| Ohio | 2,281,193 | 46,575 | 11,803 | -1,042,643 | 0 | 1,326 | 2,632 | 1,205,084 |
| Oklahoma | 2,571,834 | 257,960 | -225,696 | -1,359,076 | 0 | 16,862 | 0 | 712,240 |
| Oregon | 205 | 0 | -6,861 | 288,816 | 0 | 101 | 0 | 282,060 |
| Pennsylvania | 7,626,504 | 99,914 | -367,866 | -5,358,391 | 0 | -7,439 | * | 1,807,772 |
| Rhode Island | 0 | 0 | -5,174 | 102,027 | 0 | 2 | 0 | 96,852 |
| South Carolina | 0 | 0 | 51,420 | 287,513 | 0 | -922 | 0 | 339,854 |
| South Dakota | 161 | 0 | 3,698 | 86,294 | 0 | 0 | 0 | 90,153 |
| Tennessee | 3,602 | 16 | 904 | 396,066 | 0 | 156 | 0 | 400,400 |
| Texas | 9,875,390 | 1,374,897 | 455,089 | -973,515 | -3,311,609 | 7,006 | 2,569 | 4,666,021 |
| Utah | 239,405 | 8,638 | -34,779 | 66,523 | 0 | 1,762 | 0 | 260,749 |
| Vermont | 0 | 0 | -66 | 0 | 13,337 | 0 | 1 | 13,272 |
| Virginia | 96,044 | 72 | 41,480 | 531,146 | 0 | -195 | 86 | 668,879 |
| Washington | 0 | 0 | -92,287 | -3,569 | 443,142 | -1,386 | 0 | 348,671 |
| West Virginia | 2,760,429 | 222,738 | 33,890 | -2,302,378 | 0 | 10,516 | 0 | 258,687 |
| Wisconsin | 0 | 0 | -1,745 | 544,352 | 0 | -11 | 0 | 542,618 |
| Wyoming | 1,109,232 | 53,711 | -8,685 | -899,762 | 0 | -5,782 | 0 | 152,855 |
| Total | 37,328,378 | 2,810,580 | -368,872 | 0 | -3,632,433 | -82,415 | 66,044 | 30,664,951 |

^a Balancing item volumes are equal to total disposition (net storage changes plus natural gas plant liquid [NGPL] production plus consumption) minus total supply (marketed production plus net interstate movements plus net movements across U.S. borders plus supplemental gas supplies).

^b Positive numbers denote net receipts; negative numbers denote net deliveries.

^c Negative numbers indicate withdrawals from storage in excess of additions to storage and are, therefore, additions to total supply.

* Volume is less than 500,000 cubic feet.

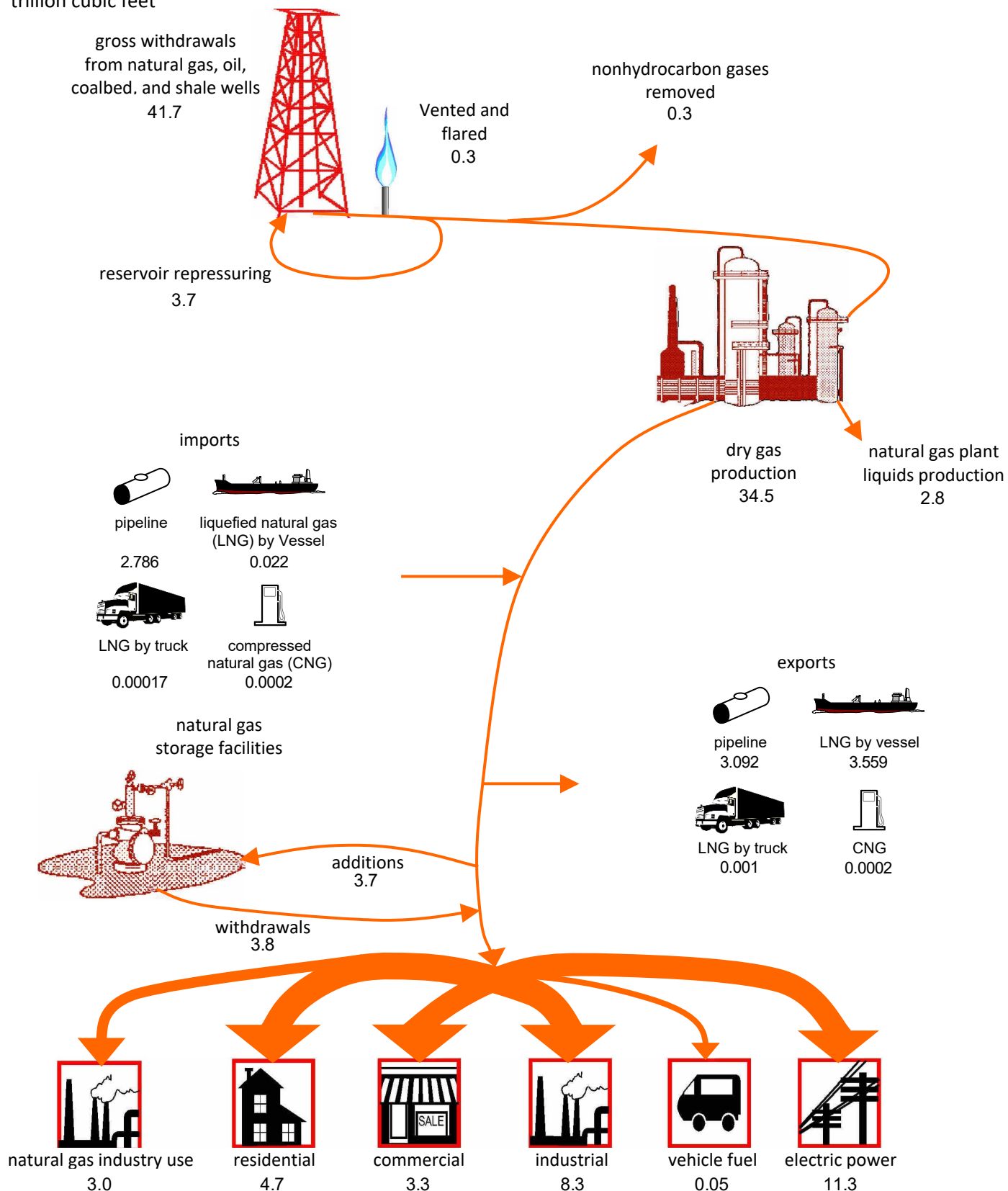
^e Estimated data.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-191, *Monthly Underground Gas Storage Report*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; the Bureau of Safety and Environmental Enforcement; state and federal agencies; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; and Enverus.

Note: Totals may not equal sum of components because of independent rounding and/or withheld data.

Figure 2. Natural gas supply and disposition in the United States, 2021

trillion cubic feet



Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; the Bureau of Safety and Environmental Enforcement and predecessor agencies; Form EIA-923, *Power Plant Operations Report*; state and federal agencies; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Natural gas supplies

Table 3. Gross withdrawals and marketed production of natural gas by state and the Gulf of Mexico, 2017-2021
million cubic feet

| Year and state/region | Gross withdrawals | | | | | Nonhydrocarbon | | | | | Dry production |
|-----------------------|------------------------|------------------|--------------------|----------------------|-------------------|-------------------|----------------|---------------------|-------------------|------------------|-------------------|
| | From natural gas wells | From oil wells | From coalbed wells | From shale gas wells | Total | Vented and flared | Removed | Marketed production | NGPL production | | |
| 2017 total | 6,161,420 | 6,217,438 | 985,653 | 19,927,602 | 33,292,113 | 3,538,733 | 255,488 | 260,066 | 29,237,825 | 1,897,242 | 27,340,583 |
| 2018 total | 7,864,063 | 4,503,499 | 980,730 | 23,977,248 | 37,325,539 | 3,587,368 | 470,601 | 258,703 | 33,008,867 | 2,234,593 | 30,774,274 |
| 2019 total | 7,433,288 | 4,603,548 | 902,544 | 27,840,830 | 40,780,210 | 3,521,924 | 539,480 | 271,889 | 36,446,918 | 2,547,897 | 33,899,021 |
| 2020 total | 6,749,352 | 4,611,984 | 821,141 | 28,431,290 | 40,613,767 | 3,716,990 | 419,723 | 274,607 | 36,202,446 | 2,709,697 | 33,492,749 |
| 2021 total | 6,346,420 | 4,555,008 | 764,458 | 30,000,232 | 41,666,118 | 3,721,408 | 286,668 | 329,664 | 37,328,378 | 2,810,580 | 34,517,798 |
| Alabama | 61,097 | 3,711 | 42,425 | 0 | 107,233 | 0 | 0 | 0 | 107,233 | 3,048 | 104,185 |
| Onshore | 15,596 | 3,711 | 42,425 | 0 | 61,732 | NA | NA | NA | 61,732 | 1,854 | 59,878 |
| State offshore | 45,501 | 0 | 0 | 0 | 45,501 | NA | NA | NA | 45,501 | 1,194 | 44,307 |
| Alaska | 70,835 | 3,415,221 | 0 | 0 | 3,486,056 | 3,125,427 | 5,969 | 0 | 354,660 | 21,043 | 333,617 |
| Onshore | 51,206 | 3,037,209 | 0 | 0 | 3,088,415 | 2,768,937 | 5,289 | 0 | 314,190 | 21,043 | 293,147 |
| State offshore | 19,629 | 378,012 | 0 | 0 | 397,641 | 356,491 | 680 | 0 | 40,470 | 0 | 40,470 |
| Arizona | 229 | 0 | 0 | 0 | 229 | NA | NA | NA | 229 | 0 | 229 |
| Arkansas | 67,086 | 1,897 | 909 | 378,295 | 448,187 | NA | NA | NA | 448,187 | 202 | 447,985 |
| California | 25,191 | 35,681 | 1 | 81,237 | 142,110 | 0 | 1,506 | 0 | 140,604 | 7,468 | 133,136 |
| Onshore | 24,498 | 29,263 | 1 | 81,237 | 134,999 | NA | 1,459 | NA | 133,540 | 7,398 | 126,142 |
| State offshore | 33 | 4,294 | 0 | 0 | 4,327 | 0 | 47 | 0 | 4,280 | 28 | 4,252 |
| Federal offshore | 661 | 2,123 | 0 | 0 | 2,784 | 0 | 0 | 0 | 2,784 | 42 | 2,742 |
| Colorado | 554,334 | 12,378 | 268,582 | 1,045,814 | 1,881,108 | NA | 1,651 | NA | 1,879,457 | 192,934 | 1,686,523 |
| Florida | 15 | 8,979 | 0 | 0 | 8,994 | 1,106 | NA | NA | 888 | 177 | 711 |
| Gulf of Mexico | 209,779 | 582,204 | 0 | 0 | 791,983 | 1,763 | 9,749 | 0 | 780,471 | 77,696 | 702,775 |
| Idaho | 1,331 | 0 | 0 | 0 | 1,331 | 0 | 0 | 0 | 1,331 | 19 | 1,312 |
| Illinois | 2,131 | 0 | 0 | 0 | 2,131 | NA | NA | NA | 2,131 | 28 | 2,103 |
| Indiana | 4,063 | 0 | 0 | 0 | 4,063 | NA | NA | NA | 4,063 | 0 | 4,063 |
| Kansas | 140,878 | 0 | 12,060 | 47 | 152,986 | NA | NA | NA | 152,986 | 13,864 | 139,122 |
| Kentucky | 74,525 | 848 | 0 | 0 | 75,373 | NA | NA | NA | 75,373 | 5,000 | 70,373 |
| Louisiana | 534,233 | 21,806 | 41 | 2,880,135 | 3,436,215 | 1,276 | 3,510 | 0 | 3,431,429 | 26,173 | 3,405,256 |
| Onshore | 519,685 | 19,175 | 41 | 2,880,135 | 3,419,036 | 1,270 | 3,492 | 0 | 3,414,274 | 18,562 | 3,395,712 |
| State offshore | 14,548 | 2,631 | 0 | 0 | 17,179 | 6 | 18 | 0 | 17,155 | 7,611 | 9,544 |
| Maryland | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 |
| Michigan | 6,747 | 1,903 | 0 | 63,650 | 72,301 | NA | NA | NA | 72,301 | 849 | 71,452 |
| Mississippi | 23,773 | 3,797 | 0 | 0 | 27,569 | NA | NA | NA | 27,569 | 3 | 27,566 |
| Missouri | NA | 0 | 0 | 0 | 0 | NA | NA | NA | 0 | 0 | 0 |
| Montana | 21,800 | 3,407 | 7 | 16,613 | 41,827 | 4 | 3,130 | NA | 38,693 | 1,240 | 37,453 |
| Nebraska | 1 | 6 | 0 | 320 | 327 | NA | NA | NA | 327 | 0 | 327 |
| Nevada | 1 | 3 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 0 | 4 |
| New Mexico | 449,988 | 90,097 | 195,935 | 1,541,015 | 2,277,035 | 22,616 | 16,713 | NA | 2,237,706 | 195,991 | 2,041,715 |
| New York | 9,322 | 374 | 0 | 12 | 9,708 | NA | NA | NA | 9,708 | 0 | 9,708 |
| North Dakota | 9,812 | 22,861 | 0 | 1,042,685 | 1,075,358 | NA | 76,332 | NA | 999,025 | 200,324 | 798,701 |
| Ohio | 81,937 | 7,796 | 6 | 2,191,453 | 2,281,193 | NA | NA | NA | 2,281,193 | 46,575 | 2,234,618 |
| Oklahoma | 537,544 | 57,226 | 44,474 | 1,932,590 | 2,571,834 | NA | NA | NA | 2,571,834 | 257,960 | 2,313,874 |
| Oregon | 205 | 0 | 0 | 0 | 205 | NA | NA | NA | 205 | 0 | 205 |
| Pennsylvania | 178,435 | 1,312 | 4,103 | 7,442,654 | 7,626,504 | NA | NA | NA | 7,626,504 | 99,914 | 7,526,590 |
| South Dakota | 160 | * | 0 | 0 | 161 | NA | NA | NA | 161 | 0 | 161 |
| Tennessee | 1,360 | 0 | 0 | 0 | 3,602 | NA | NA | NA | 3,602 | 16 | 3,586 |
| Texas | 1,808,055 | 220,644 | 6,605 | 8,634,037 | 10,669,340 | 1,475,391 | 102,267 | 216,292 | 9,875,390 | 1,374,897 | 8,500,493 |
| Onshore | 1,806,856 | 220,444 | 6,605 | 8,634,037 | 10,667,941 | 1,475,329 | 102,254 | 216,264 | 9,874,095 | 1,374,897 | 8,499,198 |
| State offshore | 1,199 | 200 | 0 | 0 | 1,399 | 63 | 13 | 28 | 1,295 | 0 | 1,295 |
| Utah | 166,302 | 30,557 | 29,051 | 14,034 | 239,944 | NA | 539 | NA | 239,405 | 8,638 | 230,767 |
| Virginia | 15,244 | 2 | 80,506 | 291 | 96,044 | NA | NA | NA | 96,044 | 72 | 95,972 |
| West Virginia | 141,360 | 641 | 5,512 | 2,612,917 | 2,760,429 | NA | NA | NA | 2,760,429 | 222,738 | 2,537,691 |
| Wyoming | 1,146,399 | 31,658 | 74,242 | 122,431 | 1,374,730 | 86,824 | 65,301 | 113,372 | 1,109,232 | 53,711 | 1,055,521 |

* Volume is less than 500,000 cubic feet.

^E Estimated data.

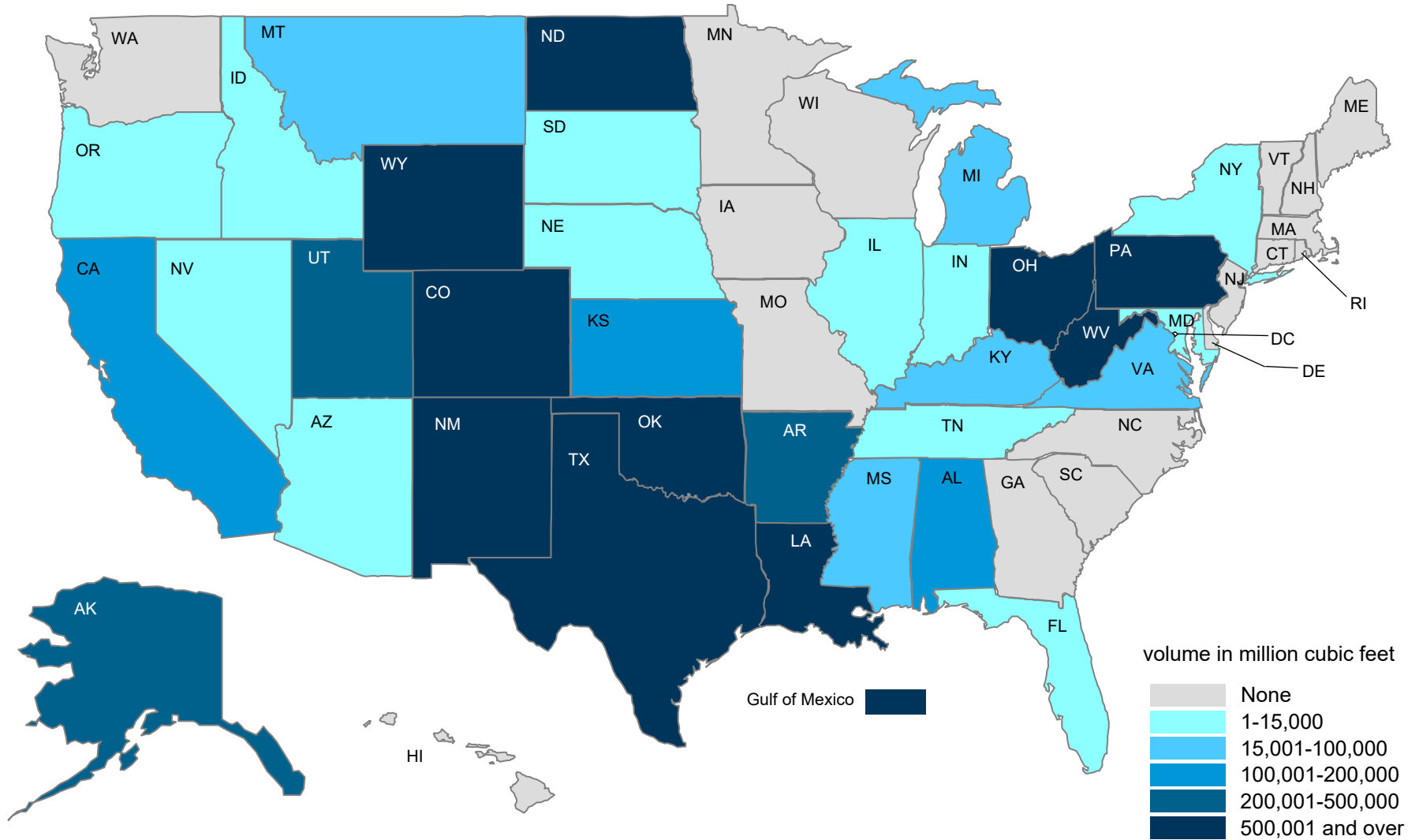
^{NA} Not available.

^R Revised data.

Source: Gross withdrawal volumes in Florida fluctuate year to year because nonhydrocarbon gases are occasionally included in gross withdrawals. We obtained production data for all natural gas producing states directly from state and federal agencies, state-sponsored public record databases, or commercial data vendors such as PointLogic Energy and Enverus. Other sources of production data include responses to the mandatory Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*. Additional data are derived from Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; the Bureau of Safety and Environmental Enforcement; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; and EIA estimates based on historical data.

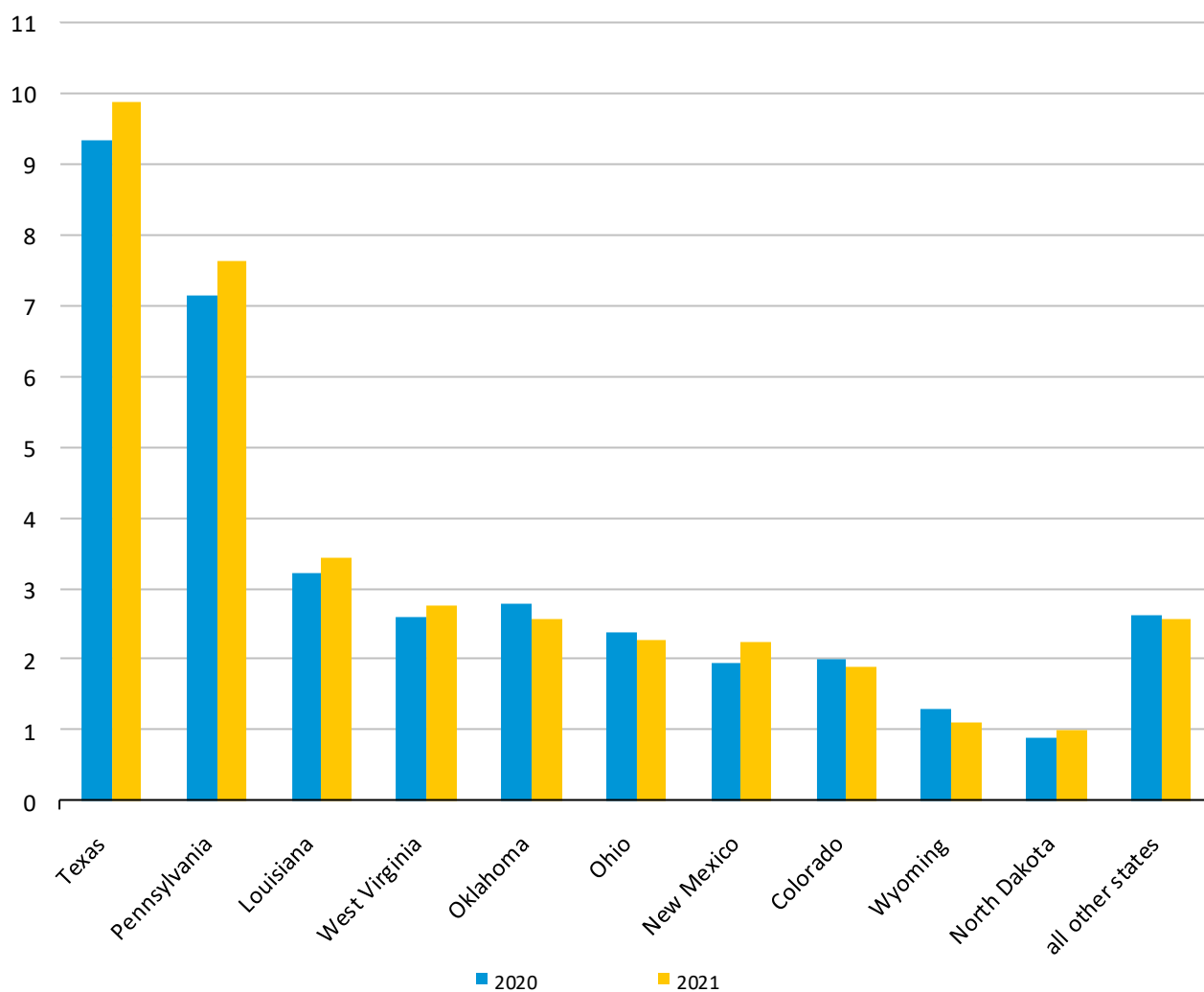
Note: Totals may not equal sum of components because of independent rounding and/or withheld data. Appendix A contains EIA methodology for federal offshore production. We assume some states or areas whose data are labeled NA (not available) to have negligible quantities of natural gas (less than 500,000 cubic feet).

Figure 3. Marketed production of natural gas in the United States and the Gulf of Mexico, 2021
million cubic feet



Source: We obtained production data for all natural gas producing states were obtained directly from state and federal agencies, state-sponsored public record databases, or commercial data vendors such as PointLogic Energy and Enverus. Other sources of production data include responses to the mandatory Form EIA-914, *Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report*. Additional data are derived from Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; the Bureau of Safety and Environmental Enforcement; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; and EIA estimates based on historical data.

Figure 4. Marketed production of natural gas in selected states and the Gulf of Mexico, 2020-2021
trillion cubic feet



Source: We obtained production data for all natural gas producing states were obtained directly from state and federal agencies, state-sponsored public record databases, or commercial data vendors such as PointLogic Energy and Enverus. Other sources of production data include responses to the mandatory Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*. Additional data derived from Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; the Bureau of Safety and Environmental Enforcement; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; and EIA estimates based on historical data.

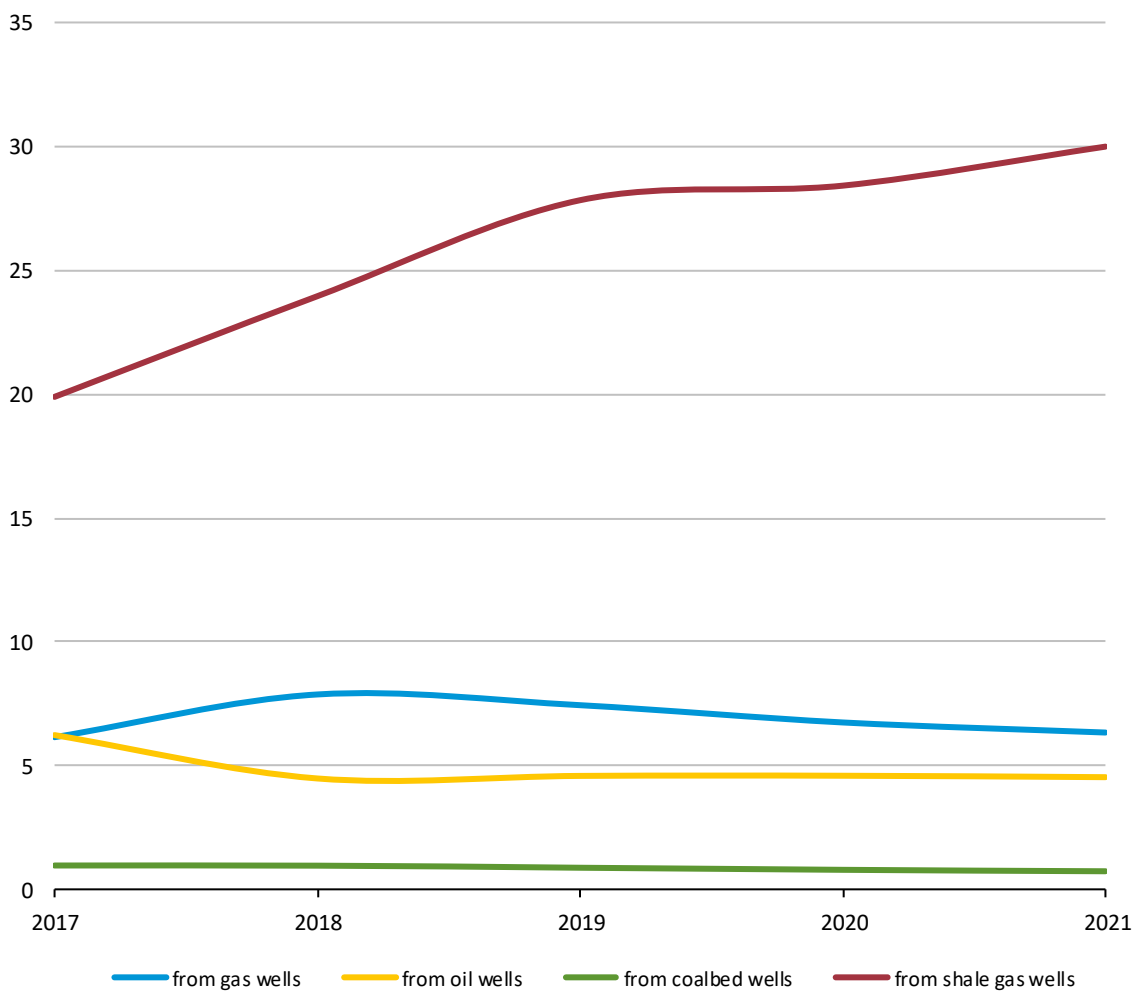
Table 4. Offshore gross withdrawals of natural gas by state and the Gulf of Mexico, 2017-2021
(million cubic feet)

| Year and state/region | State | | | Federal | | | Total offshore |
|-----------------------|------------------------|----------------|----------------|------------------------|----------------|----------------|------------------|
| | From natural gas wells | From oil wells | Total | From natural gas wells | From oil wells | Total | |
| 2017 total | 109,865 | 364,646 | 474,511 | 455,475 | 626,693 | 1,082,168 | 1,556,679 |
| Alabama | 60,931 | 0 | 60,931 | 0 | 0 | 0 | 60,931 |
| Alaska | 12,928 | 356,088 | 369,016 | 0 | 0 | 0 | 369,016 |
| California | 115 | 4,415 | 4,530 | 804 | 3,146 | 3,950 | 8,480 |
| Gulf of Mexico | 0 | 0 | 0 | 454,672 | 623,547 | 1,078,218 | 1,078,218 |
| Louisiana | 31,099 | 3,958 | 35,056 | 0 | 0 | 0 | 35,056 |
| Texas | 4,793 | 185 | 4,978 | 0 | 0 | 0 | 4,978 |
| 2018 total | 103,700 | 357,135 | 460,835 | 373,185 | 622,947 | 996,132 | 1,456,967 |
| Alabama | 57,066 | 0 | 57,066 | 0 | 0 | 0 | 57,066 |
| Alaska | 20,762 | 351,625 | 372,387 | 0 | 0 | 0 | 372,387 |
| California | 70 | 1,329 | 1,399 | 757 | 2,671 | 3,428 | 4,827 |
| Gulf of Mexico | 0 | 0 | 0 | 372,429 | 620,276 | 992,704 | 992,704 |
| Louisiana | 22,161 | 3,898 | 26,058 | 0 | 0 | 0 | 26,058 |
| Texas | 3,642 | 284 | 3,925 | 0 | 0 | 0 | 3,925 |
| 2019 total | 97,546 | 360,500 | 458,046 | 337,516 | 699,398 | 1,036,914 | 1,494,960 |
| Alabama | 54,347 | 0 | 54,347 | 0 | 0 | 0 | 54,347 |
| Alaska | 15,848 | 352,181 | 368,029 | 0 | 0 | 0 | 368,029 |
| California | 191 | 3,928 | 4,119 | 627 | 2,249 | 2,876 | 6,995 |
| Gulf of Mexico | 0 | 0 | 0 | 336,890 | 697,149 | 1,034,038 | 1,034,038 |
| Louisiana | 24,086 | 4,169 | 28,255 | 0 | 0 | 0 | 28,255 |
| Texas | 3,074 | 222 | 3,295 | 0 | 0 | 0 | 3,295 |
| 2020 total | 88,470 | 374,185 | 462,655 | 236,469 | 571,292 | 807,761 | 1,270,416 |
| Alabama | 48,299 | 0 | 48,299 | 0 | 0 | 0 | 48,299 |
| Alaska | 18,224 | 367,154 | 385,378 | 0 | 0 | 0 | 385,378 |
| California | 228 | 3,539 | 3,766 | 593 | 2,158 | 2,752 | 6,518 |
| Gulf of Mexico | 0 | 0 | 0 | 235,876 | 569,134 | 805,010 | 805,010 |
| Louisiana | 19,400 | 3,328 | 22,727 | 0 | 0 | 0 | 22,727 |
| Texas | 2,319 | 165 | 2,484 | 0 | 0 | 0 | 2,484 |
| 2021 total | 80,910 | 385,137 | 466,047 | 210,439 | 584,327 | 794,767 | 1,260,813 |
| Alabama | 45,501 | 0 | 45,501 | 0 | 0 | 0 | 45,501 |
| Alaska | 19,629 | 378,012 | 397,641 | 0 | 0 | 0 | 397,641 |
| California | 33 | 4,294 | 4,327 | 661 | 2,123 | 2,784 | 7,111 |
| Gulf of Mexico | 0 | 0 | 0 | 209,779 | 582,204 | 791,983 | 791,983 |
| Louisiana | 14,548 | 2,631 | 17,179 | 0 | 0 | 0 | 17,179 |
| Texas | 1,199 | 200 | 1,399 | 0 | 0 | 0 | 1,399 |

Source: We obtained production data for all natural gas producing states were obtained directly from state and federal agencies, state-sponsored public record databases, or commercial data vendors such as PointLogic Energy and Enverus. Other sources of production data include responses to the mandatory Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*. Additional data are derived from the Bureau of Safety and Environmental Enforcement; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; and EIA estimates based on historical data.

Note: Totals may not equal sum of components because of independent rounding and/or withheld data. For individual state and U.S. production, see Table 3.

Figure 5. Gross withdrawals of natural gas in the United States, by type of well, 2017-2021
trillion cubic feet



Source: We obtained production data for all natural gas producing states were obtained directly from state and federal agencies, state-sponsored public record databases, or commercial data vendors such as PointLogic Energy and Enverus. Other sources of production data include responses to the mandatory Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*. Additional data are derived from Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; the Bureau of Safety and Environmental Enforcement; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; and EIA estimates based on historical data.

Table 5. Natural gas processed, liquid fuels extracted, and natural gas plant liquids (NGPL) production, by state, 2021

| Origin of natural gas processed | Location of processing | Natural gas processed (million cubic feet) | Total liquids extracted (thousand barrels) | NGPL production, gaseous equivalent (million cubic feet) |
|---------------------------------|------------------------|--|--|--|
| Alabama | | 37,549 | 2,448 | 3,048 |
| Alabama onshore | Alabama | 6,680 | 1,575 | 1,854 |
| Alabama offshore | Alabama | 30,869 | 873 | 1,194 |
| Alaska | | 3,045,855 | 18,345 | 21,043 |
| Alaska onshore | Alaska | 3,045,855 | 18,345 | 21,043 |
| Alaska offshore | Alaska | NA | NA | NA |
| Arkansas | | 2,477 | 166 | 202 |
| | Arkansas | 2,477 | 166 | 202 |
| California | | 75,319 | 5,589 | 7,468 |
| California onshore | California | 72,327 | 5,528 | 7,398 |
| California offshore | California | 2,418 | 28 | 28 |
| Federal offshore | California | 574 | 33 | 42 |
| Colorado | | 1,901,192 | 137,005 | 192,934 |
| | Colorado | 1,900,080 | 136,967 | 192,881 |
| | Kansas | 115 | 9 | 13 |
| | New Mexico | 382 | 18 | 26 |
| | Utah | 615 | 11 | 14 |
| Florida | | 8,516 | 130 | 177 |
| | Florida | 8,516 | 130 | 177 |
| Gulf of Mexico | | 644,146 | 54,028 | 77,696 |
| | Alabama | 97,880 | 6,563 | 9,391 |
| | Louisiana | 333,287 | 29,509 | 42,534 |
| | Mississippi | 146,786 | 13,767 | 19,680 |
| | Texas | 66,193 | 4,189 | 6,091 |
| Idaho | | 1,352 | 15 | 19 |
| | Idaho | 1,352 | 15 | 19 |
| Illinois | | 166 | 21 | 28 |
| | Illinois | 166 | 21 | 28 |
| Kansas | | 151,859 | 9,732 | 13,864 |
| | Colorado | 1,234 | 52 | 70 |
| | Kansas | 150,625 | 9,680 | 13,794 |
| | Oklahoma | 0 | 0 | 0 |
| | Texas | 0 | 0 | 0 |
| Kentucky | | 72,505 | 3,557 | 5,000 |
| | Kentucky | 42,728 | 2,731 | 3,843 |
| | Tennessee | 3,073 | 114 | 157 |
| | West Virginia | 26,704 | 712 | 1,000 |
| Louisiana | | 499,148 | 18,443 | 26,173 |
| Louisiana onshore | Louisiana | 395,666 | 13,080 | 18,403 |
| | Texas | 980 | 119 | 159 |
| Louisiana offshore | Louisiana | 102,502 | 5,244 | 7,611 |
| Michigan | | 7,515 | 637 | 849 |
| | Michigan | 7,515 | 637 | 849 |
| Mississippi | | 449 | 3 | 3 |
| | Mississippi | 449 | 3 | 3 |
| Montana | | 9,188 | 930 | 1,240 |
| | Montana | 7,253 | 766 | 1,028 |
| | North Dakota | 867 | 119 | 158 |
| | Wyoming | 1,068 | 45 | 54 |
| New Mexico | | 1,464,364 | 138,386 | 195,991 |
| | Colorado | 130,725 | 6,425 | 9,104 |
| | New Mexico | 1,223,360 | 119,909 | 169,686 |
| | Texas | 110,279 | 12,052 | 17,201 |
| North Dakota | | 992,223 | 142,878 | 200,324 |
| | Illinois | 68,351 | 6,357 | 9,700 |
| | North Dakota | 923,872 | 136,521 | 190,624 |
| Ohio | | 446,207 | 32,794 | 46,575 |
| | Ohio | 323,055 | 24,144 | 34,294 |
| | West Virginia | 123,152 | 8,650 | 12,281 |
| Oklahoma | | 1,854,101 | 179,663 | 257,960 |
| | Kansas | 5,846 | 286 | 402 |
| | Oklahoma | 1,848,255 | 179,377 | 257,558 |
| | Texas | 0 | 0 | 0 |

See footnotes at end of table.

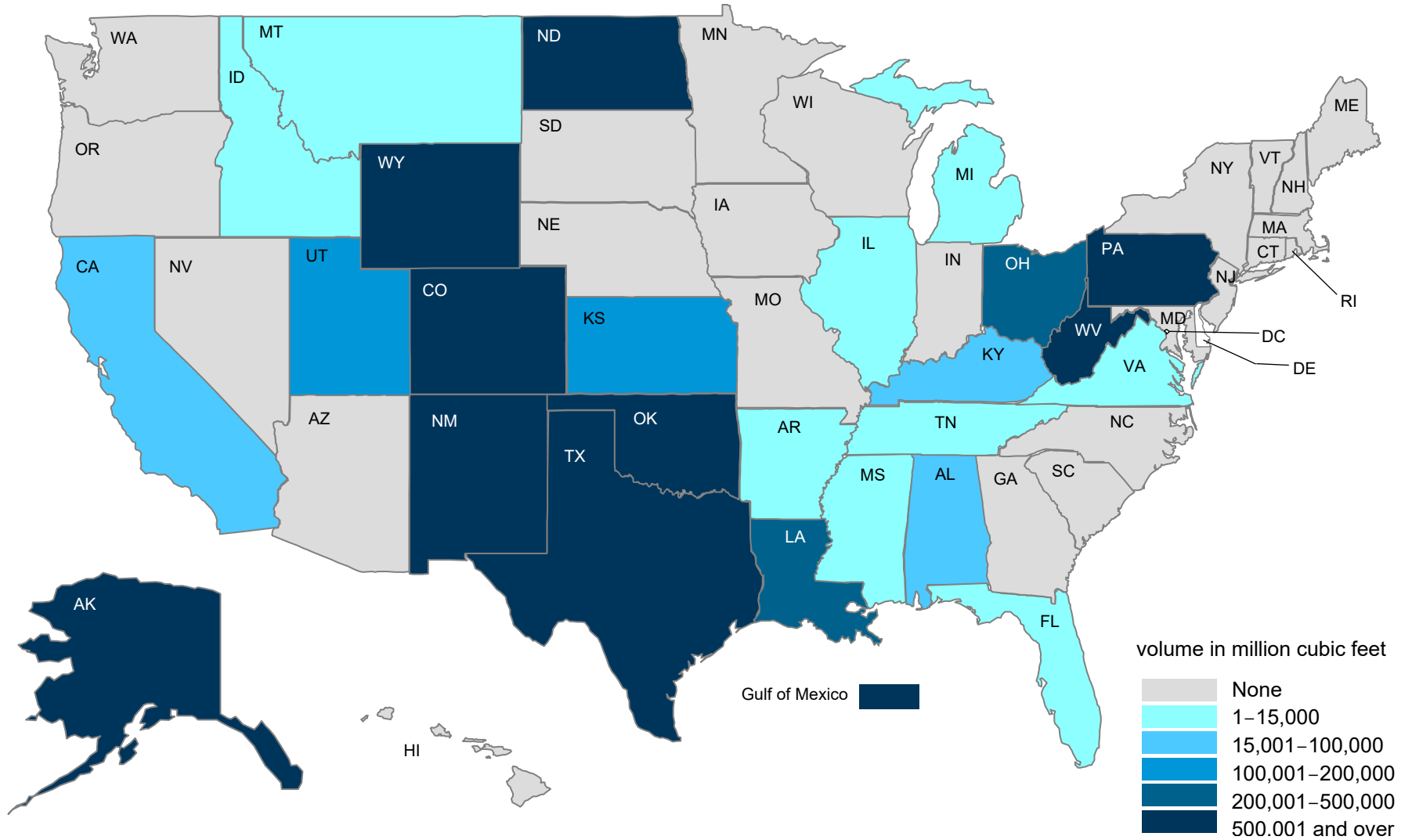
| Origin of natural gas processed | Location of processing | Natural gas processed (million cubic feet) | Total liquids extracted (thousand barrels) | NGPL production, gaseous equivalent (million cubic feet) |
|---------------------------------|------------------------|--|--|--|
| Pennsylvania | | 639,533 | 68,390 | 99,914 |
| | Ohio | 14,751 | 994 | 1,435 |
| | Pennsylvania | 522,958 | 57,288 | 83,713 |
| | West Virginia | 101,824 | 10,108 | 14,766 |
| South Dakota | | 0 | 0 | 0 |
| | North Dakota | 0 | 0 | 0 |
| Tennessee | | 343 | 11 | 16 |
| | Tennessee | 343 | 11 | 16 |
| Texas | | 9,551,847 | 957,049 | 1,374,897 |
| Texas onshore | Kansas | 350,862 | 4,833 | 7,022 |
| | New Mexico | 11,841 | 1,585 | 2,266 |
| | Oklahoma | 23,067 | 1,381 | 1,981 |
| | Texas | 9,166,077 | 949,250 | 1,363,628 |
| Texas offshore | Louisiana | 0 | 0 | 0 |
| | Texas | NA | NA | NA |
| Utah | | 198,732 | 6,430 | 8,638 |
| | Colorado | 3,944 | 161 | 211 |
| | Utah | 193,874 | 6,250 | 8,403 |
| | Wyoming | 914 | 19 | 24 |
| Virginia | | 352 | 52 | 72 |
| | Tennessee | 352 | 52 | 72 |
| West Virginia | | 2,140,724 | 156,145 | 222,738 |
| | West Virginia | 2,140,724 | 156,145 | 222,738 |
| Wyoming | | 903,706 | 39,110 | 53,711 |
| | Wyoming | 903,706 | 39,110 | 53,711 |
| U.S. total | | 24,649,368 | 1,971,957 | 2,810,580 |

^{NA} Not available.

Source: U.S. Energy Information Administration (EIA), Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*.

Note: Totals may not equal sum of components because of independent rounding and/or withheld data. A description of the estimation method and conversion factors used is in Appendix A.

Figure 6. Natural gas processing by point of origin in the United States and the Gulf of Mexico, 2021
million cubic feet



Source: U.S. Energy Information Administration (EIA), Form EIA-64A, Annual Report of the Origin of Natural Gas Liquids Production.

Table 6. Supplemental gas supplies by state, 2021

million cubic feet

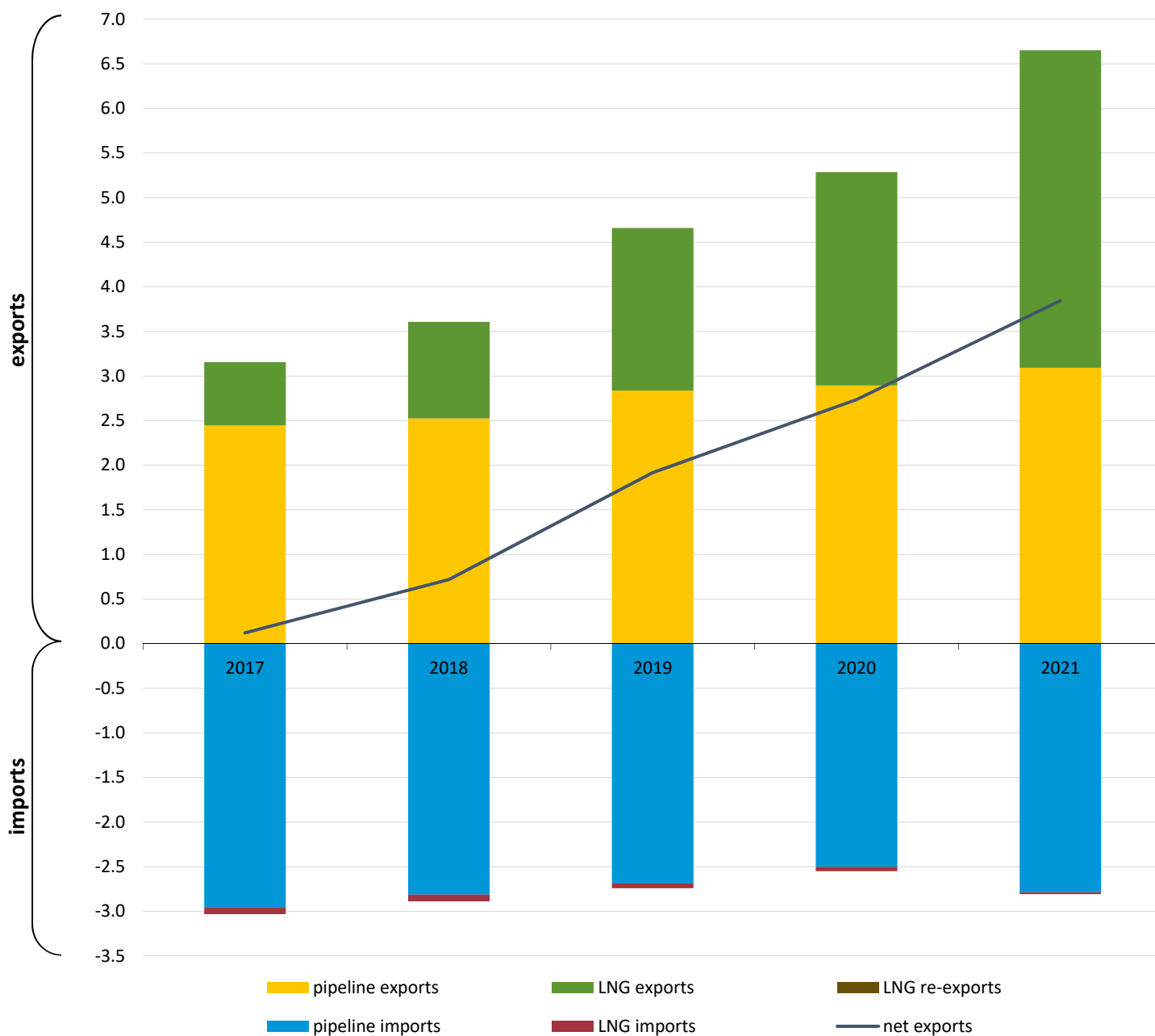
| State | Synthetic natural gas | Propane air | Biomass gas | Other | Total |
|---------------|-----------------------|--------------|--------------|--------------|---------------|
| Colorado | 0 | 20 | 0 | 3,918 | 3,938 |
| Delaware | 0 | * | 0 | 0 | * |
| Georgia | 0 | 0 | 383 | 0 | 383 |
| Hawaii | 2,631 | 8 | 0 | 0 | 2,639 |
| Illinois | 0 | 1 | 1,286 | 0 | 1,287 |
| Indiana | 0 | 1 | 0 | 0 | 1 |
| Kentucky | 0 | 144 | 0 | 0 | 144 |
| Maryland | 0 | 155 | 0 | 0 | 155 |
| Massachusetts | 0 | 15 | 0 | 0 | 15 |
| Minnesota | 0 | 29 | 0 | 0 | 29 |
| Missouri | 19 | 0 | 0 | 0 | 19 |
| Nebraska | 0 | 327 | 39 | 0 | 366 |
| North Dakota | 51,779 | 0 | 0 | 0 | 51,779 |
| Ohio | 0 | 2,306 | 326 | 0 | 2,632 |
| Pennsylvania | 0 | * | 0 | 0 | * |
| Texas | 0 | 0 | 0 | 2,569 | 2,569 |
| Vermont | 0 | 1 | 0 | 0 | 1 |
| Virginia | 0 | 86 | 0 | 0 | 86 |
| Total | 54,429 | 3,093 | 2,035 | 6,487 | 66,044 |

* Volume is less than 500,000 cubic feet.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.**Note:** Estimates of biomass gas exclude volumes produced at landfill methane collection facilities and other kinds of digesters that are consumed onsite for electricity generation, heat, vehicle fuel, or other applications. Totals may not equal sum of components because of independent rounding. Other includes coke oven gas, blast furnace gas, and air injection for British thermal unit stabilization.

Natural gas imports and exports

Figure 7. U.S. natural gas trade summary, 2017-2021
trillion cubic feet

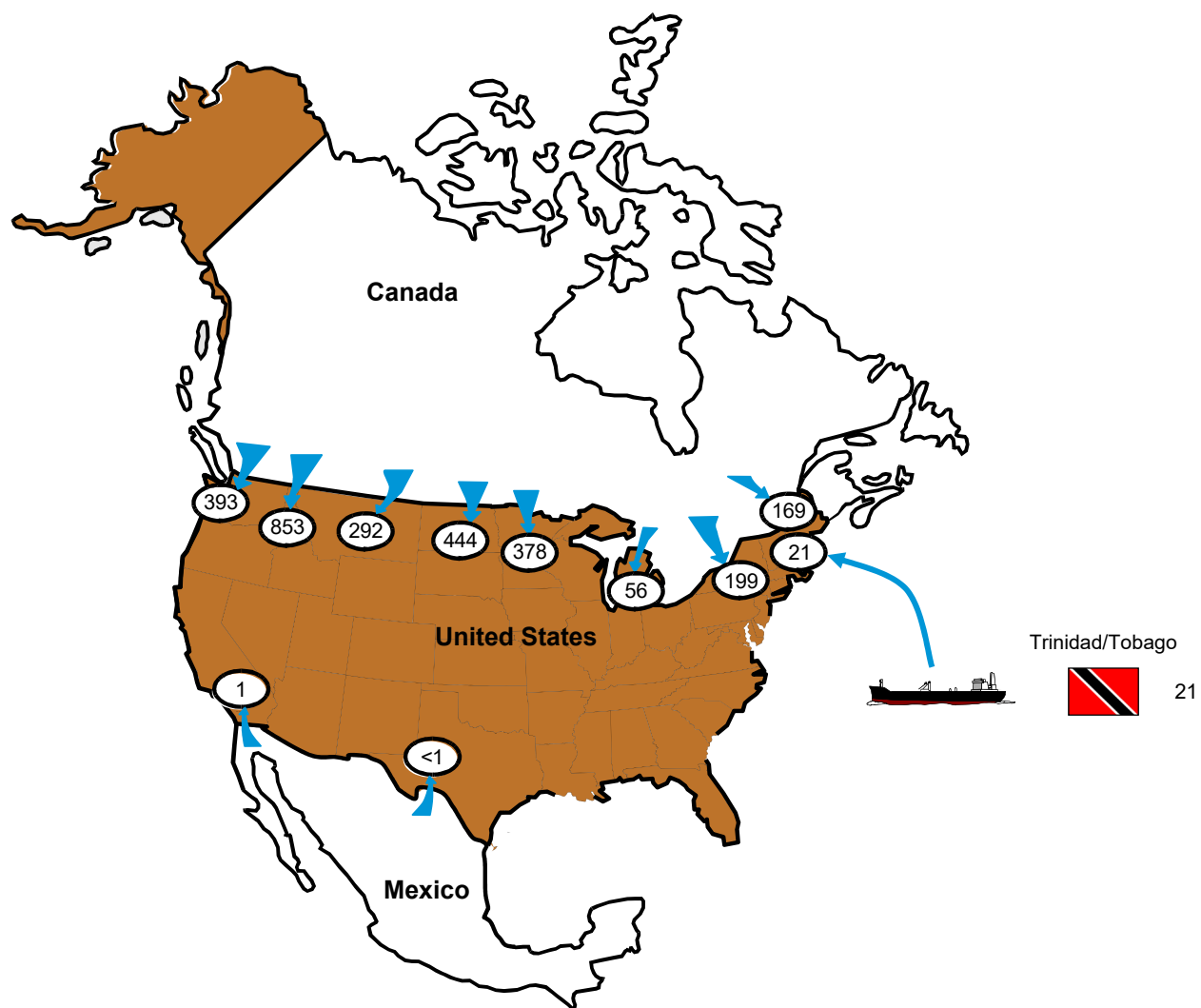


Source: Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*.

Note: LNG refers to liquefied natural gas. The United States began exporting relatively small amounts of compressed natural gas (CNG) to Canada in 2013. Totals can be found here: https://www.eia.gov/dnav/ng/hist/ngm_epg0_enc_nus-z00_mmcfm.htm. The U.S. began importing CNG from Canada in 2014. Totals can be found here: https://www.eia.gov/dnav/ng/hist/ngm_epg0_inc_nus-z00_mmcfm.htm

Figure 8. Flow of natural gas imports, 2021

billion cubic feet



Source: Map by the U.S. Energy Information Administration, based on data from the Office of Fossil Energy and Carbon Management; U.S. Department of Energy, *Natural Gas Imports and Exports*.

Table 7. Summary of U.S. natural gas imports, 2017-2021

volumes in million cubic feet, prices in dollars per thousand cubic feet

| | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | |
|-------------------------------|------------------|-------------|------------------|-------------|------------------|-------------|-------------------|-------------|------------------|--------------|
| | Volume | Price | Volume | Price | Volume | Price | Volume | Price | Volume | Price |
| Pipeline | | | | | | | | | | |
| Canada ^a | 2,953,524 | 2.55 | 2,808,720 | 2.58 | 2,686,564 | 2.46 | R2,499,955 | 2.02 | 2,784,438 | 3.71 |
| Mexico | 1,346 | 2.93 | 3,316 | 4.34 | 1,873 | 2.83 | 1,706 | 3.48 | 1,718 | 11.10 |
| Total pipeline imports | 2,954,870 | 2.55 | 2,812,036 | 2.58 | 2,688,436 | 2.46 | R2,501,661 | 2.02 | 2,786,156 | 3.72 |
| LNG by truck | | | | | | | | | | |
| Canada | 1,569 | 8.63 | 1,885 | 8.51 | 226 | 7.19 | 43 | 6.09 | 165 | 7.11 |
| LNG by vessel | | | | | | | | | | |
| France | 0 | -- | 2,768 | 8.35 | 2,651 | 10.39 | 0 | -- | 0 | -- |
| Nigeria | 5,992 | 6.52 | 2,860 | 8.84 | 3,154 | 5.56 | 6,906 | 3.50 | 0 | -- |
| Norway | 0 | -- | 0 | -- | 0 | -- | 3,032 | 6.16 | 0 | -- |
| Trinidad and Tobago | 70,450 | 4.32 | 65,819 | 6.01 | 46,872 | 7.40 | 39,233 | 4.67 | 21,423 | 12.25 |
| United Kingdom | 0 | -- | 3,119 | 13.26 | 0 | -- | 0 | -- | 0 | -- |
| Total LNG imports | 78,011 | 4.58 | 76,451 | 6.56 | 52,903 | 7.44 | 49,214 | 4.60 | 21,587 | 12.21 |
| CNG | | | | | | | | | | |
| Canada | 345 | 2.95 | 359 | 3.89 | 377 | 3.43 | 300 | 3.26 | 217 | 5.78 |
| Total CNG imports | 345 | 2.95 | 359 | 3.89 | 377 | 3.43 | 300 | 3.26 | 217 | 5.78 |
| Total imports | 3,033,226 | 2.60 | 2,888,847 | 2.69 | 2,741,717 | 2.55 | R2,551,175 | 2.07 | 2,807,961 | 3.78 |

^a We reduced the reported volume of natural gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by the Alliance Pipeline. The Alliance Pipeline moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on the same physical basis as other reported volumes of pipeline imports.

-- Not applicable.

^R Revised data.

Source: Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*, and EIA estimates of dry natural gas imports.

Note: Prices for liquefied natural gas (LNG) imports are reported as landed (when received at the terminal) or tailgate (after regasification at the terminal). Generally, the reporting of LNG import price varies by point of entry, and the average prices are calculated from a combination of both types of prices. Totals may not equal sum of components because of independent rounding. Prices are in nominal dollars. Total imports prices represent the weighted average of the imports for each country. CNG refers to compressed natural gas.

Table 8. Summary of U.S. natural gas imports by point of entry, 2017-2021

volumes in million cubic feet, prices in dollars per thousand cubic feet

| | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | |
|-------------------------------------|------------------|-------------|------------------|-------------|------------------|--------------|------------------|-------------|------------------|--------------|
| | Volume | Price | Volume | Price | Volume | Price | Volume | Price | Volume | Price |
| Pipeline (Canada) | | | | | | | | | | |
| Eastport, Idaho | 760,451 | 2.10 | 822,535 | 1.75 | 808,167 | 1.93 | 845,341 | 1.90 | 853,299 | 3.27 |
| Calais, Maine | 21,773 | 6.29 | 35,339 | 7.45 | 56,586 | 6.51 | 57,616 | 3.91 | 46,486 | 6.30 |
| Detroit, Michigan | 1,095 | 3.04 | 1,427 | 2.87 | 0 | -- | 0 | -- | 18,484 | 3.93 |
| Marysville, Michigan | 462 | 2.98 | 0 | -- | 710 | 2.14 | 146 | 1.69 | 0 | -- |
| Port Huron, Michigan | 2,755 | 3.15 | 1,104 | 3.02 | 498 | 2.45 | 0 | -- | 0 | -- |
| St. Clair, Michigan | 5,400 | 3.17 | 9,869 | 3.05 | 26,620 | 2.41 | 40,179 | 2.05 | 37,613 | 4.39 |
| Sault St Marie, Michigan | 0 | -- | 14 | 4.42 | 482 | 2.91 | 0 | -- | 0 | -- |
| Noyes, Minnesota | 483,051 | 2.69 | 312,933 | 2.87 | 315,139 | 2.31 | 263,325 | 1.98 | 374,499 | 3.58 |
| Warroad, Minnesota | 4,489 | 2.83 | 4,012 | 2.80 | 3,930 | 2.47 | 4,011 | 2.16 | 3,957 | 3.07 |
| Babb, Montana | 27,325 | 1.77 | 30,791 | 1.24 | 26,494 | 1.35 | 31,084 | 1.81 | 31,148 | 3.10 |
| Port of del Bonita, Montana | 119 | 1.63 | 1,076 | 1.15 | 1,601 | 2.39 | 1,543 | 1.63 | 0 | -- |
| Port of Morgan, Montana | 518,496 | 2.22 | 428,893 | 2.00 | 353,262 | 1.94 | 239,481 | 1.88 | 258,448 | 3.65 |
| Sweetgrass, Montana | 0 | -- | 0 | -- | 2 | 3.14 | 0 | -- | 0 | -- |
| Whitlash, Montana | 3,931 | 1.72 | 3,447 | 1.14 | 2,733 | 1.21 | 2,551 | 1.82 | 2,525 | 3.01 |
| Pittsburg, New Hampshire | 65,257 | 4.19 | 93,181 | 5.08 | 100,086 | 3.54 | 99,821 | 2.43 | 109,240 | 4.58 |
| Champlain, New York | 3,137 | 4.06 | 3,161 | 4.51 | 3,156 | 3.55 | 2,698 | 2.63 | 2,857 | 4.30 |
| Grand Island, New York | 2,676 | 3.12 | 5,660 | 3.45 | 10,528 | 2.75 | 24,975 | 2.00 | 26,569 | 3.90 |
| Massena, New York | 2,843 | 5.75 | 3,567 | 5.77 | 3,655 | 4.75 | 3,125 | 3.65 | 3,144 | 5.21 |
| Niagara Falls, New York | 2,631 | 3.48 | 3,880 | 4.61 | 635 | 5.27 | 1,005 | 1.65 | 154 | 3.75 |
| Waddington, New York | 137,903 | 4.13 | 175,494 | 4.47 | 157,781 | 3.43 | 147,557 | 2.38 | 166,716 | 4.25 |
| Portal, North Dakota | 130 | 3.22 | 149 | 3.22 | 14 | 2.94 | 12 | 2.58 | 12 | 2.81 |
| Sherwood, North Dakota ^a | 489,738 | 2.50 | 486,921 | 2.40 | 460,972 | 1.97 | 383,479 | 1.58 | 443,543 | 3.82 |
| Highgate Springs, Vermont | 13,406 | 3.35 | 13,566 | 3.42 | 13,607 | 2.84 | 12,928 | 2.25 | 13,337 | 3.69 |
| Sumas, Washington | 406,456 | 2.68 | 371,700 | 3.10 | 339,907 | 3.63 | 339,078 | 2.31 | 392,408 | 3.90 |
| Total | 2,953,524 | 2.55 | 2,808,720 | 2.58 | 2,686,564 | 2.46 | 2,499,955 | 2.02 | 2,784,438 | 3.71 |
| Pipeline (Mexico) | | | | | | | | | | |
| Ogilby, California | 328 | 3.61 | 310 | 3.65 | 321 | 3.37 | 288 | 3.06 | 694 | 12.68 |
| Otay Mesa, California | 427 | 3.53 | 2,503 | 4.85 | 481 | 3.93 | 1,049 | 4.41 | 691 | 13.44 |
| Brownsville, Texas | 0 | -- | 0 | -- | 656 | 2.48 | 0 | -- | 0 | -- |
| Galvan Ranch, Texas | 591 | 2.12 | 503 | 2.24 | 415 | 1.70 | 369 | 1.15 | 299 | 2.93 |
| Rio Grande, Texas | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 34 | 3.10 |
| Total | 1,346 | 2.93 | 3,316 | 4.34 | 1,873 | 2.83 | 1,706 | 3.48 | 1,718 | 11.10 |
| Total pipeline | 2,954,870 | 2.55 | 2,812,036 | 2.58 | 2,688,436 | 2.46 | 2,501,661 | 2.02 | 2,786,156 | 3.72 |
| LNG (Canada) | | | | | | | | | | |
| Alcan, Alaska | 0 | -- | 1 | 9.90 | 6 | 9.68 | 1 | 9.10 | 0 | -- |
| Blaine, Washington | 22 | 8.22 | 16 | 6.87 | 0 | -- | 32 | 5.52 | 144 | 6.62 |
| Champlain, New York | 38 | 9.24 | 30 | 8.84 | 10 | 9.48 | * | 5.95 | * | 7.00 |
| Eastport, Idaho | 0 | -- | 1 | 9.23 | 0 | -- | 0 | -- | 1 | 11.22 |
| Highgate Springs, Vermont | 1,446 | 8.70 | 1,742 | 8.63 | 78 | 7.03 | * | 6.00 | * | 6.03 |
| Jackman, Maine | 0 | -- | 37 | 7.00 | 131 | 7.00 | * | 6.26 | * | 6.02 |
| Sumas, Washington | 62 | 6.68 | 59 | 6.08 | 1 | 8.03 | 11 | 7.59 | 19 | 10.19 |
| Sweetgrass, Montana | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 1 | 16.20 |
| Total | 1,569 | 8.63 | 1,885 | 8.51 | 226 | 7.19 | 43 | 6.09 | 165 | 7.11 |
| LNG (France) | | | | | | | | | | |
| Everett, Massachusetts | 0 | -- | 2,768 | 8.35 | 0 | -- | 0 | -- | 0 | -- |
| Northeast Gateway, | 0 | -- | 0 | -- | 2,651 | 10.39 | 0 | -- | 0 | -- |
| Total | 0 | -- | 2,768 | 8.35 | 2,651 | 10.39 | 0 | -- | 0 | -- |
| LNG (Nigeria) | | | | | | | | | | |
| Cove Point, Maryland | 5,992 | 6.52 | 2,860 | 8.84 | 3,154 | 5.56 | 2,629 | 4.11 | 0 | -- |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 2,693 | 1.84 | 0 | -- |
| Everett, Massachusetts | 0 | -- | 0 | -- | 0 | -- | 1,584 | 5.30 | 0 | -- |
| Total | 5,992 | 6.52 | 2,860 | 8.84 | 3,154 | 5.56 | 6,906 | 3.50 | 0 | -- |

See footnotes at end of table.

| | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | |
|----------------------------------|------------------|-------------|------------------|--------------|------------------|-------------|------------------|-------------|------------------|--------------|
| | Volume | Price | Volume | Price | Volume | Price | Volume | Price | Volume | Price |
| LNG (Norway) | | | | | | | | | | |
| Cove Point, Maryland | 0 | -- | 0 | -- | 0 | -- | 3,032 | 6.16 | 0 | -- |
| Total | 0 | -- | 0 | -- | 0 | -- | 3,032 | 6.16 | 0 | -- |
| LNG (Trinidad and Tobago) | | | | | | | | | | |
| Cove Point, Maryland | 0 | -- | 6,210 | 10.28 | 3,548 | 5.83 | 11,420 | 2.43 | 0 | -- |
| Elba Island, Georgia | 6,514 | 3.28 | 14,500 | 4.41 | 5,648 | 4.78 | 0 | -- | 0 | -- |
| Everett, Massachusetts | 63,936 | 4.43 | 44,749 | 5.89 | 35,406 | 7.85 | 27,812 | 5.59 | 21,423 | 12.25 |
| Freeport, Texas | 0 | -- | 360 | 11.92 | 0 | -- | 0 | -- | 0 | -- |
| Northeast Gateway | 0 | -- | 0 | -- | 2,269 | 9.25 | 0 | -- | 0 | -- |
| Total | 70,450 | 4.32 | 65,819 | 6.01 | 46,872 | 7.40 | 39,233 | 4.67 | 21,423 | 12.25 |
| LNG (United Kingdom) | | | | | | | | | | |
| Everett, Massachusetts | 0 | -- | 3,119 | 13.26 | 0 | -- | 0 | -- | 0 | -- |
| Total | 0 | -- | 3,119 | 13.26 | 0 | -- | 0 | -- | 0 | -- |
| Total LNG | 78,011 | 4.58 | 76,451 | 6.56 | 52,903 | 7.44 | 49,214 | 4.60 | 21,587 | 12.21 |
| Total LNG (by entry) | | | | | | | | | | |
| Alcan, Alaska | 0 | -- | 1 | 9.90 | 6 | 9.68 | 1 | 9.10 | 0 | -- |
| Blaine, Washington | 22 | 8.22 | 16 | 6.87 | 0 | -- | 32 | 5.52 | 144 | 6.62 |
| Champlain, New York | 38 | 9.24 | 30 | 8.84 | 10 | 9.48 | * | 5.95 | * | 7.00 |
| Cove Point, Maryland | 5,992 | 6.52 | 9,070 | 9.82 | 6,703 | 5.71 | 17,081 | 3.35 | 0 | -- |
| Eastport, Idaho | 0 | -- | 1 | 9.23 | 0 | -- | 0 | -- | 1 | 11.22 |
| Elba Island, Georgia | 6,514 | 3.28 | 14,500 | 4.41 | 5,648 | 4.78 | 2,693 | 1.84 | 0 | -- |
| Everett, Massachusetts | 63,936 | 4.43 | 50,636 | 6.48 | 35,406 | 7.85 | 29,396 | 5.58 | 21,423 | 12.25 |
| Freeport, Texas | 0 | -- | 360 | 11.92 | 0 | -- | 0 | -- | 0 | -- |
| Highgate Springs, Vermont | 1,446 | 8.70 | 1,742 | 8.63 | 78 | 7.03 | * | 6.00 | * | 6.03 |
| Jackman, Maine | 0 | -- | 37 | 7.00 | 131 | 7.00 | * | 6.26 | * | 6.02 |
| Northeast Gateway | 0 | -- | 0 | -- | 4,920 | 9.86 | 0 | -- | 0 | -- |
| Sumas, Washington | 62 | 6.68 | 59 | 6.08 | 1 | 8.03 | 11 | 7.59 | 19 | 10.19 |
| Sweetgrass, Montana | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 1 | 16.20 |
| CNG (Canada) | | | | | | | | | | |
| Houlton, Maine | 345 | 2.95 | 358 | 3.88 | 377 | 3.43 | 300 | 3.26 | 217 | 5.79 |
| Portal, North Dakota | 0 | -- | 1 | 5.76 | 0 | -- | 0 | -- | * | 2.47 |
| Sweetgrass, Montana | 0 | -- | 0 | -- | 0 | -- | 1 | 2.34 | 0 | -- |
| Total CNG | 345 | 2.95 | 359 | 3.89 | 377 | 3.43 | 300 | 3.26 | 217 | 5.78 |
| Total imports | 3,033,226 | 2.60 | 2,888,847 | 2.69 | 2,741,717 | 2.55 | 2,551,175 | 2.07 | 2,807,961 | 3.78 |

^a Alliance Pipeline moves saturated natural gas from the Canadian border at Sherwood, North Dakota, to the Aux Sable processing plant in Illinois. We adjusted the Alliance import volumes to remove volumes of natural gas liquids reported by Alliance. The import volumes of dry natural gas are then comparable with other volumes of pipeline imports.

* Volume is less than 500,000 cubic feet.

-- Not applicable.

^R Revised data.

Source: Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*.

Note: Totals may not equal sum of components because of independent rounding. Geographic coverage is the continental United States including Alaska. Prices for liquefied natural gas (LNG) imports are reported as *landed* (received at the terminal) or *tailgate* (after regasification at the terminal). We derived estimates for pipeline volumes from Canada from the Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*, and EIA estimates of dry natural gas imports. Prices are in nominal dollars. Total imports prices represent the weighted average of the imports for each country. CNG refers to compressed natural gas.

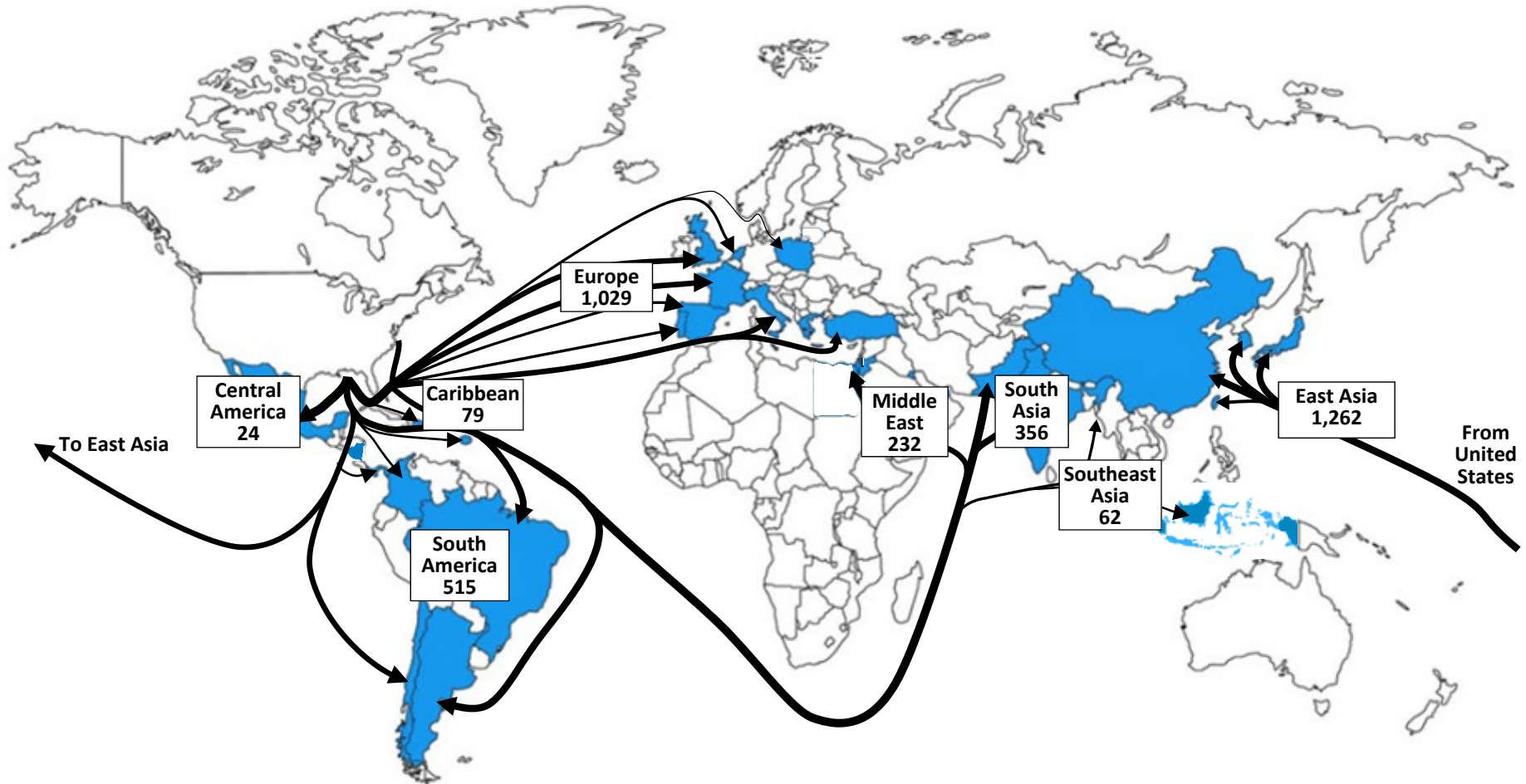
Figure 9. Flow of natural gas exports by pipeline, 2021

billion cubic feet



Source: Map by the U.S. Energy Information Administration, based on data from the Office of Fossil Energy and Carbon Management; U.S. Department of Energy, *Natural Gas Imports and Exports*.

Figure 10. Flow of liquefied natural gas (LNG) exports, 2021
billion cubic feet



Source: Map by the U.S. Energy Information Administration, based on data from the Office of Fossil Energy and Carbon Management; U.S. Department of Energy, *Natural Gas Imports and Exports*.
Note: This map shows LNG exports that were shipped by vessel during 2021. The United States also shipped LNG by truck; these trucked volumes were: 10 million cubic feet (Mcf) to Canada and 822 Mcf to Mexico. Arrows indicate origin and destination and may not reflect actual shipping routes taken. Thickness of arrows is not accurately proportional to volumes of deliveries. The countries that receive LNG exports are grouped as follows: Central America (Mexico, Nicaragua, and Panama); Caribbean (Bahamas, Barbados, Dominican Republic, Haiti, and Jamaica); South America (Argentina, Brazil, Chile, and Colombia); Europe (Belgium, Croatia, France, Greece, Italy, Lithuania, Malta, Netherlands, Poland, Portugal, Spain, and United Kingdom); Middle East (Israel, Kuwait, and Turkey); South Asia (India, Pakistan, Taiwan, and Thailand); Southeast Asia (Bangladesh, Indonesia, and Singapore); and East Asia (China, Japan, and South Korea).

Table 9. Summary of U.S. natural gas exports, 2017-2021
volumes in million cubic feet, prices in dollars per thousand cubic feet

| | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | |
|-------------------------------|------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|
| | Volume | Price | Volume | Price | Volume | Price | Volume | Price | Volume | Price |
| Pipeline | | | | | | | | | | |
| Canada | 916,380 | 3.12 | 835,982 | 3.41 | 972,519 | 2.78 | 903,520 | 2.06 | 937,124 | 3.87 |
| Mexico | 1,529,711 | 3.26 | 1,688,519 | 3.30 | 1,865,329 | 2.57 | 1,990,809 | 2.12 | 2,154,457 | 5.41 |
| Total pipeline exports | 2,446,091 | 3.20 | 2,524,501 | 3.34 | 2,837,848 | 2.64 | 2,894,329 | 2.10 | 3,091,580 | 4.94 |
| LNG | | | | | | | | | | |
| Exports | | | | | | | | | | |
| By vessel | | | | | | | | | | |
| Antigua and Barbuda | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 8 | 10.80 |
| Argentina | 16,276 | 4.64 | 27,560 | 6.01 | 39,293 | 5.14 | 15,068 | 5.04 | 83,449 | 6.83 |
| Bahamas | 2 | 10.40 | 137 | 10.39 | 156 | 10.39 | 257 | 10.39 | 486 | 10.39 |
| Bangladesh | 0 | -- | 0 | -- | 3,419 | W | 10,660 | 5.17 | 37,734 | 6.05 |
| Barbados | 200 | 10.40 | 174 | 10.39 | 211 | 10.39 | 241 | 10.39 | 297 | 10.39 |
| Belgium | 0 | -- | 0 | -- | 23,897 | 4.97 | 31,946 | 4.27 | 5,584 | 5.67 |
| Brazil | 17,648 | 4.15 | 35,645 | 6.05 | 54,298 | 5.18 | 111,826 | 6.28 | 307,714 | 7.90 |
| Chile | 25,746 | 5.43 | 41,186 | 4.33 | 90,357 | 4.68 | 80,615 | 5.49 | 121,881 | 7.03 |
| China | 103,410 | 4.32 | 90,473 | 4.41 | 6,851 | 6.20 | 214,401 | 5.82 | 453,304 | 7.49 |
| Colombia | 0 | -- | 5,101 | 4.86 | 6,518 | 4.06 | 4,626 | 5.83 | 2,247 | 7.38 |
| Croatia | 0 | -- | 0 | -- | 0 | -- | 3,275 | 6.75 | 36,133 | 7.91 |
| Dominican Republic | 8,691 | 4.15 | 5,835 | 3.91 | 10,334 | 4.51 | 26,050 | 5.78 | 53,095 | 7.75 |
| Egypt | 6,781 | 4.93 | 6,554 | 3.27 | 0 | -- | 0 | -- | 0 | -- |
| France | 0 | -- | 18,291 | 7.03 | 117,791 | 5.33 | 90,237 | 5.17 | 170,780 | 7.34 |
| Greece | 0 | -- | 3,722 | 7.62 | 14,643 | 5.90 | 48,403 | 5.86 | 39,708 | 7.61 |
| Haiti | 0 | -- | 0 | -- | 42 | 10.39 | 118 | 10.39 | 137 | 10.39 |
| India | 20,919 | 4.84 | 57,634 | 5.02 | 91,481 | 4.97 | 124,402 | 5.39 | 196,218 | 7.26 |
| Indonesia | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3,269 | 8.84 |
| Israel | 0 | -- | 3,270 | 6.48 | 0 | -- | 15,834 | 5.17 | 8,906 | 6.59 |
| Italy | 6,493 | 3.95 | 17,390 | 6.46 | 68,655 | 4.99 | 68,453 | 5.27 | 34,210 | 6.64 |
| Jamaica | 0 | -- | 1,303 | 6.92 | 13,892 | 5.29 | 17,052 | 4.92 | 25,276 | 7.23 |
| Japan | 53,218 | 6.13 | 125,534 | 6.86 | 200,864 | 6.55 | 287,672 | 6.38 | 354,948 | 7.80 |
| Jordan | 36,321 | 4.40 | 38,794 | 4.10 | 32,332 | 3.99 | 6,872 | 5.28 | 0 | -- |
| Kuwait | 20,213 | 4.38 | 9,981 | 6.67 | 10,308 | 4.92 | 17,293 | 5.61 | 34,476 | 7.91 |
| Lithuania | 6,844 | 3.84 | 0 | -- | 3,455 | W | 28,879 | 5.17 | 30,919 | 6.98 |
| Malaysia | 0 | -- | 0 | -- | 3,698 | W | 0 | -- | 0 | -- |
| Malta | 867 | 4.70 | 2,927 | 6.70 | 413 | W | 2,648 | 5.33 | 5,427 | 7.09 |
| Mexico | 140,743 | 4.93 | 182,246 | 4.70 | 143,371 | 4.53 | 34,408 | 5.02 | 15,200 | 6.08 |
| Netherlands | 3,042 | 6.35 | 12,188 | 6.61 | 81,361 | 4.78 | 85,573 | 5.51 | 174,339 | 7.24 |
| Nicaragua | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 1 | 10.39 |
| Pakistan | 3,166 | 3.14 | 12,956 | 5.60 | 26,935 | 6.26 | 36,934 | 4.70 | 45,818 | 7.23 |
| Panama | 0 | -- | 6,786 | 5.46 | 10,221 | 7.62 | 12,764 | 6.98 | 8,436 | 7.11 |
| Poland | 3,440 | 4.26 | 3,231 | 7.12 | 38,042 | 5.72 | 36,900 | 5.13 | 56,320 | 8.10 |
| Portugal | 19,523 | 5.65 | 12,512 | 5.45 | 53,342 | 5.16 | 36,922 | 5.24 | 65,865 | 8.58 |
| Singapore | 0 | -- | 3,679 | 5.63 | 31,440 | 5.25 | 28,341 | 5.30 | 20,918 | 6.49 |
| South Korea | 130,185 | 4.18 | 252,223 | 4.56 | 270,025 | 4.76 | 316,227 | 5.66 | 453,483 | 7.46 |
| Spain | 29,329 | 4.94 | 10,310 | 4.59 | 166,684 | 5.39 | 199,966 | 5.60 | 215,062 | 8.27 |
| Taiwan | 9,004 | 4.77 | 16,731 | 6.51 | 27,397 | 5.17 | 64,363 | 5.34 | 99,350 | 7.66 |
| Thailand | 3,113 | 3.14 | 0 | -- | 6,635 | 6.12 | 32,622 | 4.80 | 14,548 | 5.69 |
| Turkey | 24,855 | 4.84 | 23,205 | 5.38 | 30,611 | 5.13 | 123,957 | 5.48 | 188,849 | 8.98 |
| United Arab Emirates | 13,408 | 3.87 | 3,638 | 3.46 | 20,561 | 3.99 | 10,110 | 5.91 | 0 | -- |
| United Kingdom | 3,410 | 3.87 | 51,297 | 5.77 | 118,357 | 5.32 | 160,199 | 5.78 | 195,046 | 7.79 |
| By truck | | | | | | | | | | |
| Canada | 5 | 8.05 | 19 | 12.71 | 25 | 9.35 | 10 | 9.45 | 128 | 12.47 |
| Mexico | 691 | 8.74 | 587 | 8.52 | 1,105 | 9.13 | 822 | 8.20 | 1,250 | 11.42 |
| Re-exports | | | | | | | | | | |
| By vessel | | | | | | | | | | |
| Argentina | 0 | -- | 0 | -- | 0 | -- | 2,164 | 1.86 | 0 | -- |
| Brazil | 0 | -- | 0 | -- | 0 | -- | 82 | 9.07 | 0 | -- |
| Japan | 0 | -- | 0 | -- | 221 | 4.44 | 387 | 9.07 | 0 | -- |
| South Korea | 0 | -- | 0 | -- | 0 | -- | 387 | 9.07 | 0 | -- |
| United Kingdom | 0 | -- | 0 | -- | 305 | 9.07 | 0 | -- | 0 | -- |
| Total LNG exports | 707,542 | 4.69 | 1,083,118 | 5.20 | 1,819,547 | 5.21 | 2,389,963 | 5.64 | 3,560,818 | 7.62 |
| CNG | | | | | | | | | | |
| Canada | 171 | 4.76 | 223 | 4.69 | 263 | 3.98 | 386 | 2.55 | 211 | 4.13 |
| Total CNG exports | 171 | 4.76 | 223 | 4.69 | 263 | 3.98 | 386 | 2.55 | 211 | 4.13 |
| Total exports | 3,153,804 | 3.54 | 3,607,841 | 3.89 | 4,657,657 | 3.64 | 5,284,678 | 3.70 | 6,652,609 | 6.38 |

-- Not applicable.

^R Revised data.

^W Withheld.

Source: Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*, and EIA estimates of dry natural gas imports. Note:

Totals may not equal sum of components because of independent rounding. Prices are in nominal dollars. Total exports prices represent the weighted average of the exports for each country. LNG refers to liquefied natural gas. CNG refers to compressed natural gas.

