

Natural Gas Annual

2022



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Contacts

The Office of Energy Production, Conversion, and Delivery prepared the *2022 Natural Gas Annual* (NGA).

You can send general questions and comments on the contents of the NGA to our customer inquiry team at eiainfonaturalgas@eia.gov.

Subject matter experts for the NGA include:

Topic	Name
Consumption and consumer prices	Michael Kopalek
Imports and exports	Jose Villar
Natural gas production	Jeffrey Little
Quality	Michael Kopalek
Supplemental gaseous fuels	Michael Kopalek
Underground storage	Emmanuel Eboweme

Bridgette Brown, Taylor Colson, Brett Donaghue, Candy Meza, Carla Piedra, and Vicki Spangler also contributed to this report.

Preface

The *Natural Gas Annual 2022* (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 2022 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 2018 to 2022 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.

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
- 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 two years' 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.

Appendix A discusses data sources and methodology in more detail.

Unless otherwise stated, volumes are reported in million cubic feet at 60°F and 14.73 pounds per square inch absolute. For metric equivalents, 1 cubic foot of natural gas equals approximately 0.0283 cubic meters of natural gas. Appendix Table B1 shows U.S. summary statistics in million cubic meters.

Complete historical data are available through our [data browser](#).

Contents

Overview	1
Natural Gas Supplies	6
Natural Gas Imports and Exports	15
Natural Gas Movements and Storage	28
Natural Gas Consumption	40
Natural Gas Consumer Prices	52
State Summaries	63
Appendixes	
A. Summary of Data Collection Operations and Report Methodology.....	170
B. Metric and Thermal Conversion Tables	180
Glossary	184

Tables

1. Summary statistics for natural gas in the United States, 2018-2022.....	1
2. Natural gas production, transmission, and consumption by state, 2022	4
3. Gross withdrawals and marketed production of natural gas by state and the Gulf of Mexico, 2018-2022...6	6
4. Offshore gross withdrawals of natural gas by state and the Gulf of Mexico, 2018-2022	9
5. Natural gas processed, liquid fuels extracted, and natural gas plant liquids production by state, 202211	11
6. Supplemental gas supplies by state, 2022	14
7. Summary of U.S. natural gas imports, 2018-2022	17
8. Summary of U.S. natural gas imports by point of entry, 2018-2022	18
9. Summary of U.S. natural gas exports, 2018-2022.....	22
10. Summary of U.S. natural gas exports by point of exit, 2018-2022	23
11. Interstate movements and movements across U.S. borders of natural gas by state, 2022.....	29
12. Additions to and withdrawals from gas storage by state, 2022	37
13. Underground natural gas storage capacity by state, December 31, 2022	38
14. Consumption of natural gas by state, 2018-2022	41
15. Natural gas delivered to consumers by sector, 2018-2022, and by state, 2022.....	42
16. Natural gas delivered to residential consumers on behalf of other companies by state, 2018-2022.....	45
17. Natural gas delivered to commercial consumers on behalf of other companies by state, 2018-2022.....	46
18. Natural gas delivered to industrial consumers on behalf of other companies by state, 2018-2022.....	48
19. Number of natural gas residential consumers by type of service and state, 2021-2022	49
20. Number of natural gas commercial consumers by type of service and state, 2021-2022	50
21. Number of natural gas industrial consumers by type of service and state, 2021-2022	51
22. Average citygate price of natural gas in the United States, 2018-2022.....	55
23. Average price of natural gas delivered to consumers by state and sector, 2022.....	56
24. Average price of natural gas delivered to residential and commercial sector consumers by local distribution and marketers in selected states, 2021-2022	61
25. Number of consumers eligible and participating in a customer choice program in the residential sector, 2022.....	62
26. Percent distribution of natural gas supply and disposition by state, 2022.....	63
27. Percent distribution of natural gas delivered to consumers by state, 2022	64
S1. Summary statistics for natural gas - Alabama, 2018-2022	66
S2. Summary statistics for natural gas - Alaska, 2018-2022	68
S3. Summary statistics for natural gas - Arizona, 2018-2022	70
S4. Summary statistics for natural gas - Arkansas, 2018-2022	72
S5. Summary statistics for natural gas - California, 2018-2022	74
S6. Summary statistics for natural gas - Colorado, 2018-2022.....	76
S7. Summary statistics for natural gas - Connecticut, 2018-2022	78
S8. Summary statistics for natural gas - Delaware, 2018-2022	80
S9. Summary statistics for natural gas - District of Columbia, 2018-2022.....	82
S10. Summary statistics for natural gas - Florida, 2018-2022	84
S11. Summary statistics for natural gas - Georgia, 2018-2022	86
S12. Summary statistics for natural gas - Gulf of Mexico, 2018-2022	88
S13. Summary statistics for natural gas - Hawaii, 2018-2022.....	90
S14. Summary statistics for natural gas - Idaho, 2018-2022	92
S15. Summary statistics for natural gas - Illinois, 2018-2022	94
S16. Summary statistics for natural gas - Indiana, 2018-2022.....	96
S17. Summary statistics for natural gas - Iowa, 2018-2022.....	98

S18. Summary statistics for natural gas - Kansas, 2018-2022.....	100
S19. Summary statistics for natural gas - Kentucky, 2018-2022.....	102
S20. Summary statistics for natural gas - Louisiana, 2018-2022.....	104
S21. Summary statistics for natural gas - Maine, 2018-2022.....	106
S22. Summary statistics for natural gas - Maryland, 2018-2022.....	108
S23. Summary statistics for natural gas - Massachusetts, 2018-2022.....	110
S24. Summary statistics for natural gas - Michigan, 2018-2022.....	112
S25. Summary statistics for natural gas - Minnesota, 2018-2022.....	114
S26. Summary statistics for natural gas - Mississippi, 2018-2022.....	116
S27. Summary statistics for natural gas - Missouri, 2018-2022.....	118
S28. Summary statistics for natural gas - Montana, 2018-2022.....	120
S29. Summary statistics for natural gas - Nebraska, 2018-2022.....	122
S30. Summary statistics for natural gas - Nevada, 2018-2022.....	124
S31. Summary statistics for natural gas - New Hampshire, 2018-2022.....	126
S32. Summary statistics for natural gas - New Jersey, 2018-2022.....	128
S33. Summary statistics for natural gas - New Mexico, 2018-2022.....	130
S34. Summary statistics for natural gas - New York, 2018-2022.....	132
S35. Summary statistics for natural gas - North Carolina, 2018-2022.....	134
S36. Summary statistics for natural gas - North Dakota, 2018-2022.....	136
S37. Summary statistics for natural gas - Ohio, 2018-2022.....	138
S38. Summary statistics for natural gas - Oklahoma, 2018-2022.....	140
S39. Summary statistics for natural gas - Oregon, 2018-2022.....	142
S40. Summary statistics for natural gas - Pennsylvania, 2018-2022.....	144
S41. Summary statistics for natural gas - Rhode Island, 2018-2022.....	146
S42. Summary statistics for natural gas - South Carolina, 2018-2022.....	148
S43. Summary statistics for natural gas - South Dakota, 2018-2022.....	150
S44. Summary statistics for natural gas - Tennessee, 2018-2022.....	152
S45. Summary statistics for natural gas - Texas, 2018-2022.....	154
S46. Summary statistics for natural gas - Utah, 2018-2022.....	156
S47. Summary statistics for natural gas - Vermont, 2018-2022.....	158
S48. Summary statistics for natural gas - Virginia, 2018-2022.....	160
S49. Summary statistics for natural gas - Washington, 2018-2022.....	162
S50. Summary statistics for natural gas - West Virginia, 2018-2022.....	164
S51. Summary statistics for natural gas - Wisconsin, 2018-2022.....	166
S52. Summary statistics for natural gas - Wyoming, 2018-2022.....	168
A1. Natural gas losses and unaccounted for by state, 2022.....	179
B1. Summary statistics for natural gas in the United States, metric equivalents, 2018-2022.....	181
B2. Thermal conversion factors and data, 2018-2022.....	183

Figures

1. Natural gas flow in the United States, 2022	3
2. Natural gas supply and disposition in the United States, 2022	5
3. Marketed production of natural gas in the United States and the Gulf of Mexico, 2022	7
4. Marketed production of natural gas in selected states and the Gulf of Mexico, 2022-2022	8
5. Gross withdrawals of natural gas in the United States, by type of well, 2018-2022	10
6. Natural gas processing by point of origin in the United States and the Gulf of Mexico, 2022	13
7. U.S. natural gas trade summary, 2018-2022	15
8. Flow of natural gas imports, 2022	16
9. Flow of natural gas exports by pipeline, 2022	20
10. Flow of liquefied natural gas (LNG) exports, 2022	21
11. Natural gas flow capacity summary, by region, 2022	28
12. Net interstate movements, imports, and exports of natural gas in the United States, 2022	36
13. Locations of existing natural gas underground storage fields in the United States, 2022	39
14. Natural gas delivered to consumers in the United States, 2018-2022	40
15. Natural gas delivered to consumers in the United States, 2022	44
16. Percent of natural gas deliveries in the United States representing deliveries on behalf of other companies, by consumer sector, 2018-2022	47
17. Average price of natural gas delivered to consumers in the United States, 2018-2022	52
18. Average price of natural gas delivered to residential consumers, 1980-2022	53
19. Average citygate price of natural gas in the United States, 2022	54
20. Average price of natural gas delivered to U.S. residential consumers, 2022	57
21. Average price of natural gas delivered to U.S. commercial consumers, 2022	58
22. Average price of natural gas delivered to U.S. industrial consumers, 2022	59
23. Average price of natural gas delivered to U.S. electric power consumers, 2022	60
24. Top five states with participants in a residential customer choice program, 2022	62

Overview

Table 1. Summary statistics for natural gas in the United States, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	7,864,063	7,433,288	R6,643,356	R6,144,863	5,979,447
Oil wells	4,503,499	4,603,548	R4,362,940	R4,408,663	4,576,217
Coalbed wells	980,730	902,544	R823,593	R762,875	734,314
Shale gas wells	23,977,248	27,840,830	R28,900,038	R30,360,342	32,512,291
Total gross withdrawals	37,325,539	40,780,210	R40,729,927	R41,676,743	43,802,269
Non-marketed disposition					
Repressuring	3,587,368	3,521,924	R3,580,429	R3,721,344	3,782,438
Vented and flared	470,601	539,480	R339,272	R287,775	270,883
Nonhydrocarbon gases removed	258,703	271,889	R289,399	R329,764	320,599
Total non-marketed disposition	4,316,672	4,333,293	R4,209,101	R4,338,883	4,373,920
Dry production					
Marketed production	33,008,867	36,446,918	R36,520,826	R37,337,860	39,428,350
NGPL production, gaseous equivalent	2,234,593	2,547,897	2,709,697	R2,808,584	3,075,327
Total dry production	30,774,274	33,899,021	R33,811,129	R34,529,276	36,353,023
Supply (million cubic feet)					
Dry production	30,774,274	33,899,021	R33,811,129	R34,529,276	36,353,023
Receipts at U.S. borders					
Imports	2,888,847	2,741,717	2,551,175	2,807,961	3,024,160
Intransit receipts	13,141	207,514	R384,210	R372,538	242,927
Withdrawals from storage					
Underground storage	3,999,424	3,652,802	3,411,906	3,761,119	4,174,634
LNG storage	50,454	47,769	R34,286	R42,408	60,734
Supplemental gas supplies	69,343	60,766	63,146	66,044	73,109
Balancing item	-288,232	-400,445	R-565,745	R-372,435	-629,333
Total supply	37,507,249	40,209,143	R39,690,106	R41,206,910	43,299,254
Disposition (million cubic feet)					
Consumption	30,138,930	31,132,041	R30,602,565	R30,645,707	32,288,230
Deliveries at U.S. borders					
Exports	3,607,841	4,657,657	5,284,678	6,652,609	6,903,902
Intransit deliveries	24,863	215,440	R177,068	R188,096	152,285
Additions to storage					
Underground storage	3,675,913	4,152,521	3,589,791	3,677,933	3,897,816
LNG storage	59,702	51,483	R36,003	R42,565	57,020
Total disposition	37,507,249	40,209,143	R39,690,106	R41,206,910	43,299,254
Consumption (million cubic feet)					
Lease fuel	1,248,046	1,332,506	R1,332,331	R1,370,084	1,395,613
Pipeline and distribution use	876,535	1,018,095	R1,020,360	R1,131,472	1,212,338
Plant fuel	446,192	490,434	518,913	R480,658	487,189
Delivered to consumers					
Residential	4,997,554	5,018,519	R4,674,456	R4,716,658	4,964,165
Commercial	3,513,954	3,514,566	R3,162,664	R3,289,076	3,509,075
Industrial	8,417,300	8,416,660	R8,212,977	R8,374,672	8,536,882
Vehicle fuel	50,413	53,166	49,141	R54,500	64,994
Electric power	10,588,937	11,288,096	11,631,723	R11,228,587	12,117,975
Total delivered to consumers	27,568,157	28,291,006	R27,730,961	R27,663,493	29,193,090
Total consumption	30,138,930	31,132,041	R30,602,565	R30,645,707	32,288,230
Delivered for other companies (million cubic feet)					
Residential	691,808	656,745	607,816	597,685	612,387
Commercial	1,616,830	1,615,853	R1,478,290	R1,516,058	1,585,024
Industrial	7,194,582	7,325,264	R7,140,003	R7,257,024	7,391,238

See footnotes at end of table.

	2018	2019	2020	2021	2022
Number of consumers					
Residential	69,737,549	70,431,299	R71,540,659	R71,951,957	72,518,520
Commercial	5,518,358	5,551,599	R5,627,762	R5,613,615	5,619,484
Industrial	185,009	183,507	R184,466	R182,207	181,947
Average annual consumption per consumer (thousand cubic feet)					
Commercial	637	633	R562	R586	624
Industrial	45,497	45,866	R44,523	R45,962	46,920
Average price for natural gas (dollars per thousand cubic feet)					
Imports	2.69	2.55	2.07	3.78	6.33
Exports	3.89	3.64	3.70	6.38	9.64
NGPL composite spot price	8.20	5.49	4.47	9.02	10.71
Natural gas spot price	3.15	2.56	2.03	3.89	6.45
Citygate	4.23	3.81	3.43	6.02	6.89
Delivered to consumers					
Residential	10.50	10.51	10.78	12.18	14.75
Commercial	7.79	7.61	R7.48	8.79	11.32
Industrial	4.19	3.90	3.32	R5.44	7.66
Electric power	3.68	2.99	2.49	R5.43	7.51

^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).