Table 10. Summary of U.S. natural gas exports by point of exit, 2017-2021

volumes in million cubic feet, prices in dollars per thousand cubic feet

| | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | |
|----------------------------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| | Volume | Price | Volume | Price | Volume | Price | Volume | Price | Volume | Price |
| Pipeline (Canada) | 916,380 | 3.12 | 835,982 | 3.41 | 972,519 | 2.78 | 903,520 | 2.06 | 937,124 | 3.87 |
| Eastport, Idaho | 0 | -- | 29 | 1.60 | 0 | -- | 1,560 | 1.76 | 4 | 2.53 |
| Calais, Maine | 18,757 | 4.84 | 37,269 | 5.54 | 90,041 | 3.58 | 117,022 | 2.61 | 118,386 | 5.01 |
| Detroit, Michigan | 37,164 | 3.20 | 30,589 | 3.16 | 24,030 | 2.52 | 18,446 | 2.31 | 20,900 | 3.69 |
| Marysville, Michigan | 9,160 | 3.13 | 4,437 | 3.18 | 3,453 | 2.55 | 2,130 | 1.80 | 912 | 3.83 |
| Port Huron, Michigan | 935 | 3.10 | 650 | 3.53 | 0 | -- | 0 | -- | 0 | -- |
| Sault Ste. Marie, Michigan | 12,631 | 3.20 | 13,751 | 3.36 | 14,517 | 2.66 | 15,552 | 2.04 | 15,459 | 3.80 |
| St. Clair, Michigan | 536,925 | 3.15 | 447,404 | 3.40 | 524,895 | 2.70 | 449,623 | 2.05 | 509,872 | 3.76 |
| Noyes, Minnesota | 6,330 | 2.88 | 12,882 | 3.36 | 13,668 | 2.55 | 8,696 | 1.95 | 3,238 | 3.44 |
| Sweetgrass, Montana | 0 | -- | * | 2.30 | * | 1.59 | 0 | -- | 0 | -- |
| Portal, North Dakota | 0 | -- | 0 | -- | 463 | 1.36 | 1,269 | 1.19 | 1,045 | 4.00 |
| Pittsburg, New Hampshire | 889 | 2.22 | 705 | 10.30 | 1,992 | 8.73 | 34 | 2.31 | 113 | 2.59 |
| Grand Island, New York | 45,180 | 2.87 | 40,805 | 2.99 | 42,965 | 2.50 | 44,853 | 1.93 | 52,164 | 3.64 |
| Massena, New York | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 341 | 2.78 |
| Niagara Falls, New York | 233,631 | 2.94 | 228,828 | 3.03 | 219,011 | 2.49 | 216,607 | 1.81 | 190,950 | 3.54 |
| Waddington, New York | 7,526 | 3.13 | 6,021 | 3.56 | 14,615 | 2.71 | 15,615 | 1.98 | 12,754 | 3.71 |
| Sumas, Washington | 7,252 | 2.79 | 12,612 | 6.09 | 22,870 | 4.65 | 12,113 | 2.37 | 10,987 | 3.99 |
| Pipeline (Mexico) | 1,529,711 | 3.26 | 1,688,519 | 3.30 | 1,865,329 | 2.57 | 1,990,809 | 2.12 | 2,154,457 | 5.41 |
| Douglas, Arizona | 88,171 | 3.20 | 67,968 | 2.59 | 61,497 | 3.72 | 60,733 | 1.63 | 54,297 | 4.94 |
| Nogales, Arizona | 440 | 3.29 | 483 | 2.32 | 584 | 2.54 | 547 | 1.88 | 403 | 4.42 |
| Sasabe, Arizona | 33,074 | 2.70 | 46,751 | 2.07 | 47,788 | 1.13 | 49,053 | 1.33 | 30,815 | 5.95 |
| Calexico, California | 19,099 | 3.51 | 20,557 | 5.16 | 22,311 | 4.36 | 22,338 | 3.23 | 24,063 | 4.15 |
| Ogilby, California | 108,218 | 2.97 | 122,836 | 2.86 | 122,203 | 2.48 | 110,790 | 2.31 | 127,468 | 4.88 |
| Otay Mesa, California | 565 | 3.27 | 542 | 3.25 | 569 | 3.10 | 582 | 2.82 | 196 | 3.43 |
| Alamo, Texas | 71,012 | 3.21 | 67,295 | 3.52 | 73,119 | 2.96 | 60,647 | 2.39 | 64,029 | 7.11 |
| Brownsville, Texas | 0 | -- | 0 | -- | 69,321 | 2.49 | 267,529 | 2.16 | 325,943 | 6.16 |
| Clint, Texas | 73,683 | 2.93 | 35,587 | 2.47 | 32,430 | 1.23 | 29,796 | 1.38 | 32,154 | 4.45 |
| Del Rio, Texas | 357 | 4.03 | 377 | 4.13 | 422 | 3.51 | 404 | 3.05 | 417 | 5.11 |
| Eagle Pass, Texas | 8,104 | 4.22 | 10,225 | 4.28 | 10,129 | 3.66 | 10,761 | 3.19 | 9,720 | 4.82 |
| El Paso, Texas | 25,662 | 3.05 | 100,589 | 2.12 | 99,214 | 1.27 | 85,690 | 1.54 | 97,891 | 5.19 |
| Hidalgo, Texas | 9,628 | 3.07 | 58,295 | 3.66 | 120,818 | 2.75 | 129,992 | 2.40 | 126,196 | 4.26 |
| McAllen, Texas | 69,634 | 3.14 | 91,673 | 3.35 | 78,914 | 2.90 | 71,218 | 2.31 | 68,094 | 4.95 |
| Laredo, Texas | 0 | -- | 7,405 | 4.07 | 80,094 | 2.51 | 104,255 | 2.14 | 102,058 | 5.89 |
| Penitas, Texas | 35,216 | 2.99 | 41,335 | 3.16 | 17,329 | 2.70 | 0 | -- | 0 | -- |
| Presidio, Texas | 14 | 2.47 | 8,427 | 1.98 | 47,801 | 1.20 | 96,552 | 1.42 | 219,909 | 4.28 |
| Rio Bravo, Texas | 79,069 | 3.10 | 87,219 | 3.37 | 81,784 | 2.66 | 74,563 | 2.21 | 63,220 | 5.55 |
| Rio Grande City, Texas | 695,142 | 3.47 | 685,211 | 3.68 | 667,956 | 2.78 | 586,707 | 2.29 | 541,488 | 5.88 |
| Roma, Texas | 195,403 | 3.10 | 200,089 | 3.35 | 191,529 | 2.83 | 162,039 | 2.27 | 165,444 | 5.30 |
| San Elizario, Texas | 17,219 | 2.62 | 35,656 | 2.12 | 39,517 | 1.06 | 66,611 | 1.31 | 100,652 | 4.90 |
| Total pipeline | 2,446,091 | 3.20 | 2,524,501 | 3.34 | 2,837,848 | 2.64 | 2,894,329 | 2.10 | 3,091,580 | 4.94 |
| LNG (Antigua and Barbuda) | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 8 | 10.80 |
| Fort Lauderdale, Florida | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 6 | 10.80 |
| Jacksonville, Florida | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 2 | W |
| LNG (Argentina) | 16,276 | 4.64 | 27,560 | 6.01 | 39,293 | 5.14 | 17,232 | 4.64 | 83,449 | 6.83 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 4,034 | 6.54 | 2,220 | W |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 17,268 | 4.10 | 4,421 | 4.03 | 8,480 | 6.70 |
| Cove Point, Maryland | 0 | -- | 8,146 | 6.58 | 6,421 | 6.36 | 2,164 | W | 5,510 | 7.34 |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 44,885 | 7.05 |
| Sabine Pass, Louisiana | 16,276 | 4.64 | 19,413 | 5.77 | 15,604 | 5.78 | 6,613 | 4.80 | 22,354 | 6.25 |
| LNG (Bahamas) | 2 | 10.40 | 137 | 10.39 | 156 | 10.39 | 257 | 10.39 | 486 | 10.39 |
| Doral, Florida | 2 | 10.40 | 4 | 10.39 | 0 | -- | 0 | -- | 0 | -- |
| Fort Lauderdale, Florida | 0 | -- | 133 | 10.39 | 156 | 10.39 | 257 | 10.39 | 486 | 10.39 |
| LNG (Bangladesh) | 0 | -- | 0 | -- | 3,419 | W | 10,660 | 5.17 | 37,734 | 6.05 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | W | 0 | W | 3,655 | W |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 0 | -- | 7,020 | 5.62 | 0 | -- |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3,493 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 10,001 | 5.59 |
| Sabine Pass, Louisiana | 0 | -- | 0 | -- | 3,419 | W | 3,640 | W | 20,585 | 6.04 |
| LNG (Barbados) | 200 | 10.40 | 174 | 10.39 | 211 | 10.39 | 241 | 10.39 | 297 | 10.39 |
| Fort Lauderdale, Florida | 178 | 10.40 | 174 | 10.39 | 211 | 10.39 | 241 | 10.39 | 297 | 10.39 |
| Miami, Florida | 22 | 10.40 | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| LNG (Belgium) | 0 | -- | 0 | -- | 23,897 | 4.97 | 31,946 | 4.27 | 5,584 | 5.67 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 3,290 | W | 2,100 | W |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 0 | -- | 17,564 | 3.56 | 3,484 | W |
| Cove Point, Maryland | 0 | -- | 0 | -- | 6,794 | 6.33 | 0 | -- | 0 | -- |
| Sabine Pass, Louisiana | 0 | -- | 0 | -- | 17,103 | 4.43 | 11,093 | 5.04 | 0 | -- |

See footnotes at end of table.

| | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | |
|---------------------------------|----------------|-------------|---------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|
| | Volume | Price | Volume | Price | Volume | Price | Volume | Price | Volume | Price |
| LNG (Brazil) | 17,648 | 4.15 | 35,645 | 6.05 | 54,298 | 5.18 | 111,908 | 6.29 | 307,714 | 7.90 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 22,791 | 8.66 | 31,256 | 7.80 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 11,301 | 3.96 | 33,606 | 5.37 | 101,306 | 8.70 |
| Cove Point, Maryland | 0 | -- | 533 | 6.91 | 7,119 | 6.08 | 6,713 | 7.38 | 7,533 | 6.75 |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3,349 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 10,496 | 5.93 | 68,230 | 8.11 |
| Sabine Pass, Louisiana | 17,648 | 4.15 | 35,112 | 6.04 | 35,877 | 5.39 | 38,301 | 5.58 | 96,040 | 6.98 |
| LNG (Canada) | 5 | 8.05 | 19 | 12.71 | 25 | 9.35 | 10 | 9.45 | 128 | 12.47 |
| Babb, Montana | 0 | -- | * | 19.21 | 0 | -- | 0 | -- | 0 | -- |
| Calais, Maine | 0 | -- | 14 | 14.05 | 0 | -- | 0 | -- | 0 | -- |
| Niagara Falls, New York | 0 | -- | 0 | -- | 0 | -- | 8 | 9.99 | 128 | 12.47 |
| Noonan-Estevan, North Dakota | 0 | -- | 0 | -- | 1 | W | 0 | -- | 0 | -- |
| Portal, North Dakota | 5 | 8.05 | 5 | 8.86 | 25 | 9.43 | 2 | W | 0 | -- |
| LNG (Chile) | 25,746 | 5.43 | 41,186 | 4.33 | 90,357 | 4.68 | 80,615 | 5.49 | 121,881 | 7.03 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 2,917 | W | 8,631 | 5.35 | 11,717 | 6.27 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 3,445 | W | 3,155 | W | 20,833 | 8.01 |
| Cove Point, Maryland | 0 | -- | 3,249 | 6.99 | 9,933 | 5.84 | 0 | -- | 0 | -- |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 9,899 | 7.24 | 15,910 | 6.98 |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 7,403 | 5.74 | 3,410 | W |
| Sabine Pass, Louisiana | 25,746 | 5.43 | 37,936 | 4.10 | 74,062 | 4.50 | 51,527 | 5.17 | 70,012 | 6.85 |
| LNG (China) | 103,410 | 4.32 | 90,473 | 4.41 | 6,851 | 6.20 | 214,401 | 5.82 | 453,304 | 7.49 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 33,971 | 6.43 | 82,394 | 7.80 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 0 | -- | 31,750 | 5.09 | 74,634 | 7.90 |
| Cove Point, Maryland | 0 | -- | 0 | -- | 0 | -- | 10,484 | 6.43 | 24,007 | 8.12 |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 7,022 | 6.27 |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 68,266 | 6.22 | 73,626 | 7.44 |
| Sabine Pass, Louisiana | 103,410 | 4.32 | 90,473 | 4.41 | 6,851 | 6.20 | 69,929 | 5.37 | 191,620 | 7.19 |
| LNG (Colombia) | 0 | -- | 5,101 | 4.86 | 6,518 | 4.06 | 4,626 | 5.83 | 2,247 | 7.38 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 550 | W | 0 | -- |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 2,548 | W | 2,247 | 7.38 |
| Sabine Pass, Louisiana | 0 | -- | 5,101 | 4.86 | 6,518 | 4.06 | 1,528 | 5.31 | 0 | -- |
| LNG (Croatia) | 0 | -- | 0 | -- | 0 | -- | 3,275 | W | 36,133 | 7.91 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3,364 | W |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 6,410 | 8.09 |
| Cove Point, Maryland | 0 | -- | 0 | -- | 0 | -- | 3,275 | W | 0 | -- |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 17,271 | 7.79 |
| Sabine Pass, Louisiana | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 9,087 | 8.46 |
| LNG (Dominican Republic) | 8,691 | 4.15 | 5,835 | 3.91 | 10,334 | 4.51 | 26,050 | 5.78 | 53,095 | 7.75 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 17,925 | 5.62 | 27,989 | 7.46 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 2,857 | W | 3,105 | W | 2,799 | W |
| Cove Point, Maryland | 0 | -- | 1,023 | 6.80 | 0 | -- | 0 | -- | 0 | -- |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 2,780 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 2,216 | W | 12,259 | 8.28 |
| Sabine Pass, Louisiana | 8,691 | 4.15 | 4,812 | 3.29 | 7,477 | 4.88 | 2,804 | W | 7,267 | 7.63 |
| LNG (Egypt) | 6,781 | 4.93 | 6,554 | 3.27 | 0 | -- | 0 | -- | 0 | -- |
| Sabine Pass, Louisiana | 6,781 | 4.93 | 6,554 | 3.27 | 0 | -- | 0 | -- | 0 | -- |
| LNG (France) | 0 | -- | 18,291 | 7.03 | 117,791 | 5.33 | 90,237 | 5.17 | 170,780 | 7.34 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 8,500 | 7.35 | 13,302 | 6.49 | 31,417 | 6.98 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 27,023 | 4.38 | 14,024 | 5.23 | 31,659 | 6.74 |
| Cove Point, Maryland | 0 | -- | 3,380 | 7.21 | 10,108 | 6.85 | 13,278 | 5.98 | 10,088 | 7.08 |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3,337 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 19,961 | 4.27 | 35,008 | 7.51 |
| Sabine Pass, Louisiana | 0 | -- | 14,911 | 6.98 | 72,160 | 5.23 | 29,672 | 4.78 | 59,272 | 7.83 |
| LNG (Greece) | 0 | -- | 3,722 | 7.62 | 14,643 | 5.90 | 48,403 | 5.86 | 39,708 | 7.61 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 1,406 | W | 16,074 | 6.29 | 4,197 | 8.99 |
| Corpus Christi, Texas | 0 | -- | 3,722 | 7.62 | 3,497 | W | 3,551 | W | 3,486 | W |
| Cove Point, Maryland | 0 | -- | 0 | -- | 3,394 | W | 14,262 | 6.75 | 799 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 6,101 | 7.79 |
| Sabine Pass, Louisiana | 0 | -- | 0 | -- | 6,346 | 6.07 | 14,516 | 5.17 | 25,125 | 7.75 |
| LNG (Haiti) | 0 | -- | 0 | -- | 42 | 10.39 | 118 | 10.39 | 137 | 10.39 |
| Fort Lauderdale, Florida | 0 | -- | 0 | -- | 42 | 10.39 | 118 | 10.39 | 137 | 10.39 |

See footnotes at end of table.

| | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | |
|--------------------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|
| | Volume | Price | Volume | Price | Volume | Price | Volume | Price | Volume | Price |
| LNG (India) | 20,919 | 4.84 | 57,634 | 5.02 | 91,481 | 4.97 | 124,402 | 5.39 | 196,218 | 7.26 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 7,037 | 6.64 | 33,542 | 6.07 | 53,781 | 7.40 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 7,655 | 4.91 | 21,418 | 4.27 | 34,057 | 7.65 |
| Cove Point, Maryland | 0 | -- | 11,792 | 7.19 | 16,907 | 6.16 | 20,145 | 5.84 | 28,766 | 8.28 |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 3,725 | W | 3,633 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 3,711 | W | 7,335 | 5.67 | 14,255 | 7.93 |
| Sabine Pass, Louisiana | 20,919 | 4.84 | 45,841 | 4.46 | 56,170 | 4.51 | 38,237 | 5.03 | 61,725 | 6.27 |
| LNG (Indonesia) | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3,269 | 8.84 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 1,656 | 7.52 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 456 | W |
| Sabine Pass, Louisiana | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 1,156 | 9.84 |
| LNG (Israel) | 0 | -- | 3,270 | 6.48 | 0 | -- | 15,834 | 5.17 | 8,906 | 6.59 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 0 | -- | 6,594 | 4.75 | 0 | -- |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 6,238 | 5.77 | 8,906 | 6.59 |
| Sabine Pass, Louisiana | 0 | -- | 3,270 | 6.48 | 0 | -- | 3,001 | W | 0 | -- |
| LNG (Italy) | 6,493 | 3.95 | 17,390 | 6.46 | 68,655 | 4.99 | 68,453 | 5.27 | 34,210 | 6.64 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 12,828 | 6.26 | 3,401 | W |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 16,937 | 5.18 | 20,137 | 4.41 | 3,425 | W |
| Cove Point, Maryland | 0 | -- | 0 | -- | 3,204 | W | 9,598 | 6.20 | 3,213 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 9,395 | 3.55 | 0 | -- | 7,518 | 7.15 |
| Sabine Pass, Louisiana | 6,493 | 3.95 | 17,390 | 6.46 | 39,119 | 5.15 | 25,890 | 5.11 | 16,654 | 6.63 |
| LNG (Jamaica) | 0 | -- | 1,303 | 6.92 | 13,892 | 5.29 | 17,052 | 4.92 | 25,276 | 7.23 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 2,320 | W | 0 | -- | 1,829 | W |
| Fort Lauderdale, Florida | 0 | -- | 0 | -- | 0 | -- | 1 | W | 214 | 10.39 |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 4,985 | 4.65 | 782 | W |
| Jacksonville, Florida | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3 | 10.80 |
| Miami, Florida | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3 | W |
| Sabine Pass, Louisiana | 0 | -- | 1,303 | 6.92 | 11,572 | 5.05 | 12,067 | 5.02 | 22,444 | 7.01 |
| LNG (Japan) | 53,218 | 6.13 | 125,534 | 6.86 | 201,085 | 6.55 | 288,058 | 6.38 | 354,948 | 7.80 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 35,225 | 7.22 | 75,282 | 6.92 | 140,089 | 7.87 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 17,803 | 4.07 | 27,959 | 4.54 | 43,133 | 8.22 |
| Cove Point, Maryland | 0 | -- | 71,879 | 8.19 | 87,107 | 7.83 | 49,834 | 7.77 | 35,029 | 8.78 |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 2,966 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 3,607 | W | 103,150 | 6.16 | 98,024 | 7.36 |
| Sabine Pass, Louisiana | 53,218 | 6.13 | 53,655 | 5.07 | 57,343 | 4.98 | 31,833 | 5.28 | 35,707 | 7.10 |
| LNG (Jordan) | 36,321 | 4.40 | 38,794 | 4.10 | 32,332 | 3.99 | 6,872 | 5.28 | 0 | -- |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 3,449 | W | 0 | -- | 0 | -- |
| Cove Point, Maryland | 0 | -- | 6,494 | 6.74 | 0 | -- | 0 | -- | 0 | -- |
| Sabine Pass, Louisiana | 36,321 | 4.40 | 32,300 | 3.57 | 28,884 | 3.70 | 6,872 | 5.28 | 0 | -- |
| LNG (Kuwait) | 20,213 | 4.38 | 9,981 | 6.67 | 10,308 | 4.92 | 17,293 | 5.61 | 34,476 | 7.91 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 3,720 | W | 10,351 | 8.67 |
| Cove Point, Maryland | 0 | -- | 6,496 | 6.76 | 0 | -- | 3,166 | W | 3,821 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 6,732 | 7.56 |
| Sabine Pass, Louisiana | 20,213 | 4.38 | 3,485 | 6.49 | 10,308 | 4.92 | 10,407 | 5.14 | 13,572 | 7.86 |
| LNG (Lithuania) | 6,844 | 3.84 | 0 | -- | 3,455 | W | 28,879 | 5.17 | 30,919 | 6.98 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 6,868 | 6.25 | 0 | -- |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 3,455 | W | 3,148 | W | 6,277 | 6.85 |
| Cove Point, Maryland | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 1,677 | W |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 3,045 | W | 3,078 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 6,252 | 4.76 | 10,147 | 6.83 |
| Sabine Pass, Louisiana | 6,844 | 3.84 | 0 | -- | 0 | -- | 9,565 | 4.92 | 9,740 | 7.22 |
| LNG (Malaysia) | 0 | -- | 0 | -- | 3,698 | W | 0 | -- | 0 | -- |
| Sabine Pass, Louisiana | 0 | -- | 0 | -- | 3,698 | W | 0 | -- | 0 | -- |
| LNG (Malta) | 867 | 4.70 | 2,927 | 6.70 | 413 | W | 2,648 | 5.33 | 5,427 | 7.09 |
| Cove Point, Maryland | 0 | -- | 0 | -- | 0 | -- | 570 | 5.69 | 0 | -- |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 2,498 | W |
| Sabine Pass, Louisiana | 867 | 4.70 | 2,927 | 6.70 | 413 | W | 2,077 | W | 2,928 | W |
| LNG (Mexico) | 141,434 | 4.95 | 182,834 | 4.71 | 144,476 | 4.57 | 35,230 | 5.09 | 16,450 | 6.49 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 20,787 | 3.81 | 0 | -- | 1,088 | W |
| Cove Point, Maryland | 0 | -- | 6,704 | 6.91 | 9,650 | 6.42 | 0 | -- | 3,378 | W |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 3,705 | W | 0 | -- |
| Freeport, Texas | 0 | -- | 0 | -- | 6,294 | 4.73 | 6,746 | 4.76 | 3,367 | W |

See footnotes at end of table.

| | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | |
|---------------------------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|
| | Volume | Price | Volume | Price | Volume | Price | Volume | Price | Volume | Price |
| LNG (Mexico) (continued) | | | | | | | | | | |
| Laredo, Texas | 502 | 7.97 | 548 | 8.38 | 1,018 | 8.93 | 498 | 7.34 | 1,061 | 11.05 |
| Nogales, Arizona | 120 | 11.32 | 35 | 10.45 | 64 | 11.72 | 305 | 9.61 | 184 | 13.64 |
| Otay Mesa, California | 69 | 9.87 | 5 | 9.93 | 24 | 10.61 | 17 | 8.07 | 6 | 9.13 |
| Sabine Pass, Louisiana | 140,743 | 4.93 | 175,543 | 4.62 | 106,639 | 4.49 | 23,957 | 5.03 | 7,367 | 6.08 |
| San Luis, Arizona | 0 | -- | 0 | -- | 0 | -- | 1 | W | 0 | -- |
| LNG (Netherlands) | | | | | | | | | | |
| | 3,042 | 6.35 | 12,188 | 6.61 | 81,361 | 4.78 | 85,573 | 5.51 | 174,339 | 7.24 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 3,335 | W | 23,960 | 6.52 | 23,481 | 8.01 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 40,773 | 4.07 | 6,681 | 4.87 | 48,672 | 6.85 |
| Cove Point, Maryland | 0 | -- | 0 | -- | 6,465 | 6.74 | 13,417 | 6.59 | 6,742 | 8.01 |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 3,203 | W | 12,541 | 7.72 |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 7,149 | 5.31 | 18,792 | 8.55 |
| Sabine Pass, Louisiana | 3,042 | 6.35 | 12,188 | 6.61 | 30,789 | 4.88 | 31,163 | 4.36 | 64,111 | 6.71 |
| LNG (Nicaragua) | | | | | | | | | | |
| | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 1 | W |
| Fort Lauderdale, Florida | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 1 | W |
| LNG (Pakistan) | | | | | | | | | | |
| | 3,166 | 3.14 | 12,956 | 5.60 | 26,935 | 6.26 | 36,934 | 4.70 | 45,818 | 7.23 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 7,003 | 5.75 | 3,425 | W |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 3,656 | W | 6,711 | 2.66 | 3,323 | W |
| Cove Point, Maryland | 0 | -- | 3,222 | 6.63 | 3,251 | W | 0 | -- | 3,678 | 7.75 |
| Elba Island, Georgia | 0 | -- | 0 | -- | 3,400 | W | 0 | -- | 3,323 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 10,056 | 3.75 | 26,012 | 7.50 |
| Sabine Pass, Louisiana | 3,166 | 3.14 | 9,733 | 5.25 | 16,628 | 5.46 | 13,163 | 5.92 | 6,057 | 7.86 |
| LNG (Panama) | | | | | | | | | | |
| | 0 | -- | 6,786 | 5.46 | 10,221 | 7.62 | 12,764 | 6.98 | 8,436 | 7.11 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 5,127 | 7.54 | 5,620 | 6.60 |
| Cove Point, Maryland | 0 | -- | 2,077 | 6.80 | 9,743 | 7.69 | 3,228 | W | 0 | -- |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 3,070 | W | 1,390 | W |
| Sabine Pass, Louisiana | 0 | -- | 4,710 | 4.87 | 478 | W | 1,339 | 5.42 | 1,427 | 8.66 |
| LNG (Poland) | | | | | | | | | | |
| | 3,440 | 4.26 | 3,231 | 7.12 | 38,042 | 5.72 | 36,900 | 5.13 | 56,320 | 8.10 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 10,271 | 6.02 | 0 | -- |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 0 | -- | 3,583 | W | 14,152 | 8.48 |
| Cove Point, Maryland | 0 | -- | 3,231 | 7.12 | 6,743 | 6.98 | 3,375 | W | 10,458 | 8.75 |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3,713 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 6,664 | 5.39 | 10,651 | 7.37 |
| Sabine Pass, Louisiana | 3,440 | 4.26 | 0 | -- | 31,299 | 5.45 | 13,007 | 5.03 | 17,346 | 7.88 |
| LNG (Portugal) | | | | | | | | | | |
| | 19,523 | 5.65 | 12,512 | 5.45 | 53,342 | 5.16 | 36,922 | 5.24 | 65,865 | 8.58 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 3,694 | W | 0 | -- |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 13,434 | 5.09 | 17,801 | 5.38 | 47,701 | 8.88 |
| Cove Point, Maryland | 0 | -- | 5,595 | 8.03 | 0 | -- | 3,411 | W | 5,337 | 8.62 |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3,380 | W |
| Sabine Pass, Louisiana | 19,523 | 5.65 | 6,918 | 3.37 | 39,908 | 5.19 | 12,016 | 5.22 | 9,447 | 8.66 |
| LNG (Singapore) | | | | | | | | | | |
| | 0 | -- | 3,679 | 5.63 | 31,440 | 5.25 | 28,341 | 5.30 | 20,918 | 6.49 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3,089 | W |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 3,375 | W | 10,423 | 4.87 | 3,303 | W |
| Cove Point, Maryland | 0 | -- | 0 | -- | 3,435 | W | 0 | -- | 0 | -- |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 3,416 | W | 3,449 | W |
| Sabine Pass, Louisiana | 0 | -- | 3,679 | 5.63 | 24,630 | 4.72 | 14,502 | 5.53 | 11,076 | 6.77 |
| LNG (South Korea) | | | | | | | | | | |
| | 130,185 | 4.18 | 252,223 | 4.56 | 270,025 | 4.76 | 316,613 | 5.66 | 453,483 | 7.46 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 3,393 | W | 28,178 | 7.45 | 60,219 | 7.77 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 39,090 | 4.48 | 27,540 | 4.90 | 69,623 | 6.49 |
| Cove Point, Maryland | 0 | -- | 0 | -- | 0 | -- | 10,019 | 6.81 | 23,850 | 8.08 |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3,712 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 6,705 | 4.36 | 51,667 | 5.56 | 88,744 | 7.71 |
| Sabine Pass, Louisiana | 130,185 | 4.18 | 252,223 | 4.56 | 220,837 | 4.78 | 199,209 | 5.48 | 207,335 | 7.55 |
| LNG (Spain) | | | | | | | | | | |
| | 29,329 | 4.94 | 10,310 | 4.59 | 166,684 | 5.39 | 199,966 | 5.60 | 215,062 | 8.27 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 24,644 | 6.12 | 43,048 | 8.22 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 42,075 | 5.65 | 58,924 | 5.59 | 69,783 | 9.03 |
| Cove Point, Maryland | 0 | -- | 0 | -- | 17,079 | 7.47 | 33,357 | 6.27 | 22,019 | 7.88 |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 6,537 | 7.13 |
| Freeport, Texas | 0 | -- | 0 | -- | 9,054 | 3.47 | 28,711 | 5.47 | 13,847 | 7.09 |
| Sabine Pass, Louisiana | 29,329 | 4.94 | 10,310 | 4.59 | 98,476 | 5.10 | 54,330 | 5.03 | 59,828 | 7.95 |

See footnotes at end of table.

| | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | |
|-----------------------------------|------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|
| | Volume | Price | Volume | Price | Volume | Price | Volume | Price | Volume | Price |
| LNG (Taiwan) | 9,004 | 4.77 | 16,731 | 6.51 | 27,397 | 5.17 | 64,363 | 5.34 | 99,350 | 7.66 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 7,207 | 5.90 | 3,293 | W | 14,417 | 6.50 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 3,658 | W | 15,176 | 5.08 | 42,352 | 8.98 |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 14,742 | 5.74 | 10,987 | 6.89 |
| Sabine Pass, Louisiana | 9,004 | 4.77 | 16,731 | 6.51 | 16,532 | 4.54 | 31,152 | 5.28 | 31,594 | 6.70 |
| LNG (Thailand) | 3,113 | 3.14 | 0 | -- | 6,635 | 6.12 | 32,622 | 4.80 | 14,548 | 5.69 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 3,706 | W |
| Cove Point, Maryland | 0 | -- | 0 | -- | 3,401 | W | 0 | -- | 0 | -- |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 11,313 | 4.28 | 7,160 | 7.35 |
| Sabine Pass, Louisiana | 3,113 | 3.14 | 0 | -- | 3,234 | W | 21,309 | 5.09 | 3,683 | W |
| LNG (Turkey) | 24,855 | 4.84 | 23,205 | 5.38 | 30,611 | 5.13 | 123,957 | 5.48 | 188,849 | 8.98 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 3,653 | W | 10,155 | 5.59 | 21,989 | 7.84 |
| Corpus Christi, Texas | 0 | -- | 0 | -- | 3,528 | W | 13,316 | 3.90 | 41,868 | 11.18 |
| Cove Point, Maryland | 0 | -- | 3,186 | 8.79 | 0 | -- | 22,382 | 5.85 | 18,662 | 8.77 |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 2,975 | W | 3,365 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 0 | -- | 17,304 | 5.97 | 33,783 | 7.74 |
| Sabine Pass, Louisiana | 24,855 | 4.84 | 20,019 | 4.84 | 23,430 | 5.31 | 57,824 | 5.39 | 69,181 | 8.71 |
| LNG (United Arab Emirates) | 13,408 | 3.87 | 3,638 | 3.46 | 20,561 | 3.99 | 10,110 | 5.91 | 0 | -- |
| Cameron, Louisiana | 0 | -- | 0 | -- | 0 | -- | 6,636 | 6.25 | 0 | -- |
| Freeport, Texas | 0 | -- | 0 | -- | 3,325 | W | 0 | -- | 0 | -- |
| Sabine Pass, Louisiana | 13,408 | 3.87 | 3,638 | 3.46 | 17,236 | 4.14 | 3,474 | W | 0 | -- |
| LNG (United Kingdom) | 3,410 | 3.87 | 51,297 | 5.77 | 118,662 | 5.33 | 160,199 | 5.78 | 195,046 | 7.79 |
| Cameron, Louisiana | 0 | -- | 0 | -- | 10,203 | 5.85 | 6,636 | 6.87 | 17,932 | 7.62 |
| Corpus Christi, Texas | 0 | -- | 3,142 | 6.87 | 25,113 | 4.81 | 38,232 | 5.32 | 24,383 | 7.15 |
| Cove Point, Maryland | 0 | -- | 6,128 | 6.36 | 16,799 | 6.71 | 10,424 | 7.03 | 19,668 | 7.29 |
| Elba Island, Georgia | 0 | -- | 0 | -- | 0 | -- | 9,724 | 6.74 | 3,185 | W |
| Freeport, Texas | 0 | -- | 0 | -- | 6,927 | 3.59 | 14,301 | 5.71 | 42,932 | 8.87 |
| Sabine Pass, Louisiana | 3,410 | 3.87 | 42,027 | 5.61 | 59,619 | 5.27 | 80,881 | 5.64 | 86,946 | 7.53 |
| Total LNG | 707,542 | 4.69 | 1,083,118 | 5.20 | 1,819,547 | 5.21 | 2,389,963 | 5.64 | 3,560,818 | 7.62 |
| LNG (by exit) | | | | | | | | | | |
| Babb, Montana | 0 | -- | * | 19.21 | 0 | -- | 0 | -- | 0 | -- |
| Calais, Maine | 0 | -- | 14 | 14.05 | 0 | -- | 0 | -- | 0 | -- |
| Cameron, Louisiana | 0 | -- | 0 | -- | 82,876 | 6.90 | 382,405 | 6.56 | 602,807 | 7.69 |
| Corpus Christi, Texas | 0 | -- | 6,864 | 7.27 | 312,501 | 4.64 | 395,841 | 4.88 | 712,224 | 8.06 |
| Cove Point, Maryland | 0 | -- | 143,134 | 7.61 | 227,552 | 7.12 | 233,102 | 6.59 | 234,236 | 8.06 |
| Doral, Florida | 2 | 10.40 | 4 | 10.39 | 0 | -- | 0 | -- | 0 | -- |
| Elba Island, Georgia | 0 | -- | 0 | -- | 3,400 | W | 36,277 | 6.78 | 84,442 | 7.38 |
| Fort Lauderdale, Florida | 178 | 10.40 | 307 | 10.39 | 409 | 10.39 | 616 | 10.39 | 1,141 | 10.39 |
| Freeport, Texas | 0 | -- | 0 | -- | 49,019 | 3.98 | 413,988 | 5.68 | 683,898 | 7.58 |
| Jacksonville, Florida | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 5 | 10.80 |
| Laredo, Texas | 502 | 7.97 | 548 | 8.38 | 1,018 | 8.93 | 498 | 7.34 | 1,061 | 11.05 |
| Miami, Florida | 22 | 10.40 | 0 | -- | 0 | -- | 0 | -- | 3 | 10.80 |
| Niagara Falls, New York | 0 | -- | 0 | -- | 0 | -- | 8 | 9.99 | 128 | 12.47 |
| Nogales, Arizona | 120 | 11.32 | 35 | 10.45 | 64 | 11.72 | 305 | 9.61 | 184 | 13.64 |
| Noonan-Estevan, North Dakota | 0 | -- | 0 | -- | 1 | 6.84 | 0 | -- | 0 | -- |
| Otay Mesa, California | 69 | 9.87 | 5 | 9.93 | 24 | 10.61 | 17 | 8.07 | 6 | 9.13 |
| Portal, North Dakota | 5 | 8.05 | 5 | 8.86 | 25 | 9.43 | 2 | 7.70 | 0 | -- |
| Sabine Pass, Louisiana | 706,645 | 4.69 | 932,202 | 4.81 | 1,142,660 | 4.89 | 926,901 | 5.28 | 1,240,684 | 7.29 |
| San Luis, Arizona | 0 | -- | 0 | -- | 0 | -- | 1 | 10.95 | 0 | -- |
| CNG (Canada) | | | | | | | | | | |
| Buffalo, North York | 0 | -- | 0 | -- | 4 | 2.73 | 0 | -- | 0 | -- |
| Calais, Maine | 171 | 4.76 | 223 | 4.69 | 258 | 4.00 | 386 | 2.55 | 211 | 4.13 |
| Grand Portage, Minnesota | 0 | -- | 0 | -- | * | 1.35 | 0 | -- | 0 | -- |
| Sweetgrass, Montana | 0 | -- | 0 | -- | * | 2.06 | * | 1.03 | 0 | -- |
| Total CNG | 171 | 4.76 | 223 | 4.69 | 263 | 3.98 | 386 | 2.55 | 211 | 4.13 |
| Total exports | 3,153,804 | 3.54 | 3,607,841 | 3.89 | 4,657,657 | 3.64 | 5,284,678 | 3.70 | 6,652,609 | 6.38 |

* Volume is less than 500,000 cubic feet.

-- Not applicable.

^R Revised data.

^W Withheld.

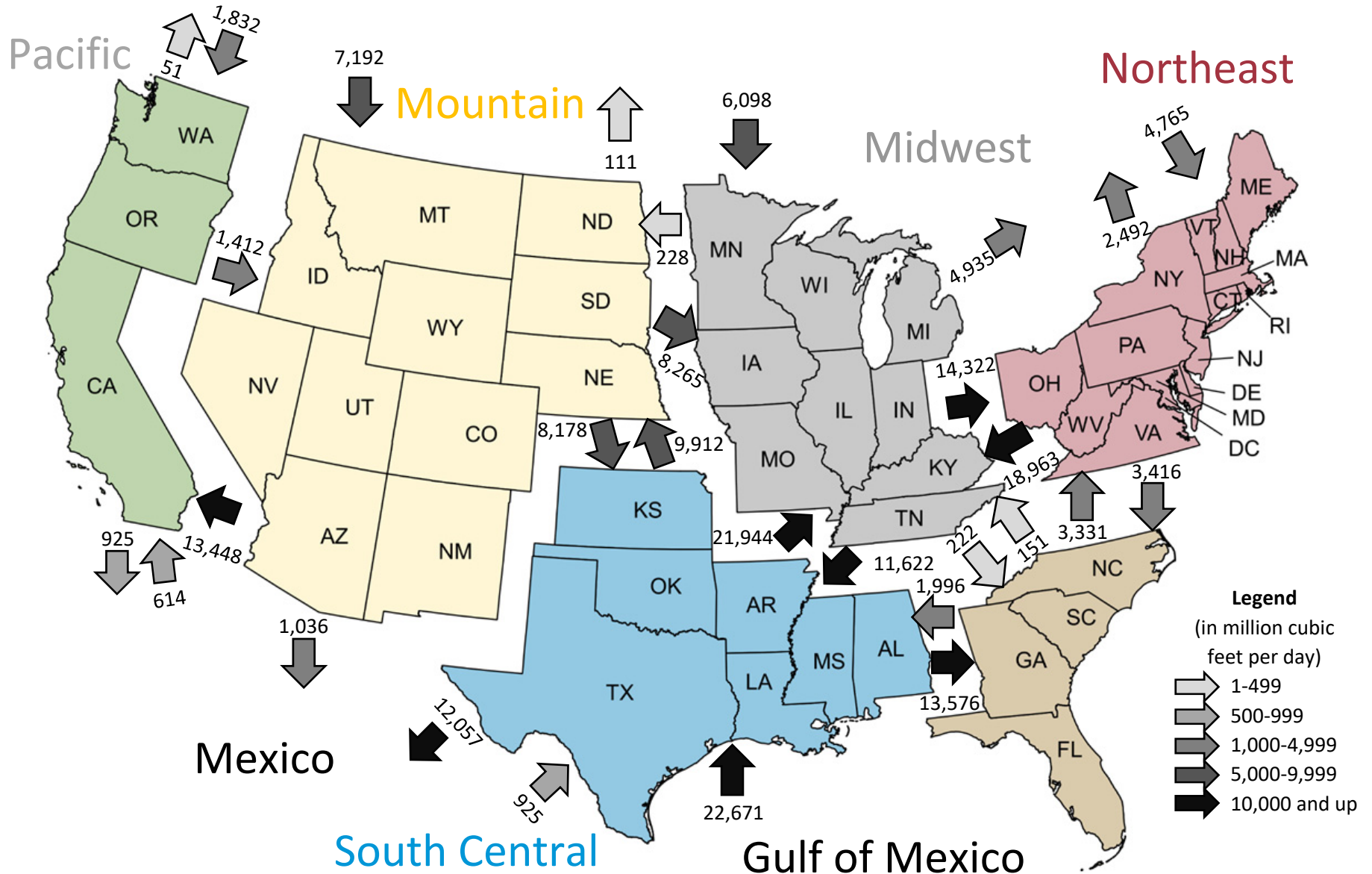
Source: Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*.

Note: Totals may not equal sum of components because of independent rounding. Geographic coverage is the continental United States including Alaska. The price of liquefied natural gas (LNG) exports to Japan is the landed price, defined as received at the terminal in Japan. Prices are in nominal dollars. Total exports prices represent the weighted average of the exports for each country. CNG refers to compressed natural gas.

Natural gas movements and storage

Figure 11. Natural gas flow capacity summary, by region, 2021

million cubic feet per day



Source: U.S. Energy Information Administration (EIA), public press releases, and state and federal agencies' websites (for example, Federal Energy Regulatory Commission).

Table 11. Interstate movements and movements across U.S. borders of natural gas by state, 2021

million cubic feet

| State | State, country, or region from/to | Receipts/ imports from | Deliveries/ exports to | Volume |
|-----------------------------|--------------------------------------|---------------------------|---------------------------|-------------------|
| | | | | Net ^a |
| Alabama | | | | |
| | Arkansas | 0 | 7 | -7 |
| | Florida | 0 | 1,190,968 | -1,190,968 |
| | Georgia | 0 | 1,563,020 | -1,563,020 |
| | Gulf of Mexico | 95,017 | 0 | 95,017 |
| | Indiana | 0 | 1 | -1 |
| | Kentucky | 0 | 3 | -3 |
| | Louisiana | 0 | 69 | -69 |
| | Mississippi | 3,278,122 | 953,724 | 2,324,398 |
| | New Mexico | 0 | 1 | -1 |
| | North Carolina | 0 | 36 | -36 |
| | South Carolina | 0 | 71 | -71 |
| | Tennessee | 1,008,803 | 774 | 1,008,028 |
| | Texas | 0 | 50 | -50 |
| | Virginia | 0 | 8 | -8 |
| | Total | 4,381,941 | 3,708,730 | 673,211 |
| Arizona | | | | |
| | California | 111,177 | 919,739 | -808,562 |
| | Mexico | 3,454 | 105,106 | -101,652 |
| | Nevada | 0 | 13 | -13 |
| | New Mexico | 1,414,528 | 0 | 1,414,528 |
| | Total | 1,529,159 | 1,024,859 | 504,300 |
| Arkansas | | | | |
| | Alabama | 7 | 0 | 7 |
| | Louisiana | 534,184 | 544,458 | -10,274 |
| | Mississippi | 428,700 | 726,034 | -297,334 |
| | Missouri | 0 | 158,631 | -158,631 |
| | Oklahoma | 344,654 | 0 | 344,654 |
| | Tennessee | 554 | 0 | 554 |
| | Texas | 27,981 | 0 | 27,981 |
| | Total | 1,336,081 | 1,429,123 | -93,042 |
| California | | | | |
| | Arizona | 919,739 | 111,177 | 808,562 |
| | Canada | 0 | 6 | -6 |
| | Mexico | 1,385 | 151,727 | -150,342 |
| | Nevada | 542,610 | 49,654 | 492,956 |
| | Oregon | 712,853 | 0 | 712,853 |
| | Utah | 0 | 1 | -1 |
| | Total | 2,176,587 | 312,564 | 1,864,023 |
| Colorado | | | | |
| | Idaho | 0 | 2 | -2 |
| | Kansas | 1,627 | 134,392 | -132,765 |
| | Mexico | 0 | 42 | -42 |
| | Montana | 0 | 1 | -1 |
| | Nebraska | 330,196 | 355,163 | -24,967 |
| | Nevada | 0 | 1 | -1 |
| | New Mexico | 0 | 338,331 | -338,331 |
| | Oklahoma | 0 | 76,495 | -76,495 |
| | Texas | 2 | 0 | 2 |
| | Utah | 8,657 | 168,696 | -160,038 |
| | Wyoming | 312,194 | 729,058 | -416,864 |
| | Total | 652,676 | 1,802,180 | -1,149,504 |
| Connecticut | | | | |
| | Massachusetts | 553 | 0 | 553 |
| | New York | 627,499 | 119,763 | 507,736 |
| | Pennsylvania | 3 | 0 | 3 |
| | Rhode Island | 0 | 241,034 | -241,034 |
| | Total | 628,055 | 360,797 | 267,258 |
| Delaware | | | | |
| | Maryland | 0 | 6,871 | -6,871 |
| | Pennsylvania | 65,623 | 0 | 65,623 |
| | Total | 65,623 | 6,871 | 58,752 |
| District of Columbia | | | | |
| | Maryland | 21,366 | 0 | 21,366 |
| | Virginia | 6,092 | 0 | 6,092 |
| | Total | 27,458 | 0 | 27,458 |

See footnotes at end of table.

| State | State, country, or region from/to | Receipts/ imports from | Deliveries/ exports to | Volume Net ^a |
|----------------|-----------------------------------|---------------------------|---------------------------|----------------------------|
| Florida | | | | |
| | Alabama | 1,190,968 | 0 | 1,190,968 |
| | Antigua and Barbuda | 0 | 8 | -8 |
| | Bahamas | 0 | 486 | -486 |
| | Barbados | 0 | 297 | -297 |
| | Georgia | 349,205 | 0 | 349,205 |
| | Haiti | 0 | 137 | -137 |
| | Jamaica | 0 | 220 | -220 |
| | Nicaragua | 0 | 1 | -1 |
| | Total | 1,540,172 | 1,149 | 1,539,024 |
| Georgia | | | | |
| | Alabama | 1,563,020 | 0 | 1,563,020 |
| | Bangladesh | 0 | 3,493 | -3,493 |
| | Brazil | 0 | 3,349 | -3,349 |
| | Chile | 0 | 15,910 | -15,910 |
| | China | 0 | 7,022 | -7,022 |
| | Dominican Republic | 0 | 2,780 | -2,780 |
| | Florida | 0 | 349,205 | -349,205 |
| | France | 0 | 3,337 | -3,337 |
| | India | 0 | 3,633 | -3,633 |
| | Japan | 0 | 2,966 | -2,966 |
| | South Korea | 0 | 3,712 | -3,712 |
| | Lithuania | 0 | 3,078 | -3,078 |
| | Malta | 0 | 2,498 | -2,498 |
| | Netherlands | 0 | 12,541 | -12,541 |
| | Pakistan | 0 | 3,323 | -3,323 |
| | Poland | 0 | 3,713 | -3,713 |
| | South Carolina | 128,866 | 503,906 | -375,040 |
| | Spain | 0 | 6,537 | -6,537 |
| | Tennessee | 1,668 | 6,971 | -5,304 |
| | Turkey | 0 | 3,365 | -3,365 |
| | United Kingdom | 0 | 3,185 | -3,185 |
| | Total | 1,693,554 | 944,524 | 749,030 |
| Gulf of Mexico | | | | |
| | Alabama | 0 | 95,017 | -95,017 |
| | Louisiana | 0 | 323,537 | -323,537 |
| | Mississippi | 0 | 152,160 | -152,160 |
| | Texas | 0 | 64,257 | -64,257 |
| | Total | 0 | 634,971 | -634,971 |
| Idaho | | | | |
| | Canada | 853,300 | 4 | 853,296 |
| | Colorado | 2 | 0 | 2 |
| | Nevada | 0 | 19,803 | -19,803 |
| | Oregon | 0 | 1,892 | -1,892 |
| | Utah | 116,394 | 0 | 116,394 |
| | Washington | 10,413 | 822,221 | -811,808 |
| | Wyoming | 110 | 0 | 110 |
| | Total | 980,218 | 843,919 | 136,299 |
| Illinois | | | | |
| | Indiana | 561,719 | 627,035 | -65,315 |
| | Iowa | 987,120 | 0 | 987,120 |
| | Missouri | 349,261 | 28,312 | 320,949 |
| | Wisconsin | 0 | 376,489 | -376,489 |
| | Total | 1,898,100 | 1,031,836 | 866,264 |
| Indiana | | | | |
| | Alabama | 1 | 0 | 1 |
| | Illinois | 627,035 | 561,719 | 65,315 |
| | Kentucky | 139,002 | 326,411 | -187,409 |
| | Michigan | 179,376 | 276,147 | -96,770 |
| | Ohio | 1,286,128 | 312,946 | 973,181 |
| | Total | 2,231,542 | 1,477,224 | 754,318 |
| Iowa | | | | |
| | Illinois | 0 | 987,120 | -987,120 |
| | Minnesota | 1,157,648 | 370,690 | 786,958 |
| | Missouri | 155,019 | 549 | 154,470 |
| | Nebraska | 548,447 | 0 | 548,447 |
| | South Dakota | 153 | 3,665 | -3,511 |
| | Total | 1,861,267 | 1,362,023 | 499,245 |
| Kansas | | | | |
| | Colorado | 134,392 | 1,627 | 132,765 |
| | Missouri | 1,044 | 412,645 | -411,601 |
| | Nebraska | 105,888 | 536,749 | -430,861 |
| | Oklahoma | 839,208 | 28,256 | 810,951 |
| | Texas | 10 | 0 | 10 |
| | Wyoming | 2 | 0 | 2 |
| | Total | 1,080,543 | 979,277 | 101,267 |

See footnotes at end of table.

| State | State, country, or region from/to | | | Volume |
|-----------|-----------------------------------|---------------------------|---------------------------|-------------------|
| | | Receipts/ imports from | Deliveries/ exports to | Net ^a |
| Kentucky | | | | |
| | Alabama | 3 | 0 | 3 |
| | Indiana | 326,411 | 139,002 | 187,409 |
| | Ohio | 1,098,319 | 36,129 | 1,062,190 |
| | Oklahoma | 620 | 0 | 620 |
| | Tennessee | 360,428 | 2,386,489 | -2,026,061 |
| | West Virginia | 1,056,696 | 0 | 1,056,696 |
| | Total | 2,842,476 | 2,561,620 | 280,857 |
| Louisiana | | | | |
| | Alabama | 69 | 0 | 69 |
| | Argentina | 0 | 24,574 | -24,574 |
| | Arkansas | 544,458 | 534,184 | 10,274 |
| | Bangladesh | 0 | 24,240 | -24,240 |
| | Belgium | 0 | 2,100 | -2,100 |
| | Brazil | 0 | 127,296 | -127,296 |
| | Chile | 0 | 81,728 | -81,728 |
| | China | 0 | 274,014 | -274,014 |
| | Croatia | 0 | 12,451 | -12,451 |
| | Dominican Republic | 0 | 35,256 | -35,256 |
| | France | 0 | 90,689 | -90,689 |
| | Greece | 0 | 29,322 | -29,322 |
| | Gulf of Mexico | 323,537 | 0 | 323,537 |
| | India | 0 | 115,506 | -115,506 |
| | Italy | 0 | 20,054 | -20,054 |
| | Indonesia | 0 | 2,812 | -2,812 |
| | Jamaica | 0 | 22,444 | -22,444 |
| | Japan | 0 | 175,796 | -175,796 |
| | Kuwait | 0 | 23,922 | -23,922 |
| | Lithuania | 0 | 9,740 | -9,740 |
| | Malta | 0 | 2,928 | -2,928 |
| | Mexico | 0 | 7,367 | -7,367 |
| | Mississippi | 1,050,122 | 2,867,471 | -1,817,349 |
| | Netherlands | 0 | 87,591 | -87,591 |
| | New Mexico | 0 | 1 | -1 |
| | Ohio | 215,409 | 0 | 215,409 |
| | Pakistan | 0 | 9,482 | -9,482 |
| | Panama | 0 | 7,047 | -7,047 |
| | Poland | 0 | 17,346 | -17,346 |
| | Portugal | 0 | 9,447 | -9,447 |
| | Singapore | 0 | 14,165 | -14,165 |
| | South Korea | 0 | 267,554 | -267,554 |
| | Spain | 0 | 102,876 | -102,876 |
| | Taiwan | 0 | 46,011 | -46,011 |
| | Thailand | 0 | 3,683 | -3,683 |
| | Texas | 1,803,813 | 266,868 | 1,536,945 |
| | Turkey | 0 | 91,170 | -91,170 |
| | United Kingdom | 0 | 104,877 | -104,877 |
| | Total | 3,937,408 | 5,512,014 | -1,574,606 |
| Maine | | | | |
| | Canada | 46,704 | 118,597 | -71,893 |
| | New Hampshire | 108,566 | 43,073 | 65,492 |
| | Total | 155,269 | 161,670 | -6,400 |
| Maryland | | | | |
| | Argentina | 0 | 5,510 | -5,510 |
| | Brazil | 0 | 7,533 | -7,533 |
| | China | 0 | 24,007 | -24,007 |
| | District of Columbia | 0 | 21,366 | -21,366 |
| | Delaware | 6,871 | 0 | 6,871 |
| | France | 0 | 10,088 | -10,088 |
| | Greece | 0 | 799 | -799 |
| | India | 0 | 28,766 | -28,766 |
| | Italy | 0 | 3,213 | -3,213 |
| | Japan | 0 | 35,029 | -35,029 |
| | Kuwait | 0 | 3,821 | -3,821 |
| | Lithuania | 0 | 1,677 | -1,677 |
| | Mexico | 0 | 3,378 | -3,378 |
| | Netherlands | 0 | 6,742 | -6,742 |

See footnotes at end of table.

| State | State, country, or region from/to | Receipts/ imports from | Deliveries/ exports to | Volume Net ^a |
|----------------------|-----------------------------------|---------------------------|---------------------------|----------------------------|
| Maryland (continued) | | | | |
| | Pakistan | 0 | 3,678 | -3,678 |
| | Pennsylvania | 1,207,170 | 0 | 1,207,170 |
| | Poland | 0 | 10,458 | -10,458 |
| | Portugal | 0 | 5,337 | -5,337 |
| | South Korea | 0 | 23,850 | -23,850 |
| | Spain | 0 | 22,019 | -22,019 |
| | Turkey | 0 | 18,662 | -18,662 |
| | United Kingdom | 0 | 19,668 | -19,668 |
| | Virginia | 375,957 | 1,039,851 | -663,894 |
| | Total | 1,589,998 | 1,295,454 | 294,544 |
| Massachusetts | | | | |
| | Connecticut | 0 | 553 | -553 |
| | New Hampshire | 19,457 | 47,717 | -28,260 |
| | New York | 258,851 | 0 | 258,851 |
| | Rhode Island | 187,983 | 48,976 | 139,007 |
| | Trinidad/Tobago | 21,423 | 0 | 21,423 |
| | Total | 487,714 | 97,246 | 390,467 |
| Michigan | | | | |
| | Canada | 56,097 | 699,523 | -643,427 |
| | Indiana | 276,147 | 179,376 | 96,770 |
| | Ohio | 1,141,426 | 0 | 1,141,426 |
| | Wisconsin | 436,349 | 93,862 | 342,487 |
| | Total | 1,910,018 | 972,762 | 937,257 |
| Minnesota | | | | |
| | Canada | 606,987 | 3,238 | 603,749 |
| | Iowa | 370,690 | 1,157,648 | -786,958 |
| | North Dakota | 487,412 | 13,053 | 474,359 |
| | South Dakota | 761,856 | 0 | 761,856 |
| | Wisconsin | 3,486 | 513,837 | -510,351 |
| | Total | 2,230,431 | 1,687,776 | 542,655 |
| Mississippi | | | | |
| | Alabama | 953,724 | 3,278,122 | -2,324,398 |
| | Arkansas | 726,034 | 428,700 | 297,334 |
| | Gulf of Mexico | 152,160 | 0 | 152,160 |
| | Louisiana | 2,867,471 | 1,050,122 | 1,817,349 |
| | Tennessee | 1,122,120 | 441,365 | 680,755 |
| | Total | 5,821,509 | 5,198,309 | 623,200 |
| Missouri | | | | |
| | Arkansas | 158,631 | 0 | 158,631 |
| | Illinois | 28,312 | 349,261 | -320,949 |
| | Iowa | 549 | 155,019 | -154,470 |
| | Kansas | 412,645 | 1,044 | 411,601 |
| | Nebraska | 159,313 | 0 | 159,313 |
| | Oklahoma | 5,344 | 0 | 5,344 |
| | Total | 764,793 | 505,324 | 259,469 |
| Montana | | | | |
| | Canada | 292,121 | 0 | 292,121 |
| | Colorado | 1 | 0 | 1 |
| | North Dakota | 20,210 | 236,865 | -216,655 |
| | Wyoming | 25,910 | 29,236 | -3,326 |
| | Total | 338,242 | 266,101 | 72,142 |
| Nebraska | | | | |
| | Colorado | 355,163 | 330,196 | 24,967 |
| | Iowa | 0 | 548,447 | -548,447 |
| | Kansas | 536,749 | 105,888 | 430,861 |
| | Missouri | 0 | 159,313 | -159,313 |
| | South Dakota | 0 | 19,560 | -19,560 |
| | Wyoming | 353,638 | 0 | 353,638 |
| | Total | 1,245,549 | 1,163,403 | 82,146 |

See footnotes at end of table.

| State | State, country, or region from/to | Receipts/ imports from | Deliveries/ exports to | Volume Net ^a |
|----------------|-----------------------------------|---------------------------|---------------------------|----------------------------|
| Nevada | | | | |
| | Arizona | 13 | 0 | 13 |
| | California | 49,654 | 542,610 | -492,956 |
| | Colorado | 1 | 0 | 1 |
| | Idaho | 19,803 | 0 | 19,803 |
| | Mexico | 0 | 1 | -1 |
| | Oregon | 0 | 184,400 | -184,400 |
| | Utah | 937,154 | 0 | 937,154 |
| | Wyoming | 57 | 0 | 57 |
| | Total | 1,006,681 | 727,010 | 279,671 |
| New Hampshire | | | | |
| | Canada | 109,240 | 113 | 109,127 |
| | Maine | 43,073 | 108,566 | -65,492 |
| | Massachusetts | 47,717 | 19,457 | 28,260 |
| | Vermont | 108,183 | 108,183 | 0 |
| | Total | 308,213 | 236,319 | 71,894 |
| New Jersey | | | | |
| | New York | 250,000 | 717,665 | -467,665 |
| | Pennsylvania | 1,509,906 | 0 | 1,509,906 |
| | Total | 1,759,906 | 717,665 | 1,042,240 |
| New Mexico | | | | |
| | Alabama | 1 | 0 | 1 |
| | Arizona | 0 | 1,414,528 | -1,414,528 |
| | Colorado | 338,331 | 0 | 338,331 |
| | Louisiana | 1 | 0 | 1 |
| | Texas | 292,984 | 546,098 | -253,114 |
| | Total | 631,316 | 1,960,626 | -1,329,310 |
| New York | | | | |
| | Canada | 199,441 | 272,602 | -73,161 |
| | Connecticut | 119,763 | 627,499 | -507,736 |
| | Massachusetts | 0 | 258,851 | -258,851 |
| | New Jersey | 717,665 | 250,000 | 467,665 |
| | Pennsylvania | 1,005,753 | 40,388 | 965,366 |
| | Total | 2,042,622 | 1,449,339 | 593,283 |
| North Carolina | | | | |
| | Alabama | 36 | 0 | 36 |
| | South Carolina | 87,599 | 0 | 87,599 |
| | Virginia | 579,065 | 0 | 579,065 |
| | Total | 666,699 | 0 | 666,699 |
| North Dakota | | | | |
| | Canada | 547,867 | 1,045 | 546,822 |
| | Minnesota | 13,053 | 487,412 | -474,359 |
| | Montana | 236,865 | 20,210 | 216,655 |
| | South Dakota | 0 | 818,965 | -818,965 |
| | Total | 797,785 | 1,327,633 | -529,848 |
| Ohio | | | | |
| | Indiana | 312,946 | 1,286,128 | -973,181 |
| | Kentucky | 36,129 | 1,098,319 | -1,062,190 |
| | Louisiana | 0 | 215,409 | -215,409 |
| | Michigan | 0 | 1,141,426 | -1,141,426 |
| | Pennsylvania | 1,295,726 | 49 | 1,295,678 |
| | West Virginia | 1,053,886 | 0 | 1,053,886 |
| | Total | 2,698,688 | 3,741,330 | -1,042,643 |
| Oklahoma | | | | |
| | Arkansas | 0 | 344,654 | -344,654 |
| | Colorado | 76,495 | 0 | 76,495 |
| | Kansas | 28,256 | 839,208 | -810,951 |
| | Kentucky | 0 | 620 | -620 |
| | Missouri | 0 | 5,344 | -5,344 |
| | Texas | 521,560 | 795,561 | -274,002 |
| | Total | 626,311 | 1,985,387 | -1,359,076 |
| Oregon | | | | |
| | California | 0 | 712,853 | -712,853 |
| | Idaho | 1,892 | 0 | 1,892 |
| | Nevada | 184,400 | 0 | 184,400 |
| | Washington | 815,377 | 0 | 815,377 |
| | Total | 1,001,669 | 712,853 | 288,816 |

See footnotes at end of table.

| State | State, country, or region from/to | Volume | | |
|----------------|-----------------------------------|---------------------------|---------------------------|-------------------|
| | | Receipts/ imports from | Deliveries/ exports to | Net ^a |
| Pennsylvania | | | | |
| | Connecticut | 0 | 3 | -3 |
| | Delaware | 0 | 65,623 | -65,623 |
| | Maryland | 0 | 1,207,170 | -1,207,170 |
| | New Jersey | 0 | 1,509,906 | -1,509,906 |
| | New York | 40,388 | 1,005,753 | -965,366 |
| | Ohio | 49 | 1,295,726 | -1,295,678 |
| | West Virginia | 411,129 | 725,775 | -314,646 |
| | Total | 451,566 | 5,809,956 | -5,358,391 |
| Rhode Island | | | | |
| | Connecticut | 241,034 | 0 | 241,034 |
| | Massachusetts | 48,976 | 187,983 | -139,007 |
| | Total | 290,010 | 187,983 | 102,027 |
| South Carolina | | | | |
| | Alabama | 71 | 0 | 71 |
| | Georgia | 503,906 | 128,866 | 375,040 |
| | North Carolina | 0 | 87,599 | -87,599 |
| | Total | 503,977 | 216,465 | 287,513 |
| South Dakota | | | | |
| | Iowa | 3,665 | 153 | 3,511 |
| | Minnesota | 0 | 761,856 | -761,856 |
| | Nebraska | 19,560 | 0 | 19,560 |
| | North Dakota | 818,965 | 0 | 818,965 |
| | Wyoming | 6,932 | 819 | 6,113 |
| | Total | 849,122 | 762,828 | 86,294 |
| Tennessee | | | | |
| | Alabama | 774 | 1,008,803 | -1,008,028 |
| | Arkansas | 0 | 554 | -554 |
| | Georgia | 6,971 | 1,668 | 5,304 |
| | Kentucky | 2,386,489 | 360,428 | 2,026,061 |
| | Mississippi | 441,365 | 1,122,120 | -680,755 |
| | Virginia | 54,039 | 0 | 54,039 |
| | Total | 2,889,638 | 2,493,572 | 396,066 |
| Texas | | | | |
| | Alabama | 50 | 0 | 50 |
| | Argentina | 0 | 53,364 | -53,364 |
| | Arkansas | 0 | 27,981 | -27,981 |
| | Bangladesh | 0 | 10,001 | -10,001 |
| | Belgium | 0 | 3,484 | -3,484 |
| | Brazil | 0 | 169,536 | -169,536 |
| | Chile | 0 | 24,243 | -24,243 |
| | China | 0 | 148,261 | -148,261 |
| | Colorado | 0 | 2 | -2 |
| | Colombia | 0 | 2,247 | -2,247 |
| | Croatia | 0 | 23,681 | -23,681 |
| | Dominican Republic | 0 | 15,058 | -15,058 |
| | France | 0 | 66,667 | -66,667 |
| | Greece | 0 | 9,587 | -9,587 |
| | Gulf of Mexico | 64,257 | 0 | 64,257 |
| | India | 0 | 48,312 | -48,312 |
| | Indonesia | 0 | 456 | -456 |
| | Israel | 0 | 8,906 | -8,906 |
| | Italy | 0 | 10,943 | -10,943 |
| | Jamaica | 0 | 2,611 | -2,611 |
| | Japan | 0 | 141,157 | -141,157 |
| | Kansas | 0 | 10 | -10 |
| | Kuwait | 0 | 6,732 | -6,732 |
| | Lithuania | 0 | 16,425 | -16,425 |
| | Louisiana | 266,868 | 1,803,813 | -1,536,945 |
| | Mexico | 2,789 | 1,922,732 | -1,919,943 |
| | Netherlands | 0 | 67,464 | -67,464 |
| | New Mexico | 546,098 | 292,984 | 253,114 |
| | Oklahoma | 795,561 | 521,560 | 274,002 |
| | Pakistan | 0 | 29,335 | -29,335 |
| | Panama | 0 | 1,390 | -1,390 |
| | Poland | 0 | 24,803 | -24,803 |
| | Portugal | 0 | 51,081 | -51,081 |
| | Singapore | 0 | 6,753 | -6,753 |
| | South Korea | 0 | 158,367 | -158,367 |

See footnotes at end of table.

| State, country, or region | | | | Volume |
|--------------------------------------|----------------------|---------------------------|---------------------------|-------------------|
| State | from/to | Receipts/ imports from | Deliveries/ exports to | Net ^a |
| Texas (continued) | | | | |
| | Spain | 0 | 83,630 | -83,630 |
| | Taiwan | 0 | 53,339 | -53,339 |
| | Thailand | 0 | 10,865 | -10,865 |
| | Turkey | 0 | 75,651 | -75,651 |
| | United Kingdom | 0 | 67,316 | -67,316 |
| | Total | 1,675,622 | 5,960,747 | -4,285,125 |
| Utah | | | | |
| | California | 1 | 0 | 1 |
| | Colorado | 168,696 | 8,657 | 160,038 |
| | Idaho | 0 | 116,394 | -116,394 |
| | Nevada | 0 | 937,154 | -937,154 |
| | Wyoming | 1,130,724 | 170,692 | 960,032 |
| | Total | 1,299,420 | 1,232,897 | 66,523 |
| Vermont | | | | |
| | Canada | 13,337 | 0 | 13,337 |
| | New Hampshire | 108,183 | 108,183 | 0 |
| | Total | 121,520 | 108,183 | 13,337 |
| Virginia | | | | |
| | District of Columbia | 0 | 6,092 | -6,092 |
| | Alabama | 8 | 0 | 8 |
| | Maryland | 1,039,851 | 375,957 | 663,894 |
| | North Carolina | 0 | 579,065 | -579,065 |
| | Tennessee | 0 | 54,039 | -54,039 |
| | West Virginia | 506,441 | 0 | 506,441 |
| | Total | 1,546,300 | 1,015,154 | 531,146 |
| Washington | | | | |
| | Canada | 454,468 | 11,326 | 443,142 |
| | Idaho | 822,221 | 10,413 | 811,808 |
| | Oregon | 0 | 815,377 | -815,377 |
| | Total | 1,276,688 | 837,115 | 439,573 |
| West Virginia | | | | |
| | Kentucky | 0 | 1,056,696 | -1,056,696 |
| | Ohio | 0 | 1,053,886 | -1,053,886 |
| | Pennsylvania | 725,775 | 411,129 | 314,646 |
| | Virginia | 0 | 506,441 | -506,441 |
| | Total | 725,775 | 3,028,153 | -2,302,378 |
| Wisconsin | | | | |
| | Illinois | 376,489 | 0 | 376,489 |
| | Michigan | 93,862 | 436,349 | -342,487 |
| | Minnesota | 513,837 | 3,486 | 510,351 |
| | Total | 984,187 | 439,835 | 544,352 |
| Wyoming | | | | |
| | Colorado | 729,058 | 312,194 | 416,864 |
| | Idaho | 0 | 110 | -110 |
| | Kansas | 0 | 2 | -2 |
| | Montana | 29,236 | 25,910 | 3,326 |
| | Nebraska | 0 | 353,638 | -353,638 |
| | Nevada | 0 | 57 | -57 |
| | South Dakota | 819 | 6,932 | -6,113 |
| | Utah | 170,692 | 1,130,724 | -960,032 |
| | Total | 929,804 | 1,829,566 | -899,762 |
| Total Natural Gas Movements | | 68,489,907 | 72,122,340 | -3,632,433 |
| Movements Across U.S. Borders | | 3,208,611 | 6,841,044 | -3,632,433 |
| U.S. Interstate Movements | | 65,281,295 | 65,281,295 | 0 |

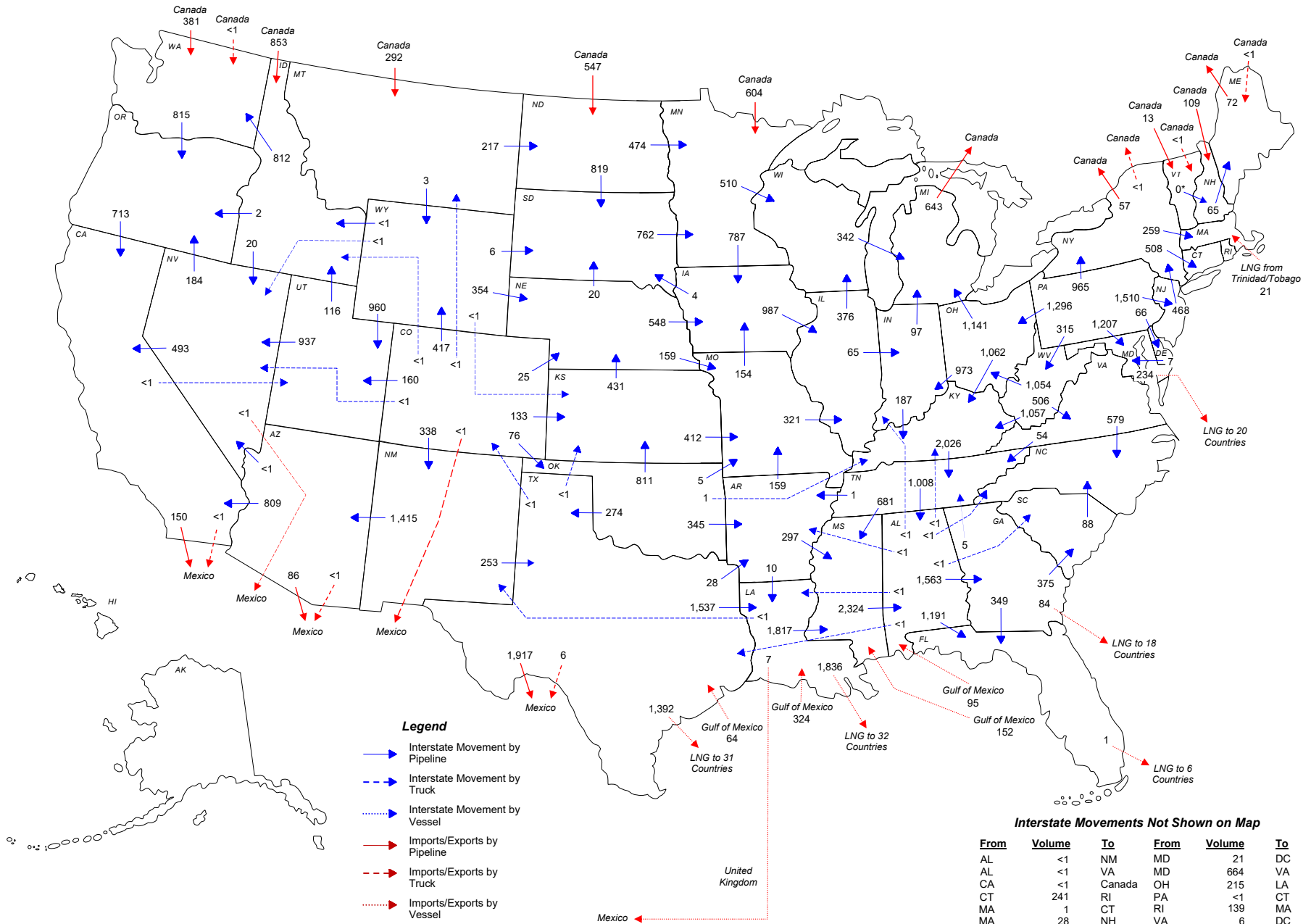
^a Positive numbers denote net receipts; negative numbers denote net deliveries.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*, and the Office of Fossil Energy and Carbon Management, *Natural Gas Imports and Exports*.

Note: Totals may not equal sum of components because of independent rounding. Alliance Pipeline moves saturated natural gas from Sherwood, North Dakota, to the Aux Sable processing plant in Illinois. We adjusted the Alliance volumes to remove volumes of natural gas liquids reported by Alliance. The import volumes of dry natural gas are comparable with other volumes of pipeline imports.

Figure 12. Net interstate movements, imports, and exports of natural gas in the United States, 2021

billion cubic feet



* Vermont to New Hampshire reported equal receipts and deliveries (13,336,864 thousand cubic feet).

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; the Office of Fossil Energy and Carbon Management; U.S. Department of Energy, *Natural Gas Imports and Exports*; and EIA estimates based on historical data.

Table 12. Additions to and withdrawals from natural gas storage by state, 2021

million cubic feet

| State | Underground storage | | | LNG storage | | Net change in storage | |
|----------------|---------------------|------------------|----------------|---------------|---------------|-----------------------|----------------|
| | Injections | Withdrawals | Net | Additions | Withdrawals | | |
| Alabama | 28,854 | 31,310 | -2,456 | 1,342 | 1,243 | 98 | -2,358 |
| Alaska | 10,885 | 13,749 | -2,863 | 0 | 0 | 0 | -2,863 |
| Arkansas | 5,757 | 4,797 | 960 | 0 | 0 | 0 | 960 |
| California | 172,405 | 184,290 | -11,885 | 57 | 57 | -1 | -11,886 |
| Colorado | 62,575 | 62,647 | -73 | 0 | 0 | 0 | -73 |
| Connecticut | 0 | 0 | 0 | 488 | 568 | -80 | -80 |
| Delaware | 0 | 0 | 0 | 64 | 69 | -5 | -5 |
| Georgia | 0 | 0 | 0 | 3,253 | 1,185 | 2,069 | 2,069 |
| Idaho | 0 | 0 | 0 | 5 | 187 | -182 | -182 |
| Illinois | 230,330 | 232,691 | -2,361 | 837 | 852 | -14 | -2,375 |
| Indiana | 20,687 | 17,216 | 3,471 | 963 | 1,216 | -252 | 3,219 |
| Iowa | 67,280 | 63,340 | 3,940 | 2,375 | 2,508 | -133 | 3,807 |
| Kansas | 106,830 | 105,903 | 927 | 0 | 0 | 0 | 927 |
| Kentucky | 70,823 | 68,037 | 2,785 | 0 | 0 | 0 | 2,785 |
| Louisiana | 487,801 | 536,673 | -48,872 | 0 | 0 | 0 | -48,872 |
| Maine | 0 | 0 | 0 | 45 | 45 | * | * |
| Maryland | 16,922 | 15,119 | 1,803 | 519 | 531 | -12 | 1,791 |
| Massachusetts | 0 | 0 | 0 | 5,151 | 4,754 | 397 | 397 |
| Michigan | 439,928 | 477,696 | -37,767 | 0 | 0 | 0 | -37,767 |
| Minnesota | 1,368 | 1,313 | 55 | 1,230 | 1,403 | -173 | -118 |
| Mississippi | 268,902 | 264,277 | 4,625 | 0 | 0 | 0 | 4,625 |
| Missouri | 2,885 | 2,461 | 425 | 0 | 0 | 0 | 425 |
| Montana | 25,903 | 28,106 | -2,204 | 0 | 0 | 0 | -2,204 |
| Nebraska | 7,919 | 7,578 | 341 | 635 | 635 | 0 | 341 |
| Nevada | 0 | 0 | 0 | 92 | 95 | -3 | -3 |
| New Hampshire | 0 | 0 | 0 | 189 | 190 | -1 | -1 |
| New Jersey | 0 | 0 | 0 | 2,375 | 1,782 | 593 | 593 |
| New Mexico | 11,983 | 28,448 | -16,465 | 0 | 0 | 0 | -16,465 |
| New York | 85,110 | 86,561 | -1,451 | 782 | 708 | 74 | -1,377 |
| North Carolina | 0 | 0 | 0 | 6,897 | 6,621 | 276 | 276 |
| Ohio | 161,349 | 160,023 | 1,326 | 0 | 0 | 0 | 1,326 |
| Oklahoma | 159,348 | 142,486 | 16,862 | 0 | 0 | 0 | 16,862 |
| Oregon | 21,270 | 21,120 | 150 | 684 | 733 | -49 | 101 |
| Pennsylvania | 382,943 | 389,999 | -7,055 | 6,067 | 6,450 | -383 | -7,439 |
| Rhode Island | 0 | 0 | 0 | 263 | 261 | 2 | 2 |
| South Carolina | 0 | 0 | 0 | 914 | 1,835 | -922 | -922 |
| Tennessee | 123 | 176 | -53 | 1,853 | 1,643 | 209 | 156 |
| Texas | 526,062 | 518,695 | 7,367 | 4,661 | 5,022 | -361 | 7,006 |
| Utah | 40,631 | 38,868 | 1,762 | 0 | 0 | 0 | 1,762 |
| Virginia | 9,939 | 9,875 | 64 | 387 | 646 | -259 | -195 |
| Washington | 32,076 | 33,353 | -1,277 | 643 | 751 | -108 | -1,386 |
| West Virginia | 191,681 | 181,165 | 10,516 | 0 | 0 | 0 | 10,516 |
| Wisconsin | 0 | 0 | 0 | 86 | 96 | -11 | -11 |
| Wyoming | 27,365 | 33,146 | -5,782 | 0 | 0 | 0 | -5,782 |
| Total | 3,677,933 | 3,761,119 | -83,185 | 42,856 | 42,086 | 770 | -82,415 |

* Volume is less than 500,000 cubic feet.

Source: U.S. Energy Information Administration (EIA), Form EIA-191, *Monthly Underground Gas Storage Report*, and Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Note: Existing fields include both active and inactive fields. Totals may not equal sum of components because of independent rounding.

Table 13. Underground natural gas storage capacity by state, December 31, 2021

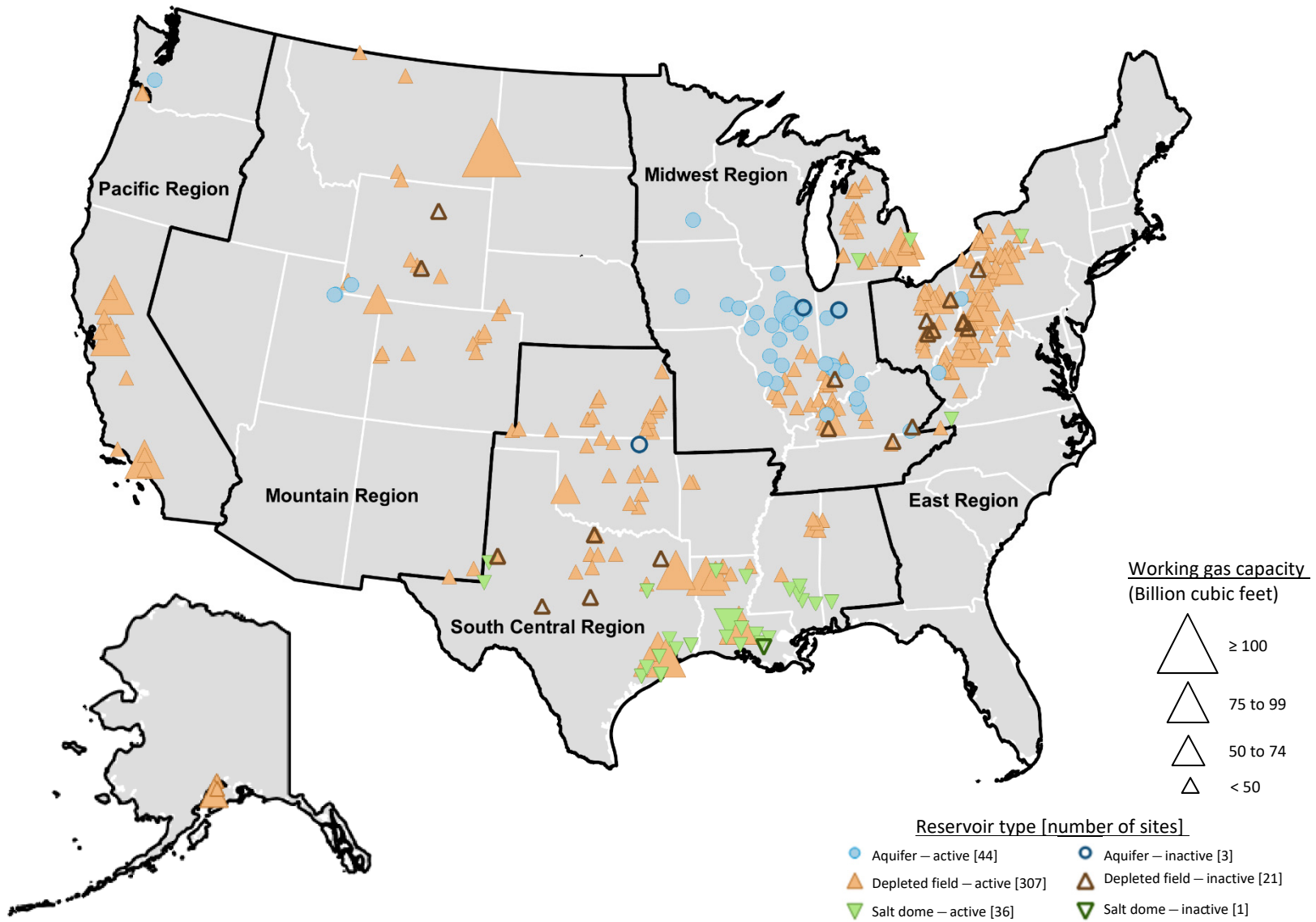
million cubic feet

| State | Salt caverns | | | Aquifers | | | Depleted fields | | | Total | | |
|---------------|---------------------------|------------------------------|----------------|---------------------------|------------------------------|------------------|---------------------------|------------------------------|------------------|---------------------------|------------------------------|------------------|
| | Number of existing fields | Working natural gas capacity | Total capacity | Number of existing fields | Working natural gas capacity | Total capacity | Number of existing fields | Working natural gas capacity | Total capacity | Number of existing fields | Working natural gas capacity | Total capacity |
| Alabama | 1 | 21,950 | 30,100 | 0 | 0 | 0 | 1 | 11,200 | 13,500 | 2 | 33,150 | 43,600 |
| Alaska | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 67,915 | 83,592 | 5 | 67,915 | 83,592 |
| Arkansas | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8,894 | 21,972 | 2 | 8,894 | 21,972 |
| California | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 322,868 | 604,048 | 14 | 322,868 | 604,048 |
| Colorado | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 72,754 | 141,407 | 10 | 72,754 | 141,407 |
| Illinois | 0 | 0 | 0 | 18 | 251,845 | 912,173 | 10 | 51,768 | 106,119 | 28 | 303,613 | 1,018,292 |
| Indiana | 0 | 0 | 0 | 12 | 19,241 | 80,230 | 11 | 13,001 | 33,235 | 23 | 32,242 | 113,465 |
| Iowa | 0 | 0 | 0 | 4 | 90,313 | 288,210 | 0 | 0 | 0 | 4 | 90,313 | 288,210 |
| Kansas | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 122,982 | 282,986 | 16 | 122,982 | 282,986 |
| Kentucky | 0 | 0 | 0 | 4 | 9,229 | 14,367 | 18 | 98,367 | 207,328 | 22 | 107,596 | 221,695 |
| Louisiana | 11 | 159,923 | 226,323 | 0 | 0 | 0 | 8 | 301,511 | 520,900 | 19 | 461,434 | 747,223 |
| Maryland | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 18,300 | 64,000 | 1 | 18,300 | 64,000 |
| Michigan | 2 | 2,160 | 3,834 | 0 | 0 | 0 | 42 | 681,660 | 1,067,774 | 44 | 683,820 | 1,071,608 |
| Minnesota | 0 | 0 | 0 | 1 | 2,000 | 7,000 | 0 | 0 | 0 | 1 | 2,000 | 7,000 |
| Mississippi | 5 | 132,945 | 183,829 | 0 | 0 | 0 | 6 | 68,911 | 147,100 | 11 | 201,856 | 330,928 |
| Missouri | 0 | 0 | 0 | 1 | 3,656 | 13,845 | 0 | 0 | 0 | 1 | 3,656 | 13,845 |
| Montana | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 197,477 | 376,225 | 4 | 197,477 | 376,225 |
| Nebraska | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12,653 | 34,850 | 1 | 12,653 | 34,850 |
| New Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 59,738 | 89,100 | 2 | 59,738 | 89,100 |
| New York | 1 | 1,450 | 2,340 | 0 | 0 | 0 | 25 | 126,037 | 243,439 | 26 | 127,487 | 245,779 |
| Ohio | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 253,750 | 575,109 | 24 | 253,750 | 575,109 |
| Oklahoma | 0 | 0 | 0 | 1 | 31 | 170 | 11 | 197,890 | 372,485 | 12 | 197,921 | 372,655 |
| Oregon | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 21,118 | 36,027 | 8 | 21,118 | 36,027 |
| Pennsylvania | 0 | 0 | 0 | 1 | 938 | 2,676 | 48 | 426,688 | 760,619 | 49 | 427,626 | 763,296 |
| Tennessee | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1,800 | 2,400 | 2 | 1,800 | 2,400 |
| Texas | 16 | 166,497 | 252,821 | 0 | 0 | 0 | 19 | 377,817 | 594,664 | 35 | 544,315 | 847,485 |
| Utah | 0 | 0 | 0 | 2 | 992 | 4,309 | 1 | 53,950 | 120,200 | 3 | 54,942 | 124,509 |
| Virginia | 1 | 3,530 | 5,660 | 0 | 0 | 0 | 1 | 1,400 | 3,300 | 2 | 4,930 | 8,960 |
| Washington | 0 | 0 | 0 | 1 | 24,600 | 46,900 | 0 | 0 | 0 | 1 | 24,600 | 46,900 |
| West Virginia | 0 | 0 | 0 | 1 | 66 | 200 | 30 | 268,737 | 531,506 | 31 | 268,803 | 531,706 |
| Wyoming | 0 | 0 | 0 | 1 | 836 | 6,705 | 8 | 73,461 | 149,290 | 9 | 74,297 | 155,995 |
| Total | 37 | 488,456 | 704,906 | 47 | 403,747 | 1,376,785 | 328 | 3,912,646 | 7,183,176 | 412 | 4,804,849 | 9,264,867 |

Source: U.S. Energy Information Administration (EIA), Form EIA-191, *Monthly Underground Gas Storage Report*.

Note: Existing fields include both active and inactive fields. Totals may not equal sum of components because of independent rounding.

Figure 13. Locations of existing natural gas underground storage fields in the United States, 2021

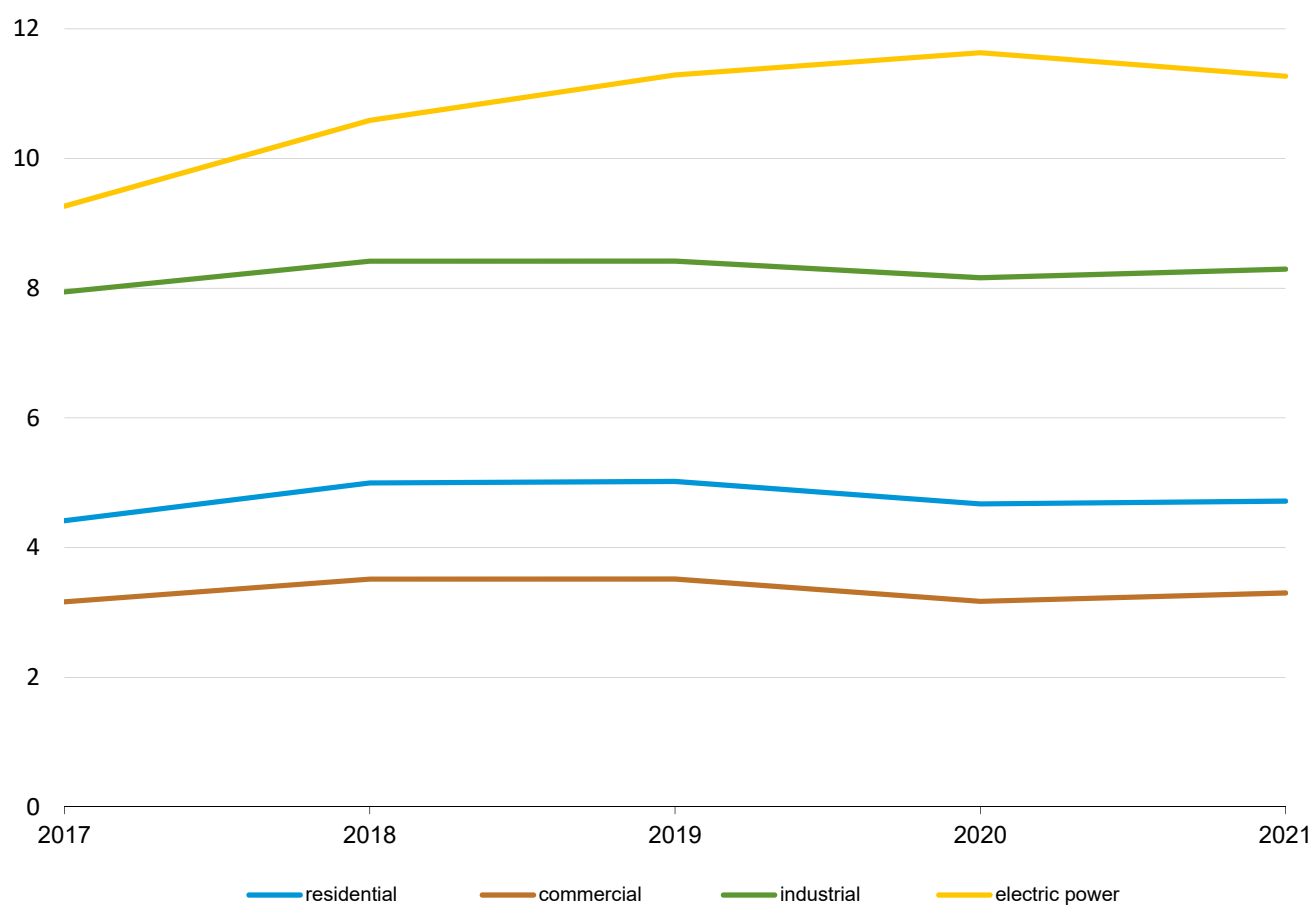


Source: U.S. Energy Information Administration (EIA), Form EIA-191, *Monthly Underground Gas Storage Report*. Field locations are based on county centroids.

Natural gas consumption

Figure 14. Natural gas delivered to consumers in the United States, 2017-2021

trillion cubic feet



Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*, and Form EIA-923, *Power Plant Operations Report*.

Table 14. Consumption of natural gas by state, 2017-2021

million cubic feet

| Year and state/district | Delivered to consumers | Lease fuel ^a | Plant fuel | Pipeline and distribution use ^b | Total consumption |
|-------------------------|-------------------------|-------------------------|----------------------|--|-------------------------|
| 2017 Total | 24,834,715 | 1,159,864 | 423,071 | 722,049 | 27,139,699 |
| 2018 Total | 27,568,157 | 1,248,046 | 446,192 | 876,535 | 30,138,930 |
| 2019 Total | 28,291,006 | 1,332,506 | 490,434 | 1,018,095 | 31,132,041 |
| 2020 Total | ^r 27,686,082 | 1,290,554 | ^r 518,913 | ^r 1,017,904 | ^r 30,513,453 |
| 2021 Total | 27,634,144 | 1,370,570 | 530,675 | 1,129,562 | 30,664,951 |
| Alabama | 674,102 | 6,327 | 4,987 | 25,009 | 710,424 |
| Alaska | 73,620 | 257,603 | 59,942 | 491 | 391,656 |
| Arizona | 453,916 | €16 | 0 | 16,586 | 470,518 |
| Arkansas | 343,602 | €2,689 | 256 | 5,170 | 351,716 |
| California | 2,033,781 | 35,254 | 2,128 | 21,449 | 2,092,612 |
| Colorado | 397,615 | €36,468 | 54,758 | 8,346 | 497,187 |
| Connecticut | 292,664 | 0 | 0 | 6,833 | 299,497 |
| Delaware | 81,694 | 0 | 0 | 689 | 82,382 |
| District of Columbia | 26,555 | 0 | 0 | 902 | 27,458 |
| Florida | 1,526,411 | NA | 233 | 14,767 | 1,541,411 |
| Georgia | 761,933 | 0 | 0 | 6,372 | 768,305 |
| Gulf of Mexico | 0 | 77,472 | 0 | 0 | 77,472 |
| Hawaii | 2,781 | 0 | 0 | 2 | 2,783 |
| Idaho | 122,988 | 21 | 0 | 6,203 | 129,212 |
| Illinois | 1,082,923 | €92 | 5,801 | 18,995 | 1,107,811 |
| Indiana | 816,651 | €244 | 0 | 10,346 | 827,240 |
| Iowa | 378,716 | 0 | 0 | 7,554 | 386,270 |
| Kansas | 260,690 | €8,414 | 857 | 13,020 | 282,981 |
| Kentucky | 317,769 | €4,522 | 224 | 30,296 | 352,811 |
| Louisiana | 1,464,084 | 47,851 | 15,064 | 224,500 | 1,751,499 |
| Maine | 49,961 | 0 | 0 | 1,836 | 51,797 |
| Maryland | 264,693 | 0 | 0 | 27,475 | 292,169 |
| Massachusetts | 385,160 | 0 | 0 | 7,364 | 392,524 |
| Michigan | 871,173 | €4,049 | 869 | 25,825 | 901,916 |
| Minnesota | 474,891 | 0 | 0 | 14,981 | 489,872 |
| Mississippi | 532,763 | €965 | 697 | 32,902 | 567,327 |
| Missouri | 290,220 | NA | 0 | 4,391 | 294,611 |
| Montana | 75,630 | 2,608 | 542 | 2,843 | 81,624 |
| Nebraska | 177,669 | €58 | 0 | 3,745 | 181,472 |
| Nevada | 290,690 | €4 | 0 | 3,467 | 294,161 |
| New Hampshire | 57,975 | 0 | 0 | 277 | 58,252 |
| New Jersey | 665,528 | 0 | 0 | 7,407 | 672,934 |
| New Mexico | 161,575 | 59,541 | 44,187 | 10,730 | 276,033 |
| New York | 1,282,847 | €155 | 0 | 35,558 | 1,318,560 |
| North Carolina | 608,547 | 0 | 0 | 3,175 | 611,722 |
| North Dakota | 77,933 | €50,946 | 18,221 | 35,463 | 182,563 |
| Ohio | 1,135,911 | €15,968 | 3,702 | 49,503 | 1,205,084 |
| Oklahoma | 569,239 | €56,160 | 44,692 | 42,149 | 712,240 |
| Oregon | 274,191 | €10 | 0 | 7,859 | 282,060 |
| Pennsylvania | 1,482,771 | €266,928 | 6,474 | 51,600 | 1,807,772 |
| Rhode Island | 94,645 | 0 | 0 | 2,207 | 96,852 |
| South Carolina | 337,169 | 0 | 0 | 2,685 | 339,854 |
| South Dakota | 84,358 | €9 | 0 | 5,787 | 90,153 |
| Tennessee | 381,998 | €216 | 110 | 18,075 | 400,400 |
| Texas | 3,938,808 | €274,528 | 225,667 | 227,018 | 4,666,021 |
| Utah | 230,031 | 16,138 | 2,578 | 12,002 | 260,749 |
| Vermont | 13,270 | 0 | 0 | 2 | 13,272 |
| Virginia | 650,373 | €5,474 | 0 | 13,032 | 668,879 |
| Washington | 336,304 | 0 | 0 | 12,368 | 348,671 |
| West Virginia | 104,538 | €107,657 | 12,862 | 33,631 | 258,687 |
| Wisconsin | 538,956 | 0 | 0 | 3,662 | 542,618 |
| Wyoming | 81,832 | 32,184 | 25,824 | 13,016 | 152,855 |

^a We used lease fuel quantities available directly from state agencies' websites or reports. For states where these data are not available, we estimated lease fuel quantities by applying an average of the state's historical ratio of lease fuel to gross withdrawals (Appendix A).