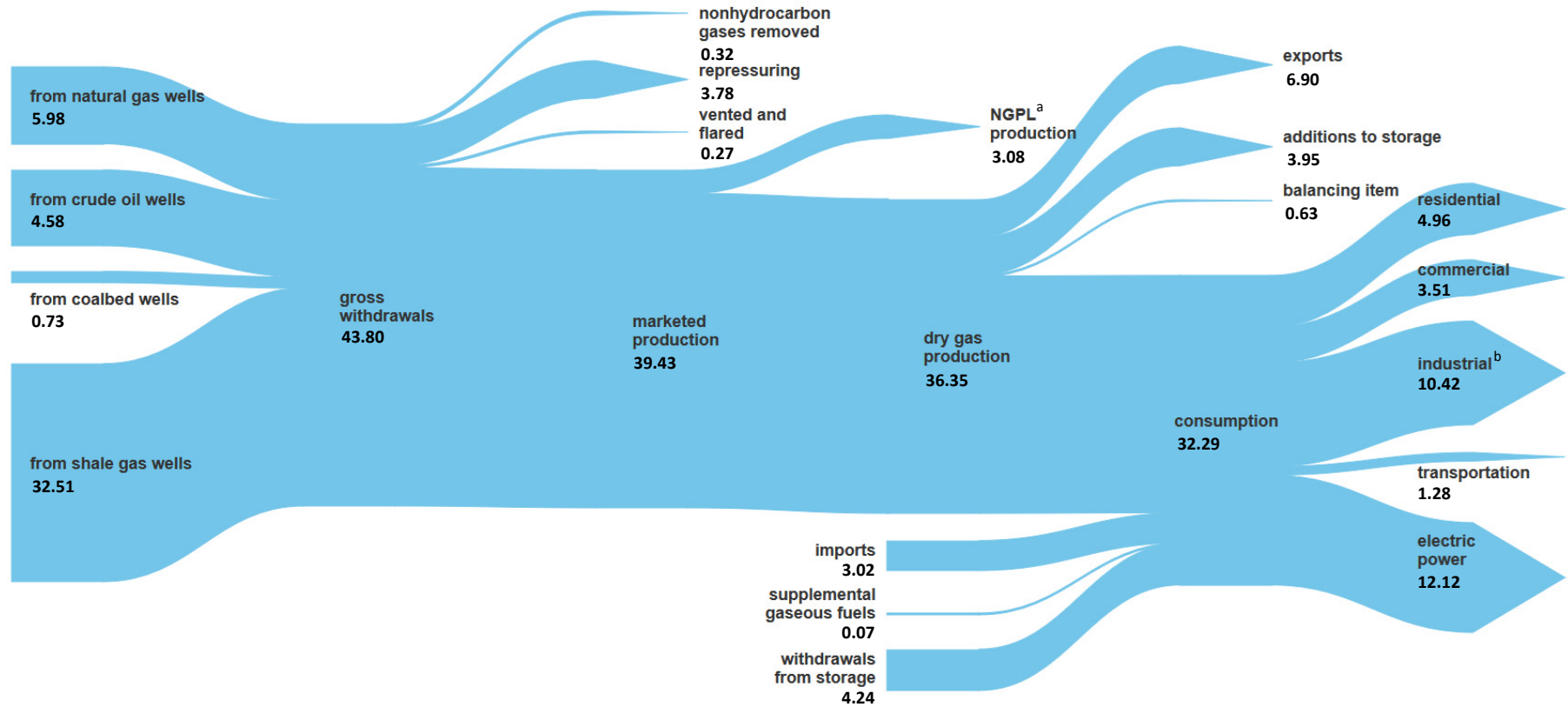
^b The natural gas plant liquid (NGPL) composite spot price, shown in dollars per million British thermal units (\$/MMBtu), is derived from daily Bloomberg spot price data for NGPLs at Mont Belvieu, Texas, weighted by natural gas processing plant production volumes of each product as reported on Form 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-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, 2022
trillion cubic feet



^a NGPL refers to natural gas plant liquids.

^b Industrial 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 -0.63 trillion cubic feet because U.S. total supply is greater than disposition for 2022. *Transportation* includes vehicle fuel and pipeline and distribution use.

Table 2. Natural gas production, transmission, and consumption, by state, 2022

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	95,790	1,977	-55,381	721,713	0	-6,693	0	766,838
Alaska	373,141	22,130	97,661	0	35	3,982	0	444,725
Arizona	198	0	-26,721	547,621	-66,601	0	0	454,497
Arkansas	416,196	181	-6,544	-22,397	0	-776	0	387,849
California	136,220	6,915	80,899	1,943,321	-145,697	-48,439	0	2,056,267
Colorado	1,833,019	204,738	-94,413	-1,036,739	-122	-1,105	5,401	503,514
Connecticut	0	0	28,740	267,667	0	-847	0	297,253
Delaware	0	0	23,171	62,627	0	-13	0	85,811
District of Columbia	0	0	0	29,182	0	0	0	29,182
Florida	849	142	-10,464	1,634,580	-2,105	0	0	1,622,717
Georgia	0	0	-14,169	907,239	-108,437	519	352	784,466
Gulf of Mexico	770,406	73,631	73,557	-688,615	0	0	0	81,718
Hawaii	0	0	173	0	0	0	2,820	2,993
Idaho	2,580	52	31,554	-790,878	897,491	840	0	139,855
Illinois	2,003	29	224,895	918,488	0	-10,795	1,398	1,157,550
Indiana	3,836	0	83,071	782,356	0	-4,263	34	873,561
Iowa	0	0	-91,323	517,816	0	-4,588	251	431,332
Kansas	147,846	13,801	-88,058	246,483	0	-14,368	713	307,551
Kentucky	85,513	5,127	-20,855	325,440	0	-909	122	386,001
Louisiana	4,064,791	26,565	-52,618	398,224	-2,453,265	-29,121	0	1,959,688
Maine	0	0	62,771	72,000	-75,776	1	0	58,994
Maryland	5	0	8,743	536,821	-245,914	-1,004	402	301,062
Massachusetts	0	0	9,146	390,471	23,869	-8	18	423,512
Michigan	69,542	851	-269,040	1,824,382	-637,509	-35,531	542	1,022,598
Minnesota	0	0	-41,521	-79,172	644,055	-219	22	523,604
Mississippi	28,493	1	-104,629	651,677	0	-26,496	0	602,036
Missouri	*	0	13,844	292,078	0	-665	3	306,590
Montana	38,709	1,214	-5,644	-239,405	298,057	1,731	0	88,771
Nebraska	295	0	133,690	50,647	0	-1,829	299	186,760
Nevada	4	0	9,794	280,857	0	-74	0	290,730
New Hampshire	0	0	-5,254	-60,968	124,358	*	0	58,135
New Jersey	0	0	-430,651	1,159,128	-1	1,135	0	727,341
New Mexico	2,687,231	233,173	-810,929	-1,354,373	0	-2,615	0	291,371
New York	9,734	0	560,649	830,154	-50,459	-5,412	1,138	1,356,629
North Carolina	0	0	-50,565	769,574	0	-998	0	720,007
North Dakota	1,007,621	213,927	-46,611	-1,094,995	485,412	0	50,601	188,102
Ohio	2,244,971	47,893	-189,350	-691,351	0	-6,984	2,201	1,325,562
Oklahoma	2,764,019	256,559	-140,562	-1,613,850	0	-6,980	543	760,571
Oregon	13	0	14,482	263,553	0	-1,215	0	279,264
Pennsylvania	7,511,179	98,061	95,662	-5,662,922	0	-15,655	1,280	1,862,795
Rhode Island	0	0	12,836	85,581	0	*	0	98,416
South Carolina	0	0	46,484	303,803	0	-551	*	350,839
South Dakota	165	0	2,856	90,629	0	0	0	93,650
Tennessee	3,016	16	-11,257	435,791	0	803	7	426,738
Texas	10,828,515	1,581,347	573,490	-2,033,910	-2,933,203	-17,345	4,844	4,875,735
Utah	260,192	10,473	-35,849	51,556	0	-8,512	0	273,938
Vermont	0	0	-1,265	0	14,744	0	1	13,481
Virginia	89,009	72	28,394	528,256	0	-887	117	646,591
Washington	0	0	-110,710	20,601	441,967	-2,968	0	354,826
West Virginia	2,920,613	225,932	-90,512	-2,369,178	0	-28,196	0	263,187
Wisconsin	0	0	-61,094	640,647	0	-72	0	579,624
Wyoming	1,032,634	50,520	20,092	-842,211	0	-3,410	0	163,405
Total	39,428,350	3,075,327	-629,333	0	-3,789,101	-280,533	73,109	32,288,230

^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.

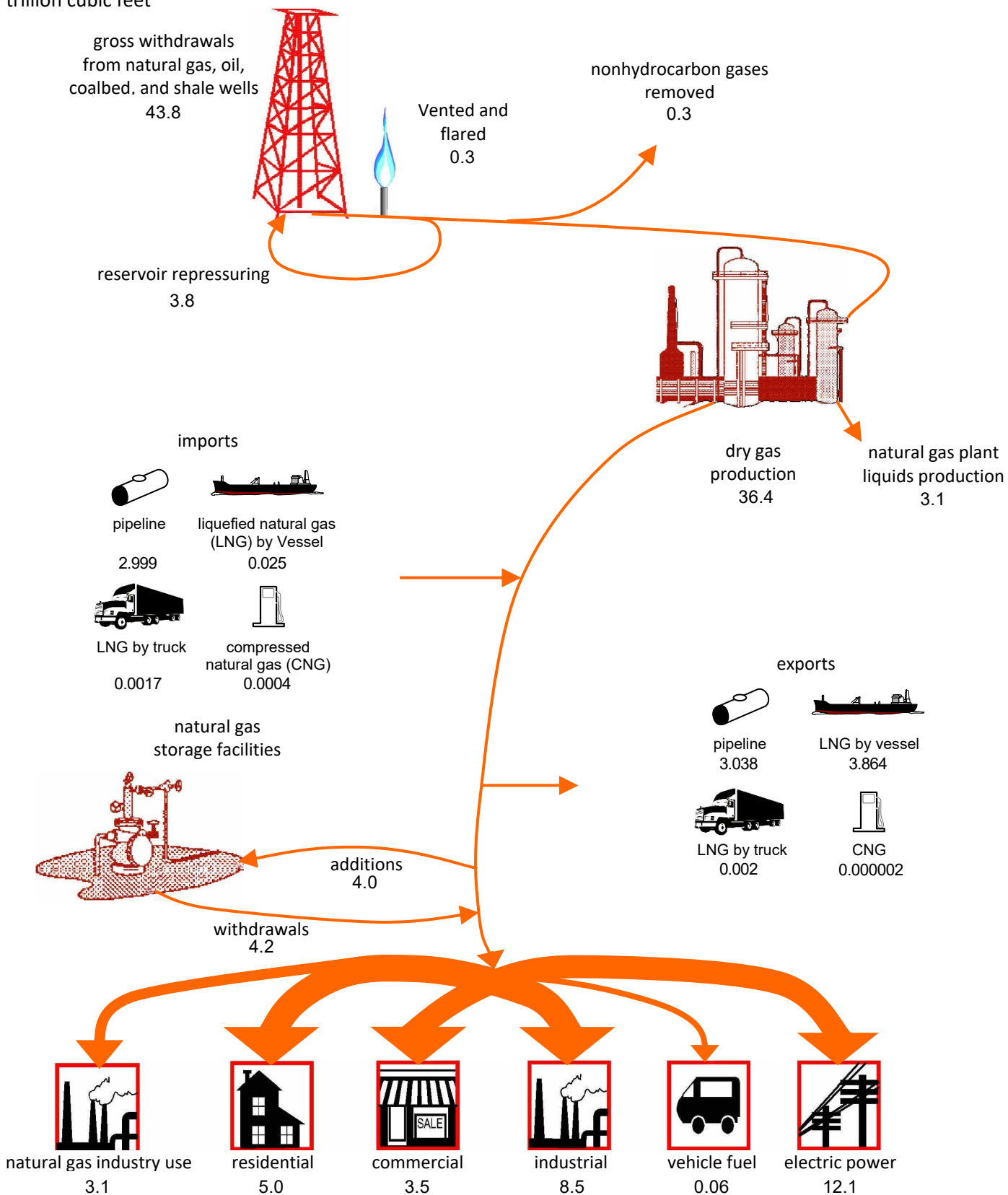
^e Estimated data.

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, 2022

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, 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, 2018-2022
million cubic feet

Year and state/region	Gross withdrawals					Nonhydrocarbon					
	From natural gas wells	From oil wells	From coalbed wells	From shale gas wells	Total	Repressuring	Vented and flared	Removed	Marketed production	NGPL production	Dry production
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	R6,643,356	R4,362,940	R823,593	R28,900,038	R40,729,927	R3,580,429	R339,272	R289,399	R36,520,826	2,709,697	R33,811,129
2021 total	R6,144,863	R4,408,663	R762,875	R30,360,342	R41,676,743	R3,721,344	R287,775	R329,764	R37,337,860	R2,808,584	R34,529,276
2022 total	5,979,447	4,576,217	734,314	32,512,291	43,802,269	3,782,438	270,883	320,599	39,428,350	3,075,327	36,353,023
Alabama	53,835	2,861	39,094	0	95,790	NA	NA	NA	95,790	1,977	93,813
Onshore	12,599	2,861	39,094	0	54,554	NA	NA	NA	54,554	1,277	53,277
State offshore	41,236	0	0	0	41,236	NA	NA	NA	41,236	700	40,536
Alaska	75,541	3,511,340	0	0	3,586,882	3,206,628	7,113	0	373,141	22,130	351,011
Onshore	53,191	3,137,560	0	0	3,190,751	2,852,481	6,324	0	331,946	22,130	309,816
State offshore	22,350	373,781	0	0	396,131	354,147	789	0	41,195	0	41,195
Arizona	198	0	0	0	198	NA	NA	NA	198	0	198
Arkansas	65,585	1,687	809	348,114	416,196	NA	NA	NA	416,196	181	416,015
California	24,665	31,972	1	81,117	137,754	0	1,534	0	136,220	6,915	129,305
Onshore	23,826	26,464	1	81,117	131,408	0	1,490	0	129,918	6,861	123,057
State offshore	35	3,907	0	0	3,942	0	45	0	3,898	23	3,875
Federal offshore	804	1,600	0	0	2,404	0	0	0	2,404	31	2,373
Colorado	515,347	5,653	257,213	1,056,265	1,834,478	NA	€1,459	NA	1,833,019	204,738	1,628,281
Florida	11	8,421	0	0	8,433	€7,584	NA	NA	849	142	707
Gulf of Mexico	204,687	579,880	0	0	784,567	2,855	11,305	0	770,406	73,631	696,775
Idaho	2,580	0	0	0	2,580	0	0	0	2,580	52	2,528
Illinois	2,003	0	0	0	2,003	NA	NA	NA	€2,003	29	1,974
Indiana	3,836	0	0	0	3,836	NA	NA	NA	3,836	0	3,836
Kansas	136,401	0	11,400	44	147,846	NA	NA	NA	147,846	13,801	134,045
Kentucky	84,000	1,513	0	0	85,513	NA	NA	NA	85,513	5,127	80,386
Louisiana	456,242	24,189	41	3,589,614	4,070,087	1,481	3,815	0	4,064,791	26,565	4,038,226
Onshore	446,756	20,584	41	3,589,614	4,056,996	1,476	3,803	0	4,051,717	19,221	4,032,496
State offshore	9,486	3,605	0	0	13,091	5	12	0	13,074	7,344	5,730
Maryland	5	0	0	0	5	NA	NA	NA	5	0	5
Michigan	5,457	1,944	0	62,141	69,542	NA	NA	NA	69,542	851	68,691
Mississippi	24,616	3,877	0	0	28,493	NA	NA	NA	28,493	1	28,492
Missouri	*	0	0	0	*	NA	NA	NA	*	0	*
Montana	21,478	2,615	6	17,597	41,697	3	2,985	0	38,709	1,214	37,495
Nebraska	1	6	0	288	295	NA	NA	NA	295	0	295
Nevada	4	*	0	0	4	0	0	0	4	0	4
New Mexico	388,770	52,675	190,296	2,078,686	2,710,427	4,273	18,923	NA	2,687,231	233,173	2,454,058
New York	9,347	375	0	13	9,734	NA	NA	NA	9,734	0	9,734
North Dakota	6,287	7,926	0	1,057,494	1,071,706	NA	64,085	NA	1,007,621	213,927	793,694
Ohio	59,266	4,926	9	2,180,770	2,244,971	NA	NA	NA	2,244,971	47,893	2,197,078
Oklahoma	533,960	61,866	49,925	2,118,268	2,764,019	NA	NA	NA	2,764,019	256,559	2,507,460
Oregon	13	0	0	0	13	NA	NA	NA	13	0	13
Pennsylvania	168,626	1,724	3,108	7,337,720	7,511,179	NA	NA	NA	7,511,179	98,061	7,413,118
South Dakota	165	0	0	0	165	NA	NA	NA	165	0	165
Tennessee	€3,016	0	0	0	3,016	NA	NA	NA	3,016	16	3,000
Texas	1,719,330	200,965	5,436	9,676,793	11,602,524	€463,451	€99,698	€210,859	10,828,515	1,581,347	9,247,168
Onshore	1,717,350	200,859	5,436	9,676,793	11,600,439	€463,368	€99,681	€210,822	10,826,569	1,581,347	9,245,222
State offshore	1,980	106	0	0	2,086	€83	€18	€38	1,947	0	1,947
Utah	177,201	29,615	27,676	26,705	261,196	NA	1,004	NA	260,192	10,473	249,719
Virginia	14,623	6	74,105	275	89,009	NA	NA	NA	89,009	72	88,937
West Virginia	147,636	722	NA	2,766,693	2,920,613	NA	NA	NA	2,920,613	225,932	2,694,681
Wyoming	1,074,715	39,459	69,631	113,693	1,297,497	96,163	58,961	109,739	1,032,634	50,520	982,114

* Volume is less than 500,000 cubic feet.

€ Estimated data.

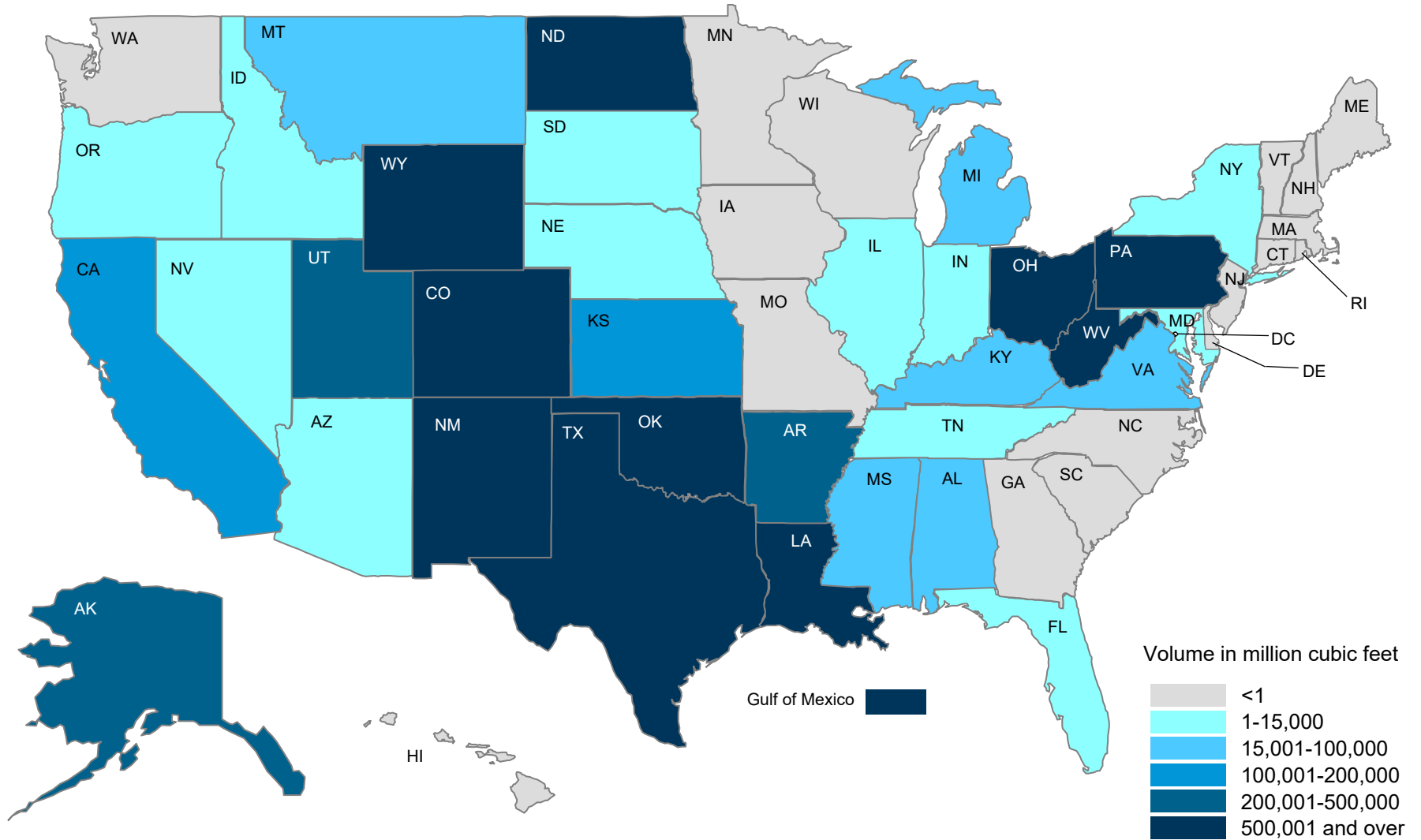
NA Not available.

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.

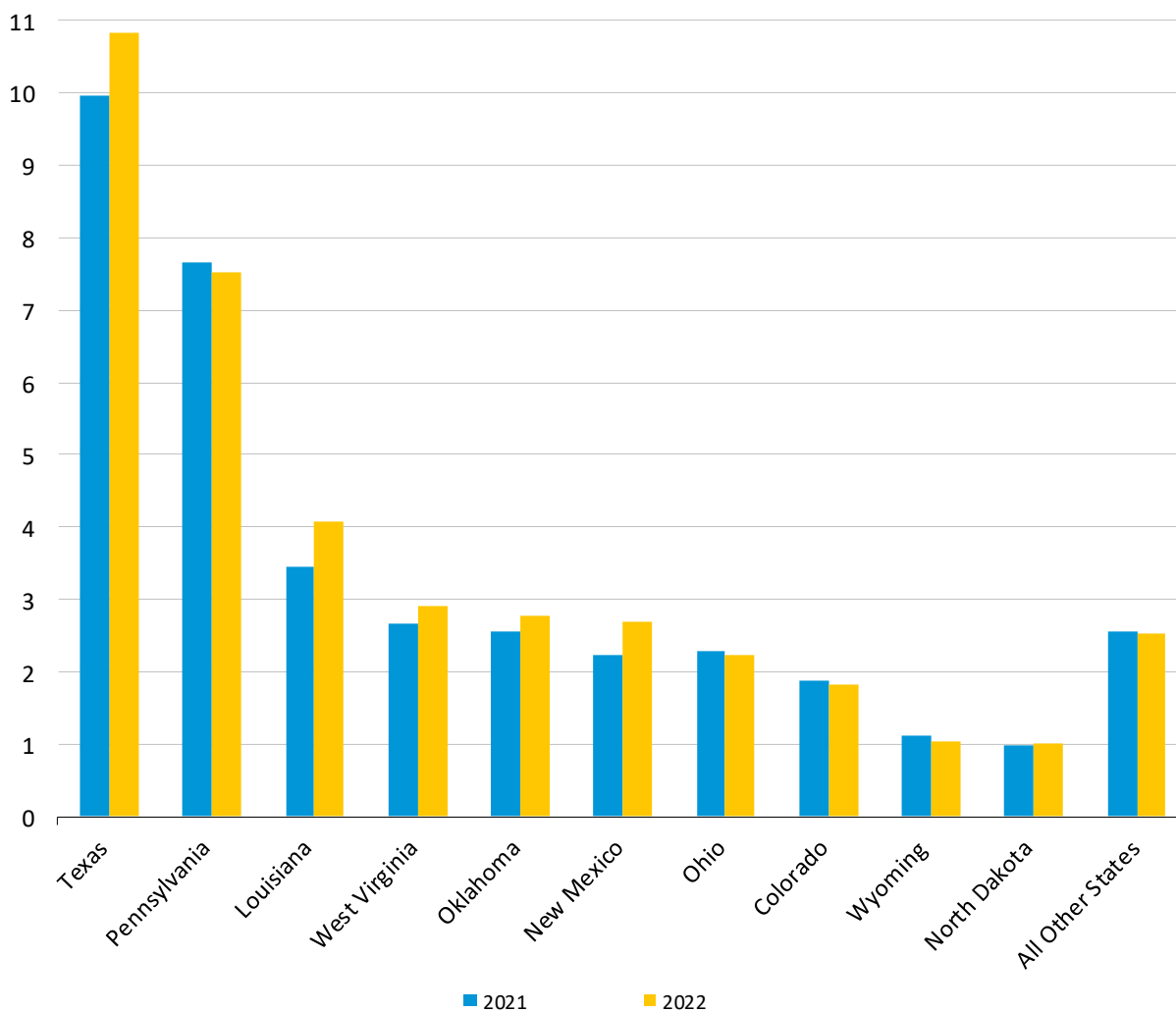
Note: Totals may not equal sum of components because of independent rounding and/or withheld data. Appendix A contains EIA methodology for federal offshore production. We assume some states or areas whose data are labeled NA (not available) to have negligible quantities of natural gas (less than 500,000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

Figure 3. Marketed production of natural gas in the United States and the Gulf of Mexico, 2022
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, 2021-2022
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, 2018-2022
(million cubic feet)

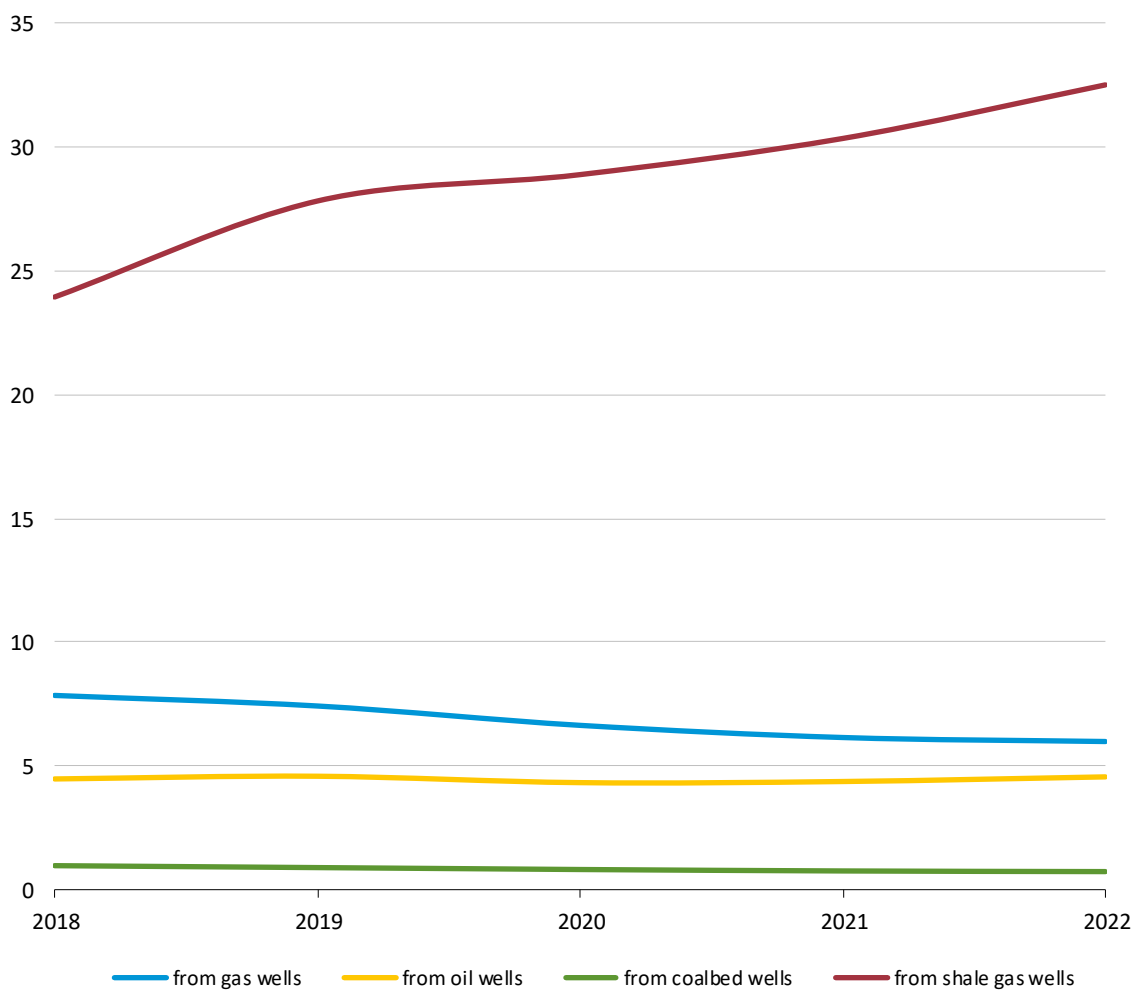
Year and state/region	State			Federal			Total offshore
	From natural gas wells	From oil wells	Total	From natural gas wells	From oil wells	Total	
2018 total	103,700	357,135	460,835	373,185	622,947	996,132	1,456,967
Alabama	57,066	0	57,066	0	0	0	57,066
Alaska	20,762	351,625	372,387	0	0	0	372,387
California	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	R89,570	R376,840	R466,410	R237,513	R571,531	R809,044	R1,275,454
Alabama	48,299	0	48,299	0	0	0	48,299
Alaska	R19,310	R370,058	R389,367	0	0	0	R389,367
California	R210	R3,267	R3,477	R584	R2,124	R2,708	R6,185
Gulf of Mexico	0	0	0	R236,929	R569,407	R806,336	R806,336
Louisiana	R19,426	R3,351	R22,777	0	0	0	R22,777
Texas	R2,325	165	R2,490	0	0	0	R2,490
2021 total	R80,945	R385,009	R465,954	R210,517	R584,317	R794,834	R1,260,788
Alabama	45,501	0	45,501	0	0	0	45,501
Alaska	19,629	378,012	397,641	0	0	0	397,641
California	R32	R4,157	R4,189	R648	R2,083	R2,732	R6,921
Gulf of Mexico	0	0	0	R209,869	R582,234	R792,102	R792,102
Louisiana	R14,582	R2,638	R17,220	0	0	0	R17,220
Texas	R1,201	R202	R1,403	0	0	0	R1,403
2022 total	75,087	381,399	456,486	205,491	581,480	786,971	1,243,457
Alabama	41,236	0	41,236	0	0	0	41,236
Alaska	22,350	373,781	396,131	0	0	0	396,131
California	35	3,907	3,942	804	1,600	2,404	6,347
Gulf of Mexico	0	0	0	204,687	579,880	784,567	784,567
Louisiana	9,486	3,605	13,091	0	0	0	13,091
Texas	1,980	106	2,086	0	0	0	2,086

^R Revised data.

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, 2018-2022
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, 2022

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		30,503	1,618	1,977
Alabama onshore	Alabama	12,265	1,110	1,277
Alabama offshore	Alabama	18,238	508	700
Alaska		3,113,409	19,304	22,130
Alaska onshore	Alaska	3,113,409	19,304	22,130
Alaska offshore	Alaska	NA	NA	NA
Arkansas		2,399	152	181
	Arkansas	2,399	152	181
California		72,315	5,185	6,915
California onshore	California	69,460	5,138	6,861
California offshore	California	2,364	23	23
Federal offshore	California	491	24	31
Colorado		1,821,715	144,850	204,738
	Colorado	1,821,571	144,839	204,722
	Kansas	123	8	12
	New Mexico	0	0	0
	Wyoming	21	3	4
Florida		4,796	104	142
	Florida	4,796	104	142
Gulf of Mexico		608,216	51,257	73,631
	Alabama	108,945	6,676	9,476
	Louisiana	302,465	27,423	39,427
	Mississippi	134,223	13,399	19,238
	Texas	62,583	3,759	5,490
Idaho		2,868	41	52
	Idaho	2,868	41	52
Illinois		214	21	29
	Illinois	214	21	29
Kansas		149,715	9,683	13,801
	Colorado	1,361	44	58
	Kansas	148,354	9,639	13,743
	Oklahoma	0	0	0
	Texas	0	0	0
Kentucky		67,210	3,656	5,127
	Kentucky	39,490	2,821	3,959
	Tennessee	1,947	114	157
	West Virginia	25,773	721	1,011
Louisiana		498,168	18,875	26,565
Louisiana onshore	Louisiana	383,974	13,694	19,087
	Texas	766	93	134
Louisiana offshore	Louisiana	113,428	5,088	7,344
Michigan		7,270	648	851
	Michigan	7,270	648	851
Mississippi		458	1	1
	Mississippi	458	1	1
Montana		8,167	909	1,214
	Montana	7,005	747	1,003
	North Dakota	1,034	133	177
	Wyoming	128	29	34
New Mexico		1,710,803	163,865	233,173
	Colorado	141,713	6,213	8,681
	New Mexico	1,409,309	138,520	197,448
	Texas	159,781	19,132	27,044
North Dakota		1,002,995	151,747	213,927
	Illinois	58,556	5,330	8,124
	North Dakota	944,439	146,417	205,803
Ohio		438,169	33,634	47,893
	Ohio	329,200	25,911	36,903
	West Virginia	108,969	7,723	10,990
Oklahoma		1,995,717	179,631	256,559
	Kansas	5,528	297	422
	Oklahoma	1,977,446	177,900	254,035
	Texas	12,743	1,434	2,102

See footnotes at end of table.