^b Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas as a result of leaks, damage, accidents, migration, and/or blow down.

[€] Estimated data.

^{NA} Not available.

^R Revised data.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; Form EIA-923, *Power Plant Operations Report*; and state agencies.

Note: Totals may not equal sum of components because of independent rounding and/or withheld data.

Table 15. Natural gas delivered to consumers by sector, 2017-2021, and by state and sector, 2021

| Year and state/district | Residential | | Commercial | | Industrial | |
|-------------------------|-----------------------------|-------------------|-----------------------------|------------------|-----------------------------|----------------|
| | Volume (million cubic feet) | Consumers | Volume (million cubic feet) | Consumers | Volume (million cubic feet) | Consumers |
| 2017 Total | 4,413,324 | 69,067,541 | 3,164,615 | 5,499,932 | 7,943,018 | 184,959 |
| 2018 Total | 4,997,554 | 69,737,549 | 3,513,954 | 5,518,358 | 8,417,300 | 185,009 |
| 2019 Total | 5,018,519 | 70,431,299 | 3,514,566 | 5,551,599 | 8,416,660 | 183,507 |
| 2020 Total | R4,674,461 | R71,540,702 | R3,169,955 | R5,627,741 | R8,160,801 | R184,458 |
| 2021 Total | 4,716,208 | 71,936,075 | 3,298,222 | 5,611,726 | 8,294,683 | 182,019 |
| Alabama | 32,188 | 787,783 | 25,682 | 69,610 | 232,804 | 3,522 |
| Alaska | 21,538 | 138,362 | 16,817 | 14,177 | 10,903 | 7 |
| Arizona | 39,828 | 1,330,138 | 33,279 | 58,749 | 19,941 | 381 |
| Arkansas | 33,793 | 567,968 | 57,061 | 69,792 | 104,988 | 925 |
| California | 449,311 | 11,232,552 | 240,019 | 444,760 | 681,620 | 35,498 |
| Colorado | 135,291 | 1,867,050 | 59,170 | 153,435 | 86,701 | 9,786 |
| Connecticut | 49,873 | 584,002 | 55,244 | 63,134 | 22,550 | 2,964 |
| Delaware | 11,524 | 190,281 | 15,424 | 14,437 | 32,826 | 130 |
| District of Columbia | 11,521 | 155,091 | 14,760 | 9,913 | 0 | 0 |
| Florida | 19,330 | 840,152 | 62,668 | 72,190 | 131,299 | 496 |
| Georgia | 126,670 | 1,881,936 | 53,082 | 126,651 | 162,005 | 2,772 |
| Hawaii | 618 | 29,059 | 2,059 | 2,936 | 104 | 5 |
| Idaho | 30,805 | 441,607 | 20,386 | 44,491 | 37,888 | 378 |
| Illinois | 388,195 | 3,973,048 | 222,905 | 298,478 | 252,680 | 22,963 |
| Indiana | 130,987 | 1,812,881 | 88,591 | 165,411 | 389,866 | 4,684 |
| Iowa | 61,808 | 951,735 | 50,918 | 102,624 | 227,782 | 1,604 |
| Kansas | 60,146 | 884,427 | 41,010 | 86,573 | 135,514 | 7,509 |
| Kentucky | 46,882 | 786,902 | 35,961 | 87,660 | 123,239 | 2,106 |
| Louisiana | 36,292 | 927,647 | 32,571 | 59,887 | 1,078,571 | 927 |
| Maine | 2,937 | 38,421 | 9,034 | 13,542 | 21,863 | 157 |
| Maryland | 76,874 | 1,188,292 | 69,053 | 78,778 | 18,720 | 1,138 |
| Massachusetts | 122,812 | 1,581,946 | 103,256 | 145,927 | 47,538 | 11,089 |
| Michigan | 296,039 | 3,379,955 | 161,399 | 262,812 | 158,649 | 6,392 |
| Minnesota | 130,583 | 1,602,690 | 102,194 | 144,067 | 152,378 | 2,037 |
| Mississippi | 21,270 | 429,652 | 19,280 | 46,773 | 132,743 | 851 |
| Missouri | 101,464 | 1,444,001 | 62,466 | 115,778 | 64,384 | 3,042 |
| Montana | 21,107 | 287,380 | 24,668 | 38,887 | 24,845 | 338 |
| Nebraska | 36,377 | 553,328 | 31,822 | 61,629 | 96,364 | 5,507 |
| Nevada | 44,848 | 922,888 | 30,739 | 46,515 | 17,558 | 226 |
| New Hampshire | 7,438 | 113,574 | 9,338 | 19,630 | 9,082 | 198 |
| New Jersey | 232,225 | 2,904,021 | 150,083 | 249,225 | 60,186 | 6,696 |
| New Mexico | 35,559 | 609,186 | 26,944 | 51,221 | 17,086 | 540 |
| New York | 445,564 | 4,559,338 | 297,800 | 424,324 | 89,731 | 6,044 |
| North Carolina | 72,067 | 1,367,653 | 56,718 | 129,518 | 122,230 | 2,672 |
| North Dakota | 11,156 | 152,032 | 13,855 | 24,205 | 38,461 | 271 |
| Ohio | 272,676 | 3,427,853 | 169,448 | 273,347 | 310,019 | 5,488 |
| Oklahoma | 63,743 | 967,703 | 43,774 | 97,550 | 207,243 | 3,130 |
| Oregon | 46,196 | 788,177 | 29,700 | 83,725 | 58,109 | 1,197 |
| Pennsylvania | 226,453 | 2,864,907 | 154,420 | 251,244 | 240,907 | 4,482 |
| Rhode Island | 18,581 | 247,368 | 11,236 | 24,837 | 8,458 | 273 |
| South Carolina | 33,205 | 758,356 | 25,853 | 61,285 | 99,792 | 1,429 |
| South Dakota | 12,447 | 201,101 | 11,462 | 26,359 | 48,732 | 548 |
| Tennessee | 71,698 | 1,212,909 | 58,564 | 138,184 | 153,563 | 2,550 |
| Texas | 211,133 | 5,010,686 | 181,268 | 336,535 | 1,894,831 | 6,135 |
| Utah | 71,628 | 1,029,304 | 43,970 | 71,969 | 39,747 | 375 |
| Vermont | 3,732 | 48,229 | 7,479 | 6,178 | 2,018 | 14 |
| Virginia | 81,261 | 1,280,027 | 71,331 | 104,088 | 112,372 | 989 |
| Washington | 89,507 | 1,251,963 | 57,567 | 107,840 | 80,709 | 3,306 |
| West Virginia | 23,818 | 336,296 | 22,692 | 35,294 | 38,009 | 91 |
| Wisconsin | 132,369 | 1,823,385 | 100,907 | 173,794 | 148,367 | 8,082 |
| Wyoming | 12,845 | 170,833 | 12,294 | 21,758 | 48,702 | 75 |

See footnotes at end of table.

| Year and state/district | Vehicle fuel | Electric power | Delivered to consumers | Heating value ^a |
|-------------------------|-----------------------------|-----------------------------|-----------------------------|--|
| | Volume (million cubic feet) | Volume (million cubic feet) | Volume (million cubic feet) | (British thermal units per cubic foot) |
| 2017 Total | 48,204 | 9,265,555 | 24,834,715 | 1,036 |
| 2018 Total | 50,413 | 10,588,937 | 27,568,157 | 1,036 |
| 2019 Total | 53,166 | 11,288,096 | 28,291,006 | 1,038 |
| 2020 Total | ^R 49,141 | ^R 11,631,723 | ^R 27,686,082 | 1,037 |
| 2021 Total | 54,479 | 11,270,552 | 27,634,144 | 1,037 |
| Alabama | 74 | 383,354 | 674,102 | 1,031 |
| Alaska | 4 | 24,358 | 73,620 | 979 |
| Arizona | 2,071 | 358,796 | 453,916 | 1,033 |
| Arkansas | 83 | 147,677 | 343,602 | 1,020 |
| California | 25,449 | 637,382 | 2,033,781 | 1,034 |
| Colorado | 1,766 | 114,687 | 397,615 | 1,064 |
| Connecticut | 200 | 164,796 | 292,664 | 1,029 |
| Delaware | 0 | 21,920 | 81,694 | 1,039 |
| District of Columbia | 274 | -- | 26,555 | 1,032 |
| Florida | 5,617 | 1,307,497 | 1,526,411 | 1,026 |
| Georgia | 1,518 | 418,660 | 761,933 | 1,028 |
| Hawaii | 0 | -- | 2,781 | 918 |
| Idaho | 69 | 33,841 | 122,988 | 1,019 |
| Illinois | 70 | 219,074 | 1,082,923 | 1,034 |
| Indiana | 1,931 | 205,276 | 816,651 | 1,056 |
| Iowa | 25 | 38,183 | 378,716 | 1,070 |
| Kansas | 920 | 23,099 | 260,690 | 1,034 |
| Kentucky | 11 | 111,675 | 317,769 | 1,048 |
| Louisiana | 361 | 316,289 | 1,464,084 | 1,020 |
| Maine | * | 16,127 | 49,961 | 1,041 |
| Maryland | 285 | 99,760 | 264,693 | 1,039 |
| Massachusetts | 80 | 111,475 | 385,160 | 1,030 |
| Michigan | 2 | 255,084 | 871,173 | 1,057 |
| Minnesota | 549 | 89,187 | 474,891 | 1,058 |
| Mississippi | 12 | 359,457 | 532,763 | 1,029 |
| Missouri | 222 | 61,683 | 290,220 | 1,022 |
| Montana | * | 5,010 | 75,630 | 1,057 |
| Nebraska | 412 | 12,694 | 177,669 | 1,063 |
| Nevada | 1,144 | 196,400 | 290,690 | 1,039 |
| New Hampshire | 13 | 32,104 | 57,975 | 1,032 |
| New Jersey | 449 | 222,585 | 665,528 | 1,038 |
| New Mexico | 397 | 81,589 | 161,575 | 1,031 |
| New York | 1,130 | 448,621 | 1,282,847 | 1,032 |
| North Carolina | 1,595 | 355,937 | 608,547 | 1,034 |
| North Dakota | * | 14,461 | 77,933 | 1,069 |
| Ohio | 1,105 | 382,663 | 1,135,911 | 1,070 |
| Oklahoma | 1,758 | 252,720 | 569,239 | 1,029 |
| Oregon | 41 | 140,145 | 274,191 | 1,055 |
| Pennsylvania | 1,709 | 859,281 | 1,482,771 | 1,037 |
| Rhode Island | 100 | 56,269 | 94,645 | 1,029 |
| South Carolina | 96 | 178,223 | 337,169 | 1,031 |
| South Dakota | 0 | 11,717 | 84,358 | 1,080 |
| Tennessee | 379 | 97,795 | 381,998 | 1,031 |
| Texas | 938 | 1,650,638 | 3,938,808 | 1,022 |
| Utah | 290 | 74,395 | 230,031 | 1,046 |
| Vermont | 33 | 8 | 13,270 | 1,040 |
| Virginia | 675 | 384,734 | 650,373 | 1,051 |
| Washington | 137 | 108,383 | 336,304 | 1,086 |
| West Virginia | 5 | 20,014 | 104,538 | 1,081 |
| Wisconsin | 467 | 156,847 | 538,956 | 1,045 |
| Wyoming | 11 | 7,980 | 81,832 | 1,056 |

^a Heating value is the average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

* Volume is less than 500,000 cubic feet.

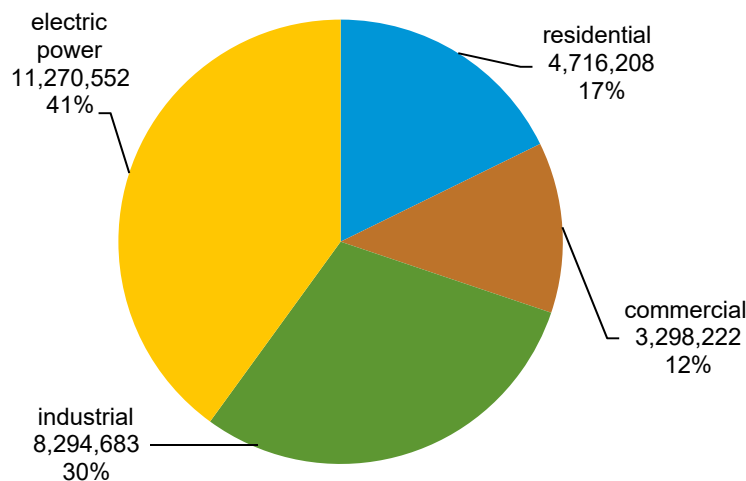
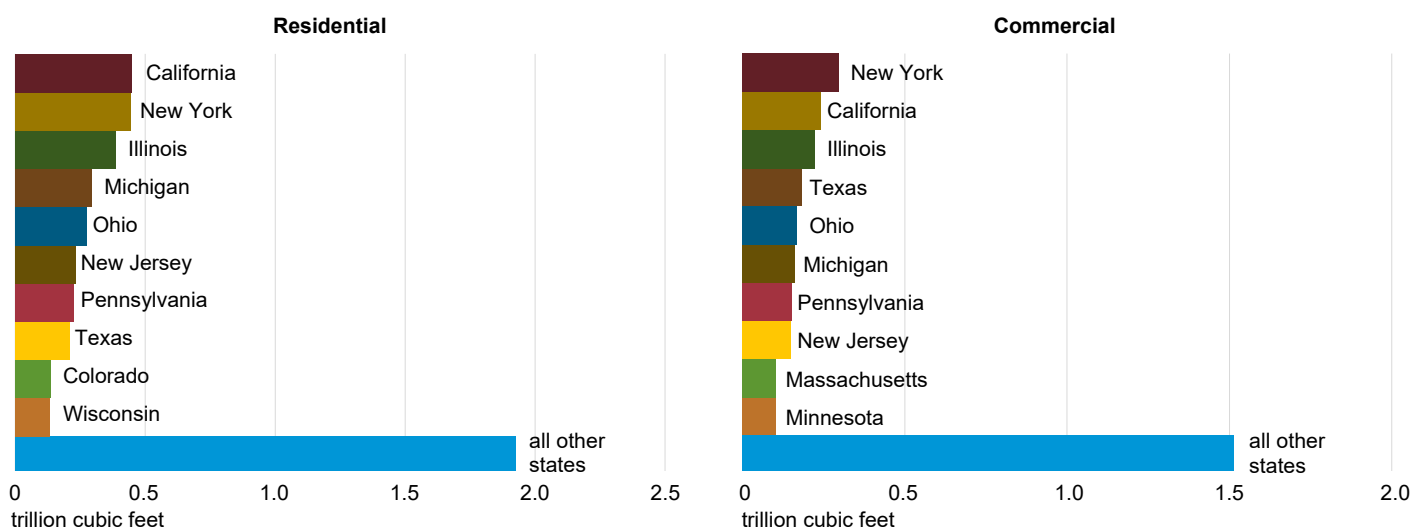
-- Not applicable.

^R Revised data.

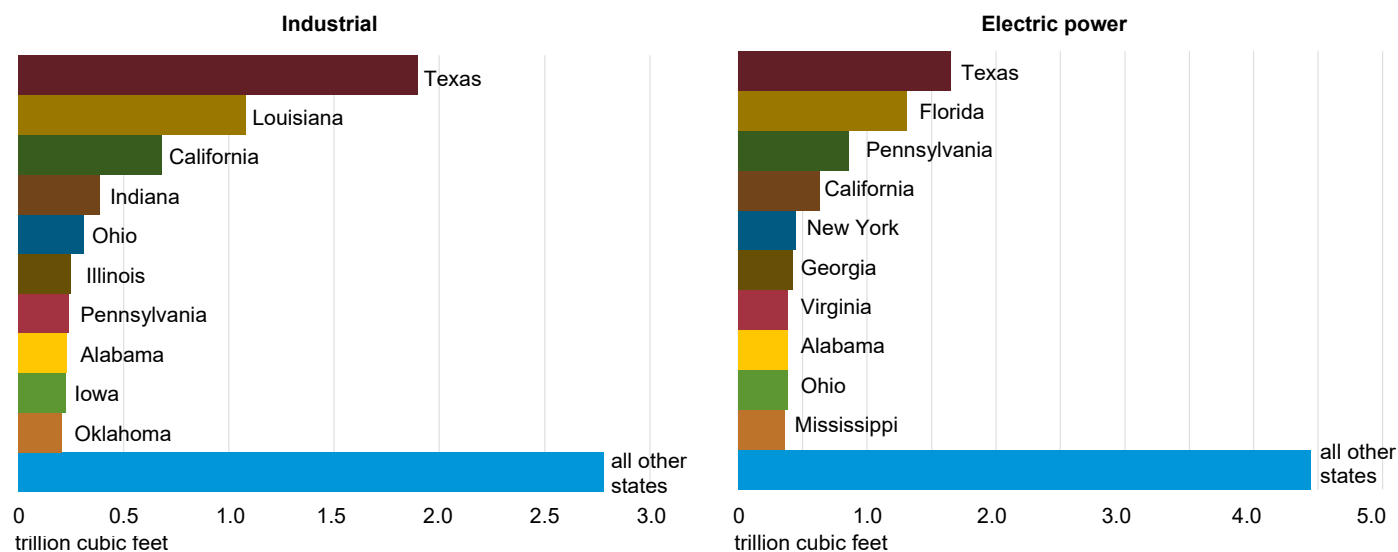
Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-886, *Annual Survey of Alternative Fueled Vehicles* (2017); Form EIA-923, *Power Plant Operations Report*; and EIA estimates based on historical data.

Note: Totals may not equal sum of components because of independent rounding and/or withheld data. Vehicle fuel estimates include volumes sent directly to fueling stations and end-users, as well as company fleets owned or fueled by natural gas distributors. In instances where industrial or commercial end-users fuel their own natural-gas-powered fleets, those volumes are categorized as industrial or commercial, respectively.

Figure 15. Natural gas delivered to consumers in the United States, 2021



volumes in trillion cubic feet



Source: U.S. Energy Information Administration (EIA), Form EIA-176, Annual Report of Natural and Supplemental Gas Supply and Disposition; Form EIA-923, Power Plant Operations Report; and EIA estimates based on historical data.
 Note: Vehicle fuel volume for 2021 was 54,479 million cubic feet.

Table 16. Natural gas delivered to residential consumers on behalf of other companies by state, 2017-2021
volumes in million cubic feet

| State or district | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | |
|----------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|
| | Delivered on behalf of others | Percentage of total deliveries | Delivered on behalf of others | Percentage of total deliveries | Delivered on behalf of others | Percentage of total deliveries | Delivered on behalf of others | Percentage of total deliveries | Delivered on behalf of others | Percentage of total deliveries |
| Alabama | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Alaska | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Arizona | 2 | < | 2 | < | 2 | < | 2 | < | 2 | < |
| Arkansas | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| California | 20,989 | 4.9 | 21,713 | 5.1 | 23,133 | 5.0 | 20,838 | 4.5 | 19,323 | 4.3 |
| Colorado | 3 | < | 3 | < | 3 | < | 3 | < | 3 | < |
| Connecticut | 1,858 | 3.8 | 1,988 | 3.7 | 1,947 | 3.7 | 1,829 | 3.8 | 1,846 | 3.7 |
| Delaware | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| District of Columbia | 3,106 | 26.1 | 3,200 | 24.4 | 2,953 | 24.5 | 2,933 | 26.1 | 2,942 | 25.5 |
| Florida | 1,295 | 8.7 | 1,419 | 8.3 | 1,447 | 8.7 | 1,372 | 7.9 | 1,514 | 7.8 |
| Georgia | 97,696 | 87.8 | 115,776 | 87.0 | 107,253 | 87.1 | 104,450 | 87.2 | 109,756 | 86.6 |
| Idaho | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Illinois | 49,744 | 13.2 | 57,561 | 13.1 | 54,632 | 12.5 | 46,604 | 11.8 | 41,899 | 10.8 |
| Indiana | 5,238 | 4.2 | 5,722 | 4.0 | 5,291 | 3.7 | 4,821 | 3.6 | 4,799 | 3.7 |
| Iowa | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Kansas | 8 | < | 9 | < | 8 | < | 7 | < | 8 | < |
| Kentucky | 1,267 | 2.9 | 1,412 | 2.7 | 1,222 | 2.5 | 1,087 | 2.4 | 1,083 | 2.3 |
| Louisiana | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Maine | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Maryland | 18,994 | 25.1 | 20,996 | 24.3 | 19,446 | 23.8 | 17,351 | 22.5 | 16,571 | 21.6 |
| Massachusetts | 2,096 | 1.7 | 3,089 | 2.4 | 3,121 | 2.3 | 2,454 | 2.0 | 1,973 | 1.6 |
| Michigan | 19,647 | 6.6 | 20,809 | 6.4 | 19,498 | 5.9 | 16,466 | 5.4 | 14,932 | 5.0 |
| Minnesota | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Mississippi | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Missouri | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Montana | 126 | 0.6 | 111 | 0.5 | 100 | 0.4 | 71 | 0.3 | 57 | 0.3 |
| Nebraska | 4,251 | 12.5 | 5,009 | 11.8 | 5,122 | 12.3 | 4,489 | 12.1 | 4,425 | 12.2 |
| Nevada | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| New Hampshire | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| New Jersey | 11,783 | 5.3 | 11,247 | 4.5 | 8,475 | 3.5 | 7,268 | 3.3 | 6,628 | 2.9 |
| New Mexico | 11 | < | 12 | < | 12 | < | 10 | < | 9 | < |
| New York | 115,744 | 26.8 | 125,815 | 25.9 | 115,546 | 24.4 | 104,769 | 24.0 | 100,557 | 22.6 |
| North Carolina | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| North Dakota | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Ohio | 212,814 | 82.3 | 250,584 | 83.2 | 242,340 | 83.5 | 227,632 | 83.7 | 228,008 | 83.6 |
| Oklahoma | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Oregon | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Pennsylvania | 26,868 | 12.3 | 32,688 | 12.9 | 32,487 | 13.7 | 30,905 | 14.0 | 28,716 | 12.7 |
| Rhode Island | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| South Carolina | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| South Dakota | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Tennessee | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Texas | 374 | 0.2 | 500 | 0.2 | 415 | 0.2 | 527 | 0.3 | 519 | 0.2 |
| Utah | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Virginia | 7,663 | 10.0 | 8,274 | 9.3 | 8,055 | 9.8 | 7,987 | 10.6 | 8,099 | 10.0 |
| Washington | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| West Virginia | 0 | < | 0 | < | 0 | < | 0 | < | 0 | < |
| Wisconsin | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Wyoming | 3,530 | 28.1 | 3,871 | 29.5 | 4,235 | 30.1 | 3,941 | 30.4 | 4,016 | 31.3 |
| Total | 605,105 | 13.7 | 691,808 | 13.8 | 656,745 | 13.1 | 607,816 | 13.0 | 597,685 | 12.7 |

-- Not applicable.

< Percentage is less than 0.05%.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Note: Totals may not equal sum of components because of independent rounding.

Table 17. Natural gas delivered to commercial consumers on behalf of other companies by state, 2017-2021
volumes in million cubic feet

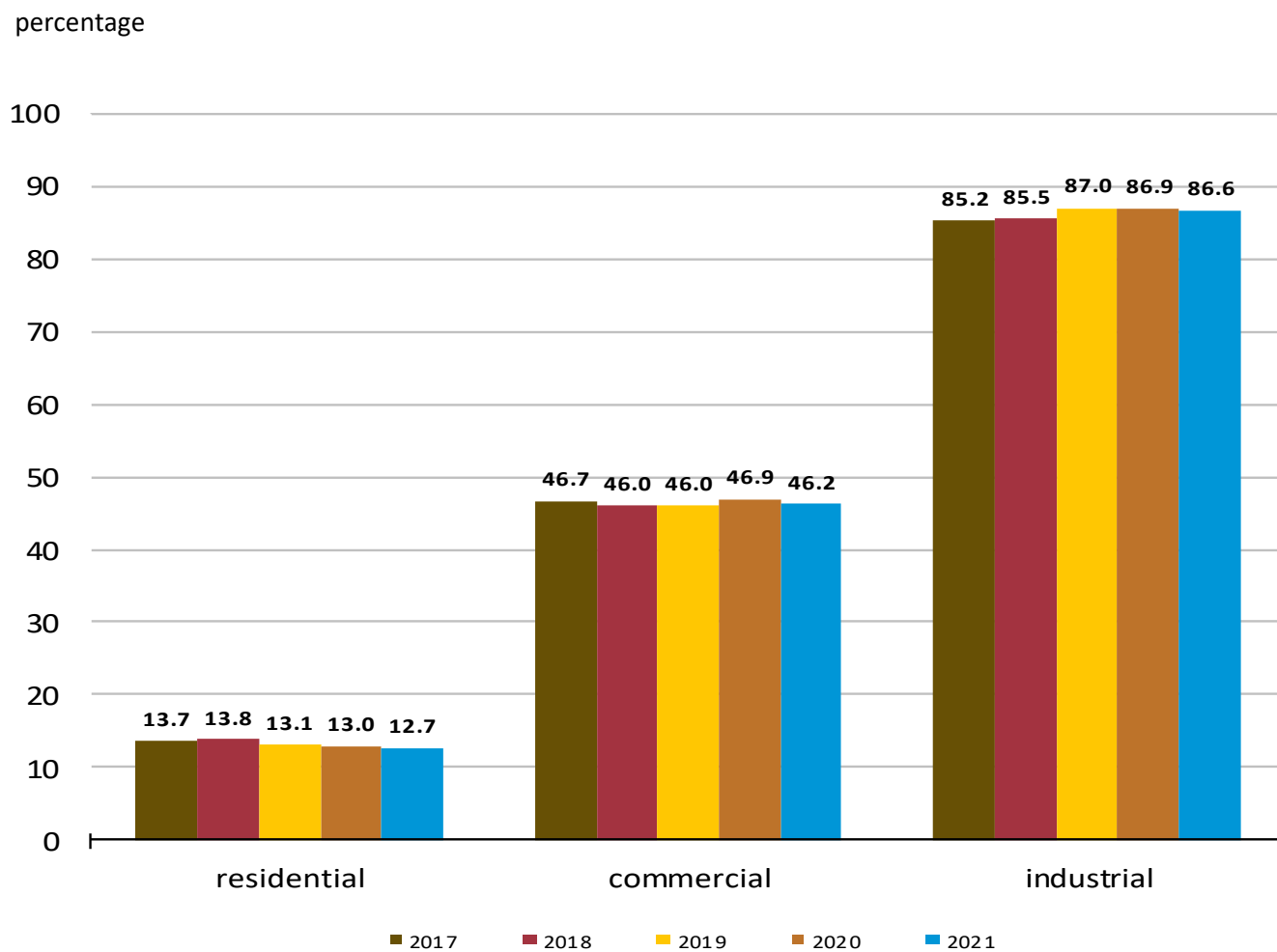
| State or district | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | |
|----------------------|--|--|--|--|--|--|--|--|--|--|
| | Delivered on behalf of other companies | Percent of total commercial deliveries | Delivered on behalf of other companies | Percent of total commercial deliveries | Delivered on behalf of other companies | Percent of total commercial deliveries | Delivered on behalf of other companies | Percent of total commercial deliveries | Delivered on behalf of other companies | Percent of total commercial deliveries |
| Alabama | 5,506 | 24.0 | 5,629 | 21.1 | 5,355 | 21.5 | 5,151 | 22.5 | 5,410 | 21.1 |
| Alaska | 245 | 1.6 | 210 | 1.5 | 234 | 1.6 | 56 | 0.3 | 52 | 0.3 |
| Arizona | 5,912 | 18.9 | 5,811 | 18.3 | 6,411 | 18.5 | 5,763 | 18.2 | 6,164 | 18.5 |
| Arkansas | 30,417 | 64.0 | 33,216 | 59.9 | 33,483 | 60.8 | 33,458 | 63.5 | 35,185 | 61.7 |
| California | 112,875 | 47.6 | 120,738 | 48.7 | 120,640 | 47.1 | 115,319 | 49.6 | 112,124 | 46.7 |
| Colorado | 3,169 | 6.0 | 3,301 | 5.9 | 3,616 | 5.9 | 3,273 | 5.7 | 3,415 | 5.8 |
| Connecticut | 12,266 | 23.4 | 13,714 | 23.6 | 12,925 | 22.4 | 12,477 | 23.8 | 12,780 | 23.1 |
| Delaware | 8,560 | 64.0 | 9,945 | 63.8 | 10,018 | 64.3 | 9,882 | 66.8 | 10,238 | 66.4 |
| District of Columbia | 12,819 | 79.9 | 13,014 | 78.3 | 12,779 | 79.3 | 12,296 | 81.6 | 11,731 | 79.5 |
| Florida | 42,665 | 69.6 | 44,676 | 70.0 | 44,886 | 70.8 | 40,638 | R70.9 | 43,889 | 70.0 |
| Georgia | 38,536 | 78.3 | 44,296 | 78.3 | 41,734 | 77.8 | 39,981 | R79.2 | 41,668 | 78.5 |
| Idaho | 4,573 | 23.1 | 4,541 | 23.8 | 4,891 | 23.3 | 4,659 | 23.3 | 4,790 | 23.5 |
| Illinois | 142,396 | 65.9 | 157,378 | 65.0 | 160,147 | 64.7 | 141,397 | 65.7 | 147,015 | 66.0 |
| Indiana | 25,565 | 33.9 | 28,803 | 33.4 | 29,706 | 33.7 | 28,577 | 35.1 | 28,311 | 32.0 |
| Iowa | 15,658 | 31.5 | 19,361 | 34.1 | 19,112 | 33.0 | 18,343 | 36.1 | 18,471 | 36.3 |
| Kansas | 17,595 | 50.8 | 19,017 | 47.2 | 19,801 | 47.9 | R20,526 | 51.5 | 21,050 | 51.3 |
| Kentucky | 7,215 | 22.0 | 7,983 | 20.7 | 7,954 | 21.3 | 7,421 | 21.9 | 7,576 | 21.1 |
| Louisiana | 6,096 | 21.5 | 9,907 | 28.4 | 8,113 | 24.6 | 8,369 | R28.1 | 9,199 | 28.2 |
| Maine | 3,630 | 40.7 | 3,616 | 37.7 | 3,641 | 36.7 | 3,327 | 37.2 | 3,323 | 36.8 |
| Maryland | 53,676 | 74.3 | 56,131 | 72.6 | 56,938 | 74.6 | 52,587 | 75.1 | 51,233 | 74.2 |
| Massachusetts | 58,992 | 53.9 | 64,541 | 54.3 | 74,893 | 61.6 | 69,977 | 63.8 | 63,382 | 61.4 |
| Michigan | 71,297 | 43.8 | 77,117 | 42.8 | 76,022 | 41.8 | 67,593 | 42.1 | 67,534 | 41.8 |
| Minnesota | 11,828 | 11.9 | 12,860 | 11.7 | 12,834 | 11.3 | 11,996 | 11.8 | 11,961 | 11.7 |
| Mississippi | 2,857 | 16.2 | 4,065 | 19.3 | 3,929 | 19.3 | 3,646 | 19.9 | 3,872 | 20.1 |
| Missouri | 16,401 | 28.3 | 17,964 | 25.9 | 17,921 | 26.4 | 17,093 | 28.3 | 17,504 | 28.0 |
| Montana | 11,764 | 50.3 | 13,918 | 52.9 | 14,593 | 52.5 | 13,770 | 53.8 | 12,992 | 52.7 |
| Nebraska | 13,022 | 44.9 | 15,469 | 43.8 | 15,726 | 44.4 | 14,122 | 44.7 | 14,158 | 44.5 |
| Nevada | 13,167 | 40.9 | 13,558 | 41.4 | 13,990 | 39.8 | 7,760 | 30.0 | 11,764 | 38.3 |
| New Hampshire | 4,174 | 46.0 | 4,416 | 43.6 | 4,290 | 42.3 | 3,636 | 40.2 | 3,787 | 40.6 |
| New Jersey | 85,366 | 57.3 | 98,428 | 58.8 | 85,199 | 54.8 | 78,850 | 57.1 | 85,617 | 57.0 |
| New Mexico | 10,878 | 46.0 | 11,383 | 43.9 | 12,022 | 40.5 | 10,343 | 40.7 | 11,571 | 42.9 |
| New York | 199,225 | 64.2 | 206,234 | 62.5 | 199,130 | 61.7 | 176,108 | 61.0 | 177,305 | 59.5 |
| North Carolina | 8,816 | 16.4 | 7,528 | 13.0 | 7,775 | 13.6 | 7,560 | 14.5 | 7,739 | 13.6 |
| North Dakota | 948 | 7.3 | 1,010 | 7.0 | 998 | 6.5 | 882 | 6.1 | 831 | 6.0 |
| Ohio | 144,934 | 92.3 | 164,488 | 91.9 | 163,372 | 92.1 | 148,281 | 91.5 | 154,678 | 91.3 |
| Oklahoma | 21,864 | 57.8 | 25,577 | 54.5 | 26,867 | 55.1 | 23,828 | 56.2 | 23,556 | 53.8 |
| Oregon | 1,733 | 5.5 | 1,643 | 5.7 | 1,617 | 5.0 | 1,394 | 4.9 | 1,328 | 4.5 |
| Pennsylvania | 91,295 | 62.6 | 103,872 | 62.9 | 102,840 | 63.6 | 97,599 | 65.9 | 99,284 | 64.3 |
| Rhode Island | 5,350 | 47.2 | 5,922 | 46.5 | 5,833 | 47.0 | 5,229 | 48.4 | 5,374 | 47.8 |
| South Carolina | 1,991 | 8.6 | 2,042 | 8.0 | 2,230 | 8.7 | 2,242 | 9.4 | 2,766 | 10.7 |
| South Dakota | 2,063 | 19.1 | 2,360 | 18.8 | 2,725 | 20.3 | 2,591 | 21.8 | 2,688 | 23.4 |
| Tennessee | 6,249 | 12.7 | 6,709 | 11.4 | 6,364 | 11.2 | 6,454 | 12.3 | 7,511 | 12.8 |
| Texas | 49,009 | 29.7 | 53,014 | 24.8 | 59,554 | 30.1 | 52,969 | 30.7 | 53,434 | 29.5 |
| Utah | 11,318 | 27.4 | 12,975 | 30.6 | 16,176 | 34.2 | 15,061 | 34.1 | 15,717 | 35.7 |
| Virginia | 33,181 | 48.7 | 35,411 | 47.7 | 34,770 | 48.8 | 33,645 | 49.8 | 33,871 | 47.5 |
| Washington | 8,143 | 13.6 | 8,246 | 14.5 | 8,338 | 13.7 | 7,606 | 13.7 | 7,653 | 13.3 |
| West Virginia | 10,807 | 48.2 | 11,213 | 44.7 | 11,059 | 46.9 | 10,114 | 47.1 | 10,677 | 47.1 |
| Wisconsin | 25,382 | 28.1 | 26,962 | 27.0 | 26,960 | 26.5 | 26,150 | 28.4 | 36,244 | 35.9 |
| Wyoming | 6,890 | 49.3 | 6,618 | 48.0 | 5,440 | 41.9 | 5,289 | 43.1 | 5,289 | 43.0 |
| Total | 1,478,318 | 46.7 | 1,616,830 | 46.0 | 1,615,853 | 46.0 | R1,485,290 | 46.9 | 1,523,712 | 46.2 |

^R Revised data.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Note: Totals may not equal sum of components because of independent rounding.

Figure 16. Percentage of natural gas deliveries in the United States representing deliveries on behalf of other companies, by consuming sector, 2017-2021



Source: U.S. Energy Information Administration (EIA), Form EIA -176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Note: These deliveries included quantities covered by long-term contracts and natural gas involved in short-term or spot market sales.

Table 18. Natural gas delivered to industrial consumers on behalf of other companies by state, 2017-2021
volumes in million cubic feet

| State or district | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | |
|-------------------|--|--|--|--|--|--|--|--|--|--|
| | Delivered on behalf of other companies | Percent of total industrial deliveries | Delivered on behalf of other companies | Percent of total industrial deliveries | Delivered on behalf of other companies | Percent of total industrial deliveries | Delivered on behalf of other companies | Percent of total industrial deliveries | Delivered on behalf of other companies | Percent of total industrial deliveries |
| Alabama | 145,136 | 73.8 | 166,128 | 75.8 | 166,132 | 76.5 | R159,976 | R76.5 | 176,381 | 75.8 |
| Alaska | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Arizona | 16,584 | 86.2 | 16,411 | 85.6 | 15,239 | 81.8 | 15,174 | 79.5 | 15,691 | 78.7 |
| Arkansas | 98,839 | 98.6 | 105,097 | 98.5 | 103,589 | 98.4 | 100,048 | 98.3 | 103,312 | 98.4 |
| California | 728,926 | 95.8 | 735,230 | 95.9 | 735,748 | 95.8 | R666,288 | R95.6 | 648,671 | 95.2 |
| Colorado | 78,838 | 92.8 | 82,120 | 92.6 | 84,137 | 91.8 | 76,987 | 91.5 | 78,822 | 90.9 |
| Connecticut | 12,174 | 49.6 | 11,833 | 48.2 | 11,975 | 48.8 | 12,069 | 52.4 | 11,622 | 51.5 |
| Delaware | 29,759 | 99.7 | 30,671 | 99.6 | 33,751 | 99.7 | 34,789 | 99.7 | 32,753 | 99.8 |
| Florida | 99,898 | 96.6 | 104,305 | 96.5 | 115,751 | 96.7 | 118,683 | R96.5 | 127,364 | 97.0 |
| Georgia | 111,600 | 74.3 | 118,633 | 74.9 | 116,678 | 74.8 | 117,998 | R77.0 | 126,452 | 78.1 |
| Idaho | 34,870 | 97.2 | 33,769 | 97.1 | 37,464 | 97.1 | 37,138 | 96.7 | 36,559 | 96.5 |
| Illinois | 243,385 | 94.0 | 245,701 | 93.7 | 250,109 | 93.2 | 240,724 | 92.7 | 235,281 | 93.1 |
| Indiana | 372,921 | 98.4 | 412,425 | 98.4 | 420,104 | 98.5 | 371,345 | 98.5 | 382,522 | 98.1 |
| Iowa | 234,060 | 97.0 | 249,255 | 97.4 | 241,289 | 96.6 | R228,432 | R97.2 | 221,226 | 97.1 |
| Kansas | 118,771 | 93.0 | 124,067 | 93.6 | 123,324 | 93.7 | R125,014 | 92.1 | 125,452 | 92.6 |
| Kentucky | 94,302 | 83.0 | 98,363 | 83.4 | 101,783 | 83.7 | 98,230 | 84.1 | 103,972 | 84.4 |
| Louisiana | 1,053,777 | 96.4 | 1,108,710 | 96.6 | 1,107,570 | 96.7 | 1,119,261 | 97.4 | 1,053,168 | 97.6 |
| Maine | 16,110 | 91.0 | 17,622 | 91.6 | 19,343 | 92.0 | 21,024 | 92.7 | 19,784 | 90.5 |
| Maryland | 15,120 | 96.0 | 15,568 | 95.9 | 17,698 | 96.5 | 16,284 | 95.4 | 17,955 | 95.9 |
| Massachusetts | 34,592 | 73.6 | 34,878 | 73.4 | 36,155 | 74.1 | 34,641 | 75.7 | 35,561 | 74.8 |
| Michigan | 158,795 | 93.3 | 163,385 | 92.7 | 161,329 | 92.9 | 143,700 | 93.2 | 147,985 | 93.3 |
| Minnesota | 137,599 | 82.9 | 132,303 | 81.9 | 132,189 | 81.4 | 113,067 | 80.4 | 124,084 | 81.4 |
| Mississippi | 116,945 | 91.1 | 123,012 | 91.2 | 121,026 | 91.2 | 119,909 | 91.4 | 121,868 | 91.8 |
| Missouri | 55,511 | 87.9 | 57,552 | 86.2 | 57,284 | 87.5 | 56,189 | 88.3 | 56,505 | 87.8 |
| Montana | 23,059 | 98.6 | 24,882 | 98.6 | 23,306 | 98.4 | 24,283 | 98.7 | 24,517 | 98.7 |
| Nebraska | 84,101 | 93.9 | 84,809 | 94.7 | 84,746 | 94.5 | R89,902 | 94.8 | 91,319 | 94.8 |
| Nevada | 16,484 | 85.5 | 17,298 | 85.8 | 17,669 | 85.4 | 16,420 | 85.2 | 14,485 | 82.5 |
| New Hampshire | 9,032 | 95.1 | 9,116 | 91.9 | 9,115 | 92.7 | 8,675 | 93.4 | 8,349 | 91.9 |
| New Jersey | 50,730 | 93.4 | 60,291 | 94.0 | 60,833 | 93.5 | 55,104 | 93.9 | 56,470 | 93.8 |
| New Mexico | 14,387 | 93.4 | 17,675 | 94.2 | 16,760 | 91.3 | 15,575 | 86.5 | 14,574 | 85.3 |
| New York | 78,048 | 94.2 | 86,152 | 94.2 | 85,107 | 94.2 | 81,783 | 94.7 | 85,055 | 94.8 |
| North Carolina | 95,736 | 89.2 | 103,557 | 88.7 | 104,661 | 87.9 | 101,674 | 88.1 | 107,361 | 87.8 |
| North Dakota | 20,875 | 65.0 | 21,694 | 61.9 | 22,265 | 61.7 | 24,105 | 62.6 | 24,759 | 64.4 |
| Ohio | 275,306 | 99.1 | 306,441 | 99.1 | 295,349 | 99.1 | 279,566 | 99.1 | 307,183 | 99.1 |
| Oklahoma | 185,702 | 93.0 | 191,468 | 92.1 | 195,567 | 92.6 | 203,802 | 92.8 | 194,385 | 93.8 |
| Oregon | 48,866 | 84.5 | 45,811 | 84.4 | 48,254 | 84.6 | R47,647 | R84.0 | 48,217 | 83.0 |
| Pennsylvania | 217,028 | 99.1 | 229,238 | 98.9 | 246,764 | 99.1 | 213,428 | 99.0 | 238,449 | 99.0 |
| Rhode Island | 8,236 | 96.3 | 8,446 | 95.8 | 8,441 | 95.7 | 8,057 | 96.4 | 8,139 | 96.2 |
| South Carolina | 54,610 | 59.2 | 57,526 | 59.6 | 60,022 | 61.5 | 59,993 | 63.1 | 63,178 | 63.3 |
| South Dakota | 43,635 | 95.6 | 44,772 | 95.3 | 43,629 | 94.8 | 43,731 | 95.9 | 47,031 | 96.5 |
| Tennessee | 102,218 | 76.0 | 112,531 | 76.6 | 114,757 | 77.6 | 113,993 | 78.2 | 117,674 | 76.6 |
| Texas | 1,012,862 | 60.3 | 1,151,111 | 62.6 | 1,242,542 | 69.1 | 1,247,385 | 68.8 | 1,304,943 | 68.9 |
| Utah | 38,367 | 95.9 | 38,671 | 96.8 | 40,301 | 97.5 | 39,213 | 97.7 | 38,772 | 97.5 |
| Vermont | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- |
| Virginia | 84,911 | 90.2 | 86,829 | 89.7 | 89,818 | 89.3 | 90,360 | 86.7 | 96,551 | 85.9 |
| Washington | 75,459 | 93.6 | 72,390 | 93.6 | 73,539 | 93.7 | 73,274 | 93.8 | 75,669 | 93.8 |
| West Virginia | 36,911 | 96.2 | 35,971 | 96.2 | 35,302 | 96.5 | 33,850 | 96.9 | 36,896 | 97.1 |
| Wisconsin | 129,870 | 83.8 | 135,541 | 82.3 | 135,807 | 83.5 | 129,214 | 84.1 | 124,778 | 84.1 |
| Wyoming | 53,587 | 98.3 | 65,325 | 98.6 | 61,043 | 98.8 | 59,820 | 99.1 | 48,202 | 99.0 |
| Total | 6,768,533 | 85.2 | 7,194,582 | 85.5 | 7,325,264 | 87.0 | R7,087,827 | R86.9 | 7,179,946 | 86.6 |

-- Not applicable.

^R Revised data.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Note: Totals may not equal sum of components because of independent rounding.

Table 19. Number of natural gas residential consumers by type of service and state, 2020-2021

| State or district | 2020 | | | 2021 | | |
|----------------------|--------------------|---------------------------------|--------------------|-------------------|---------------------------------|-------------------|
| | Onsystem sales | Transported for other companies | Total | Onsystem sales | Transported for other companies | Total |
| Alabama | 777,368 | 0 | 777,368 | 787,783 | 0 | 787,783 |
| Alaska | 136,814 | 0 | 136,814 | 138,362 | 0 | 138,362 |
| Arizona | 1,306,006 | 2 | 1,306,008 | 1,330,136 | 2 | 1,330,138 |
| Arkansas | 564,639 | 0 | 564,639 | 567,968 | 0 | 567,968 |
| California | 10,748,017 | 438,333 | 11,186,350 | 10,823,945 | 408,607 | 11,232,552 |
| Colorado | 1,840,037 | 1 | 1,840,038 | 1,867,049 | 1 | 1,867,050 |
| Connecticut | 575,677 | 1,294 | 576,971 | 582,686 | 1,316 | 584,002 |
| Delaware | 185,217 | 0 | 185,217 | 190,281 | 0 | 190,281 |
| District of Columbia | 138,405 | 16,889 | 155,294 | 137,743 | 17,348 | 155,091 |
| Florida | 795,038 | 19,826 | 814,864 | 819,867 | 20,285 | 840,152 |
| Georgia | R329,322 | 1,534,787 | R1,864,109 | 333,419 | 1,548,517 | 1,881,936 |
| Hawaii | 28,991 | 0 | 28,991 | 29,059 | 0 | 29,059 |
| Idaho | 428,374 | 0 | 428,374 | 441,607 | 0 | 441,607 |
| Illinois | 3,685,778 | 272,392 | 3,958,170 | 3,734,902 | 238,146 | 3,973,048 |
| Indiana | 1,731,448 | 64,754 | 1,796,202 | 1,751,318 | 61,563 | 1,812,881 |
| Iowa | R944,890 | 0 | R944,890 | 951,735 | 0 | 951,735 |
| Kansas | 880,897 | 45 | 880,942 | 884,382 | 45 | 884,427 |
| Kentucky | 767,457 | 16,723 | 784,180 | 772,631 | 14,271 | 786,902 |
| Louisiana | R903,088 | 0 | R903,088 | 927,647 | 0 | 927,647 |
| Maine | 37,653 | 0 | 37,653 | 38,421 | 0 | 38,421 |
| Maryland | 975,619 | 209,766 | 1,185,385 | 982,471 | 205,821 | 1,188,292 |
| Massachusetts | 1,836,086 | 29,800 | 1,865,886 | 1,558,450 | 23,496 | 1,581,946 |
| Michigan | 3,196,619 | 157,335 | 3,353,954 | 3,230,737 | 149,218 | 3,379,955 |
| Minnesota | 1,582,365 | 0 | 1,582,365 | 1,602,690 | 0 | 1,602,690 |
| Mississippi | 463,705 | 0 | 463,705 | 429,652 | 0 | 429,652 |
| Missouri | 1,437,585 | 0 | 1,437,585 | 1,444,001 | 0 | 1,444,001 |
| Montana | 283,469 | 904 | 284,373 | 286,587 | 793 | 287,380 |
| Nebraska | 474,703 | 68,003 | 542,706 | 484,969 | 68,359 | 553,328 |
| Nevada | 906,016 | 0 | 906,016 | 922,888 | 0 | 922,888 |
| New Hampshire | 112,022 | 0 | 112,022 | 113,574 | 0 | 113,574 |
| New Jersey | 2,772,476 | 98,650 | 2,871,126 | 2,815,415 | 88,606 | 2,904,021 |
| New Mexico | 605,632 | 102 | 605,734 | 609,078 | 108 | 609,186 |
| New York | 4,080,590 | 466,907 | 4,547,497 | 4,183,615 | 375,723 | 4,559,338 |
| North Carolina | 1,331,848 | 0 | 1,331,848 | 1,367,653 | 0 | 1,367,653 |
| North Dakota | 149,828 | 0 | 149,828 | 152,032 | 0 | 152,032 |
| Ohio | 578,441 | 2,830,874 | 3,409,315 | 601,317 | 2,826,536 | 3,427,853 |
| Oklahoma | R961,515 | 0 | R961,515 | 967,703 | 0 | 967,703 |
| Oregon | 776,811 | 0 | 776,811 | 788,177 | 0 | 788,177 |
| Pennsylvania | 2,471,893 | 373,304 | 2,845,197 | 2,524,160 | 340,747 | 2,864,907 |
| Rhode Island | 247,399 | 0 | 247,399 | 247,368 | 0 | 247,368 |
| South Carolina | 734,890 | 0 | 734,890 | 758,356 | 0 | 758,356 |
| South Dakota | 197,769 | 0 | 197,769 | 201,101 | 0 | 201,101 |
| Tennessee | 1,194,358 | 0 | 1,194,358 | 1,212,909 | 0 | 1,212,909 |
| Texas | R4,895,799 | 295 | R4,896,094 | 5,010,190 | 496 | 5,010,686 |
| Utah | 1,002,463 | 0 | 1,002,463 | 1,029,304 | 0 | 1,029,304 |
| Vermont | 47,739 | 0 | 47,739 | 48,229 | 0 | 48,229 |
| Virginia | 1,185,890 | 81,321 | 1,267,211 | 1,196,263 | 83,764 | 1,280,027 |
| Washington | 1,232,852 | 0 | 1,232,852 | 1,251,963 | 0 | 1,251,963 |
| West Virginia | 336,321 | 1 | 336,322 | 336,295 | 1 | 336,296 |
| Wisconsin | 1,811,337 | 0 | 1,811,337 | 1,823,385 | 0 | 1,823,385 |
| Wyoming | 116,165 | 53,073 | 169,238 | 115,946 | 54,887 | 170,833 |
| Total | R64,805,321 | 6,735,381 | R71,540,702 | 65,407,419 | 6,528,656 | 71,936,075 |

R Revised data.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Some of the residential and commercial consumers reported for 2016 through 2020 may have been double counted. Please see [Appendix A](#) for more information.

Table 20. Number of natural gas commercial consumers by type of service and state, 2020-2021

| State or district | 2020 | | | 2021 | | |
|----------------------|-------------------|---------------------------------|-------------------|------------------|---------------------------------|------------------|
| | Onsystem sales | Transported for other companies | Total | Onsystem sales | Transported for other companies | Total |
| Alabama | 69,430 | 129 | 69,559 | 69,485 | 125 | 69,610 |
| Alaska | 14,049 | 19 | 14,068 | 14,165 | 12 | 14,177 |
| Arizona | 57,838 | 388 | 58,226 | 58,361 | 388 | 58,749 |
| Arkansas | 68,729 | 917 | 69,646 | 68,877 | 915 | 69,792 |
| California | 402,665 | 44,455 | 447,120 | 403,904 | 40,856 | 444,760 |
| Colorado | 152,360 | R333 | R152,693 | 153,108 | 327 | 153,435 |
| Connecticut | 59,022 | 3,156 | 62,178 | 60,191 | 2,943 | 63,134 |
| Delaware | 13,936 | 484 | 14,420 | 13,951 | 486 | 14,437 |
| District of Columbia | 6,891 | 3,061 | 9,952 | 6,974 | 2,939 | 9,913 |
| Florida | 39,383 | 32,342 | 71,725 | 39,616 | 32,574 | 72,190 |
| Georgia | R32,614 | 93,084 | R125,698 | 32,907 | 93,744 | 126,651 |
| Hawaii | 2,957 | 0 | 2,957 | 2,936 | 0 | 2,936 |
| Idaho | 43,653 | 121 | 43,774 | 44,370 | 121 | 44,491 |
| Illinois | 234,519 | 64,892 | 299,411 | 237,179 | 61,299 | 298,478 |
| Indiana | 146,476 | 17,859 | 164,335 | 148,500 | 16,911 | 165,411 |
| Iowa | 98,870 | 3,276 | 102,146 | 99,208 | 3,416 | 102,624 |
| Kansas | 79,071 | 7,181 | 86,252 | 79,442 | 7,131 | 86,573 |
| Kentucky | 84,378 | 3,230 | 87,608 | 84,776 | 2,884 | 87,660 |
| Louisiana | R58,126 | 209 | R58,335 | 59,667 | 220 | 59,887 |
| Maine | 11,959 | 1,399 | 13,358 | 12,088 | 1,454 | 13,542 |
| Maryland | 54,374 | 24,973 | 79,347 | 54,568 | 24,210 | 78,778 |
| Massachusetts | 149,976 | 26,189 | 176,165 | 123,973 | 21,954 | 145,927 |
| Michigan | 253,871 | 25,130 | 279,001 | 238,926 | 23,886 | 262,812 |
| Minnesota | 142,331 | 574 | 142,905 | 143,471 | 596 | 144,067 |
| Mississippi | 49,057 | 98 | 49,155 | 46,669 | 104 | 46,773 |
| Missouri | 113,992 | 1,275 | 115,267 | 114,506 | 1,272 | 115,778 |
| Montana | 37,128 | 1,118 | 38,246 | 37,829 | 1,058 | 38,887 |
| Nebraska | 43,117 | 15,606 | 58,723 | 44,483 | 17,146 | 61,629 |
| Nevada | 45,758 | 353 | 46,111 | 46,191 | 324 | 46,515 |
| New Hampshire | 16,140 | 3,345 | 19,485 | 16,359 | 3,271 | 19,630 |
| New Jersey | 201,242 | 46,494 | 247,736 | 204,641 | 44,584 | 249,225 |
| New Mexico | 47,972 | 3,683 | 51,655 | 47,576 | 3,645 | 51,221 |
| New York | 307,969 | 107,910 | 415,879 | 323,525 | 100,799 | 424,324 |
| North Carolina | 128,540 | 106 | 128,646 | 129,420 | 98 | 129,518 |
| North Dakota | 23,632 | 53 | 23,685 | 24,151 | 54 | 24,205 |
| Ohio | 30,909 | 240,429 | 271,338 | 36,753 | 236,594 | 273,347 |
| Oklahoma | R92,676 | 4,594 | R97,270 | 93,021 | 4,529 | 97,550 |
| Oregon | 84,192 | 102 | 84,294 | 83,628 | 97 | 83,725 |
| Pennsylvania | R178,703 | 72,104 | R250,807 | 181,813 | 69,431 | 251,244 |
| Rhode Island | 21,794 | 3,110 | 24,904 | 21,768 | 3,069 | 24,837 |
| South Carolina | 60,639 | 105 | 60,744 | 61,172 | 113 | 61,285 |
| South Dakota | 25,362 | 484 | 25,846 | 25,838 | 521 | 26,359 |
| Tennessee | R136,986 | 85 | R137,071 | 138,099 | 85 | 138,184 |
| Texas | R327,436 | 4,679 | R332,115 | 331,656 | 4,879 | 336,535 |
| Utah | 70,257 | 765 | 71,022 | 71,164 | 805 | 71,969 |
| Vermont | 6,103 | 0 | 6,103 | 6,178 | 0 | 6,178 |
| Virginia | 92,432 | 10,840 | 103,272 | 93,411 | 10,677 | 104,088 |
| Washington | 107,013 | 143 | 107,156 | 107,699 | 141 | 107,840 |
| West Virginia | 34,460 | 756 | 35,216 | 34,545 | 749 | 35,294 |
| Wisconsin | 172,046 | 1,380 | 173,426 | 172,352 | 1,442 | 173,794 |
| Wyoming | 14,381 | 7,309 | 21,690 | 14,271 | 7,487 | 21,758 |
| Total | R4,747,414 | R880,327 | R5,627,741 | 4,759,361 | 852,365 | 5,611,726 |

R Revised data.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Some of the residential and commercial consumers reported for 2016 through 2020 may have been double counted. Please see [Appendix A](#) for more information.

Table 21. Number of natural gas industrial consumers by type of service and state, 2020-2021

| State or district | 2020 | | | 2021 | | |
|-------------------|-----------------|---------------------------------|-----------------|----------------|---------------------------------|----------------|
| | Onsystem sales | Transported for other companies | Total | Onsystem Sales | Transported for other companies | Total |
| Alabama | 3,264 | R269 | R3,533 | 3,248 | 274 | 3,522 |
| Alaska | 7 | 0 | 7 | 7 | 0 | 7 |
| Arizona | 222 | 152 | 374 | 224 | 157 | 381 |
| Arkansas | 467 | 481 | 948 | 442 | 483 | 925 |
| California | R30,985 | R4,532 | R35,517 | 31,235 | 4,263 | 35,498 |
| Colorado | 1,234 | 8,519 | 9,753 | 1,297 | 8,489 | 9,786 |
| Connecticut | 2,822 | 289 | 3,111 | 2,689 | 275 | 2,964 |
| Delaware | 40 | 97 | 137 | 39 | 91 | 130 |
| Florida | R164 | 351 | R515 | 155 | 341 | 496 |
| Georgia | R1,205 | 1,558 | R2,763 | 1,198 | 1,574 | 2,772 |
| Hawaii | 6 | 0 | 6 | 5 | 0 | 5 |
| Idaho | 159 | 224 | 383 | 148 | 230 | 378 |
| Illinois | 15,123 | R7,893 | R23,016 | 15,389 | 7,574 | 22,963 |
| Indiana | 2,420 | 2,273 | 4,693 | 2,464 | 2,220 | 4,684 |
| Iowa | R1,117 | R480 | R1,597 | 1,126 | 478 | 1,604 |
| Kansas | 3,493 | 4,041 | 7,534 | 3,507 | 4,002 | 7,509 |
| Kentucky | 1,519 | 620 | 2,139 | 1,499 | 607 | 2,106 |
| Louisiana | R627 | 349 | R976 | 581 | 346 | 927 |
| Maine | 60 | 96 | 156 | 63 | 94 | 157 |
| Maryland | 682 | 494 | 1,176 | 681 | 457 | 1,138 |
| Massachusetts | 7,202 | 5,038 | 12,240 | 6,897 | 4,192 | 11,089 |
| Michigan | 5,256 | 1,333 | 6,589 | 5,040 | 1,352 | 6,392 |
| Minnesota | 1,798 | 394 | 2,192 | 1,619 | 418 | 2,037 |
| Mississippi | R749 | 154 | R903 | 696 | 155 | 851 |
| Missouri | 2,331 | 762 | 3,093 | 2,290 | 752 | 3,042 |
| Montana | 254 | 83 | 337 | 253 | 85 | 338 |
| Nebraska | 455 | R5,071 | R5,526 | 463 | 5,044 | 5,507 |
| Nevada | 193 | 31 | 224 | 196 | 30 | 226 |
| New Hampshire | 50 | 145 | 195 | 57 | 141 | 198 |
| New Jersey | 5,399 | 1,414 | 6,813 | 5,391 | 1,305 | 6,696 |
| New Mexico | 49 | 49 | 98 | 493 | 47 | 540 |
| New York | 4,475 | 2,188 | 6,663 | 3,920 | 2,124 | 6,044 |
| North Carolina | 1,805 | 886 | 2,691 | 1,797 | 875 | 2,672 |
| North Dakota | 192 | 74 | 266 | 193 | 78 | 271 |
| Ohio | 900 | 4,595 | 5,495 | 982 | 4,506 | 5,488 |
| Oklahoma | 1,448 | 1,780 | 3,228 | 1,333 | 1,797 | 3,130 |
| Oregon | 923 | R273 | R1,196 | 928 | 269 | 1,197 |
| Pennsylvania | 1,574 | 2,947 | 4,521 | 1,610 | 2,872 | 4,482 |
| Rhode Island | 56 | 226 | 282 | 59 | 214 | 273 |
| South Carolina | 1,189 | 247 | 1,436 | 1,188 | 241 | 1,429 |
| South Dakota | 436 | 149 | 585 | 395 | 153 | 548 |
| Tennessee | 2,182 | 389 | 2,571 | 2,164 | 386 | 2,550 |
| Texas | 4,265 | 1,761 | 6,026 | 4,242 | 1,893 | 6,135 |
| Utah | 64 | 305 | 369 | 63 | 312 | 375 |
| Vermont | 14 | 0 | 14 | 14 | 0 | 14 |
| Virginia | 707 | 282 | 989 | 711 | 278 | 989 |
| Washington | 2,983 | 354 | 3,337 | 2,948 | 358 | 3,306 |
| West Virginia | 26 | 65 | 91 | 26 | 65 | 91 |
| Wisconsin | 5,713 | 2,359 | 8,072 | 5,591 | 2,491 | 8,082 |
| Wyoming | 27 | 55 | 82 | 25 | 50 | 75 |
| Total | R118,331 | R66,127 | R184,458 | 117,581 | 64,438 | 182,019 |

R Revised data.

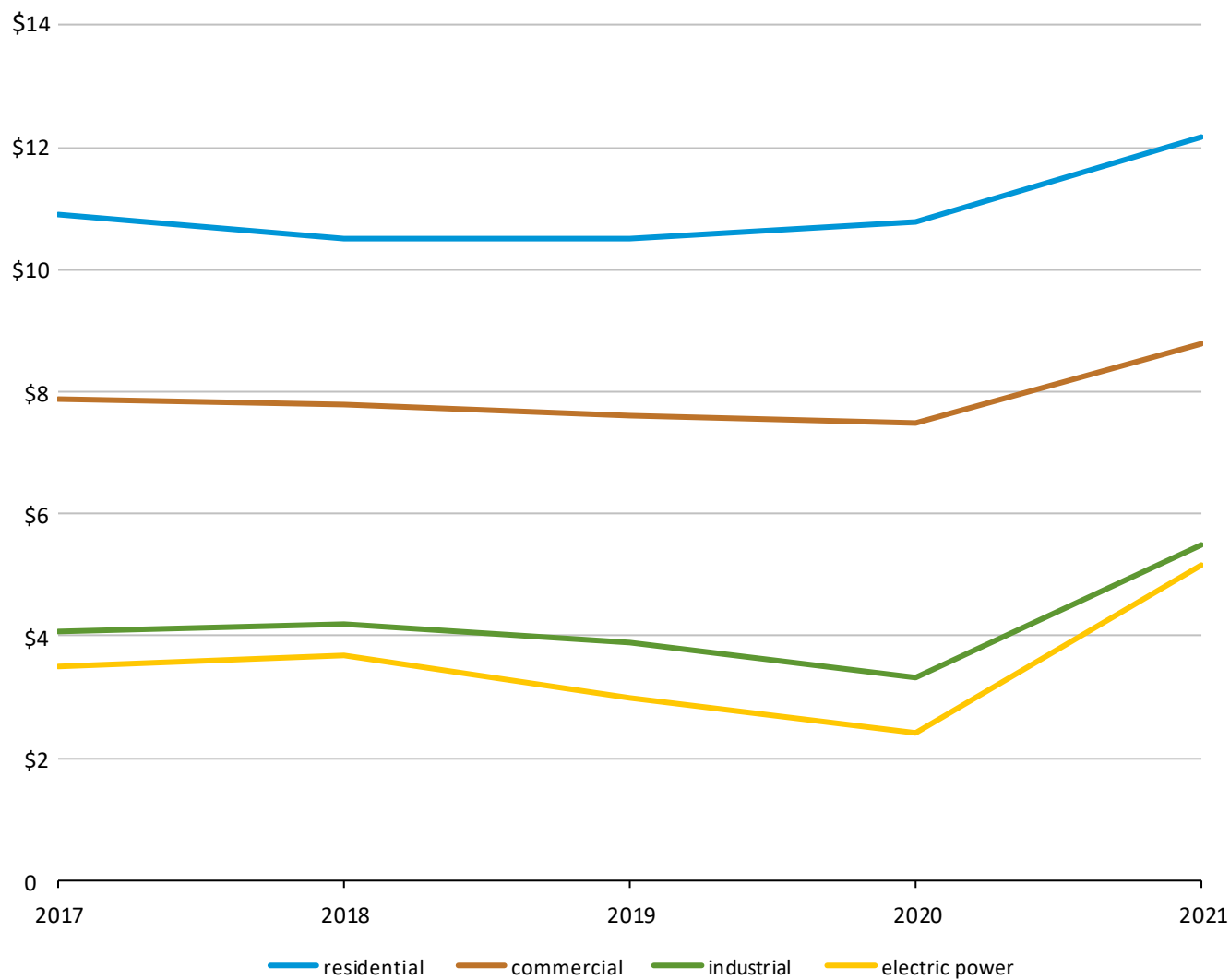
Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Some of the residential and commercial consumers reported for 2016 through 2020 may have been double counted. Please see [Appendix A](#) for more information.

Natural gas consumer prices

Figure 17. Average price of natural gas delivered to consumers in the United States, 2017-2021

dollars per thousand cubic feet

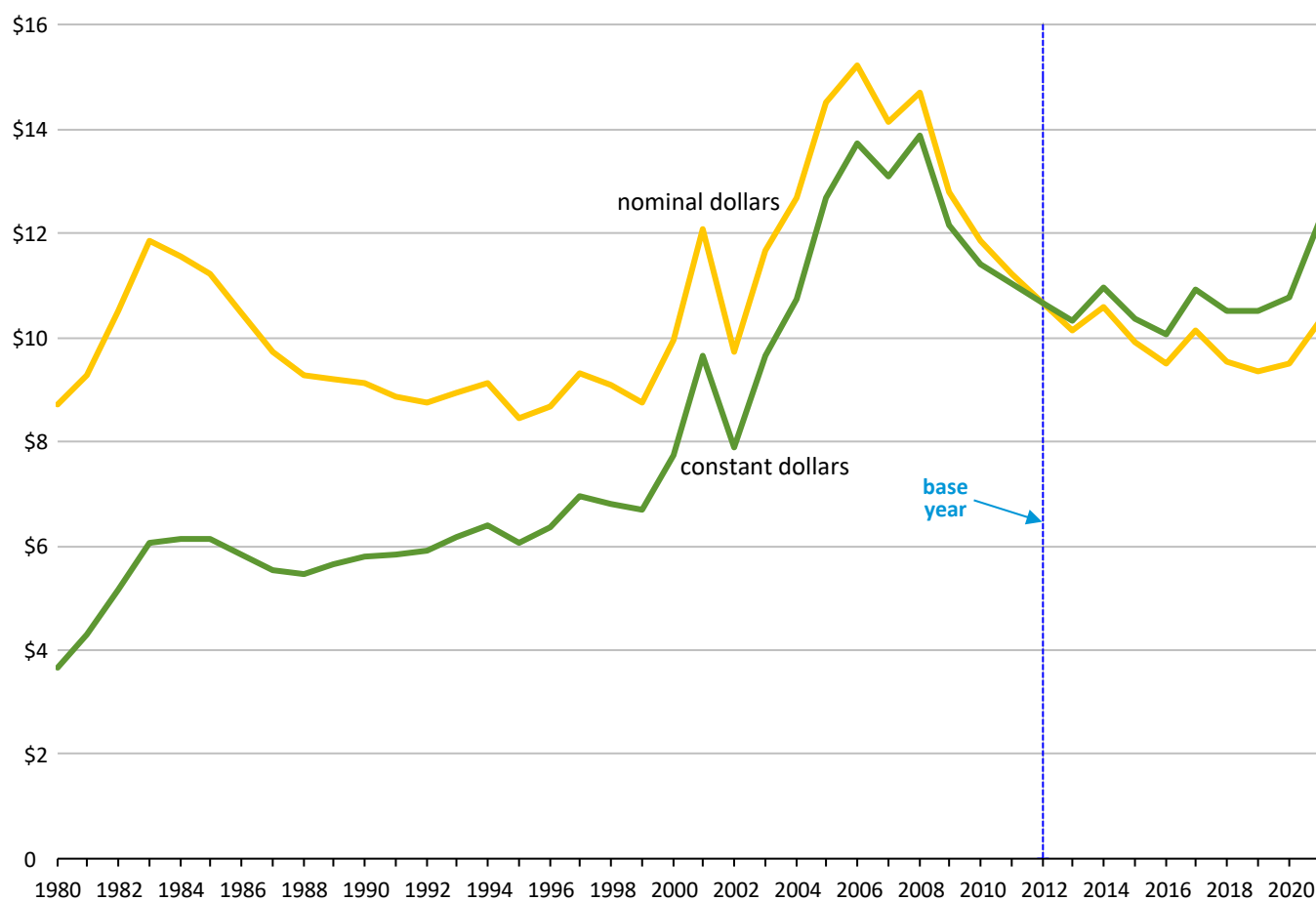


Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-923, *Power Plant Operations Report*; and Form EIA-910, *Monthly Natural Gas Marketer Survey*.

Note: Coverage for prices varies by consumer sector (Appendix A). Prices are in nominal dollars.

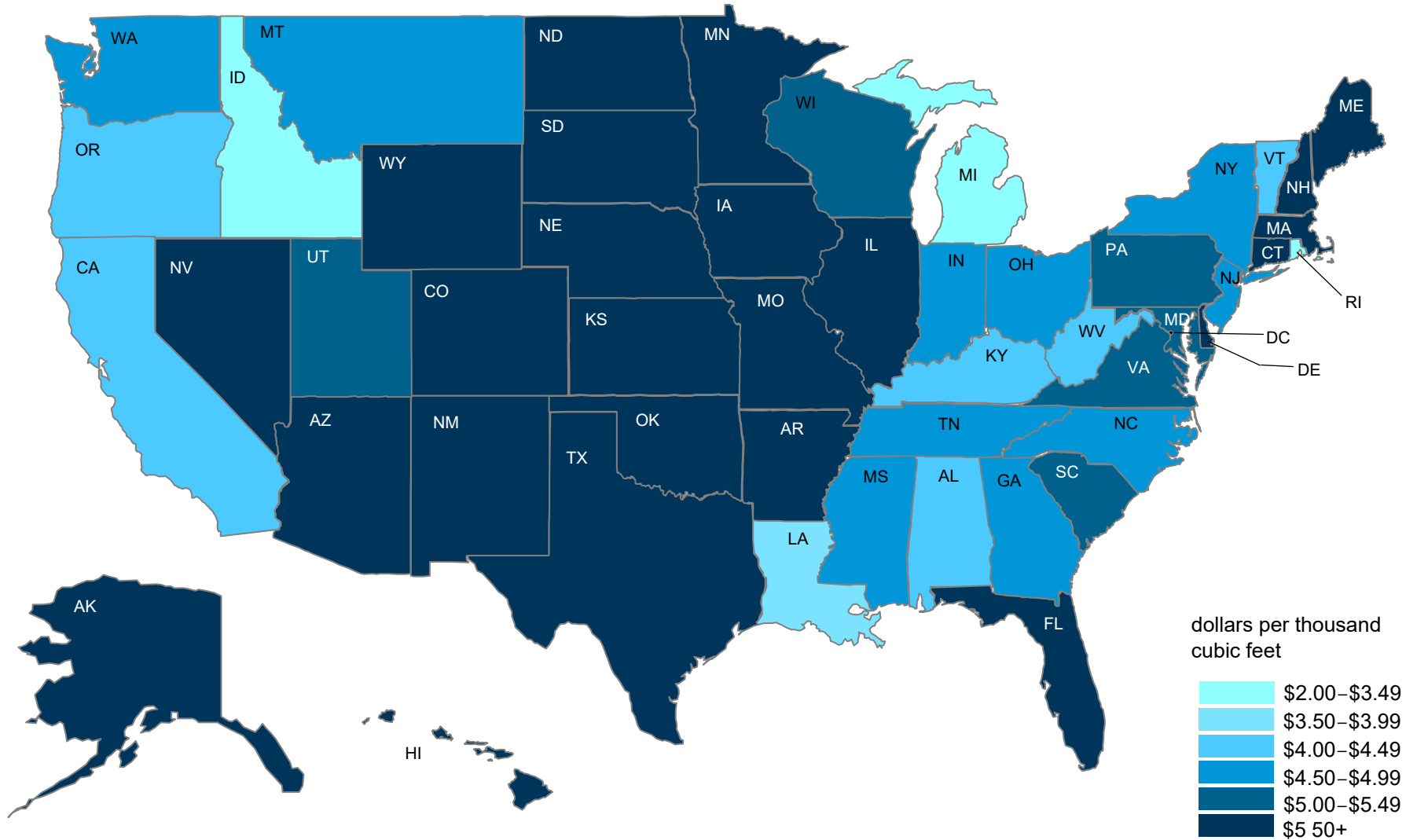
Figure 18. Average price of natural gas delivered to residential consumers, 1980-2021

dollars per thousand cubic feet



Source: Nominal dollars: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*, and Form EIA-910, *Monthly Natural Gas Marketer Survey*. Constant dollars: We converted prices to 2012 dollars using the chain-type price indexes for gross domestic product (2012 = 1.0) as published by the U.S. Department of Commerce, Bureau of Economic Analysis.

Figure 19. Average citygate price of natural gas in the United States, 2021
dollars per thousand cubic feet



Source: U.S. Energy Information Administration (EIA), Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.
Note: Prices are in nominal dollars. Citygate price is not applicable in the District of Columbia.

Table 22. Average citygate price of natural gas in the United States, 2017- 2021

dollars per thousand cubic feet

| State | Average price | | | | |
|-------------------|---------------|-------------|-------------|-------------|-------------|
| | 2017 | 2018 | 2019 | 2020 | 2021 |
| Alabama | 3.80 | 3.87 | 3.56 | 2.98 | 4.16 |
| Alaska | 7.03 | 7.33 | 8.27 | 8.25 | 7.94 |
| Arizona | 4.36 | 3.47 | 2.62 | 2.56 | 7.10 |
| Arkansas | 4.70 | 4.42 | 4.04 | 3.60 | 8.05 |
| California | 3.45 | 3.29 | 3.10 | 3.02 | 4.29 |
| Colorado | 3.90 | 3.63 | 3.38 | 2.74 | 6.81 |
| Connecticut | 4.44 | 5.55 | 5.36 | 4.93 | 6.09 |
| Delaware | 5.60 | 5.59 | 5.71 | 5.38 | 5.98 |
| Florida | 5.77 | 6.88 | 7.22 | 7.09 | 7.52 |
| Georgia | 4.15 | 4.02 | 3.78 | 3.26 | 4.69 |
| Hawaii | 16.62 | 19.63 | 17.75 | 12.20 | 21.46 |
| Idaho | 2.90 | 2.44 | 2.46 | 2.37 | 2.66 |
| Illinois | 3.76 | 3.69 | 3.18 | 2.87 | 6.56 |
| Indiana | 3.85 | 3.87 | 3.43 | 2.99 | 4.59 |
| Iowa | 4.30 | 4.11 | 3.47 | 3.37 | 7.97 |
| Kansas | 4.51 | 4.21 | 3.68 | 3.42 | 11.27 |
| Kentucky | 3.92 | 3.92 | 3.37 | 2.81 | 4.09 |
| Louisiana | 4.02 | 4.00 | 3.59 | 2.75 | 3.95 |
| Maine | 6.50 | 8.00 | 6.51 | 5.59 | 6.82 |
| Maryland | 4.73 | 5.03 | 4.82 | 4.22 | 5.45 |
| Massachusetts | 5.28 | 6.37 | 5.53 | 5.39 | 6.65 |
| Michigan | 3.57 | 3.48 | 3.17 | 2.78 | 3.49 |
| Minnesota | 4.24 | 4.03 | 3.82 | 3.68 | 8.12 |
| Mississippi | 4.39 | 4.21 | 3.77 | 3.34 | 4.72 |
| Missouri | 4.63 | 4.40 | 4.22 | 3.54 | 8.30 |
| Montana | 3.28 | 3.02 | 2.66 | 2.92 | 4.92 |
| Nebraska | 4.31 | 4.11 | 3.65 | 3.23 | 6.60 |
| Nevada | 4.13 | 3.99 | 4.11 | 3.23 | 6.06 |
| New Hampshire | 5.86 | 7.12 | 5.74 | 4.91 | 6.40 |
| New Jersey | 4.27 | 4.68 | 4.83 | 4.38 | 4.75 |
| New Mexico | 3.51 | 3.05 | 2.56 | 2.52 | 6.96 |
| New York | 4.29 | 4.87 | 4.25 | 3.65 | 4.77 |
| North Carolina | 3.92 | 4.13 | 3.85 | 3.27 | 4.58 |
| North Dakota | 4.28 | 3.82 | 3.57 | 3.27 | 6.44 |
| Ohio | 3.96 | 3.97 | 3.60 | 3.13 | 4.53 |
| Oklahoma | 4.52 | 3.83 | 3.64 | 3.35 | 19.27 |
| Oregon | 3.90 | 3.87 | 3.56 | 3.58 | 4.30 |
| Pennsylvania | 4.26 | 4.49 | 4.53 | 3.77 | 5.08 |
| Rhode Island | 2.22 | 2.37 | 2.49 | 2.59 | 2.23 |
| South Carolina | 4.13 | 4.36 | 3.86 | 3.26 | 5.43 |
| South Dakota | 4.39 | 3.87 | 3.51 | 3.33 | 7.43 |
| Tennessee | 4.09 | 4.10 | 3.54 | 2.95 | 4.59 |
| Texas | 4.80 | 5.04 | 3.02 | 2.70 | 10.76 |
| Utah | 5.30 | 5.17 | 4.80 | 5.30 | 5.07 |
| Vermont | 5.03 | 4.64 | 3.86 | 3.33 | 4.42 |
| Virginia | 4.53 | 4.69 | 4.52 | 3.87 | 5.07 |
| Washington | 3.51 | 3.65 | 4.25 | 3.77 | 4.57 |
| West Virginia | 3.86 | 3.86 | 3.71 | 3.20 | 4.22 |
| Wisconsin | 4.24 | 4.19 | 3.84 | 3.36 | 5.49 |
| Wyoming | 3.92 | 3.74 | 3.48 | 3.02 | 6.36 |
| U.S. Total | 4.16 | 4.23 | 3.81 | 3.43 | 6.02 |

Source: U.S. Energy Information Administration (EIA), Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*.

Note: Prices are in nominal dollars. U.S. prices represent the weighted average of the states in each sector.

Table 23. Average price of natural gas delivered to consumers by state and sector, 2021

dollars per thousand cubic feet

| State or district | Residential | | Commercial | | Industrial | | Electric power |
|----------------------|---------------|--------------------------------------|---------------|--------------------------------------|---------------|--------------------------------------|----------------|
| | Average price | Percentage of total volume delivered | Average price | Percentage of total volume delivered | Average price | Percentage of total volume delivered | Average price |
| Alabama | 15.72 | 100.0 | 12.03 | 78.9 | 4.85 | 24.2 | W |
| Alaska | 10.94 | 100.0 | 9.88 | 99.7 | 5.20 | 100.0 | 6.56 |
| Arizona | 15.52 | 100.0 | 8.68 | 81.5 | 6.41 | 21.3 | W |
| Arkansas | 12.56 | 100.0 | 8.48 | 38.3 | 7.76 | 1.6 | W |
| California | 16.34 | 95.7 | 12.04 | 53.3 | 9.75 | 4.8 | 5.57 |
| Colorado | 9.10 | 100.0 | 7.97 | 94.2 | 7.13 | 9.1 | W |
| Connecticut | 16.06 | 96.3 | 10.65 | 76.9 | 7.63 | 48.5 | 4.83 |
| Delaware | 13.14 | 100.0 | 10.81 | 33.6 | 11.59 | 0.2 | W |
| District of Columbia | 14.29 | 74.5 | 12.89 | 20.5 | -- | -- | -- |
| Florida | 22.90 | 92.2 | 12.09 | 30.0 | 6.40 | 3.0 | W |
| Georgia | 15.91 | 100.0 | 8.59 | 100.0 | 5.44 | 21.9 | W |
| Hawaii | 46.99 | 100.0 | 34.51 | 100.0 | 25.10 | 100.0 | -- |
| Idaho | 7.00 | 100.0 | 5.90 | 76.5 | 3.88 | 3.5 | 4.35 |
| Illinois | 10.51 | 89.2 | 9.10 | 34.0 | 7.57 | 6.9 | W |
| Indiana | 10.05 | 96.3 | 7.78 | 68.0 | 6.86 | 1.9 | 4.34 |
| Iowa | 10.20 | 100.0 | 8.46 | 63.7 | 7.08 | 2.9 | 4.22 |
| Kansas | 11.11 | 100.0 | 9.08 | 48.7 | 5.22 | 7.4 | 9.75 |
| Kentucky | 12.22 | 97.7 | 9.59 | 78.9 | 4.99 | 15.6 | W |
| Louisiana | 12.83 | 100.0 | 9.85 | 71.8 | 4.03 | 2.4 | W |
| Maine | 16.54 | 100.0 | 12.77 | 63.2 | 9.18 | 9.5 | W |
| Maryland | 14.70 | 78.4 | 11.97 | 25.8 | 9.10 | 4.1 | 4.49 |
| Massachusetts | 16.02 | 98.4 | 12.05 | 38.6 | 10.13 | 25.2 | W |
| Michigan | 9.21 | 95.0 | 7.87 | 58.2 | 6.70 | 6.7 | 4.22 |
| Minnesota | 9.40 | 100.0 | 7.79 | 88.3 | 5.47 | 18.6 | W |
| Mississippi | 12.65 | 100.0 | 9.95 | 79.9 | 5.66 | 8.2 | W |
| Missouri | 10.81 | 100.0 | 7.70 | 72.0 | 6.53 | 12.2 | W |
| Montana | 8.86 | 99.7 | 8.70 | 47.3 | 7.14 | 1.3 | 3.43 |
| Nebraska | 9.59 | 87.8 | 6.69 | 55.5 | 5.36 | 5.2 | 10.52 |
| Nevada | 9.72 | 100.0 | 6.56 | 61.7 | 5.59 | 17.5 | 4.68 |
| New Hampshire | 16.31 | 100.0 | 12.60 | 59.4 | 9.53 | 8.1 | W |
| New Jersey | 10.26 | 97.1 | 10.14 | 43.0 | 9.42 | 6.2 | 3.72 |
| New Mexico | 9.77 | 100.0 | 7.33 | 57.1 | 6.03 | 14.7 | 5.60 |
| New York | 13.78 | 100.0 | 7.91 | 100.0 | 8.38 | 5.2 | 4.10 |
| North Carolina | 14.12 | 100.0 | 9.87 | 86.4 | 6.33 | 12.2 | W |
| North Dakota | 9.11 | 100.0 | 7.19 | 94.0 | 4.63 | 35.6 | 4.18 |
| Ohio | 11.08 | 100.0 | 6.64 | 100.0 | 8.00 | 0.9 | 3.78 |
| Oklahoma | 10.29 | 100.0 | 7.95 | 46.2 | 4.52 | 6.2 | W |
| Oregon | 11.76 | 100.0 | 8.91 | 95.5 | 5.07 | 17.0 | W |
| Pennsylvania | 12.01 | 87.3 | 9.59 | 35.7 | 8.51 | 1.0 | 3.41 |
| Rhode Island | 16.18 | 100.0 | 13.21 | 52.2 | 9.81 | 3.8 | W |
| South Carolina | 14.29 | 100.0 | 9.89 | 89.3 | 5.60 | 36.7 | 4.35 |
| South Dakota | 9.75 | 100.0 | 7.82 | 76.6 | 6.06 | 3.5 | 4.36 |
| Tennessee | 10.29 | 100.0 | 9.11 | 87.2 | 5.50 | 23.4 | 3.64 |
| Texas | 13.77 | 99.8 | 8.49 | 70.5 | 4.96 | 31.1 | 8.02 |
| Utah | 8.99 | 100.0 | 7.37 | 64.3 | 5.43 | 2.5 | 4.64 |
| Vermont | 14.01 | 100.0 | 6.49 | 100.0 | 5.15 | 100.0 | W |
| Virginia | 13.68 | 90.0 | 9.33 | 52.5 | 5.16 | 14.1 | 4.10 |
| Washington | 11.63 | 100.0 | 9.42 | 86.7 | 8.21 | 6.2 | W |
| West Virginia | 10.46 | 100.0 | 8.47 | 52.9 | 3.76 | 2.9 | W |
| Wisconsin | 9.74 | 100.0 | 7.88 | 64.1 | 6.98 | 15.9 | W |
| Wyoming | 10.04 | 68.7 | 7.65 | 57.0 | 5.76 | 1.0 | W |
| U.S. Total | 12.18 | 96.6 | 8.79 | 65.1 | 5.50 | 13.4 | 5.17 |

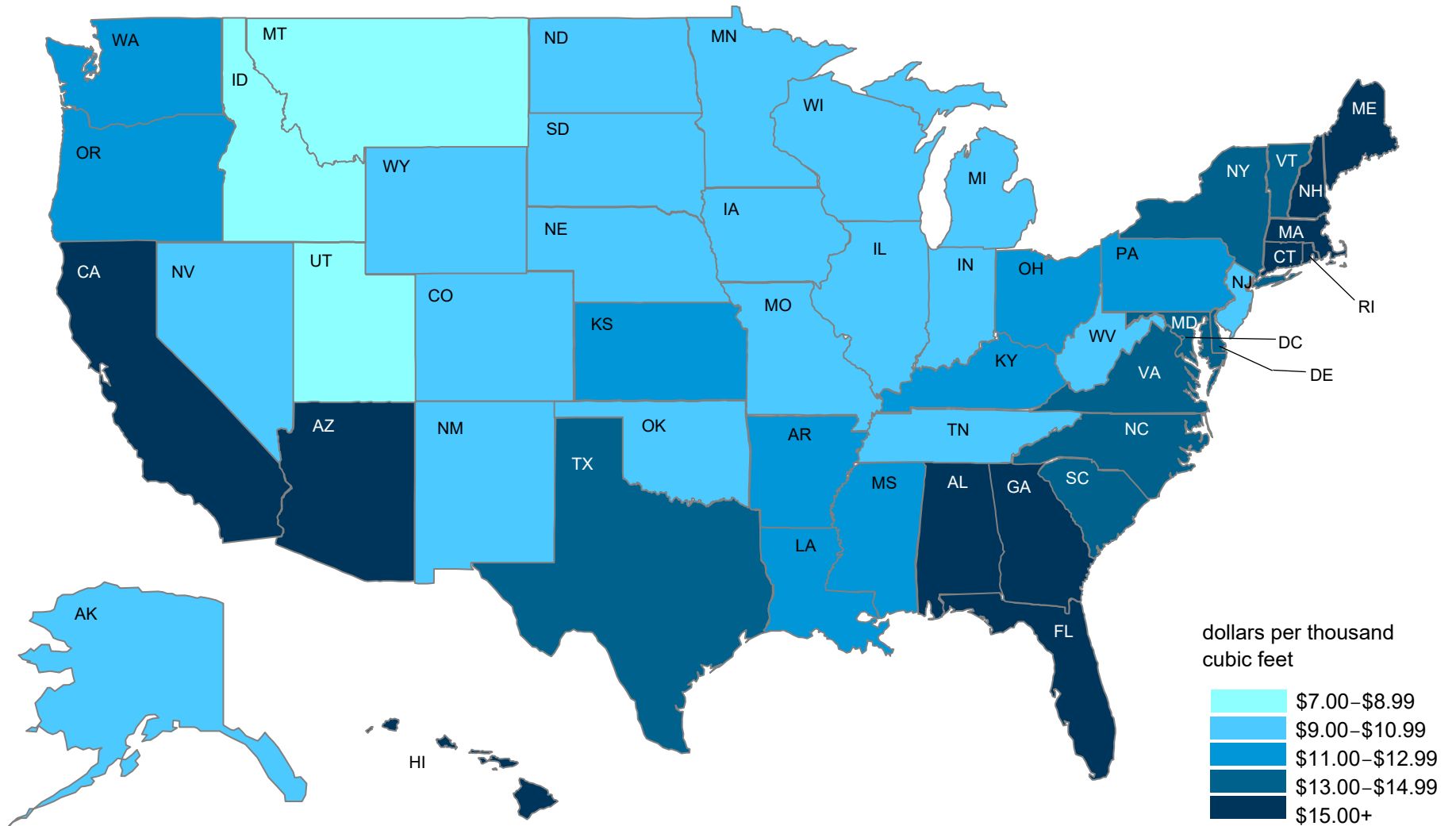
-- Not applicable.

W Withheld.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-923, *Power Plant Operations Report*; and Form EIA-910, *Monthly Natural Gas Marketer Survey*.

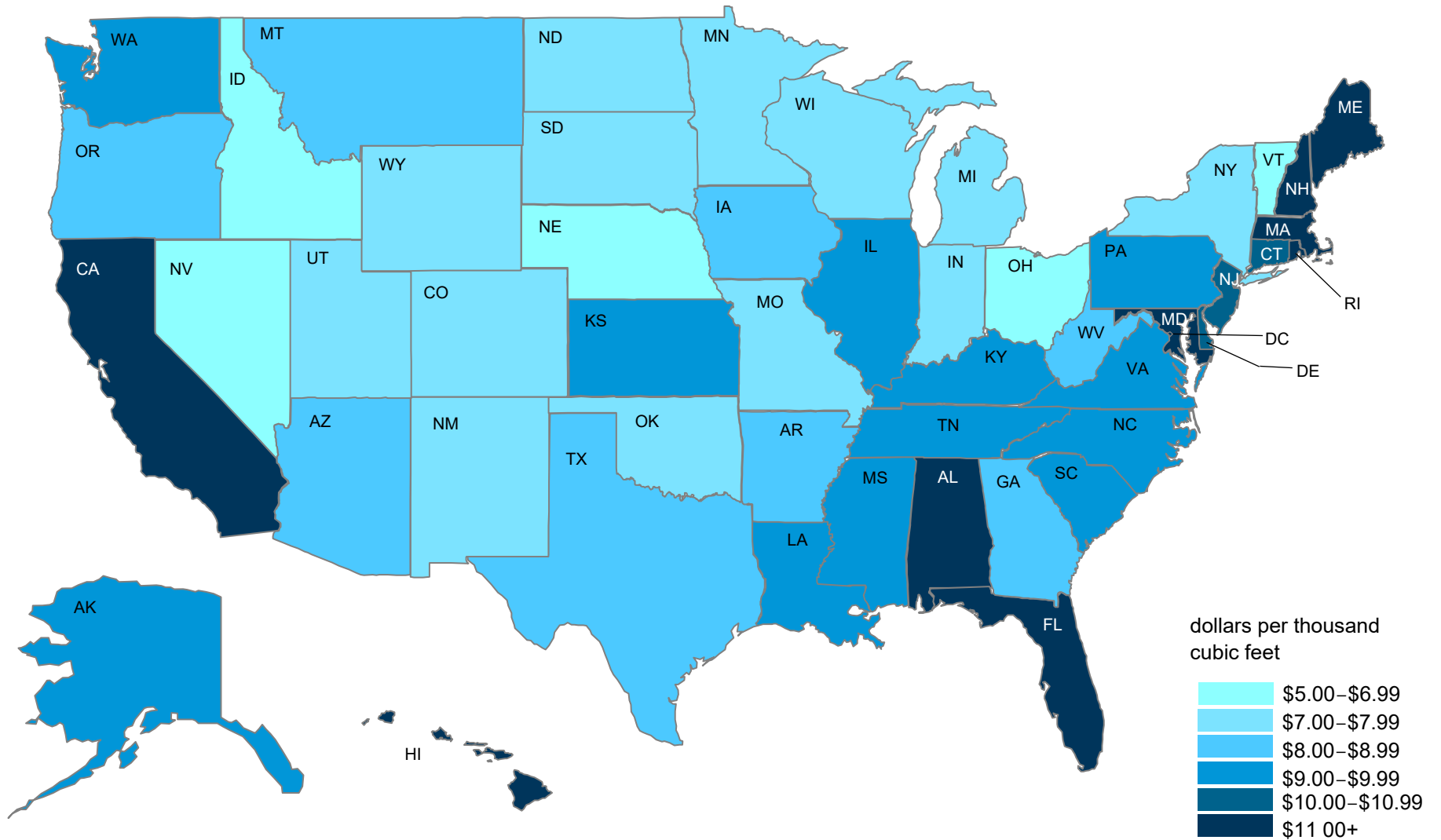
Note: Prices are in nominal dollars. U.S. prices represent the weighted average of the states in each sector.

Figure 20. Average price of natural gas delivered to U.S. residential consumers, 2021
dollars per thousand cubic feet



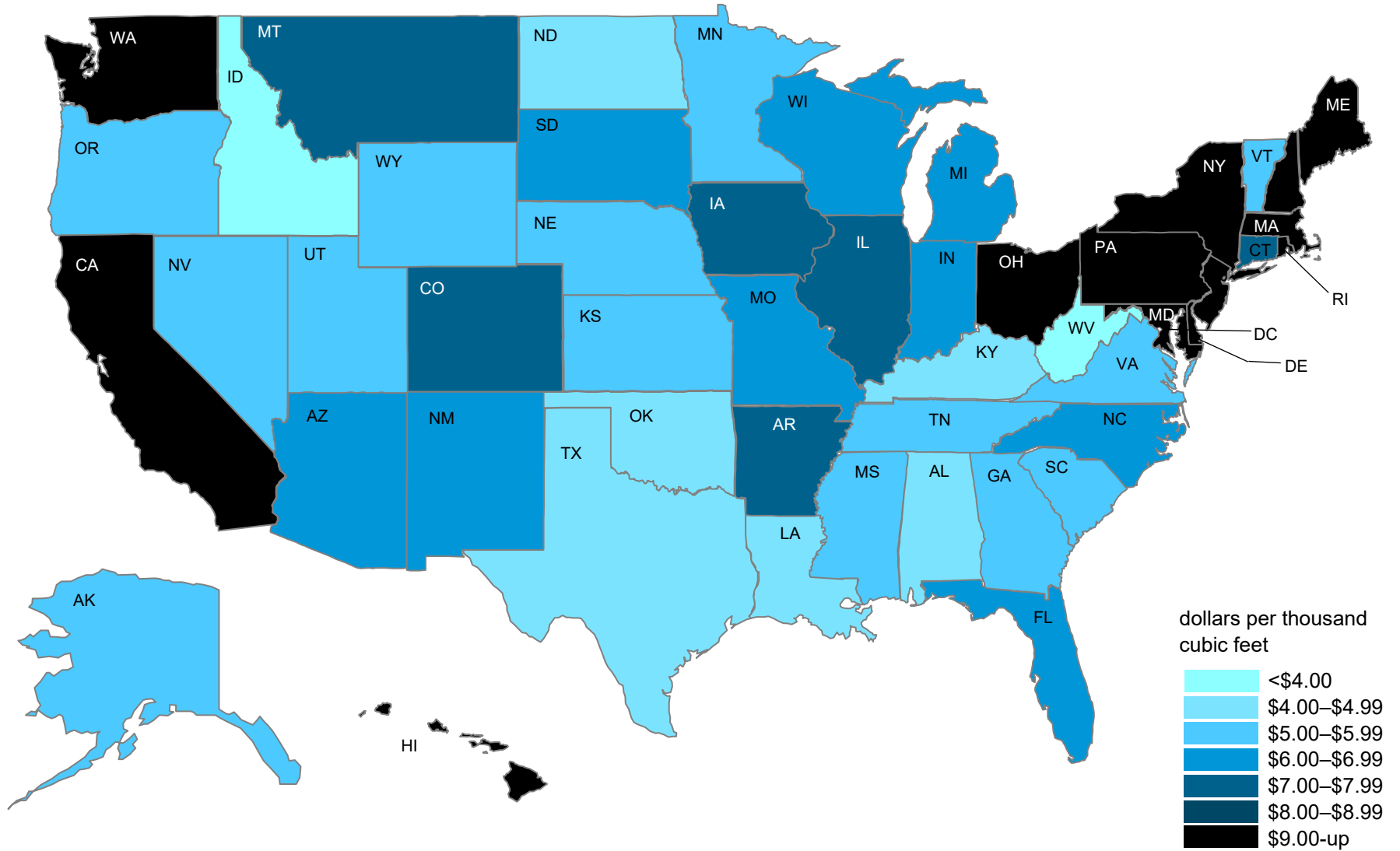
Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*, and Form EIA-910, *Monthly Natural Gas Marketer Survey*.
Note: Prices are in nominal dollars.

Figure 21. Average price of natural gas delivered to U.S. commercial consumers, 2021
dollars per thousand cubic feet



Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*, and Form EIA-910, *Monthly Natural Gas Marketer Survey*.
Note: Prices are in nominal dollars.

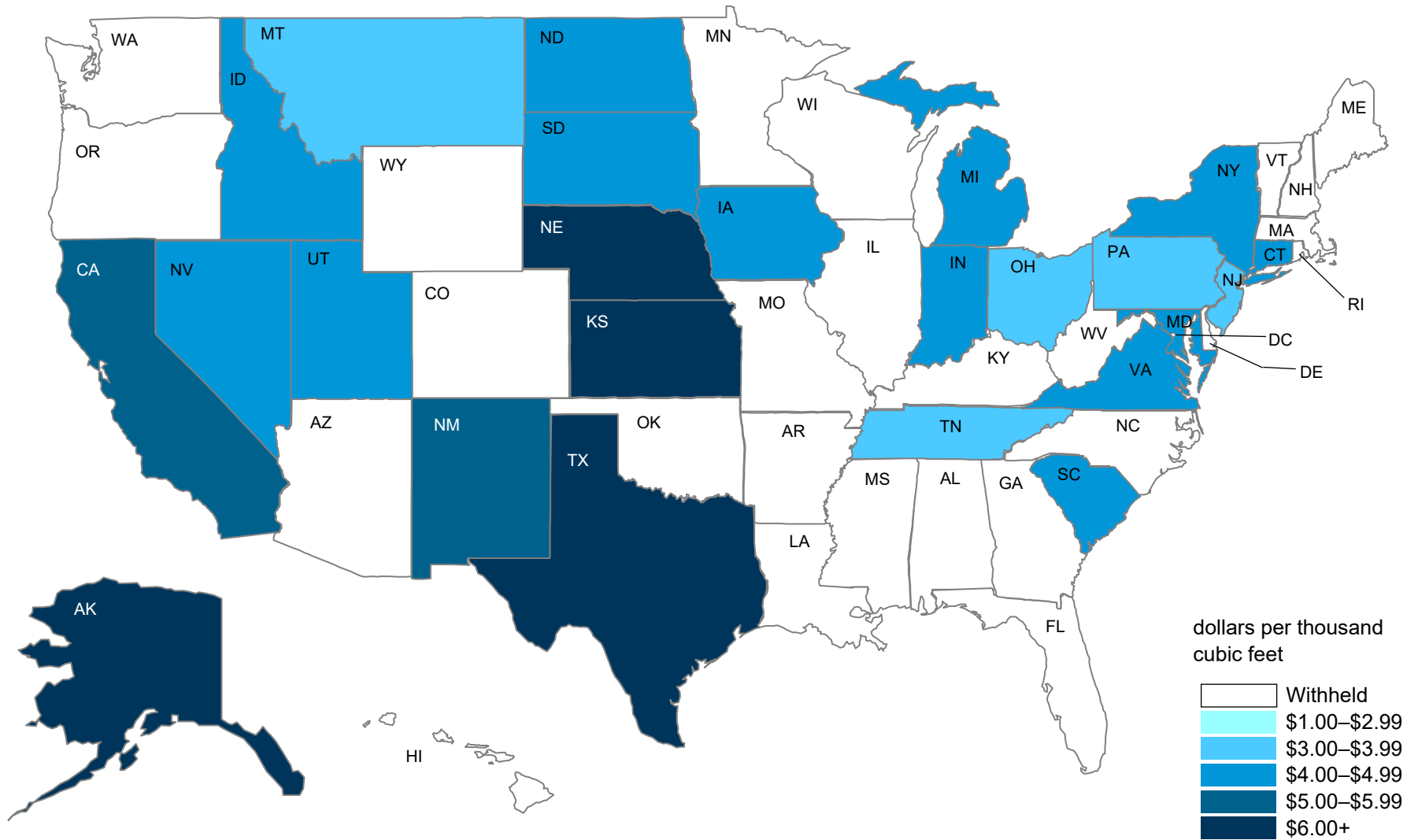
Figure 22. Average price of natural gas delivered to U.S. industrial consumers, 2021
dollars per thousand cubic feet



Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Note: Industrial prices represent only 13% of deliveries in 2020. Prices are in nominal dollars. Industrial consumption of natural gas in the District of Columbia equals 0; therefore, the price is not applicable.

Figure 23. Average price of natural gas delivered to U.S. electric power consumers, 2021
dollars per thousand cubic feet



Source: U.S. Energy Information Administration (EIA), Form EIA-923, *Power Plant Operations Report*.
Note: Prices are in nominal dollars.

Table 24. Average price of natural gas delivered to residential and commercial sector consumers by local distribution and marketers in selected states, 2020-2021

dollars per thousand cubic feet

| State | 2020 | | | | Residential 2021 | | | |
|----------|---|-------------------------------------|-------------------------------------|--|---|-------------------------------------|-------------------------------------|--|
| | Local distribution company average price ^a | Marketer average price ^b | Combined average price ^c | Percent sold by local distribution company | Local distribution company average price ^a | Marketer average price ^b | Combined average price ^c | Percent sold by local distribution company |
| Georgia | ^R 12.99 | 15.81 | 15.45 | 12.8 | 13.63 | 16.26 | 15.91 | 13.4 |
| New York | 12.49 | 13.78 | 12.80 | 76.0 | 13.64 | 14.26 | 13.78 | 77.4 |
| Ohio | 8.93 | 9.65 | 9.53 | 16.3 | 11.12 | 11.08 | 11.08 | 16.4 |

| State | 2020 | | | | Commercial 2021 | | | |
|----------|---|-------------------------------------|-------------------------------------|--|---|-------------------------------------|-------------------------------------|--|
| | Local distribution company average price ^a | Marketer average price ^b | Combined average price ^c | Percent sold by local distribution company | Local distribution company average price ^a | Marketer average price ^b | Combined average price ^c | Percent sold by local distribution company |
| Georgia | 9.56 | 7.20 | ^R 7.69 | ^R 20.8 | 10.58 | 8.05 | 8.59 | 21.5 |
| New York | 8.09 | 6.10 | 6.88 | 39.0 | 9.35 | 6.94 | 7.91 | 40.5 |
| Ohio | 7.24 | 5.48 | 5.63 | 8.5 | 9.30 | 6.38 | 6.64 | 8.7 |

^a Price derived from Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

^b Price derived from Form EIA-910, *Monthly Natural Gas Marketer Survey*.

^c Prices combined by weighting percent sold by local distribution companies versus percent sold by marketers according to volumes reported on Form EIA-176.

^R Revised data.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; and Form EIA-910, *Monthly Natural Gas Marketer Survey*.

Note: Beginning in 2011, Form EIA-910, *Monthly Natural Gas Marketer Survey*, was only collected in Georgia, New York, and Ohio. Prices represent the annual average retail price for volumes delivered to residential and commercial customers by marketers who report on Form EIA-910, *Monthly Natural Gas Marketer Survey*, and local distribution companies who report on Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*. Both sets of prices include the cost of the natural gas commodity/supply and all transportation and delivery charges. Because the prices reflect each state's aggregate of multiple local distribution companies and marketers, a comparison of the aggregate prices may not represent the realized price savings that an individual customer might have obtained. Localized tariff rates, distinct contract and pricing options, and contract timing may affect the price differential between marketers and licensed distribution companies.

Table 25. Number of customers eligible and participating in a customer choice program in the residential sector, 2021

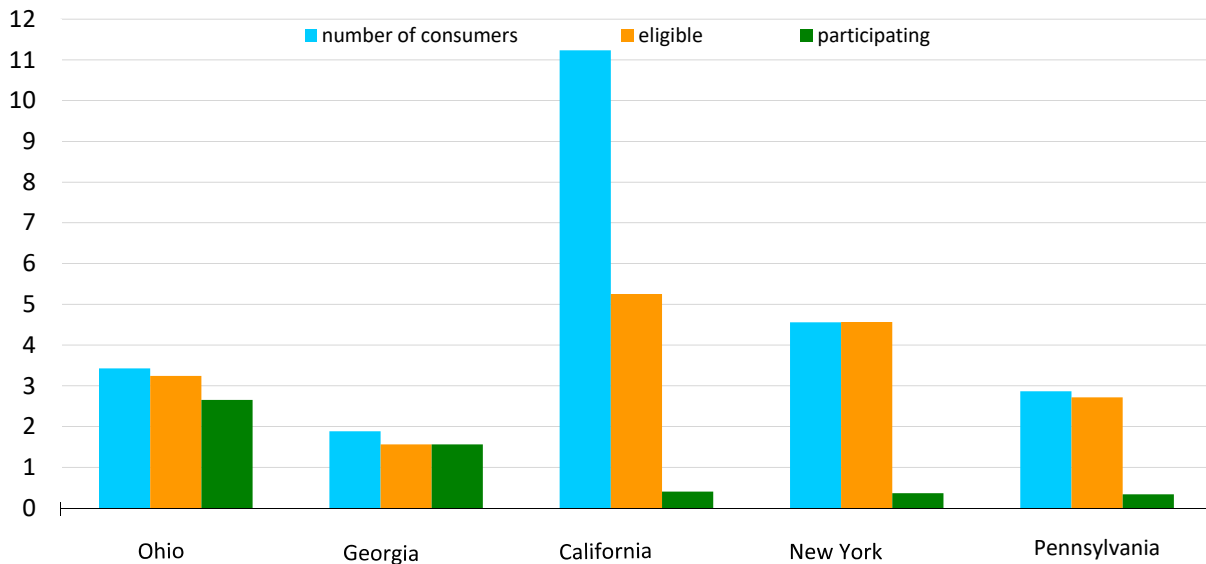
| State or district | Number of consumers | Eligible | Participating |
|---------------------------|---------------------|-------------------|------------------|
| California | 11,232,552 | 5,253,138 | 404,622 |
| Colorado | 1,867,050 | 1,347,573 | 0 |
| Connecticut | 584,002 | 3,255 | 806 |
| District of Columbia | 155,091 | 155,091 | 17,348 |
| Florida | 840,152 | 22,276 | 20,116 |
| Georgia | 1,881,936 | 1,561,096 | 1,561,096 |
| Illinois | 3,973,048 | 3,044,883 | 221,955 |
| Indiana | 1,812,881 | 781,083 | 61,563 |
| Kentucky | 786,902 | 123,658 | 14,267 |
| Maryland | 1,188,292 | 1,130,123 | 206,044 |
| Massachusetts | 1,581,946 | 1,550,068 | 23,491 |
| Michigan | 3,379,955 | 3,334,294 | 279,916 |
| Montana | 287,380 | 208,320 | 760 |
| Nebraska | 553,328 | 68,593 | 68,593 |
| New Jersey | 2,904,021 | 2,902,149 | 88,606 |
| New Mexico | 609,186 | 500,559 | 106 |
| New York | 4,559,338 | 4,555,221 | 363,714 |
| Ohio | 3,427,853 | 3,244,289 | 2,654,430 |
| Pennsylvania | 2,864,907 | 2,715,489 | 337,962 |
| Rhode Island | 247,368 | 247,368 | 0 |
| Virginia | 1,280,027 | 777,771 | 84,008 |
| Wisconsin | 1,823,385 | 1,147,250 | 0 |
| Wyoming | 170,833 | 75,441 | 55,596 |
| Subtotal | 48,011,433 | 34,748,988 | 6,464,999 |
| Other States ^a | 23,924,642 | 0 | 0 |
| Total | 71,936,075 | 34,748,988 | 6,464,999 |

^a Other states is the total for all states not shown in this table.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Note: The number of eligible customers represents those residential customers, regardless of size, who were allowed to purchase fuel from an alternative supplier at the end of the report year. The number of participating customers represents those who were actively participating in such a program at the end of the year.

Figure 24. Top five states with the most participants in a residential customer choice program, 2021



Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

State summaries

Table 26. Percentage distribution of natural gas supply and disposition by state, 2021

| State or district | Dry production | Total consumption |
|----------------------|----------------|-------------------|
| Alabama | 0.3 | 1.7 |
| Alaska | 1.0 | 1.9 |
| Arizona | < | 0.6 |
| Arkansas | 1.3 | 1.1 |
| California | 0.4 | 7.5 |
| Colorado | 4.9 | 2.0 |
| Connecticut | -- | 0.7 |
| Delaware | -- | 0.3 |
| District of Columbia | -- | 0.1 |
| Florida | < | 1.2 |
| Georgia | -- | 1.8 |
| Gulf of Mexico | 2.0 | 0.4 |
| Hawaii | -- | < |
| Idaho | < | 0.5 |
| Illinois | < | 4.6 |
| Indiana | < | 3.2 |
| Iowa | -- | 1.8 |
| Kansas | 0.4 | 1.3 |
| Kentucky | 0.2 | 1.2 |
| Louisiana | 9.9 | 7.4 |
| Maine | -- | 0.2 |
| Maryland | < | 1.0 |
| Massachusetts | -- | 1.4 |
| Michigan | 0.2 | 3.3 |
| Minnesota | -- | 2.1 |
| Mississippi | 0.1 | 1.1 |
| Missouri | -- | 1.2 |
| Montana | 0.1 | 0.4 |
| Nebraska | < | 0.9 |
| Nevada | < | 0.5 |
| New Hampshire | -- | 0.1 |
| New Jersey | -- | 2.3 |
| New Mexico | 5.9 | 1.0 |
| New York | < | 4.5 |
| North Carolina | -- | 1.3 |
| North Dakota | 2.3 | 0.9 |
| Ohio | 6.5 | 4.2 |
| Oklahoma | 6.7 | 2.4 |
| Oregon | < | 0.7 |
| Pennsylvania | 21.8 | 4.9 |
| Rhode Island | -- | 0.2 |
| South Carolina | -- | 0.8 |
| South Dakota | < | 0.4 |
| Tennessee | < | 1.6 |
| Texas | 24.6 | 15.5 |
| Utah | 0.7 | 1.0 |
| Vermont | -- | 0.1 |
| Virginia | 0.3 | 1.5 |
| Washington | -- | 1.2 |
| West Virginia | 7.4 | 1.2 |
| Wisconsin | -- | 2.0 |
| Wyoming | 3.1 | 0.7 |
| Total | 100.0 | 100.0 |

-- Not applicable.

< Percentage is less than 0.05%.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not equal sum of components because of independent rounding.

Table 27. Percentage distribution of natural gas delivered to consumers by state, 2021

| State or district | Residential | Commercial | Industrial | Vehicle fuel | Electric power |
|----------------------|--------------|--------------|--------------|--------------|----------------|
| Alabama | 0.7 | 0.8 | 2.8 | 0.1 | 3.4 |
| Alaska | 0.5 | 0.5 | 0.1 | < | 0.2 |
| Arizona | 0.8 | 1.0 | 0.2 | 3.8 | 3.2 |
| Arkansas | 0.7 | 1.7 | 1.3 | 0.2 | 1.3 |
| California | 9.5 | 7.3 | 8.2 | 46.7 | 5.7 |
| Colorado | 2.9 | 1.8 | 1.0 | 3.2 | 1.0 |
| Connecticut | 1.1 | 1.7 | 0.3 | 0.4 | 1.5 |
| Delaware | 0.2 | 0.5 | 0.4 | -- | 0.2 |
| District of Columbia | 0.2 | 0.4 | -- | 0.5 | -- |
| Florida | 0.4 | 1.9 | 1.6 | 10.3 | 11.6 |
| Georgia | 2.7 | 1.6 | 2.0 | 2.8 | 3.7 |
| Hawaii | < | 0.1 | < | -- | -- |
| Idaho | 0.7 | 0.6 | 0.5 | 0.1 | 0.3 |
| Illinois | 8.2 | 6.8 | 3.0 | 0.1 | 1.9 |
| Indiana | 2.8 | 2.7 | 4.7 | 3.5 | 1.8 |
| Iowa | 1.3 | 1.5 | 2.7 | < | 0.3 |
| Kansas | 1.3 | 1.2 | 1.6 | 1.7 | 0.2 |
| Kentucky | 1.0 | 1.1 | 1.5 | < | 1.0 |
| Louisiana | 0.8 | 1.0 | 13.0 | 0.7 | 2.8 |
| Maine | 0.1 | 0.3 | 0.3 | < | 0.1 |
| Maryland | 1.6 | 2.1 | 0.2 | 0.5 | 0.9 |
| Massachusetts | 2.6 | 3.1 | 0.6 | 0.1 | 1.0 |
| Michigan | 6.3 | 4.9 | 1.9 | < | 2.3 |
| Minnesota | 2.8 | 3.1 | 1.8 | 1.0 | 0.8 |
| Mississippi | 0.5 | 0.6 | 1.6 | < | 3.2 |
| Missouri | 2.2 | 1.9 | 0.8 | 0.4 | 0.5 |
| Montana | 0.4 | 0.7 | 0.3 | < | < |
| Nebraska | 0.8 | 1.0 | 1.2 | 0.8 | 0.1 |
| Nevada | 1.0 | 0.9 | 0.2 | 2.1 | 1.7 |
| New Hampshire | 0.2 | 0.3 | 0.1 | < | 0.3 |
| New Jersey | 4.9 | 4.6 | 0.7 | 0.8 | 2.0 |
| New Mexico | 0.8 | 0.8 | 0.2 | 0.7 | 0.7 |
| New York | 9.4 | 9.0 | 1.1 | 2.1 | 4.0 |
| North Carolina | 1.5 | 1.7 | 1.5 | 2.9 | 3.2 |
| North Dakota | 0.2 | 0.4 | 0.5 | < | 0.1 |
| Ohio | 5.8 | 5.1 | 3.7 | 2.0 | 3.4 |
| Oklahoma | 1.4 | 1.3 | 2.5 | 3.2 | 2.2 |
| Oregon | 1.0 | 0.9 | 0.7 | 0.1 | 1.2 |
| Pennsylvania | 4.8 | 4.7 | 2.9 | 3.1 | 7.6 |
| Rhode Island | 0.4 | 0.3 | 0.1 | 0.2 | 0.5 |
| South Carolina | 0.7 | 0.8 | 1.2 | 0.2 | 1.6 |
| South Dakota | 0.3 | 0.3 | 0.6 | -- | 0.1 |
| Tennessee | 1.5 | 1.8 | 1.9 | 0.7 | 0.9 |
| Texas | 4.5 | 5.5 | 22.8 | 1.7 | 14.6 |
| Utah | 1.5 | 1.3 | 0.5 | 0.5 | 0.7 |
| Vermont | 0.1 | 0.2 | < | 0.1 | < |
| Virginia | 1.7 | 2.2 | 1.4 | 1.2 | 3.4 |
| Washington | 1.9 | 1.7 | 1.0 | 0.3 | 1.0 |
| West Virginia | 0.5 | 0.7 | 0.5 | < | 0.2 |
| Wisconsin | 2.8 | 3.1 | 1.8 | 0.9 | 1.4 |
| Wyoming | 0.3 | 0.4 | 0.6 | < | 0.1 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

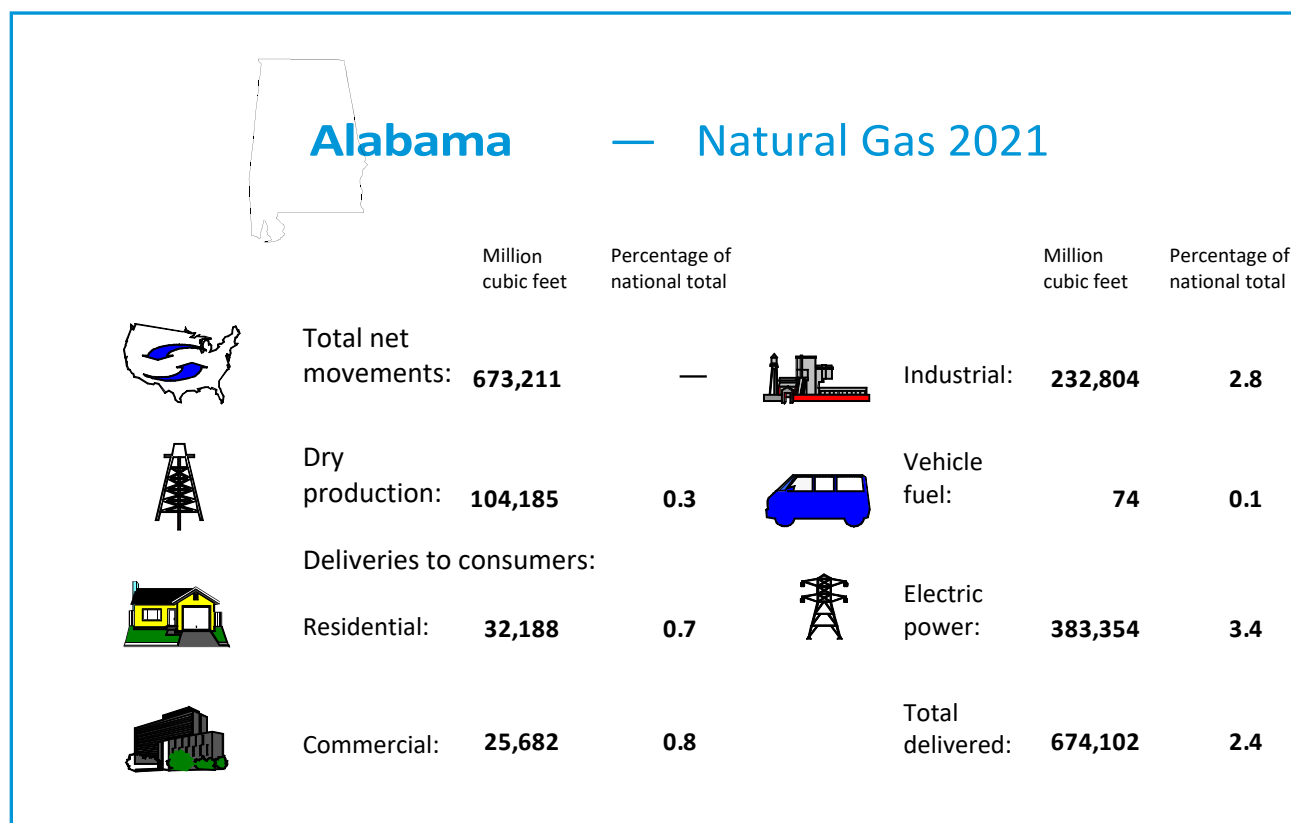
-- Not applicable.

< Percentage is less than 0.05%.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-923, *Power Plant Operations Report*; and EIA estimates based on historical data.

Note: Totals may not equal sum of components because of independent rounding.

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**Table S1. Summary statistics for natural gas – Alabama, 2017-2021**

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 78,796 | 75,326 | 72,500 | 65,786 | 61,097 |
| Oil wells | 8,929 | 7,595 | 5,269 | 4,032 | 3,711 |
| Coalbed wells | 62,313 | 56,557 | 52,300 | 47,210 | 42,425 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 150,038 | 139,477 | 130,069 | 117,028 | 107,233 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 150,038 | 139,477 | 130,069 | 117,028 | 107,233 |
| NGPL production, gaseous equivalent | 3,220 | 4,047 | 3,190 | 2,795 | 3,048 |
| Total dry production | 146,818 | 135,430 | 126,879 | 114,233 | 104,185 |
| Supply (million cubic feet) | | | | | |
| Dry production | 146,818 | 135,430 | 126,879 | 114,233 | 104,185 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 4,107,839 | 4,575,005 | 4,126,553 | R4,205,129 | 4,381,941 |
| Withdrawals from storage | | | | | |
| Underground storage | 31,307 | 38,089 | 29,283 | 23,286 | 31,310 |
| Liquefied natural gas (LNG) storage | 432 | 1,730 | 686 | 801 | 1,243 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -94,749 | -94,265 | -77,752 | R-133,076 | -69,329 |
| Total supply | 4,191,646 | 4,655,990 | 4,205,649 | R4,210,373 | 4,449,350 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 661,366 | 750,188 | 728,337 | R693,377 | 710,424 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 3,502,274 | 3,868,493 | 3,442,685 | 3,491,175 | 3,708,730 |
| Additions to storage | | | | | |
| Underground storage | 27,737 | 35,430 | 33,963 | 25,026 | 28,854 |
| LNG storage | 270 | 1,879 | 664 | 794 | 1,342 |
| Total disposition | 4,191,646 | 4,655,990 | 4,205,649 | R4,210,373 | 4,449,350 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 8,737 | 8,444 | E7,674 | 6,905 | 6,327 |
| Pipeline and distribution use | 21,224 | 25,393 | 23,869 | R25,442 | 25,009 |
| Plant fuel | 5,372 | 4,943 | 5,240 | 4,585 | 4,987 |
| Delivered to consumers | | | | | |
| Residential | 26,338 | 34,726 | 30,616 | 28,178 | 32,188 |
| Commercial | 22,915 | 26,636 | 24,875 | 22,906 | 25,682 |
| Industrial | 196,654 | 219,057 | 217,040 | R209,124 | 232,804 |
| Vehicle fuel | 89 | 83 | 91 | 71 | 74 |
| Electric power | 380,038 | 430,906 | 418,932 | R396,165 | 383,354 |
| Total delivered to consumers | 626,033 | 711,408 | 691,554 | R656,445 | 674,102 |
| Total consumption | 661,366 | 750,188 | 728,337 | R693,377 | 710,424 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 5,506 | 5,629 | 5,355 | 5,151 | 5,410 |
| Industrial | 145,136 | 166,128 | 166,132 | R159,976 | 176,381 |
| Number of consumers | | | | | |
| Residential | 777,856 | 778,702 | 783,849 | 777,368 | 787,783 |
| Commercial | 69,084 | 69,131 | 69,801 | 69,559 | 69,610 |
| Industrial | 3,457 | 3,493 | 3,511 | R3,533 | 3,522 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 332 | 385 | 356 | 329 | 369 |
| Industrial | 56,886 | 62,713 | 61,817 | R59,192 | 66,100 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 3.80 | 3.87 | 3.56 | 2.98 | 4.16 |
| Delivered to consumers | | | | | |
| Residential | 16.12 | 15.22 | 15.63 | 16.01 | 15.72 |
| Commercial | 12.04 | 11.89 | 11.87 | 11.93 | 12.03 |
| Industrial | 4.23 | 4.22 | 3.95 | 3.54 | 4.85 |
| Electric power | W | W | W | W | W |

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

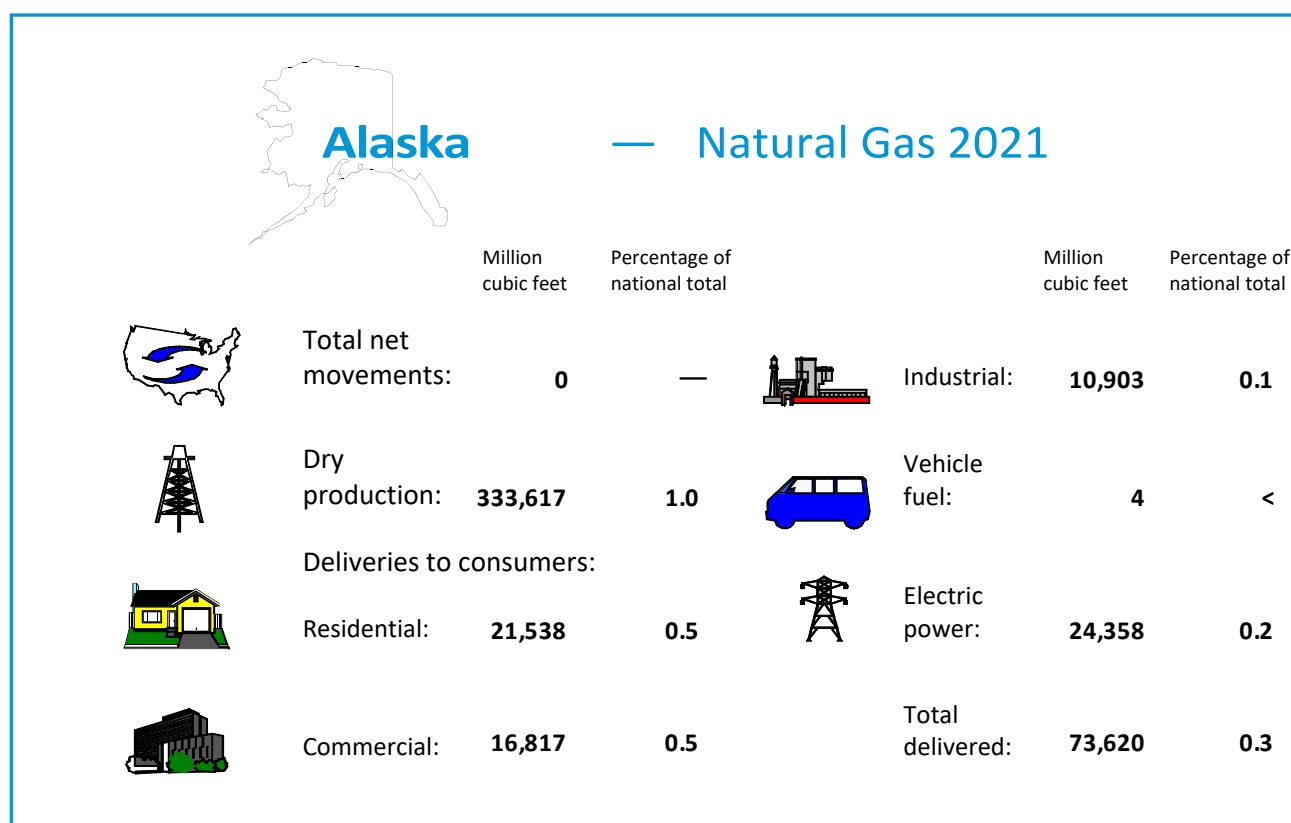


Table S2. Summary statistics for natural gas – Alaska, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 151,251 | 72,025 | 65,012 | 67,629 | 70,835 |
| Oil wells | 3,099,518 | 3,182,687 | 3,185,340 | 3,361,686 | 3,415,221 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 3,250,769 | 3,254,712 | 3,250,353 | 3,429,315 | 3,486,056 |
| Non-marketed disposition | | | | | |
| Repressuring | 2,898,778 | 2,905,187 | 2,913,744 | 3,085,278 | 3,125,427 |
| Vented and flared | 7,605 | 8,210 | 7,248 | 5,707 | 5,969 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 2,906,383 | 2,913,397 | 2,920,991 | 3,090,985 | 3,131,396 |
| Dry production | | | | | |
| Marketed production | 344,385 | 341,315 | 329,361 | 338,329 | 354,660 |
| NGPL production, gaseous equivalent | 19,303 | 19,821 | 19,857 | 20,756 | 21,043 |
| Total dry production | 325,082 | 321,494 | 309,504 | 317,573 | 333,617 |
| Supply (million cubic feet) | | | | | |
| Dry production | 325,082 | 321,494 | 309,504 | 317,573 | 333,617 |
| Receipts | | | | | |
| Imports | 0 | 1 | 6 | 1 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 0 | 0 | 0 | 0 | 0 |
| Withdrawals from storage | | | | | |
| Underground storage | 11,369 | 11,094 | 15,387 | 15,267 | 13,749 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 26,227 | 34,533 | 35,026 | ¥57,353 | 55,176 |
| Total supply | 362,679 | 367,121 | 359,923 | ¥390,194 | 402,541 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|-----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 347,725 | 355,132 | 348,968 | R379,257 | 391,656 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 0 | 0 | 0 | 0 | 0 |
| Additions to storage | | | | | |
| Underground storage | 14,954 | 11,990 | 10,955 | 10,938 | 10,885 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 362,679 | 367,121 | 359,923 | R390,194 | 402,541 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E239,734 | E249,643 | E246,649 | 252,749 | 257,603 |
| Pipeline and distribution use | 348 | 561 | 359 | 383 | 491 |
| Plant fuel | 38,757 | 40,545 | 39,104 | 58,835 | 59,942 |
| Delivered to consumers | | | | | |
| Residential | 20,247 | 18,607 | 17,951 | 21,049 | 21,538 |
| Commercial | 15,544 | 14,489 | 14,570 | 16,598 | 16,817 |
| Industrial | 4,156 | 5,890 | 5,929 | 6,796 | 10,903 |
| Vehicle fuel | 5 | 5 | 4 | 5 | 4 |
| Electric power | 28,933 | 25,393 | 24,401 | R22,841 | 24,358 |
| Total delivered to consumers | 68,886 | 64,383 | 62,855 | R67,290 | 73,620 |
| Total consumption | 347,725 | 355,132 | 348,968 | R379,257 | 391,656 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 245 | 210 | 234 | 56 | 52 |
| Industrial | 0 | 0 | 0 | 0 | 0 |
| Number of consumers | | | | | |
| Residential | 132,363 | 133,940 | 135,355 | 136,814 | 138,362 |
| Commercial | 13,728 | 13,870 | 13,940 | 14,068 | 14,177 |
| Industrial | 6 | 6 | 7 | 7 | 7 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 1,132 | 1,045 | 1,045 | 1,180 | 1,186 |
| Industrial | 692,669 | 981,588 | 847,025 | 970,908 | 1,557,580 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | 9.90 | 9.68 | 9.10 | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 7.03 | 7.33 | 8.27 | 8.25 | 7.94 |
| Delivered to consumers | | | | | |
| Residential | 10.52 | 10.99 | 11.11 | 11.14 | 10.94 |
| Commercial | 9.79 | 9.99 | 9.89 | 9.91 | 9.88 |
| Industrial | 4.63 | 5.81 | 5.85 | 4.83 | 5.20 |
| Electric power | 7.08 | 6.72 | 6.98 | R6.44 | 6.56 |

-- Not applicable.

^ Percentage is less than 0.05%.

E Estimated data.

R Revised data.

^a The heterogeneous properties of underground storage in Alaska are not considered comparable with the underground storage data published for the Lower 48 states. You can obtain underground storage data reported by companies in Alaska in the EIA-176 Query System.

^b Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

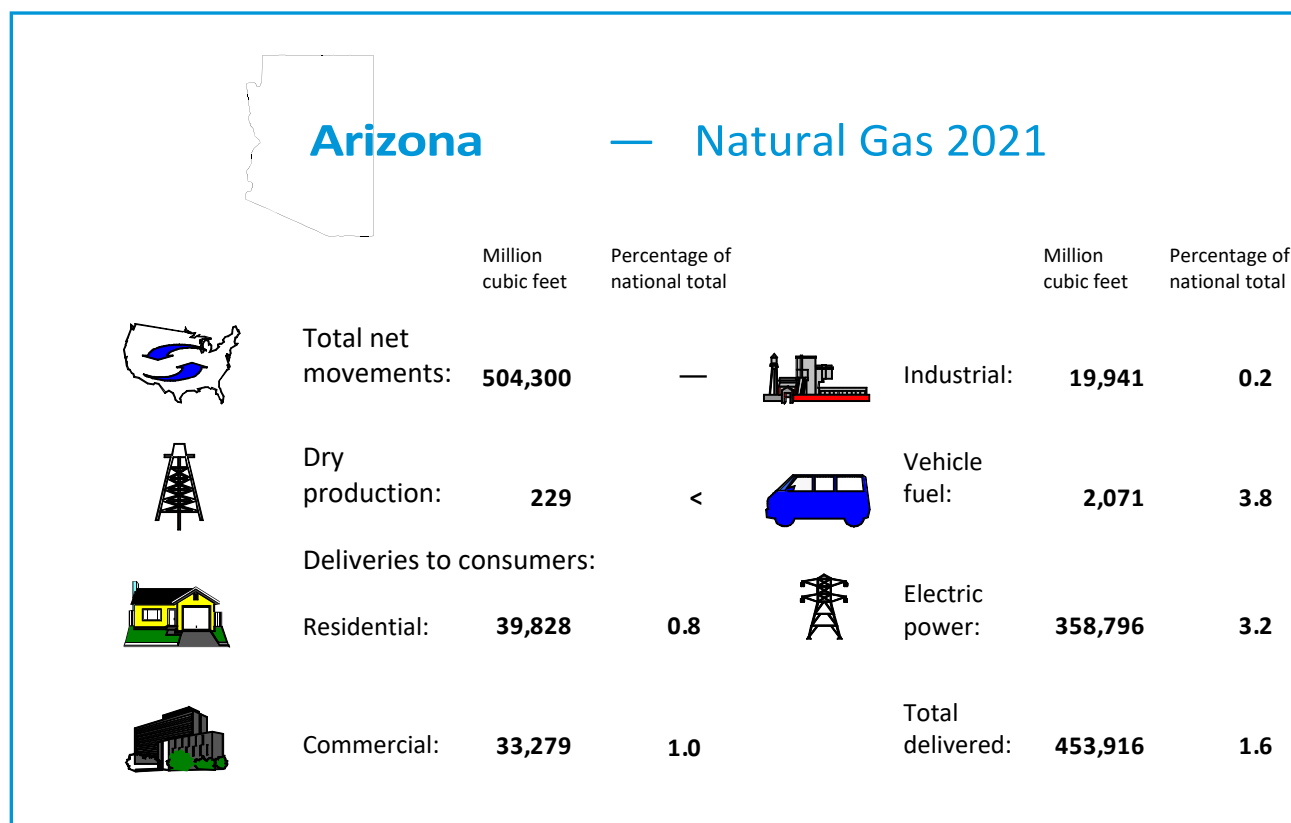


Table S3. Summary statistics for natural gas – Arizona, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 56 | 42 | 66 | 66 | 229 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 56 | 42 | 66 | 66 | 229 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | NA | NA | NA |
| Vented and flared | 0 | 0 | NA | NA | NA |
| Nonhydrocarbon gases removed | 0 | 0 | NA | NA | NA |
| Total non-marketed disposition | 0 | 0 | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 56 | 42 | 66 | 66 | 229 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 56 | 42 | 66 | 66 | 229 |
| Supply (million cubic feet) | | | | | |
| Dry production | 56 | 42 | 66 | 66 | 229 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 3,244 | 4,562 | 8,039 | 4,408 | 3,454 |
| Interstate receipts | 1,305,505 | 1,360,951 | 1,508,277 | 1,539,987 | 1,525,705 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -19,505 | -40,844 | -37,214 | R-33,992 | -34,012 |
| Total supply | 1,289,301 | 1,324,712 | 1,479,168 | R1,510,469 | 1,495,377 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 321,451 | 384,753 | 469,232 | R499,550 | 470,518 |
| Deliveries | | | | | |
| Exports | 121,805 | 115,237 | 109,933 | 110,640 | 85,698 |
| Intransit deliveries | 126 | 17,452 | 14,310 | 18,032 | 19,408 |
| Interstate deliveries | 845,918 | 807,270 | 885,694 | 882,247 | 919,753 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 1,289,301 | 1,324,712 | 1,479,168 | R1,510,469 | 1,495,377 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E4 | E3 | E5 | E5 | E16 |
| Pipeline and distribution use | 12,646 | 12,338 | 15,902 | R16,461 | 16,586 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 32,821 | 35,125 | 42,085 | 41,515 | 39,828 |
| Commercial | 31,212 | 31,812 | 34,687 | 31,605 | 33,279 |
| Industrial | 19,250 | 19,169 | 18,625 | 19,079 | 19,941 |
| Vehicle fuel | 1,565 | 1,656 | 1,622 | 2,027 | 2,071 |
| Electric power | 223,952 | 284,651 | 356,307 | R388,859 | 358,796 |
| Total delivered to consumers | 308,801 | 372,412 | 453,325 | R483,085 | 453,916 |
| Total consumption | 321,451 | 384,753 | 469,232 | R499,550 | 470,518 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 2 | 2 | 2 | 2 | 2 |
| Commercial | 5,912 | 5,811 | 6,411 | 5,763 | 6,164 |
| Industrial | 16,584 | 16,411 | 15,239 | 15,174 | 15,691 |
| Number of consumers | | | | | |
| Residential | 1,234,912 | 1,252,498 | 1,277,421 | 1,306,008 | 1,330,138 |
| Commercial | 57,143 | 57,504 | 57,868 | 58,226 | 58,749 |
| Industrial | 385 | 382 | 383 | 374 | 381 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 546 | 553 | 599 | 543 | 566 |
| Industrial | 50,001 | 50,179 | 48,630 | 51,012 | 52,339 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | 3.08 | 2.38 | 2.59 | 1.52 | 5.32 |
| Citygate | 4.36 | 3.47 | 2.62 | 2.56 | 7.10 |
| Delivered to consumers | | | | | |
| Residential | 15.78 | 15.35 | 13.46 | 13.10 | 15.52 |
| Commercial | 8.97 | 8.69 | 7.29 | 6.91 | 8.68 |
| Industrial | 6.47 | 5.98 | 4.12 | 3.94 | 6.41 |
| Electric power | W | 3.08 | W | W | W |

-- Not applicable.

< Percentage is less than 0.05%.

E Estimated data.

NA Not available.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

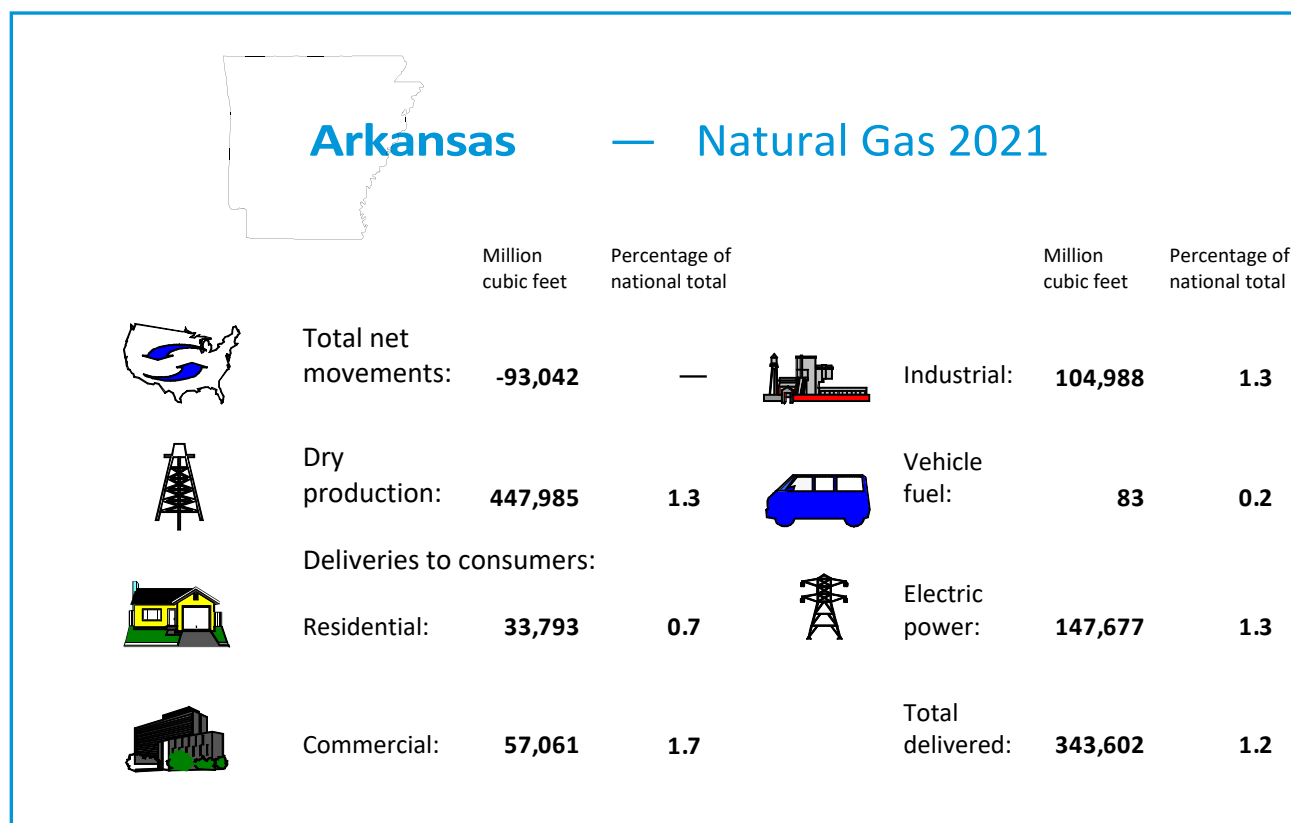


Table S4. Summary statistics for natural gas – Arkansas, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 87,796 | 81,008 | 70,525 | 69,754 | 67,086 |
| Oil wells | 2,442 | 2,530 | 1,991 | 2,006 | 1,897 |
| Coalbed wells | 1,087 | 1,142 | 960 | 950 | 909 |
| Shale gas wells | 603,351 | 505,306 | 451,281 | 408,271 | 378,295 |
| Total gross withdrawals | 694,676 | 589,985 | 524,757 | 480,982 | 448,187 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 694,676 | 589,985 | 524,757 | 480,982 | 448,187 |
| NGPL production, gaseous equivalent | 377 | 284 | 257 | 210 | 202 |
| Total dry production | 694,299 | 589,701 | 524,500 | 480,772 | 447,985 |
| Supply (million cubic feet) | | | | | |
| Dry production | 694,299 | 589,701 | 524,500 | 480,772 | 447,985 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,050,081 | 1,222,799 | 1,346,754 | 1,331,580 | 1,336,081 |
| Withdrawals from storage | | | | | |
| Underground storage | 3,931 | 4,852 | 4,942 | 5,418 | 4,797 |
| Liquefied natural gas (LNG) storage | 47 | 32 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -18,574 | -4,788 | -2,513 | R-4,215 | -2,267 |
| Total supply | 1,729,784 | 1,812,595 | 1,873,683 | R1,813,555 | 1,786,596 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 311,609 | 360,804 | 364,821 | R329,509 | 351,716 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 1,413,615 | 1,446,286 | 1,503,850 | 1,478,592 | 1,429,123 |
| Additions to storage | | | | | |
| Underground storage | 4,560 | 5,505 | 5,012 | 5,453 | 5,757 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 1,729,784 | 1,812,595 | 1,873,683 | R1,813,555 | 1,786,596 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E4,015 | E3,415 | E3,149 | E2,886 | E2,689 |
| Pipeline and distribution use | 6,753 | 7,276 | 7,686 | R6,140 | 5,170 |
| Plant fuel | 293 | 277 | 287 | 249 | 256 |
| Delivered to consumers | | | | | |
| Residential | 25,704 | 34,979 | 33,718 | 30,302 | 33,793 |
| Commercial | 47,496 | 55,453 | 55,100 | 52,697 | 57,061 |
| Industrial | 100,256 | 106,692 | 105,280 | 101,783 | 104,988 |
| Vehicle fuel | 44 | 49 | 70 | 78 | 83 |
| Electric power | 127,049 | 152,665 | 159,531 | R135,375 | 147,677 |
| Total delivered to consumers | 300,548 | 349,836 | 353,699 | R320,234 | 343,602 |
| Total consumption | 311,609 | 360,804 | 364,821 | R329,509 | 351,716 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 30,417 | 33,216 | 33,483 | 33,458 | 35,185 |
| Industrial | 98,839 | 105,097 | 103,589 | 100,048 | 103,312 |
| Number of consumers | | | | | |
| Residential | 553,791 | 554,502 | 557,263 | 564,639 | 567,968 |
| Commercial | 69,445 | 69,528 | 69,425 | 69,646 | 69,792 |
| Industrial | 947 | 976 | 965 | 948 | 925 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 684 | 798 | 794 | 757 | 818 |
| Industrial | 105,867 | 109,315 | 109,098 | 107,366 | 113,500 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.70 | 4.42 | 4.04 | 3.60 | 8.05 |
| Delivered to consumers | | | | | |
| Residential | 12.97 | 11.77 | 11.05 | 12.28 | 12.56 |
| Commercial | 8.34 | 7.95 | 7.68 | 7.65 | 8.48 |
| Industrial | 6.65 | 6.78 | 6.25 | 6.25 | 7.76 |
| Electric power | W | W | W | W | W |

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

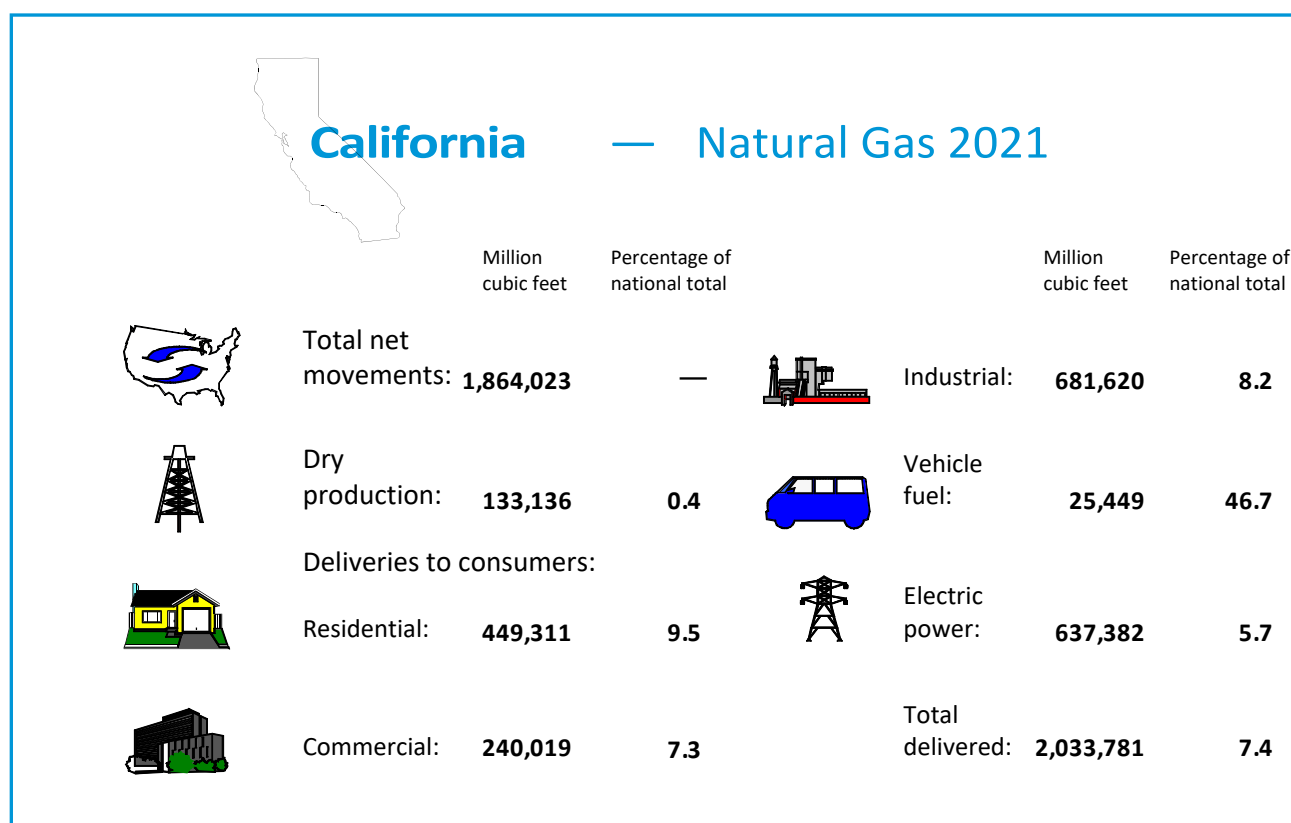


Table S5. Summary statistics for natural gas – California, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 41,835 | 45,984 | 38,831 | 28,581 | 25,191 |
| Oil wells | 58,962 | 39,959 | 45,270 | 39,528 | 35,681 |
| Coalbed wells | 0 | 2 | 1 | 1 | 1 |
| Shale gas wells | 111,662 | 116,671 | 112,721 | 102,469 | 81,237 |
| Total gross withdrawals | 212,458 | 202,617 | 196,823 | 170,579 | 142,110 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 1,506 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 1,506 |
| Dry production | | | | | |
| Marketed production | 212,458 | 202,617 | 196,823 | 170,579 | 140,604 |
| NGPL production, gaseous equivalent | 9,465 | 9,397 | 8,733 | 7,838 | 7,468 |
| Total dry production | 202,993 | 193,220 | 188,090 | 162,741 | 133,136 |
| Supply (million cubic feet) | | | | | |
| Dry production | 202,993 | 193,220 | 188,090 | 162,741 | 133,136 |
| Receipts | | | | | |
| Imports | 755 | 2,813 | 802 | 1,337 | 1,385 |
| Intransit receipts | 8,268 | 6,500 | 9,773 | 1,264 | 0 |
| Interstate receipts | 2,052,586 | 2,043,322 | 2,149,615 | 2,158,866 | 2,175,202 |
| Withdrawals from storage | | | | | |
| Underground storage | 170,349 | 201,291 | 199,313 | 149,418 | 184,290 |
| Liquefied natural gas (LNG) storage | 73 | 36 | 59 | 34 | 57 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 65,009 | 86,543 | 63,084 | 62,252 | 83,568 |
| Total supply | 2,500,032 | 2,533,723 | 2,610,735 | 2,535,911 | 2,577,638 |

See footnotes at end of table.

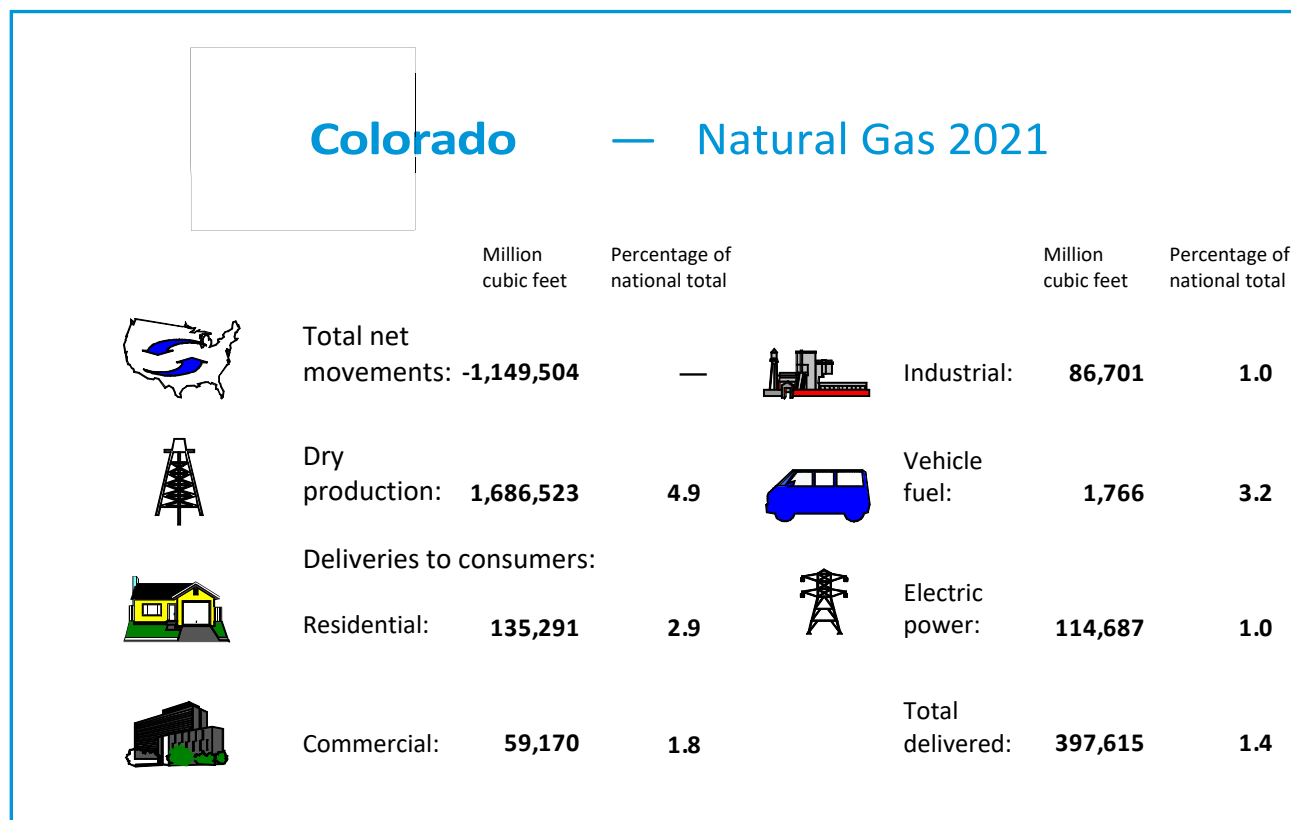
| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 2,116,902 | 2,137,920 | 2,145,776 | R2,082,352 | 2,092,612 |
| Deliveries | | | | | |
| Exports | 127,951 | 143,940 | 145,107 | 133,727 | 151,732 |
| Intransit deliveries | 0 | 0 | 0 | 17 | 0 |
| Interstate deliveries | 90,447 | 102,713 | 92,352 | 132,044 | 160,832 |
| Additions to storage | | | | | |
| Underground storage | 164,662 | 149,116 | 227,447 | 187,732 | 172,405 |
| LNG storage | 71 | 35 | 54 | 39 | 57 |
| Total disposition | 2,500,032 | 2,533,723 | 2,610,735 | R2,535,911 | 2,577,638 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 41,146 | 39,720 | 38,789 | 33,565 | 35,254 |
| Pipeline and distribution use | 19,280 | 18,866 | 22,171 | R18,936 | 21,449 |
| Plant fuel | 1,400 | 1,218 | 1,207 | 1,896 | 2,128 |
| Delivered to consumers | | | | | |
| Residential | 431,005 | 423,915 | 464,672 | 458,498 | 449,311 |
| Commercial | 237,352 | 248,012 | 255,981 | 232,642 | 240,019 |
| Industrial | 760,661 | 766,415 | 768,188 | R697,168 | 681,620 |
| Vehicle fuel | 25,070 | 25,053 | 26,427 | 23,390 | 25,449 |
| Electric power | 600,988 | 614,722 | 568,341 | R616,256 | 637,382 |
| Total delivered to consumers | 2,055,076 | 2,078,116 | 2,083,609 | R2,027,954 | 2,033,781 |
| Total consumption | 2,116,902 | 2,137,920 | 2,145,776 | R2,082,352 | 2,092,612 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 20,989 | 21,713 | 23,133 | 20,838 | 19,323 |
| Commercial | 112,875 | 120,738 | 120,640 | 115,319 | 112,124 |
| Industrial | 728,926 | 735,230 | 735,748 | R666,288 | 648,671 |
| Number of consumers | | | | | |
| Residential | 11,004,853 | 11,025,789 | 11,112,094 | 11,186,350 | 11,232,552 |
| Commercial | 446,646 | 445,408 | 447,779 | 447,120 | 444,760 |
| Industrial | 36,833 | 36,060 | 35,625 | R35,517 | 35,498 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 531 | 557 | 572 | 520 | 540 |
| Industrial | 20,652 | 21,254 | 21,563 | R19,629 | 19,202 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 3.57 | 4.71 | 3.71 | 4.12 | 13.06 |
| Exports | 3.06 | 3.19 | 2.77 | 2.47 | 4.77 |
| Citygate | 3.45 | 3.29 | 3.10 | 3.02 | 4.29 |
| Delivered to consumers | | | | | |
| Residential | 12.49 | 12.30 | 12.95 | 14.14 | 16.34 |
| Commercial | 8.76 | 8.57 | 9.41 | 9.78 | 12.04 |
| Industrial | 7.05 | 7.12 | 7.69 | 7.55 | 9.75 |
| Electric power | 3.76 | 4.63 | 3.87 | 3.36 | 5.57 |

^R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

**Table S6. Summary statistics for natural gas – Colorado, 2017-2021**

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 437,482 | 678,114 | 667,670 | 620,033 | 554,334 |
| Oil wells | 225,740 | 25,051 | 26,649 | 17,940 | 12,378 |
| Coalbed wells | 348,852 | 354,630 | 325,683 | 288,386 | 268,582 |
| Shale gas wells | 698,568 | 795,628 | 971,194 | 1,068,041 | 1,045,814 |
| Total gross withdrawals | 1,710,643 | 1,853,423 | 1,991,195 | 1,994,399 | 1,881,108 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | 4,279 | 6,021 | 4,279 | 3,937 | €1,651 |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | 4,279 | 6,021 | 4,279 | 3,937 | 1,651 |
| Dry production | | | | | |
| Marketed production | 1,706,364 | 1,847,402 | 1,986,916 | 1,990,462 | 1,879,457 |
| NGPL production, gaseous equivalent | 127,456 | 143,285 | 149,988 | €181,689 | 192,934 |
| Total dry production | 1,578,908 | 1,704,117 | 1,836,928 | €1,808,773 | 1,686,523 |
| Supply (million cubic feet) | | | | | |
| Dry production | 1,578,908 | 1,704,117 | 1,836,928 | €1,808,773 | 1,686,523 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,432,424 | 1,593,916 | 1,110,715 | 811,374 | 652,676 |
| Withdrawals from storage | | | | | |
| Underground storage | 66,532 | 71,288 | 66,101 | 63,351 | 62,647 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 4,202 | 5,126 | 5,386 | 4,759 | 3,938 |
| Balancing item | -148,446 | -135,521 | -111,464 | €-64,518 | -43,843 |
| Total supply | 2,933,620 | 3,238,927 | 2,907,666 | €2,623,740 | 2,361,941 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 438,137 | 485,735 | 513,974 | R517,554 | 497,187 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 57 | 42 |
| Interstate deliveries | 2,428,642 | 2,687,326 | 2,318,795 | 2,038,796 | 1,802,138 |
| Additions to storage | | | | | |
| Underground storage | 66,841 | 65,866 | 74,897 | 67,332 | 62,575 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 2,933,620 | 3,238,927 | 2,907,666 | R2,623,740 | 2,361,941 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E38,197 | E38,855 | E29,232 | 35,518 | E36,468 |
| Pipeline and distribution use | 7,259 | 9,408 | 10,871 | 10,175 | 8,346 |
| Plant fuel | 38,054 | 37,611 | 45,119 | 52,698 | 54,758 |
| Delivered to consumers | | | | | |
| Residential | 118,585 | 128,150 | 142,692 | 136,586 | 135,291 |
| Commercial | 52,735 | 55,887 | 61,755 | 57,282 | 59,170 |
| Industrial | 84,914 | 88,654 | 91,693 | 84,130 | 86,701 |
| Vehicle fuel | 857 | 1,276 | 1,837 | 943 | 1,766 |
| Electric power | 97,536 | 125,894 | 130,775 | R140,222 | 114,687 |
| Total delivered to consumers | 354,627 | 399,861 | 428,753 | R419,163 | 397,615 |
| Total consumption | 438,137 | 485,735 | 513,974 | R517,554 | 497,187 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 3 | 3 | 3 | 3 | 3 |
| Commercial | 3,169 | 3,301 | 3,616 | 3,273 | 3,415 |
| Industrial | 78,838 | 82,120 | 84,137 | 76,987 | 78,822 |
| Number of consumers | | | | | |
| Residential | 1,759,427 | 1,784,751 | 1,813,004 | 1,840,038 | 1,867,050 |
| Commercial | 153,312 | 153,446 | 152,220 | R152,693 | 153,435 |
| Industrial | 9,074 | 9,366 | 9,656 | 9,753 | 9,786 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 344 | 364 | 406 | 375 | 386 |
| Industrial | 9,358 | 9,466 | 9,496 | 8,626 | 8,860 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 3.90 | 3.63 | 3.38 | 2.74 | 6.81 |
| Delivered to consumers | | | | | |
| Residential | 8.08 | 7.74 | 7.77 | 7.22 | 9.10 |
| Commercial | 7.17 | 6.84 | 6.92 | 6.23 | 7.97 |
| Industrial | 5.58 | 5.28 | 5.36 | 4.95 | 7.13 |
| Electric power | W | W | W | W | W |

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

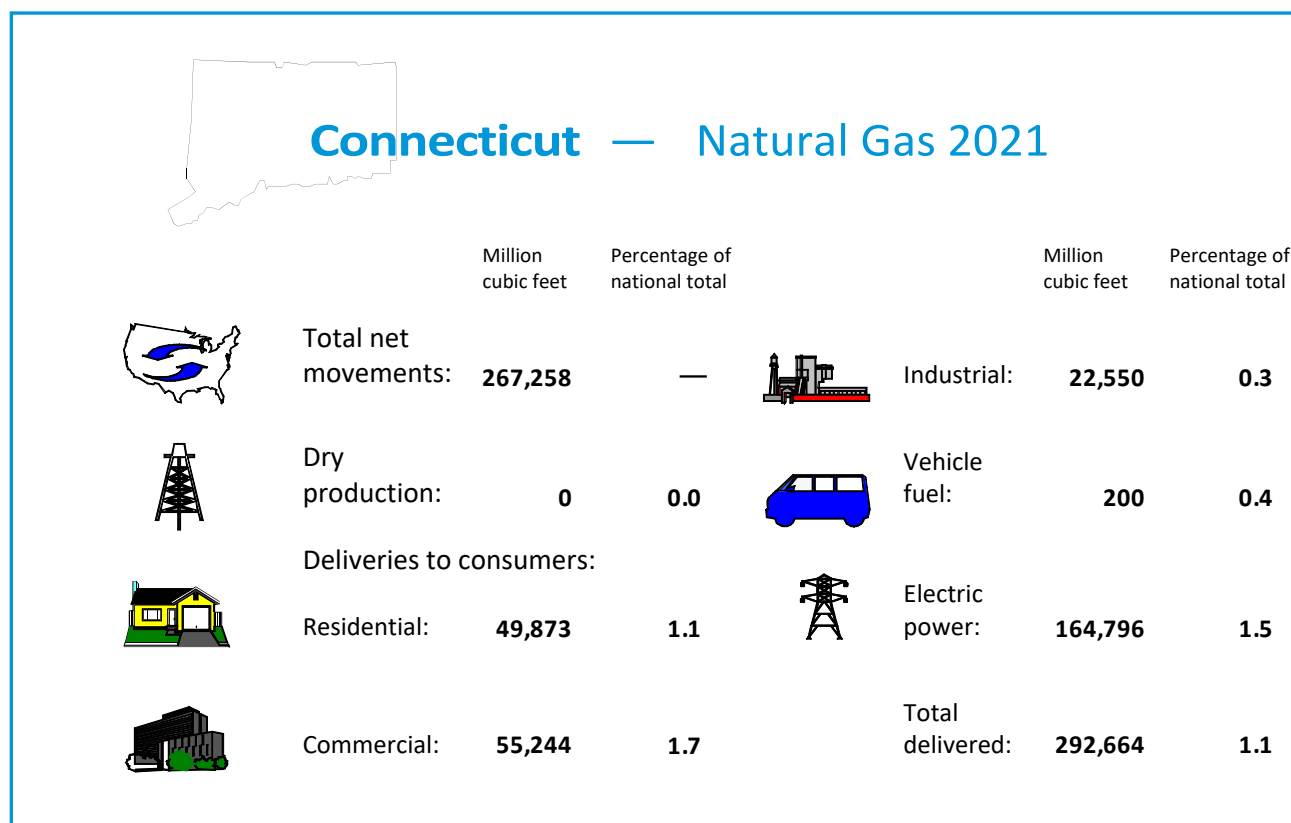


Table S7. Summary statistics for natural gas – Connecticut, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 558,581 | 620,501 | 622,173 | 621,454 | 628,055 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 1,265 | 1,019 | 898 | 598 | 568 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 2,967 | 457 | -877 | 8518 | 32,159 |
| Total supply | 562,813 | 621,977 | 622,194 | 622,571 | 660,782 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|-----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 239,818 | 277,931 | 284,610 | R288,913 | 299,497 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 322,717 | 343,260 | 336,961 | 333,087 | 360,797 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 277 | 785 | 624 | 571 | 488 |
| Total disposition | 562,813 | 621,977 | 622,194 | R622,571 | 660,782 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 5,414 | 5,792 | 6,567 | 6,641 | 6,833 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 48,431 | 53,100 | 52,228 | 48,701 | 49,873 |
| Commercial | 52,513 | 58,184 | 57,642 | 52,482 | 55,244 |
| Industrial | 24,557 | 24,562 | 24,520 | 23,019 | 22,550 |
| Vehicle fuel | 215 | 218 | 205 | 211 | 200 |
| Electric power | 108,687 | 136,075 | 143,448 | R157,861 | 164,796 |
| Total delivered to consumers | 234,404 | 272,139 | 278,042 | R282,273 | 292,664 |
| Total consumption | 239,818 | 277,931 | 284,610 | R288,913 | 299,497 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 1,858 | 1,988 | 1,947 | 1,829 | 1,846 |
| Commercial | 12,266 | 13,714 | 12,925 | 12,477 | 12,780 |
| Industrial | 12,174 | 11,833 | 11,975 | 12,069 | 11,622 |
| Number of consumers | | | | | |
| Residential | 549,632 | 556,724 | 567,082 | 576,971 | 584,002 |
| Commercial | 59,027 | 59,462 | 61,988 | 62,178 | 63,134 |
| Industrial | 3,599 | 3,235 | 3,181 | 3,111 | 2,964 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 890 | 979 | 930 | 844 | 875 |
| Industrial | 6,823 | 7,593 | 7,708 | 7,399 | 7,608 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.44 | 5.55 | 5.36 | 4.93 | 6.09 |
| Delivered to consumers | | | | | |
| Residential | 13.95 | 13.92 | 14.61 | 14.68 | 16.06 |
| Commercial | 9.30 | 9.23 | 9.75 | 9.38 | 10.65 |
| Industrial | 6.48 | 6.55 | 6.82 | 6.25 | 7.63 |
| Electric power | 4.36 | 4.80 | 3.61 | R2.48 | 4.83 |

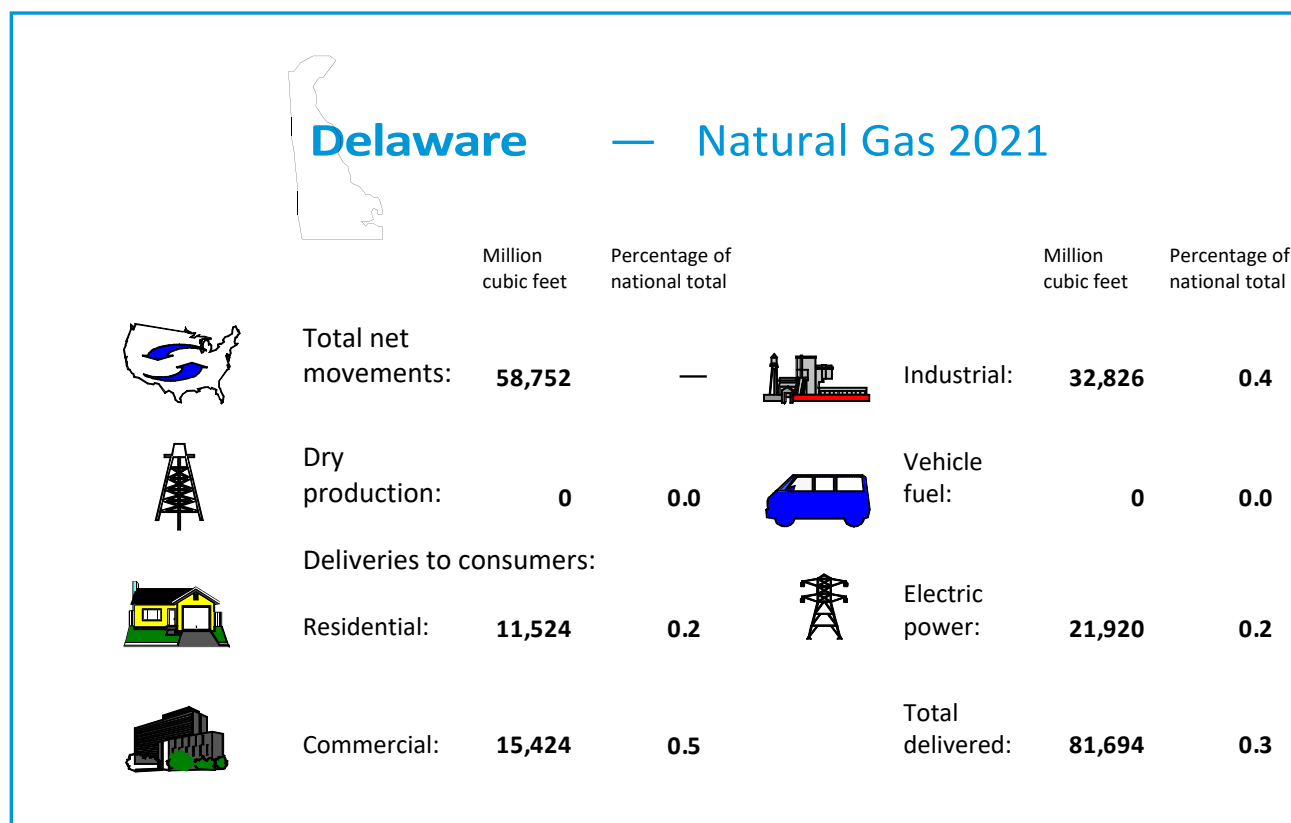
-- Not applicable.

^R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

**Table S8. Summary statistics for natural gas – Delaware, 2017-2021**

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|---------------|----------------|---------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 74,701 | 68,692 | 69,985 | 68,691 | 65,623 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 90 | 133 | 261 | 67 | 69 |
| Supplemental gas supplies | 2 | 16 | 4 | * | * |
| Balancing item | 30,114 | 32,439 | 26,627 | R29,220 | 23,625 |
| Total supply | 104,908 | 101,279 | 96,877 | R97,978 | 89,317 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|---------------|----------------|---------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 98,966 | 95,516 | 89,767 | R90,481 | 82,382 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 5,863 | 5,693 | 7,067 | 7,384 | 6,871 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 79 | 71 | 43 | 114 | 64 |
| Total disposition | 104,908 | 101,279 | 96,877 | R97,978 | 89,317 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 868 | 735 | 565 | 579 | 689 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 9,896 | 12,076 | 11,643 | 10,851 | 11,524 |
| Commercial | 13,380 | 15,593 | 15,590 | 14,788 | 15,424 |
| Industrial | 29,860 | 30,783 | 33,865 | 34,896 | 32,826 |
| Vehicle fuel | 1 | 1 | 2 | 6 | 0 |
| Electric power | 44,961 | 36,328 | 28,101 | R29,361 | 21,920 |
| Total delivered to consumers | 98,098 | 94,781 | 89,202 | R89,902 | 81,694 |
| Total consumption | 98,966 | 95,516 | 89,767 | R90,481 | 82,382 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 8,560 | 9,945 | 10,018 | 9,882 | 10,238 |
| Industrial | 29,759 | 30,671 | 33,751 | 34,789 | 32,753 |
| Number of consumers | | | | | |
| Residential | 172,064 | 176,414 | 180,758 | 185,217 | 190,281 |
| Commercial | 14,000 | 14,255 | 14,343 | 14,420 | 14,437 |
| Industrial | 135 | 134 | 151 | 137 | 130 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 956 | 1,094 | 1,087 | 1,026 | 1,068 |
| Industrial | 221,187 | 229,727 | 224,271 | 254,712 | 252,507 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 5.60 | 5.59 | 5.71 | 5.38 | 5.98 |
| Delivered to consumers | | | | | |
| Residential | 12.84 | 12.60 | 12.10 | 12.95 | 13.14 |
| Commercial | 10.37 | 10.49 | 10.04 | 10.78 | 10.81 |
| Industrial | 9.91 | 10.07 | 9.67 | 10.78 | 11.59 |
| Electric power | W | W | W | W | W |

* Volume is less than 500,000 cubic feet.