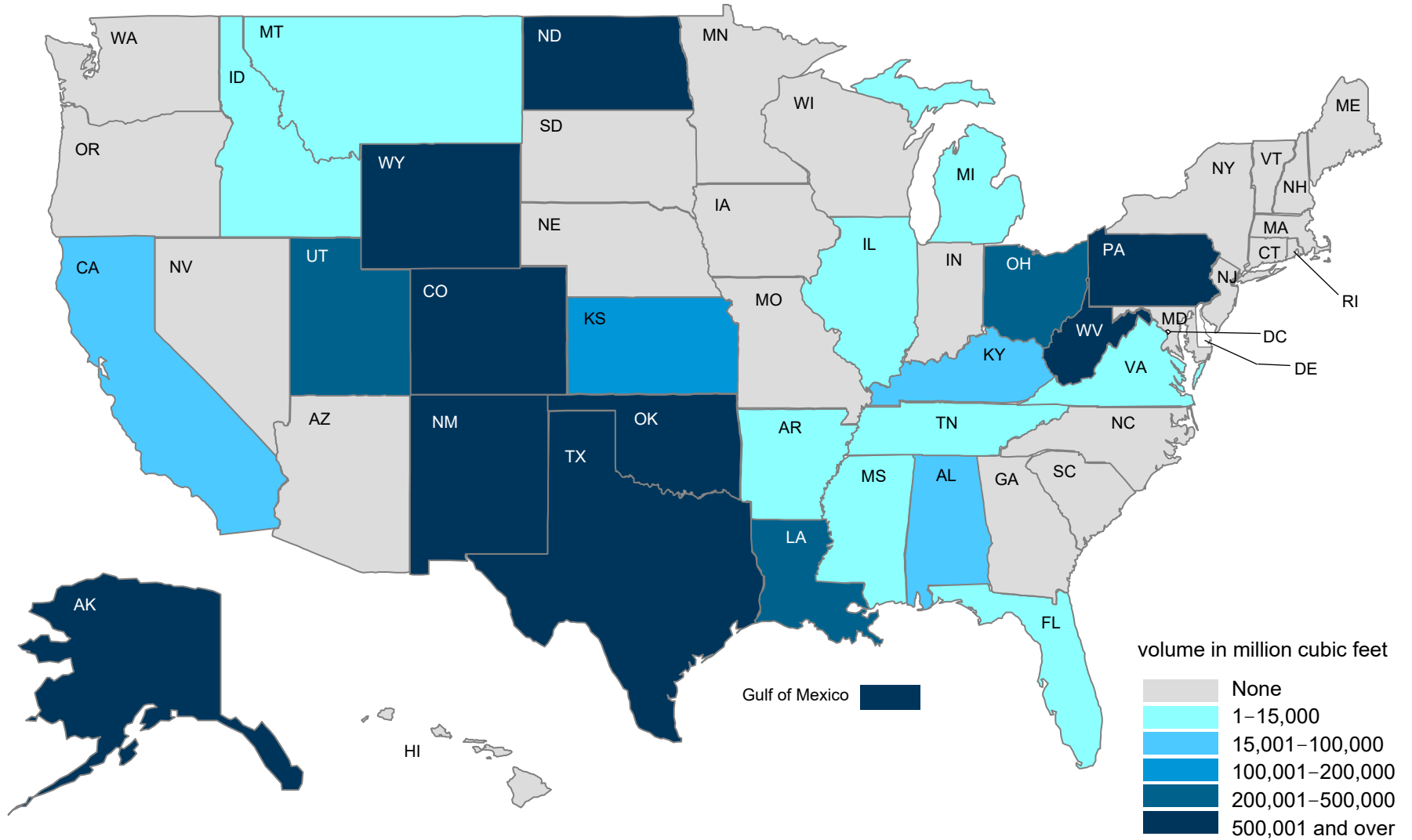
Origin of natural gas processed	Location of processing	Natural gas processed (million cubic feet)	Total liquids extracted (thousand barrels)	NGPL production, gaseous equivalent (million cubic feet)
Pennsylvania		640,106	67,030	98,061
	Ohio	13,034	908	1,316
	Pennsylvania	525,248	55,378	80,962
	West Virginia	101,824	10,744	15,783
South Dakota		0	0	0
	North Dakota	0	0	0
Tennessee		348	11	16
	Tennessee	348	11	16
Texas		10,238,097	1,098,910	1,581,347
Texas onshore	Kansas	329,620	4,628	6,676
	New Mexico	2,976	309	438
	Oklahoma	20,760	1,231	1,771
	Texas	9,884,741	1,092,742	1,572,462
Texas offshore	Louisiana	0	0	0
	Texas	NA	NA	NA
Utah		221,209	7,771	10,473
	Colorado	4,128	171	219
	Utah	216,064	7,579	10,226
	Wyoming	1,017	21	28
Virginia		352	52	72
	Tennessee	352	52	72
West Virginia		2,143,538	157,663	225,932
	West Virginia	2,143,538	157,663	225,932
Wyoming		854,726	36,877	50,520
	Colorado	2,675	10	12
	Wyoming	852,051	36,867	50,508
U.S. total		25,633,483	2,153,495	3,075,327

^{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, 2022
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, 2022

million cubic feet

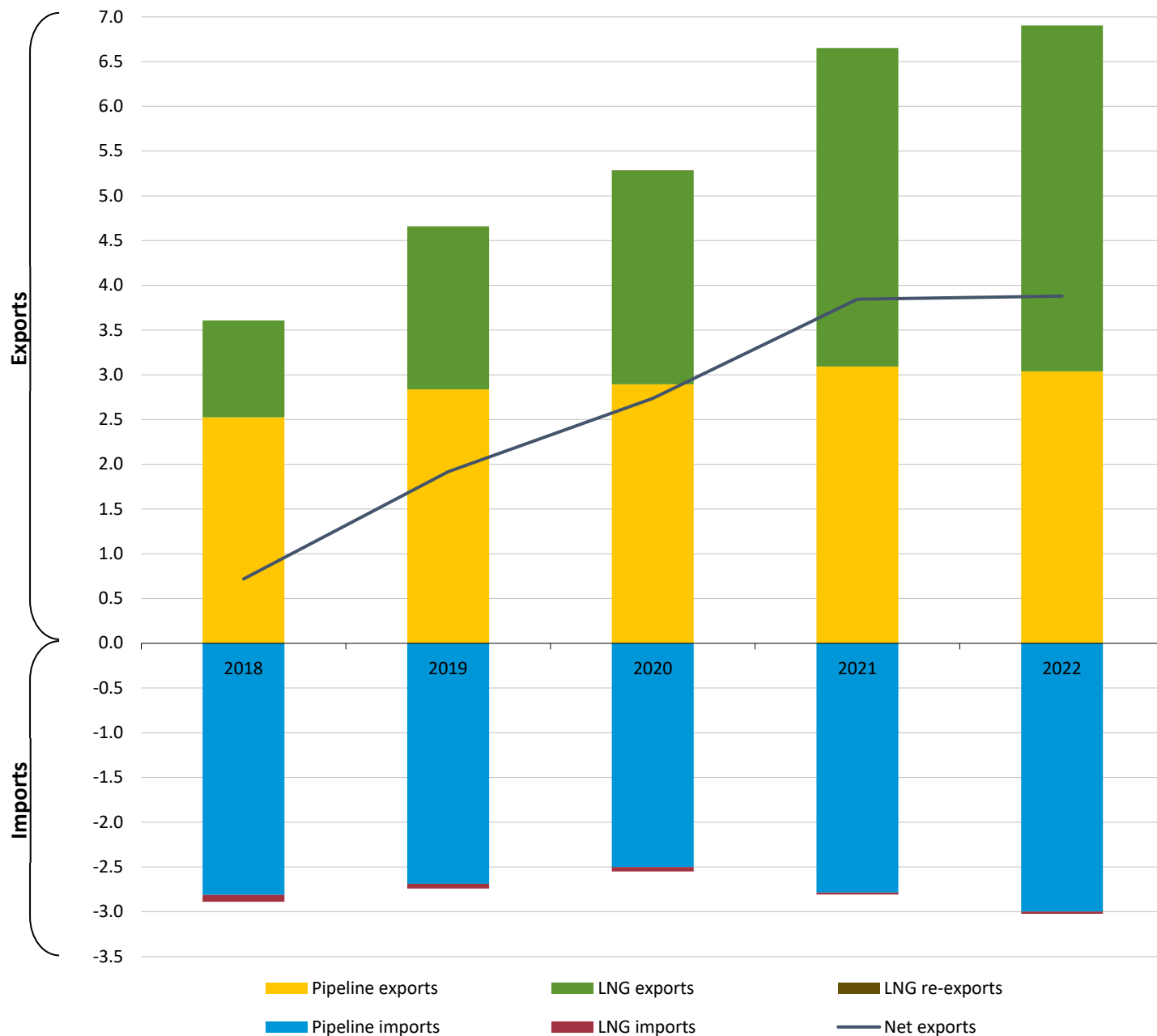
State	Synthetic natural gas	Propane air	Biomass gas	Other	Total
Colorado	0	62	0	5,339	5,401
Georgia	0	0	352	0	352
Hawaii	2,814	7	0	0	2,820
Illinois	0	1	1,398	0	1,398
Indiana	0	34	0	0	34
Iowa	251	0	0	0	251
Kansas	667	0	45	0	713
Kentucky	17	105	0	0	122
Maryland	0	402	0	0	402
Massachusetts	0	18	0	0	18
Michigan	540	0	2	0	542
Minnesota	0	22	0	0	22
Missouri	3	0	0	0	3
Nebraska	184	59	56	0	299
New York	1,068	0	70	0	1,138
North Dakota	50,601	0	0	0	50,601
Ohio	1,280	510	408	3	2,201
Oklahoma	0	0	543	0	543
Pennsylvania	1,280	0	0	0	1,280
South Carolina	0	*	0	0	*
Tennessee	0	0	7	0	7
Texas	3,128	0	0	1,716	4,844
Vermont	0	1	0	0	1
Virginia	0	117	0	0	117
Total	61,835	1,337	2,880	7,057	73,109

* 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

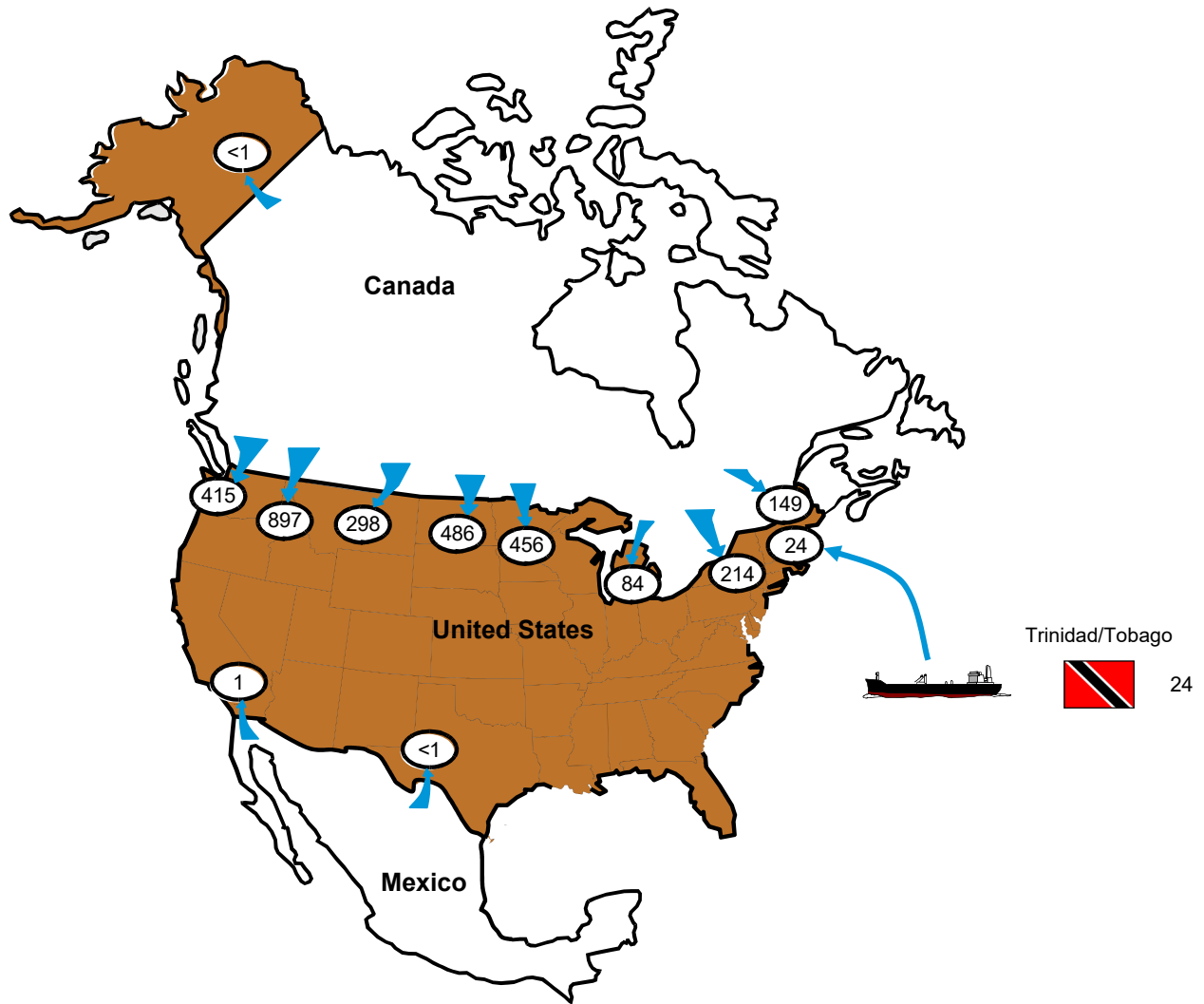
Figure 7. U.S. natural gas trade summary, 2018-2022
trillion cubic feet



Source: Office of Fossil Energy, 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, 2022
billion cubic feet



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

Table 7. Summary of U.S. natural gas imports, 2018-2022

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

	2018		2019		2020		2021		2022	
	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price
Pipeline										
Canada ^a	2,808,720	2.58	2,686,564	2.46	2,499,955	2.02	2,784,438	3.71	2,997,452	6.14
Mexico	3,316	4.34	1,873	2.83	1,706	3.48	1,718	11.10	1,064	14.72
Total pipeline imports	2,812,036	2.58	2,688,436	2.46	2,501,661	2.02	2,786,156	3.72	2,998,515	6.15
LNG by truck										
Canada	1,885	8.51	226	7.19	43	6.09	165	7.11	1,732	8.09
LNG by vessel										
France	2,768	8.35	2,651	10.39	0	--	0	--	0	--
Nigeria	2,860	8.84	3,154	5.56	6,906	3.50	0	--	0	--
Norway	0	--	0	--	3,032	6.16	0	--	0	--
Trinidad and Tobago	65,819	6.01	46,872	7.40	39,233	4.67	21,423	12.25	23,535	30.01
United Kingdom	3,119	13.26	0	--	0	--	0	--	0	--
Total LNG imports	76,451	6.56	52,903	7.44	49,214	4.60	21,587	12.21	25,268	28.51
CNG										
Canada	359	3.89	377	3.43	300	3.26	217	5.78	377	11.50
Total CNG imports	359	3.89	377	3.43	300	3.26	217	5.78	377	11.50
Total imports	2,888,847	2.69	2,741,717	2.55	2,551,175	2.07	2,807,961	3.78	3,024,160	6.33

^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.