-- Not applicable.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

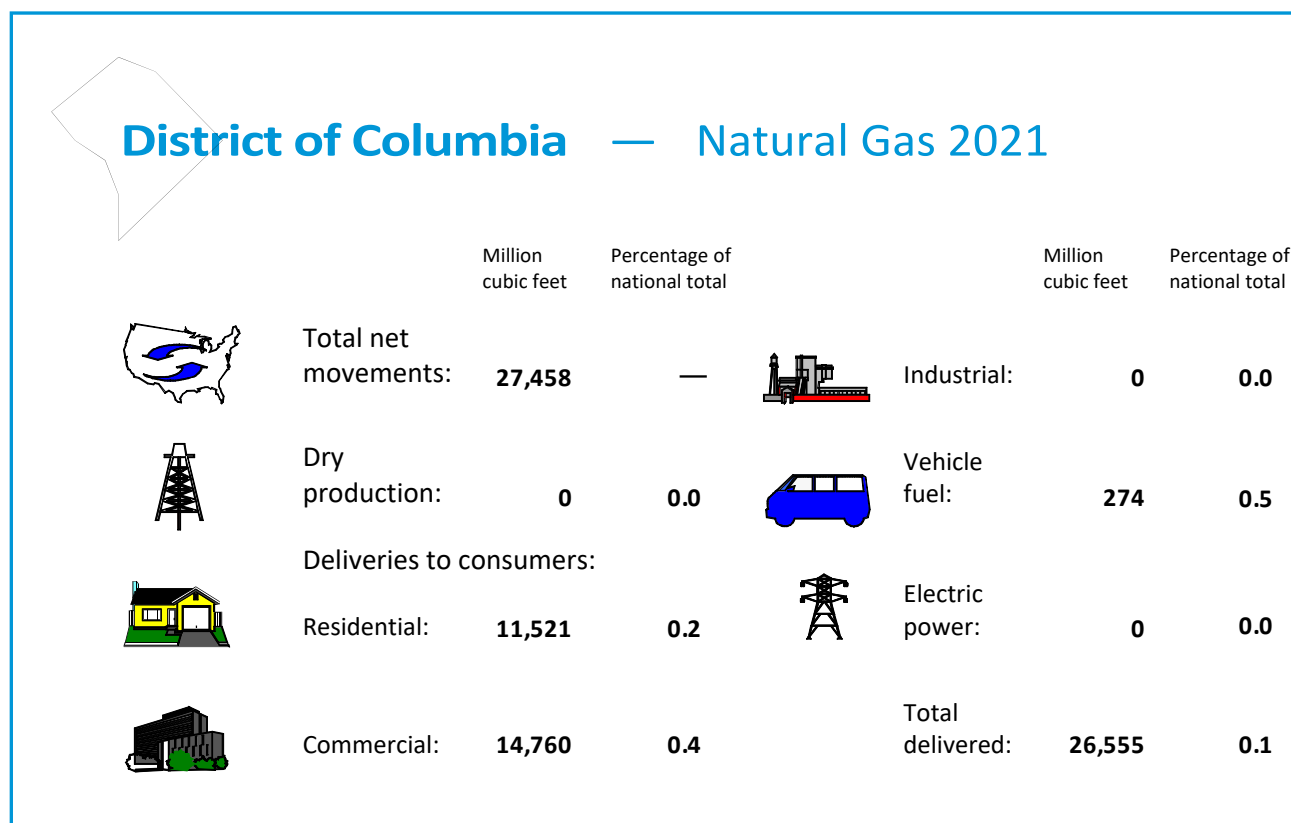


Table S9. Summary statistics for natural gas – District of Columbia, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|---------------|---------------|---------------|---------------|---------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 29,451 | 31,477 | 30,534 | 27,090 | 27,458 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 6 | 13 | 0 | 0 | 0 |
| Total supply | 29,457 | 31,490 | 30,534 | 27,090 | 27,458 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|---------------|---------------|---------------|---------------|---------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 29,457 | 31,490 | 30,534 | 27,090 | 27,458 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 0 | 0 | 0 | 0 | 0 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 29,457 | 31,490 | 30,534 | 27,090 | 27,458 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 1,126 | 1,317 | 1,898 | 561 | 902 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 11,904 | 13,112 | 12,065 | 11,236 | 11,521 |
| Commercial | 16,040 | 16,621 | 16,125 | 15,072 | 14,760 |
| Industrial | 0 | 0 | 0 | 0 | 0 |
| Vehicle fuel | 388 | 439 | 446 | 221 | 274 |
| Electric power | -- | -- | -- | -- | -- |
| Total delivered to consumers | 28,331 | 30,172 | 28,636 | 26,529 | 26,555 |
| Total consumption | 29,457 | 31,490 | 30,534 | 27,090 | 27,458 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 3,106 | 3,200 | 2,953 | 2,933 | 2,942 |
| Commercial | 12,819 | 13,014 | 12,779 | 12,296 | 11,731 |
| Industrial | 0 | 0 | 0 | 0 | 0 |
| Number of consumers | | | | | |
| Residential | 151,125 | 153,691 | 154,375 | 155,294 | 155,091 |
| Commercial | 9,945 | 9,978 | 9,986 | 9,952 | 9,913 |
| Industrial | 0 | 0 | 0 | 0 | 0 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 1,613 | 1,666 | 1,615 | 1,514 | 1,489 |
| Industrial | 0 | 0 | 0 | 0 | 0 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | -- | -- | -- | -- | -- |
| Delivered to consumers | | | | | |
| Residential | 12.53 | 11.78 | 12.81 | 11.92 | 14.29 |
| Commercial | 10.87 | 10.42 | 11.23 | 10.58 | 12.89 |
| Industrial | -- | -- | -- | -- | -- |
| Electric power | -- | -- | -- | -- | -- |

-- Not applicable.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles* (2017); state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

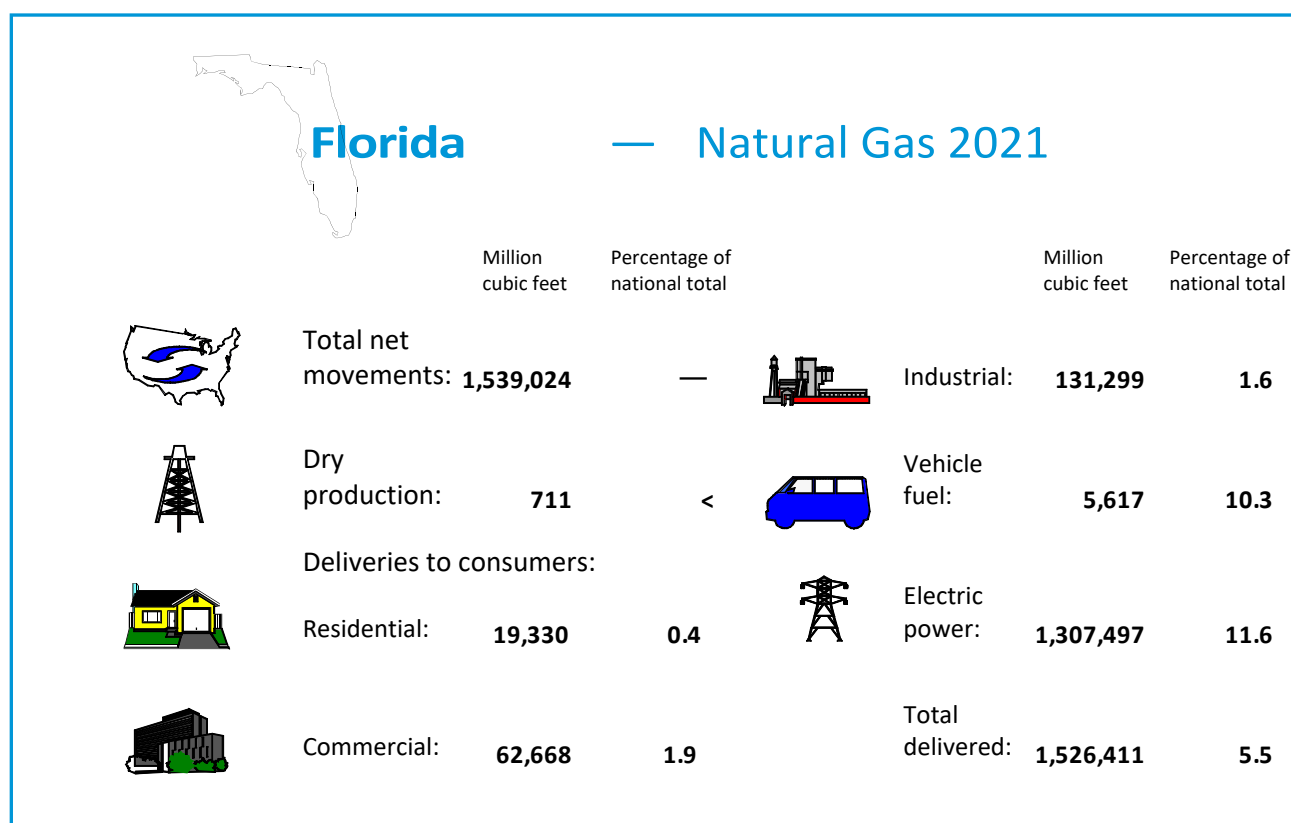


Table S10. Summary statistics for natural gas – Florida, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 19 | 7 | 2 | 4 | 15 |
| Oil wells | 14,851 | 15,417 | 5,451 | 6,019 | 8,979 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 14,870 | 15,424 | 5,453 | 6,023 | 8,994 |
| Non-marketed disposition | | | | | |
| Repressuring | 14,162 | 14,636 | 4,599 | 5,325 | 8,106 |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | 14,162 | 14,636 | 4,599 | 5,325 | 8,106 |
| Dry production | | | | | |
| Marketed production | 708 | 788 | 854 | 698 | 888 |
| NGPL production, gaseous equivalent | 208 | 212 | 290 | 217 | 177 |
| Total dry production | 500 | 576 | 564 | 481 | 711 |
| Supply (million cubic feet) | | | | | |
| Dry production | 500 | 576 | 564 | 481 | 711 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,402,427 | 1,486,467 | 1,548,109 | 1,595,516 | 1,540,172 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -14,766 | -9,569 | -5,456 | R-16,984 | 1,677 |
| Total supply | 1,388,161 | 1,477,473 | 1,543,217 | R1,579,012 | 1,542,560 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 1,387,960 | 1,477,160 | 1,542,785 | R1,578,391 | 1,541,411 |
| Deliveries | | | | | |
| Exports | 201 | 311 | 409 | 616 | 1,149 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 0 | 2 | 24 | 5 | 0 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 1,388,161 | 1,477,473 | 1,543,217 | R1,579,012 | 1,542,560 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | NA | NA | NA | 0 | NA |
| Pipeline and distribution use | 17,456 | 16,817 | 16,768 | R16,222 | 14,767 |
| Plant fuel | 228 | 253 | 261 | 205 | 233 |
| Delivered to consumers | | | | | |
| Residential | 14,934 | 17,092 | 16,632 | 17,326 | 19,330 |
| Commercial | 61,313 | 63,805 | 63,406 | R57,325 | 62,668 |
| Industrial | 103,417 | 108,071 | 119,683 | R122,926 | 131,299 |
| Vehicle fuel | 3,700 | 4,299 | 4,964 | 5,236 | 5,617 |
| Electric power | 1,186,911 | 1,266,822 | 1,321,071 | R1,359,151 | 1,307,497 |
| Total delivered to consumers | 1,370,275 | 1,460,090 | 1,525,755 | R1,561,964 | 1,526,411 |
| Total consumption | 1,387,960 | 1,477,160 | 1,542,785 | R1,578,391 | 1,541,411 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 1,295 | 1,419 | 1,447 | 1,372 | 1,514 |
| Commercial | 42,665 | 44,676 | 44,886 | 40,638 | 43,889 |
| Industrial | 99,898 | 104,305 | 115,751 | 118,683 | 127,364 |
| Number of consumers | | | | | |
| Residential | 739,730 | 759,925 | 785,502 | 814,864 | 840,152 |
| Commercial | 68,229 | 69,143 | 70,734 | 71,725 | 72,190 |
| Industrial | 473 | 491 | 504 | R515 | 496 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 899 | 923 | 896 | R799 | 868 |
| Industrial | 218,641 | 220,104 | 237,466 | R238,692 | 264,716 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | 10.40 | 10.39 | 10.39 | 10.39 | 10.40 |
| Citygate | 5.77 | 6.88 | 7.22 | 7.09 | 7.52 |
| Delivered to consumers | | | | | |
| Residential | 21.15 | 21.34 | 21.66 | 21.38 | 22.90 |
| Commercial | 10.97 | 11.20 | 11.46 | R11.47 | 12.09 |
| Industrial | 6.17 | 6.38 | 6.16 | R5.55 | 6.40 |
| Electric power | 4.29 | W | 3.80 | W | W |

-- Not applicable.

< Percentage is less than 0.05%.

^E Estimated data.

^{NA} Not available.

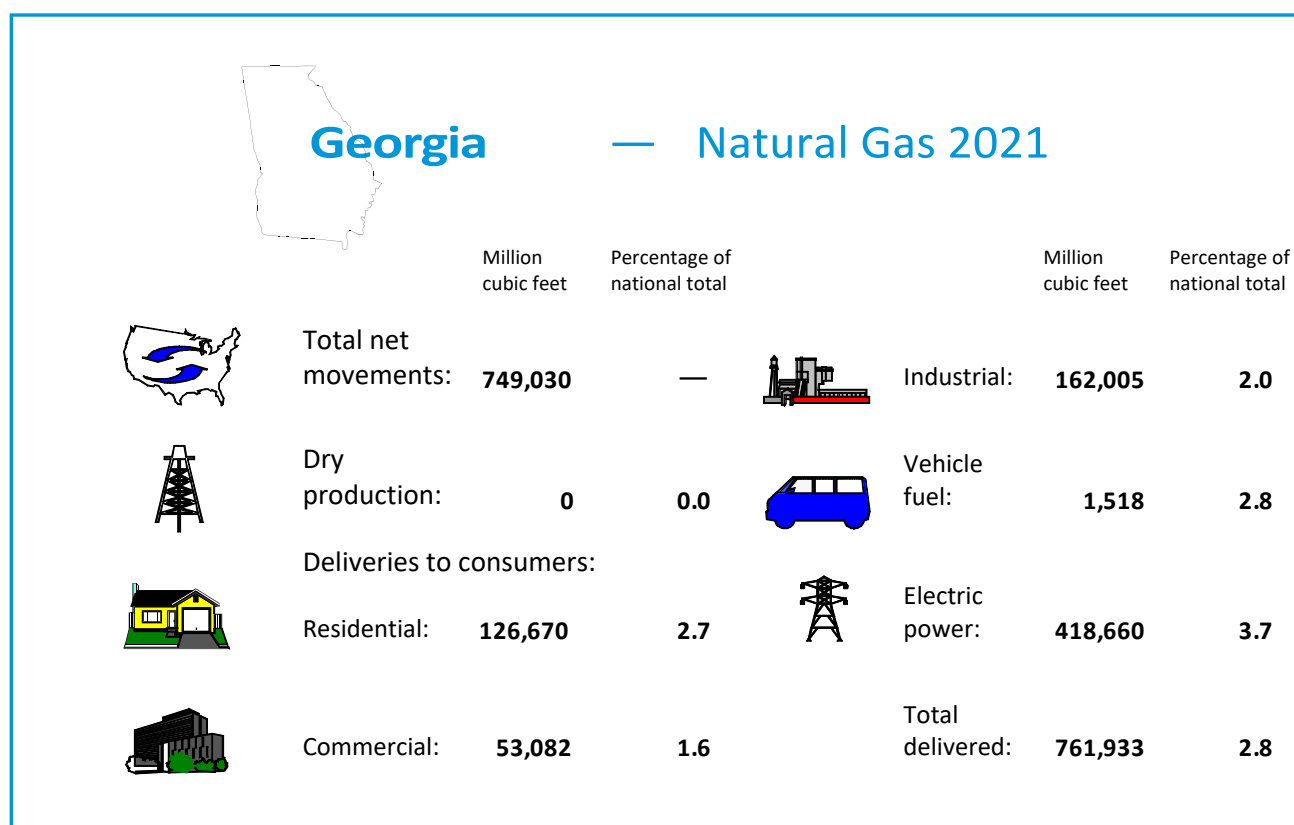
^R Revised data.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Gross withdrawal volumes in Florida fluctuate year to year because nonhydrocarbon gases are occasionally included in gross withdrawals. Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

**Table S11. Summary statistics for natural gas – Georgia, 2017-2021**

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 6,514 | 14,500 | 5,648 | 2,693 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,427,415 | 1,696,521 | 1,581,944 | 1,609,025 | 1,693,554 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 1,193 | 3,487 | 1,042 | 810 | 1,185 |
| Supplemental gas supplies | 500 | 460 | 437 | 405 | 383 |
| Balancing item | 5,806 | 7,887 | 5,441 | RS,852 | 20,960 |
| Total supply | 1,441,429 | 1,722,855 | 1,594,511 | RS,618,786 | 1,716,082 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 689,501 | 738,986 | 767,401 | R757,782 | 768,305 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 3,400 | 36,277 | 84,442 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 746,401 | 976,877 | 820,824 | 822,277 | 860,082 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 5,527 | 6,992 | 2,886 | 2,451 | 3,253 |
| Total disposition | 1,441,429 | 1,722,855 | 1,594,511 | R1,618,786 | 1,716,082 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 6,794 | 15,239 | 5,691 | R5,911 | 6,372 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 111,249 | 133,085 | 123,169 | R119,792 | 126,670 |
| Commercial | 49,193 | 56,539 | 53,611 | R50,471 | 53,082 |
| Industrial | 150,172 | 158,445 | 155,992 | R153,342 | 162,005 |
| Vehicle fuel | 2,019 | 2,031 | 1,795 | 1,588 | 1,518 |
| Electric power | 370,073 | 373,647 | 427,142 | R426,677 | 418,660 |
| Total delivered to consumers | 682,707 | 723,747 | 761,710 | R751,871 | 761,933 |
| Total consumption | 689,501 | 738,986 | 767,401 | R757,782 | 768,305 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 97,696 | 115,776 | 107,253 | 104,450 | 109,756 |
| Commercial | 38,536 | 44,296 | 41,734 | 39,981 | 41,668 |
| Industrial | 111,600 | 118,633 | 116,678 | 117,998 | 126,452 |
| Number of consumers | | | | | |
| Residential | 1,804,749 | 1,827,473 | 1,842,099 | R1,864,109 | 1,881,936 |
| Commercial | 124,314 | 125,741 | 126,480 | R125,698 | 126,651 |
| Industrial | 2,577 | 2,575 | 2,432 | R2,763 | 2,772 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 396 | 450 | 424 | R402 | 419 |
| Industrial | 58,274 | 61,532 | 64,142 | R55,498 | 58,443 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 3.28 | 4.41 | 4.78 | 1.84 | -- |
| Exports | -- | -- | W | 6.78 | 7.38 |
| Citygate | 4.15 | 4.02 | 3.78 | 3.26 | 4.69 |
| Delivered to consumers | | | | | |
| Residential | 16.93 | 13.98 | 14.88 | 15.45 | 15.91 |
| Commercial | 8.78 | 8.17 | 8.21 | R7.69 | 8.59 |
| Industrial | 4.65 | 4.63 | 4.23 | R3.85 | 5.44 |
| Electric power | 3.58 | 4.01 | 2.95 | R2.39 | W |

-- Not applicable.

^R Revised data.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-910, *Monthly Natural Gas Marketer Survey*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

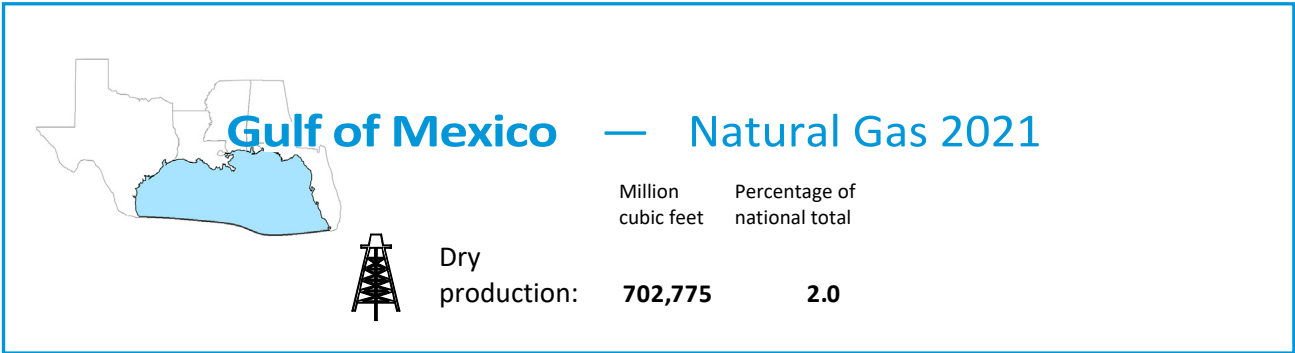
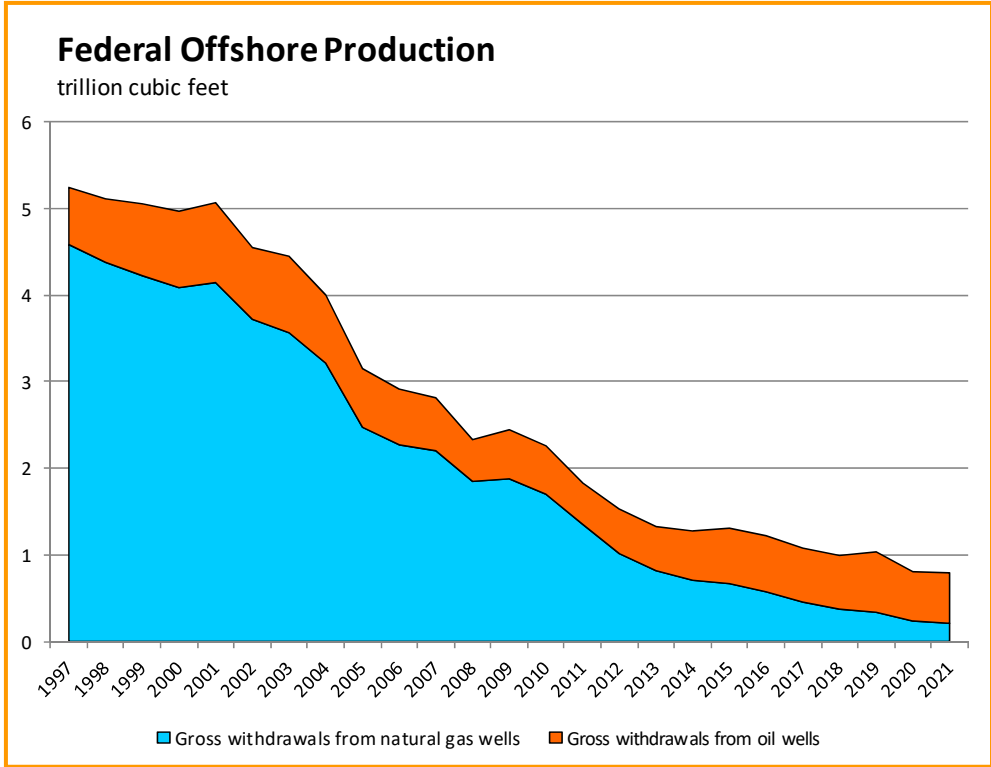


Table S12. Summary statistics for natural gas – Gulf of Mexico, 2017-2021



| | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|------------------|----------------|------------------|----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 454,672 | 372,429 | 336,890 | 235,876 | 209,779 |
| Oil wells | 623,547 | 620,276 | 697,149 | 569,134 | 582,204 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 1,078,218 | 992,704 | 1,034,038 | 805,010 | 791,983 |
| Non-marketed disposition | | | | | |
| Repressuring | 4,033 | 3,909 | 4,296 | 3,365 | 1,763 |
| Vented and flared | 13,733 | 13,932 | 14,399 | 12,382 | 9,749 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 17,766 | 17,842 | 18,695 | 15,748 | 11,512 |
| Dry production | | | | | |
| Marketed production | 1,060,452 | 974,863 | 1,015,343 | 789,262 | 780,471 |
| NGPL production, gaseous equivalent | 86,172 | 85,865 | 85,962 | 74,694 | 77,696 |
| Total dry production | 974,281 | 888,998 | 929,381 | 714,568 | 702,775 |
| Supply (million cubic feet) | | | | | |
| Dry production | 974,281 | 888,998 | 929,381 | 714,568 | 702,775 |
| Balancing item | 2,118 | 101,172 | 63,908 | 85,110 | 9,668 |
| Total supply | 976,398 | 990,170 | 993,289 | 719,678 | 712,443 |
| Disposition (million cubic feet) | | | | | |
| Consumption | 94,379 | 93,676 | 94,125 | 76,198 | 77,472 |
| Deliveries at U.S. borders | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 882,019 | 896,494 | 899,164 | 864,381 | 634,971 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 976,398 | 990,170 | 993,289 | 719,678 | 712,443 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 94,379 | 93,676 | 94,125 | 76,198 | 77,472 |
| Total delivered to consumers | 0 | 0 | 0 | 0 | 0 |
| Total consumption | 94,379 | 93,676 | 94,125 | 76,198 | 77,472 |

^R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles* (2017); state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

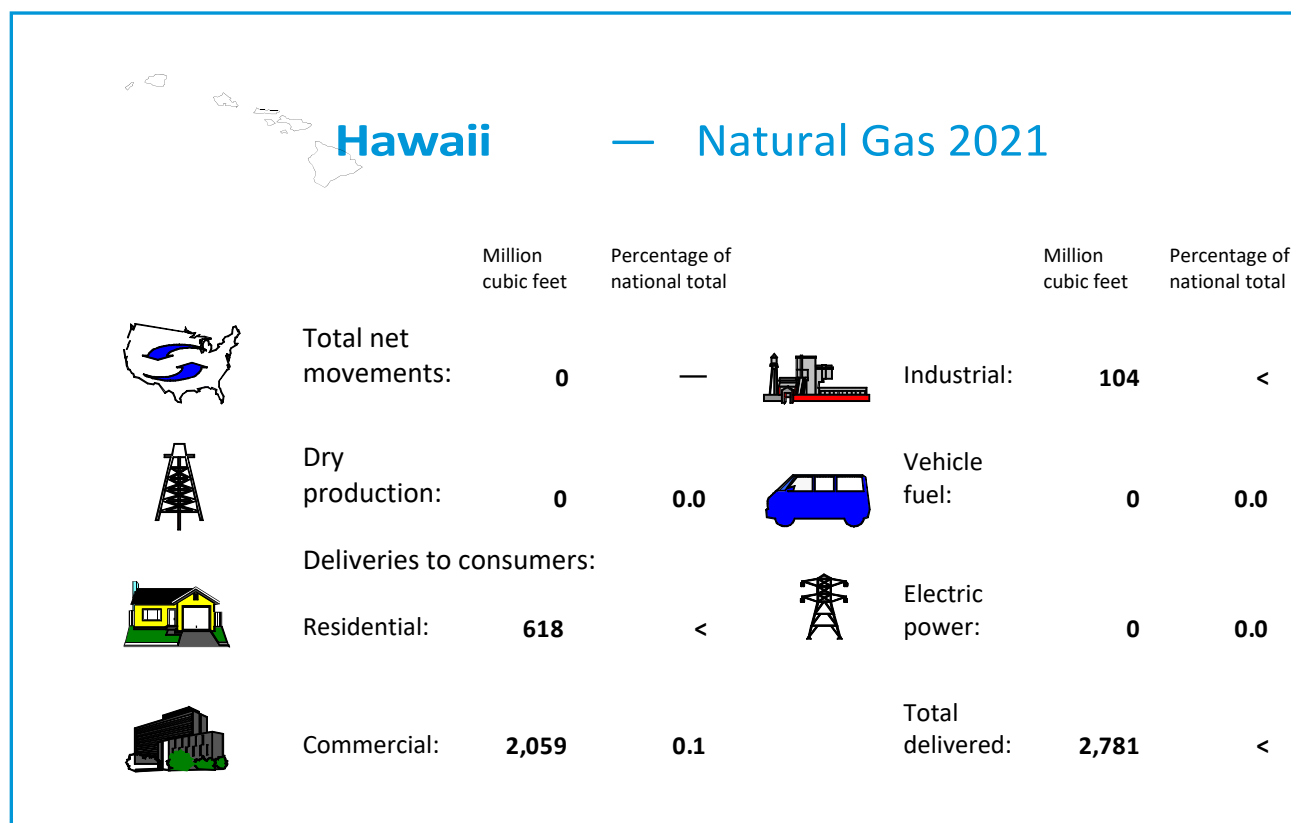


Table S13. Summary statistics for natural gas – Hawaii, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|--------------|--------------|--------------|--------------|--------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 7 | 17 | 12 | 0 | 0 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 2,938 | 3,083 | 3,038 | 2,205 | 2,639 |
| Balancing item | 160 | 182 | 228 | 207 | 145 |
| Total supply | 3,106 | 3,282 | 3,277 | 2,413 | 2,783 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|--------------|--------------|--------------|--------------|--------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 3,106 | 3,282 | 3,277 | 2,413 | 2,783 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 0 | 0 | 0 | 0 | 0 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 3,106 | 3,282 | 3,277 | 2,413 | 2,783 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 2 | 2 | * | 1 | 2 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 572 | 590 | 576 | 603 | 618 |
| Commercial | 2,446 | 2,601 | 2,608 | 1,730 | 2,059 |
| Industrial | 85 | 90 | 94 | 80 | 104 |
| Vehicle fuel | 0 | 0 | 0 | 0 | 0 |
| Electric power | -- | -- | -- | -- | -- |
| Total delivered to consumers | 3,104 | 3,280 | 3,277 | 2,412 | 2,781 |
| Total consumption | 3,106 | 3,282 | 3,277 | 2,413 | 2,783 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 0 | 0 | 0 | 0 | 0 |
| Industrial | 0 | 0 | 0 | 0 | 0 |
| Number of consumers | | | | | |
| Residential | 28,918 | 28,890 | 28,906 | 28,991 | 29,059 |
| Commercial | 2,919 | 2,941 | 2,977 | 2,957 | 2,936 |
| Industrial | 6 | 7 | 7 | 6 | 5 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 838 | 884 | 876 | 585 | 701 |
| Industrial | 14,216 | 12,824 | 13,359 | 13,259 | 20,861 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 16.62 | 19.63 | 17.75 | 12.20 | 21.46 |
| Delivered to consumers | | | | | |
| Residential | 38.88 | 43.48 | 44.14 | 37.75 | 46.99 |
| Commercial | 27.41 | 30.96 | 30.26 | 26.56 | 34.51 |
| Industrial | 19.62 | 22.62 | 22.93 | 20.54 | 25.10 |
| Electric power | -- | -- | -- | -- | -- |

* Volume is less than 500,000 cubic feet.

-- Not applicable.

< Percentage is less than 0.05%.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2016-2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

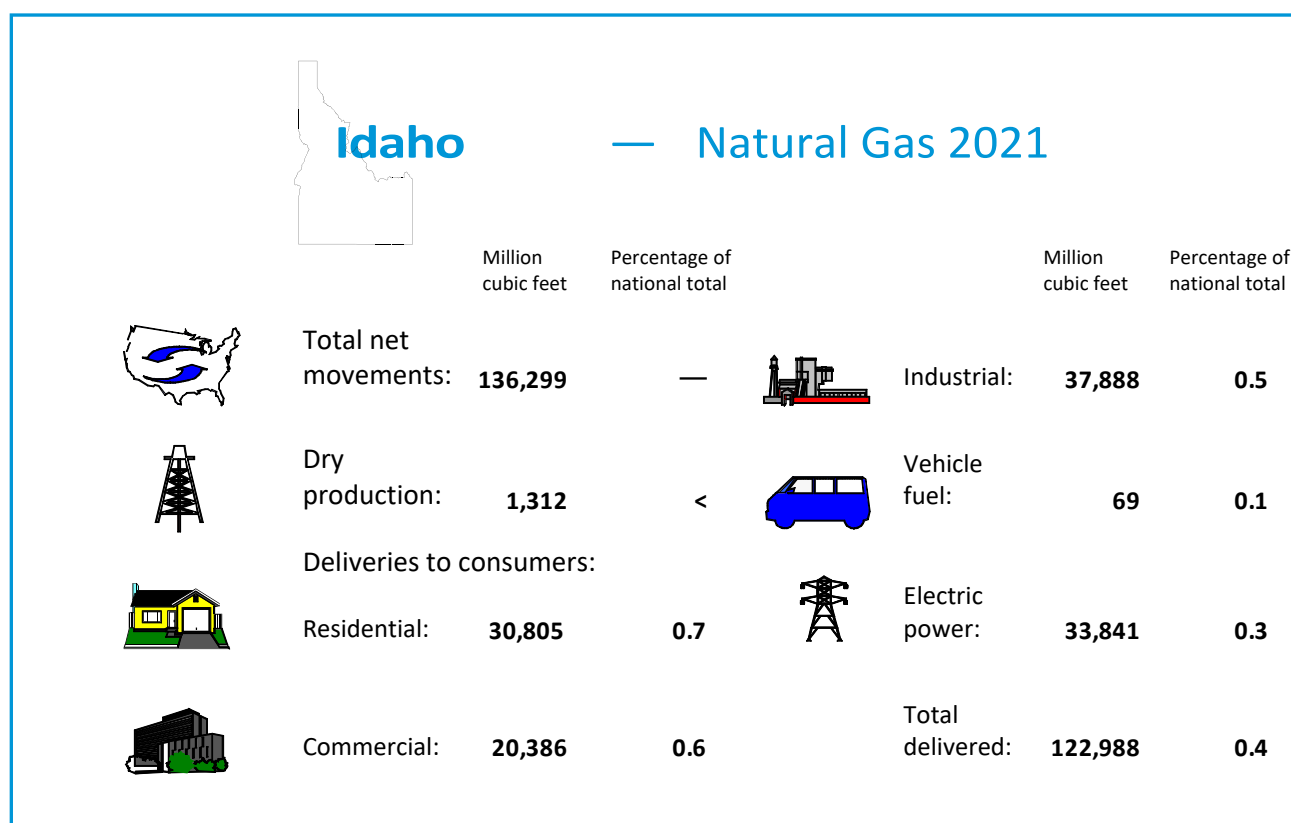


Table S14. Summary statistics for natural gas – Idaho, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 3,791 | 1,867 | 1,033 | 108 | 1,331 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 3,791 | 1,867 | 1,033 | 108 | 1,331 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 7 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 7 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 3,791 | 1,860 | 1,033 | 108 | 1,331 |
| NGPL production, gaseous equivalent | 146 | 114 | 47 | 1 | 19 |
| Total dry production | 3,645 | 1,746 | 986 | 107 | 1,312 |
| Supply (million cubic feet) | | | | | |
| Dry production | 3,645 | 1,746 | 986 | 107 | 1,312 |
| Receipts | | | | | |
| Imports | 760,451 | 822,536 | 808,167 | 845,341 | 853,300 |
| Intransit receipts | 0 | 0 | 10,206 | 0 | 0 |
| Interstate receipts | 119,368 | 114,970 | 149,342 | 134,255 | 126,918 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 120 | 117 | 124 | 121 | 187 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -4,554 | -13,553 | -3,929 | -9,108 | -8,580 |
| Total supply | 879,029 | 925,815 | 964,896 | 970,716 | 973,136 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|-----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 111,334 | 111,700 | 129,376 | R126,207 | 129,212 |
| Deliveries | | | | | |
| Exports | 0 | 29 | 0 | 1,560 | 4 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 767,098 | 813,677 | 834,660 | 842,399 | 843,916 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 597 | 409 | 861 | 551 | 5 |
| Total disposition | 879,029 | 925,815 | 964,896 | R970,716 | 973,136 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | £1 | £5 | £27 | 5 | 21 |
| Pipeline and distribution use | 5,868 | 6,543 | 7,464 | 6,595 | 6,203 |
| Plant fuel | 59 | 52 | 47 | 6 | 0 |
| Delivered to consumers | | | | | |
| Residential | 28,799 | 27,487 | 30,803 | 30,668 | 30,805 |
| Commercial | 19,777 | 19,113 | 20,971 | 20,001 | 20,386 |
| Industrial | 35,856 | 34,761 | 38,598 | 38,390 | 37,888 |
| Vehicle fuel | 50 | 56 | 57 | 52 | 69 |
| Electric power | 20,924 | 23,683 | 31,409 | R30,491 | 33,841 |
| Total delivered to consumers | 105,406 | 105,100 | 121,838 | R119,602 | 122,988 |
| Total consumption | 111,334 | 111,700 | 129,376 | R126,207 | 129,212 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 4,573 | 4,541 | 4,891 | 4,659 | 4,790 |
| Industrial | 34,870 | 33,769 | 37,464 | 37,138 | 36,559 |
| Number of consumers | | | | | |
| Residential | 391,085 | 402,563 | 415,106 | 428,374 | 441,607 |
| Commercial | 41,722 | 42,262 | 43,039 | 43,774 | 44,491 |
| Industrial | 182 | 185 | 368 | 383 | 378 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 474 | 452 | 487 | 457 | 458 |
| Industrial | 197,011 | 187,895 | 104,886 | 100,234 | 100,233 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 2.10 | 1.75 | 1.93 | 1.90 | 3.27 |
| Exports | -- | 1.60 | -- | 1.76 | 2.53 |
| Citygate | 2.90 | 2.44 | 2.46 | 2.37 | 2.66 |
| Delivered to consumers | | | | | |
| Residential | 7.65 | 7.11 | 6.50 | 6.73 | 7.00 |
| Commercial | 6.62 | 6.03 | 5.44 | 5.59 | 5.90 |
| Industrial | 4.44 | 3.98 | 3.60 | 3.67 | 3.88 |
| Electric power | 3.33 | 3.59 | 4.09 | R2.68 | 4.35 |

– Not applicable.

£ Percentage is less than 0.05%.

£ Estimated data.

R Revised data.

* Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

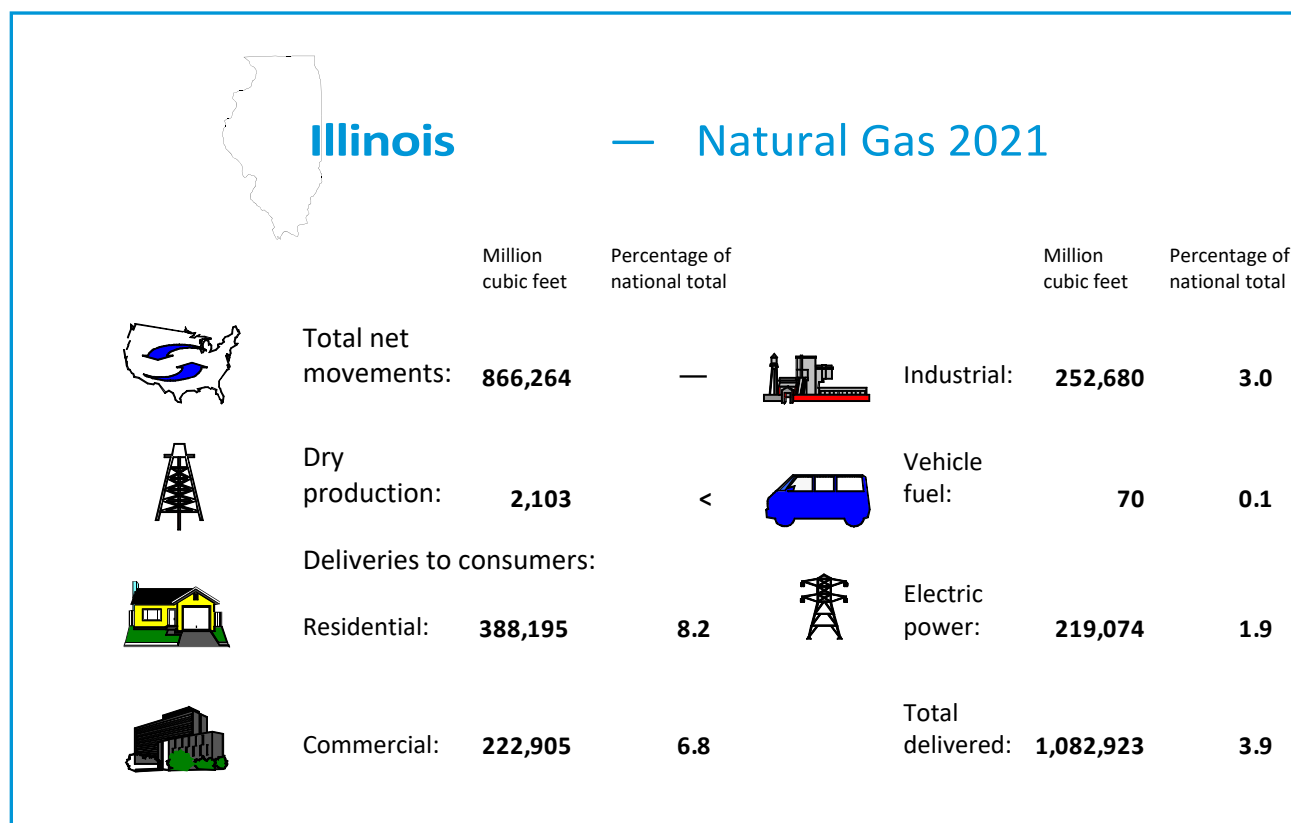


Table S15. Summary statistics for natural gas – Illinois, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 2,131 | 2,464 | 2,150 | 1,843 | 2,131 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 2,131 | 2,464 | 2,150 | 1,843 | 2,131 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | €2,131 | €2,464 | €2,150 | €1,843 | €2,131 |
| NGPL production, gaseous equivalent | 42 | 39 | 38 | 28 | 28 |
| Total dry production | 2,089 | 2,425 | 2,112 | 1,815 | 2,103 |
| Supply (million cubic feet) | | | | | |
| Dry production | 2,089 | 2,425 | 2,112 | 1,815 | 2,103 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 2,517,974 | 2,610,048 | 2,451,998 | 2,086,252 | 1,898,100 |
| Withdrawals from storage | | | | | |
| Underground storage | 243,975 | 244,708 | 239,138 | 236,053 | 232,691 |
| Liquefied natural gas (LNG) storage | 628 | 405 | 601 | 330 | 852 |
| Supplemental gas supplies | 2 | 2 | 5 | 1,245 | 1,287 |
| Balancing item | 171,094 | 207,223 | 204,356 | €209,796 | 235,782 |
| Total supply | 2,935,761 | 3,064,811 | 2,898,211 | €2,535,490 | 2,370,815 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 1,017,772 | 1,108,592 | 1,153,918 | 1,131,143 | 1,107,811 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 1,682,166 | 1,707,525 | 1,487,342 | 1,163,911 | 1,031,836 |
| Additions to storage | | | | | |
| Underground storage | 235,564 | 248,114 | 256,390 | 240,000 | 230,330 |
| LNG storage | 260 | 580 | 560 | 437 | 837 |
| Total disposition | 2,935,761 | 3,064,811 | 2,898,211 | 2,535,490 | 2,370,815 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 92 | 106 | 92 | 79 | 92 |
| Pipeline and distribution use | 22,435 | 26,207 | 28,637 | 21,029 | 18,995 |
| Plant fuel | 624 | 643 | 646 | 5,448 | 5,801 |
| Delivered to consumers | | | | | |
| Residential | 377,511 | 438,218 | 438,124 | 395,633 | 388,195 |
| Commercial | 215,915 | 241,974 | 247,358 | 215,352 | 222,905 |
| Industrial | 258,867 | 262,261 | 268,489 | 259,816 | 252,680 |
| Vehicle fuel | 186 | 135 | 126 | 99 | 70 |
| Electric power | 142,141 | 139,048 | 170,447 | 233,686 | 219,074 |
| Total delivered to consumers | 994,620 | 1,081,636 | 1,124,543 | 1,104,587 | 1,082,923 |
| Total consumption | 1,017,772 | 1,108,592 | 1,153,918 | 1,131,143 | 1,107,811 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 49,744 | 57,561 | 54,632 | 46,604 | 41,899 |
| Commercial | 142,396 | 157,378 | 160,147 | 141,397 | 147,015 |
| Industrial | 243,385 | 245,701 | 250,109 | 240,724 | 235,281 |
| Number of consumers | | | | | |
| Residential | 3,903,569 | 3,923,751 | 3,940,659 | 3,958,170 | 3,973,048 |
| Commercial | 296,633 | 298,765 | 299,897 | 299,411 | 298,478 |
| Industrial | 22,975 | 22,933 | 22,914 | 23,016 | 22,963 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 728 | 810 | 825 | 719 | 747 |
| Industrial | 11,267 | 11,436 | 11,717 | 11,288 | 11,004 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 3.76 | 3.69 | 3.18 | 2.87 | 6.56 |
| Delivered to consumers | | | | | |
| Residential | 8.83 | 8.15 | 8.04 | 7.94 | 10.51 |
| Commercial | 7.78 | 7.24 | 7.02 | 6.84 | 9.10 |
| Industrial | 5.76 | 5.55 | 5.17 | 4.26 | 7.57 |
| Electric power | 3.32 | 3.46 | W | W | W |

-- Not applicable.

< Percentage is less than 0.05%.

^E Estimated data.

^{NA} Not available.

^R Revised data.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

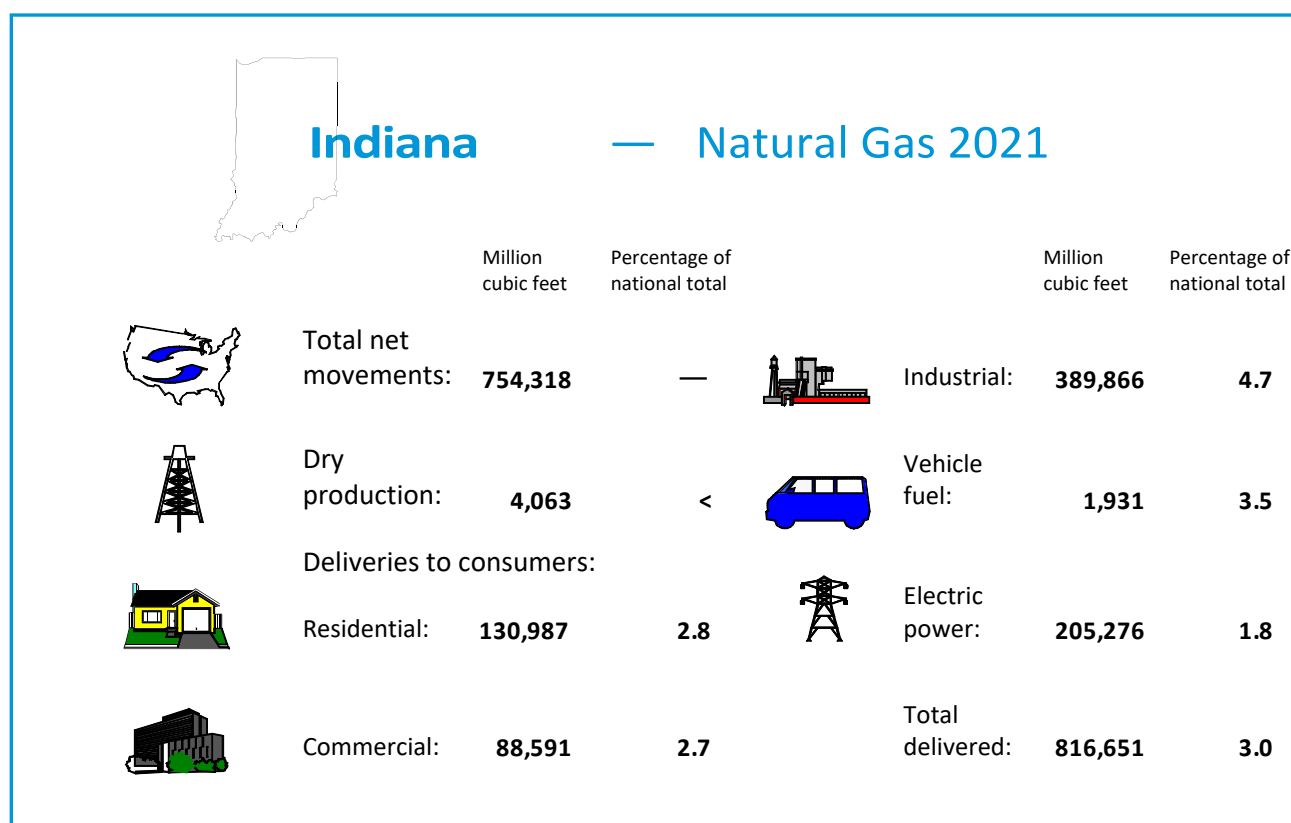


Table S16. Summary statistics for natural gas – Indiana, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 5,914 | 5,054 | 5,044 | 4,197 | 4,063 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 5,914 | 5,054 | 5,044 | 4,197 | 4,063 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 5,914 | 5,054 | 5,044 | 4,197 | 4,063 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 5,914 | 5,054 | 5,044 | 4,197 | 4,063 |
| Supply (million cubic feet) | | | | | |
| Dry production | 5,914 | 5,054 | 5,044 | 4,197 | 4,063 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 2,621,719 | 2,610,665 | 2,462,122 | 2,378,586 | 2,231,542 |
| Withdrawals from storage | | | | | |
| Underground storage | 17,243 | 18,914 | 16,666 | 17,453 | 17,216 |
| Liquefied natural gas (LNG) storage | 593 | 748 | 1,017 | 524 | 1,216 |
| Supplemental gas supplies | 2 | 33 | 29 | 2 | 1 |
| Balancing item | 8,953 | 38,228 | 10,898 | 40,943 | 72,077 |
| Total supply | 2,654,425 | 2,673,642 | 2,495,776 | 2,441,705 | 2,326,114 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 720,453 | 854,024 | 891,053 | R832,682 | 827,240 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 1,916,052 | 1,799,680 | 1,584,382 | 1,591,406 | 1,477,224 |
| Additions to storage | | | | | |
| Underground storage | 17,312 | 19,193 | 19,484 | 16,947 | 20,687 |
| LNG storage | 608 | 744 | 858 | 670 | 963 |
| Total disposition | 2,654,425 | 2,673,642 | 2,495,776 | R2,441,705 | 2,326,114 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | €350 | €310 | €303 | 252 | €244 |
| Pipeline and distribution use | 9,040 | 7,946 | 11,203 | R9,873 | 10,346 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 123,847 | 144,207 | 142,806 | 133,780 | 130,987 |
| Commercial | 75,312 | 86,188 | 88,245 | 81,413 | 88,591 |
| Industrial | 379,118 | 419,146 | 426,408 | 376,913 | 389,866 |
| Vehicle fuel | 101 | 8 | 4 | 2 | 1,931 |
| Electric power | 132,684 | 196,219 | 222,085 | R230,450 | 205,276 |
| Total delivered to consumers | 711,063 | 845,768 | 879,547 | R822,558 | 816,651 |
| Total consumption | 720,453 | 854,024 | 891,053 | R832,682 | 827,240 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 5,238 | 5,722 | 5,291 | 4,821 | 4,799 |
| Commercial | 25,565 | 28,803 | 29,706 | 28,577 | 28,311 |
| Industrial | 372,921 | 412,425 | 420,104 | 371,345 | 382,522 |
| Number of consumers | | | | | |
| Residential | 1,735,807 | 1,751,318 | 1,769,112 | 1,796,202 | 1,812,881 |
| Commercial | 161,941 | 162,938 | 163,285 | 164,335 | 165,411 |
| Industrial | 5,015 | 4,904 | 4,716 | 4,693 | 4,684 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 465 | 529 | 540 | 495 | 536 |
| Industrial | 75,597 | 85,470 | 90,417 | 80,314 | 83,234 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 3.85 | 3.87 | 3.43 | 2.99 | 4.59 |
| Delivered to consumers | | | | | |
| Residential | 8.94 | 8.72 | 8.68 | 8.59 | 10.05 |
| Commercial | 7.52 | 7.37 | 6.97 | 6.86 | 7.78 |
| Industrial | 5.99 | 6.10 | 5.76 | 5.41 | 6.86 |
| Electric power | W | 3.44 | 2.73 | 2.16 | 4.34 |

-- Not applicable.

^ Percentage is less than 0.05%.

E Estimated data.

NA Not available.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

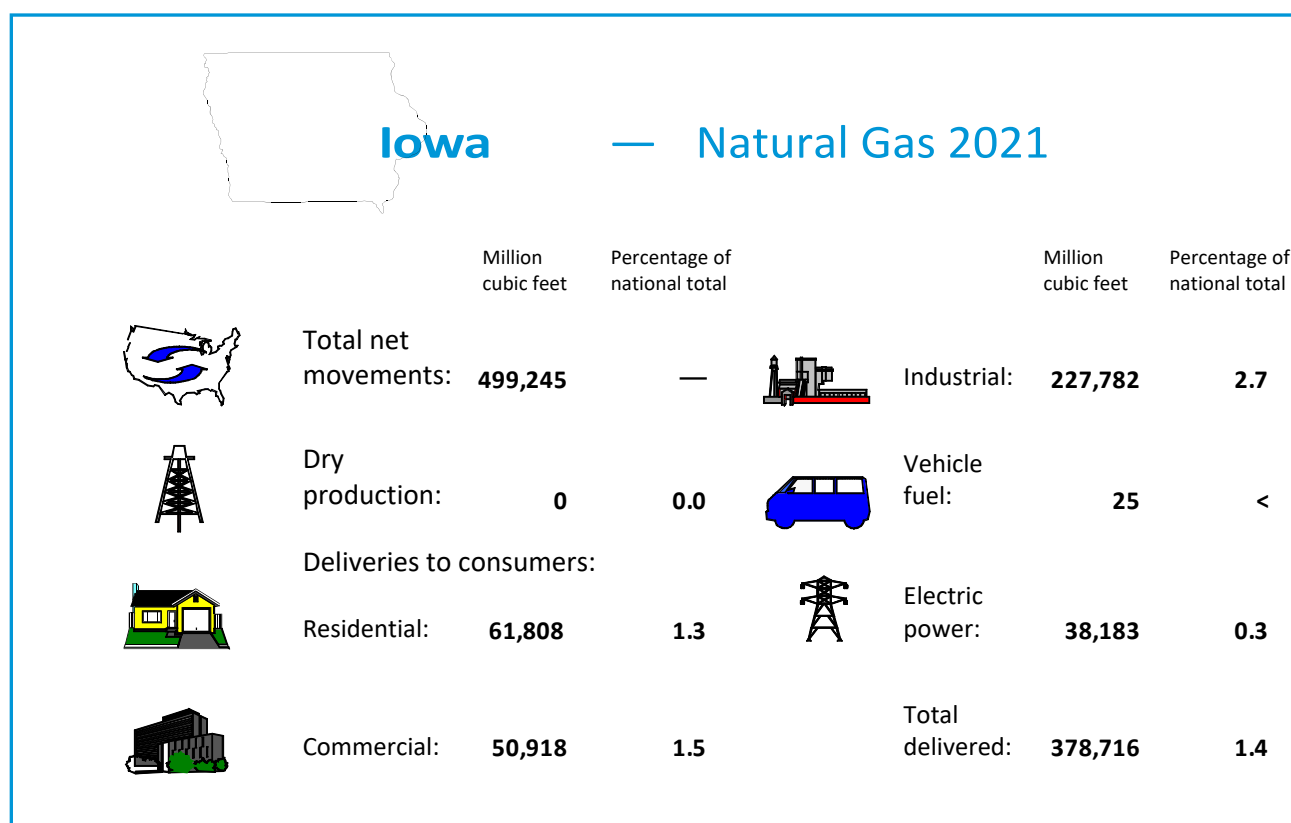


Table S17. Summary statistics for natural gas – Iowa, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 2,132,287 | 2,203,884 | 2,128,970 | 1,883,122 | 1,861,267 |
| Withdrawals from storage | | | | | |
| Underground storage | 67,262 | 72,443 | 65,208 | 56,138 | 63,340 |
| Liquefied natural gas (LNG) storage | 1,953 | 2,825 | 2,149 | 1,312 | 2,508 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -19,358 | 36,192 | 35,287 | R-30,143 | -109,168 |
| Total supply | 2,182,144 | 2,315,344 | 2,231,614 | R1,910,428 | 1,817,948 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 391,129 | 443,174 | 438,038 | R403,227 | 386,270 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 1,722,711 | 1,799,016 | 1,725,214 | 1,440,592 | 1,362,023 |
| Additions to storage | | | | | |
| Underground storage | 66,933 | 69,569 | 66,275 | 65,609 | 67,280 |
| LNG storage | 1,370 | 3,585 | 2,087 | 1,000 | 2,375 |
| Total disposition | 2,182,144 | 2,315,344 | 2,231,614 | R1,910,428 | 1,817,948 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 10,463 | 12,227 | 11,929 | 9,974 | 7,554 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 60,362 | 70,950 | 71,385 | R64,083 | 61,808 |
| Commercial | 49,710 | 56,854 | 57,985 | R50,766 | 50,918 |
| Industrial | 241,187 | 256,030 | 249,885 | R234,909 | 227,782 |
| Vehicle fuel | 39 | 42 | 37 | 31 | 25 |
| Electric power | 29,369 | 47,070 | 46,818 | R43,465 | 38,183 |
| Total delivered to consumers | 380,666 | 430,947 | 426,109 | R393,253 | 378,716 |
| Total consumption | 391,129 | 443,174 | 438,038 | R403,227 | 386,270 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 15,658 | 19,361 | 19,112 | 18,343 | 18,471 |
| Industrial | 234,060 | 249,255 | 241,289 | R228,432 | 221,226 |
| Number of consumers | | | | | |
| Residential | 923,454 | 929,996 | 935,342 | R944,890 | 951,735 |
| Commercial | 100,607 | 100,959 | 101,420 | 102,146 | 102,624 |
| Industrial | 1,606 | 1,572 | 1,598 | R1,597 | 1,604 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 494 | 563 | 572 | 497 | 496 |
| Industrial | 150,178 | 162,869 | 156,374 | R147,094 | 142,009 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.30 | 4.11 | 3.47 | 3.37 | 7.97 |
| Delivered to consumers | | | | | |
| Residential | 9.30 | 8.94 | 8.19 | 7.78 | 10.20 |
| Commercial | 6.87 | 6.84 | 5.95 | 5.85 | 8.46 |
| Industrial | 5.21 | 5.37 | 4.30 | R4.48 | 7.08 |
| Electric power | 3.22 | 3.17 | 2.83 | R2.23 | 4.22 |

-- Not applicable.

^ Percentage is less than 0.05%.

^R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

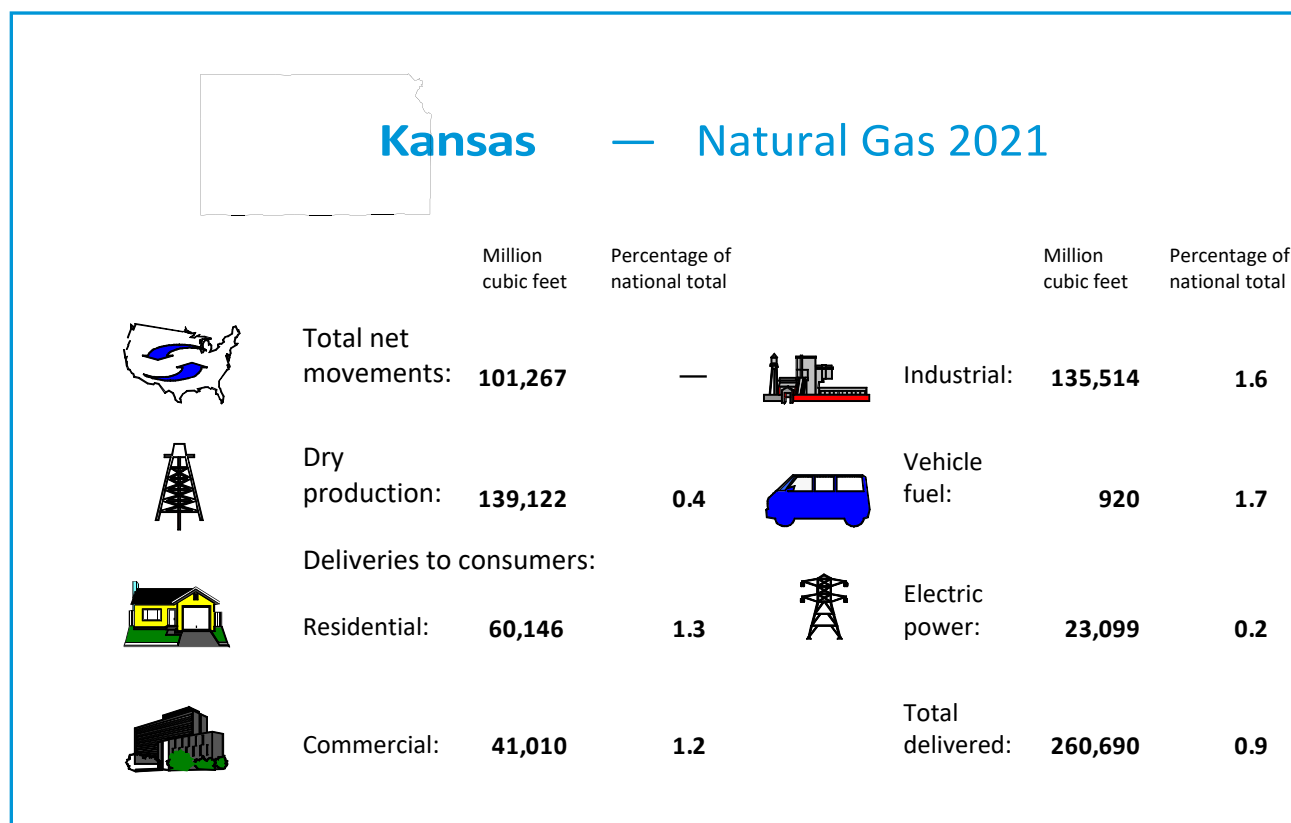


Table S18. Summary statistics for natural gas – Kansas, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 198,104 | 183,644 | 167,346 | 149,637 | 140,878 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 18,633 | 17,659 | 15,682 | 13,680 | 12,060 |
| Shale gas wells | 2,902 | 88 | 60 | 40 | 47 |
| Total gross withdrawals | 219,639 | 201,391 | 183,087 | 163,356 | 152,986 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 219,639 | 201,391 | 183,087 | 163,356 | 152,986 |
| NGPL production, gaseous equivalent | 18,621 | 18,841 | 15,481 | 14,050 | 13,864 |
| Total dry production | 201,018 | 182,549 | 167,606 | 149,306 | 139,122 |
| Supply (million cubic feet) | | | | | |
| Dry production | 201,018 | 182,549 | 167,606 | 149,306 | 139,122 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,743,533 | 2,092,110 | 1,882,236 | 1,469,046 | 1,080,543 |
| Withdrawals from storage | | | | | |
| Underground storage | 106,369 | 112,650 | 110,540 | 107,190 | 105,903 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -31,233 | 24,957 | 4,211 | 14,931 | 43,521 |
| Total supply | 2,019,688 | 2,412,266 | 2,164,593 | 1,740,473 | 1,369,088 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 269,919 | 310,028 | 307,349 | R291,764 | 282,981 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 1,649,542 | 1,988,792 | 1,731,518 | 1,338,246 | 979,277 |
| Additions to storage | | | | | |
| Underground storage | 100,227 | 113,446 | 125,725 | 110,464 | 106,830 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 2,019,688 | 2,412,266 | 2,164,593 | R1,740,473 | 1,369,088 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E11,939 | E11,336 | E10,070 | 8,985 | E8,414 |
| Pipeline and distribution use | 19,209 | 28,863 | 26,157 | R18,949 | 13,020 |
| Plant fuel | 990 | 987 | 1,128 | 851 | 857 |
| Delivered to consumers | | | | | |
| Residential | 54,445 | 67,134 | 68,123 | 62,313 | 60,146 |
| Commercial | 34,612 | 40,249 | 41,320 | 39,857 | 41,010 |
| Industrial | 127,653 | 132,495 | 131,590 | R135,733 | 135,514 |
| Vehicle fuel | 483 | 683 | 729 | 771 | 920 |
| Electric power | 20,589 | 28,281 | 28,232 | R24,305 | 23,099 |
| Total delivered to consumers | 237,781 | 268,842 | 269,994 | R262,979 | 260,690 |
| Total consumption | 269,919 | 310,028 | 307,349 | R291,764 | 282,981 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 8 | 9 | 8 | 7 | 8 |
| Commercial | 17,595 | 19,017 | 19,801 | R20,526 | 21,050 |
| Industrial | 118,771 | 124,067 | 123,324 | R125,014 | 125,452 |
| Number of consumers | | | | | |
| Residential | 867,699 | 870,371 | 872,451 | 880,942 | 884,427 |
| Commercial | 86,232 | 86,199 | 85,969 | 86,252 | 86,573 |
| Industrial | 7,514 | 7,343 | 7,431 | 7,534 | 7,509 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 401 | 467 | 481 | 462 | 474 |
| Industrial | 16,989 | 18,044 | 17,708 | 18,016 | 18,047 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.51 | 4.21 | 3.68 | 3.42 | 11.27 |
| Delivered to consumers | | | | | |
| Residential | 10.95 | 10.18 | 9.24 | 9.37 | 11.11 |
| Commercial | 9.30 | 8.63 | 7.68 | 7.49 | 9.08 |
| Industrial | 4.16 | 4.38 | 3.93 | 3.38 | 5.22 |
| Electric power | 3.85 | 3.33 | 2.83 | R2.62 | 9.75 |

-- Not applicable.

E Estimated data.

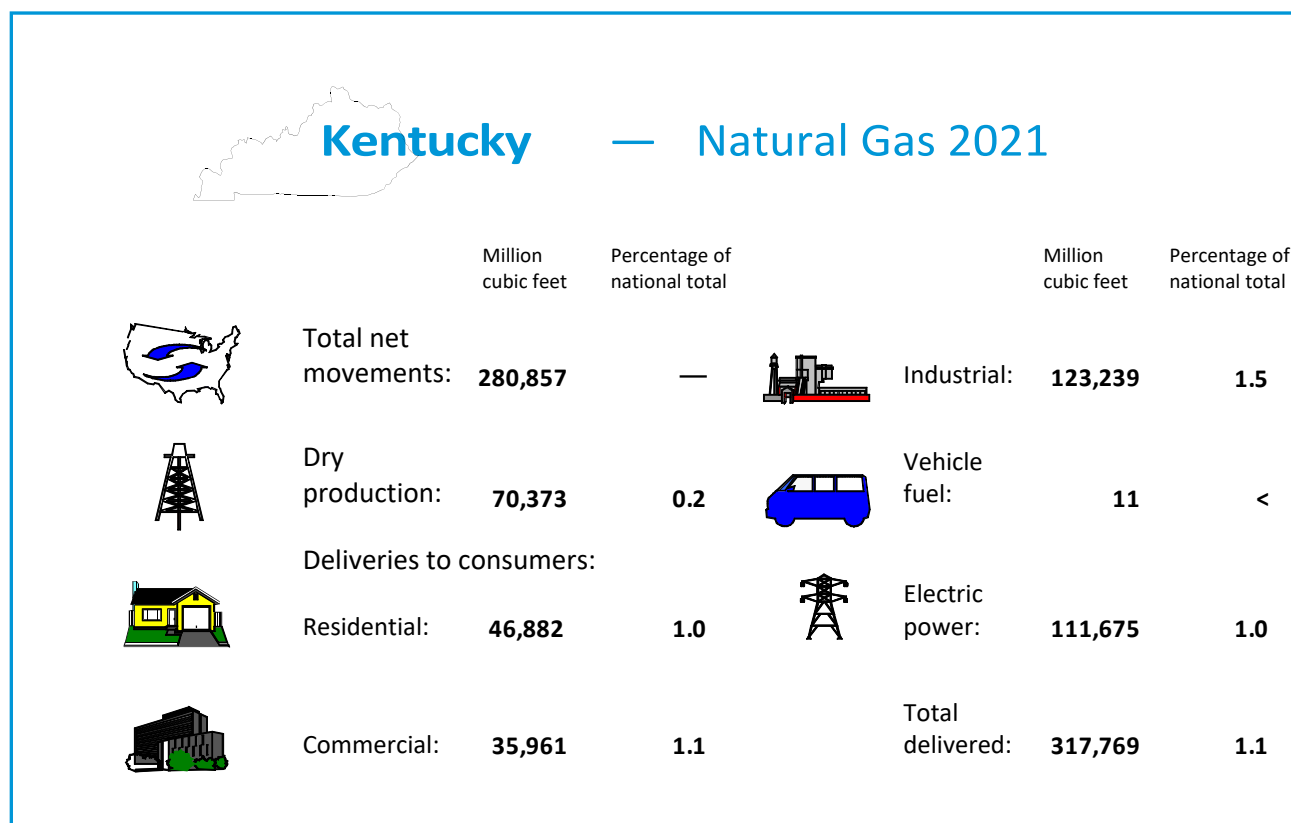
NA Not available.

R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

**Table S19. Summary statistics for natural gas – Kentucky, 2017-2021**

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 88,715 | 81,746 | 75,621 | 68,959 | 74,525 |
| Oil wells | 0 | 2,301 | 2,261 | 2,059 | 848 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 88,715 | 84,047 | 77,882 | 71,018 | 75,373 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 88,715 | 84,047 | 77,882 | 71,018 | 75,373 |
| NGPL production, gaseous equivalent | 5,390 | 5,160 | 5,096 | 4,938 | 5,000 |
| Total dry production | 83,325 | 78,887 | 72,786 | 66,080 | 70,373 |
| Supply (million cubic feet) | | | | | |
| Dry production | 83,325 | 78,887 | 72,786 | 66,080 | 70,373 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,853,849 | 2,325,783 | 2,327,432 | 2,599,862 | 2,842,476 |
| Withdrawals from storage | | | | | |
| Underground storage | 81,503 | 78,710 | 68,891 | 69,593 | 68,037 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 51 | 111 | 23 | 2 | 144 |
| Balancing item | 38,882 | 13,741 | 11,958 | 7,333 | 4,223 |
| Total supply | 2,057,610 | 2,497,233 | 2,481,090 | 2,742,869 | 2,985,254 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 283,678 | 340,125 | 344,326 | R327,732 | 352,811 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 1,707,559 | 2,088,607 | 2,050,983 | 2,345,402 | 2,561,620 |
| Additions to storage | | | | | |
| Underground storage | 66,373 | 68,502 | 85,781 | 69,736 | 70,823 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 2,057,610 | 2,497,233 | 2,481,090 | R2,742,869 | 2,985,254 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E5,213 | E5,142 | E4,673 | 4,261 | E4,522 |
| Pipeline and distribution use | 7,383 | 14,143 | 19,152 | 23,706 | 30,296 |
| Plant fuel | 198 | 203 | 227 | 233 | 224 |
| Delivered to consumers | | | | | |
| Residential | 43,253 | 51,476 | 48,777 | 45,961 | 46,882 |
| Commercial | 32,796 | 38,472 | 37,395 | 33,950 | 35,961 |
| Industrial | 113,582 | 117,951 | 121,669 | 116,778 | 123,239 |
| Vehicle fuel | 44 | 81 | 64 | 33 | 11 |
| Electric power | 81,208 | 112,656 | 112,369 | R102,809 | 111,675 |
| Total delivered to consumers | 270,884 | 320,636 | 320,274 | R299,531 | 317,769 |
| Total consumption | 283,678 | 340,125 | 344,326 | R327,732 | 352,811 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 1,267 | 1,412 | 1,222 | 1,087 | 1,083 |
| Commercial | 7,215 | 7,983 | 7,954 | 7,421 | 7,576 |
| Industrial | 94,302 | 98,363 | 101,783 | 98,230 | 103,972 |
| Number of consumers | | | | | |
| Residential | 771,392 | 774,357 | 747,227 | 784,180 | 786,902 |
| Commercial | 86,409 | 86,759 | 87,114 | 87,608 | 87,660 |
| Industrial | 2,121 | 2,123 | 2,137 | 2,139 | 2,106 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 380 | 443 | 429 | 388 | 410 |
| Industrial | 53,551 | 55,559 | 56,934 | 54,595 | 58,518 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 3.92 | 3.92 | 3.37 | 2.81 | 4.09 |
| Delivered to consumers | | | | | |
| Residential | 11.62 | 10.56 | 10.85 | 11.14 | 12.22 |
| Commercial | 9.06 | 8.43 | 8.60 | 8.64 | 9.59 |
| Industrial | 4.46 | 4.40 | 4.06 | 3.50 | 4.99 |
| Electric power | W | W | W | W | W |

-- Not applicable.

< Percentage is less than 0.05%.

E Estimated data.

NA Not available.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

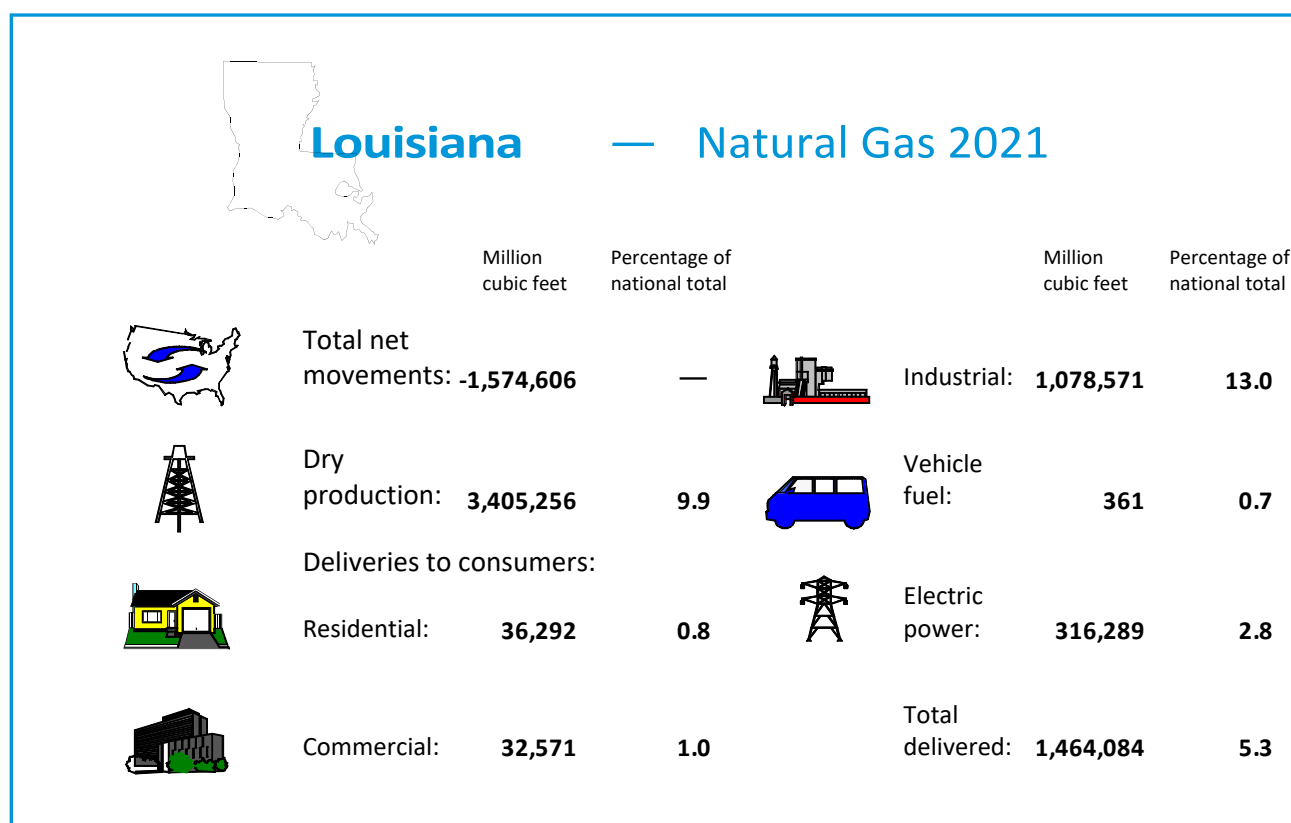


Table S20. Summary statistics for natural gas – Louisiana, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 739,294 | 680,140 | 663,243 | 633,426 | 534,233 |
| Oil wells | 36,317 | 33,359 | 30,650 | 24,288 | 21,806 |
| Coalbed wells | 0 | 44 | 50 | 47 | 41 |
| Shale gas wells | 1,373,093 | 2,126,376 | 2,525,005 | 2,554,320 | 2,880,135 |
| Total gross withdrawals | 2,148,704 | 2,839,919 | 3,218,949 | 3,212,081 | 3,436,215 |
| Non-marketed disposition | | | | | |
| Repressuring | 3,536 | 1,549 | 1,530 | 1,426 | 1,276 |
| Vented and flared | 5,338 | 5,966 | 5,101 | 4,493 | 3,510 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 8,874 | 7,515 | 6,631 | 5,918 | 4,786 |
| Dry production | | | | | |
| Marketed production | 2,139,830 | 2,832,404 | 3,212,318 | 3,206,163 | 3,431,429 |
| NGPL production, gaseous equivalent | 32,030 | 31,013 | 31,938 | 25,454 | 26,173 |
| Total dry production | 2,107,799 | 2,801,391 | 3,180,380 | 3,180,709 | 3,405,256 |
| Supply (million cubic feet) | | | | | |
| Dry production | 2,107,799 | 2,801,391 | 3,180,380 | 3,180,709 | 3,405,256 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 3,385,792 | 3,707,285 | 3,881,914 | 3,768,375 | 3,937,408 |
| Withdrawals from storage | | | | | |
| Underground storage | 463,620 | 538,451 | 502,452 | 458,746 | 536,673 |
| Liquefied natural gas (LNG) storage | 150 | 535 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 35,052 | -24,202 | -173,955 | 208,131 | -128,023 |
| Total supply | 5,992,412 | 7,023,460 | 7,390,791 | 7,615,960 | 7,751,314 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 1,593,181 | 1,738,734 | 1,834,142 | R1,813,166 | 1,751,499 |
| Deliveries | | | | | |
| Exports | 706,645 | 932,202 | 1,225,536 | 1,309,306 | 1,843,491 |
| Intransit deliveries | 0 | 0 | * | 0 | 0 |
| Interstate deliveries | 3,255,164 | 3,872,387 | 3,731,080 | 4,010,907 | 3,668,524 |
| Additions to storage | | | | | |
| Underground storage | 437,422 | 480,137 | 600,033 | 482,581 | 487,801 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 5,992,412 | 7,023,460 | 7,390,791 | R7,615,960 | 7,751,314 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 37,193 | 58,998 | 90,864 | 49,122 | 47,851 |
| Pipeline and distribution use | 100,839 | 132,939 | 164,247 | R179,541 | 224,500 |
| Plant fuel | 25,509 | 24,694 | 22,822 | 16,020 | 15,064 |
| Delivered to consumers | | | | | |
| Residential | 29,074 | 37,838 | 35,935 | R32,097 | 36,292 |
| Commercial | 28,322 | 34,848 | 32,925 | R29,757 | 32,571 |
| Industrial | 1,092,567 | 1,148,071 | 1,145,105 | R1,149,484 | 1,078,571 |
| Vehicle fuel | 388 | 428 | 398 | 1,231 | 361 |
| Electric power | 279,290 | 300,919 | 341,847 | R355,914 | 316,289 |
| Total delivered to consumers | 1,429,640 | 1,522,103 | 1,556,209 | R1,568,483 | 1,464,084 |
| Total consumption | 1,593,181 | 1,738,734 | 1,834,142 | R1,813,166 | 1,751,499 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 6,096 | 9,907 | 8,113 | 8,369 | 9,199 |
| Industrial | 1,053,777 | 1,108,710 | 1,107,570 | 1,119,261 | 1,053,168 |
| Number of consumers | | | | | |
| Residential | 903,409 | 908,480 | 908,201 | R903,088 | 927,647 |
| Commercial | 59,554 | 59,518 | 58,725 | R58,335 | 59,887 |
| Industrial | 1,072 | 1,094 | 1,007 | R976 | 927 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 476 | 585 | 561 | R510 | 544 |
| Industrial | 1,019,186 | 1,049,425 | 1,137,145 | R1,177,750 | 1,163,507 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | 4.69 | 4.81 | 5.03 | 5.65 | 7.42 |
| Citygate | 4.02 | 4.00 | 3.59 | 2.75 | 3.95 |
| Delivered to consumers | | | | | |
| Residential | 13.04 | 11.65 | 11.49 | R12.16 | 12.83 |
| Commercial | 8.99 | 8.71 | 8.43 | R8.38 | 9.85 |
| Industrial | 3.64 | 3.52 | 3.37 | R2.58 | 4.03 |
| Electric power | W | W | W | W | W |

* Volume is less than 500,000 cubic feet.

-- Not applicable.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

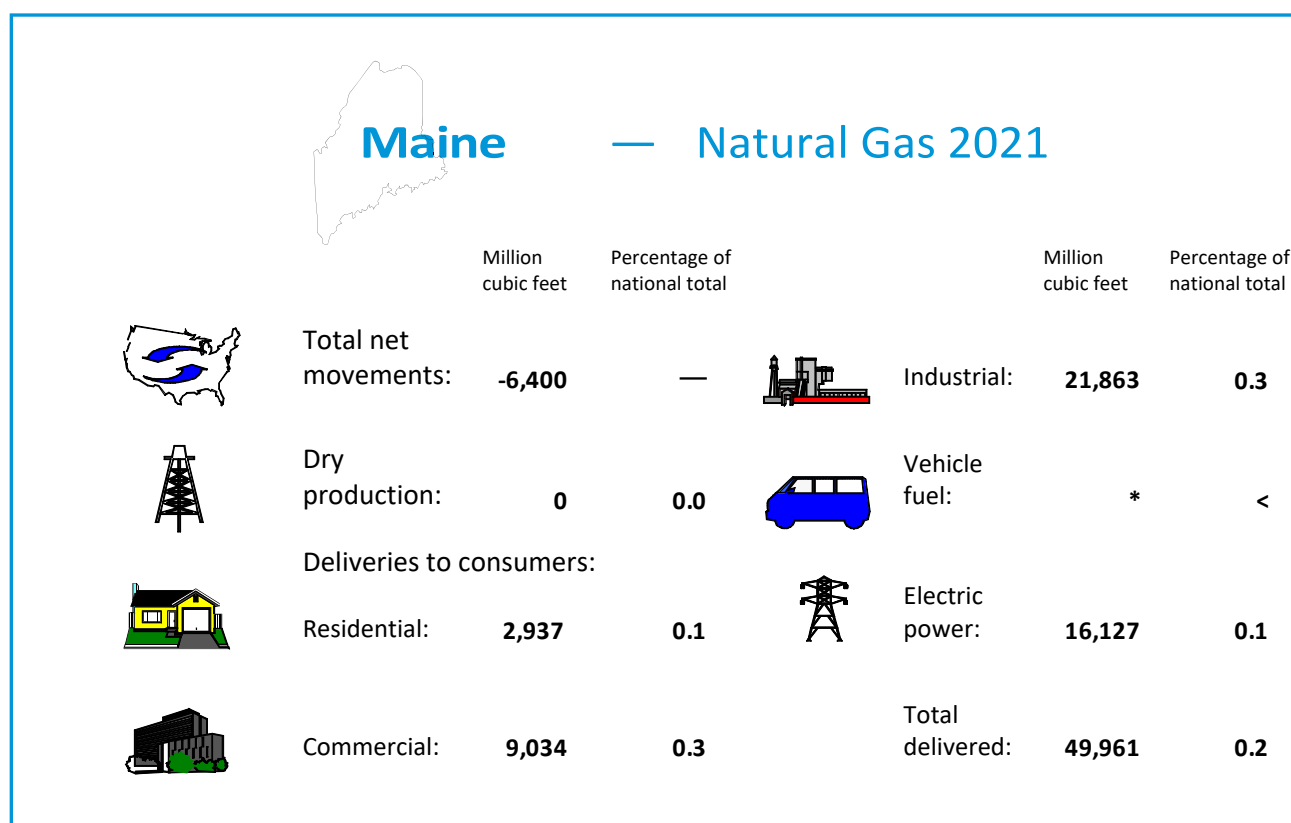


Table S21. Summary statistics for natural gas – Maine, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 22,118 | 35,735 | 57,094 | 57,916 | 46,704 |
| Intransit receipts | 0 | 0 | 0 | 86 | 0 |
| Interstate receipts | 65,606 | 92,841 | 99,048 | 99,351 | 108,566 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 41 | 50 | 481 | 34 | 45 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 14,879 | 6,406 | 17,668 | 45,388 | 58,198 |
| Total supply | 102,644 | 135,032 | 174,292 | 202,774 | 213,512 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|-----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 43,810 | 46,464 | 44,606 | R45,262 | 51,797 |
| Deliveries | | | | | |
| Exports | 18,928 | 37,506 | 90,299 | 117,408 | 118,597 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 39,865 | 51,016 | 39,342 | 40,071 | 43,073 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 40 | 45 | 44 | 33 | 45 |
| Total disposition | 102,644 | 135,032 | 174,292 | R202,774 | 213,512 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 679 | 821 | 1,168 | R932 | 1,836 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 2,748 | 3,079 | 3,134 | 2,962 | 2,937 |
| Commercial | 8,925 | 9,586 | 9,919 | 8,934 | 9,034 |
| Industrial | 17,698 | 19,231 | 21,024 | 22,679 | 21,863 |
| Vehicle fuel | 0 | 0 | * | * | * |
| Electric power | 13,761 | 13,747 | 9,361 | R9,756 | 16,127 |
| Total delivered to consumers | 43,131 | 45,644 | 43,438 | R44,330 | 49,961 |
| Total consumption | 43,810 | 46,464 | 44,606 | R45,262 | 51,797 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 3,630 | 3,616 | 3,641 | 3,327 | 3,323 |
| Industrial | 16,110 | 17,622 | 19,343 | 21,024 | 19,784 |
| Number of consumers | | | | | |
| Residential | 33,750 | 34,874 | 36,557 | 37,653 | 38,421 |
| Commercial | 12,591 | 13,000 | 13,130 | 13,358 | 13,542 |
| Industrial | 127 | 134 | 148 | 156 | 157 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 709 | 737 | 755 | 669 | 667 |
| Industrial | 139,358 | 143,514 | 142,053 | 145,375 | 139,256 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 6.24 | 7.42 | 6.50 | 3.90 | 6.30 |
| Exports | 4.84 | 5.54 | 3.58 | 2.61 | 5.01 |
| Citygate | 6.50 | 8.00 | 6.51 | 5.59 | 6.82 |
| Delivered to consumers | | | | | |
| Residential | 14.61 | 16.32 | 16.05 | 14.88 | 16.54 |
| Commercial | 11.33 | 13.01 | 12.62 | 11.36 | 12.77 |
| Industrial | 8.15 | 9.26 | 8.67 | 7.85 | 9.18 |
| Electric power | W | W | W | W | W |

* Volume is less than 500,000 cubic feet.

† Not applicable.

‡ Percentage is less than 0.05%.

^R Revised data.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

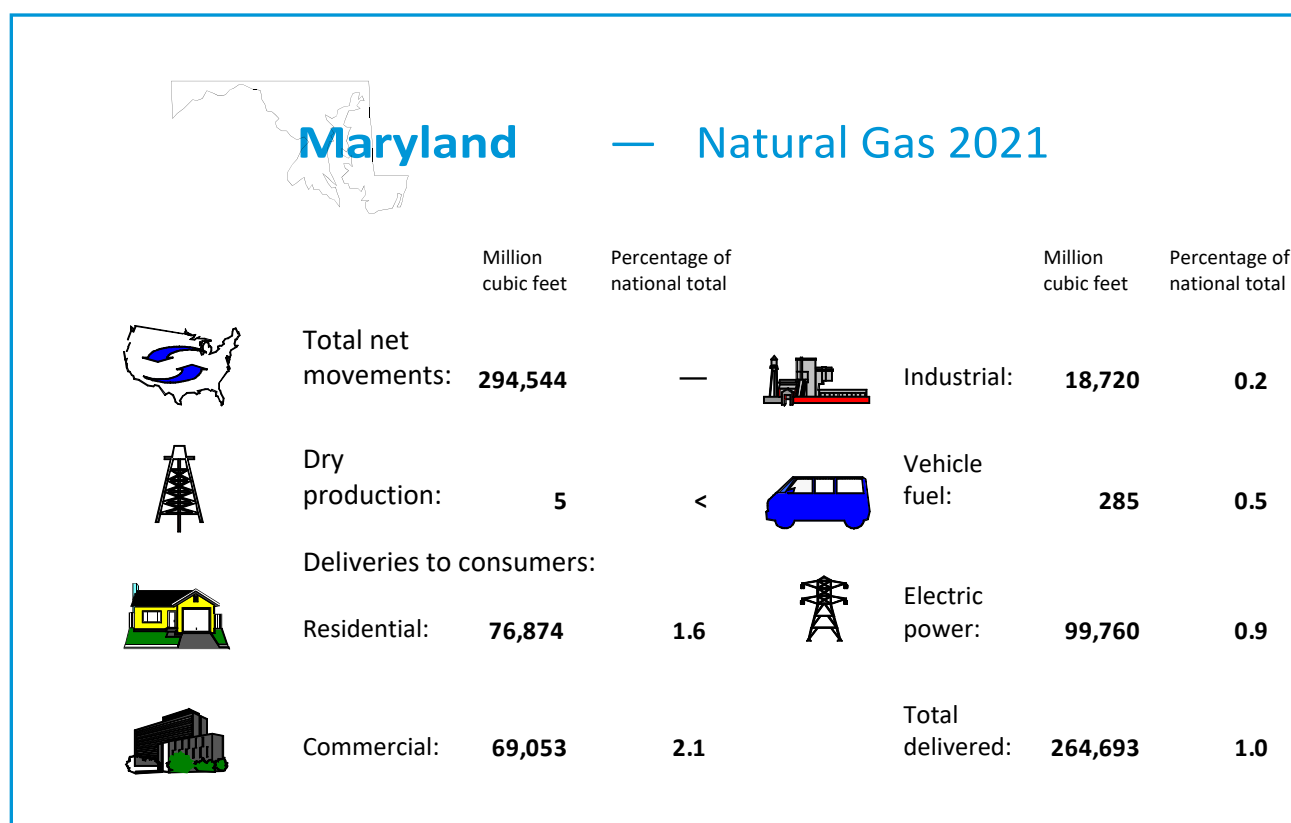


Table S22. Summary statistics for natural gas – Maryland, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|------------------|------------------|------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 32 | 13 | 13 | 10 | 5 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 32 | 13 | 13 | 10 | 5 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 32 | 13 | 13 | 10 | 5 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 32 | 13 | 13 | 10 | 5 |
| Supply (million cubic feet) | | | | | |
| Dry production | 32 | 13 | 13 | 10 | 5 |
| Receipts | | | | | |
| Imports | 5,992 | 9,070 | 6,703 | 17,081 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 730,794 | 1,121,529 | 1,462,530 | 1,540,186 | 1,589,998 |
| Withdrawals from storage | | | | | |
| Underground storage | 16,770 | 18,644 | 14,243 | 16,550 | 15,119 |
| Liquefied natural gas (LNG) storage | 493 | 525 | 480 | 407 | 531 |
| Supplemental gas supplies | 606 | 422 | 101 | 126 | 155 |
| Balancing item | 4,297 | -11,023 | 1,894 | 878 | -745 |
| Total supply | 758,985 | 1,139,179 | 1,485,963 | 1,575,239 | 1,605,063 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 222,881 | 300,637 | 298,599 | R285,304 | 292,169 |
| Deliveries | | | | | |
| Exports | 0 | 143,134 | 227,552 | 233,102 | 234,236 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 517,775 | 674,082 | 946,518 | 1,040,028 | 1,061,217 |
| Additions to storage | | | | | |
| Underground storage | 17,815 | 20,772 | 12,728 | 16,392 | 16,922 |
| LNG storage | 513 | 553 | 567 | 412 | 519 |
| Total disposition | 758,985 | 1,139,179 | 1,485,963 | R1,575,239 | 1,605,063 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | NA | NA | NA | 0 | 0 |
| Pipeline and distribution use | 7,968 | 22,661 | 25,106 | 25,177 | 27,475 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 75,789 | 86,397 | 81,845 | 77,274 | 76,874 |
| Commercial | 72,279 | 77,310 | 76,349 | 70,024 | 69,053 |
| Industrial | 15,744 | 16,227 | 18,336 | 17,069 | 18,720 |
| Vehicle fuel | 378 | 371 | 688 | 273 | 285 |
| Electric power | 50,725 | 97,671 | 96,274 | R95,487 | 99,760 |
| Total delivered to consumers | 214,914 | 277,976 | 273,493 | R260,126 | 264,693 |
| Total consumption | 222,881 | 300,637 | 298,599 | R285,304 | 292,169 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 18,994 | 20,996 | 19,446 | 17,351 | 16,571 |
| Commercial | 53,676 | 56,131 | 56,938 | 52,587 | 51,233 |
| Industrial | 15,120 | 15,568 | 17,698 | 16,284 | 17,955 |
| Number of consumers | | | | | |
| Residential | 1,140,426 | 1,152,670 | 1,164,929 | 1,185,385 | 1,188,292 |
| Commercial | 78,005 | 78,589 | 78,882 | 79,347 | 78,778 |
| Industrial | 1,155 | 1,154 | 1,147 | 1,176 | 1,138 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 927 | 984 | 968 | 882 | 877 |
| Industrial | 13,631 | 14,061 | 15,986 | 14,514 | 16,450 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 6.52 | 9.82 | 5.71 | 3.35 | -- |
| Exports | -- | 7.61 | 7.12 | 6.59 | 8.06 |
| Citygate | 4.73 | 5.03 | 4.82 | 4.22 | 5.45 |
| Delivered to consumers | | | | | |
| Residential | 12.97 | 11.79 | 12.55 | 13.07 | 14.70 |
| Commercial | 10.27 | 9.57 | 10.14 | 10.62 | 11.97 |
| Industrial | 9.84 | 9.14 | 10.07 | 8.85 | 9.10 |
| Electric power | 3.65 | 4.00 | 3.25 | R2.47 | 4.49 |

– Not applicable.

^ Percentage is less than 0.05%.

NA Not available.

R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

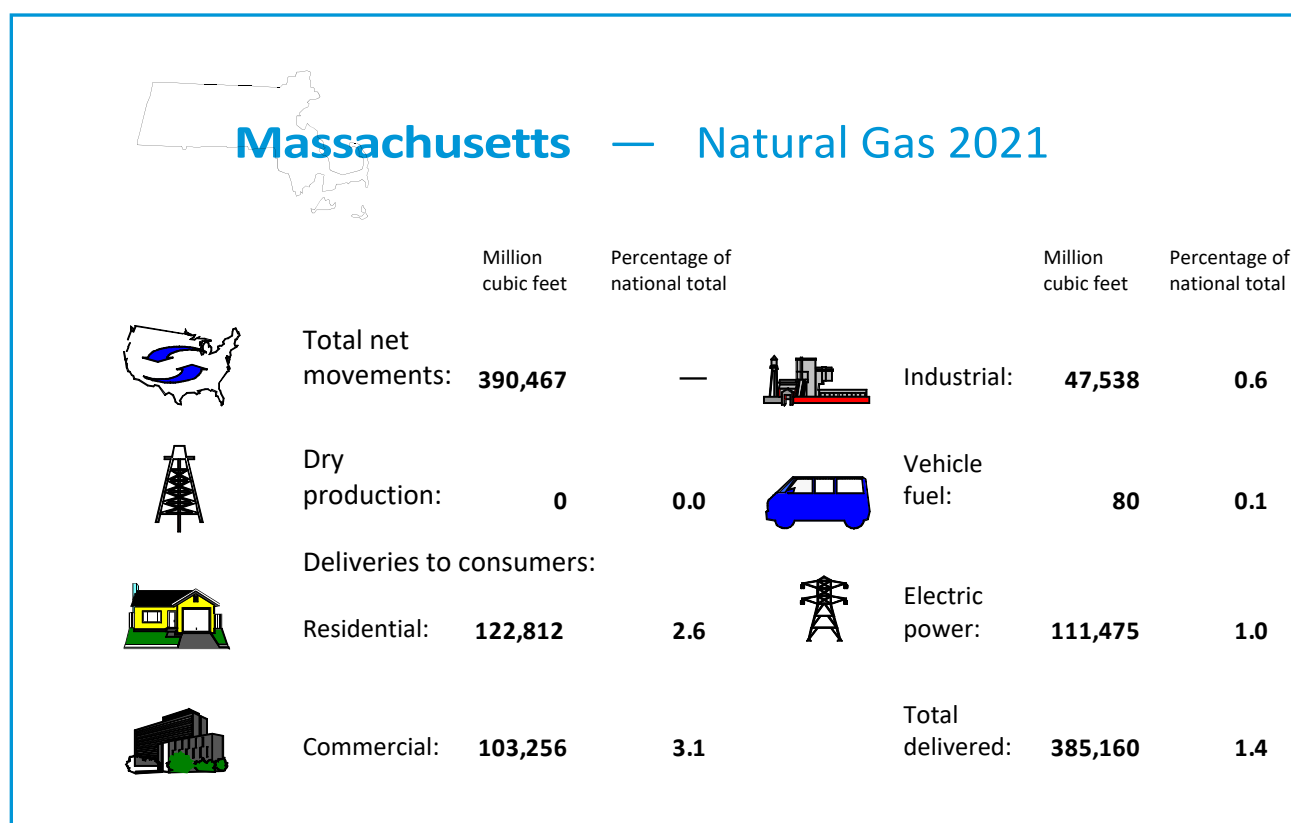


Table S23. Summary statistics for natural gas – Massachusetts, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 63,936 | 50,636 | 40,326 | 29,396 | 21,423 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 467,958 | 468,191 | 462,219 | 442,147 | 466,291 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 8,382 | 6,166 | 6,136 | 3,228 | 4,754 |
| Supplemental gas supplies | 55 | 77 | 35 | 10 | 15 |
| Balancing item | 1,424 | 3,932 | 18,064 | 10,479 | 2,439 |
| Total supply | 541,755 | 529,001 | 526,780 | 485,260 | 494,922 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|-----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 448,996 | 438,577 | 429,515 | R389,013 | 392,524 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 86,887 | 83,732 | 92,360 | 93,841 | 97,246 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 5,873 | 6,693 | 4,906 | 2,405 | 5,151 |
| Total disposition | 541,755 | 529,001 | 526,780 | R485,260 | 494,922 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 8,261 | 8,139 | 11,235 | 8,487 | 7,364 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 121,181 | 130,296 | 135,116 | 120,333 | 122,812 |
| Commercial | 109,470 | 118,779 | 121,518 | 109,625 | 103,256 |
| Industrial | 47,004 | 47,524 | 48,770 | 45,758 | 47,538 |
| Vehicle fuel | 113 | 127 | 130 | 93 | 80 |
| Electric power | 162,967 | 133,711 | 112,746 | R104,718 | 111,475 |
| Total delivered to consumers | 440,735 | 430,438 | 418,280 | R380,527 | 385,160 |
| Total consumption | 448,996 | 438,577 | 429,515 | R389,013 | 392,524 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 2,096 | 3,089 | 3,121 | 2,454 | 1,973 |
| Commercial | 58,992 | 64,541 | 74,893 | 69,977 | 63,382 |
| Industrial | 34,592 | 34,878 | 36,155 | 34,641 | 35,561 |
| Number of consumers | | | | | |
| Residential | 1,510,872 | 1,532,732 | 1,548,127 | 1,865,886 | 1,581,946 |
| Commercial | 142,863 | 144,592 | 144,769 | 176,165 | 145,927 |
| Industrial | 11,196 | 11,205 | 11,196 | 12,240 | 11,089 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 766 | 821 | 839 | 622 | 708 |
| Industrial | 4,198 | 4,241 | 4,356 | 3,738 | 4,287 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 4.43 | 6.48 | 8.10 | 5.58 | 12.25 |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 5.28 | 6.37 | 5.53 | 5.39 | 6.65 |
| Delivered to consumers | | | | | |
| Residential | 13.32 | 15.47 | 14.72 | 14.71 | 16.02 |
| Commercial | 10.16 | 12.84 | 11.32 | 11.20 | 12.05 |
| Industrial | 8.02 | 10.31 | 9.92 | 9.30 | 10.13 |
| Electric power | 3.74 | 4.91 | 4.50 | R3.34 | W |

-- Not applicable.

^R Revised data.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles* (2017); state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

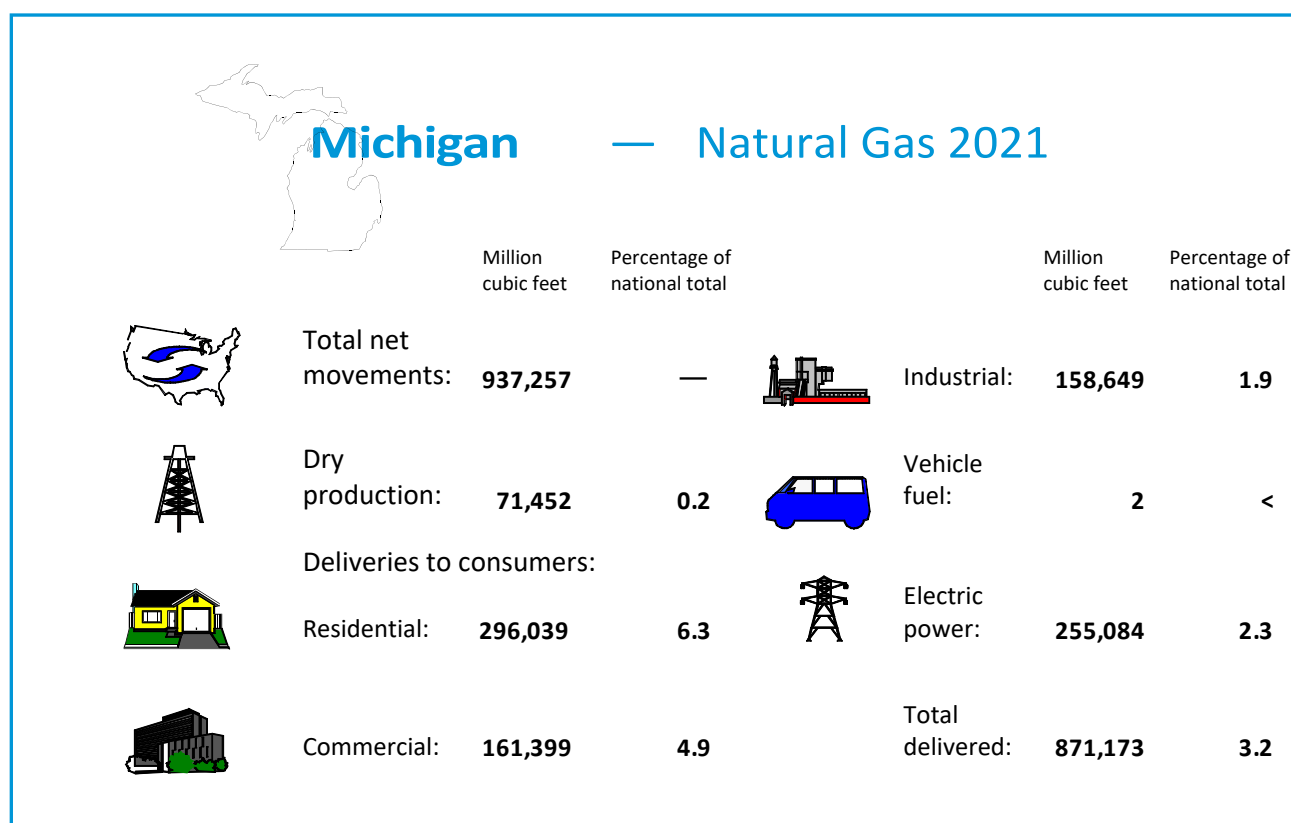


Table S24. Summary statistics for natural gas – Michigan, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 11,288 | 9,591 | 9,168 | 7,066 | 6,747 |
| Oil wells | 4,262 | 3,487 | 2,870 | 1,944 | 1,903 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 80,901 | 76,493 | 71,931 | 55,901 | 63,650 |
| Total gross withdrawals | 96,451 | 89,572 | 83,969 | 64,911 | 72,301 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 96,451 | 89,572 | 83,969 | 64,911 | 72,301 |
| NGPL production, gaseous equivalent | 1,279 | 1,340 | 1,118 | 768 | 849 |
| Total dry production | 95,172 | 88,232 | 82,851 | 64,143 | 71,452 |
| Supply (million cubic feet) | | | | | |
| Dry production | 95,172 | 88,232 | 82,851 | 64,143 | 71,452 |
| Receipts | | | | | |
| Imports | 9,712 | 12,414 | 28,309 | 40,324 | 56,097 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,778,044 | 1,973,134 | 1,973,340 | 1,897,180 | 1,853,922 |
| Withdrawals from storage | | | | | |
| Underground storage | 425,036 | 532,605 | 488,353 | 400,748 | 477,696 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -184,777 | -89,827 | 4,712 | R-111,789 | -144,560 |
| Total supply | 2,123,186 | 2,516,558 | 2,577,566 | R2,290,606 | 2,314,605 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 870,756 | 965,538 | 998,093 | R947,526 | 901,916 |
| Deliveries | | | | | |
| Exports | 596,815 | 496,830 | 566,895 | R485,750 | 547,143 |
| Intransit deliveries | 0 | 0 | 201,130 | R141,107 | 152,380 |
| Interstate deliveries | 277,941 | 564,960 | 248,506 | 293,436 | 273,238 |
| Additions to storage | | | | | |
| Underground storage | 377,675 | 489,229 | 562,941 | 422,786 | 439,928 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 2,123,186 | 2,516,558 | 2,577,566 | R2,290,606 | 2,314,605 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E5,313 | E5,075 | E4,702 | 3,635 | E4,049 |
| Pipeline and distribution use | 19,238 | 21,566 | 28,665 | 23,282 | 25,825 |
| Plant fuel | 760 | 1,015 | 940 | 862 | 869 |
| Delivered to consumers | | | | | |
| Residential | 299,158 | 326,962 | 332,254 | 304,194 | 296,039 |
| Commercial | 162,634 | 180,333 | 181,825 | 160,487 | 161,399 |
| Industrial | 170,189 | 176,250 | 173,618 | 154,149 | 158,649 |
| Vehicle fuel | 0 | 0 | 4 | 3 | 2 |
| Electric power | 213,463 | 254,337 | 276,086 | R300,914 | 255,084 |
| Total delivered to consumers | 845,444 | 937,882 | 963,786 | R919,747 | 871,173 |
| Total consumption | 870,756 | 965,538 | 998,093 | R947,526 | 901,916 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 19,647 | 20,809 | 19,498 | 16,466 | 14,932 |
| Commercial | 71,297 | 77,117 | 76,022 | 67,593 | 67,534 |
| Industrial | 158,795 | 163,385 | 161,329 | 143,700 | 147,985 |
| Number of consumers | | | | | |
| Residential | 3,269,578 | 3,294,707 | 3,322,202 | 3,353,954 | 3,379,955 |
| Commercial | 258,104 | 258,134 | 259,813 | 279,001 | 262,812 |
| Industrial | 7,325 | 7,076 | 6,729 | 6,589 | 6,392 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 630 | 699 | 700 | 575 | 614 |
| Industrial | 23,234 | 24,908 | 25,801 | 23,395 | 24,820 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 3.14 | 3.03 | 2.41 | 2.05 | 4.23 |
| Exports | 3.15 | 3.38 | 2.69 | 2.05 | 3.76 |
| Citygate | 3.57 | 3.48 | 3.17 | 2.78 | 3.49 |
| Delivered to consumers | | | | | |
| Residential | 8.38 | 8.19 | 8.08 | 8.25 | 9.21 |
| Commercial | 7.02 | 6.91 | 6.81 | 6.86 | 7.87 |
| Industrial | 5.97 | 5.98 | 6.01 | 5.85 | 6.70 |
| Electric power | 3.29 | 3.40 | 2.75 | R2.14 | 4.22 |

^C Percentage is less than 0.05%.

^E Estimated data.

^{NA} Not available.

^R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2016-2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Beginning in 2008, Michigan revised the manner in which it reports natural gas production data, which resulted in a decrease of its production volumes compared to prior years. Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

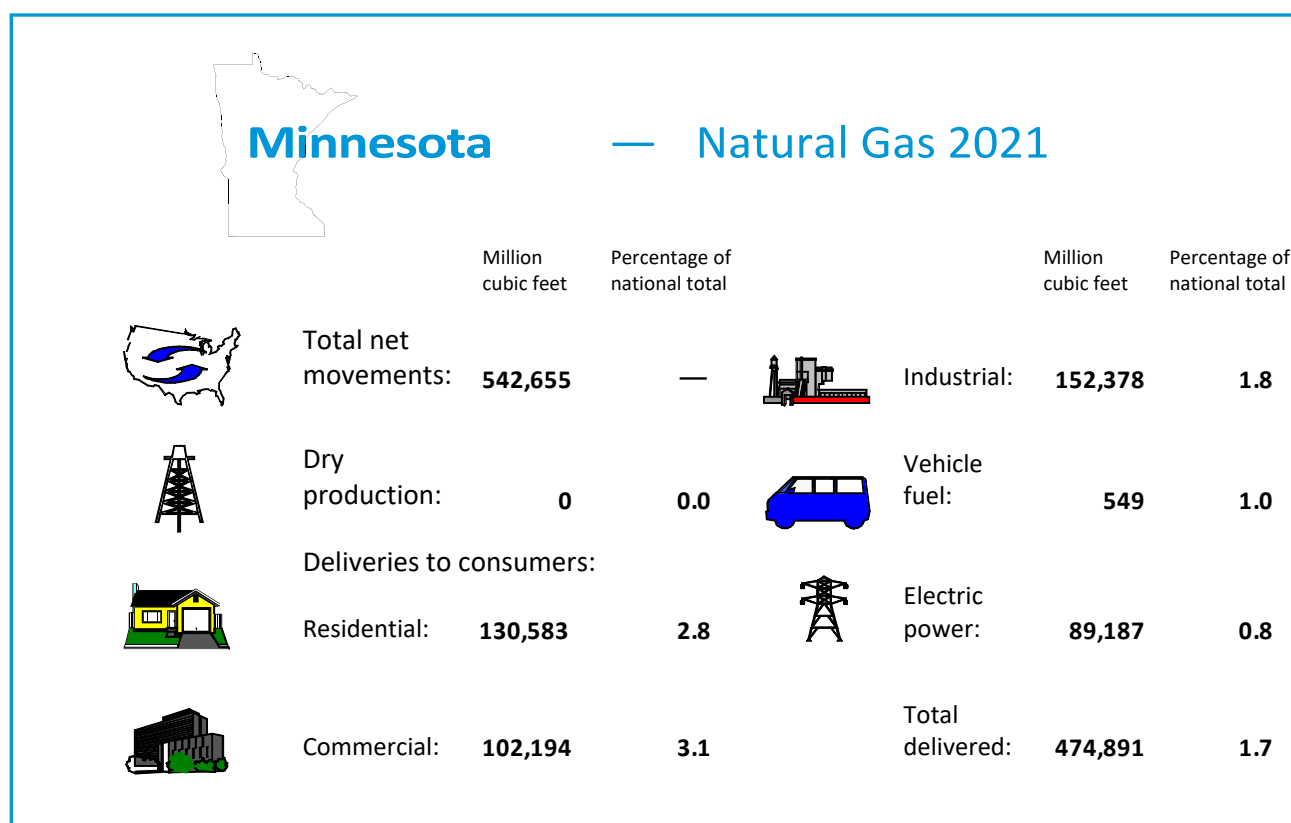


Table S25. Summary statistics for natural gas – Minnesota, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 487,541 | 316,945 | 319,069 | 267,337 | 378,456 |
| Intransit receipts | 0 | 0 | 177,458 | 193,403 | 228,531 |
| Interstate receipts | 1,643,809 | 1,995,688 | 1,692,747 | 1,494,672 | 1,623,444 |
| Withdrawals from storage | | | | | |
| Underground storage | 1,447 | 853 | 1,174 | 1,075 | 1,313 |
| Liquefied natural gas (LNG) storage | 1,726 | 2,671 | 2,523 | 1,172 | 1,403 |
| Supplemental gas supplies | 10 | 15 | 115 | 12 | 29 |
| Balancing item | -70,819 | -95,876 | -15,868 | R-24,033 | -52,930 |
| Total supply | 2,063,714 | 2,220,296 | 2,177,217 | R1,933,639 | 2,180,246 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 451,979 | 490,169 | 520,463 | R468,846 | 489,872 |
| Deliveries | | | | | |
| Exports | 6,330 | 12,882 | 13,668 | 8,696 | 3,238 |
| Intransit deliveries | 0 | 0 | * | * | 0 |
| Interstate deliveries | 1,602,878 | 1,713,116 | 1,639,322 | 1,453,715 | 1,684,538 |
| Additions to storage | | | | | |
| Underground storage | 1,199 | 1,127 | 1,099 | 1,023 | 1,368 |
| LNG storage | 1,329 | 3,001 | 2,665 | 1,358 | 1,230 |
| Total disposition | 2,063,714 | 2,220,296 | 2,177,217 | R1,933,639 | 2,180,246 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 12,926 | 13,617 | 12,776 | 10,730 | 14,981 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 123,898 | 141,400 | 144,577 | 130,119 | 130,583 |
| Commercial | 99,756 | 110,026 | 113,428 | 101,515 | 102,194 |
| Industrial | 165,901 | 161,560 | 162,437 | 140,554 | 152,378 |
| Vehicle fuel | 446 | 457 | 501 | 428 | 549 |
| Electric power | 49,052 | 63,110 | 86,744 | R85,500 | 89,187 |
| Total delivered to consumers | 439,053 | 476,552 | 507,687 | R458,116 | 474,891 |
| Total consumption | 451,979 | 490,169 | 520,463 | R468,846 | 489,872 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 11,828 | 12,860 | 12,834 | 11,996 | 11,961 |
| Industrial | 137,599 | 132,303 | 132,189 | 113,067 | 124,084 |
| Number of consumers | | | | | |
| Residential | 1,523,997 | 1,543,581 | 1,559,872 | 1,582,365 | 1,602,690 |
| Commercial | 139,668 | 140,877 | 141,629 | 142,905 | 144,067 |
| Industrial | 2,059 | 2,162 | 2,120 | 2,192 | 2,037 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 714 | 781 | 801 | 710 | 709 |
| Industrial | 80,574 | 74,727 | 76,621 | 64,121 | 74,805 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 2.69 | 2.87 | 2.31 | 1.98 | 3.58 |
| Exports | 2.88 | 3.36 | 2.55 | 1.95 | 3.44 |
| Citygate | 4.24 | 4.03 | 3.82 | 3.68 | 8.12 |
| Delivered to consumers | | | | | |
| Residential | 8.47 | 8.69 | 8.06 | 8.04 | 9.40 |
| Commercial | 6.80 | 7.08 | 6.63 | 6.39 | 7.79 |
| Industrial | 4.48 | 4.80 | 4.44 | 3.99 | 5.47 |
| Electric power | W | W | W | W | W |

* Volume is less than 500,000 cubic feet.

- Not applicable.

^R Revised data.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

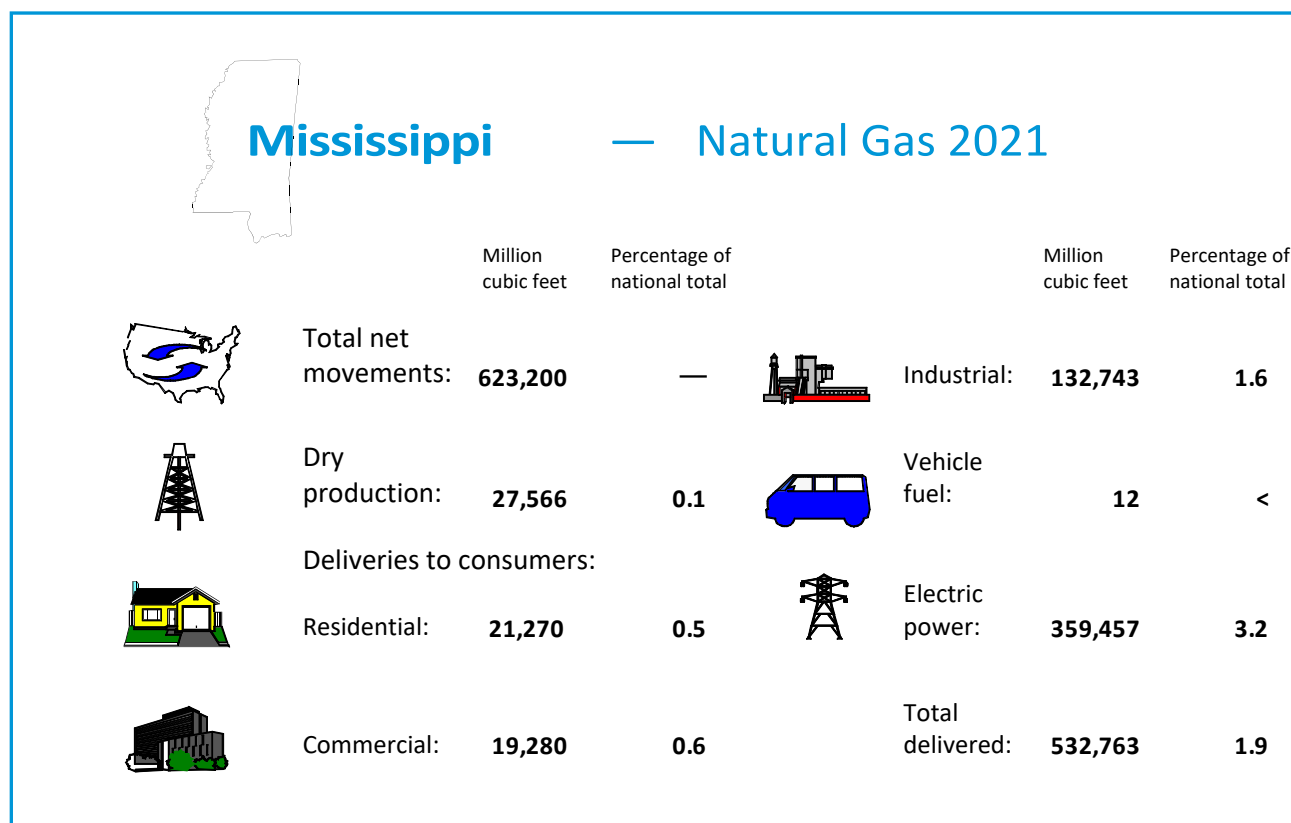


Table S26. Summary statistics for natural gas – Mississippi, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 32,871 | 30,633 | 27,573 | 24,033 | 23,773 |
| Oil wells | 5,558 | 4,931 | 5,735 | 4,101 | 3,797 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 9 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 38,438 | 35,564 | 33,307 | 28,134 | 27,569 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 38,438 | 35,564 | 33,307 | 28,134 | 27,569 |
| NGPL production, gaseous equivalent | 32 | 7 | 5 | 4 | 3 |
| Total dry production | 38,406 | 35,557 | 33,302 | 28,130 | 27,566 |
| Supply (million cubic feet) | | | | | |
| Dry production | 38,406 | 35,557 | 33,302 | 28,130 | 27,566 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 4,780,931 | 5,557,723 | 5,492,705 | R5,675,844 | 5,821,509 |
| Withdrawals from storage | | | | | |
| Underground storage | 230,972 | 263,338 | 230,094 | 186,250 | 264,277 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -93,276 | -97,761 | -126,371 | R-60,282 | -78,814 |
| Total supply | 4,957,033 | 5,758,856 | 5,629,730 | R5,829,942 | 6,034,538 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 526,862 | 576,888 | 567,348 | R593,111 | 567,327 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 4,221,015 | 4,925,639 | 4,820,070 | 5,050,012 | 5,198,309 |
| Additions to storage | | | | | |
| Underground storage | 209,156 | 256,329 | 242,312 | 186,819 | 268,902 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 4,957,033 | 5,758,856 | 5,629,730 | R5,829,942 | 6,034,538 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | £1,210 | £1,354 | £1,166 | 985 | £965 |
| Pipeline and distribution use | 19,542 | 26,521 | 27,950 | R30,076 | 32,902 |
| Plant fuel | 783 | 701 | 748 | 709 | 697 |
| Delivered to consumers | | | | | |
| Residential | 18,446 | 24,426 | 23,168 | 20,611 | 21,270 |
| Commercial | 17,643 | 21,039 | 20,407 | 18,322 | 19,280 |
| Industrial | 128,356 | 134,953 | 132,714 | R131,207 | 132,743 |
| Vehicle fuel | 20 | 38 | 9 | 6 | 12 |
| Electric power | 340,862 | 367,855 | 361,185 | R391,196 | 359,457 |
| Total delivered to consumers | 505,327 | 548,312 | 537,484 | R561,342 | 532,763 |
| Total consumption | 526,862 | 576,888 | 567,348 | R593,111 | 567,327 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 2,857 | 4,065 | 3,929 | 3,646 | 3,872 |
| Industrial | 116,945 | 123,012 | 121,026 | 119,909 | 121,868 |
| Number of consumers | | | | | |
| Residential | 464,330 | 464,826 | 466,782 | 463,705 | 429,652 |
| Commercial | 51,512 | 51,283 | 51,209 | 49,155 | 46,773 |
| Industrial | 963 | 952 | 942 | R903 | 851 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 343 | 410 | 399 | 373 | 412 |
| Industrial | 133,288 | 141,758 | 140,886 | R145,302 | 155,985 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.39 | 4.21 | 3.77 | 3.34 | 4.72 |
| Delivered to consumers | | | | | |
| Residential | 11.83 | 10.44 | 10.58 | 11.51 | 12.65 |
| Commercial | 8.82 | 8.50 | 8.50 | 8.67 | 9.95 |
| Industrial | 5.07 | 5.09 | 4.70 | R4.07 | 5.66 |
| Electric power | W | W | W | W | W |

-- Not applicable.

^ Percentage is less than 0.05%.

£ Estimated data.

NA Not available.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

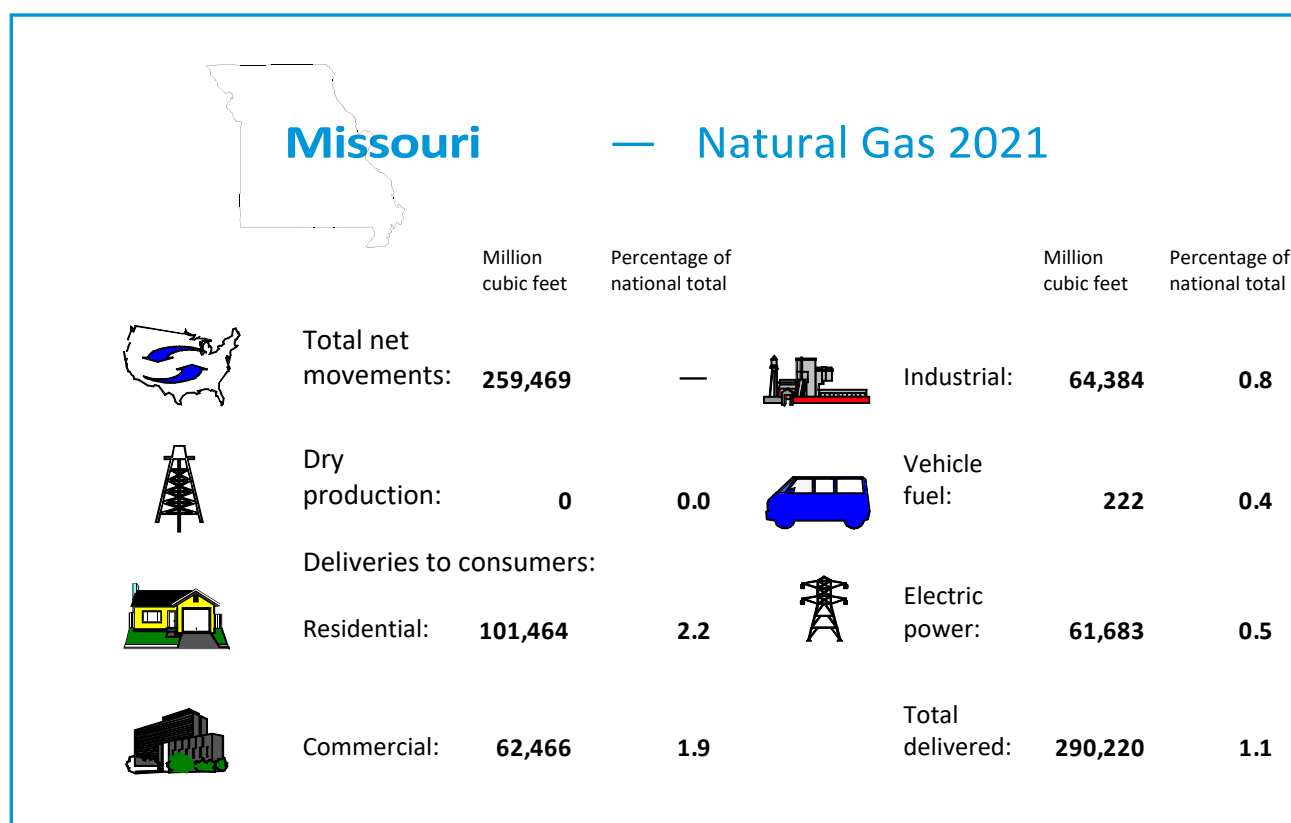


Table S27. Summary statistics for natural gas – Missouri, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 1 | 1 | 1 | 1 | NA |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 1 | 1 | 1 | 1 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | NA | NA | NA |
| Vented and flared | 0 | 0 | NA | NA | NA |
| Nonhydrocarbon gases removed | 0 | 0 | NA | NA | NA |
| Total non-marketed disposition | 0 | 0 | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 1 | 1 | 1 | 1 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 1 | 1 | 1 | 1 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 1 | 1 | 1 | 1 | 0 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,288,075 | 1,464,932 | 1,315,898 | 970,761 | 764,793 |
| Withdrawals from storage | | | | | |
| Underground storage | 2,541 | 2,893 | 3,603 | 2,283 | 2,461 |
| Liquefied natural gas (LNG) storage | 0 | 1 | 10 | 7 | 0 |
| Supplemental gas supplies | * | * | * | * | 19 |
| Balancing item | 22,178 | 40,580 | 32,675 | 1,001,012 | 35,547 |
| Total supply | 1,312,795 | 1,508,409 | 1,352,187 | 1,001,012 | 802,820 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 261,993 | 322,805 | 320,115 | R297,116 | 294,611 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 1,048,509 | 1,181,888 | 1,028,902 | 701,922 | 505,324 |
| Additions to storage | | | | | |
| Underground storage | 2,293 | 3,710 | 3,159 | 1,969 | 2,885 |
| LNG storage | 0 | 7 | 10 | 5 | 0 |
| Total disposition | 1,312,795 | 1,508,409 | 1,352,187 | R1,001,012 | 802,820 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | NA | NA | NA | 0 | NA |
| Pipeline and distribution use | 6,932 | 9,360 | 8,207 | 4,838 | 4,391 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 86,865 | 113,938 | 110,611 | 99,984 | 101,464 |
| Commercial | 57,903 | 69,381 | 67,930 | 60,417 | 62,466 |
| Industrial | 63,158 | 66,744 | 65,452 | 63,635 | 64,384 |
| Vehicle fuel | 163 | 405 | 378 | 181 | 222 |
| Electric power | 46,972 | 62,977 | 67,538 | R68,061 | 61,683 |
| Total delivered to consumers | 255,062 | 313,445 | 311,908 | R292,278 | 290,220 |
| Total consumption | 261,993 | 322,805 | 320,115 | R297,116 | 294,611 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 16,401 | 17,964 | 17,921 | 17,093 | 17,504 |
| Industrial | 55,511 | 57,552 | 57,284 | 56,189 | 56,505 |
| Number of consumers | | | | | |
| Residential | 1,386,940 | 1,410,178 | 1,421,619 | 1,437,585 | 1,444,001 |
| Commercial | 135,580 | 121,384 | 114,964 | 115,267 | 115,778 |
| Industrial | 3,154 | 3,155 | 3,130 | 3,093 | 3,042 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 427 | 572 | 591 | 524 | 540 |
| Industrial | 20,025 | 21,155 | 20,911 | 20,574 | 21,165 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.63 | 4.40 | 4.22 | 3.54 | 8.30 |
| Delivered to consumers | | | | | |
| Residential | 11.78 | 10.37 | 10.41 | 10.39 | 10.81 |
| Commercial | 8.44 | 7.96 | 7.67 | 7.35 | 7.70 |
| Industrial | 6.64 | 6.51 | 6.20 | 5.77 | 6.53 |
| Electric power | W | W | W | W | W |

* Volume is less than 500,000 cubic feet.

-- Not applicable.

NA Not available.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

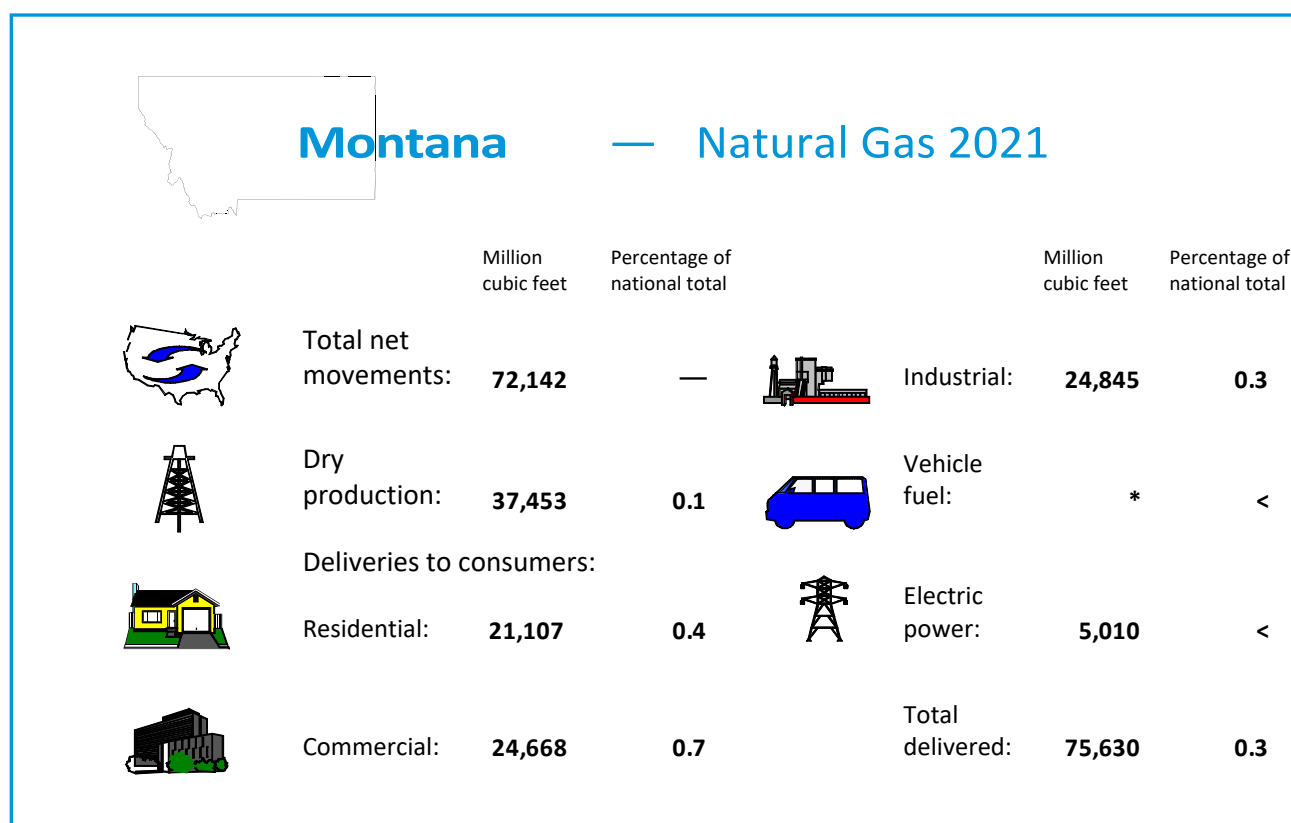


Table S28. Summary statistics for natural gas – Montana, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|-----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 10,283 | 12,751 | 11,020 | 8,879 | 21,800 |
| Oil wells | 20,698 | 25,113 | 28,047 | 27,031 | 3,407 |
| Coalbed wells | 365 | 98 | 56 | 3 | 7 |
| Shale gas wells | 18,092 | 9,111 | 9,494 | 5,909 | 16,613 |
| Total gross withdrawals | 49,437 | 47,074 | 48,616 | 41,823 | 41,827 |
| Non-marketed disposition | | | | | |
| Repressuring | 6 | 4 | 4 | 5 | 4 |
| Vented and flared | 3,121 | 3,540 | 5,078 | 3,855 | 3,130 |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | 3,126 | 3,544 | 5,082 | 3,860 | 3,134 |
| Dry production | | | | | |
| Marketed production | 46,311 | 43,530 | 43,534 | 37,963 | 38,693 |
| NGPL production, gaseous equivalent | 1,551 | 1,434 | 1,460 | 1,082 | 1,240 |
| Total dry production | 44,760 | 42,096 | 42,074 | 36,881 | 37,453 |
| Supply (million cubic feet) | | | | | |
| Dry production | 44,760 | 42,096 | 42,074 | 36,881 | 37,453 |
| Receipts | | | | | |
| Imports | 549,872 | 464,207 | 384,092 | 274,660 | 292,121 |
| Intransit receipts | 0 | 0 | 0 | 1,023 | 0 |
| Interstate receipts | 33,189 | 34,547 | 42,728 | 55,267 | 46,121 |
| Withdrawals from storage | | | | | |
| Underground storage | 26,699 | 30,793 | 24,255 | 26,132 | 28,106 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 4,578 | -1,778 | -2,014 | R-21,216 | -30,175 |
| Total supply | 659,098 | 569,865 | 491,135 | R372,747 | 373,627 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 80,036 | 87,034 | 88,321 | 81,603 | 81,624 |
| Deliveries | | | | | |
| Exports | 0 | 1 | 1 | * | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 554,722 | 459,277 | 378,961 | 257,801 | 266,101 |
| Additions to storage | | | | | |
| Underground storage | 24,340 | 23,554 | 23,852 | 33,342 | 25,903 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 659,098 | 569,865 | 491,135 | 837,747 | 373,627 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 2,753 | 2,919 | 3,494 | 2,428 | 2,608 |
| Pipeline and distribution use | 3,789 | 4,308 | 3,394 | 3,296 | 2,843 |
| Plant fuel | 560 | 508 | 527 | 493 | 542 |
| Delivered to consumers | | | | | |
| Residential | 21,481 | 22,619 | 23,932 | 21,764 | 21,107 |
| Commercial | 23,374 | 26,308 | 27,790 | 25,598 | 24,668 |
| Industrial | 23,393 | 25,244 | 23,689 | 24,598 | 24,845 |
| Vehicle fuel | * | * | * | * | * |
| Electric power | 4,688 | 5,129 | 5,495 | 3,426 | 5,010 |
| Total delivered to consumers | 72,935 | 79,300 | 80,906 | 75,386 | 75,630 |
| Total consumption | 80,036 | 87,034 | 88,321 | 81,603 | 81,624 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 126 | 111 | 100 | 71 | 57 |
| Commercial | 11,764 | 13,918 | 14,593 | 13,770 | 12,992 |
| Industrial | 23,059 | 24,882 | 23,306 | 24,283 | 24,517 |
| Number of consumers | | | | | |
| Residential | 275,360 | 278,298 | 281,112 | 284,373 | 287,380 |
| Commercial | 36,725 | 37,281 | 37,757 | 38,246 | 38,887 |
| Industrial | 355 | 346 | 342 | 337 | 338 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 636 | 706 | 736 | 669 | 634 |
| Industrial | 65,894 | 72,961 | 69,267 | 72,991 | 73,506 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 2.19 | 1.94 | 1.90 | 1.87 | 3.58 |
| Exports | -- | 7.90 | 1.70 | 1.05 | -- |
| Citygate | 3.28 | 3.02 | 2.66 | 2.92 | 4.92 |
| Delivered to consumers | | | | | |
| Residential | 7.62 | 7.32 | 7.09 | 7.22 | 8.86 |
| Commercial | 7.42 | 7.09 | 6.89 | 6.98 | 8.70 |
| Industrial | 6.60 | 6.42 | 5.85 | 5.99 | 7.14 |
| Electric power | W | W | W | W | 3.43 |

* Volume is less than 500,000 cubic feet.

-- Not applicable.

< Percentage is less than 0.05%.

^E Estimated data.

^{NA} Not available.

^R Revised data.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

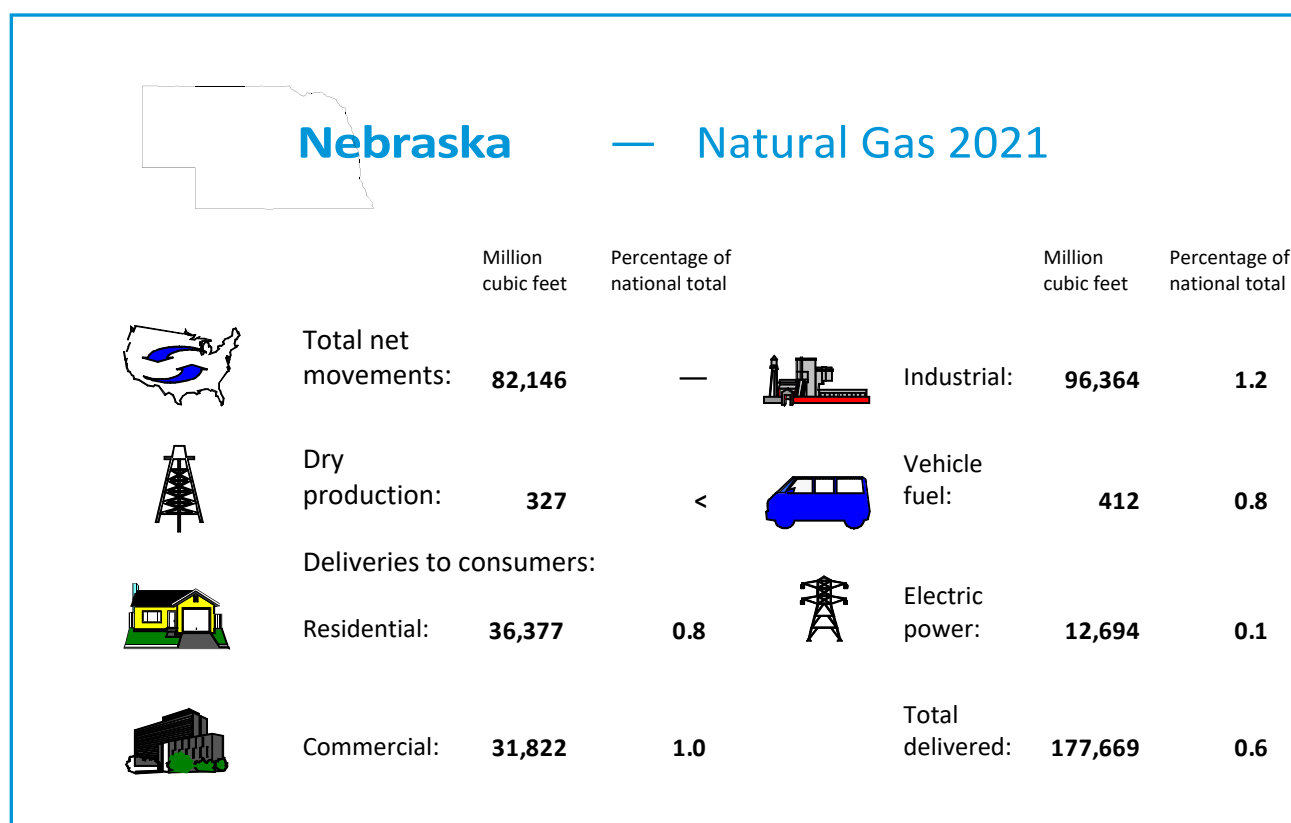


Table S29. Summary statistics for natural gas – Nebraska, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 47 | 16 | 11 | 7 | 1 |
| Oil wells | 48 | 40 | 32 | 20 | 6 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 359 | 377 | 342 | 324 | 320 |
| Total gross withdrawals | 455 | 433 | 384 | 351 | 327 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 455 | 433 | 384 | 351 | 327 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 455 | 433 | 384 | 351 | 327 |
| Supply (million cubic feet) | | | | | |
| Dry production | 455 | 433 | 384 | 351 | 327 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 2,208,888 | 2,510,906 | 2,076,203 | 1,600,068 | 1,245,549 |
| Withdrawals from storage | | | | | |
| Underground storage | 9,113 | 8,596 | 7,794 | 9,686 | 7,578 |
| Liquefied natural gas (LNG) storage | 345 | 294 | 397 | 172 | 635 |
| Supplemental gas supplies | 770 | 622 | 161 | 54 | 366 |
| Balancing item | 49,970 | -56,491 | -14,473 | 1,657,942 | 98,974 |
| Total supply | 2,269,539 | 2,464,360 | 2,070,467 | 1,657,942 | 1,353,429 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 166,286 | 185,949 | 185,928 | 180,677 | 181,472 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 2,095,153 | 2,269,857 | 1,875,023 | 1,467,497 | 1,163,403 |
| Additions to storage | | | | | |
| Underground storage | 7,847 | 8,132 | 9,160 | 9,551 | 7,919 |
| LNG storage | 252 | 422 | 356 | 217 | 635 |
| Total disposition | 2,269,539 | 2,464,360 | 2,070,467 | 1,657,942 | 1,353,429 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 79 | 78 | 68 | 63 | 58 |
| Pipeline and distribution use | 7,291 | 9,280 | 6,945 | 6,139 | 3,745 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 34,069 | 42,379 | 41,639 | 36,999 | 36,377 |
| Commercial | 29,018 | 35,349 | 35,388 | 31,600 | 31,822 |
| Industrial | 89,521 | 89,516 | 89,696 | 94,881 | 96,364 |
| Vehicle fuel | 141 | 150 | 155 | 159 | 412 |
| Electric power | 6,168 | 9,196 | 12,037 | 10,837 | 12,694 |
| Total delivered to consumers | 158,916 | 176,591 | 178,915 | 174,475 | 177,669 |
| Total consumption | 166,286 | 185,949 | 185,928 | 180,677 | 181,472 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 4,251 | 5,009 | 5,122 | 4,489 | 4,425 |
| Commercial | 13,022 | 15,469 | 15,726 | 14,122 | 14,158 |
| Industrial | 84,101 | 84,809 | 84,746 | 89,902 | 91,319 |
| Number of consumers | | | | | |
| Residential | 533,844 | 538,069 | 553,265 | 542,706 | 553,328 |
| Commercial | 58,538 | 58,786 | 59,808 | 58,723 | 61,629 |
| Industrial | 5,821 | 5,379 | 5,311 | 5,526 | 5,507 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 496 | 601 | 592 | 538 | 516 |
| Industrial | 15,379 | 16,642 | 16,889 | 17,170 | 17,498 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.31 | 4.11 | 3.65 | 3.23 | 6.60 |
| Delivered to consumers | | | | | |
| Residential | 9.01 | 8.54 | 7.90 | 8.04 | 9.59 |
| Commercial | 6.37 | 6.28 | 5.83 | 5.46 | 6.69 |
| Industrial | 4.54 | 4.48 | 4.27 | 3.88 | 5.36 |
| Electric power | 4.23 | 3.77 | 3.16 | 2.52 | 10.52 |

-- Not applicable.

^ Percentage is less than 0.05%.

^E Estimated data.

^{NA} Not available.

^R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles* (2017); state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

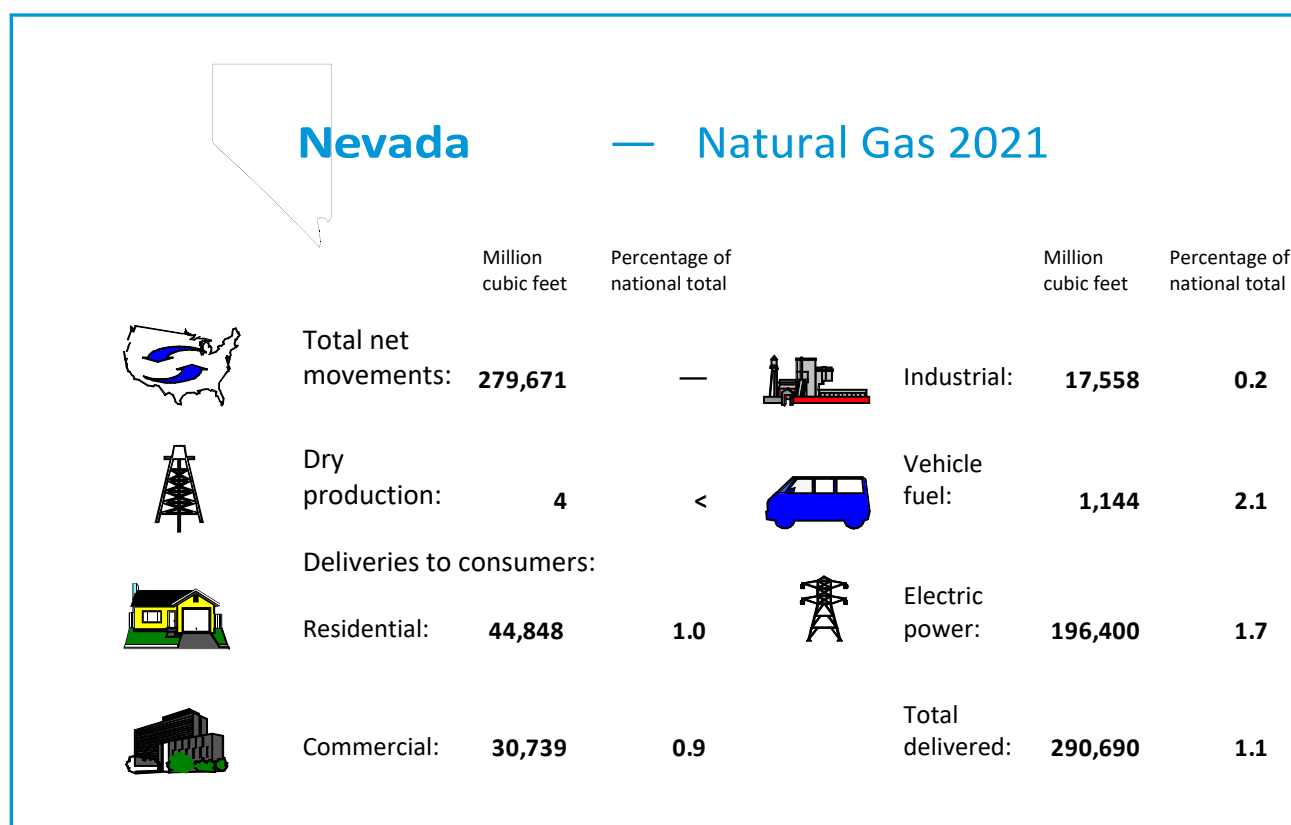


Table S30. Summary statistics for natural gas – Nevada, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | * | 0 | * | 0 | 1 |
| Oil wells | 3 | 3 | 5 | 12 | 3 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 3 | 3 | 5 | 12 | 4 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 3 | 3 | 5 | 12 | 4 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 3 | 3 | 5 | 12 | 4 |
| Supply (million cubic feet) | | | | | |
| Dry production | 3 | 3 | 5 | 12 | 4 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,038,515 | 1,024,725 | 1,082,508 | 1,043,455 | 1,006,681 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 210 | 86 | 110 | 131 | 95 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 8,872 | 18,981 | 22,678 | 14,093 | 14,483 |
| Total supply | 1,047,600 | 1,043,795 | 1,105,300 | 1,057,691 | 1,021,264 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 293,849 | 299,783 | 302,555 | R299,340 | 294,161 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 1 |
| Interstate deliveries | 753,548 | 743,926 | 802,663 | 758,243 | 727,009 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 204 | 86 | 83 | 108 | 92 |
| Total disposition | 1,047,600 | 1,043,795 | 1,105,300 | R1,057,691 | 1,021,264 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | £3 | £3 | £5 | 12 | £4 |
| Pipeline and distribution use | 3,780 | 3,945 | 4,304 | R3,899 | 3,467 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 40,911 | 41,837 | 47,931 | 46,009 | 44,848 |
| Commercial | 32,200 | 32,772 | 35,190 | 25,837 | 30,739 |
| Industrial | 19,269 | 20,153 | 20,681 | 19,264 | 17,558 |
| Vehicle fuel | 1,145 | 1,233 | 1,271 | 1,133 | 1,144 |
| Electric power | 196,541 | 199,840 | 193,172 | R203,186 | 196,400 |
| Total delivered to consumers | 290,066 | 295,836 | 298,245 | R295,429 | 290,690 |
| Total consumption | 293,849 | 299,783 | 302,555 | R299,340 | 294,161 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 13,167 | 13,558 | 13,990 | 7,760 | 11,764 |
| Industrial | 16,484 | 17,298 | 17,669 | 16,420 | 14,485 |
| Number of consumers | | | | | |
| Residential | 854,518 | 871,236 | 887,612 | 906,016 | 922,888 |
| Commercial | 43,966 | 44,615 | 45,373 | 46,111 | 46,515 |
| Industrial | 225 | 231 | 216 | 224 | 226 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 732 | 735 | 776 | 560 | 661 |
| Industrial | 85,641 | 87,243 | 95,747 | 86,001 | 77,692 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.13 | 3.99 | 4.11 | 3.23 | 6.06 |
| Delivered to consumers | | | | | |
| Residential | 8.82 | 9.24 | 9.50 | 10.36 | 9.72 |
| Commercial | 5.71 | 6.34 | 6.49 | 7.25 | 6.56 |
| Industrial | 5.06 | 5.35 | 5.81 | 6.00 | 5.59 |
| Electric power | 3.51 | 3.28 | 3.20 | R2.75 | 4.68 |

* Volume is less than 500,000 cubic feet.

† Not applicable.

‡ Percentage is less than 0.05%.

§ Estimated data.

¶ Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

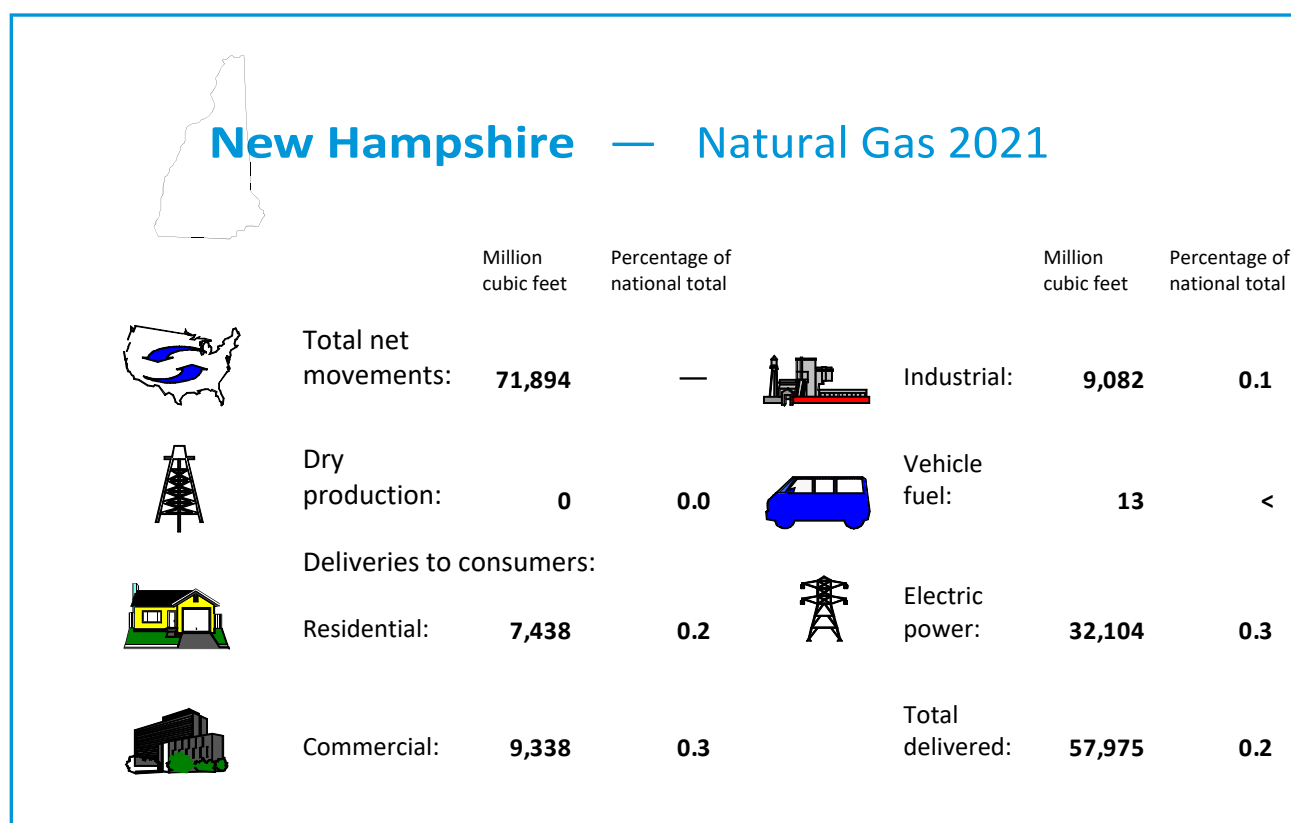


Table S31. Summary statistics for natural gas – New Hampshire, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 65,257 | 93,181 | 100,086 | 99,821 | 109,240 |
| Intransit receipts | 497 | 0 | 0 | 0 | 0 |
| Interstate receipts | 82,757 | 183,361 | 183,726 | 184,136 | 198,973 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 124 | 192 | 222 | 89 | 190 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -8,373 | -7,161 | -4,593 | -6,300 | -13,643 |
| Total supply | 140,261 | 269,573 | 279,440 | 277,746 | 294,760 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 52,071 | 49,888 | 53,650 | 51,966 | 58,252 |
| Deliveries | | | | | |
| Exports | 889 | 705 | 1,992 | 34 | 113 |
| Intransit deliveries | 0 | * | 0 | 0 | 0 |
| Interstate deliveries | 87,181 | 218,784 | 223,571 | 225,654 | 236,206 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 121 | 195 | 227 | 91 | 189 |
| Total disposition | 140,261 | 269,573 | 279,440 | 277,746 | 294,760 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 186 | 146 | 163 | 153 | 277 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 7,331 | 8,134 | 8,034 | 7,403 | 7,438 |
| Commercial | 9,078 | 10,129 | 10,135 | 9,036 | 9,338 |
| Industrial | 9,499 | 9,916 | 9,834 | 9,293 | 9,082 |
| Vehicle fuel | 2 | * | 23 | 19 | 13 |
| Electric power | 25,975 | 21,563 | 25,460 | 26,063 | 32,104 |
| Total delivered to consumers | 51,885 | 49,742 | 53,487 | 51,814 | 57,975 |
| Total consumption | 52,071 | 49,888 | 53,650 | 51,966 | 58,252 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 4,174 | 4,416 | 4,290 | 3,636 | 3,787 |
| Industrial | 9,032 | 9,116 | 9,115 | 8,675 | 8,349 |
| Number of consumers | | | | | |
| Residential | 105,540 | 107,447 | 109,303 | 112,022 | 113,574 |
| Commercial | 18,507 | 18,696 | 19,076 | 19,485 | 19,630 |
| Industrial | 186 | 193 | 194 | 195 | 198 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 491 | 542 | 531 | 464 | 476 |
| Industrial | 51,069 | 51,376 | 50,693 | 47,654 | 45,869 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 4.19 | 5.08 | 3.54 | 2.43 | 4.58 |
| Exports | 2.22 | 10.30 | 8.73 | 2.31 | 2.59 |
| Citygate | 5.86 | 7.12 | 5.74 | 4.91 | 6.40 |
| Delivered to consumers | | | | | |
| Residential | 14.55 | 15.35 | 15.75 | 14.66 | 16.31 |
| Commercial | 11.71 | 12.72 | 12.48 | 11.29 | 12.60 |
| Industrial | 9.09 | 9.81 | 9.45 | 8.47 | 9.53 |
| Electric power | W | W | W | W | W |

* Volume is less than 500,000 cubic feet.

^ Not applicable.

< Percentage is less than 0.05%.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

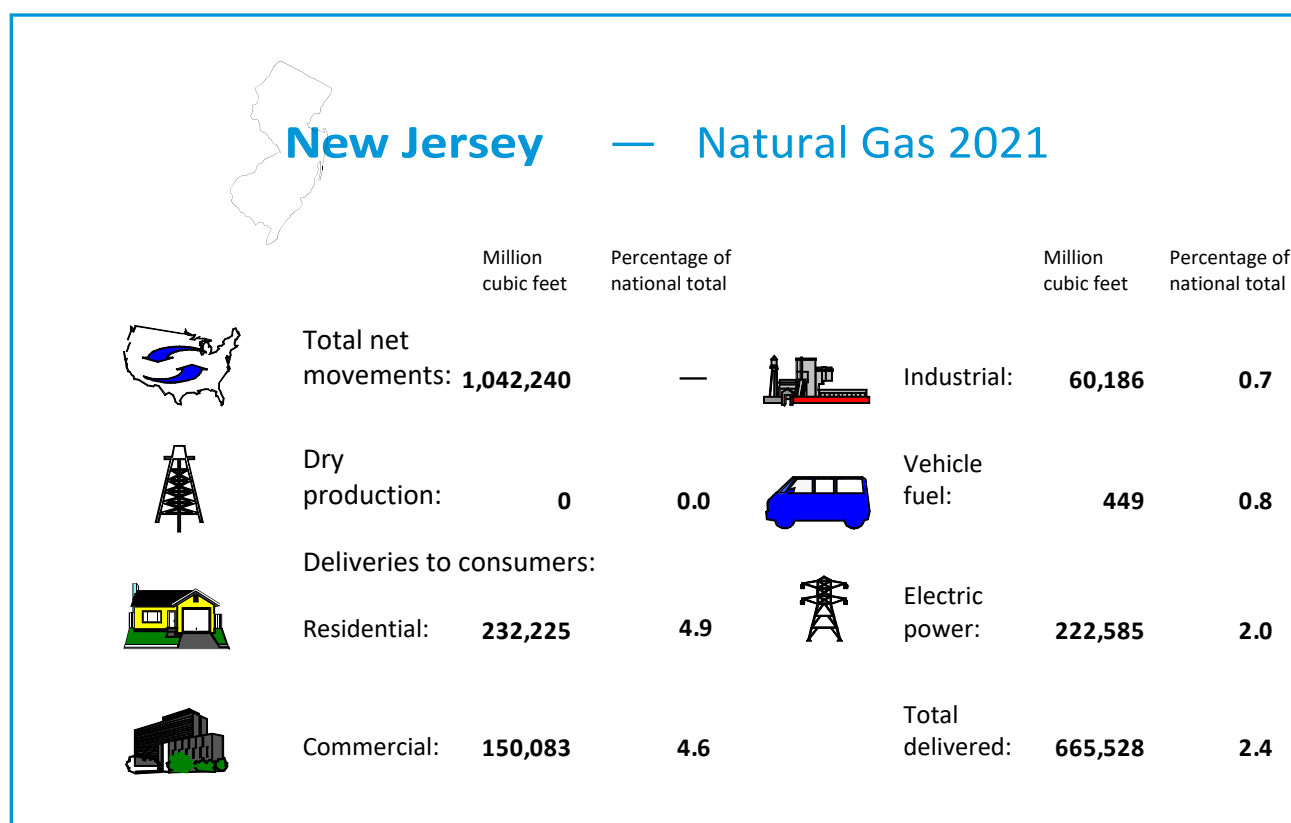


Table S32. Summary statistics for natural gas – New Jersey, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,718,923 | 1,634,610 | 1,699,035 | 1,535,454 | 1,759,906 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 4,104 | 4,047 | 3,584 | 2,223 | 1,782 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -156,996 | -124,792 | -125,206 | R-128,983 | -368,713 |
| Total supply | 1,566,031 | 1,513,865 | 1,577,412 | R1,408,694 | 1,392,975 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 706,589 | 770,284 | 761,005 | 653,447 | 672,934 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 854,697 | 737,708 | 812,232 | 752,477 | 717,665 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 4,744 | 5,873 | 4,175 | 2,770 | 2,375 |
| Total disposition | 1,566,031 | 1,513,865 | 1,577,412 | 1,408,694 | 1,392,975 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 5,681 | 5,464 | 8,667 | 6,809 | 7,407 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 221,608 | 247,585 | 239,055 | 223,370 | 232,225 |
| Commercial | 148,948 | 167,351 | 155,507 | 138,105 | 150,083 |
| Industrial | 54,298 | 64,167 | 65,061 | 58,710 | 60,186 |
| Vehicle fuel | 402 | 421 | 343 | 277 | 449 |
| Electric power | 275,653 | 285,296 | 292,372 | 226,176 | 222,585 |
| Total delivered to consumers | 700,909 | 764,821 | 752,338 | 646,638 | 665,528 |
| Total consumption | 706,589 | 770,284 | 761,005 | 653,447 | 672,934 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 11,783 | 11,247 | 8,475 | 7,268 | 6,628 |
| Commercial | 85,366 | 98,428 | 85,199 | 78,850 | 85,617 |
| Industrial | 50,730 | 60,291 | 60,833 | 55,104 | 56,470 |
| Number of consumers | | | | | |
| Residential | 2,784,377 | 2,816,414 | 2,844,264 | 2,871,126 | 2,904,021 |
| Commercial | 244,910 | 246,103 | 246,963 | 247,736 | 249,225 |
| Industrial | 6,822 | 6,972 | 6,927 | 6,813 | 6,696 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 608 | 680 | 630 | 557 | 602 |
| Industrial | 7,959 | 9,204 | 9,392 | 8,617 | 8,988 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.27 | 4.68 | 4.83 | 4.38 | 4.75 |
| Delivered to consumers | | | | | |
| Residential | 9.14 | 9.09 | 9.73 | 9.92 | 10.26 |
| Commercial | 9.14 | 9.01 | 9.05 | 8.79 | 10.14 |
| Industrial | 7.92 | 8.03 | 7.63 | 7.54 | 9.42 |
| Electric power | 2.83 | 3.18 | 2.89 | 1.85 | 3.72 |

-- Not applicable.

^R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

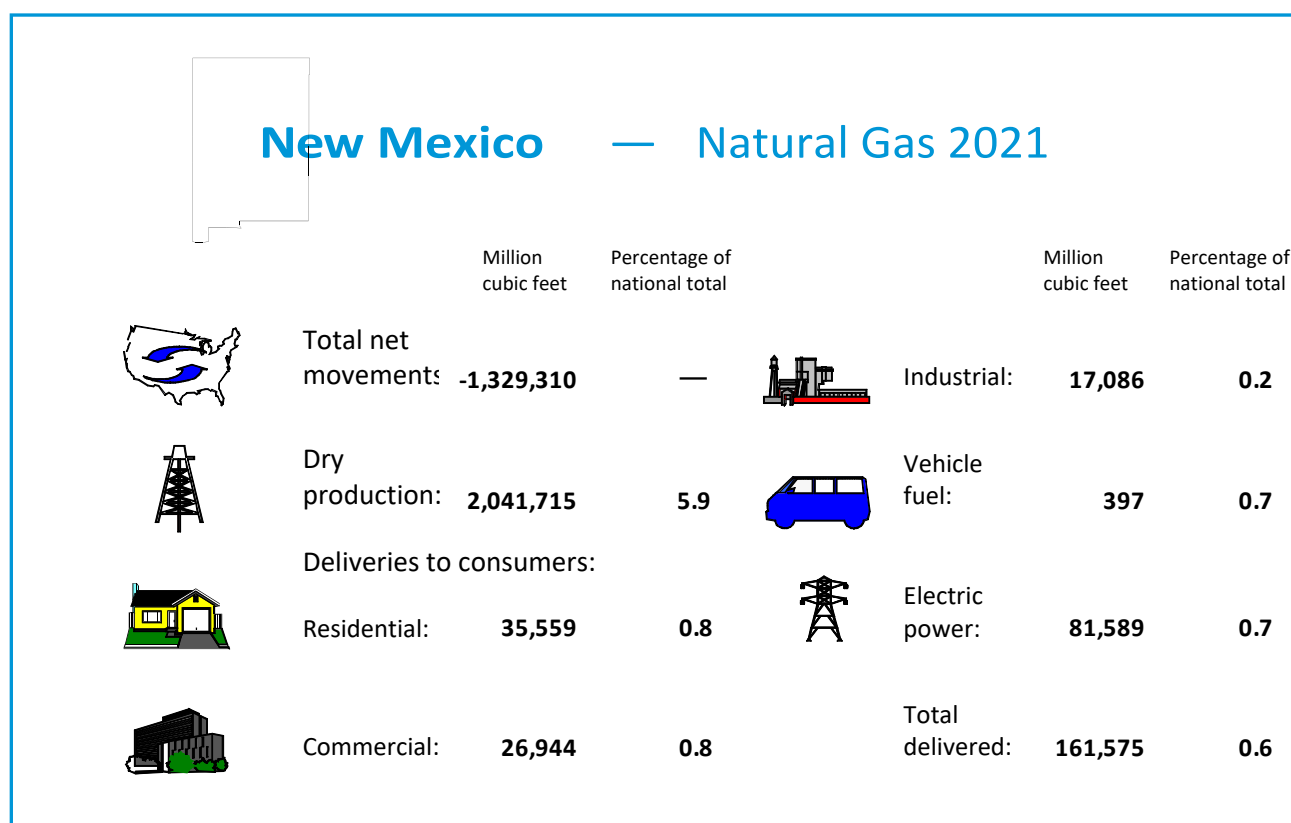


Table S33. Summary statistics for natural gas – New Mexico, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 316,914 | 523,228 | 486,650 | 460,767 | 449,988 |
| Oil wells | 224,149 | 78,929 | 75,978 | 76,220 | 90,097 |
| Coalbed wells | 235,324 | 235,102 | 220,605 | 204,201 | 195,935 |
| Shale gas wells | 546,632 | 703,725 | 1,034,994 | 1,246,790 | 1,541,015 |
| Total gross withdrawals | 1,323,019 | 1,540,984 | 1,818,227 | 1,987,979 | 2,277,035 |
| Non-marketed disposition | | | | | |
| Repressuring | 5,738 | 4,830 | 3,015 | 11,375 | 22,616 |
| Vented and flared | 17,494 | 37,413 | 37,294 | 21,776 | 16,713 |
| Nonhydrocarbon gases removed | 55 | 5,659 | 8,831 | 6,661 | NA |
| Total non-marketed disposition | 23,287 | 47,902 | 49,140 | 39,811 | 39,329 |
| Dry production | | | | | |
| Marketed production | 1,299,732 | 1,493,082 | 1,769,086 | 1,948,168 | 2,237,706 |
| NGPL production, gaseous equivalent | 96,526 | 125,141 | 169,911 | R189,942 | 195,991 |
| Total dry production | 1,203,206 | 1,367,940 | 1,599,175 | R1,758,226 | 2,041,715 |
| Supply (million cubic feet) | | | | | |
| Dry production | 1,203,206 | 1,367,940 | 1,599,175 | R1,758,226 | 2,041,715 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 527,216 | 631,002 | 753,621 | 780,091 | 631,316 |
| Withdrawals from storage | | | | | |
| Underground storage | 22,897 | 23,619 | 13,832 | 12,896 | 28,448 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 36,300 | -62,757 | -218,293 | R-280,594 | -452,837 |
| Total supply | 1,789,619 | 1,959,805 | 2,148,335 | R2,270,619 | 2,248,642 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 239,305 | 271,547 | 296,352 | R284,083 | 276,033 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 1,539,168 | 1,674,384 | 1,826,372 | 1,967,960 | 1,960,626 |
| Additions to storage | | | | | |
| Underground storage | 11,146 | 13,874 | 25,611 | 18,576 | 11,983 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 1,789,619 | 1,959,805 | 2,148,335 | R2,270,619 | 2,248,642 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E42,227 | E40,029 | E43,651 | 45,219 | 59,541 |
| Pipeline and distribution use | 8,723 | 9,903 | 12,192 | R12,876 | 10,730 |
| Plant fuel | 43,656 | 43,798 | 46,454 | 45,920 | 44,187 |
| Delivered to consumers | | | | | |
| Residential | 29,993 | 34,438 | 42,384 | 36,436 | 35,559 |
| Commercial | 23,624 | 25,948 | 29,661 | 25,408 | 26,944 |
| Industrial | 15,412 | 18,769 | 18,362 | 18,006 | 17,086 |
| Vehicle fuel | 212 | 224 | 217 | 377 | 397 |
| Electric power | 75,459 | 98,438 | 103,430 | R99,840 | 81,589 |
| Total delivered to consumers | 144,699 | 177,817 | 194,054 | R180,067 | 161,575 |
| Total consumption | 239,305 | 271,547 | 296,352 | R284,083 | 276,033 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 11 | 12 | 12 | 10 | 9 |
| Commercial | 10,878 | 11,383 | 12,022 | 10,343 | 11,571 |
| Industrial | 14,387 | 17,675 | 16,760 | 15,575 | 14,574 |
| Number of consumers | | | | | |
| Residential | 586,688 | 592,775 | 594,859 | 605,734 | 609,186 |
| Commercial | 51,029 | 51,222 | 51,179 | 51,655 | 51,221 |
| Industrial | 92 | 82 | 91 | 98 | 540 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 463 | 507 | 580 | 492 | 526 |
| Industrial | 167,519 | 228,896 | 201,778 | 183,734 | 31,641 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 3.51 | 3.05 | 2.56 | 2.52 | 6.96 |
| Delivered to consumers | | | | | |
| Residential | 9.22 | 7.89 | 6.40 | 7.04 | 9.77 |
| Commercial | 6.59 | 5.57 | 4.56 | 4.76 | 7.33 |
| Industrial | 5.06 | 3.72 | 3.48 | 3.06 | 6.03 |
| Electric power | 3.58 | 2.53 | 1.30 | 1.65 | 5.60 |

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

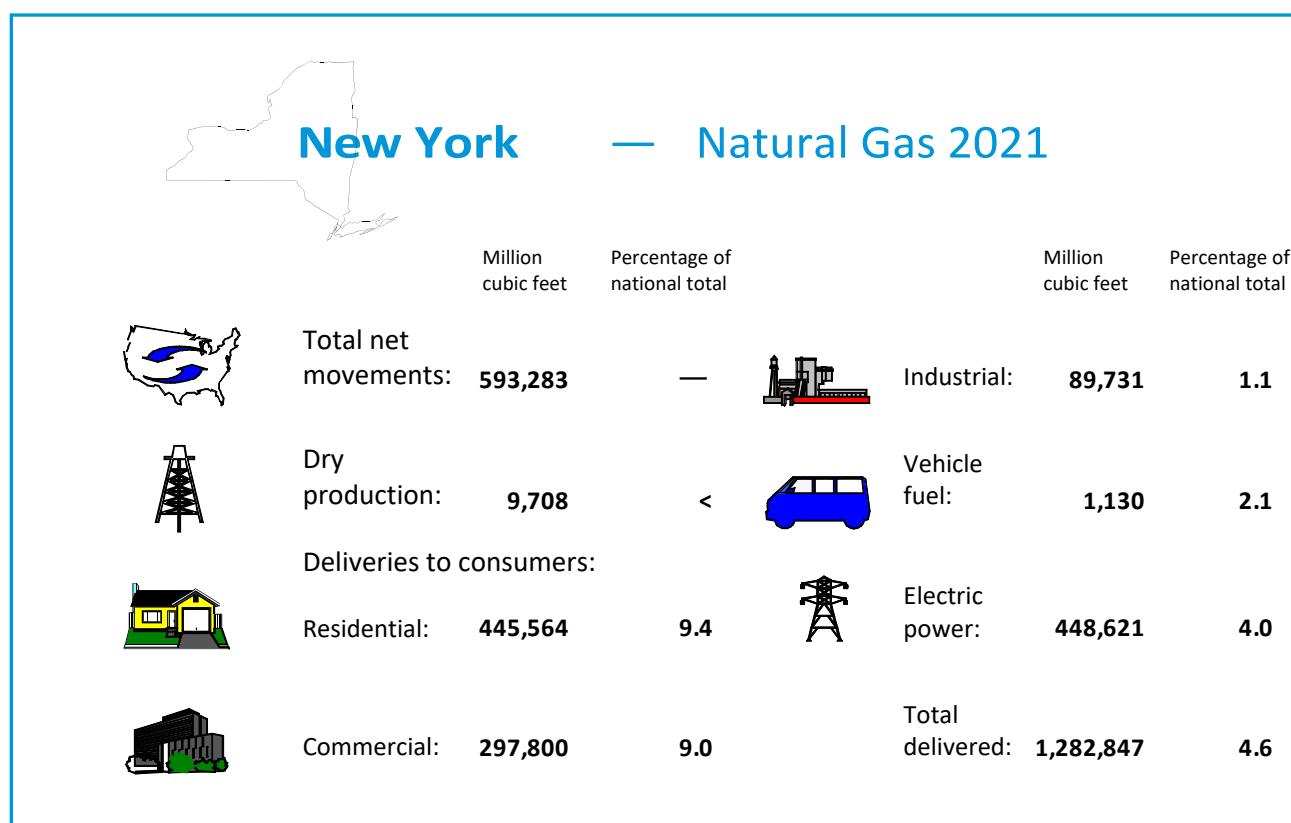


Table S34. Summary statistics for natural gas – New York, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 11,246 | 10,420 | 10,663 | 9,512 | 9,322 |
| Oil wells | 129 | 221 | 280 | 166 | 374 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 20 | 12 | 19 | 14 | 12 |
| Total gross withdrawals | 11,395 | 10,653 | 10,962 | 9,692 | 9,708 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | NA |
| Vented and flared | 0 | 0 | 0 | 0 | NA |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | NA |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | NA |
| Dry production | | | | | |
| Marketed production | 11,395 | 10,653 | 10,962 | 9,692 | 9,708 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 11,395 | 10,653 | 10,962 | 9,692 | 9,708 |
| Supply (million cubic feet) | | | | | |
| Dry production | 11,395 | 10,653 | 10,962 | 9,692 | 9,708 |
| Receipts | | | | | |
| Imports | 149,227 | 191,792 | 175,765 | 179,361 | 199,441 |
| Intransit receipts | 0 | 0 | 0 | 0 | * |
| Interstate receipts | 2,456,908 | 1,853,038 | 1,885,060 | 1,776,623 | 1,843,181 |
| Withdrawals from storage | | | | | |
| Underground storage | 89,893 | 94,714 | 76,395 | 78,415 | 86,561 |
| Liquefied natural gas (LNG) storage | 1,231 | 791 | 815 | 490 | 708 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -212,140 | 503,468 | 433,091 | 479,149 | 714,193 |
| Total supply | 2,496,514 | 2,654,457 | 2,582,087 | 2,523,730 | 2,853,791 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 1,237,311 | 1,350,443 | 1,296,268 | R1,263,584 | 1,318,560 |
| Deliveries | | | | | |
| Exports | 286,338 | 275,654 | 276,594 | 277,083 | 256,336 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 16,265 |
| Interstate deliveries | 878,812 | 946,746 | 916,886 | 903,594 | 1,176,738 |
| Additions to storage | | | | | |
| Underground storage | 93,013 | 80,521 | 91,709 | 78,732 | 85,110 |
| LNG storage | 1,040 | 1,093 | 629 | 737 | 782 |
| Total disposition | 2,496,514 | 2,654,457 | 2,582,087 | R2,523,730 | 2,853,791 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E182 | E170 | E175 | 155 | E155 |
| Pipeline and distribution use | 24,890 | 26,482 | 29,832 | 26,691 | 35,558 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 432,566 | 485,693 | 473,617 | 437,122 | 445,564 |
| Commercial | 310,319 | 330,213 | 322,778 | 288,916 | 297,800 |
| Industrial | 82,848 | 91,430 | 90,330 | 86,401 | 89,731 |
| Vehicle fuel | 1,016 | 960 | 970 | 922 | 1,130 |
| Electric power | 385,490 | 415,495 | 378,567 | R423,377 | 448,621 |
| Total delivered to consumers | 1,212,239 | 1,323,790 | 1,266,261 | R1,236,738 | 1,282,847 |
| Total consumption | 1,237,311 | 1,350,443 | 1,296,268 | R1,263,584 | 1,318,560 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 115,744 | 125,815 | 115,546 | 104,769 | 100,557 |
| Commercial | 199,225 | 206,234 | 199,130 | 176,108 | 177,305 |
| Industrial | 78,048 | 86,152 | 85,107 | 81,783 | 85,055 |
| Number of consumers | | | | | |
| Residential | 4,492,315 | 4,523,141 | 4,545,244 | 4,547,497 | 4,559,338 |
| Commercial | 401,143 | 405,066 | 410,386 | 415,879 | 424,324 |
| Industrial | 6,650 | 6,867 | 7,049 | 6,663 | 6,044 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 774 | 815 | 787 | 695 | 702 |
| Industrial | 12,458 | 13,314 | 12,815 | 12,967 | 14,846 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 4.13 | 4.47 | 3.43 | 2.35 | 4.22 |
| Exports | 2.94 | 3.03 | 2.51 | 1.84 | 3.57 |
| Citygate | 4.29 | 4.87 | 4.25 | 3.65 | 4.77 |
| Delivered to consumers | | | | | |
| Residential | 12.04 | 12.37 | 12.61 | 12.80 | 13.78 |
| Commercial | 6.87 | 7.36 | 7.21 | 6.88 | 7.91 |
| Industrial | 7.21 | 7.83 | 7.70 | 7.00 | 8.38 |
| Electric power | 3.46 | 3.87 | 3.05 | R2.19 | 4.10 |

* Volume is less than 500,000 cubic feet.

^ Percentage is less than 0.05%.

E Estimated data.

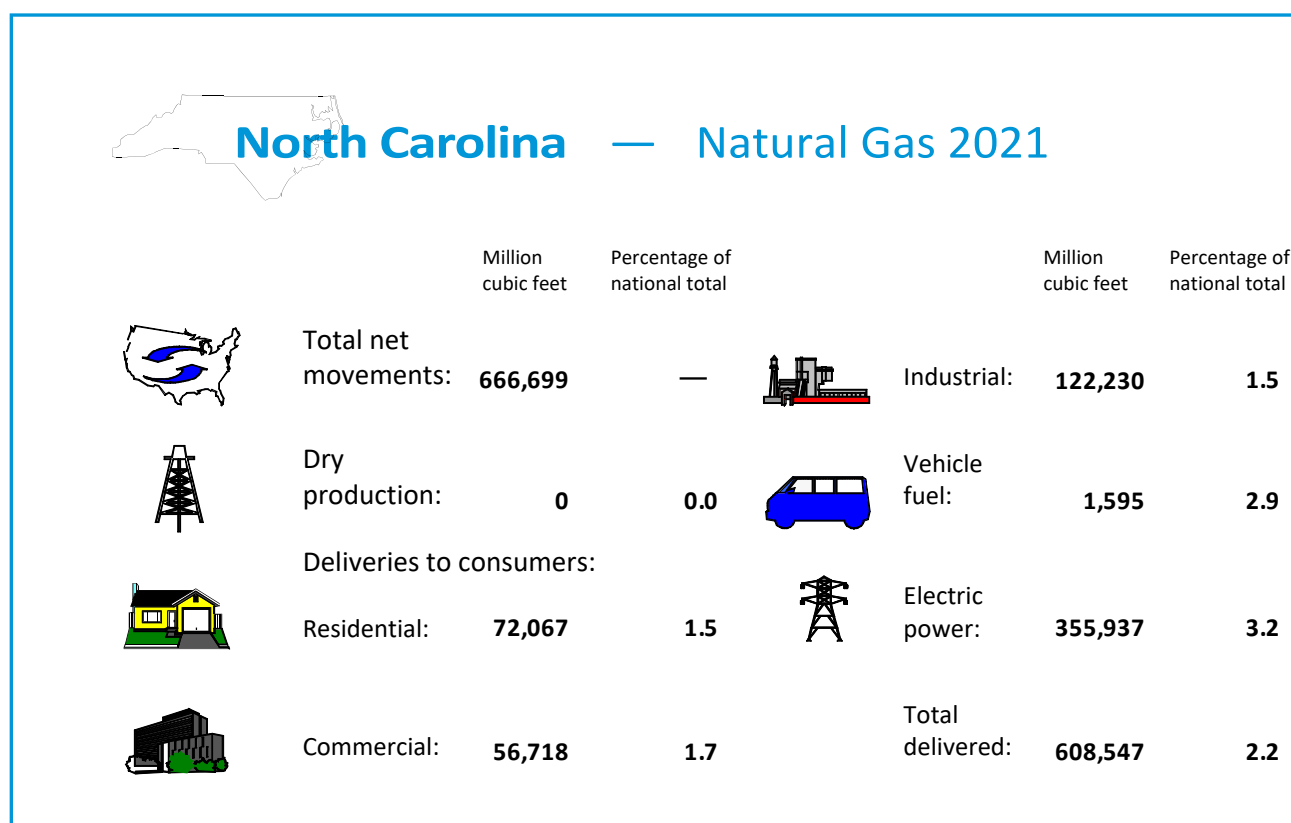
NA Not available.

R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-910, *Monthly Natural Gas Marketer Survey*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

**Table S35. Summary statistics for natural gas – North Carolina, 2017-2021**

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|-----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 545,883 | 620,787 | 595,836 | 581,973 | 666,699 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 5,957 | 6,202 | 4,916 | 3,537 | 6,621 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -43,937 | -37,238 | -43,293 | R-42,526 | -54,701 |
| Total supply | 507,904 | 589,751 | 557,459 | R542,985 | 618,619 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|-----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 502,567 | 582,418 | 552,284 | R539,759 | 611,722 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 0 | 0 | 0 | 0 | 0 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 5,337 | 7,333 | 5,175 | 3,226 | 6,897 |
| Total disposition | 507,904 | 589,751 | 557,459 | R542,985 | 618,619 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 2,322 | 2,903 | 2,643 | 3,190 | 3,175 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 59,933 | 73,262 | 67,948 | 64,045 | 72,067 |
| Commercial | 53,726 | 57,989 | 57,310 | 52,183 | 56,718 |
| Industrial | 107,373 | 116,776 | 119,114 | 115,346 | 122,230 |
| Vehicle fuel | 972 | 1,369 | 1,575 | 1,633 | 1,595 |
| Electric power | 278,240 | 330,119 | 303,694 | R303,361 | 355,937 |
| Total delivered to consumers | 500,245 | 579,515 | 549,641 | R536,569 | 608,547 |
| Total consumption | 502,567 | 582,418 | 552,284 | R539,759 | 611,722 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 8,816 | 7,528 | 7,775 | 7,560 | 7,739 |
| Industrial | 95,736 | 103,557 | 104,661 | 101,674 | 107,361 |
| Number of consumers | | | | | |
| Residential | 1,255,541 | 1,279,791 | 1,304,584 | 1,331,848 | 1,367,653 |
| Commercial | 124,891 | 126,541 | 127,848 | 128,646 | 129,518 |
| Industrial | 2,687 | 2,666 | 2,681 | 2,691 | 2,672 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 430 | 458 | 448 | 406 | 438 |
| Industrial | 39,960 | 43,802 | 44,429 | 42,864 | 45,745 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 3.92 | 4.13 | 3.85 | 3.27 | 4.58 |
| Delivered to consumers | | | | | |
| Residential | 13.29 | 12.11 | 12.88 | 13.23 | 14.12 |
| Commercial | 8.92 | 8.48 | 8.76 | 9.01 | 9.87 |
| Industrial | 6.24 | 6.18 | 5.78 | 5.24 | 6.33 |
| Electric power | W | 4.43 | 3.69 | R3.35 | W |

-- Not applicable.