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, 2018-2022

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

	2018		2019		2020		2021		2022	
	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price
Pipeline (Canada)										
Eastport, Idaho	822,535	1.75	808,167	1.93	845,341	1.90	853,299	3.27	897,492	5.52
Calais, Maine	35,339	7.45	56,586	6.51	57,616	3.91	46,486	6.30	20,992	14.45
Detroit, Michigan	1,427	2.87	0	--	0	--	18,484	3.93	18,439	6.14
Marysville, Michigan	0	--	710	2.14	146	1.69	0	--	75	4.88
Port Huron, Michigan	1,104	3.02	498	2.45	0	--	0	--	0	--
St. Clair, Michigan	9,869	3.05	26,620	2.41	40,179	2.05	37,613	4.39	65,200	6.40
Sault St Marie, Michigan	14	4.42	482	2.91	0	--	0	--	0	--
Noyes, Minnesota	312,933	2.87	315,139	2.31	263,325	1.98	374,499	3.58	451,818	5.85
Warroad, Minnesota	4,012	2.80	3,930	2.47	4,011	2.16	3,957	3.07	4,082	5.99
Babb, Montana	30,791	1.24	26,494	1.35	31,084	1.81	31,148	3.10	34,380	4.43
Port of del Bonita, Montana	1,076	1.15	1,601	2.39	1,543	1.63	0	--	0	--
Port of Morgan, Montana	428,893	2.00	353,262	1.94	239,481	1.88	258,448	3.65	261,471	5.36
Sweetgrass, Montana	0	--	2	3.14	0	--	0	--	0	--
Whitlash, Montana	3,447	1.14	2,733	1.21	2,551	1.82	2,525	3.01	2,208	4.34
Pittsburg, New Hampshire	93,181	5.08	100,086	3.54	99,821	2.43	109,240	4.58	112,461	8.67
Champlain, New York	3,161	4.51	3,156	3.55	2,698	2.63	2,857	4.30	3,340	8.93
Grand Island, New York	5,660	3.45	10,528	2.75	24,975	2.00	26,569	3.90	25,467	6.53
Massena, New York	3,567	5.77	3,655	4.75	3,125	3.65	3,144	5.21	3,151	7.52
Niagara Falls, New York	3,880	4.61	635	5.27	1,005	1.65	154	3.75	1,774	6.18
Waddington, New York	175,494	4.47	157,781	3.43	147,557	2.38	166,716	4.25	180,271	8.00
Portal, North Dakota	149	3.22	14	2.94	12	2.58	12	2.81	15	3.69
Sherwood, North Dakota ^a	486,921	2.40	460,972	1.97	383,479	1.58	443,543	3.82	486,065	5.61
Highgate Springs, Vermont	13,566	3.42	13,607	2.84	12,928	2.25	13,337	3.69	13,563	5.86
Sumas, Washington	371,700	3.10	339,907	3.63	339,078	2.31	392,408	3.90	415,186	7.09
Total	2,808,720	2.58	2,686,564	2.46	2,499,955	2.02	2,784,438	3.71	2,997,452	6.14
Pipeline (Mexico)										
Ogilby, California	310	3.65	321	3.37	288	3.06	694	12.68	85	7.22
Otay Mesa, California	2,503	4.85	481	3.93	1,049	4.41	691	13.44	701	19.34
Brownsville, Texas	0	--	656	2.48	0	--	0	--	0	--
Galvan Ranch, Texas	503	2.24	415	1.70	369	1.15	299	2.93	277	5.35
Rio Grande, Texas	0	--	0	--	0	--	34	3.10	0	--
Total	3,316	4.34	1,873	2.83	1,706	3.48	1,718	11.10	1,064	14.72
Total pipeline	2,812,036	2.58	2,688,436	2.46	2,501,661	2.02	2,786,156	3.72	2,998,515	6.15
LNG (Canada)										
Alcan, Alaska	1	9.90	6	9.68	1	W	0	--	35	12.07
Blaine, Washington	16	6.87	0	--	32	5.52	144	6.62	97	8.47
Champlain, New York	30	8.84	10	9.48	*	5.95	*	7.00	61	8.08
Eastport, Idaho	1	9.23	0	--	0	--	1	W	0	--
Highgate Springs, Vermont	1,742	8.63	78	7.03	*	W	*	6.03	1,175	8.02
Jackman, Maine	37	7.00	131	7.00	*	6.26	*	6.02	357	7.79
North Troy, Vermont	0	--	0	--	0	--	0	--	6	W
Portal, North Dakota	0	--	0	--	0	--	0	--	1	W
Sumas, Washington	59	6.08	1	8.03	11	7.59	19	10.19	1	W
Sweetgrass, Montana	0	--	0	--	0	--	1	W	0	--
Total	1,885	8.51	226	7.19	43	6.09	165	7.11	1,732	8.09
LNG (France)										
Everett, Massachusetts	2,768	8.35	0	--	0	--	0	--	0	--
Northeast Gateway,	0	--	2,651	10.39	0	--	0	--	0	--
Total	2,768	8.35	2,651	10.39	0	--	0	--	0	--
LNG (Nigeria)										
Cove Point, Maryland	2,860	8.84	3,154	5.56	2,629	W	0	--	0	--
Elba Island, Georgia	0	--	0	--	2,693	W	0	--	0	--
Everett, Massachusetts	0	--	0	--	1,584	W	0	--	0	--
Total	2,860	8.84	3,154	5.56	6,906	3.50	0	--	0	--

See footnotes at end of table.

	2018		2019		2020		2021		2022	
	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price
LNG (Norway)										
Cove Point, Maryland	0	--	0	--	3,032	W	0	--	0	--
Total	0	--	0	--	3,032	6.16	0	--	0	--
LNG (Trinidad and Tobago)										
Cove Point, Maryland	6,210	10.28	3,548	5.83	11,420	2.43	0	--	0	--
Elba Island, Georgia	14,500	4.41	5,648	4.78	0	--	0	--	0	--
Everett, Massachusetts	44,749	5.89	35,406	7.85	27,812	5.59	21,423	12.25	20,696	30.48
Freeport, Texas	360	11.92	0	--	0	--	0	--	0	--
Northeast Gateway	0	--	2,269	9.25	0	--	0	--	2,840	26.58
Total	65,819	6.01	46,872	7.40	39,233	4.67	21,423	12.25	23,535	30.01
LNG (United Kingdom)										
Everett, Massachusetts	3,119	13.26	0	--	0	--	0	--	0	--
Total	3,119	13.26	0	--	0	--	0	--	0	--
Total LNG	76,451	6.56	52,903	7.44	49,214	4.60	21,587	12.21	25,268	28.51
Total LNG (by entry)										
Alcan, Alaska	1	9.90	6	9.68	1	9.10	0	--	35	12.07
Blaine, Washington	16	6.87	0	--	32	5.52	144	6.62	97	8.47
Champlain, New York	30	8.84	10	9.48	*	5.95	*	7.00	61	8.08
Cove Point, Maryland	9,070	9.82	6,703	5.71	17,081	3.35	0	--	0	--
Eastport, Idaho	1	9.23	0	--	0	--	1	11.22	0	--
Elba Island, Georgia	14,500	4.41	5,648	4.78	2,693	1.84	0	--	0	--
Everett, Massachusetts	50,636	6.48	35,406	7.85	29,396	5.58	21,423	12.25	20,696	30.48
Freeport, Texas	360	11.92	0	--	0	--	0	--	0	--
Highgate Springs, Vermont	1,742	8.63	78	7.03	*	6.00	*	6.03	1,175	8.02
Jackman, Maine	37	7.00	131	7.00	*	6.26	*	6.02	357	7.79
North Troy, Vermont	0	--	0	--	0	--	0	--	6	9.76
Northeast Gateway	0	--	4,920	9.86	0	--	0	--	2,840	26.58
Portal, North Dakota	0	--	0	--	0	--	0	--	1	15.00
Sumas, Washington	59	6.08	1	8.03	11	7.59	19	10.19	1	6.58
Sweetgrass, Montana	0	--	0	--	0	--	1	16.20	0	--
CNG (Canada)										
Houlton, Maine	358	3.88	377	3.43	300	3.26	217	5.79	376	11.54
Portal, North Dakota	1	5.76	0	--	0	--	*	2.47	*	2.55
Sweetgrass, Montana	0	--	0	--	1	2.34	0	--	1	2.16
Total CNG	359	3.89	377	3.43	300	3.26	217	5.78	377	11.50
Total imports	2,888,847	2.69	2,741,717	2.55	2,551,175	2.07	2,807,961	3.78	3,024,160	6.33

^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.

^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. 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.

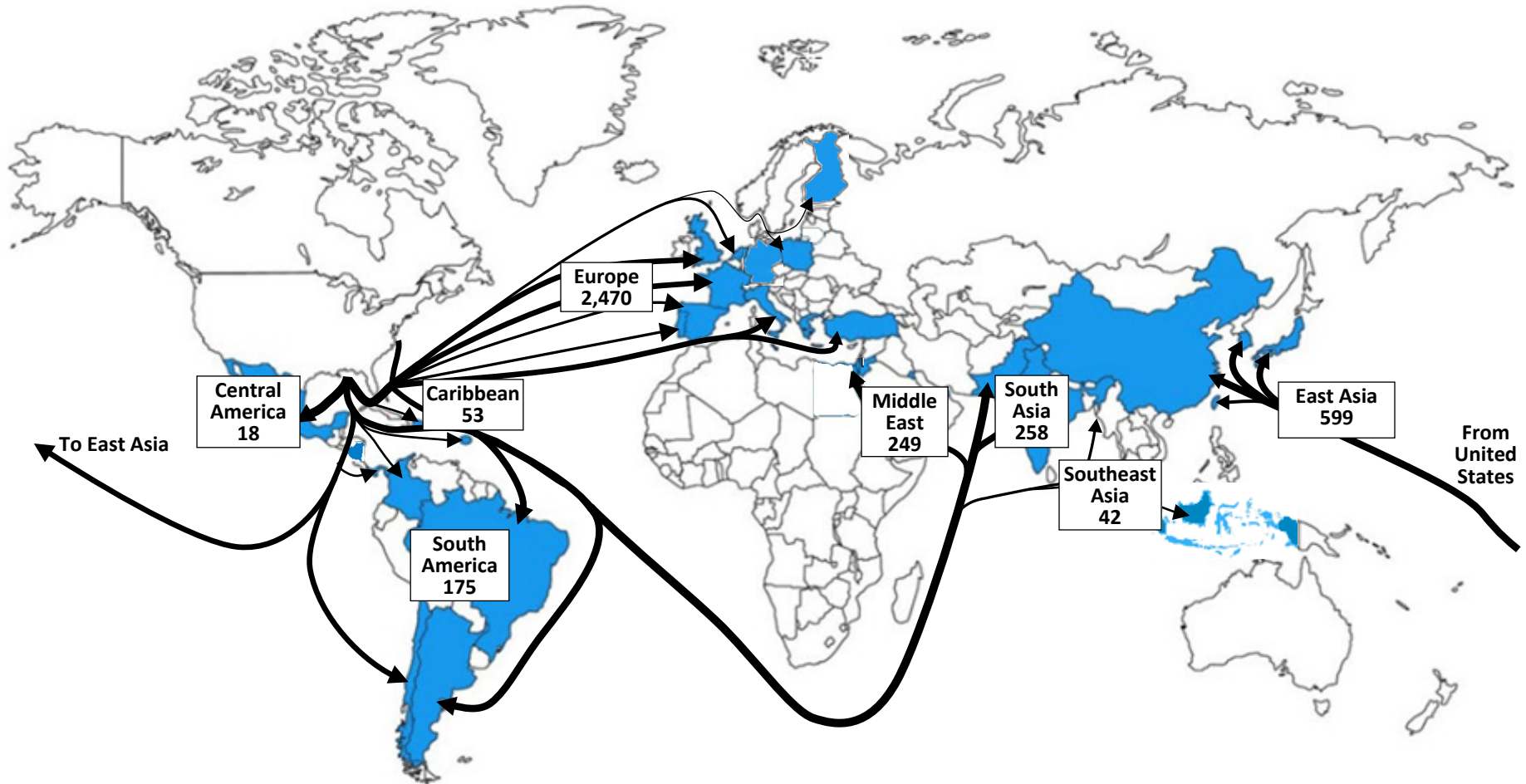
Figure 9. Flow of natural gas exports by pipeline, 2022

billion cubic feet



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

Figure 10. Flow of liquefied natural gas (LNG) exports, 2022
billion cubic feet



Source: Map by the U.S. Energy Information Administration, based on data from the Office of Fossil Energy; U.S. Department of Energy, *Natural Gas Imports and Exports*.
Note: This map shows LNG exports that were shipped by vessel during 2022. The United States also shipped LNG by truck; these trucked volumes were: 76 million cubic feet (Mcf) to Canada and 1,552 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 and Panama); Caribbean (Antigua and Barbuda, Bahamas, Barbados, Dominican Republic, Haiti, and Jamaica); South America (Argentina, Brazil, Chile, and Colombia); Europe (Belgium, Croatia, Finland, France, Germany, Greece, Italy, Lithuania, Malta, Netherlands, Poland, Portugal, Spain, and United Kingdom); Middle East (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, 2018-2022
volumes in million cubic feet, prices in dollars per thousand cubic feet