^R Revised data.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles* (2017); state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

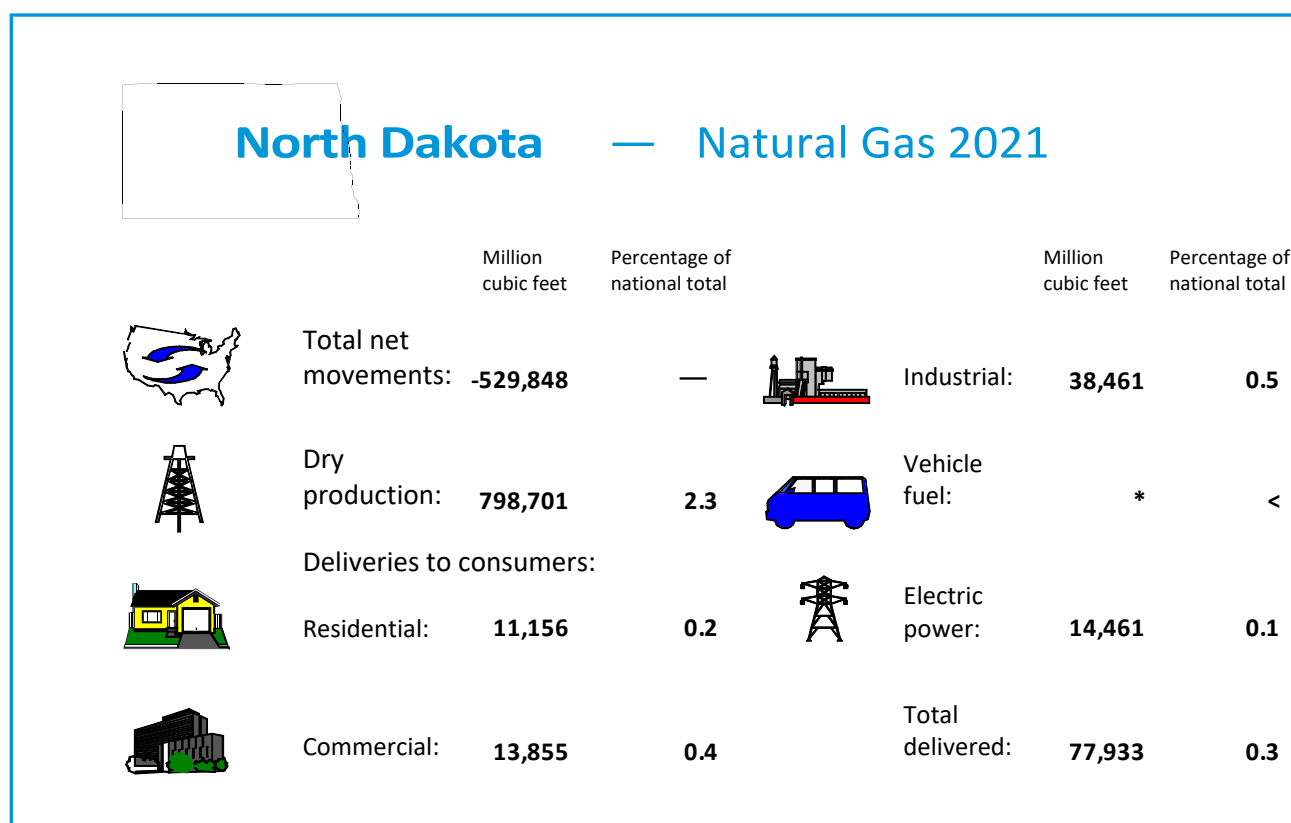


Table S36. Summary statistics for natural gas – North Dakota, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 14,891 | 14,300 | 11,964 | 11,999 | 9,812 |
| Oil wells | 9,186 | 26,966 | 26,325 | 27,645 | 22,861 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 664,524 | 819,550 | 1,022,801 | 946,168 | 1,042,685 |
| Total gross withdrawals | 688,600 | 860,817 | 1,061,091 | 985,813 | 1,075,358 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | 88,555 | 148,501 | 205,278 | 99,357 | 76,332 |
| Nonhydrocarbon gases removed | 6,047 | 5,764 | 4,986 | 4,012 | NA |
| Total non-marketed disposition | 94,603 | 154,265 | 210,265 | 103,370 | 76,332 |
| Dry production | | | | | |
| Marketed production | 593,998 | 706,552 | 850,826 | 882,443 | 999,025 |
| NGPL production, gaseous equivalent | 129,671 | 140,239 | 160,637 | R164,433 | 200,324 |
| Total dry production | 464,327 | 566,313 | 690,189 | R718,010 | 798,701 |
| Supply (million cubic feet) | | | | | |
| Dry production | 464,327 | 566,313 | 690,189 | R718,010 | 798,701 |
| Receipts | | | | | |
| Imports | 489,868 | 487,071 | 460,986 | 383,491 | 443,555 |
| Intransit receipts | 0 | 1 | 0 | R106,618 | 104,312 |
| Interstate receipts | 537,994 | 450,021 | 367,815 | 246,770 | 249,917 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 56,107 | 58,818 | 50,806 | 52,364 | 51,779 |
| Balancing item | -71,749 | -63,459 | -58,379 | R-160,051 | -138,069 |
| Total supply | 1,476,547 | 1,498,765 | 1,511,417 | R1,347,201 | 1,510,196 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 109,440 | 126,325 | 148,302 | R145,698 | 182,563 |
| Deliveries | | | | | |
| Exports | 5 | 5 | 488 | 1,272 | 1,045 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 1,367,103 | 1,372,435 | 1,362,627 | 1,200,231 | 1,326,587 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 1,476,547 | 1,498,765 | 1,511,417 | R1,347,201 | 1,510,196 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | €13,427 | €16,356 | €20,161 | 18,730 | €50,946 |
| Pipeline and distribution use | 18,663 | 20,583 | 29,181 | 27,451 | 35,463 |
| Plant fuel | 14,028 | 17,306 | 19,412 | 18,701 | 18,221 |
| Delivered to consumers | | | | | |
| Residential | 11,015 | 12,681 | 13,124 | 11,965 | 11,156 |
| Commercial | 12,957 | 14,454 | 15,455 | 14,563 | 13,855 |
| Industrial | 32,127 | 35,072 | 36,093 | 38,496 | 38,461 |
| Vehicle fuel | * | * | * | * | * |
| Electric power | 7,223 | 9,873 | 14,877 | R15,793 | 14,461 |
| Total delivered to consumers | 63,322 | 72,080 | 79,549 | R80,816 | 77,933 |
| Total consumption | 109,440 | 126,325 | 148,302 | R145,698 | 182,563 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 948 | 1,010 | 998 | 882 | 831 |
| Industrial | 20,875 | 21,694 | 22,265 | 24,105 | 24,759 |
| Number of consumers | | | | | |
| Residential | 144,881 | 146,336 | 148,015 | 149,828 | 152,032 |
| Commercial | 22,474 | 22,880 | 23,280 | 23,685 | 24,205 |
| Industrial | 274 | 272 | 270 | 266 | 271 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 577 | 632 | 664 | 615 | 572 |
| Industrial | 117,253 | 128,940 | 133,679 | 144,721 | 141,924 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 2.49 | 2.39 | 1.97 | 1.58 | 3.78 |
| Exports | 8.05 | 8.86 | 1.77 | 1.20 | 4.00 |
| Citygate | 4.28 | 3.82 | 3.57 | 3.27 | 6.44 |
| Delivered to consumers | | | | | |
| Residential | 7.64 | 7.20 | 7.00 | 6.82 | 9.11 |
| Commercial | 6.00 | 5.90 | 5.67 | 5.26 | 7.19 |
| Industrial | 3.15 | 3.29 | 2.82 | 2.04 | 4.63 |
| Electric power | 4.00 | 3.02 | 3.27 | R2.86 | 4.18 |

* Volume is less than 500,000 cubic feet.

€ Percentage is less than 0.05%.

E Estimated data.

NA Not available.

R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

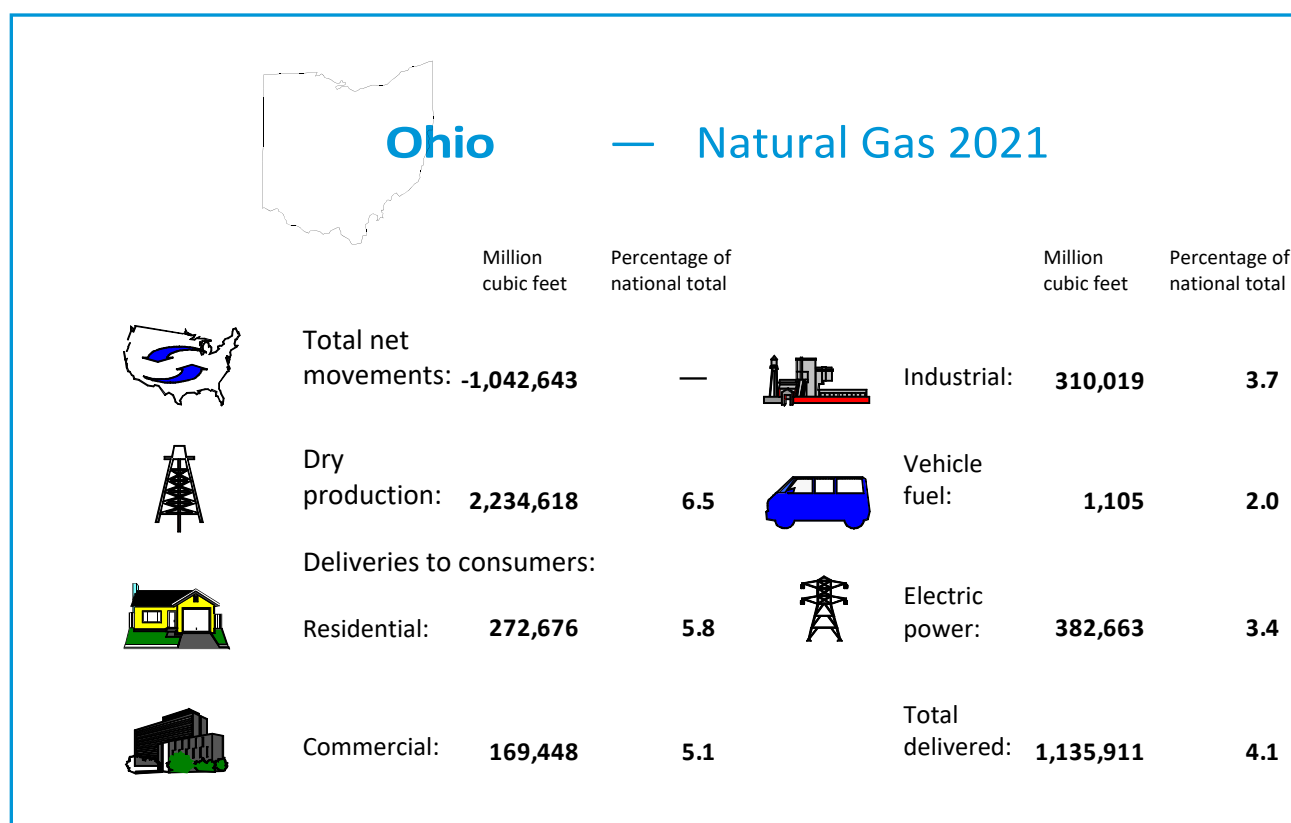


Table S37. Summary statistics for natural gas – Ohio, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 69,920 | 44,150 | 45,458 | 57,367 | 81,937 |
| Oil wells | 3,982 | 4,432 | 5,294 | 4,841 | 7,796 |
| Coalbed wells | 0 | 9 | 8 | 8 | 6 |
| Shale gas wells | 1,717,456 | 2,354,791 | 2,600,871 | 2,316,686 | 2,191,453 |
| Total gross withdrawals | 1,791,359 | 2,403,382 | 2,651,631 | 2,378,902 | 2,281,193 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 1,791,359 | 2,403,382 | 2,651,631 | 2,378,902 | 2,281,193 |
| NGPL production, gaseous equivalent | 59,669 | 62,570 | 51,980 | 49,359 | 46,575 |
| Total dry production | 1,731,690 | 2,340,812 | 2,599,651 | 2,329,543 | 2,234,618 |
| Supply (million cubic feet) | | | | | |
| Dry production | 1,731,690 | 2,340,812 | 2,599,651 | 2,329,543 | 2,234,618 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 2,074,896 | 2,107,493 | 2,154,847 | 2,408,135 | 2,698,688 |
| Withdrawals from storage | | | | | |
| Underground storage | 155,415 | 156,952 | 147,756 | 152,327 | 160,023 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 385 | 388 | 383 | 336 | 2,632 |
| Balancing item | 158,057 | -41,184 | -129,060 | 52,923 | 11,803 |
| Total supply | 4,120,443 | 4,564,461 | 4,773,578 | 4,943,265 | 5,107,763 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 948,324 | 1,162,745 | 1,183,927 | R1,155,217 | 1,205,084 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 3,026,298 | 3,249,605 | 3,426,553 | 3,625,523 | 3,741,330 |
| Additions to storage | | | | | |
| Underground storage | 145,821 | 152,112 | 163,098 | 162,525 | 161,349 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 4,120,443 | 4,564,461 | 4,773,578 | R4,943,265 | 5,107,763 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E12,648 | E16,692 | E18,561 | 16,652 | E15,968 |
| Pipeline and distribution use | 29,231 | 28,646 | 32,170 | R43,002 | 49,503 |
| Plant fuel | 5,011 | 4,578 | 3,043 | 5,527 | 3,702 |
| Delivered to consumers | | | | | |
| Residential | 258,699 | 301,232 | 290,080 | 271,863 | 272,676 |
| Commercial | 156,979 | 178,992 | 177,428 | 162,029 | 169,448 |
| Industrial | 277,767 | 309,181 | 298,171 | 282,004 | 310,019 |
| Vehicle fuel | 527 | 497 | 510 | 1,141 | 1,105 |
| Electric power | 207,462 | 322,926 | 363,963 | R372,998 | 382,663 |
| Total delivered to consumers | 901,434 | 1,112,829 | 1,130,153 | R1,090,035 | 1,135,911 |
| Total consumption | 948,324 | 1,162,745 | 1,183,927 | R1,155,217 | 1,205,084 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 212,814 | 250,584 | 242,340 | 227,632 | 228,008 |
| Commercial | 144,934 | 164,488 | 163,372 | 148,281 | 154,678 |
| Industrial | 275,306 | 306,441 | 295,349 | 279,566 | 307,183 |
| Number of consumers | | | | | |
| Residential | 3,336,219 | 3,353,692 | 3,370,186 | 3,409,315 | 3,427,853 |
| Commercial | 267,970 | 268,546 | 269,341 | 271,338 | 273,347 |
| Industrial | 5,817 | 5,820 | 5,696 | 5,495 | 5,488 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 586 | 667 | 659 | 597 | 620 |
| Industrial | 47,751 | 53,124 | 52,347 | 51,320 | 56,490 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 3.96 | 3.97 | 3.60 | 3.13 | 4.53 |
| Delivered to consumers | | | | | |
| Residential | 9.72 | 9.10 | 9.58 | 9.53 | 11.08 |
| Commercial | 6.11 | 5.92 | 5.97 | 5.63 | 6.64 |
| Industrial | 6.71 | 6.57 | 6.21 | 5.93 | 8.00 |
| Electric power | 3.07 | 3.30 | 2.58 | R1.99 | 3.78 |

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-910, *Monthly Natural Gas Marketer Survey*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

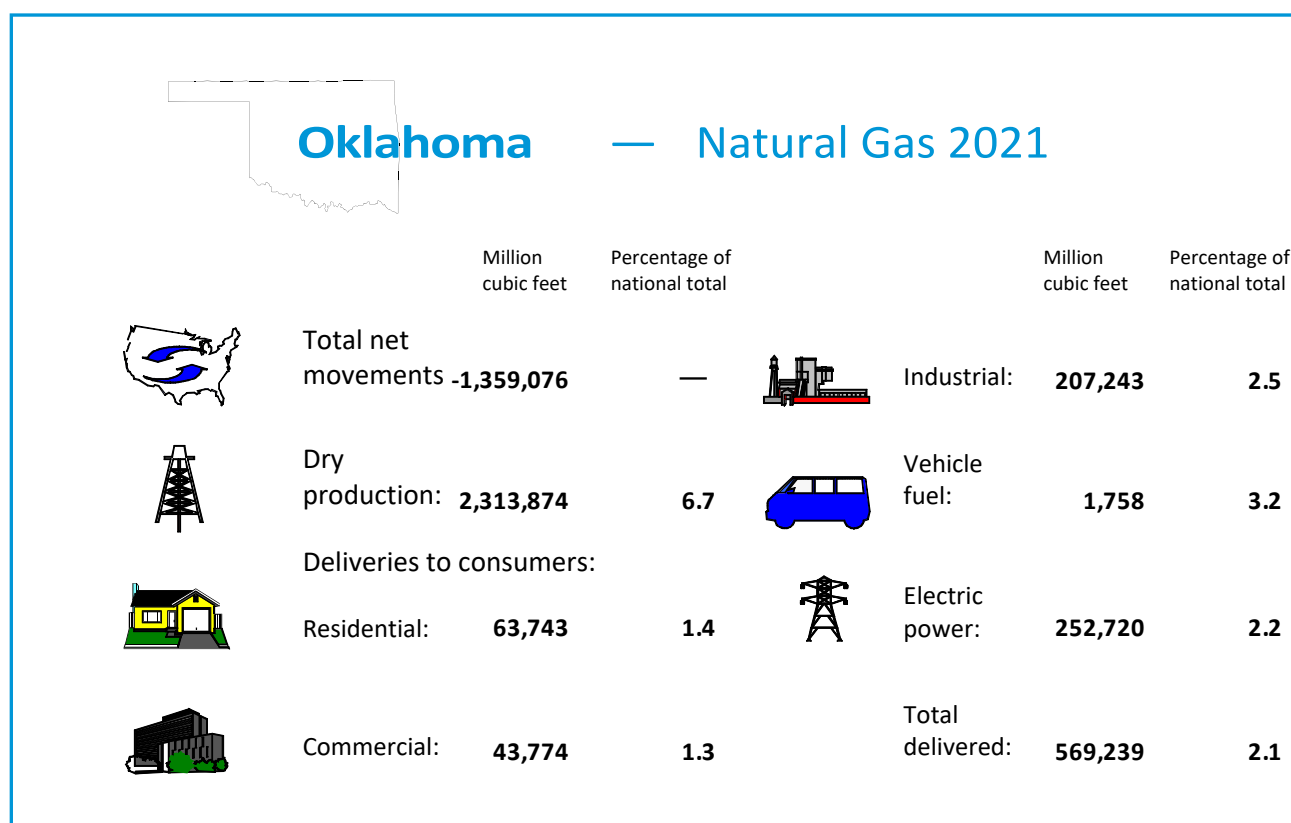


Table S38. Summary statistics for natural gas – Oklahoma, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 615,285 | 680,763 | 671,046 | 666,300 | 537,544 |
| Oil wells | 210,289 | 81,673 | 84,792 | 82,388 | 57,226 |
| Coalbed wells | 28,987 | 49,481 | 50,409 | 48,629 | 44,474 |
| Shale gas wells | 1,659,336 | 2,063,870 | 2,229,805 | 1,989,048 | 1,932,590 |
| Total gross withdrawals | 2,513,897 | 2,875,787 | 3,036,052 | 2,786,366 | 2,571,834 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 2,513,897 | 2,875,787 | 3,036,052 | 2,786,366 | 2,571,834 |
| NGPL production, gaseous equivalent | 197,203 | 250,548 | 285,457 | R257,268 | 257,960 |
| Total dry production | 2,316,693 | 2,625,239 | 2,750,595 | R2,529,098 | 2,313,874 |
| Supply (million cubic feet) | | | | | |
| Dry production | 2,316,693 | 2,625,239 | 2,750,595 | R2,529,098 | 2,313,874 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 840,179 | 995,187 | 1,020,603 | 829,078 | 626,311 |
| Withdrawals from storage | | | | | |
| Underground storage | 133,690 | 152,982 | 146,334 | 160,426 | 142,486 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -89,007 | -96,534 | -169,436 | R-264,526 | -225,696 |
| Total supply | 3,201,555 | 3,676,875 | 3,748,096 | R3,254,076 | 2,856,975 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 664,233 | 807,023 | 834,520 | R822,072 | 712,240 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 2,426,637 | 2,728,683 | 2,756,271 | 2,280,255 | 1,985,387 |
| Additions to storage | | | | | |
| Underground storage | 110,685 | 141,169 | 157,305 | 151,743 | 159,348 |
| LNG storage | 0 | 0 | 0 | 6 | 0 |
| Total disposition | 3,201,555 | 3,676,875 | 3,748,096 | R3,254,076 | 2,856,975 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E54,999 | E62,868 | E66,793 | 61,300 | E56,160 |
| Pipeline and distribution use | 49,704 | 56,437 | 57,075 | R43,963 | 42,149 |
| Plant fuel | 40,883 | 46,758 | 43,563 | 46,620 | 44,692 |
| Delivered to consumers | | | | | |
| Residential | 51,069 | 67,340 | 67,890 | R60,719 | 63,743 |
| Commercial | 37,833 | 46,960 | 48,791 | R42,400 | 43,774 |
| Industrial | 199,576 | 207,901 | 211,168 | 219,708 | 207,243 |
| Vehicle fuel | 1,596 | 1,631 | 1,753 | 1,645 | 1,758 |
| Electric power | 228,572 | 317,128 | 337,487 | R345,716 | 252,720 |
| Total delivered to consumers | 518,647 | 640,960 | 667,089 | R670,188 | 569,239 |
| Total consumption | 664,233 | 807,023 | 834,520 | R822,072 | 712,240 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 21,864 | 25,577 | 26,867 | 23,828 | 23,556 |
| Industrial | 185,702 | 191,468 | 195,567 | 203,802 | 194,385 |
| Number of consumers | | | | | |
| Residential | 943,038 | 947,102 | 952,938 | R961,515 | 967,703 |
| Commercial | 95,735 | 96,022 | 96,758 | R97,270 | 97,550 |
| Industrial | 2,943 | 3,246 | 3,228 | 3,228 | 3,130 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 395 | 489 | 504 | 436 | 449 |
| Industrial | 67,814 | 64,048 | 65,418 | 68,063 | 66,212 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.52 | 3.83 | 3.64 | 3.35 | 19.27 |
| Delivered to consumers | | | | | |
| Residential | 11.40 | 9.25 | 9.40 | 9.11 | 10.29 |
| Commercial | 8.44 | 7.09 | 7.28 | R6.94 | 7.95 |
| Industrial | 3.30 | 2.67 | 2.50 | 2.29 | 4.52 |
| Electric power | W | W | W | W | W |

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles* (2017); state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

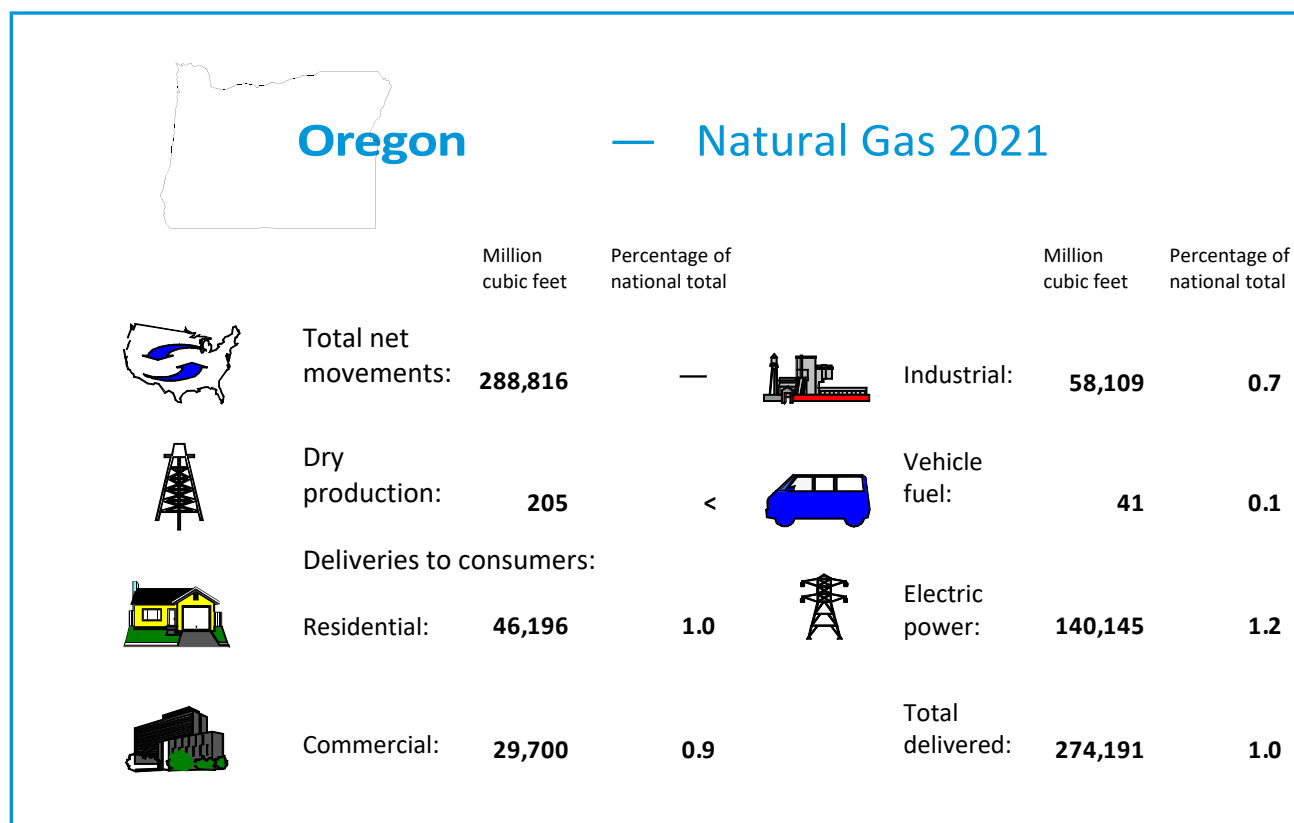


Table S39. Summary statistics for natural gas – Oregon, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 659 | 499 | 399 | 320 | 205 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 659 | 499 | 399 | 320 | 205 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | NA |
| Vented and flared | 0 | 0 | 0 | 0 | NA |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | NA |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | NA |
| Dry production | | | | | |
| Marketed production | 659 | 499 | 399 | 320 | 205 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 659 | 499 | 399 | 320 | 205 |
| Supply (million cubic feet) | | | | | |
| Dry production | 659 | 499 | 399 | 320 | 205 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 979,672 | 990,672 | 998,536 | 974,616 | 1,001,669 |
| Withdrawals from storage | | | | | |
| Underground storage | 11,657 | 11,888 | 16,830 | 14,354 | 21,120 |
| Liquefied natural gas (LNG) storage | 391 | 561 | 926 | 572 | 733 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 16,773 | 20,532 | 25,816 | Ⓜ28,033 | -6,861 |
| Total supply | 1,009,153 | 1,024,154 | 1,042,507 | Ⓜ1,017,895 | 1,016,866 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 247,206 | 255,713 | 287,017 | R268,298 | 282,060 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 749,868 | 755,167 | 735,872 | 734,828 | 712,853 |
| Additions to storage | | | | | |
| Underground storage | 11,442 | 12,844 | 18,674 | 14,149 | 21,270 |
| LNG storage | 636 | 430 | 944 | 620 | 684 |
| Total disposition | 1,009,153 | 1,024,154 | 1,042,507 | R1,017,895 | 1,016,866 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | £31 | £26 | £20 | 16 | £10 |
| Pipeline and distribution use | 5,298 | 6,362 | 5,838 | 7,026 | 7,859 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 47,841 | 42,625 | 47,927 | 45,487 | 46,196 |
| Commercial | 31,763 | 28,997 | 32,379 | 28,351 | 29,700 |
| Industrial | 57,849 | 54,267 | 57,008 | R56,700 | 58,109 |
| Vehicle fuel | 61 | 70 | 54 | 49 | 41 |
| Electric power | 104,362 | 123,365 | 143,791 | R130,669 | 140,145 |
| Total delivered to consumers | 241,877 | 249,324 | 281,160 | R261,256 | 274,191 |
| Total consumption | 247,206 | 255,713 | 287,017 | R268,298 | 282,060 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 1,733 | 1,643 | 1,617 | 1,394 | 1,328 |
| Industrial | 48,866 | 45,811 | 48,254 | R47,647 | 48,217 |
| Number of consumers | | | | | |
| Residential | 740,012 | 751,904 | 763,989 | 776,811 | 788,177 |
| Commercial | 82,523 | 83,201 | 84,182 | 84,294 | 83,725 |
| Industrial | 1,202 | 1,214 | 1,205 | R1,196 | 1,197 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 385 | 349 | 385 | 336 | 355 |
| Industrial | 48,128 | 44,701 | 47,310 | R47,408 | 48,546 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 3.90 | 3.87 | 3.56 | 3.58 | 4.30 |
| Delivered to consumers | | | | | |
| Residential | 10.59 | 10.65 | 9.97 | 10.91 | 11.76 |
| Commercial | 8.74 | 8.48 | 7.88 | 8.25 | 8.91 |
| Industrial | 5.31 | 5.01 | 4.62 | 4.73 | 5.07 |
| Electric power | W | W | W | W | W |

-- Not applicable.

^ Percentage is less than 0.05%.

£ Estimated data.

NA Not available.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

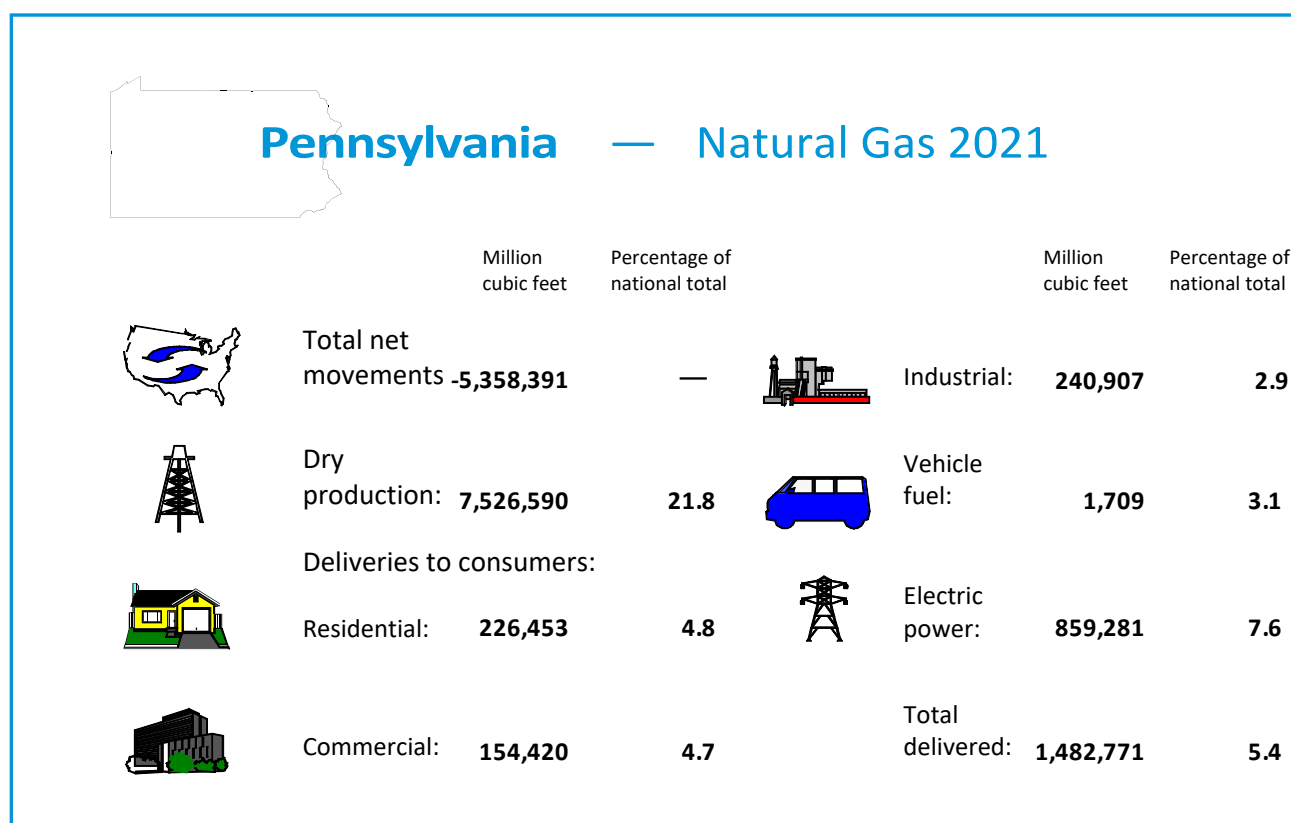


Table S40. Summary statistics for natural gas – Pennsylvania, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 99,433 | 155,925 | 136,626 | 124,875 | 178,435 |
| Oil wells | 2,502 | 1,758 | 1,849 | 1,331 | 1,312 |
| Coalbed wells | 6,372 | 6,266 | 6,131 | 5,161 | 4,103 |
| Shale gas wells | 5,345,332 | 6,100,883 | 6,752,186 | 7,016,929 | 7,442,654 |
| Total gross withdrawals | 5,453,638 | 6,264,832 | 6,896,792 | 7,148,295 | 7,626,504 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 5,453,638 | 6,264,832 | 6,896,792 | 7,148,295 | 7,626,504 |
| NGPL production, gaseous equivalent | 63,853 | 87,744 | 95,527 | 97,862 | 99,914 |
| Total dry production | 5,389,785 | 6,177,088 | 6,801,265 | 7,050,433 | 7,526,590 |
| Supply (million cubic feet) | | | | | |
| Dry production | 5,389,785 | 6,177,088 | 6,801,265 | 7,050,433 | 7,526,590 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 308,395 | 125,153 | 297,616 | 308,409 | 451,566 |
| Withdrawals from storage | | | | | |
| Underground storage | 405,622 | 411,371 | 353,092 | 356,567 | 389,999 |
| Liquefied natural gas (LNG) storage | 5,728 | 6,197 | 6,481 | 3,744 | 6,450 |
| Supplemental gas supplies | 15 | 41 | 6 | 1 | * |
| Balancing item | 234,559 | -397,242 | -280,994 | R-259,878 | -367,866 |
| Total supply | 6,344,104 | 6,322,609 | 7,177,467 | R7,459,277 | 8,006,738 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 1,350,245 | 1,460,456 | 1,618,008 | R1,717,732 | 1,807,772 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 4,592,323 | 4,460,899 | 5,141,394 | 5,388,087 | 5,809,956 |
| Additions to storage | | | | | |
| Underground storage | 395,884 | 393,542 | 411,067 | 349,145 | 382,943 |
| LNG storage | 5,652 | 7,711 | 6,999 | 4,312 | 6,067 |
| Total disposition | 6,344,104 | 6,322,609 | 7,177,467 | R7,459,277 | 8,006,738 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E193,331 | E222,158 | E241,388 | 250,190 | E266,928 |
| Pipeline and distribution use | 42,780 | 45,241 | 49,008 | 46,001 | 51,600 |
| Plant fuel | 2,427 | 3,156 | 6,146 | 5,755 | 6,474 |
| Delivered to consumers | | | | | |
| Residential | 218,734 | 252,722 | 236,631 | 221,298 | 226,453 |
| Commercial | 145,912 | 165,119 | 161,624 | 148,186 | 154,420 |
| Industrial | 219,028 | 231,734 | 249,026 | 215,664 | 240,907 |
| Vehicle fuel | 1,513 | 1,801 | 1,679 | 1,595 | 1,709 |
| Electric power | 526,521 | 538,527 | 672,506 | R829,041 | 859,281 |
| Total delivered to consumers | 1,111,707 | 1,189,902 | 1,321,465 | R1,415,785 | 1,482,771 |
| Total consumption | 1,350,245 | 1,460,456 | 1,618,008 | R1,717,732 | 1,807,772 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 26,868 | 32,688 | 32,487 | 30,905 | 28,716 |
| Commercial | 91,295 | 103,872 | 102,840 | 97,599 | 99,284 |
| Industrial | 217,028 | 229,238 | 246,764 | 213,428 | 238,449 |
| Number of consumers | | | | | |
| Residential | 2,767,411 | 2,801,376 | 2,821,188 | 2,845,197 | 2,864,907 |
| Commercial | 241,719 | 242,200 | 245,481 | R250,807 | 251,244 |
| Industrial | 4,622 | 4,601 | 4,567 | 4,521 | 4,482 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 604 | 682 | 658 | 591 | 615 |
| Industrial | 47,388 | 50,366 | 54,527 | 47,703 | 53,750 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.26 | 4.49 | 4.53 | 3.77 | 5.08 |
| Delivered to consumers | | | | | |
| Residential | 11.40 | 11.25 | 11.70 | 11.48 | 12.01 |
| Commercial | 9.16 | 9.37 | 9.49 | 9.10 | 9.59 |
| Industrial | 8.38 | 8.69 | 8.52 | 7.98 | 8.51 |
| Electric power | 2.65 | 3.17 | 2.43 | R1.69 | 3.41 |

* Volume is less than 500,000 cubic feet.

– Not applicable.

^E Estimated data.

^{NA} Not available.

^R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles* (2017); state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

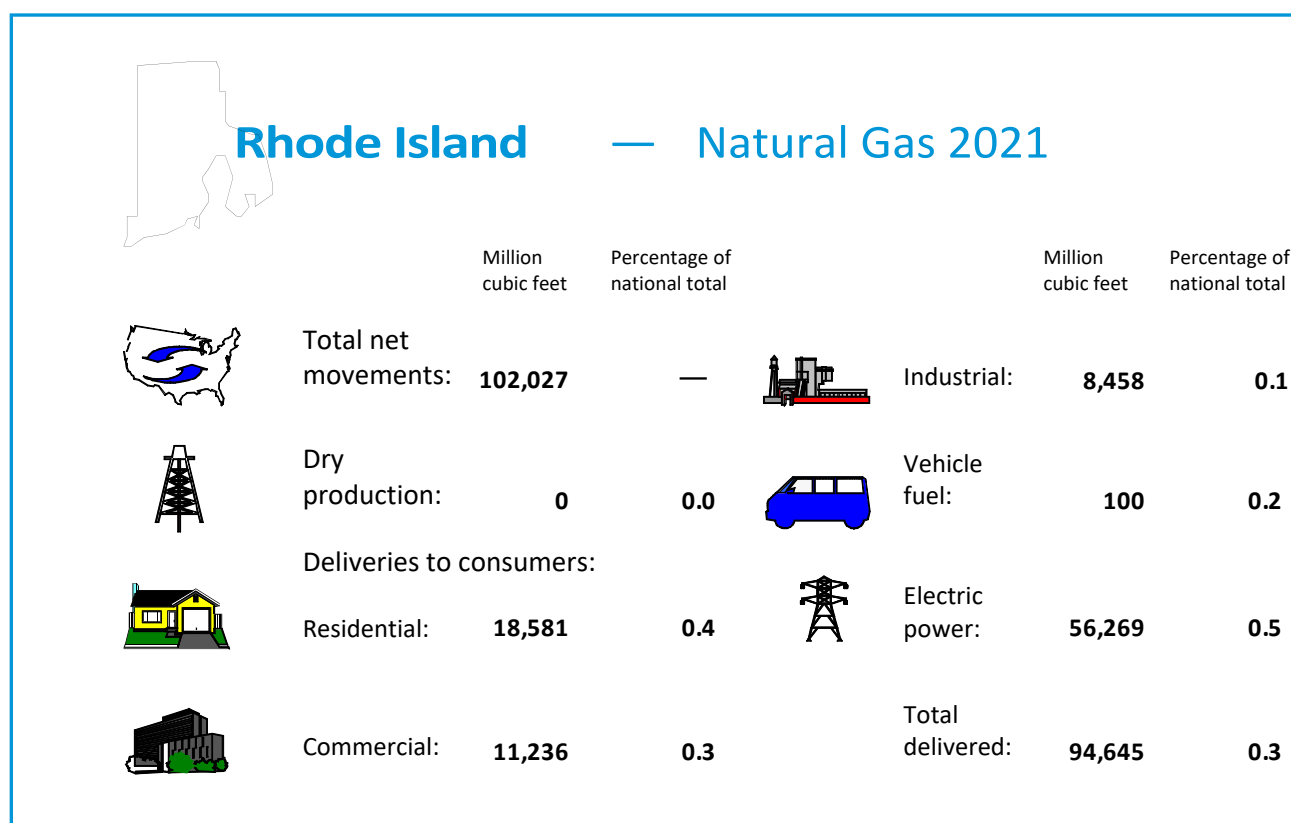


Table S41. Summary statistics for natural gas – Rhode Island, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|-----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 255,841 | 251,877 | 267,776 | 264,594 | 290,010 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 561 | 587 | 431 | 225 | 261 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -293 | 2,836 | 1,629 | R-3 | -5,174 |
| Total supply | 256,109 | 255,299 | 269,837 | R264,817 | 285,098 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|-----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 92,061 | 101,796 | 95,170 | R98,140 | 96,852 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 163,636 | 152,699 | 174,250 | 166,437 | 187,983 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 413 | 804 | 417 | 240 | 263 |
| Total disposition | 256,109 | 255,299 | 269,837 | R264,817 | 285,098 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 2,827 | 2,364 | 2,398 | 2,176 | 2,207 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 18,421 | 20,523 | 19,892 | 18,278 | 18,581 |
| Commercial | 11,338 | 12,732 | 12,416 | 10,808 | 11,236 |
| Industrial | 8,551 | 8,817 | 8,819 | 8,361 | 8,458 |
| Vehicle fuel | 103 | 100 | 95 | 97 | 100 |
| Electric power | 50,820 | 57,260 | 51,551 | R58,419 | 56,269 |
| Total delivered to consumers | 89,234 | 99,431 | 92,772 | R95,964 | 94,645 |
| Total consumption | 92,061 | 101,796 | 95,170 | R98,140 | 96,852 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 5,350 | 5,922 | 5,833 | 5,229 | 5,374 |
| Industrial | 8,236 | 8,446 | 8,441 | 8,057 | 8,139 |
| Number of consumers | | | | | |
| Residential | 241,451 | 243,891 | 246,267 | 247,399 | 247,368 |
| Commercial | 24,545 | 24,628 | 24,787 | 24,904 | 24,837 |
| Industrial | 279 | 291 | 299 | 282 | 273 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 462 | 517 | 501 | 434 | 452 |
| Industrial | 30,649 | 30,298 | 29,494 | 29,649 | 30,983 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 2.22 | 2.37 | 2.49 | 2.59 | 2.23 |
| Delivered to consumers | | | | | |
| Residential | 14.02 | 15.65 | 15.36 | 15.06 | 16.18 |
| Commercial | 11.30 | 12.98 | 12.87 | 12.31 | 13.21 |
| Industrial | 8.48 | 10.46 | 9.70 | 9.16 | 9.81 |
| Electric power | 3.63 | 4.21 | 3.31 | R2.39 | W |

-- Not applicable.

^R Revised data.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

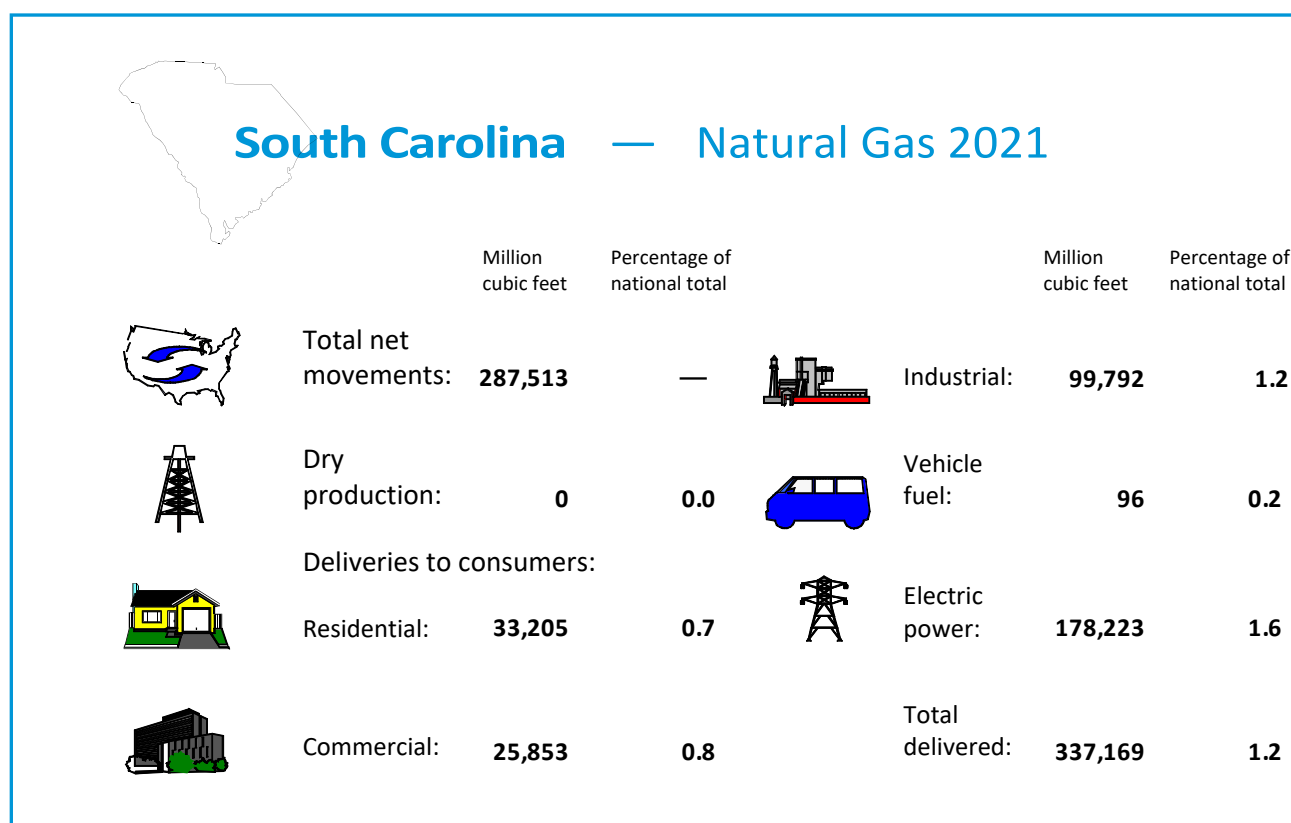


Table S42. Summary statistics for natural gas – South Carolina, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 620,474 | 784,028 | 545,396 | 493,145 | 503,977 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 1,125 | 1,561 | 577 | 764 | 1,835 |
| Supplemental gas supplies | * | 0 | 0 | 0 | 0 |
| Balancing item | 44,680 | 36,565 | 45,058 | 43,652 | 51,420 |
| Total supply | 666,279 | 822,155 | 591,030 | 537,561 | 557,232 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|-----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 278,768 | 330,362 | 338,758 | R333,026 | 339,854 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 386,662 | 490,198 | 251,667 | 203,964 | 216,465 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 850 | 1,595 | 605 | 571 | 914 |
| Total disposition | 666,279 | 822,155 | 591,030 | R537,561 | 557,232 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 2,185 | 2,697 | 2,194 | 1,892 | 2,685 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 25,538 | 31,994 | 30,316 | 29,111 | 33,205 |
| Commercial | 23,128 | 25,551 | 25,707 | 23,875 | 25,853 |
| Industrial | 92,198 | 96,485 | 97,550 | 95,145 | 99,792 |
| Vehicle fuel | 175 | 116 | 130 | 103 | 96 |
| Electric power | 135,543 | 173,518 | 182,861 | R182,899 | 178,223 |
| Total delivered to consumers | 276,582 | 327,664 | 336,564 | R331,134 | 337,169 |
| Total consumption | 278,768 | 330,362 | 338,758 | R333,026 | 339,854 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 1,991 | 2,042 | 2,230 | 2,242 | 2,766 |
| Industrial | 54,610 | 57,526 | 60,022 | 59,993 | 63,178 |
| Number of consumers | | | | | |
| Residential | 675,713 | 693,989 | 714,218 | 734,890 | 758,356 |
| Commercial | 59,109 | 59,799 | 60,405 | 60,744 | 61,285 |
| Industrial | 1,435 | 1,437 | 1,439 | 1,436 | 1,429 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 391 | 427 | 426 | 393 | 422 |
| Industrial | 64,249 | 67,143 | 67,790 | 66,257 | 69,833 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.13 | 4.36 | 3.86 | 3.26 | 5.43 |
| Delivered to consumers | | | | | |
| Residential | 14.47 | 13.46 | 13.07 | 13.49 | 14.29 |
| Commercial | 9.32 | 9.37 | 8.63 | 8.61 | 9.89 |
| Industrial | 4.86 | 4.92 | 4.65 | 3.92 | 5.60 |
| Electric power | W | 4.29 | 3.26 | R2.79 | 4.35 |

* Volume is less than 500,000 cubic feet.

-- Not applicable.

^R Revised data.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

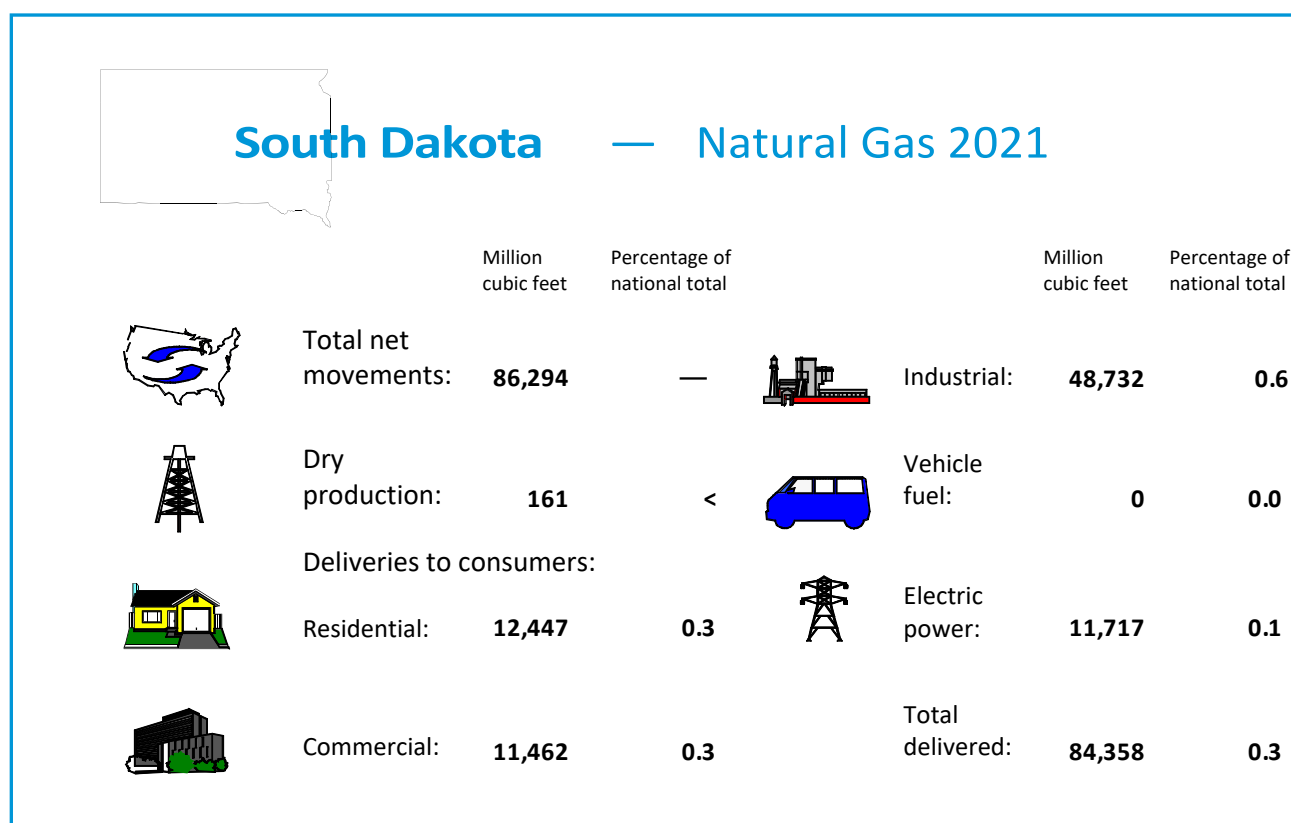


Table S43. Summary statistics for natural gas – South Dakota, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|-----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 179 | 413 | 378 | 375 | 160 |
| Oil wells | 297 | 34 | 36 | 33 | * |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 476 | 447 | 414 | 407 | 161 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | 0 | 0 | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | 0 | 0 | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 476 | 447 | 414 | 407 | 161 |
| NGPL production, gaseous equivalent | 17 | 10 | 1 | 0 | 0 |
| Total dry production | 459 | 437 | 413 | 407 | 161 |
| Supply (million cubic feet) | | | | | |
| Dry production | 459 | 437 | 413 | 407 | 161 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 881,560 | 867,693 | 864,865 | 781,075 | 849,122 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 5,446 | 6,200 | 3,634 | R4,173 | 3,698 |
| Total supply | 887,466 | 874,330 | 868,912 | R785,655 | 852,981 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|----------------|----------------|----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 80,890 | 89,464 | 89,879 | 84,643 | 90,153 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 806,576 | 784,866 | 779,033 | 701,011 | 762,828 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 887,466 | 874,330 | 868,912 | 875,655 | 852,981 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 26 | 25 | 23 | 22 | 9 |
| Pipeline and distribution use | 6,551 | 6,515 | 6,528 | 5,207 | 5,787 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 12,146 | 14,280 | 14,809 | 13,208 | 12,447 |
| Commercial | 10,813 | 12,573 | 13,405 | 11,880 | 11,462 |
| Industrial | 45,641 | 46,972 | 46,014 | 45,621 | 48,732 |
| Vehicle fuel | 0 | 0 | 0 | 0 | 0 |
| Electric power | 5,713 | 9,099 | 9,099 | 8,704 | 11,717 |
| Total delivered to consumers | 74,313 | 82,924 | 83,328 | 79,414 | 84,358 |
| Total consumption | 80,890 | 89,464 | 89,879 | 84,643 | 90,153 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 2,063 | 2,360 | 2,725 | 2,591 | 2,688 |
| Industrial | 43,635 | 44,772 | 43,629 | 43,731 | 47,031 |
| Number of consumers | | | | | |
| Residential | 187,789 | 190,982 | 194,067 | 197,769 | 201,101 |
| Commercial | 24,922 | 25,339 | 25,290 | 25,846 | 26,359 |
| Industrial | 592 | 592 | 598 | 585 | 548 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 434 | 496 | 530 | 460 | 435 |
| Industrial | 77,097 | 79,345 | 76,947 | 77,985 | 88,926 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.39 | 3.87 | 3.51 | 3.33 | 7.43 |
| Delivered to consumers | | | | | |
| Residential | 8.18 | 7.66 | 7.29 | 7.11 | 9.75 |
| Commercial | 6.26 | 5.91 | 5.50 | 5.27 | 7.82 |
| Industrial | 5.11 | 5.02 | 4.78 | 4.40 | 6.06 |
| Electric power | 3.26 | 3.04 | 2.75 | 2.64 | 4.36 |

* Volume is less than 500,000 cubic feet.

† Not applicable.

‡ Percentage is less than 0.05%.

^E Estimated data.

^{NA} Not available.

^R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

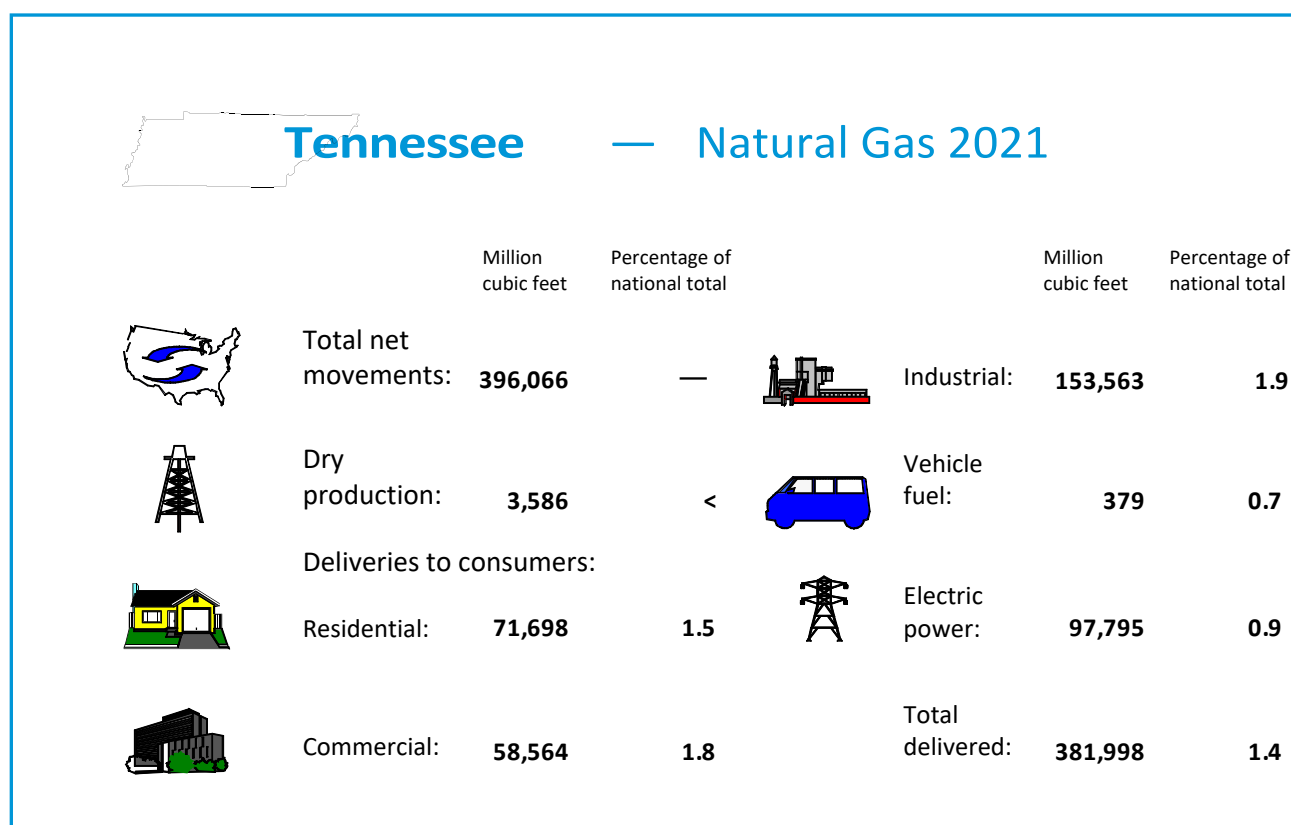


Table S44. Summary statistics for natural gas – Tennessee, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 2,982 | 3,283 | 3,107 | 2,770 | 3,602 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 2,982 | 3,283 | 3,107 | 2,770 | 3,602 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 2,982 | 3,283 | 3,107 | 2,770 | 3,602 |
| NGPL production, gaseous equivalent | 277 | 227 | 14 | 7 | 16 |
| Total dry production | 2,705 | 3,056 | 3,093 | 2,763 | 3,586 |
| Supply (million cubic feet) | | | | | |
| Dry production | 2,705 | 3,056 | 3,093 | 2,763 | 3,586 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,961,609 | 2,395,214 | 2,366,939 | 2,648,994 | 2,889,638 |
| Withdrawals from storage | | | | | |
| Underground storage | 178 | 417 | 132 | 174 | 176 |
| Liquefied natural gas (LNG) storage | 4,291 | 5,799 | 4,210 | 3,258 | 1,643 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -12,221 | -21,385 | 5,264 | R-12,309 | 904 |
| Total supply | 1,956,563 | 2,383,101 | 2,379,638 | R2,642,879 | 2,895,947 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 321,644 | 392,161 | 408,045 | R386,625 | 400,400 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 1,629,638 | 1,983,482 | 1,966,129 | 2,252,817 | 2,493,572 |
| Additions to storage | | | | | |
| Underground storage | 223 | 452 | 311 | 231 | 123 |
| LNG storage | 5,058 | 7,007 | 5,153 | 3,207 | 1,853 |
| Total disposition | 1,956,563 | 2,383,101 | 2,379,638 | R2,642,879 | 2,895,947 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | £171 | £211 | £186 | 166 | £216 |
| Pipeline and distribution use | 5,290 | 8,193 | 14,712 | R17,014 | 18,075 |
| Plant fuel | 64 | 59 | 123 | 59 | 110 |
| Delivered to consumers | | | | | |
| Residential | 56,661 | 74,802 | 69,088 | 65,607 | 71,698 |
| Commercial | 49,042 | 58,669 | 56,916 | 52,565 | 58,564 |
| Industrial | 134,555 | 146,889 | 147,959 | 145,855 | 153,563 |
| Vehicle fuel | 285 | 247 | 335 | 375 | 379 |
| Electric power | 75,576 | 103,092 | 118,725 | R104,984 | 97,795 |
| Total delivered to consumers | 316,119 | 383,698 | 393,023 | R369,385 | 381,998 |
| Total consumption | 321,644 | 392,161 | 408,045 | R386,625 | 400,400 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 6,249 | 6,709 | 6,364 | 6,454 | 7,511 |
| Industrial | 102,218 | 112,531 | 114,757 | 113,993 | 117,674 |
| Number of consumers | | | | | |
| Residential | 1,151,054 | 1,166,741 | 1,179,817 | 1,194,358 | 1,212,909 |
| Commercial | 133,965 | 135,270 | 136,253 | R137,071 | 138,184 |
| Industrial | 2,681 | 2,665 | 2,588 | 2,571 | 2,550 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 366 | 434 | 418 | R383 | 424 |
| Industrial | 50,188 | 55,118 | 57,171 | 56,731 | 60,221 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.09 | 4.10 | 3.54 | 2.95 | 4.59 |
| Delivered to consumers | | | | | |
| Residential | 10.31 | 9.46 | 9.46 | 8.97 | 10.29 |
| Commercial | 8.74 | 8.41 | 8.10 | 7.73 | 9.11 |
| Industrial | 5.04 | 4.95 | 4.68 | 4.16 | 5.50 |
| Electric power | 3.05 | 3.17 | 2.85 | R2.44 | 3.64 |

-- Not applicable.

^ Percentage is less than 0.05%.

£ Estimated data.

NA Not available.

R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles* (2017); state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

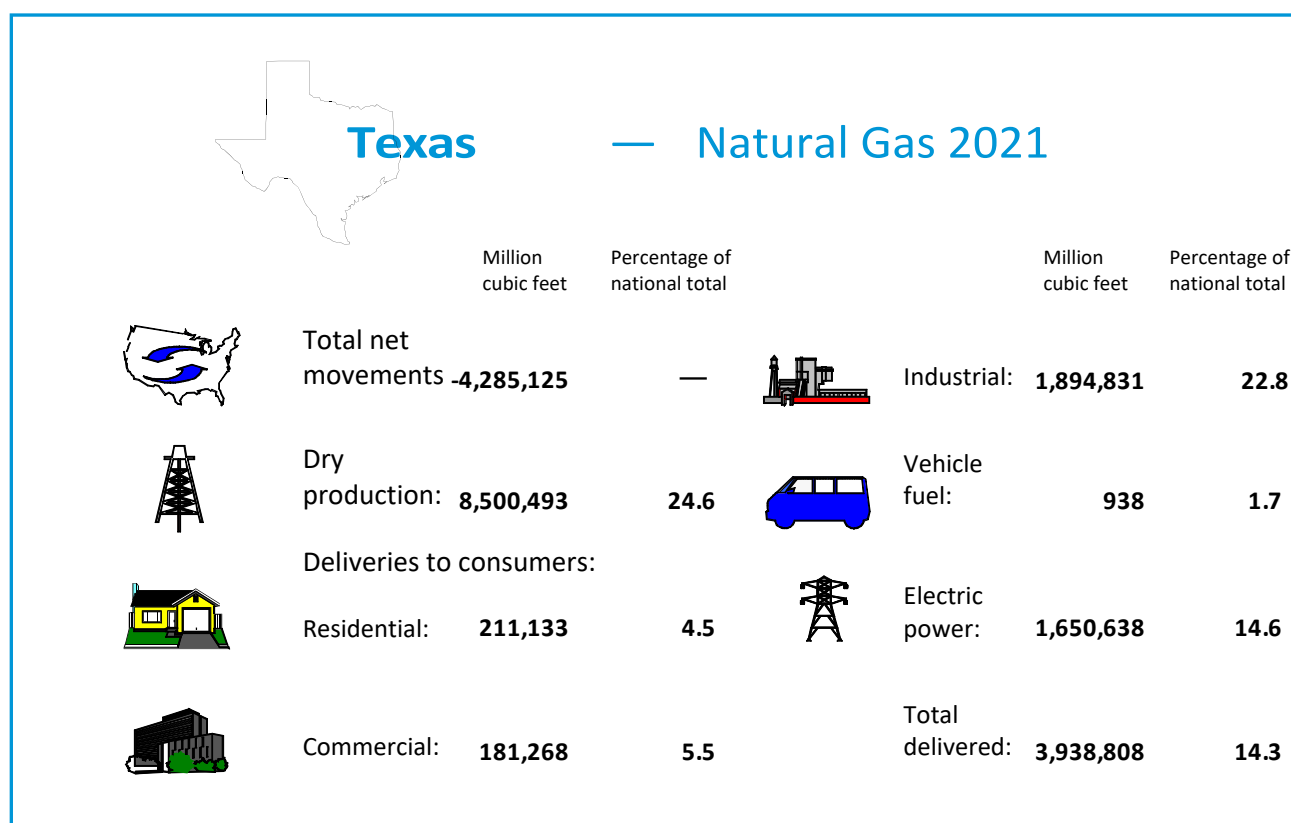


Table S45. Summary statistics for natural gas – Texas, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|-------------------|--------------------|-------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 878,525 | 2,280,578 | 2,243,859 | 1,970,961 | 1,808,055 |
| Oil wells | 1,569,154 | 287,648 | 302,943 | 297,372 | 220,644 |
| Coalbed wells | 0 | 7,120 | 6,738 | 6,759 | 6,605 |
| Shale gas wells | 5,632,295 | 6,533,829 | 7,878,966 | 8,134,830 | 8,634,037 |
| Total gross withdrawals | 8,079,974 | 9,109,174 | 10,432,505 | 10,409,921 | 10,669,340 |
| Non-marketed disposition | | | | | |
| Repressuring | 554,853 | 620,164 | 578,784 | €592,770 | €475,391 |
| Vented and flared | 96,946 | 238,054 | 251,186 | €263,046 | €102,267 |
| Nonhydrocarbon gases removed | 204,334 | 209,947 | 224,046 | €217,995 | €216,292 |
| Total non-marketed disposition | 856,133 | 1,068,164 | 1,054,016 | €1,073,811 | €793,950 |
| Dry production | | | | | |
| Marketed production | 7,223,841 | 8,041,010 | 9,378,489 | 9,336,110 | 9,875,390 |
| NGPL production, gaseous equivalent | 840,601 | 1,011,753 | 1,208,021 | €1,336,905 | 1,374,897 |
| Total dry production | 6,383,240 | 7,029,257 | 8,170,468 | €7,999,205 | 8,500,493 |
| Supply (million cubic feet) | | | | | |
| Dry production | 6,383,240 | 7,029,257 | 8,170,468 | €7,999,205 | 8,500,493 |
| Receipts | | | | | |
| Imports | 591 | 863 | 1,071 | 369 | 333 |
| Intransit receipts | 1,652 | 1,959 | 1,345 | €2,720 | 2,456 |
| Interstate receipts | 1,512,820 | 1,752,469 | 1,612,665 | €1,980,964 | 1,672,834 |
| Withdrawals from storage | | | | | |
| Underground storage | 488,933 | 577,819 | 510,852 | 496,623 | 518,695 |
| Liquefied natural gas (LNG) storage | 0 | 2,033 | 6,109 | 7,979 | 5,022 |
| Supplemental gas supplies | 0 | 0 | 81 | 1,598 | 2,569 |
| Balancing item | -102,893 | 120,035 | 273,686 | €236,904 | 455,089 |
| Total supply | 8,284,343 | 9,484,435 | 10,576,277 | €10,726,362 | 11,157,490 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|-------------------|--------------------|-------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 3,867,275 | 4,464,219 | 4,671,722 | R4,614,019 | 4,666,021 |
| Deliveries | | | | | |
| Exports | 1,280,647 | 1,436,793 | 1,972,914 | 2,557,093 | 3,314,398 |
| Intransit deliveries | 0 | 7,411 | 0 | 15,824 | * |
| Interstate deliveries | 2,712,820 | 3,057,744 | 3,333,957 | 2,983,496 | 2,646,349 |
| Additions to storage | | | | | |
| Underground storage | 423,589 | 518,252 | 590,187 | 547,848 | 526,062 |
| LNG storage | 12 | 15 | 7,497 | 8,082 | 4,661 |
| Total disposition | 8,284,343 | 9,484,435 | 10,576,277 | R10,726,362 | 11,157,490 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 236,577 | 245,360 | 266,877 | 266,496 | E274,528 |
| Pipeline and distribution use | 84,470 | 117,964 | 173,753 | R199,989 | 227,018 |
| Plant fuel | 166,479 | 175,653 | 216,783 | 217,005 | 225,667 |
| Delivered to consumers | | | | | |
| Residential | 164,147 | 227,028 | 228,143 | R204,464 | 211,133 |
| Commercial | 164,782 | 214,173 | 198,060 | R172,622 | 181,268 |
| Industrial | 1,678,504 | 1,838,402 | 1,799,319 | 1,813,568 | 1,894,831 |
| Vehicle fuel | 1,842 | 1,785 | 1,587 | R1,114 | 938 |
| Electric power | 1,370,474 | 1,643,854 | 1,787,199 | R1,738,761 | 1,650,638 |
| Total delivered to consumers | 3,379,749 | 3,925,242 | 4,014,310 | R3,930,529 | 3,938,808 |
| Total consumption | 3,867,275 | 4,464,219 | 4,671,722 | R4,614,019 | 4,666,021 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 374 | 500 | 415 | 527 | 519 |
| Commercial | 49,009 | 53,014 | 59,554 | 52,969 | 53,434 |
| Industrial | 1,012,862 | 1,151,111 | 1,242,542 | 1,247,385 | 1,304,943 |
| Number of consumers | | | | | |
| Residential | 4,633,561 | 4,702,609 | 4,787,135 | R4,896,094 | 5,010,686 |
| Commercial | 323,355 | 326,594 | 331,757 | R332,115 | 336,535 |
| Industrial | 6,059 | 6,967 | 6,019 | 6,026 | 6,135 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 510 | 656 | 597 | 520 | 539 |
| Industrial | 277,027 | 263,873 | 298,940 | 300,957 | 308,856 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 2.12 | 6.28 | 2.18 | 1.15 | 2.95 |
| Exports | 3.30 | 3.41 | 2.92 | 3.14 | 6.46 |
| Citygate | 4.80 | 5.04 | 3.02 | 2.70 | 10.76 |
| Delivered to consumers | | | | | |
| Residential | 13.61 | 11.42 | 10.61 | 11.64 | 13.77 |
| Commercial | 7.71 | 6.55 | 6.18 | R6.53 | 8.49 |
| Industrial | 3.28 | 3.42 | 2.88 | 2.31 | 4.96 |
| Electric power | 3.18 | 3.17 | 2.39 | R2.14 | 8.02 |

* Volume is less than 500,000 cubic feet.

E Estimated data.

R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

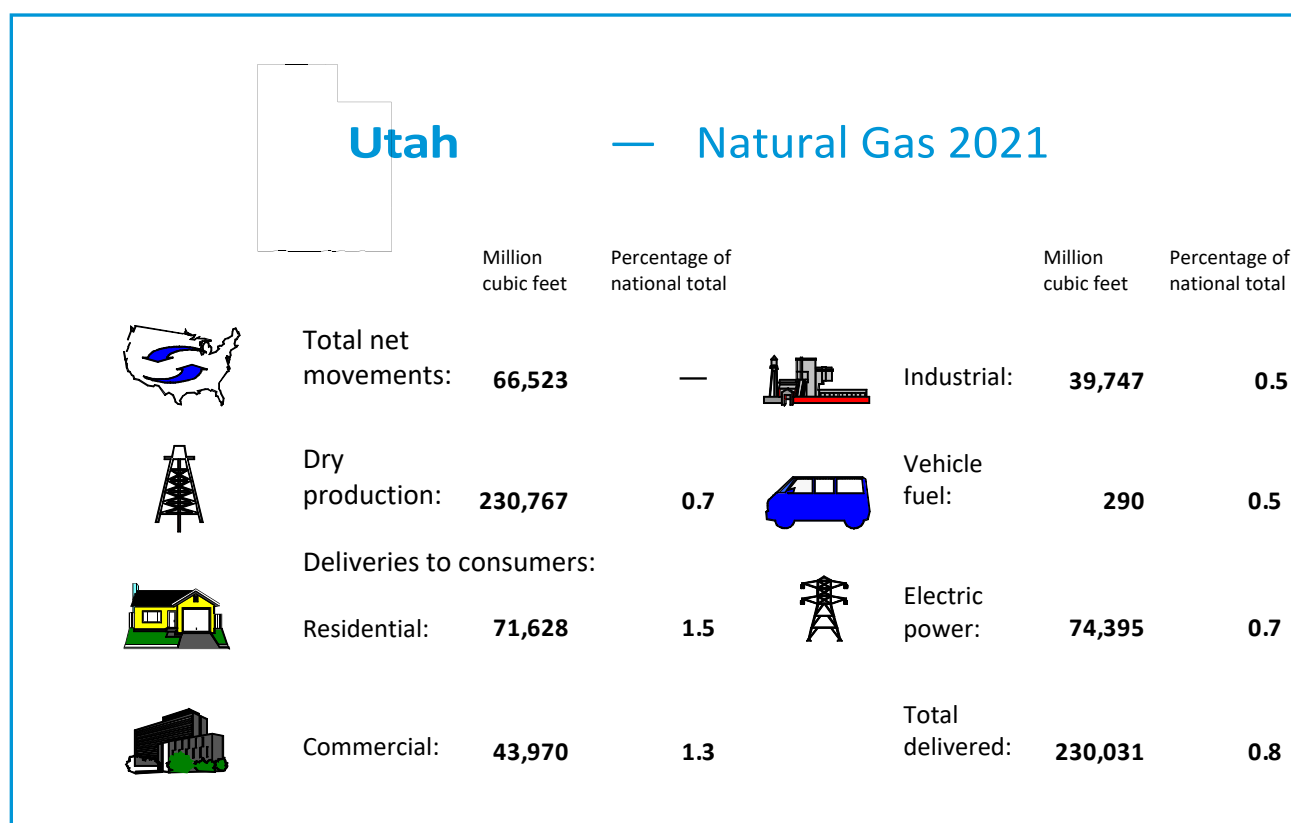


Table S46. Summary statistics for natural gas – Utah, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 234,993 | 218,381 | 196,744 | 174,003 | 166,302 |
| Oil wells | 40,120 | 37,693 | 38,188 | 30,869 | 30,557 |
| Coalbed wells | 37,408 | 34,710 | 32,335 | 30,444 | 29,051 |
| Shale gas wells | 2,691 | 5,043 | 5,484 | 7,268 | 14,034 |
| Total gross withdrawals | 315,211 | 295,826 | 272,752 | 242,584 | 239,944 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | 944 | 595 | 539 |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | 944 | 595 | 539 |
| Dry production | | | | | |
| Marketed production | 315,211 | 295,826 | 271,808 | 241,989 | 239,405 |
| NGPL production, gaseous equivalent | 10,945 | 11,562 | 9,651 | 8,750 | 8,638 |
| Total dry production | 304,266 | 284,264 | 262,157 | 233,239 | 230,767 |
| Supply (million cubic feet) | | | | | |
| Dry production | 304,266 | 284,264 | 262,157 | 233,239 | 230,767 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,105,681 | 1,172,486 | 1,370,539 | 1,318,176 | 1,299,420 |
| Withdrawals from storage | | | | | |
| Underground storage | 37,842 | 48,893 | 41,758 | 44,313 | 38,868 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -30,594 | -33,262 | -31,672 | R-18,098 | -34,779 |
| Total supply | 1,417,194 | 1,472,381 | 1,642,782 | R1,577,629 | 1,534,277 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 221,834 | 244,058 | 264,301 | R255,850 | 260,749 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 1,160,113 | 1,187,190 | 1,332,446 | 1,275,713 | 1,232,897 |
| Additions to storage | | | | | |
| Underground storage | 35,248 | 41,134 | 46,035 | 46,066 | 40,631 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 1,417,194 | 1,472,381 | 1,642,782 | R1,577,629 | 1,534,277 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E18,088 | E17,315 | 16,471 | 15,432 | 16,138 |
| Pipeline and distribution use | 10,934 | 12,316 | 12,707 | 12,080 | 12,002 |
| Plant fuel | 3,657 | 3,200 | 2,794 | 2,312 | 2,578 |
| Delivered to consumers | | | | | |
| Residential | 66,700 | 67,415 | 75,938 | 74,191 | 71,628 |
| Commercial | 41,264 | 42,367 | 47,336 | 44,216 | 43,970 |
| Industrial | 40,007 | 39,935 | 41,348 | 40,119 | 39,747 |
| Vehicle fuel | 354 | 348 | 322 | 273 | 290 |
| Electric power | 40,830 | 61,161 | 67,386 | R67,226 | 74,395 |
| Total delivered to consumers | 189,155 | 211,227 | 232,329 | R226,025 | 230,031 |
| Total consumption | 221,834 | 244,058 | 264,301 | R255,850 | 260,749 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 11,318 | 12,975 | 16,176 | 15,061 | 15,717 |
| Industrial | 38,367 | 38,671 | 40,301 | 39,213 | 38,772 |
| Number of consumers | | | | | |
| Residential | 926,623 | 950,644 | 976,042 | 1,002,463 | 1,029,304 |
| Commercial | 67,926 | 69,191 | 70,275 | 71,022 | 71,969 |
| Industrial | 334 | 350 | 363 | 369 | 375 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 607 | 612 | 674 | 623 | 611 |
| Industrial | 119,782 | 114,101 | 113,906 | 108,724 | 105,992 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 5.30 | 5.17 | 4.80 | 5.30 | 5.07 |
| Delivered to consumers | | | | | |
| Residential | 9.05 | 9.04 | 7.82 | 8.15 | 8.99 |
| Commercial | 7.40 | 7.37 | 6.35 | 6.56 | 7.37 |
| Industrial | 5.51 | 5.31 | 5.00 | 5.07 | 5.43 |
| Electric power | 3.45 | 3.23 | 3.20 | 2.63 | 4.64 |

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

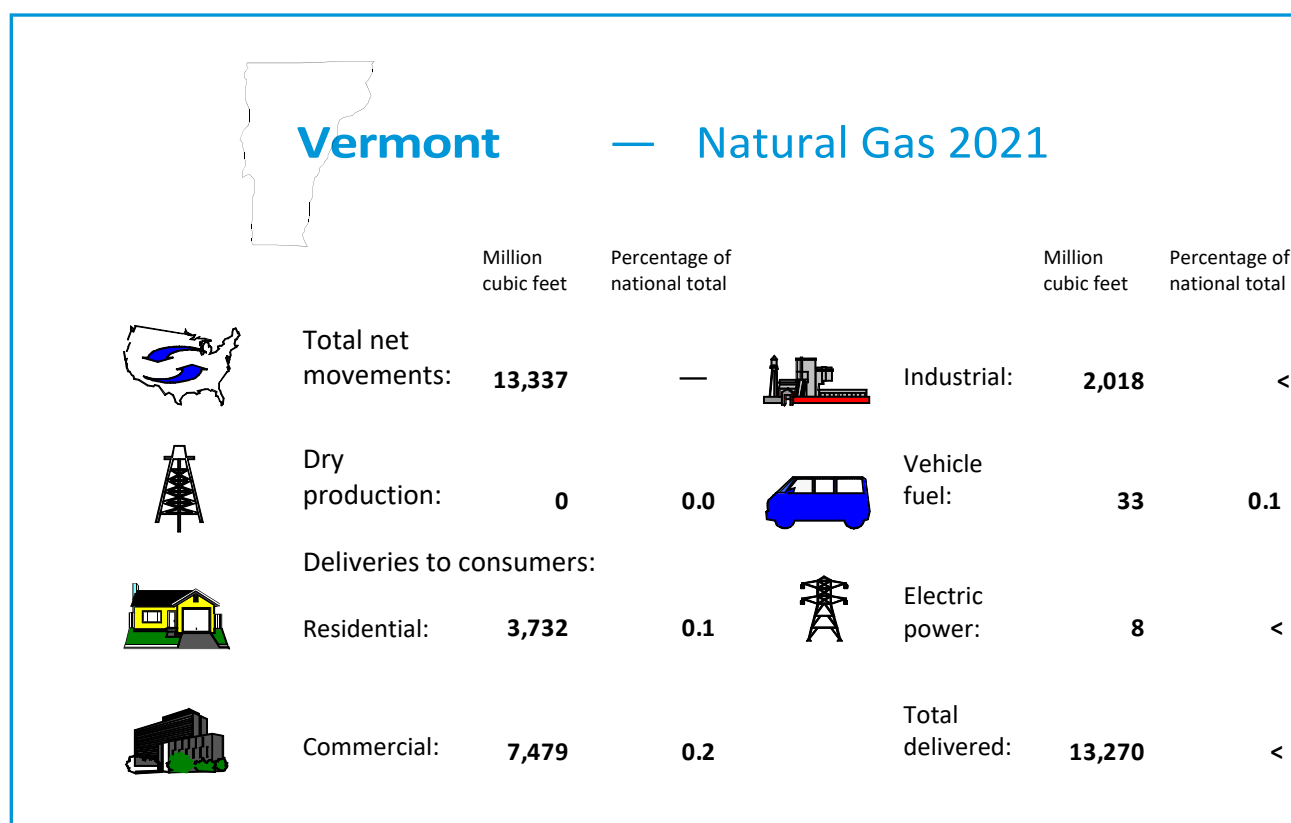


Table S47. Summary statistics for natural gas – Vermont, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|---------------|----------------|----------------|----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 14,852 | 15,308 | 13,685 | 12,928 | 13,337 |
| Intransit receipts | 0 | 118 | 693 | 0 | 0 |
| Interstate receipts | 0 | 92,982 | 99,444 | 99,513 | 108,183 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 2 | 1 | 3 | 2 | 1 |
| Balancing item | -2,929 | -1,685 | -496 | 126 | -66 |
| Total supply | 11,926 | 106,725 | 113,330 | 112,570 | 121,455 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|---------------|----------------|----------------|----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 11,926 | 13,742 | 13,885 | 13,056 | 13,272 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 0 | 92,983 | 99,444 | 99,513 | 108,183 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 11,926 | 106,725 | 113,330 | 112,570 | 121,455 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 8 | 10 | 3 | 14 | 2 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 3,509 | 4,081 | 4,139 | 3,808 | 3,732 |
| Commercial | 6,205 | 7,356 | 7,341 | 6,974 | 7,479 |
| Industrial | 2,191 | 2,284 | 2,370 | 2,228 | 2,018 |
| Vehicle fuel | 0 | 0 | 19 | 18 | 33 |
| Electric power | 12 | 11 | 12 | 14 | 8 |
| Total delivered to consumers | 11,917 | 13,732 | 13,882 | 13,043 | 13,270 |
| Total consumption | 11,926 | 13,742 | 13,885 | 13,056 | 13,272 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 0 | 0 | 0 | 0 | 0 |
| Industrial | 0 | 0 | 0 | 0 | 0 |
| Number of consumers | | | | | |
| Residential | 45,275 | 46,372 | 47,122 | 47,739 | 48,229 |
| Commercial | 5,736 | 5,968 | 6,067 | 6,103 | 6,178 |
| Industrial | 15 | 15 | 15 | 14 | 14 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 1,082 | 1,233 | 1,210 | 1,143 | 1,211 |
| Industrial | 146,065 | 152,291 | 157,993 | 159,110 | 144,170 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 3.88 | 4.01 | 2.87 | 2.25 | 3.69 |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 5.03 | 4.64 | 3.86 | 3.33 | 4.42 |
| Delivered to consumers | | | | | |
| Residential | 14.12 | 13.65 | 13.14 | 13.21 | 14.01 |
| Commercial | 7.04 | 6.77 | 6.01 | 5.41 | 6.49 |
| Industrial | 4.92 | 4.55 | 4.13 | 3.49 | 5.15 |
| Electric power | W | W | W | W | W |

– Not applicable.

^ Percentage is less than 0.05%.