	2018		2019		2020		2021		2022	
	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price
Pipeline										
Canada	835,982	3.41	972,519	2.78	903,520	2.06	937,124	3.87	959,630	6.49
Mexico	1,688,519	3.30	1,865,329	2.57	1,990,809	2.12	2,154,457	5.41	2,078,627	6.26
Total pipeline exports	2,524,501	3.34	2,837,848	2.64	2,894,329	2.10	3,091,580	4.94	3,038,257	6.34
LNG										
Exports										
By vessel										
Antigua and Barbuda	0	--	0	--	0	--	8	10.80	22	10.80
Argentina	27,560	6.01	39,293	5.14	15,068	5.04	83,449	6.83	66,939	13.89
Bahamas	137	10.39	156	10.39	257	10.39	486	10.39	489	10.39
Bangladesh	0	--	3,419	W	10,660	5.17	37,734	6.05	12,663	10.05
Barbados	174	10.39	211	10.39	241	10.39	297	10.39	93	10.48
Belgium	0	--	23,897	4.97	31,946	4.27	5,584	5.67	80,245	12.59
Brazil	35,645	6.05	54,298	5.18	111,826	6.28	307,714	7.90	71,998	11.64
Chile	41,186	4.33	90,357	4.68	80,615	5.49	121,881	7.03	30,131	10.53
China	90,473	4.41	6,851	6.20	214,401	5.82	453,304	7.49	96,659	11.74
Colombia	5,101	4.86	6,518	4.06	4,626	5.83	2,247	7.38	5,703	12.72
Croatia	0	--	0	--	3,275	6.75	36,133	7.91	77,286	11.75
Dominican Republic	5,835	3.91	10,334	4.51	26,050	5.78	53,095	7.75	50,824	12.56
Egypt	6,554	3.27	0	--	0	--	0	--	0	--
Finland	0	--	0	--	0	--	0	--	329	10.68
France	18,291	7.03	117,791	5.33	90,237	5.17	170,780	7.34	571,399	12.48
Germany	0	--	0	--	0	--	0	--	7,113	20.02
Greece	3,722	7.62	14,643	5.90	48,403	5.86	39,708	7.61	69,031	14.52
Haiti	0	--	42	10.39	118	10.39	137	10.39	115	10.39
India	57,634	5.02	91,481	4.97	124,402	5.39	196,218	7.26	122,518	10.86
Indonesia	0	--	0	--	0	--	3,269	8.84	6,579	11.40
Israel	3,270	6.48	0	--	15,834	5.17	8,906	6.59	0	--
Italy	17,390	6.46	68,655	4.99	68,453	5.27	34,210	6.64	116,034	11.46
Jamaica	1,303	6.92	13,892	5.29	17,052	4.92	25,276	7.23	1,516	10.74
Japan	125,534	6.86	200,864	6.55	287,672	6.38	354,948	7.80	209,220	10.73
Jordan	38,794	4.10	32,332	3.99	6,872	5.28	0	--	0	--
Kuwait	9,981	6.67	10,308	4.92	17,293	5.61	34,476	7.91	57,018	13.33
Lithuania	0	--	3,455	W	28,879	5.17	30,919	6.98	77,212	11.14
Malaysia	0	--	3,698	W	0	--	0	--	0	--
Malta	2,927	6.70	413	W	2,648	5.33	5,427	7.09	5,273	8.87
Mexico	182,246	4.70	143,371	4.53	34,408	5.02	15,200	6.08	3,832	13.43
Netherlands	12,188	6.61	81,361	4.78	85,573	5.51	174,339	7.24	378,329	12.50
Nicaragua	0	--	0	--	0	--	1	10.39	0	--
Pakistan	12,956	5.60	26,935	6.26	36,934	4.70	45,818	7.23	3,074	9.53
Panama	6,786	5.46	10,221	7.62	12,764	6.98	8,436	7.11	13,759	10.90
Poland	3,231	7.12	38,042	5.72	36,900	5.13	56,320	8.10	127,404	19.74
Portugal	12,512	5.45	53,342	5.16	36,922	5.24	65,865	8.58	69,583	10.35
Singapore	3,679	5.63	31,440	5.25	28,341	5.30	20,918	6.49	22,980	14.95
South Korea	252,223	4.56	270,025	4.76	316,227	5.66	453,483	7.46	292,732	12.45
Spain	10,310	4.59	166,684	5.39	199,966	5.60	215,062	8.27	426,657	11.46
Taiwan	16,731	6.51	27,397	5.17	64,363	5.34	99,350	7.66	106,738	10.90
Thailand	0	--	6,635	6.12	32,622	4.80	14,548	5.69	25,988	15.94
Turkey	23,205	5.38	30,611	5.13	123,957	5.48	188,849	8.98	192,067	11.09
United Arab Emirates	3,638	3.46	20,561	3.99	10,110	5.91	0	--	0	--
United Kingdom	51,297	5.77	118,357	5.32	160,199	5.78	195,046	7.79	464,462	12.06
By truck										
Canada	19	12.71	25	9.35	10	9.45	128	12.47	76	16.95
Mexico	587	8.52	1,105	9.13	822	8.20	1,250	11.42	1,552	13.27
Re-exports										
By vessel										
Argentina	0	--	0	--	2,164	1.86	0	--	0	--
Brazil	0	--	0	--	82	9.07	0	--	0	--
Japan	0	--	221	4.44	387	9.07	0	--	0	--
South Korea	0	--	0	--	387	9.07	0	--	0	--
United Kingdom	0	--	305	9.07	0	--	0	--	0	--
Total LNG exports	1,083,118	5.20	1,819,547	5.21	2,389,963	5.64	3,560,818	7.62	3,865,643	12.24
CNG										
Canada	223	4.69	263	3.98	386	2.55	211	4.13	2	3.09
Total CNG exports	223	4.69	263	3.98	386	2.55	211	4.13	2	3.09
Total exports	3,607,841	3.89	4,657,657	3.64	5,284,678	3.70	6,652,609	6.38	6,903,902	9.64

-- Not applicable.

^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, 2018-2022

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

	2018		2019		2020		2021		2022	
	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price
Pipeline (Canada)	835,982	3.41	972,519	2.78	903,520	2.06	937,124	3.87	959,630	6.49
Eastport, Idaho	29	1.60	0	--	1,560	1.76	4	2.53	0	--
Calais, Maine	37,269	5.54	90,041	3.58	117,022	2.61	118,386	5.01	97,501	8.78
Detroit, Michigan	30,589	3.16	24,030	2.52	18,446	2.31	20,900	3.69	19,840	6.01
Marysville, Michigan	4,437	3.18	3,453	2.55	2,130	1.80	912	3.83	2,901	5.44
Port Huron, Michigan	650	3.53	0	--	0	--	0	--	0	--
Sault Ste. Marie, Michigan	13,751	3.36	14,517	2.66	15,552	2.04	15,459	3.80	15,966	6.28
St. Clair, Michigan	447,404	3.40	524,895	2.70	449,623	2.05	509,872	3.76	558,789	6.21
Noyes, Minnesota	12,882	3.36	13,668	2.55	8,696	1.95	3,238	3.44	5,047	6.05
Sweetgrass, Montana	*	2.30	*	1.59	0	--	0	--	0	--
Portal, North Dakota	0	--	463	1.36	1,269	1.19	1,045	4.00	669	5.50
Pittsburg, New Hampshire	705	10.30	1,992	8.73	34	2.31	113	2.59	33	6.92
Grand Island, New York	40,805	2.99	42,965	2.50	44,853	1.93	52,164	3.64	63,314	6.28
Massena, New York	0	--	0	--	0	--	341	2.78	0	--
Niagara Falls, New York	228,828	3.03	219,011	2.49	216,607	1.81	190,950	3.54	178,703	6.07
Waddington, New York	6,021	3.56	14,615	2.71	15,615	1.98	12,754	3.71	10,076	6.95
Sumas, Washington	12,612	6.09	22,870	4.65	12,113	2.37	10,987	3.99	6,790	11.37
Pipeline (Mexico)	1,688,519	3.30	1,865,329	2.57	1,990,809	2.12	2,154,457	5.41	2,078,627	6.26
Douglas, Arizona	67,968	2.59	61,497	3.72	60,733	1.63	54,297	4.94	49,665	6.49
Nogales, Arizona	483	2.32	584	2.54	547	1.88	403	4.42	590	5.66
Sasabe, Arizona	46,751	2.07	47,788	1.13	49,053	1.33	30,815	5.95	3,005	5.53
Calexico, California	20,557	5.16	22,311	4.36	22,338	3.23	24,063	4.15	24,643	5.28
Ogilby, California	122,836	2.86	122,203	2.48	110,790	2.31	127,468	4.88	121,907	8.53
Otay Mesa, California	542	3.25	569	3.10	582	2.82	196	3.43	0	--
Alamo, Texas	67,295	3.52	73,119	2.96	60,647	2.39	64,029	7.11	25,060	6.72
Brownsville, Texas	0	--	69,321	2.49	267,529	2.16	325,943	6.16	328,969	6.28
Clint, Texas	35,587	2.47	32,430	1.23	29,796	1.38	32,154	4.45	27,500	5.56
Del Rio, Texas	377	4.13	422	3.51	404	3.05	417	5.11	462	7.42
Eagle Pass, Texas	10,225	4.28	10,129	3.66	10,761	3.19	9,720	4.82	11,732	7.40
El Paso, Texas	100,589	2.12	99,214	1.27	85,690	1.54	97,891	5.19	93,981	5.76
Hidalgo, Texas	58,295	3.66	120,818	2.75	129,992	2.40	126,196	4.26	73,286	6.02
McAllen, Texas	91,673	3.35	78,914	2.90	71,218	2.31	68,094	4.95	46,543	6.80
Laredo, Texas	7,405	4.07	80,094	2.51	104,255	2.14	102,058	5.89	113,451	6.35
Penitas, Texas	41,335	3.16	17,329	2.70	0	--	0	--	0	--
Presidio, Texas	8,427	1.98	47,801	1.20	96,552	1.42	219,909	4.28	225,513	5.51
Rio Bravo, Texas	87,219	3.37	81,784	2.66	74,563	2.21	63,220	5.55	75,447	6.30
Rio Grande City, Texas	685,211	3.68	667,956	2.78	586,707	2.29	541,488	5.88	547,381	6.24
Roma, Texas	200,089	3.35	191,529	2.83	162,039	2.27	165,444	5.30	141,780	6.53
San Elizario, Texas	35,656	2.12	39,517	1.06	66,611	1.31	100,652	4.90	167,711	5.69
Total pipeline	2,524,501	3.34	2,837,848	2.64	2,894,329	2.10	3,091,580	4.94	3,038,257	6.34
LNG (Antigua and Barbuda)	0	--	0	--	0	--	8	10.80	22	10.80
Fort Lauderdale, Florida	0	--	0	--	0	--	6	10.80	22	10.80
Jacksonville, Florida	0	--	0	--	0	--	2	W	0	--
LNG (Argentina)	27,560	6.01	39,293	5.14	17,232	4.64	83,449	6.83	66,939	13.89
Cameron, Louisiana	0	--	0	--	4,034	6.54	2,220	W	22,303	18.00
Corpus Christi, Texas	0	--	17,268	4.10	4,421	4.03	8,480	6.70	5,741	11.75
Cove Point, Maryland	8,146	6.58	6,421	6.36	2,164	1.86	5,510	7.34	4,191	11.91
Freeport, Texas	0	--	0	--	0	--	44,885	7.05	10,861	11.06
Sabine Pass, Louisiana	19,413	5.77	15,604	5.78	6,613	4.80	22,354	6.25	23,844	12.19
LNG (Bahamas)	137	10.39	156	10.39	257	10.39	486	10.39	489	10.39
Doral, Florida	4	10.39	0	--	0	--	0	--	0	--
Fort Lauderdale, Florida	133	10.39	156	10.39	257	10.39	486	10.39	489	10.39
LNG (Bangladesh)	0	--	3,419	5.03	10,660	5.17	37,734	6.05	12,663	10.05
Cameron, Louisiana	0	--	0	--	0	--	3,655	W	6,269	10.55
Corpus Christi, Texas	0	--	0	--	7,020	5.62	0	--	0	--
Elba Island, Georgia	0	--	0	--	0	--	3,493	W	0	--
Freeport, Texas	0	--	0	--	0	--	10,001	5.59	0	--
Sabine Pass, Louisiana	0	--	3,419	W	3,640	W	20,585	6.04	6,394	9.56
LNG (Barbados)	174	10.39	211	10.39	241	10.39	297	10.39	93	10.48
Fort Lauderdale, Florida	174	10.39	211	10.39	241	10.39	297	10.39	92	10.40
Newark, New Jersey	0	--	0	--	0	--	0	--	1	W
LNG (Belgium)	0	--	23,897	4.97	31,946	4.27	5,584	5.67	80,245	12.59
Cameron, Louisiana	0	--	0	--	3,290	W	2,100	W	16,348	17.43
Corpus Christi, Texas	0	--	0	--	17,564	3.56	3,484	W	7,949	21.36
Cove Point, Maryland	0	--	6,794	6.33	0	--	0	--	3,509	W
Freeport, Texas	0	--	0	--	0	--	0	--	6,912	10.72
Sabine Pass, Louisiana	0	--	17,103	4.43	11,093	5.04	0	--	45,527	9.92

See footnotes at end of table.

	2018		2019		2020		2021		2022	
	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price
LNG (Brazil)	35,645	6.05	54,298	5.18	111,908	6.29	307,714	7.90	71,998	11.64
Cameron, Louisiana	0	--	0	--	22,791	8.66	31,256	7.80	26,739	13.52
Corpus Christi, Texas	0	--	11,301	3.96	33,606	5.37	101,306	8.70	12,202	11.52
Cove Point, Maryland	533	6.91	7,119	6.08	6,713	7.38	7,533	6.75	0	--
Elba Island, Georgia	0	--	0	--	0	--	3,349	W	3,692	W
Freeport, Texas	0	--	0	--	10,496	5.93	68,230	8.11	16,281	9.17
Sabine Pass, Louisiana	35,112	6.04	35,877	5.39	38,301	5.58	96,040	6.98	13,084	10.57
LNG (Canada)	19	12.71	25	9.35	10	9.45	128	12.47	76	16.95
Babb, Montana	*	19.21	0	--	0	--	0	--	0	--
Calais, Maine	14	14.05	0	--	0	--	0	--	0	--
Niagara Falls, New York	0	--	0	--	8	9.99	128	12.47	76	16.95
Noonan-Estevan, North Dakota	0	--	1	W	0	--	0	--	0	--
Portal, North Dakota	5	8.86	25	9.43	2	W	0	--	0	--
LNG (Chile)	41,186	4.33	90,357	4.68	80,615	5.49	121,881	7.03	30,131	10.53
Cameron, Louisiana	0	--	2,917	W	8,631	5.35	11,717	6.27	0	--
Corpus Christi, Texas	0	--	3,445	W	3,155	W	20,833	8.01	16,715	11.77
Cove Point, Maryland	3,249	6.99	9,933	5.84	0	--	0	--	0	--
Elba Island, Georgia	0	--	0	--	9,899	7.24	15,910	6.98	0	--
Freeport, Texas	0	--	0	--	7,403	5.74	3,410	W	3,162	W
Sabine Pass, Louisiana	37,936	4.10	74,062	4.50	51,527	5.17	70,012	6.85	10,253	9.55
LNG (China)	90,473	4.41	6,851	6.20	214,401	5.82	453,304	7.49	96,659	11.74
Cameron, Louisiana	0	--	0	--	33,971	6.43	82,394	7.80	31,942	14.26
Corpus Christi, Texas	0	--	0	--	31,750	5.09	74,634	7.90	23,723	11.39
Cove Point, Maryland	0	--	0	--	10,484	6.43	24,007	8.12	681	W
Elba Island, Georgia	0	--	0	--	0	--	7,022	6.27	0	--
Freeport, Texas	0	--	0	--	68,266	6.22	73,626	7.44	3,818	W
Sabine Pass, Louisiana	90,473	4.41	6,851	6.20	69,929	5.37	191,620	7.19	36,495	10.10
LNG (Colombia)	5,101	4.86	6,518	4.06	4,626	5.83	2,247	7.38	5,703	12.72
Cameron, Louisiana	0	--	0	--	550	W	0	--	912	W
Elba Island, Georgia	0	--	0	--	0	--	0	--	486	W
Freeport, Texas	0	--	0	--	2,548	W	2,247	7.38	0	--
Sabine Pass, Louisiana	5,101	4.86	6,518	4.06	1,528	5.31	0	--	4,305	11.64
LNG (Croatia)	0	--	0	--	3,275	6.75	36,133	7.91	77,286	11.75
Cameron, Louisiana	0	--	0	--	0	--	3,364	W	20,355	14.80
Corpus Christi, Texas	0	--	0	--	0	--	6,410	8.09	16,049	12.32
Cove Point, Maryland	0	--	0	--	3,275	W	0	--	6,219	10.07
Elba Island, Georgia	0	--	0	--	0	--	0	--	5,213	8.37
Freeport, Texas	0	--	0	--	0	--	17,271	7.79	6,299	8.34
Sabine Pass, Louisiana	0	--	0	--	0	--	9,087	8.46	23,151	10.83
LNG (Dominican Republic)	5,835	3.91	10,334	4.51	26,050	5.78	53,095	7.75	50,824	12.56
Cameron, Louisiana	0	--	0	--	17,925	5.62	27,989	7.46	18,408	14.46
Corpus Christi, Texas	0	--	2,857	W	3,105	W	2,799	W	28,770	11.72
Cove Point, Maryland	1,023	6.80	0	--	0	--	0	--	0	--
Elba Island, Georgia	0	--	0	--	0	--	2,780	W	0	--
Freeport, Texas	0	--	0	--	2,216	W	12,259	8.28	0	--
Sabine Pass, Louisiana	4,812	3.29	7,477	4.88	2,804	W	7,267	7.63	3,645	W
LNG (Egypt)	6,554	3.27	0	--	0	--	0	--	0	--
Sabine Pass, Louisiana	6,554	3.27	0	--	0	--	0	--	0	--
LNG (Finland)	0	--	0	--	0	--	0	--	329	10.68
Sabine Pass, Louisiana	0	--	0	--	0	--	0	--	329	W
LNG (France)	18,291	7.03	117,791	5.33	90,237	5.17	170,780	7.34	571,399	12.48
Cameron, Louisiana	0	--	8,500	7.35	13,302	6.49	31,417	6.98	128,165	15.91
Corpus Christi, Texas	0	--	27,023	4.38	14,024	5.23	31,659	6.74	138,364	13.95
Cove Point, Maryland	3,380	7.21	10,108	6.85	13,278	5.98	10,088	7.08	29,317	10.32
Elba Island, Georgia	0	--	0	--	0	--	3,337	W	20,636	11.02
Freeport, Texas	0	--	0	--	19,961	4.27	35,008	7.51	54,661	9.72
Sabine Pass, Louisiana	14,911	6.98	72,160	5.23	29,672	4.78	59,272	7.83	200,255	10.50
LNG (Germany)	0	--	0	--	0	--	0	--	7,113	20.02
Cameron, Louisiana	0	--	0	--	0	--	0	--	3,686	W
Jacksonville, Florida	0	--	0	--	0	--	0	--	1	W
Sabine Pass, Louisiana	0	--	0	--	0	--	0	--	3,426	W
LNG (Greece)	3,722	7.62	14,643	5.90	48,403	5.86	39,708	7.61	69,031	14.52
Cameron, Louisiana	0	--	1,406	W	16,074	6.29	4,197	8.99	32,016	17.90
Corpus Christi, Texas	3,722	7.62	3,497	W	3,551	W	3,486	W	13,737	11.61
Cove Point, Maryland	0	--	3,394	W	14,262	6.75	799	W	6,777	12.00
Freeport, Texas	0	--	0	--	0	--	6,101	7.79	4,711	10.78
Sabine Pass, Louisiana	0	--	6,346	6.07	14,516	5.17	25,125	7.75	11,789	11.70
LNG (Haiti)	0	--	42	10.39	118	10.39	137	10.39	115	10.39
Fort Lauderdale, Florida	0	--	42	10.39	118	10.39	137	10.39	115	10.39

See footnotes at end of table.