^w Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

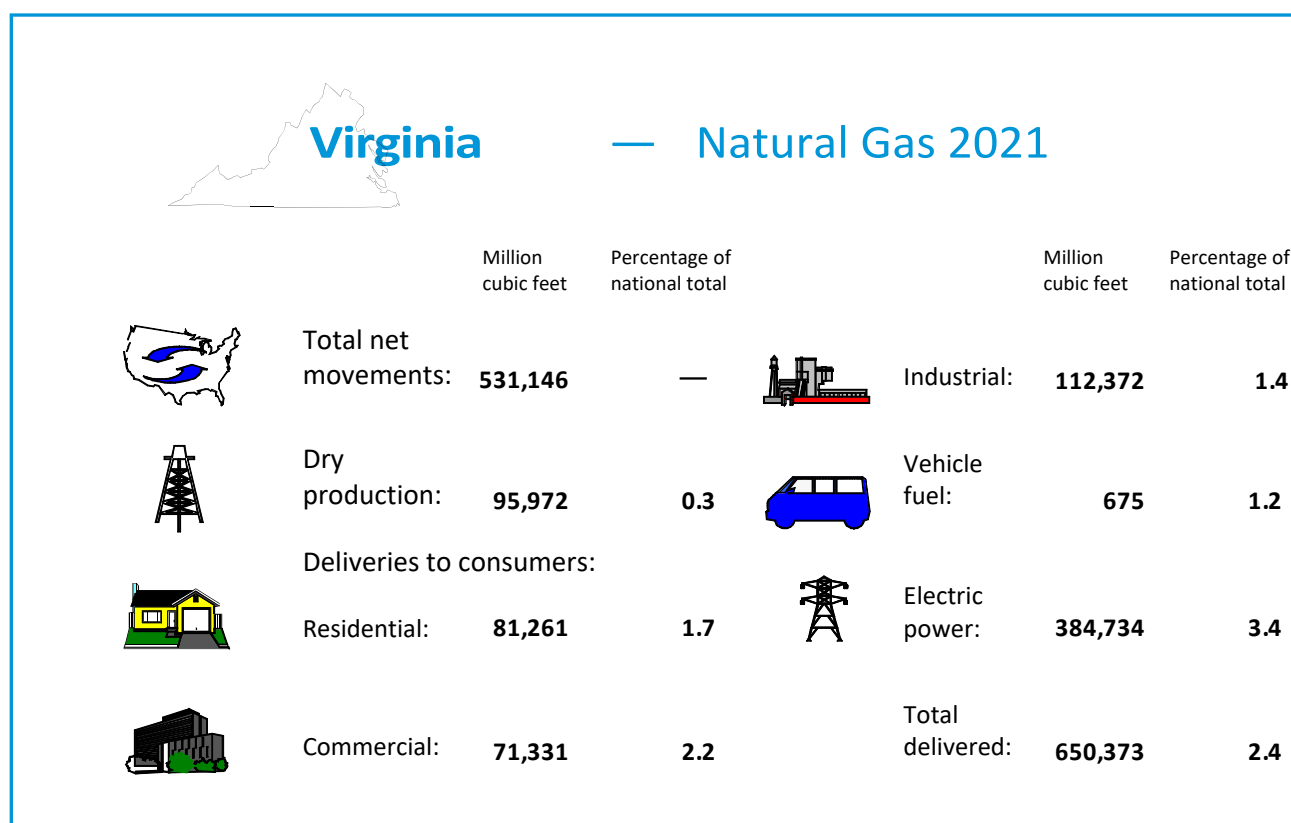


Table S48. Summary statistics for natural gas – Virginia, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|------------------|------------------|------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 19,234 | 17,147 | 16,495 | 15,975 | 15,244 |
| Oil wells | 4 | 2 | 5 | 3 | 2 |
| Coalbed wells | 95,909 | 94,043 | 89,559 | 86,548 | 80,506 |
| Shale gas wells | 305 | 284 | 307 | 298 | 291 |
| Total gross withdrawals | 115,452 | 111,476 | 106,366 | 102,824 | 96,044 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 115,452 | 111,476 | 106,366 | 102,824 | 96,044 |
| NGPL production, gaseous equivalent | 0 | 0 | 55 | 31 | 72 |
| Total dry production | 115,452 | 111,476 | 106,311 | 102,793 | 95,972 |
| Supply (million cubic feet) | | | | | |
| Dry production | 115,452 | 111,476 | 106,311 | 102,793 | 95,972 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 870,746 | 1,067,190 | 1,397,597 | 1,493,660 | 1,546,300 |
| Withdrawals from storage | | | | | |
| Underground storage | 11,178 | 13,594 | 10,344 | 9,062 | 9,875 |
| Liquefied natural gas (LNG) storage | 738 | 784 | 616 | 675 | 646 |
| Supplemental gas supplies | 49 | 128 | 152 | 24 | 86 |
| Balancing item | -4,890 | 5,370 | 17,696 | 1,640,805 | 41,480 |
| Total supply | 993,273 | 1,198,543 | 1,532,714 | 1,640,805 | 1,694,359 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 566,676 | 634,162 | 683,049 | R713,444 | 668,879 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 415,668 | 548,908 | 838,627 | 918,551 | 1,015,154 |
| Additions to storage | | | | | |
| Underground storage | 10,266 | 14,566 | 10,382 | 8,433 | 9,939 |
| LNG storage | 663 | 906 | 656 | 378 | 387 |
| Total disposition | 993,273 | 1,198,543 | 1,532,714 | R1,640,805 | 1,694,359 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E6,506 | E6,477 | E6,063 | 5,861 | E5,474 |
| Pipeline and distribution use | 8,708 | 9,685 | 13,005 | 10,285 | 13,032 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 76,904 | 89,036 | 81,831 | 75,264 | 81,261 |
| Commercial | 68,162 | 74,282 | 71,245 | 67,529 | 71,331 |
| Industrial | 94,098 | 96,794 | 100,608 | 104,257 | 112,372 |
| Vehicle fuel | 853 | 868 | 875 | 626 | 675 |
| Electric power | 311,445 | 357,021 | 409,423 | R449,622 | 384,734 |
| Total delivered to consumers | 551,462 | 618,001 | 663,981 | R697,298 | 650,373 |
| Total consumption | 566,676 | 634,162 | 683,049 | R713,444 | 668,879 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 7,663 | 8,274 | 8,055 | 7,987 | 8,099 |
| Commercial | 33,181 | 35,411 | 34,770 | 33,645 | 33,871 |
| Industrial | 84,911 | 86,829 | 89,818 | 90,360 | 96,551 |
| Number of consumers | | | | | |
| Residential | 1,217,501 | 1,235,964 | 1,249,329 | 1,267,211 | 1,280,027 |
| Commercial | 100,531 | 101,925 | 102,637 | 103,272 | 104,088 |
| Industrial | 968 | 966 | 978 | 989 | 989 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 678 | 729 | 694 | 654 | 685 |
| Industrial | 97,209 | 100,201 | 102,871 | 105,416 | 113,622 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.53 | 4.69 | 4.52 | 3.87 | 5.07 |
| Delivered to consumers | | | | | |
| Residential | 12.34 | 11.71 | 12.62 | 12.72 | 13.68 |
| Commercial | 7.99 | 8.08 | 8.53 | 8.12 | 9.33 |
| Industrial | 5.04 | 5.08 | 4.66 | 3.75 | 5.16 |
| Electric power | 3.50 | 4.35 | 3.30 | R2.49 | 4.10 |

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and/or withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

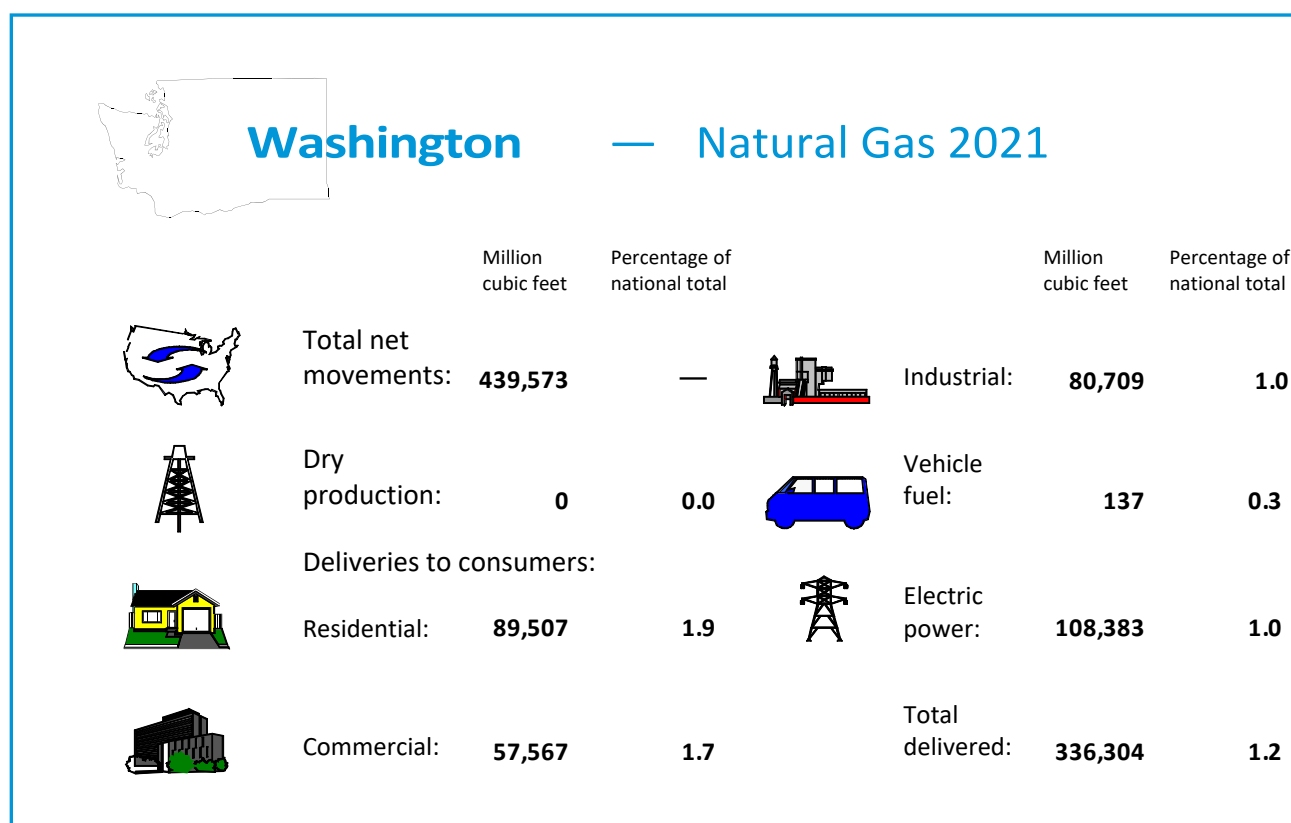


Table S49. Summary statistics for natural gas – Washington, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 406,540 | 371,775 | 339,908 | R339,120 | 392,570 |
| Intransit receipts | 0 | 0 | 0 | R74,728 | 61,898 |
| Interstate receipts | 738,474 | 787,615 | 814,569 | 810,885 | 822,221 |
| Withdrawals from storage | | | | | |
| Underground storage | 29,921 | 27,537 | 30,206 | 30,341 | 33,353 |
| Liquefied natural gas (LNG) storage | 781 | 753 | 1,803 | 644 | 751 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -48,662 | -38,586 | -48,349 | R-128,354 | -92,287 |
| Total supply | 1,127,053 | 1,149,093 | 1,138,137 | R1,127,364 | 1,218,506 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 324,882 | 307,985 | 348,265 | R327,161 | 348,671 |
| Deliveries | | | | | |
| Exports | 7,252 | 12,612 | 22,870 | 12,113 | 10,987 |
| Intransit deliveries | 0 | 0 | 0 | R540 | 339 |
| Interstate deliveries | 765,394 | 799,399 | 734,647 | 757,492 | 825,790 |
| Additions to storage | | | | | |
| Underground storage | 28,788 | 28,339 | 30,665 | 29,618 | 32,076 |
| LNG storage | 738 | 758 | 1,690 | 440 | 643 |
| Total disposition | 1,127,053 | 1,149,093 | 1,138,137 | R1,127,364 | 1,218,506 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 12,311 | 13,372 | 12,797 | 11,591 | 12,368 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 91,028 | 83,567 | 89,967 | 87,194 | 89,507 |
| Commercial | 60,096 | 57,014 | 61,010 | 55,548 | 57,567 |
| Industrial | 80,656 | 77,303 | 78,490 | 78,130 | 80,709 |
| Vehicle fuel | 202 | 180 | 169 | 123 | 137 |
| Electric power | 80,589 | 76,549 | 105,832 | R94,574 | 108,383 |
| Total delivered to consumers | 312,571 | 294,613 | 335,468 | R315,569 | 336,304 |
| Total consumption | 324,882 | 307,985 | 348,265 | R327,161 | 348,671 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 8,143 | 8,246 | 8,338 | 7,606 | 7,653 |
| Industrial | 75,459 | 72,390 | 73,539 | 73,274 | 75,669 |
| Number of consumers | | | | | |
| Residential | 1,173,994 | 1,194,375 | 1,220,197 | 1,232,852 | 1,251,963 |
| Commercial | 104,573 | 105,560 | 106,779 | 107,156 | 107,840 |
| Industrial | 3,385 | 3,358 | 3,355 | 3,337 | 3,306 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 575 | 540 | 571 | 518 | 534 |
| Industrial | 23,828 | 23,021 | 23,395 | 23,413 | 24,413 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | 2.68 | 3.10 | 3.63 | 2.31 | 3.90 |
| Exports | 2.79 | 6.09 | 4.65 | 2.37 | 3.99 |
| Citygate | 3.51 | 3.65 | 4.25 | 3.77 | 4.57 |
| Delivered to consumers | | | | | |
| Residential | 10.62 | 10.28 | 9.82 | 10.97 | 11.63 |
| Commercial | 8.30 | 7.90 | 7.49 | 8.76 | 9.42 |
| Industrial | 7.39 | 7.17 | 6.86 | 7.72 | 8.21 |
| Electric power | W | W | W | W | W |

– Not applicable.

^R Revised data.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles* (2017); state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

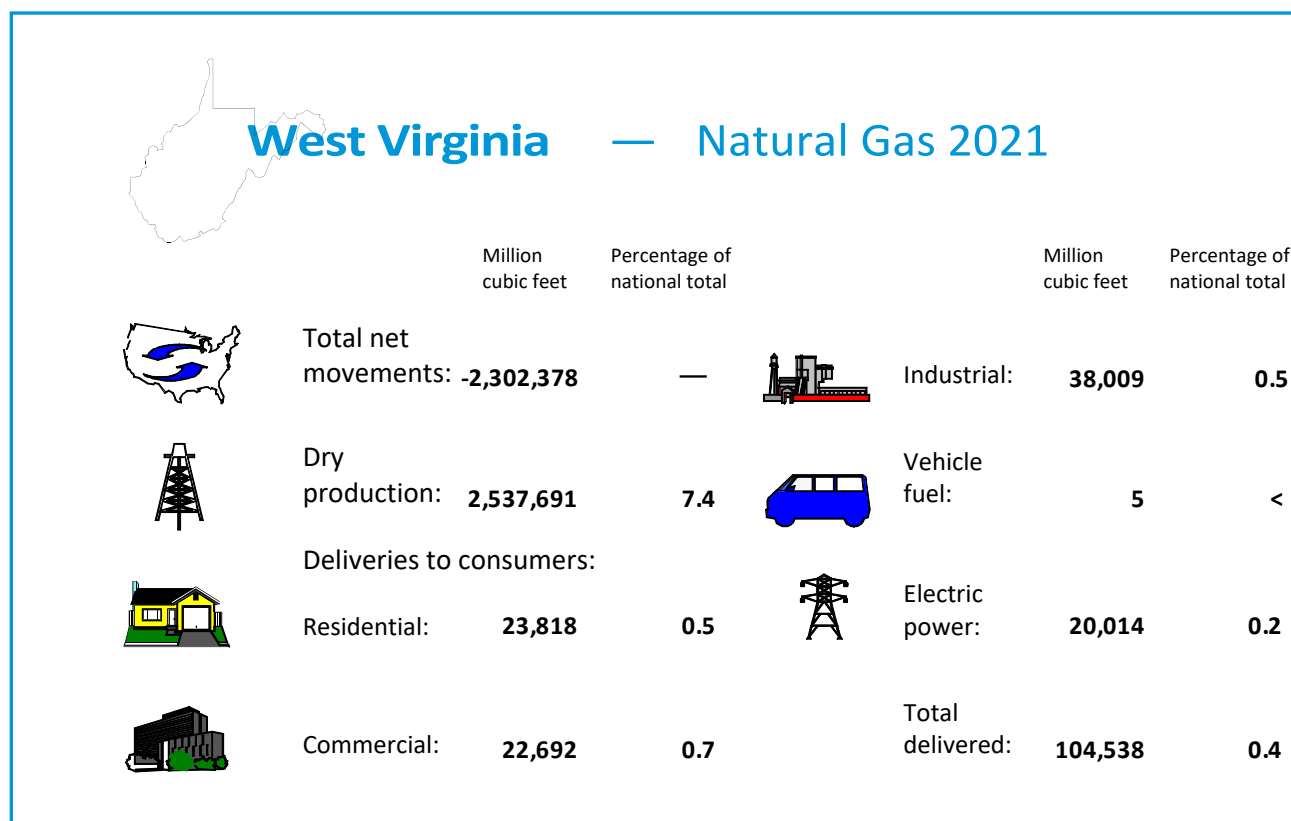


Table S50. Summary statistics for natural gas – West Virginia, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 108,112 | 100,767 | 111,568 | 110,235 | 141,360 |
| Oil wells | 773 | 729 | 704 | 1 | 641 |
| Coalbed wells | 8,230 | 7,836 | 6,645 | 10,778 | 5,512 |
| Shale gas wells | 1,397,163 | 1,662,365 | 2,036,297 | 2,471,305 | 2,612,917 |
| Total gross withdrawals | 1,514,278 | 1,771,698 | 2,155,214 | 2,592,319 | 2,760,429 |
| Non-marketed disposition | | | | | |
| Repressuring | NA | NA | NA | NA | NA |
| Vented and flared | NA | NA | NA | NA | NA |
| Nonhydrocarbon gases removed | NA | NA | NA | NA | NA |
| Total non-marketed disposition | NA | NA | NA | NA | NA |
| Dry production | | | | | |
| Marketed production | 1,514,278 | 1,771,698 | 2,155,214 | 2,592,319 | 2,760,429 |
| NGPL production, gaseous equivalent | 131,441 | 158,937 | 188,135 | 214,284 | 222,738 |
| Total dry production | 1,382,837 | 1,612,761 | 1,967,079 | 2,378,035 | 2,537,691 |
| Supply (million cubic feet) | | | | | |
| Dry production | 1,382,837 | 1,612,761 | 1,967,079 | 2,378,035 | 2,537,691 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 341,297 | 431,750 | 724,785 | 921,908 | 725,775 |
| Withdrawals from storage | | | | | |
| Underground storage | 194,966 | 209,731 | 195,855 | 185,693 | 181,165 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 205,227 | 119,373 | 49,048 | R-79,993 | 33,890 |
| Total supply | 2,124,326 | 2,373,616 | 2,936,766 | R3,405,642 | 3,478,521 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 184,025 | 202,934 | 221,268 | R243,904 | 258,687 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 1,739,709 | 1,978,078 | 2,501,431 | 2,970,134 | 3,028,153 |
| Additions to storage | | | | | |
| Underground storage | 200,592 | 192,604 | 214,067 | 191,604 | 191,681 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 2,124,326 | 2,373,616 | 2,936,766 | R3,405,642 | 3,478,521 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | E59,224 | E69,002 | E84,053 | 101,100 | E107,657 |
| Pipeline and distribution use | 19,288 | 19,276 | 24,940 | 29,474 | 33,631 |
| Plant fuel | 11,909 | 15,234 | 11,797 | 12,751 | 12,862 |
| Delivered to consumers | | | | | |
| Residential | 22,385 | 26,256 | 23,850 | 22,853 | 23,818 |
| Commercial | 22,421 | 25,059 | 23,599 | 21,491 | 22,692 |
| Industrial | 38,358 | 37,374 | 36,570 | 34,950 | 38,009 |
| Vehicle fuel | 13 | 9 | 8 | 8 | 5 |
| Electric power | 10,426 | 10,725 | 16,451 | R21,277 | 20,014 |
| Total delivered to consumers | 93,603 | 99,422 | 100,477 | R100,579 | 104,538 |
| Total consumption | 184,025 | 202,934 | 221,268 | R243,904 | 258,687 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 10,807 | 11,213 | 11,059 | 10,114 | 10,677 |
| Industrial | 36,911 | 35,971 | 35,302 | 33,850 | 36,896 |
| Number of consumers | | | | | |
| Residential | 335,940 | 335,316 | 333,908 | 336,322 | 336,296 |
| Commercial | 34,795 | 34,911 | 34,958 | 35,216 | 35,294 |
| Industrial | 92 | 91 | 89 | 91 | 91 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 644 | 718 | 675 | 610 | 643 |
| Industrial | 416,936 | 410,701 | 410,895 | 384,066 | 417,680 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 3.86 | 3.86 | 3.71 | 3.20 | 4.22 |
| Delivered to consumers | | | | | |
| Residential | 9.43 | 9.84 | 9.90 | 10.11 | 10.46 |
| Commercial | 7.65 | 8.11 | 8.02 | 8.16 | 8.47 |
| Industrial | 3.21 | 3.54 | 3.04 | 2.35 | 3.76 |
| Electric power | W | W | 2.34 | R1.68 | W |

-- Not applicable.

< Percentage is less than 0.05%.

E Estimated data.

NA Not available.

R Revised data.

W Withheld.

* Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding and withheld data. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

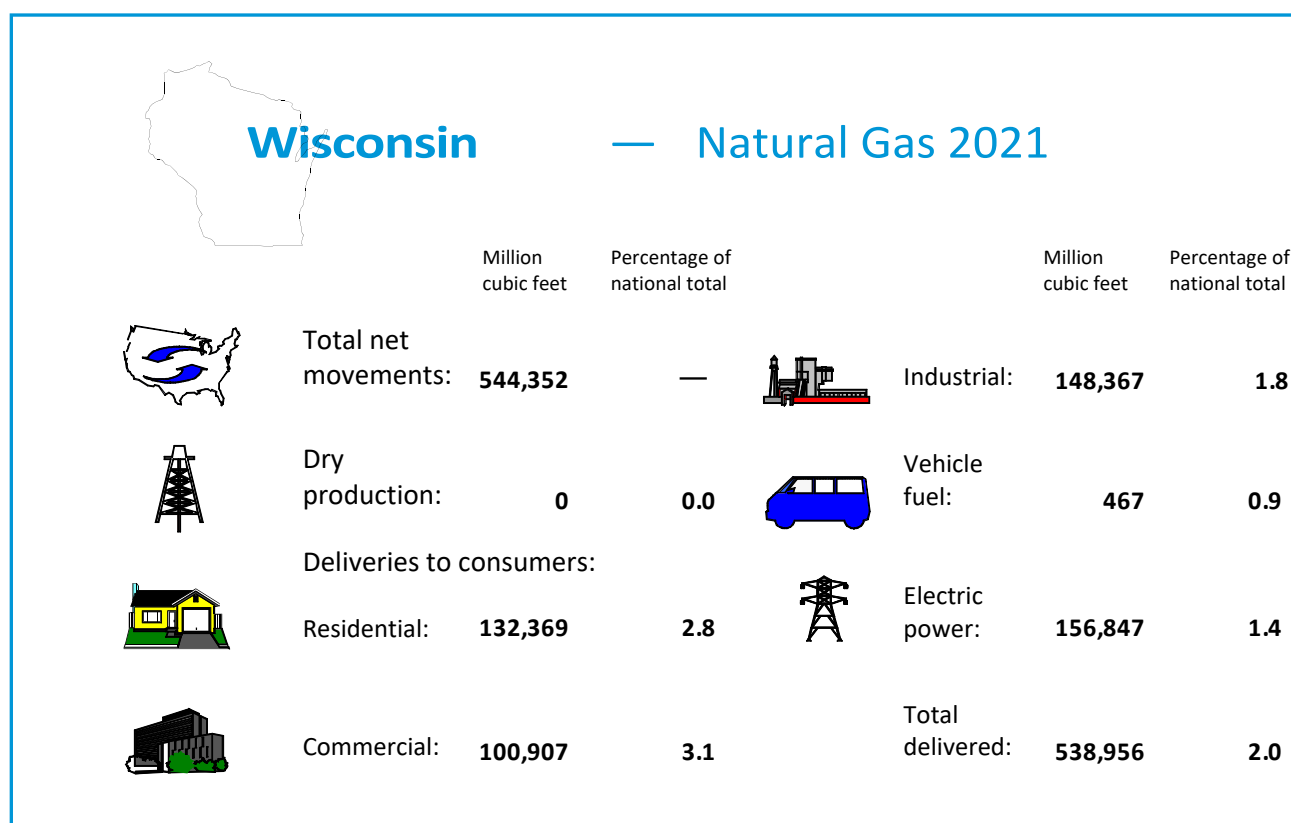


Table S51. Summary statistics for natural gas – Wisconsin, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|------------------|----------------|-----------------|----------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 0 | 0 | 0 | 0 | 0 |
| Oil wells | 0 | 0 | 0 | 0 | 0 |
| Coalbed wells | 0 | 0 | 0 | 0 | 0 |
| Shale gas wells | 0 | 0 | 0 | 0 | 0 |
| Total gross withdrawals | 0 | 0 | 0 | 0 | 0 |
| Non-marketed disposition | | | | | |
| Repressuring | 0 | 0 | 0 | 0 | 0 |
| Vented and flared | 0 | 0 | 0 | 0 | 0 |
| Nonhydrocarbon gases removed | 0 | 0 | 0 | 0 | 0 |
| Total non-marketed disposition | 0 | 0 | 0 | 0 | 0 |
| Dry production | | | | | |
| Marketed production | 0 | 0 | 0 | 0 | 0 |
| NGPL production, gaseous equivalent | 0 | 0 | 0 | 0 | 0 |
| Total dry production | 0 | 0 | 0 | 0 | 0 |
| Supply (million cubic feet) | | | | | |
| Dry production | 0 | 0 | 0 | 0 | 0 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 765,311 | 1,238,747 | 920,591 | 885,096 | 984,187 |
| Withdrawals from storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| Liquefied natural gas (LNG) storage | 96 | 85 | 108 | 95 | 96 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | 3,626 | 4,189 | 4,182 | R4,063 | -1,745 |
| Total supply | 769,033 | 1,243,021 | 924,880 | R889,254 | 982,539 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|----------------|------------------|----------------|-----------------|----------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 487,732 | 543,025 | 568,646 | R547,716 | 542,618 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 281,221 | 699,901 | 356,185 | 341,458 | 439,835 |
| Additions to storage | | | | | |
| Underground storage | 0 | 0 | 0 | 0 | 0 |
| LNG storage | 80 | 95 | 49 | 79 | 86 |
| Total disposition | 769,033 | 1,243,021 | 924,880 | R889,254 | 982,539 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | 0 | 0 | 0 | 0 | 0 |
| Pipeline and distribution use | 3,582 | 3,927 | 4,145 | 3,694 | 3,662 |
| Plant fuel | 0 | 0 | 0 | 0 | 0 |
| Delivered to consumers | | | | | |
| Residential | 131,018 | 144,521 | 151,591 | 138,384 | 132,369 |
| Commercial | 90,470 | 100,026 | 101,576 | 91,949 | 100,907 |
| Industrial | 154,920 | 164,613 | 162,622 | 153,714 | 148,367 |
| Vehicle fuel | 410 | 445 | 467 | 463 | 467 |
| Electric power | 107,332 | 129,494 | 148,245 | R159,513 | 156,847 |
| Total delivered to consumers | 484,150 | 539,098 | 564,501 | R544,023 | 538,956 |
| Total consumption | 487,732 | 543,025 | 568,646 | R547,716 | 542,618 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 0 | 0 | 0 | 0 | 0 |
| Commercial | 25,382 | 26,962 | 26,960 | 26,150 | 36,244 |
| Industrial | 129,870 | 135,541 | 135,807 | 129,214 | 124,778 |
| Number of consumers | | | | | |
| Residential | 1,757,817 | 1,775,242 | 1,793,147 | 1,811,337 | 1,823,385 |
| Commercial | 169,596 | 170,770 | 172,012 | 173,426 | 173,794 |
| Industrial | 7,367 | 7,579 | 7,895 | 8,072 | 8,082 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 533 | 586 | 591 | 530 | 581 |
| Industrial | 21,029 | 21,720 | 20,598 | 19,043 | 18,358 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 4.24 | 4.19 | 3.84 | 3.36 | 5.49 |
| Delivered to consumers | | | | | |
| Residential | 8.40 | 8.04 | 7.68 | 7.52 | 9.74 |
| Commercial | 6.60 | 6.44 | 6.14 | 5.74 | 7.88 |
| Industrial | 5.34 | 5.20 | 5.06 | 4.44 | 6.98 |
| Electric power | W | 3.28 | W | W | W |

-- Not applicable.

^R Revised data.

^W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

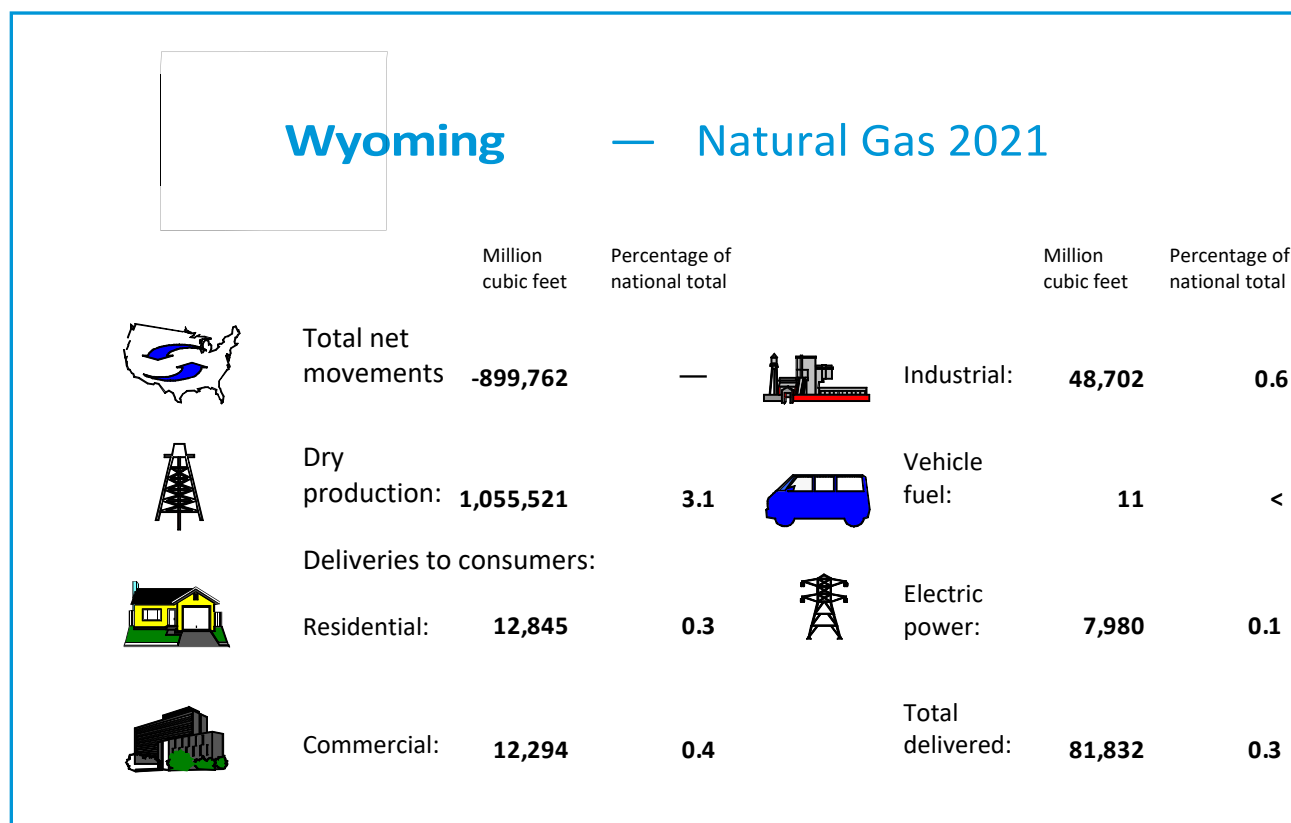


Table S52. Summary statistics for natural gas – Wyoming, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Production (million cubic feet) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 1,444,668 | 1,481,356 | 1,284,614 | 1,157,998 | 1,146,399 |
| Oil wells | 55,980 | 20,665 | 30,436 | 31,316 | 31,658 |
| Coalbed wells | 142,173 | 116,030 | 95,381 | 78,335 | 74,242 |
| Shale gas wells | 72,911 | 102,846 | 137,073 | 106,680 | 122,431 |
| Total gross withdrawals | 1,715,732 | 1,720,897 | 1,547,504 | 1,374,329 | 1,374,730 |
| Non-marketed disposition | | | | | |
| Repressuring | 57,627 | 37,088 | 15,953 | 17,446 | 86,824 |
| Vented and flared | 18,417 | 8,958 | 8,672 | 4,575 | 65,301 |
| Nonhydrocarbon gases removed | 49,630 | 37,333 | 34,025 | 45,940 | 113,372 |
| Total non-marketed disposition | 125,673 | 83,379 | 58,650 | 67,961 | 265,498 |
| Dry production | | | | | |
| Marketed production | 1,590,059 | 1,637,517 | 1,488,854 | 1,306,368 | 1,109,232 |
| NGPL production, gaseous equivalent | 61,748 | 65,003 | 55,048 | 56,332 | 53,711 |
| Total dry production | 1,528,311 | 1,572,514 | 1,433,806 | 1,250,036 | 1,055,521 |
| Supply (million cubic feet) | | | | | |
| Dry production | 1,528,311 | 1,572,514 | 1,433,806 | 1,250,036 | 1,055,521 |
| Receipts | | | | | |
| Imports | 0 | 0 | 0 | 0 | 0 |
| Intransit receipts | 0 | 0 | 0 | 0 | 0 |
| Interstate receipts | 1,248,839 | 1,370,549 | 1,207,155 | 1,055,093 | 929,804 |
| Withdrawals from storage | | | | | |
| Underground storage | 32,249 | 19,694 | 21,979 | 26,078 | 33,146 |
| Liquefied natural gas (LNG) storage | 0 | 0 | 0 | 0 | 0 |
| Supplemental gas supplies | 0 | 0 | 0 | 0 | 0 |
| Balancing item | -126,150 | -159,483 | -136,605 | R-118,544 | -8,685 |
| Total supply | 2,683,249 | 2,803,274 | 2,526,335 | R2,212,662 | 2,009,787 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------------|------------------|------------------|-------------------|------------------|
| Disposition (million cubic feet) | | | | | |
| Consumption | 149,405 | 165,384 | 160,366 | R157,427 | 152,855 |
| Deliveries | | | | | |
| Exports | 0 | 0 | 0 | 0 | 0 |
| Intransit deliveries | 0 | 0 | 0 | 0 | 0 |
| Interstate deliveries | 2,506,818 | 2,621,107 | 2,333,774 | 2,017,815 | 1,829,566 |
| Additions to storage | | | | | |
| Underground storage | 27,027 | 16,783 | 32,195 | 37,420 | 27,365 |
| LNG storage | 0 | 0 | 0 | 0 | 0 |
| Total disposition | 2,683,249 | 2,803,274 | 2,526,335 | R2,212,662 | 2,009,787 |
| Consumption (million cubic feet) | | | | | |
| Lease fuel | €32,069 | €32,277 | €32,998 | 31,562 | 32,184 |
| Pipeline and distribution use | 13,604 | 15,218 | 13,256 | 13,348 | 13,016 |
| Plant fuel | 21,370 | 22,800 | 22,016 | 21,173 | 25,824 |
| Delivered to consumers | | | | | |
| Residential | 12,553 | 13,142 | 14,057 | 12,968 | 12,845 |
| Commercial | 13,972 | 13,787 | 12,996 | 12,269 | 12,294 |
| Industrial | 54,512 | 66,272 | 61,755 | 60,368 | 48,702 |
| Vehicle fuel | 18 | 16 | 19 | 12 | 11 |
| Electric power | 1,307 | 1,873 | 3,271 | R5,727 | 7,980 |
| Total delivered to consumers | 82,362 | 95,090 | 92,097 | R91,344 | 81,832 |
| Total consumption | 149,405 | 165,384 | 160,366 | R157,427 | 152,855 |
| Delivered for other companies (million cubic feet) | | | | | |
| Residential | 3,530 | 3,871 | 4,235 | 3,941 | 4,016 |
| Commercial | 6,890 | 6,618 | 5,440 | 5,289 | 5,289 |
| Industrial | 53,587 | 65,325 | 61,043 | 59,820 | 48,202 |
| Number of consumers | | | | | |
| Residential | 165,351 | 166,140 | 167,597 | 169,238 | 170,833 |
| Commercial | 21,536 | 21,578 | 21,561 | 21,690 | 21,758 |
| Industrial | 100 | 92 | 87 | 82 | 75 |
| Average annual consumption per consumer (thousand cubic feet) | | | | | |
| Commercial | 649 | 639 | 603 | 566 | 565 |
| Industrial | 545,120 | 720,348 | 709,824 | 736,195 | 649,366 |
| Average price for natural gas (dollars per thousand cubic feet) | | | | | |
| Imports | -- | -- | -- | -- | -- |
| Exports | -- | -- | -- | -- | -- |
| Citygate | 3.92 | 3.74 | 3.48 | 3.02 | 6.36 |
| Delivered to consumers | | | | | |
| Residential | 9.01 | 8.60 | 8.06 | 8.84 | 10.04 |
| Commercial | 6.92 | 6.61 | 6.30 | 6.58 | 7.65 |
| Industrial | 4.28 | 3.92 | 3.91 | 4.16 | 5.76 |
| Electric power | W | W | W | W | W |

-- Not applicable.

€ Percentage is less than 0.05%.

E Estimated data.

R Revised data.

W Withheld.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: Wyoming gross withdrawals previously included some volumes of cyclic CO₂; however, starting with 2017 data, this series no longer includes those volumes because they were out of the scope of EIA's updated definition of gross withdrawals. Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

Appendix A

Summary of Data Collection and Report Methodology

The 2021 data for the *Natural Gas Annual* are taken primarily from Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*. We discuss this survey and all other sources of data for this report are discussed separately in the following sections.

Form EIA-176

Survey design

The original version of Form EIA-176 was approved in 1980 and had a mandatory response requirement. Before 1980, published data were based on voluntary responses to forms BOM-6-1340-A and BOM-6-1341-A from the Bureau of Mines in the U.S. Department of the Interior.

Form EIA-176 is a five-page form consisting of seven parts. Part 1 of the form contains identifying information including the company identification number, the company name and address, the state for which the report is filed, and address correction information. Part 2 contains information on reporting requirements, and Part 3 asks for the type of operations the company conducts. The body of the form (Parts 4-7) is a multi-line schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the state indicated. Respondents filed completed forms with the EIA in Washington, DC. Data for the year 2021 were due March 1, 2022.

Data reported on Form EIA-176 is considered public information (not proprietary) and may be publicly released in company or individually identifiable form.

In January 2022, we mailed forms for report year 2021 to all identified:

- Interstate natural gas pipeline companies
- Intrastate natural gas pipeline companies
- Investor and municipally owned natural gas distributors
- Underground natural gas storage operators
- Synthetic natural gas plant operators
- Field, well, or processing plant operators that delivered natural gas directly to consumers (including their own industrial facilities) other than for lease use, plant use, or processing
- Field, well, or processing-plant operators that transported natural gas to, across, or from a state border through field or gathering facilities
- Liquefied natural gas (LNG) storage operators.

We included detailed instructions for completing the form in each survey package.

Respondents submitted completed forms to EIA, and we checked each form for errors, made corrections as necessary, and processed the data into computer-generated state and national data summaries.

Response Statistics

Each company and its parent company or subsidiaries were required to file for each state in which their operations met the Form EIA-176 survey criteria. The original mailing totaled 2,104 questionnaire packages. To the original mailing list, 22 names were added and 40 were deleted as a result of the survey processing. We

identified additions from a special frames update process and by comparing this mailing list with additional natural gas industry survey mailing lists. Deletions resulted from post office returns and other research that identified companies that were out of business, sold, or out of the scope of the survey. After all updates, the 2021 survey scope consisted of 2,085 active companies.

Following the original mailing, a second request mailing, and nonrespondent follow-up, there were 76 nonrespondents.

Summary of Form EIA-176 data validation

Pre-programmed edits verify the report year, state code, and arithmetic totals. We perform further tests to ensure that all necessary data elements are present and that the data are reasonable and internally consistent. To resolve problems, we contact respondents and require them to file amended forms with corrected data, where necessary.

Comparison of the Form EIA-176 with other data sources

Comparing Form EIA-176 data with data from similar series is another method of ensuring the validity of the data published in this report. When these comparisons on a company-by-company basis show significant differences, we require respondents to reconcile the data.

We check data on imports and exports of natural gas, as collected on Form EIA-176, by comparing individual responses with the quarterly data reports called *Natural Gas Imports and Exports* by the Office of Fossil Energy and Carbon Management, U.S. Department of Energy. Suppliers must file this quarterly report to get import or export authorizations. When we see discrepancies between the two data sets, respondents must file corrected reports.

Similarly, we compare data on the underground storage of natural gas with data from Form EIA-191, *Monthly Underground Gas Storage Report*. If we notice significant differences, we contact the companies and require them to reconcile the discrepancies.

We compare data on deliveries to residential, commercial, and industrial consumers were compared with data submitted on Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*. If we find discrepancies, respondents must file corrected reports, sometimes for both surveys. If needed, we contact suppliers to clarify any misunderstandings concerning the correct filing of data. Typical errors included electric power volumes combined with industrial volumes, sales for resale volumes reported as industrial consumption, and misinterpretation of general instructions.

We also compare pipeline flows with pipeline capacity information filed at the Federal Energy Regulatory Commission or other industry sources. If flow volumes exceed pipeline capacity, we research the situation further and, in some cases, require respondents to file corrected reports.

Number of residential and commercial consumers

The number of residential and commercial consumers reported for the years presented in this report (2017 through 2021) may be double counted.

We collect data on the number of residential and commercial consumers through a survey of companies that deliver natural gas to consumers (Form EIA-176). The survey asks companies for the number of customers served as sales customers as well as customers to whom they deliver natural gas purchased from others. Traditionally, residential and commercial customers obtained the natural gas and all services associated with delivering it from their local distribution company (LDC). The LDC records these customers as sales customers. Customer choice programs allow consumers to choose their provider. When customers elect to purchase natural

gas from a provider other than the LDC, the LDC continues to deliver the natural gas to the household even though it no longer sells the gas. When customers switch to another provider, they become transportation service customers for the LDC.

During the same year, a residential customer may first be classified as a traditional sales customer and then, after entering a customer choice program, as a transportation service customer. In addition, some residential and commercial consumers may switch from transportation to sales service, for instance, when a choice pilot program ends. The potential double counting affects the number of consumers shown in the *Natural Gas Annual*.

Tables 19-21 list the number of sales and transportation customers, for residential, commercial, and industrial consumers, respectively, as reported on Form EIA-176 for 2020 and 2021, and could be used to evaluate double counting. The number of residential customers is reported on Form EIA-176 for both sales (in Part 6, lines 10.1) and transportation (in Part 6, line 11.1). The number of commercial customers is reported on this form for both sales (in Part 6, line 10.2) and transportation (in Part 6, line 11.2). The number of industrial customers is reported on this form for both sales (in Part 6, line 10.3) and transportation (in Part 6, line 11.3).

Customer choice programs, also known as retail unbundling programs, were implemented starting in the late 1990s. A description of these programs for states offering customer choice is on the EIA website.

Production data sources

Form EIA-627 and Form EIA-895

The 1980 data year was the first year of natural gas production that we collected on Form EIA-627. Previously, we collected this data on an informal basis from appropriate state agencies. We designed this form to collect annual natural gas production data from the appropriate state agencies under a standard data reporting system within the limits imposed by the diversity of data collection systems of the various producing states.

In 1996, we redesigned and designated Form EIA-627 as the voluntary Form EIA-895, *Monthly and Annual Report of Natural and Supplemental Gas Supply and Disposition*. Form EIA-895 had both a monthly and an annual schedule for quantity and value of natural gas production. We discontinued the monthly schedule in 2008, and the annual schedule in 2010.

Starting in 2011, we obtained production data for all producing states directly from state agencies, state-sponsored public record databases, or commercial data vendors such as Enverus, PointLogic Energy, or Ventyx. Production data for the Federal Offshore Gulf of Mexico region are provided by the U.S. Bureau of Safety and Environmental Enforcement (BSEE), formerly the Minerals Management Service (MMS). Federal Offshore Pacific production, currently allocated to California, is also collected from BSEE. For a few states where the state reported production may be incomplete in some months, we estimate the state data based on data collected on the EIA-914 report.

Gross withdrawals from oil wells, natural gas wells, coalbeds, and shale formations

Before 2012, gross withdrawals from natural gas wells and gross withdrawals from oil wells were published according to state agency natural gas well and oil well definitions. In 2012, we defined natural gas wells and oil wells using natural gas-to-oil ratios (GOR) of monthly well production. Before calculation, natural gas production volumes are standardized to the federal pressure base, 14.73 pounds per square inch absolute (psia). Wells with a GOR of 6,000 cubic feet per barrel (cf/bbl) or less are defined as oil wells. Wells with a GOR greater than 6,000 cf/bbl are defined as natural gas wells. We used the Enverus database to calculate natural gas-to-oil ratios,

determine the percentage of production from each well type, and then apply these percentages to the total gross withdrawals for each state. In addition, oil wells included in this calculation are limited to only oil wells that produce associated natural gas along with oil. The only exception to EIA's GOR methodology is Alaska. For Alaska, we continue to use oil and natural gas well definitions as determined by the Alaska Oil and Gas Conservation Commission (AOGCC).

The recovery of natural gas from shale formations and coalbeds contributes significantly to total natural gas production in many states. In addition to natural gas production from both oil and natural gas wells, the *Natural Gas Annual* also provides shale gas and coalbed methane production data (see Tables 1, 3, and applicable state summary tables). From 2013 through 2015 data, we primarily sourced coalbed and shale production volumes from PointLogic Energy. From 2016 to 2017, we sourced coalbed data and shale production volumes from PointLogic Energy and derived shale production volumes from state administrative data collected by Enverus. Shale production volumes are EIA estimates based on well-level data from Enverus. From 2018 forward, we used the Enverus database to calculate natural gas-to-oil ratios, but instead of identifying only natural gas wells and oil wells (as done in previous years), we refined the process to identify natural gas wells, oil wells, shale gas wells, shale or tight oil wells, and coalbed gas wells.

Given these new categories, a natural gas well now refers to a well with a GOR greater than 6,000 cf/bbl that is not producing from a shale, tight, or coalbed formation. A shale gas well refers to a well with a GOR greater than 6,000 cf/bbl that is producing from a shale or tight formation. A coalbed gas well refers to a well that is producing methane from a coalbed formation. We determine the percentage of production from each of these well types and apply these percentages to the total gross withdrawals for each state. Gross withdrawals from shale gas wells and gross withdrawals from shale or tight oil wells are accounted for in the from *shale gas wells* category under the Production section in each state table. Gross withdrawals from coalbed methane wells are accounted for in the from *coalbed wells* category under Production. The broadening of well type categories means that production from wells previously considered natural gas wells or oil wells may now be considered production from shale gas wells, shale or tight oil wells, and coalbed gas wells, and as a result, a change in a state's production category volumes from 2017 to 2018 may be seen. Producing reservoirs may not be consistently classified in some areas; different interpretations of how to classify shale and non-shale formations are possible.

Non-marketed natural gas disposition

Non-marketed natural gas disposition includes nonhydrocarbon gases removed, natural gas vented and flared, and natural gas reinjected into reservoirs for repressuring, cycling, or other purposes.

Before 2010, non-marketed natural gas disposition data were sourced from the now-discontinued Form EIA-895. Some, but not all, states provided these data. After the discontinuation of Form EIA-895, when these data were not available for a state that historically provided these data to EIA, volumes were either estimated, gathered via good-faith outreach attempts with state agencies, or gathered from publicly available data on state agency websites. We called or emailed state agencies to gain insight on information obtained from their websites, and to correct potential errors. When necessary, estimates of these data are based on the average ratio of natural gas volumes in the missing category to total gross withdrawals in states with values in that category. We apply this average ratio to the volume of total gross withdrawals obtained to calculate the volume for the missing items. When data availability prevents us from determining reasonable estimates for these categories of non-marketed natural gas disposition, the tables include an 'NA' (not available) instead of an estimate. We treat data items listed as NA as zero in calculating dry natural gas totals.

Wyoming gross withdrawals previously included some volume of cyclic CO₂; however, starting with 2017 data,

this series began excluding those volumes because they were out of the scope of EIA's updated definition of gross withdrawals.

Marketed natural gas production

We calculate marketed production of natural gas as the remaining portion of gross withdrawals after we remove non-marketed natural gas disposition. We do not remove fuel used in lease or plant operations from gross withdrawals and therefore consider this fuel as a component of marketed production.

Marketed natural gas production is listed in Tables 3 and 5, as well as on each individual state page.

Production data quality assurance

We manually check production data for reasonableness and mathematical accuracy. We convert volumes, as necessary, to a standard 14.73 pounds per square inch absolute pressure base. We compare the data with the previous year's data and other commercial sources for reasonableness.

Our gross withdrawal numbers may differ from those sourced from state websites. The largest discrepancies exist as a result of accounting differences of nonhydrocarbon gases. Some states receive production reports from operators that include volumes of nonhydrocarbon gases that were injected into the producing reservoir from an external source (for example, a CO₂ pipeline or N₂ from nitrogen rejection units). We do not consider these volumes to be gross withdrawals, and we make extensive efforts to identify and remove these volumes from gross withdrawals. Other discrepancies typically are a result of amended reports being received by state agencies that include data that were not available when the *Natural Gas Annual* was published.

In addition, we compare annual production data with other data sources to ensure accuracy and reasonableness. These sources include monthly production data from Form EIA-914, annual production data from Form EIA-23L, as well as third party data providers such as Enverus, PointLogic Energy, IHS Markit, and Platts S&P Global.

Form EIA-910

Survey design

Form EIA-910, *Monthly Natural Gas Marketer Survey*, collects information on natural gas sales from marketers in selected states and districts that have active customer choice programs. Up to 2010, these states and districts were Florida, Georgia, Illinois, Maryland, Michigan, New Jersey, New York, Ohio, Pennsylvania, West Virginia, Virginia, and the District of Columbia. Beginning in 2011, we collect Form EIA-910 only in Georgia, New York and Ohio. We selected these states based on the percentage of natural gas sold by marketers in the residential and commercial end-use sectors. The survey collects monthly price and volume data on natural gas sold by all marketers in the selected states. A natural gas marketer is a company that competes with other companies to sell natural gas, but it relies on regulated LDCs to deliver the natural gas. We integrate the data collected on Form EIA-910 with residential and commercial price data from Form EIA-176 and Form EIA-857 for the states and sectors where Form EIA-910 data are published.

Response statistics

Response to Form EIA-910 is mandatory and the collected data are confidential. Approximately 165 natural gas marketers reported to the survey in 2021. Final monthly survey response rates are approximately 100%. Responses are filed with EIA in Washington, DC, on or before the 30th day after the end of the report month.

Routine Form EIA-910 edit checks

We manually check each filing of Form EIA-910 for reasonableness and mathematical accuracy. We compare state-level price and volume data to data collected on Form EIA-857 on a monthly basis and Form EIA-176 on an annual basis. We expect the residential and commercial volume data collected from marketers on Form EIA-910 to match residential and commercial transportation volume data collected monthly on the Form EIA- 857 and annually on Form EIA-176. When we notice discrepancies, respondents on one or all of the surveys are required to submit corrected reports.

Other data sources

Natural gas processed and natural gas plant liquid production, natural gas equivalent volume

The natural gas plant liquids production, natural gas equivalent volume, is the reduction in volume of natural gas available for disposition resulting from the removal of natural gas plant liquids constituents such as ethane, propane, butane, isobutane, and pentanes plus. It represents that portion of the raw natural gas stream transferred from the natural gas supply chain to the petroleum and natural gas liquids supply chain. The natural gas equivalent volume of natural gas plant liquid production does not include the reduced volume resulting from the removal of nonhydrocarbon constituents, or natural gas used as fuel, vented, flared, or otherwise disposed of within natural gas processing plants. The extraction of natural gas plant liquids also results in a reduced total heat (British thermal unit) content of the natural gas stream proportionate to the heat content of the liquid fuels extracted.

Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*, collects data on the volume of natural gas received for processing, the total quantity of natural gas plant liquids produced, and the resulting shrinkage (defined as *natural gas plant liquids production, natural gas equivalent volume*, in this report) from all natural gas processing and cycling-plant operators. The quantity of natural gas received and liquid fuels produced are reported by the point of origin of the natural gas. Plant operators calculate and report shrinkage volumes based upon the chemical composition of the liquid fuels extracted using standard conversion factors specified in the form instructions. A description of Form EIA-64A survey is in our publication, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Report*. Beginning in 2012, natural gas plant liquid (NGPL) production, gaseous equivalent, was geographically broken down further to show both the state where the processed natural gas originated and the state where it was processed. Prior to 2012, NGPL production (gaseous equivalent) was shown to be produced in the state where the processing plant was located—except for the Gulf of Mexico, where processing was shown to occur in bordering states.

NGPL production by product has been reported on the Form EIA-64A since 2019. Before 2019, we used data reported on the Form EIA-816, *Monthly Natural Gas Liquids Report*, to determine the individual products contained in the total liquid fuels reported on Form EIA-64A. A description of the Form EIA-816 survey is presented in the EIA publication, *Petroleum Supply Annual, Volume II*.

Form EIA-816 captures information on the quantity of individual natural gas plant liquids components (that is, ethane, propane, normal butane, isobutane, and pentanes plus) produced at natural gas processing plants as determined by chemical analysis. The volumetric ratios of the individual components to the total liquid fuels, as calculated from the 12 monthly Form EIA-816 reports for each state, are applied to the annual total liquid fuels production, as reported on Form EIA- 64A, to estimate the quantities of individual components removed at natural gas processing plants.

We estimate the heat (Btu) content of natural gas plant liquids production by applying conversion factors to the

estimated quantities of products extracted in each state. These conversion factors, in million Btu per barrel of liquid produced, are ethane, 3.082; propane, 3.836; normal butane, 4.326; isobutane, 3.974; and pentanes plus, 4.620.

Imports and exports

Volumes and prices of natural gas imports and exports are reported to the U.S. Department of Energy's Office of Fossil Energy and Carbon Management, and published in its *Natural Gas Imports and Exports*. These volume data and aggregate price data are nonproprietary, and each individual or organization that has authority to import and export natural gas reports this data each year.

Lease and plant fuel

Lease and plant fuel represent those quantities of natural gas used in well, field, or lease operations (such as natural gas used in production operations, heaters, dehydrators, and field compressors) and as fuel in natural gas processing plants.

We collect lease fuel data from state agencies and other sources, as described in the Production Data Sources section. If we don't have reporting quantities through those sources, we use an average of the state's historical ratio of lease fuel to gross withdrawals to estimate lease fuel quantities.

We obtained natural gas plant fuel data from Form EIA-64A.

Electric power generation data

Starting in 2007, all electric power sector data previously derived from Form EIA-860, *Annual Electric Generator Report*, Form EIA-906, *Power Plant Report*, Form EIA-920, *Combined Heat and Power Plant Report*, FERC Form 423, *Monthly Report of Cost and Quality of Fuels for Electric Plants*, and Form EIA-423, *Monthly Report of Costs and Quality of Fuels for Electric Plants Report*, are now derived from Form EIA-923, *Power Plant Operations Report*.

The electric power sector includes electricity-only and combined-heat-and-power plants whose primary business is to sell electricity, or electricity and heat, to the public. We changed reported volumes from *electric utilities* to *electric power sector* in the *Natural Gas Annual 2001* to maintain consistency among EIA publications.

Natural gas consumed as a vehicle fuel

To estimate the volumes of natural gas consumed as vehicle fuel in the *Natural Gas Annual 2021*, we used data on the Form EIA-176 to represent the total U.S. vehicle fuel consumption. Prior to 2018, data on Form EIA-886, *Annual Survey of Alternative Fueled Vehicles*, were used to determine the allocation between the states; since Form EIA-886 was suspended after the 2017 report year, Form EIA-176 data have been used to determine states' allocations.

Vehicle fuel estimates include volumes sent directly to fueling stations and end users, as well as company fleets owned or fueled by natural gas distributors. In instances where industrial or commercial end users fuel their own natural gas-powered fleets, those volumes are most likely categorized as industrial or commercial, respectively.

Coverage of consumer prices

Coverage for prices varies by consumer sector. We compute all average prices by dividing the reported revenue

by its associated sales volume. We calculate prices for deliveries of natural gas to residential, commercial, and industrial consumers from reports to Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*, for most states and sectors.

Beginning with 2002 data for Georgia, Maryland, New York, Ohio, and Pennsylvania, the residential and commercial sector prices have included natural gas sold to customers by energy marketers. We collect sales by energy marketers in these states on Form EIA-910, *Monthly Natural Gas Marketer Survey*. Beginning in 2005, residential prices in Florida, New Jersey, and Virginia, and commercial prices in Florida, Michigan, Virginia, and the District of Columbia have also included sales by energy marketers that are collected on the Form EIA-910.

As a result of the unbundling of services in the natural gas industry, pipeline and LDCs provide transportation service for end-user customers to whom they do not sell the natural gas. In this report, those volumes are described as deliveries of natural gas for another company.

When companies that deliver natural gas are the sellers of that natural gas, they are able to report the associated revenue to EIA. Those volumes are called onsystem sales. When the firm that physically delivers natural gas to the end user acts as a transportation agent, it does not know the sales price of the natural gas. Respondents, therefore, do not report a revenue amount associated with deliveries for other companies in their submissions of Form EIA-176. Beginning in 2002 in Georgia, Maryland, New York, Ohio and Pennsylvania, natural gas marketers who sell natural gas transported to residential and commercial customers by LDCs report the revenues from the sale of this natural gas to EIA on Form EIA-910, *Monthly Natural Gas Marketer Survey*. Beginning in 2005, the same is true for Florida in the residential and commercial sector, Michigan in the commercial sector, New Jersey in the residential sector, Virginia in the residential and commercial sector, and in the District of Columbia in the commercial sector. For these states, we calculate prices in the residential and commercial sectors by combining data from Form EIA-176, Form EIA-857, and Form EIA-910.

We calculate citygate prices from reports to Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*. Companies that deliver natural gas to end-use consumers complete both Form EIA-176 and Form EIA-857, but marketers or companies that sell but do not deliver natural gas to end-use consumers complete Form EIA-910.

Price definitions

Citygate: Citygate prices represent the total cost paid by natural gas distribution companies for gas natural received at the point where the natural gas is physically transferred from a pipeline company or transmission system. This price is intended to reflect all charges for the acquisition, storage, and transportation of the natural gas as well as other charges associated with the LDCs obtaining the gas for sale natural to consumers.

Prices for natural gas delivered to the citygate represent all of the volumes of natural gas purchased by LDCs for subsequent sale and delivery to consumers in their service area. Because companies report these prices on a monthly form, we calculate the annual average citygate price by summing the monthly revenues reported and dividing that figure by the sum of the monthly reported volumes.

Commercial and industrial: Prices for the commercial and industrial sectors are often associated with relatively small volumes of the total natural gas delivered. The volume of delivered natural gas is often small because it is reported by those that deliver natural gas and not by the natural gas resellers or by the consumers. The delivery agent provides transportation service only and does not know the commodity cost of the natural gas it transports.

Natural gas prices reported for commercial and industrial consumers represent only those purchases from LDCs

except for in Georgia, New York, and Ohio, where commercial prices include data from natural gas marketers who sell natural gas transported to end-use commercial customers by LDCs. Except for in those states, natural gas prices for commercial and industrial customers exclude volumes transported, but not sold, by the LDC or pipeline company.

Electric power: From 2003 to 2006, two separate surveys collected prices for natural gas: FERC Form 423, which is completed by regulated utilities, and Form EIA-423, *Monthly Report of Cost and Quality of Fuels for Electric Plants Report*, which is completed by nonregulated power producers. We began using Form EIA-423 in January 2002, and the form collects information from the nonutility portion of the electric power sector. Data in this report for 2003 forward cover the regulated (steam-electric and combined-cycle units) and unregulated (regardless of unit type) generating plants whose total facility fossil-fueled nameplate generating capacity is 50 megawatts or greater. Beginning in 2007, data previously collected on Form EIA-423 and FERC Form 423 are now collected on Form EIA-923, *Power Plant Operations Report*.

Electric utilities: Prior to 2007, prices for natural gas were also reported to EIA on the FERC Form 423, *Monthly Report of Cost and Quality of Fuels for Electric Plants*. The respondents are regulated electric utilities that report receipts and prices of fuels and represent most of the volumes delivered to electric utilities. We also publish these prices in several other EIA reports: *Electric Power Monthly*, *Electric Power Annual*, and *Cost and Quality of Fuels for Electric Plants*. Starting in 2007, we derive electric utility data from Form EIA-923, *Power Plant Operations Report*. Prices to electric utilities cover natural gas purchased by regulated electric generating plants whose total steam turbine electric generating capacity, combined-cycle (natural gas turbine with associated steam turbine), or both are 50 or more megawatts. The *Natural Gas Annual* reports natural gas prices for electric utilities through 2001 and for the electric power sector thereafter.

Residential: Prices in this publication for the residential sector cover nearly all of the volumes of natural gas delivered to residential customers.

Natural gas balancing item

The natural gas balancing item represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. We calculate the natural gas balancing item for each state as the result of a comparison between total reported supply and total reported disposition (Table 2). In the formula used, total reported supply is the sum of marketed production, net interstate movements, net movements across U.S. borders, and supplemental gaseous fuels supplies. Total reported disposition is the sum of natural gas plant liquids production, net storage changes (net additions to storage), and consumption. When this calculation results in a negative quantity for the balancing item, it represents an excess of reported supply in relation to reported disposition, and positive quantities indicate the opposite situation.

The differences between supply and demand represent:

- Quantities lost
- The net result of natural gas company conversions of flow data metered at varying temperature and pressure conditions to a standard temperature and pressure base
- Metering inaccuracies
- The effect of variations in company accounting and billing practices
- Differences between billing cycle and calendar-period time frames
- Imbalances resulting from EIA's merger of data reporting systems, which vary in scope, format, definitions, and type of respondents

The balancing items in individual states may also reflect the underreporting on Form EIA-176 of natural gas transported across state borders for other companies by some interstate pipelines.

Table A1. Natural gas losses and unaccounted for volumes by state, 2021

| State or district | Losses ^a (million cubic feet) | Unaccounted for ^b (million cubic feet) | Total consumption (million cubic feet) | Losses and unaccounted for volumes as a percentage of total consumption |
|----------------------|---|--|---|---|
| Alabama | 633 | 247 | 710,424 | 0.1 |
| Alaska | 62 | -1,104 | 391,656 | -0.3 |
| Arizona | 897 | 1,935 | 470,518 | 0.6 |
| Arkansas | 2,038 | 137 | 351,716 | 0.6 |
| California | 12,785 | 45,816 | 2,092,612 | 2.8 |
| Colorado | 949 | 23,750 | 497,187 | 5.0 |
| Connecticut | 1,460 | 2,827 | 299,497 | 1.4 |
| Delaware | 660 | 4,002 | 82,382 | 5.7 |
| District of Columbia | 902 | 0 | 27,458 | 3.3 |
| Florida | 1,890 | -1,524 | 1,541,411 | < |
| Georgia | 458 | -5,367 | 768,305 | -0.6 |
| Hawaii | 2 | -147 | 2,783 | -5.2 |
| Idaho | 341 | -387 | 129,212 | < |
| Illinois | 9,374 | 6,323 | 1,107,811 | 1.4 |
| Indiana | 2,086 | 3,572 | 827,240 | 0.7 |
| Iowa | 1,823 | -470 | 386,270 | 0.4 |
| Kansas | 1,166 | 4,353 | 282,981 | 2.0 |
| Kentucky | 2,726 | 10,365 | 352,811 | 3.7 |
| Louisiana | 12,546 | 1,436 | 1,751,499 | 0.8 |
| Maine | 286 | 743 | 51,797 | 2.0 |
| Maryland | 2,292 | 9,350 | 292,169 | 4.0 |
| Massachusetts | 4,871 | -12,371 | 392,524 | -1.9 |
| Michigan | 6,260 | 1,447 | 901,916 | 0.9 |
| Minnesota | 1,801 | 339 | 489,872 | 0.4 |
| Mississippi | 1,729 | -586 | 567,327 | 0.2 |
| Missouri | 1,092 | 185 | 294,611 | 0.4 |
| Montana | 589 | 5,444 | 81,624 | 7.4 |
| Nebraska | 1,714 | -1,526 | 181,472 | 0.1 |
| Nevada | 218 | 5,956 | 294,161 | 2.1 |
| New Hampshire | 164 | 268 | 58,252 | 0.7 |
| New Jersey | 4,106 | -2,324 | 672,934 | 0.3 |
| New Mexico | 138 | 6,354 | 276,033 | 2.4 |
| New York | 15,746 | -4,222 | 1,318,560 | 0.9 |
| North Carolina | 768 | 1,408 | 611,722 | 0.4 |
| North Dakota | 596 | 3,724 | 182,563 | 2.4 |
| Ohio | 3,480 | -11,771 | 1,205,084 | -0.7 |
| Oklahoma | 1,873 | 711 | 712,240 | 0.4 |
| Oregon | 307 | 293 | 282,060 | 0.2 |
| Pennsylvania | 6,932 | 27,651 | 1,807,772 | 1.9 |
| Rhode Island | 1,258 | 211 | 96,852 | 1.5 |
| South Carolina | 183 | -3,373 | 339,854 | -0.9 |
| South Dakota | 248 | 1,363 | 90,153 | 1.8 |
| Tennessee | 1,263 | 548 | 400,400 | 0.5 |
| Texas | 20,877 | 2,833 | 4,666,021 | 0.5 |
| Utah | 3,051 | -11,759 | 260,749 | -3.3 |
| Vermont | * | 114 | 13,272 | 0.9 |
| Virginia | 3,997 | 12,079 | 668,879 | 2.4 |
| Washington | 1,864 | -2,238 | 348,671 | -0.1 |
| West Virginia | 3,125 | -4,675 | 258,687 | -0.6 |
| Wisconsin | 1,892 | -994 | 542,618 | 0.2 |
| Wyoming | 754 | 2,786 | 152,855 | 2.3 |
| Total | 146,268 | 123,730 | 30,664,951 | 0.9 |

^a Losses are known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down within the state where the natural gas was lost.

^b Unaccounted 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, as reported by survey respondents. These differences may be due to quantities lost or to the effects of differences in company accounting systems in terms of scope and definition. A positive "unaccounted for" volume means that supply exceeds disposition by that amount. A negative "unaccounted for" volume means that supply is less than disposition.

* Volume is less than 500,000 cubic feet.

< Percentage is less than 0.05%.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Note: Totals may not equal sum of components because of independent rounding.

Appendix B

Metric and Thermal Conversion Tables

Metric conversions

Table B1 presents summary statistics for natural gas in the United States for 2017 through 2021 in metric units of measure. We show volumes in cubic meters, instead of cubic feet, and prices in nominal dollars per thousand cubic meters, instead of dollars per thousand cubic feet. We have converted the data in this table from the data that appear in Table 1 of this report.

Thermal conversions

Table B2 presents the thermal (British thermal unit) conversion factors and the converted data for natural gas supply and disposition from 2017 through 2021.

Thermal conversion factors

- **Additions to storage.** We assume additions to both underground and LNG storage have the same heat content as consumption.
- **Balancing item.** We calculate this conversion factor by subtracting the total heat content of all other items of supply from the heat content of total disposition (from Table B2) and dividing the difference by the balancing item quantity.
- **Consumption.** The thermal conversion factor for total consumption (lease fuel, plant fuel, pipeline fuel, and deliveries to consumers) is the average heat content for deliveries to end users as reported on Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*. We obtain the average heat content of consumption in the electric power sector from Form EIA-923, *Power Plant Operations Report*.
- **Dry production.** We assume this conversion factor to be the same as the thermal conversion factors for consumption.
- **Marketed production.** We calculate the conversion factor by adding the total heat content of dry production to the total heat content of natural gas plant liquid (NGPL) production and dividing the resulting sum by the total quantity of dry production and NGPL production.
- **Natural gas plant liquids production.** This conversion factor is in Appendix A of this publication.
- **Supplemental gas supplies.** We assume this conversion factor is the same as that for consumption.
- **Withdrawals from storage.** We assume both underground and LNG storage withdrawals to have the same heat content as consumption.

Table B1. Summary statistics for natural gas in the United States, metric equivalents, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|----------------|------------------|------------------|-------------------|------------------|
| Production (million cubic meters) | | | | | |
| Gross withdrawals | | | | | |
| Natural gas wells | 174,472 | 222,685 | 210,487 | 191,120 | 179,711 |
| Oil wells | 176,058 | 127,525 | 130,358 | 130,597 | 128,983 |
| Coalbed wells | 27,911 | 27,771 | 25,557 | 23,252 | 21,647 |
| Shale gas wells | 564,287 | 678,960 | 788,365 | 805,084 | 849,512 |
| Total gross withdrawals | 942,728 | 1,056,942 | 1,154,767 | 1,150,054 | 1,179,853 |
| Non-marketed disposition | | | | | |
| Repressuring | 100,206 | 101,583 | 99,730 | 105,253 | 105,379 |
| Vented and flared | 7,235 | 13,326 | 15,276 | 11,885 | 8,118 |
| Nonhydrocarbon gases removed | 7,364 | 7,326 | 7,699 | 7,776 | 9,335 |
| Total non-marketed disposition | 114,805 | 122,235 | 122,705 | 124,915 | 122,831 |
| Dry production | | | | | |
| Marketed production | 827,923 | 934,707 | 1,032,062 | 1,025,139 | 1,057,022 |
| NGPL production, gaseous equivalent | 53,724 | 63,277 | 72,148 | R76,730 | 79,587 |
| Total dry production | 774,199 | 871,430 | 959,913 | R948,409 | 977,435 |
| Supply (million cubic meters) | | | | | |
| Dry production | 774,199 | 871,430 | 959,913 | R948,409 | 977,435 |
| Receipts at U.S. borders | | | | | |
| Imports | 85,891 | 81,803 | 77,637 | R72,241 | 79,513 |
| Intransit receipts | 387 | 372 | 5,876 | R10,881 | 11,345 |
| Withdrawals from storage | | | | | |
| Underground storage | 101,671 | 113,251 | 103,436 | 96,614 | 106,503 |
| LNG storage | 1,214 | 1,429 | 1,353 | 964 | 1,192 |
| Supplemental gas supplies | 1,860 | 1,964 | 1,721 | 1,788 | 1,870 |
| Balancing item | -11,713 | -8,162 | -11,339 | R-9,567 | -10,445 |
| Total supply | 953,510 | 1,062,087 | 1,138,596 | R1,121,331 | 1,167,413 |
| Disposition (million cubic meters) | | | | | |
| Consumption | 768,511 | 853,439 | 881,561 | R864,045 | 868,335 |
| Deliveries at U.S. borders | | | | | |
| Exports | 89,306 | 102,163 | 131,890 | R149,645 | 188,381 |
| Intransit deliveries | 4 | 704 | 6,101 | R4,972 | 5,336 |
| Additions to storage | | | | | |
| Underground storage | 94,483 | 104,090 | 117,586 | 101,652 | 104,147 |
| LNG storage | 1,207 | 1,691 | 1,458 | 1,017 | 1,214 |
| Total disposition | 953,510 | 1,062,087 | 1,138,596 | R1,121,331 | 1,167,413 |
| Consumption (million cubic meters) | | | | | |
| Lease fuel | 32,844 | 35,341 | 37,732 | 36,544 | 38,810 |
| Pipeline and distribution use | 20,446 | 24,821 | 28,829 | R28,824 | 31,986 |
| Plant Fuel | 11,980 | 12,635 | 13,888 | R14,694 | 15,027 |
| Delivered to consumers | | | | | |
| Residential | 124,971 | 141,515 | 142,109 | R132,366 | 133,548 |
| Commercial | 89,612 | 99,504 | 99,521 | R89,763 | 93,395 |
| Industrial | 224,921 | 238,351 | 238,333 | R231,088 | 234,879 |
| Vehicle fuel | 1,365 | 1,428 | 1,505 | R1,392 | 1,543 |
| Electric power | 262,371 | 299,845 | 319,643 | R329,374 | 319,146 |
| Total delivered to consumers | 703,241 | 780,643 | 801,112 | R783,983 | 782,512 |
| Total consumption | 768,511 | 853,439 | 881,561 | R864,045 | 868,335 |
| Delivered for the account of others (million cubic meters) | | | | | |
| Residential | 17,135 | 19,590 | 18,597 | 17,211 | 16,925 |
| Commercial | 41,861 | 45,784 | 45,756 | 42,059 | 43,147 |
| Industrial | 191,663 | 203,728 | 207,428 | R200,705 | 203,313 |

See footnotes at end of table.

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|------------|------------|------------|------------|------------|
| Number of consumers | | | | | |
| Residential | 69,067,541 | 69,737,549 | 70,431,299 | 71,540,702 | 71,936,075 |
| Commercial | 5,499,932 | 5,518,358 | 5,551,599 | 5,627,741 | 5,611,726 |
| Industrial | 184,959 | 185,009 | 183,507 | 184,458 | 182,019 |
| Average annual consumption per Consumer (thousand cubic meters) | | | | | |
| Commercial | 16 | 18 | 18 | 16 | 17 |
| Industrial | 1,216 | 1,288 | 1,299 | 1,253 | 1,290 |
| Average price for natural gas (dollars per thousand cubic meters) | | | | | |
| Imports | 91.82 | 94.95 | 90.16 | 72.98 | 133.41 |
| Exports | 124.97 | 137.53 | 128.72 | 130.78 | 225.26 |
| Citygate | 146.88 | 149.44 | 134.71 | 121.18 | 212.64 |
| Delivered to consumers | | | | | |
| Residential | 385.45 | 370.93 | 370.98 | 380.57 | 430.15 |
| Commercial | 278.27 | 274.94 | 268.72 | 264.44 | 310.41 |
| Industrial | 144.22 | 148.03 | 137.67 | 117.42 | 194.10 |
| Electric power | 123.95 | 129.96 | 105.59 | 87.93 | 182.58 |

^R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-910, *Monthly Natural Gas Marketer Survey*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: The United States equals the 50 states and District of Columbia. Totals may not equal sum of components because of independent rounding. Prices are in nominal dollars. U.S. prices represent the weighted average of the states in each sector.

Table B2. Thermal conversion factors and data, 2017-2021

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|-------------------|-------------------|-------------------|--------------------|-------------------|
| Conversion factor (Btu per cubic foot) | | | | | |
| Production | | | | | |
| Marketed | 1,129 | 1,134 | 1,140 | 1,146 | 1,146 |
| NGPL production | 2,471 | 2,482 | 2,493 | R2,499 | 2,487 |
| Total dry production | 1,036 | 1,036 | 1,038 | 1,037 | 1,037 |
| Supply | | | | | |
| Dry production | 1,036 | 1,036 | 1,038 | 1,037 | 1,037 |
| Receipts at U.S. borders | | | | | |
| Imports | 1,025 | 1,025 | 1,025 | 1,025 | 1,025 |
| Intransit receipts | 1,025 | 1,025 | 1,025 | 1,025 | 1,025 |
| Withdrawals from storage | | | | | |
| Underground storage | 1,036 | 1,036 | 1,038 | 1,037 | 1,037 |
| LNG storage | 1,036 | 1,036 | 1,038 | 1,037 | 1,037 |
| Supplemental gas supplies | 1,036 | 1,036 | 1,038 | 1,037 | 1,037 |
| Balancing item | 1,036 | 1,036 | 1,038 | 1,037 | 1,037 |
| Total supply | NA | NA | NA | NA | NA |
| Disposition | | | | | |
| Consumption | 1,036 | 1,036 | 1,038 | 1,037 | 1,037 |
| (Electric power) | 1,033 | 1,033 | 1,034 | 1,033 | 1,034 |
| (Other sectors) | 1,038 | 1,038 | 1,040 | R1,039 | 1,037 |
| Deliveries at U.S. borders | | | | | |
| Exports | 1,009 | 1,009 | 1,009 | 1,009 | 1,009 |
| Intransit deliveries | 1,009 | 1,009 | 1,009 | 1,009 | 1,009 |
| Additions to storage | | | | | |
| Underground storage | 1,036 | 1,036 | 1,038 | 1,037 | 1,037 |
| LNG storage | 1,036 | 1,036 | 1,038 | 1,037 | 1,037 |
| Total disposition | NA | NA | NA | NA | NA |
| Summary data (billion Btu) | | | | | |
| Production | | | | | |
| Marketed | 33,012,616 | 37,428,144 | 41,538,075 | R41,502,171 | 42,784,133 |
| NGPL production | 4,687,771 | 5,545,996 | 6,350,892 | 6,770,191 | 6,989,177 |
| Total dry production | 28,324,844 | 31,882,148 | 35,187,183 | R34,731,981 | 35,794,956 |
| Supply | | | | | |
| Dry production | 28,324,844 | 31,882,148 | 35,187,183 | R34,731,981 | 35,794,956 |
| Receipts at U.S. borders | | | | | |
| Imports | 3,109,057 | 2,961,068 | 2,810,259 | R2,614,955 | 2,878,160 |
| Intransit receipts | 14,002 | 13,470 | 212,702 | R393,857 | 410,667 |
| Withdrawals from storage | | | | | |
| Underground storage | 3,719,736 | 4,143,403 | 3,791,609 | 3,538,146 | 3,900,280 |
| LNG storage | 44,412 | 52,270 | 49,584 | 35,302 | 43,643 |
| Supplemental gas supplies | 68,061 | 71,839 | 63,075 | 65,482 | 68,487 |
| Balancing item | -480,167 | -364,771 | -518,642 | R-468,007 | -535,566 |
| Total supply | 34,799,944 | 38,759,427 | 41,595,770 | R40,911,715 | 42,560,627 |
| Disposition | | | | | |
| Consumption | 28,116,728 | 31,223,931 | 32,315,058 | R31,642,451 | 31,799,555 |
| (Electric power) | 9,571,318 | 10,938,372 | 11,671,891 | R12,015,570 | 11,653,751 |
| (Other sectors) | 18,545,410 | 20,285,559 | 20,643,167 | R19,626,881 | 20,145,804 |
| Deliveries at U.S. borders | | | | | |
| Exports | 3,182,188 | 3,640,312 | 4,699,576 | R5,332,240 | 6,712,482 |
| Intransit deliveries | 128 | 25,087 | 217,379 | R177,158 | 190,131 |
| Additions to storage | | | | | |
| Underground storage | 3,456,753 | 3,808,246 | 4,310,317 | 3,722,613 | 3,814,017 |
| LNG storage | 44,147 | 61,851 | 53,440 | 37,252 | 44,441 |
| Total disposition | 34,799,944 | 38,759,427 | 41,595,770 | R40,911,715 | 42,560,627 |

^{NA} Not available.

^R Revised data.

^a Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-857, *Monthly Report of Natural Gas Purchases and Deliveries to Consumers*; Form EIA-914, *Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report*; Form EIA-816, *Monthly Natural Gas Liquids Report*; Form EIA-64A, *Annual Report of the Origin of Natural Gas Liquids Production*; Form EIA-191, *Monthly Underground Gas Storage Report*; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*; Form EIA-923, *Power Plant Operations Report*; the Bureau of Safety and Environmental Enforcement (BSEE); Form EIA-886, *Annual Survey of Alternative Fueled Vehicles (2017)*; state and federal agencies; state-sponsored public record databases; Form EIA-23, *Annual Survey of Domestic Oil and Gas Reserves*; PointLogic Energy; Enverus; and EIA estimates based on historical data.

Note: See accompanying text for conversion factor documentation. Items appearing in parentheses are subsets of other items for which data are shown in this table and are not involved in the summing of supply and disposition. Totals may not equal sum of components because of independent rounding.

Glossary

Aquifer storage field: A subsurface facility for storing natural gas consisting of water-bearing sands topped by an impermeable cap rock.

Balancing item: Represents differences between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These 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
- Imbalances resulting from the merger of data-reporting systems that vary in scope, format, definitions, and type of respondents

Biomass gas: A gas with a moderate level of British thermal units containing methane and carbon dioxide, resulting from the feeding of microorganisms on organic materials such as a landfill.

British thermal unit (Btu): The quantity of heat required to raise the temperature of 1 pound of water by 1°F at the temperature at which water has its greatest density (approximately 39°F).

British thermal units per cubic foot: The total heating value, expressed in British thermal units, produced by the combustion, at constant pressure, of the amount of the gas that would occupy the volume of 1 cubic foot at a temperature of 60°F if saturated with water vapor and under a pressure equivalent to that of 30 inches of mercury at 32°F and under standard gravitational force (980.665 cm. per sec. squared) with air of the same temperature and pressure as the gas, when the products of combustion are cooled to the initial temperature of gas and air when the water formed by combustion is condensed to the liquid state. Sometimes called gross heating value or total heating value.

Citygate: A point or measuring station at which a distributing natural gas utility receives natural gas from a natural gas pipeline company or transmission system.

Coalbed methane well gas: Methane is generated during coal formation and is contained in the coal seam microstructure. Methane is the principal component of natural gas. Coal bed methane can be added to natural gas pipelines without any special treatment.

Coke oven gas: The mixture of permanent gases produced by the carbonization of coal in a coke oven at temperatures in excess of 1,000°C.

Commercial consumption: Natural gas used by local, state, and federal nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such hotels, restaurants, and wholesale and retail stores.

Compressed natural gas (CNG): Natural gas, which is comprised primarily of methane, compressed to a pressure at or above 2,400 pounds per square inch and stored in special high-pressure containers. It is used as a fuel for natural gas-powered vehicles.

Consumption: Natural gas used as lease fuel, plant fuel, for use by pipeline and distribution systems, and by end users (including residential, commercial, industrial, electric power, and vehicle fuel).

Customer choice: The right of customers to purchase energy from a supplier other than their traditional supplier or from more than one seller in the retail market.

Delivered: The physical transfer of natural, synthetic, or supplemental gas from facilities operated by the responding company to facilities operated by others or to consumers.

Depleted storage field: A subsurface natural geological reservoir, usually a depleted oil or natural gas field, used for storing natural gas.

Dry natural gas: Natural gas that remains after the liquefiable hydrocarbon portion has been removed from the natural gas stream (in other words, natural gas after lease, field, or plant separation). As the dry natural gas is processed, any volumes of nonhydrocarbon gases are removed where they occur in sufficient quantity to render the natural gas unmarketable. Dry natural gas is also called consumer-grade natural gas. The parameters for measurement are cubic feet at 60°F and 14.73 pounds per square inch absolute.

Dry natural gas production: The process of producing consumer-grade natural gas. Natural gas withdrawn from reservoirs is reduced by volumes used at the production (lease) site and by processing losses. Volumes used at the production site include the volume returned to reservoirs in cycling, repressuring of oil reservoirs, and conservation operations as well as natural gas vented and flared. Processing losses include nonhydrocarbon gases (for example, water vapor, carbon dioxide, helium, hydrogen sulfide, and nitrogen) removed from the natural gas stream as well as natural gas converted to liquid form, such as lease condensate and plant liquids. We do not consider volumes of dry natural gas withdrawn from natural gas storage reservoirs as part of production. Dry natural gas production equals marketed production minus natural gas plant liquids production.

Electric power consumption: Natural gas used as fuel in the electric power sector.

Electric power sector: An energy-consuming sector that consists of electricity-only and combined-heat-and-power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public. These facilities are categorized under code 22 according to the North American Industry Classification System.

Electric utility: A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities to deliver electricity to be used primarily by the public. Included are investor-owned electric utilities, municipal and state utilities, federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included.

Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundled their generation, transmission, and distribution operations, *electric utility* currently has inconsistent interpretations from state to state.

Exports: Natural gas deliveries out of the United States (including Alaska) to foreign countries.

Flared: Natural gas disposed of by burning in flares usually at the production sites or at natural gas processing plants.

Gross withdrawals: Full well stream volume, including all natural gas plant liquid and nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

Heating season: Typically begins in November and runs through the end of March.

Heating value: The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

Imports: Natural gas received in the United States (including Alaska) from a foreign country.

Industrial consumption: Natural gas used for heat, power, or chemical feedstock by consumers in manufacturing, mining or other mineral extraction, agriculture, forestry, and fisheries. Also included in industrial consumption are generators that produce electricity or useful thermal output primarily to support the previously mentioned industrial activities.

Intransit deliveries: Redeliveries to a foreign country of foreign natural gas received for transportation across U.S. territory and deliveries of U.S. natural gas to a foreign country for transportation across its territory and redelivery to the United States.

Intransit receipts: Receipts of foreign natural gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. natural gas transported across foreign territory.

Lease fuel: Natural gas used in well, field, or lease operations (such as natural gas used in drilling operations, heaters, dehydrators, and field compressors) and as fuel in natural gas processing plants.

Liquefied natural gas (LNG): Natural gas (primarily methane) that has been liquefied by reducing its temperature to - 260°F at atmospheric pressure.

Local distribution company (LDC): A legal entity engaged primarily in the retail sale and delivery of natural gas through a distribution system that includes mainlines (that is, pipelines designed to carry large volumes of natural gas, usually located under roads or other major right-of-ways) and laterals (that is, pipelines of smaller diameter that connect the end user to the mainline). In recent years, the sale of natural gas and delivery arrangements is more commonly be handled by other agents, such as producers, brokers, and marketers that are referred to as *non-LDC*.

Manufactured gas: A gas obtained by destructive distillation of coal, by the thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke. Examples are coal gases, coke oven gases, producer gas, blast furnace gas, blue (water) gas, and carbureted water gas. British thermal unit content varies widely.

Marine terminal: Point of import or export for tankers carrying liquefied natural gas (LNG).

Marketed production: Gross withdrawals minus natural gas used for repressuring quantities vented and flared and less nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of natural gas used in field and processing plant operations.

Natural gas: A gaseous mixture of hydrocarbon compounds but mostly methane. EIA measures wet natural gas and its two sources of production (associated, or dissolved, natural gas and nonassociated natural gas) and dry natural gas, which is produced from wet natural gas.

Natural gas condensate well: A natural gas well that produces from a natural gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range, which are generally described as *condensate*.

Natural gas marketer: A company that arranges purchases and sales of natural gas. Unlike pipeline companies or LDCs, a marketer does not own physical assets commonly used in the supply of natural gas, such as pipelines or storage fields. A marketer may be an affiliate of another company, such as an LDC, natural gas pipeline, or producer, but it operates independently of other segments of the company. In states with residential choice programs, marketers serve as alternative suppliers to residential users of natural gas, which is delivered by an LDC.

Natural gas plant liquids (NGPL) production: The extraction of natural gas plant liquid constituents such as ethane, propane, normal butane, isobutane, and natural gasoline, sometimes referred to as extraction loss. Usually reported in barrels or gallons but may be reported in cubic feet to compare with dry natural gas volumes.

Natural gas well: A well completed for the production of natural gas from one or more natural gas zones or reservoirs. Such wells contain no completions for the production of crude oil. EIA identifies natural gas wells using a natural gas/oil ratio (GOR) of 6,000 cf/b. Wells with a GOR greater than 6,000 are labeled natural gas wells while a GOR of 6,000 or less are labeled oil wells.

Nominal dollars: A measure used to express nominal price.

Nominal price: The price paid for a product or service at the time of the transaction. Nominal prices are those that have not been adjusted to remove the effect of changes in the purchasing power of the dollar; they reflect buying power in the year in which the transaction occurred.

Nonhydrocarbon gases: Typical nonhydrocarbon gases that may be present in reservoir natural gas, such as carbon dioxide, helium, hydrogen sulfide, and nitrogen.

Nonutility power producers: A corporation, person, agency, authority, or other legal entity or instrumentality that owns or operates facilities for electric generation and is not an electric utility. Nonutility power producers include qualifying cogenerators, qualifying small power producers, and other nonutility generators (including independent power producers). Nonutility power producers are without a designated franchised service area and do not file forms listed in the Code of Federal Regulations, Title 18, Part 141.

Offshore reserves and production: Unless otherwise indicated, reserves and production that are in either state or federal domains, located in the sea.

Oil well (casinghead) gas: Natural gas produced along with crude oil from oil wells. It contains either dissolved or associated natural gas or both. EIA identifies oil wells by using a natural gas/oil ratio (GOR) of 6,000 cf/b. Wells with a GOR of 6,000 or less are labeled oil wells, and wells with a GOR greater than 6,000 are labeled natural gas wells.

Onsystem sales: Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, or distribution system operated by the reporting company.

Outer Continental Shelf: Offshore federal domain.

Pipeline: A continuous pipe conduit—complete with such equipment as valves, compressor stations, communications systems, and meters—for transporting natural gas or supplemental gas from one point to another, usually from a point in or beyond the producing field or processing plant to another pipeline or to points of utilization. Also refers to a company operating such facilities.

Pipeline fuel: Natural gas consumed in the operation of pipelines, primarily in compressors.

Plant fuel: Natural gas used as fuel in natural gas processing plants.

Propane-air: A mixture of propane and air resulting in a gaseous fuel suitable for pipeline distribution.

Receipts: Deliveries of fuel to an electric plant, purchases of fuel, and all revenues received by an exporter for the reported quantity exported.

Refill season: Typically begins in April and lasts through the end of October.

Refinery gas: Noncondensate gas collected in petroleum refineries.

Repressuring: The injection of natural gas into oil or natural gas formations to enhance ultimate recovery.

Residential consumption: Natural gas used in private dwellings, including apartments, for heating, air-conditioning, cooking, water heating, and other household uses.

Salt cavern storage field: A subsurface storage facility that is a cavern hollowed out in either a salt bed or dome formation.

Shale gas: Natural gas produced from wells that are open to shale or similar fine-grained low-permeability rock formations. Shale gas is created from organic matter present within the shale reservoir. The shale formation acts as both the source and the reservoir for the natural gas.

Storage additions (or injections): Volumes of natural gas injected or otherwise added to underground natural gas reservoirs or liquefied natural gas storage.

Storage withdrawals: Total volume of natural gas withdrawn from underground storage or from liquefied natural gas storage over a specified amount of time.

Supplemental gaseous fuel supply: Synthetic natural gas, propane-air, coke oven gas, refinery gas, biomass gas, or air injected for British thermal unit stabilization. It also refers to manufactured gas commingled and distributed with natural gas.

Synthetic natural gas (SNG): A substitute for natural gas. A manufactured product, chemically similar in most respects to natural gas, resulting from the conversion or reforming of hydrocarbons that may easily be substituted for or interchanged with pipeline-quality natural gas.

Total storage field capacity: The maximum volume of base and working gas that can be stored in an underground storage facility in accordance with its design, which comprises the physical characteristics of the reservoir, installed equipment, and operating procedures particular to the site.

Transmission (of natural gas): Natural gas is physically transferred and delivered from a source or sources of supply to one or more delivery points.

Transported gas: Natural gas physically delivered to a building by a local utility, but not purchased from that utility. A separate transaction is made to purchase the volume of natural gas, and the utility is paid for the use of its pipeline to deliver the natural gas.

Unaccounted 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, as reported by survey respondents. These differences may be due to quantities lost or to the effects of differences in company accounting systems in terms of scope and definition. A positive *unaccounted for* volume means that supply exceeds disposition by that amount. A negative *unaccounted for* volume means that supply is less than disposition. See also Balancing Item.

Underground natural gas storage: The use of subsurface facilities for storing natural gas that has been transferred from its original location. The facilities are usually hollowed-out salt domes, natural geological reservoirs (depleted oil or natural gas fields) or water-bearing sands topped by an impermeable cap rock (aquifer).

Unit value, consumption: Total price per specified unit, including all taxes, at the point of consumption.

Vehicle fuel consumption: Natural gas (compressed or liquefied) used as vehicle fuel.

Vented natural gas: Natural gas released into the air on the production site or at processing plants.

Wet natural gas: A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in porous rock formations at reservoir conditions. The principal hydrocarbons normally contained in the mixture are methane, ethane, propane, butane, and pentane. Typical nonhydrocarbon gases that may be present in reservoir natural gas are water vapor, carbon dioxide, hydrogen sulfide, nitrogen, and trace amounts of helium. Under reservoir conditions, natural gas and its associated liquefiable portions occur either in a single gaseous phase in the reservoir or in solution with crude oil and are not distinguishable at the time as separate substances.

Working natural gas capacity: The developed maximum capacity of natural gas in the reservoir that is in addition to the base gas.