	2018		2019		2020		2021		2022	
	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price
LNG (India)	57,634	5.02	91,481	4.97	124,402	5.39	196,218	7.26	122,518	10.86
Cameron, Louisiana	0	--	7,037	6.64	33,542	6.07	53,781	7.40	36,267	9.96
Corpus Christi, Texas	0	--	7,655	4.91	21,418	4.27	34,057	7.65	7,048	14.65
Cove Point, Maryland	11,792	7.19	16,907	6.16	20,145	5.84	28,766	8.28	48,029	10.97
Elba Island, Georgia	0	--	0	--	3,725	W	3,633	W	0	--
Freeport, Texas	0	--	3,711	W	7,335	5.67	14,255	7.93	0	--
Sabine Pass, Louisiana	45,841	4.46	56,170	4.51	38,237	5.03	61,725	6.27	31,173	10.88
LNG (Indonesia)	0	--	0	--	0	--	3,269	8.84	6,579	11.40
Cameron, Louisiana	0	--	0	--	0	--	1,656	7.52	1,450	10.17
Corpus Christi, Texas	0	--	0	--	0	--	456	W	0	--
Cove Point, Maryland	0	--	0	--	0	--	0	--	2,821	W
Sabine Pass, Louisiana	0	--	0	--	0	--	1,156	9.84	2,308	12.05
LNG (Israel)	3,270	6.48	0	--	15,834	5.17	8,906	6.59	0	--
Corpus Christi, Texas	0	--	0	--	6,594	4.75	0	--	0	--
Freeport, Texas	0	--	0	--	6,238	5.77	8,906	6.59	0	--
Sabine Pass, Louisiana	3,270	6.48	0	--	3,001	W	0	--	0	--
LNG (Italy)	17,390	6.46	68,655	4.99	68,453	5.27	34,210	6.64	116,034	11.46
Cameron, Louisiana	0	--	0	--	12,828	6.26	3,401	W	32,518	12.93
Corpus Christi, Texas	0	--	16,937	5.18	20,137	4.41	3,425	W	26,438	10.70
Cove Point, Maryland	0	--	3,204	W	9,598	6.20	3,213	W	6,520	12.36
Elba Island, Georgia	0	--	0	--	0	--	0	--	6,811	11.67
Freeport, Texas	0	--	9,395	3.55	0	--	7,518	7.15	10,014	9.91
Sabine Pass, Louisiana	17,390	6.46	39,119	5.15	25,890	5.11	16,654	6.63	33,733	10.88
LNG (Jamaica)	1,303	6.92	13,892	5.29	17,052	4.92	25,276	7.23	1,516	10.74
Corpus Christi, Texas	0	--	2,320	W	0	--	1,829	W	130	W
Fort Lauderdale, Florida	0	--	0	--	1	W	214	10.39	1,340	10.39
Freeport, Texas	0	--	0	--	4,985	4.65	782	W	0	--
Jacksonville, Florida	0	--	0	--	0	--	3	10.80	0	--
Miami, Florida	0	--	0	--	0	--	3	W	46	10.80
Sabine Pass, Louisiana	1,303	6.92	11,572	5.05	12,067	5.02	22,444	7.01	0	--
LNG (Japan)	125,534	6.86	201,085	6.55	288,058	6.38	354,948	7.80	209,220	10.73
Cameron, Louisiana	0	--	35,225	7.22	75,282	6.92	140,089	7.87	125,728	10.37
Corpus Christi, Texas	0	--	17,803	4.07	27,959	4.54	43,133	8.22	29,850	10.24
Cove Point, Maryland	71,879	8.19	87,107	7.83	49,834	7.77	35,029	8.78	23,898	11.60
Elba Island, Georgia	0	--	0	--	0	--	2,966	W	0	--
Freeport, Texas	0	--	3,607	W	103,150	6.16	98,024	7.36	12,919	10.45
Sabine Pass, Louisiana	53,655	5.07	57,343	4.98	31,833	5.28	35,707	7.10	16,825	13.34
LNG (Jordan)	38,794	4.10	32,332	3.99	6,872	5.28	0	--	0	--
Corpus Christi, Texas	0	--	3,449	W	0	--	0	--	0	--
Cove Point, Maryland	6,494	6.74	0	--	0	--	0	--	0	--
Sabine Pass, Louisiana	32,300	3.57	28,884	3.70	6,872	5.28	0	--	0	--
LNG (Kuwait)	9,981	6.67	10,308	4.92	17,293	5.61	34,476	7.91	57,018	13.33
Cameron, Louisiana	0	--	0	--	3,720	W	10,351	8.67	13,732	20.60
Corpus Christi, Texas	0	--	0	--	0	--	0	--	7,536	11.68
Cove Point, Maryland	6,496	6.76	0	--	3,166	W	3,821	W	3,479	W
Elba Island, Georgia	0	--	0	--	0	--	0	--	2,537	W
Freeport, Texas	0	--	0	--	0	--	6,732	7.56	0	--
Sabine Pass, Louisiana	3,485	6.49	10,308	4.92	10,407	5.14	13,572	7.86	29,735	10.98
LNG (Lithuania)	0	--	3,455	4.50	28,879	5.17	30,919	6.98	77,212	11.14
Cameron, Louisiana	0	--	0	--	6,868	6.25	0	--	24,187	11.30
Corpus Christi, Texas	0	--	3,455	W	3,148	W	6,277	6.85	14,327	12.46
Cove Point, Maryland	0	--	0	--	0	--	1,677	W	516	W
Elba Island, Georgia	0	--	0	--	3,045	W	3,078	W	5,829	7.73
Freeport, Texas	0	--	0	--	6,252	4.76	10,147	6.83	10,450	10.51
Sabine Pass, Louisiana	0	--	0	--	9,565	4.92	9,740	7.22	21,905	10.80
LNG (Malaysia)	0	--	3,698	5.79	0	--	0	--	0	--
Sabine Pass, Louisiana	0	--	3,698	W	0	--	0	--	0	--
LNG (Malta)	2,927	6.70	413	3.76	2,648	5.33	5,427	7.09	5,273	8.87
Cove Point, Maryland	0	--	0	--	570	5.69	0	--	0	--
Elba Island, Georgia	0	--	0	--	0	--	2,498	W	5,273	8.87
Sabine Pass, Louisiana	2,927	6.70	413	W	2,077	W	2,928	W	0	--
LNG (Mexico)	182,834	4.71	144,476	4.57	35,230	5.09	16,450	6.49	5,383	13.39
Cameron, Louisiana	0	--	0	--	0	--	0	--	539	W
Calexico, California	0	--	0	--	0	--	0	--	4	18.38
Corpus Christi, Texas	0	--	20,787	3.81	0	--	1,088	W	0	--
Cove Point, Maryland	6,704	6.91	9,650	6.42	0	--	3,378	W	0	--
El Paso, Texas	0	--	0	--	0	--	0	--	1	W
Elba Island, Georgia	0	--	0	--	3,705	W	0	--	0	--
Freeport, Texas	0	--	6,294	4.73	6,746	4.76	3,367	W	3,292	W

See footnotes at end of table.

	2018		2019		2020		2021		2022	
	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price
LNG (Mexico) (continued)										
Laredo, Texas	548	8.38	1,018	8.93	498	7.34	1,061	11.05	1,478	13.06
Nogales, Arizona	35	10.45	64	11.72	305	9.61	184	13.64	69	17.39
Otay Mesa, California	5	9.93	24	10.61	17	8.07	6	9.13	0	--
Sabine Pass, Louisiana	175,543	4.62	106,639	4.49	23,957	5.03	7,367	6.08	0	--
San Luis, Arizona	0	--	0	--	1	W	0	--	0	--
LNG (Netherlands)	12,188	6.61	81,361	4.78	85,573	5.51	174,339	7.24	378,329	12.50
Cameron, Louisiana	0	--	3,335	W	23,960	6.52	23,481	8.01	62,807	16.05
Corpus Christi, Texas	0	--	40,773	4.07	6,681	4.87	48,672	6.85	41,630	16.21
Cove Point, Maryland	0	--	6,465	6.74	13,417	6.59	6,742	8.01	27,513	10.56
Elba Island, Georgia	0	--	0	--	3,203	W	12,541	7.72	29,578	12.17
Freeport, Texas	0	--	0	--	7,149	5.31	18,792	8.55	35,549	9.82
Sabine Pass, Louisiana	12,188	6.61	30,789	4.88	31,163	4.36	64,111	6.71	181,252	11.28
LNG (Nicaragua)	0	--	0	--	0	--	1	W	0	--
Fort Lauderdale, Florida	0	--	0	--	0	--	1	W	0	--
LNG (Pakistan)	12,956	5.60	26,935	6.26	36,934	4.70	45,818	7.23	3,074	9.53
Cameron, Louisiana	0	--	0	--	7,003	5.75	3,425	W	0	--
Corpus Christi, Texas	0	--	3,656	W	6,711	2.66	3,323	W	0	--
Cove Point, Maryland	3,222	6.63	3,251	W	0	--	3,678	7.75	0	--
Elba Island, Georgia	0	--	3,400	W	0	--	3,323	W	0	--
Freeport, Texas	0	--	0	--	10,056	3.75	26,012	7.50	0	--
Sabine Pass, Louisiana	9,733	5.25	16,628	5.46	13,163	5.92	6,057	7.86	3,074	W
LNG (Panama)	6,786	5.46	10,221	7.62	12,764	6.98	8,436	7.11	13,759	10.90
Cameron, Louisiana	0	--	0	--	5,127	7.54	5,620	6.60	6,715	11.05
Corpus Christi, Texas	0	--	0	--	0	--	0	--	6,267	11.01
Cove Point, Maryland	2,077	6.80	9,743	7.69	3,228	W	0	--	0	--
Freeport, Texas	0	--	0	--	3,070	W	1,390	W	777	W
Sabine Pass, Louisiana	4,710	4.87	478	W	1,339	5.42	1,427	8.66	0	--
LNG (Poland)	3,231	7.12	38,042	5.72	36,900	5.13	56,320	8.10	127,404	19.74
Cameron, Louisiana	0	--	0	--	10,271	6.02	0	--	55,320	31.19
Corpus Christi, Texas	0	--	0	--	3,583	W	14,152	8.48	18,064	11.53
Cove Point, Maryland	3,231	7.12	6,743	6.98	3,375	W	10,458	8.75	351	W
Elba Island, Georgia	0	--	0	--	0	--	3,713	W	0	--
Freeport, Texas	0	--	0	--	6,664	5.39	10,651	7.37	7,356	8.76
Sabine Pass, Louisiana	0	--	31,299	5.45	13,007	5.03	17,346	7.88	46,313	11.08
LNG (Portugal)	12,512	5.45	53,342	5.16	36,922	5.24	65,865	8.58	69,583	10.35
Cameron, Louisiana	0	--	0	--	W	W	0	--	2,247	W
Corpus Christi, Texas	0	--	13,434	5.09	17,801	5.38	47,701	8.88	45,144	10.13
Cove Point, Maryland	5,595	8.03	0	--	W	W	5,337	8.62	0	--
Freeport, Texas	0	--	0	--	0	--	3,380	W	0	--
Sabine Pass, Louisiana	6,918	3.37	39,908	5.19	12,016	5.22	9,447	8.66	22,192	10.42
LNG (Singapore)	3,679	5.63	31,440	5.25	28,341	5.30	20,918	6.49	22,980	14.95
Cameron, Louisiana	0	--	0	--	0	--	3,089	W	6,520	24.92
Corpus Christi, Texas	0	--	3,375	W	10,423	4.87	3,303	W	0	--
Cove Point, Maryland	0	--	3,435	W	0	--	0	--	0	--
Elba Island, Georgia	0	--	0	--	0	--	0	--	2,900	W
Freeport, Texas	0	--	0	--	3,416	W	3,449	W	0	--
Sabine Pass, Louisiana	3,679	5.63	24,630	4.72	14,502	5.53	11,076	6.77	13,560	10.53
LNG (South Korea)	252,223	4.56	270,025	4.76	316,613	5.66	453,483	7.46	292,732	12.45
Cameron, Louisiana	0	--	3,393	W	28,178	7.45	60,219	7.77	59,799	16.63
Corpus Christi, Texas	0	--	39,090	4.48	27,540	4.90	69,623	6.49	18,568	14.76
Cove Point, Maryland	0	--	0	--	10,019	6.81	23,850	8.08	10,428	12.41
Elba Island, Georgia	0	--	0	--	0	--	3,712	W	0	--
Freeport, Texas	0	--	6,705	4.36	51,667	5.56	88,744	7.71	35,799	10.13
Sabine Pass, Louisiana	252,223	4.56	220,837	4.78	199,209	5.48	207,335	7.55	168,140	11.20
LNG (Spain)	10,310	4.59	166,684	5.39	199,966	5.60	215,062	8.27	426,657	11.46
Cameron, Louisiana	0	--	0	--	24,644	6.12	43,048	8.22	67,296	15.16
Corpus Christi, Texas	0	--	42,075	5.65	58,924	5.59	69,783	9.03	137,459	11.19
Cove Point, Maryland	0	--	17,079	7.47	33,357	6.27	22,019	7.88	23,726	11.31
Elba Island, Georgia	0	--	0	--	0	--	6,537	7.13	10,457	10.19
Freeport, Texas	0	--	9,054	3.47	28,711	5.47	13,847	7.09	16,449	10.22
Sabine Pass, Louisiana	10,310	4.59	98,476	5.10	54,330	5.03	59,828	7.95	171,271	10.45

See footnotes at end of table.

	2018		2019		2020		2021		2022	
	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price
LNG (Taiwan)	16,731	6.51	27,397	5.17	64,363	5.34	99,350	7.66	106,738	10.90
Cameron, Louisiana	0	--	7,207	5.90	3,293	W	14,417	6.50	9,726	11.50
Corpus Christi, Texas	0	--	3,658	W	15,176	5.08	42,352	8.98	34,014	10.93
Freeport, Texas	0	--	0	--	14,742	5.74	10,987	6.89	0	--
Sabine Pass, Louisiana	16,731	6.51	16,532	4.54	31,152	5.28	31,594	6.70	62,999	10.79
LNG (Thailand)	0	--	6,635	6.12	32,622	4.80	14,548	5.69	25,988	15.94
Cameron, Louisiana	0	--	0	--	0	--	0	--	3,380	W
Corpus Christi, Texas	0	--	0	--	0	--	3,706	W	0	--
Cove Point, Maryland	0	--	3,401	W	0	--	0	--	3,490	W
Freeport, Texas	0	--	0	--	11,313	4.28	7,160	7.35	3,539	W
Sabine Pass, Louisiana	0	--	3,234	W	21,309	5.09	3,683	W	15,579	11.85
LNG (Turkiye)	23,205	5.38	30,611	5.13	123,957	5.48	188,849	8.98	192,067	11.09
Cameron, Louisiana	0	--	3,653	W	10,155	5.59	21,989	7.84	26,745	10.08
Corpus Christi, Texas	0	--	3,528	W	13,316	3.90	41,868	11.18	24,551	14.29
Cove Point, Maryland	3,186	8.79	0	--	22,382	5.85	18,662	8.77	17,006	10.12
Elba Island, Georgia	0	--	0	--	2,975	W	3,365	W	3,589	W
Freeport, Texas	0	--	0	--	17,304	5.97	33,783	7.74	33,215	9.31
Sabine Pass, Louisiana	20,019	4.84	23,430	5.31	57,824	5.39	69,181	8.71	86,962	11.43
LNG (United Arab Emirates)	3,638	3.46	20,561	3.99	10,110	5.91	0	--	0	--
Cameron, Louisiana	0	--	0	--	6,636	6.25	0	--	0	--
Freeport, Texas	0	--	3,325	W	0	--	0	--	0	--
Sabine Pass, Louisiana	3,638	3.46	17,236	4.14	3,474	W	0	--	0	--
LNG (United Kingdom)	51,297	5.77	118,662	5.33	160,199	5.78	195,046	7.79	464,462	12.06
Cameron, Louisiana	0	--	10,203	5.85	6,636	6.87	17,932	7.62	136,116	15.33
Corpus Christi, Texas	3,142	6.87	25,113	4.81	38,232	5.32	24,383	7.15	79,011	10.93
Cove Point, Maryland	6,128	6.36	16,799	6.71	10,424	7.03	19,668	7.29	27,446	11.52
Elba Island, Georgia	0	--	0	--	9,724	6.74	3,185	W	11,436	11.88
Freeport, Texas	0	--	6,927	3.59	14,301	5.71	42,932	8.87	24,943	8.82
Sabine Pass, Louisiana	42,027	5.61	59,619	5.27	80,881	5.64	86,946	7.53	185,510	10.68
Total LNG	1,083,118	5.20	1,819,547	5.21	2,389,963	5.64	3,560,818	7.62	3,865,643	12.24
LNG (by exit)										
Babb, Montana	*	19.21	0	--	0	--	0	--	0	--
Calais, Maine	14	14.05	0	--	0	--	0	--	0	--
Calexico, California	0	--	0	--	0	--	0	--	4	18.38
Cameron, Louisiana	0	--	82,876	6.90	382,405	6.56	602,807	7.69	978,237	15.51
Corpus Christi, Texas	6,864	7.27	312,501	4.64	395,841	4.88	712,224	8.06	753,285	12.26
Cove Point, Maryland	143,134	7.61	227,552	7.12	233,102	6.59	234,236	8.06	245,914	11.03
Doral, Florida	4	10.39	0	--	0	--	0	--	0	--
El Paso, Texas	0	--	0	--	0	--	0	--	1	7.87
Elba Island, Georgia	0	--	3,400	10.46	36,277	6.78	84,442	7.38	108,437	11.03
Fort Lauderdale, Florida	307	10.39	409	10.39	616	10.39	1,141	10.39	2,059	10.39
Freeport, Texas	0	--	49,019	3.98	413,988	5.68	683,898	7.58	301,008	9.81
Jacksonville, Florida	0	--	0	--	0	--	5	10.80	1	10.79
Laredo, Texas	548	8.38	1,018	8.93	498	7.34	1,061	11.05	1,478	13.06
Miami, Florida	0	--	0	--	0	--	3	10.80	46	10.80
Newark, New Jersey	0	--	0	--	0	--	0	--	1	17.98
Niagara Falls, New York	0	--	0	--	8	9.99	128	12.47	76	16.95
Nogales, Arizona	35	10.45	64	11.72	305	9.61	184	13.64	69	17.39
Noonan-Estevan, North Dakota	0	--	1	6.84	0	--	0	--	0	--
Otay Mesa, California	5	9.93	24	10.61	17	8.07	6	9.13	0	--
Portal, North Dakota	5	8.86	25	9.43	2	7.70	0	--	0	--
Sabine Pass, Louisiana	932,202	4.81	1,142,660	4.89	926,901	5.28	1,240,684	7.29	1,475,029	10.86
San Luis, Arizona	0	--	0	--	1	10.95	0	--	0	--
CNG (Canada)										
Buffalo, New York	0	--	4	2.73	0	--	0	--	0	--
Calais, Maine	223	4.69	258	4.00	386	2.55	211	4.13	0	--
Grand Portage, Minnesota	0	--	*	1.35	0	--	0	--	0	--
Sweetgrass, Montana	0	--	*	2.06	*	1.03	0	--	2	3.09
Total CNG	223	4.69	263	3.98	386	2.55	211	4.13	2	3.09
Total exports	3,607,841	3.89	4,657,657	3.64	5,284,678	3.70	6,652,609	6.38	6,903,902	9.64

* Volume is less than 500,000 cubic feet.

-- Not applicable.

W Withheld.

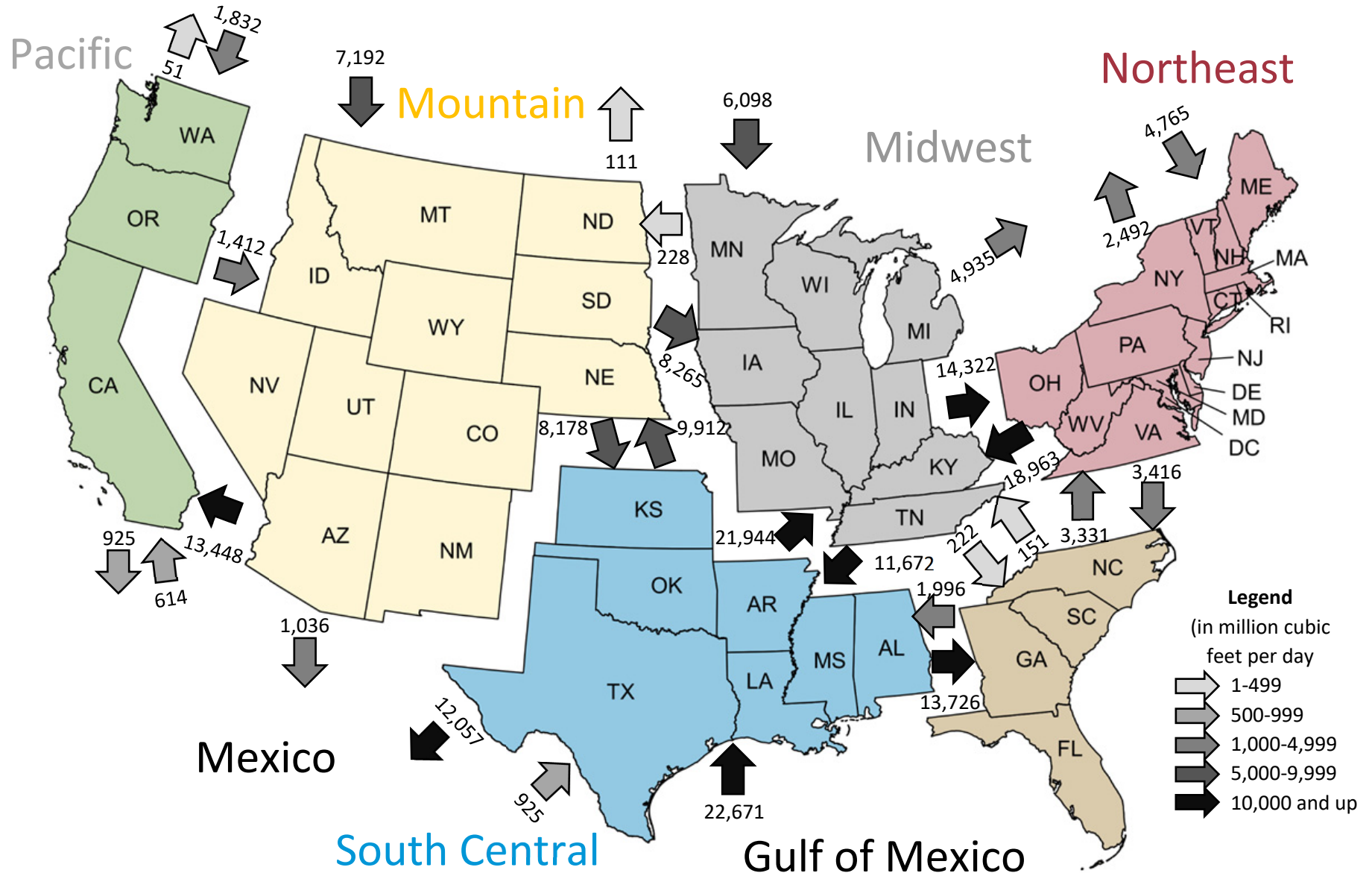
Source: Office of Fossil Energy and Carbon Management, U.S. Department of Energy, *Natural Gas Imports and Exports*.

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, 2022

million cubic feet per day



Source: Energy Information Administration (EIA), public press releases, and state and federal agencies' websites (e.g., Federal Energy Regulatory Commission).

Table 11. Interstate movements and movements across U.S. borders of natural gas by state, 2022

million cubic feet

State	State, country, or region from/to	Volume		
		Receipts/ imports from	Deliveries/ exports to	Net ^a
Alabama				
	Florida	0	1,268,398	-1,268,398
	Georgia	0	1,787,273	-1,787,273
	Gulf of Mexico	120,226	0	120,226
	Indiana	0	1	-1
	Kentucky	0	5	-5
	Louisiana	0	57	-57
	Mississippi	3,594,304	965,241	2,629,063
	North Carolina	0	59	-59
	South Carolina	0	88	-88
	Tennessee	1,029,117	807	1,028,310
	Texas	0	5	-5
	Total	4,743,647	4,021,934	721,713
Alaska				
	Canada	35	0	35
	Total	35	0	35
Arizona				
	California	131,616	921,964	-790,348
	Colorado	37	1	36
	Mexico	2,811	69,412	-66,601
	New Mexico	1,337,943	11	1,337,932
	Wyoming	2	0	2
	Total	1,472,408	991,387	481,020
Arkansas				
	Louisiana	816,662	207,782	608,880
	Mississippi	101,009	968,078	-867,069
	Missouri	0	216,199	-216,199
	Oklahoma	365,935	0	365,935
	Texas	86,055	0	86,055
	Total	1,369,661	1,392,058	-22,397
California				
	Arizona	921,964	131,616	790,348
	Mexico	858	146,555	-145,697
	Nevada	519,463	45,998	473,466
	Oregon	679,507	0	679,507
	Texas	*	0	*
	Total	2,121,793	324,168	1,797,625
Colorado				
	Arizona	1	37	-36
	Idaho	0	2	-2
	Kansas	1,344	98,726	-97,382
	Mexico	0	122	-122
	Nebraska	352,596	371,587	-18,991
	Nevada	0	1	-1
	New Mexico	0	339,713	-339,713
	Oklahoma	0	63,375	-63,375
	Texas	0	1	-1
	Utah	8,620	114,432	-105,812
	Wyoming	347,480	758,905	-411,424
	Total	710,041	1,746,902	-1,036,861
Connecticut				
	Massachusetts	608	0	608
	New York	612,099	117,752	494,347
	Pennsylvania	4	0	4
	Rhode Island	0	227,293	-227,293
	Total	612,711	345,045	267,667
Delaware				
	Maryland	0	7,216	-7,216
	Pennsylvania	69,843	0	69,843
	Total	69,843	7,216	62,627
District of Columbia				
	Maryland	26,239	0	26,239
	Virginia	2,943	0	2,943
	Total	29,182	0	29,182

See footnotes at end of table.

State	State, country, or region from/to			Volume
		Receipts/ imports from	Deliveries/ exports to	Net ^a
Florida	Alabama	1,268,398	0	1,268,398
	Antigua and Barbuda	0	22	-22
	Bahamas	0	489	-489
	Barbados	0	92	-92
	Georgia	366,176	0	366,176
	Germany	0	1	-1
	Haiti	0	115	-115
	Jamaica	0	1,386	-1,386
	Louisiana	5	0	5
	Texas	2	0	2
	Total	1,634,580	2,105	1,632,475
Georgia	Alabama	1,787,273	0	1,787,273
	Brazil	0	3,692	-3,692
	Colombia	0	486	-486
	Croatia	0	5,213	-5,213
	Florida	0	366,176	-366,176
	France	0	20,636	-20,636
	Italy	0	6,811	-6,811
	Kuwait	0	2,537	-2,537
	Lithuania	0	5,829	-5,829
	Malta	0	5,273	-5,273
	Netherlands	0	29,578	-29,578
	Singapore	0	2,900	-2,900
	South Carolina	161,557	670,466	-508,909
	Spain	0	10,457	-10,457
	Tennessee	1,688	6,638	-4,950
	Turkiye	0	3,589	-3,589
	United Kingdom	0	11,436	-11,436
	Total	1,950,518	1,151,716	798,802
Gulf of Mexico	Alabama	0	120,226	-120,226
	Louisiana	0	351,204	-351,204
	Mississippi	0	148,121	-148,121
	Texas	0	69,063	-69,063
	Total	0	688,615	-688,615
Idaho	Canada	897,492	1	897,491
	Colorado	2	0	2
	Montana	0	6	-6
	Nevada	0	26,030	-26,030
	Oregon	54,250	0	54,250
	Utah	70,060	4	70,056
	Washington	10,962	900,184	-889,222
	Wyoming	70	0	70
	Total	1,032,838	926,225	106,613
Illinois	Indiana	488,793	697,473	-208,681
	Iowa	1,074,907	0	1,074,907
	Kentucky	74,928	0	74,928
	Missouri	456,705	25,895	430,810
	Wisconsin	0	453,477	-453,477
	Total	2,095,333	1,176,845	918,488
Indiana	Alabama	1	0	1
	Illinois	697,473	488,793	208,681
	Kentucky	187,799	154,987	32,812
	Michigan	166,687	397,856	-231,170
	Ohio	1,168,590	396,557	772,033
	Total	2,220,550	1,438,193	782,356
Iowa	Illinois	0	1,074,907	-1,074,907
	Minnesota	1,194,900	374,338	820,562
	Missouri	169,954	650	169,304
	Nebraska	606,617	0	606,617
	South Dakota	177	3,938	-3,762
	Total	1,971,649	1,453,833	517,816

See footnotes at end of table.

State	State, country, or region from/to	Volume		
		Receipts/ imports from	Deliveries/ exports to	Net ^a
Kansas				
	Colorado	98,726	1,344	97,382
	Missouri	0	492,278	-492,278
	Nebraska	148,629	606,098	-457,468
	Oklahoma	1,108,897	10,049	1,098,848
	Total	1,356,253	1,109,769	246,483
Kentucky				
	Alabama	5	0	5
	Illinois	0	74,928	-74,928
	Indiana	154,987	187,799	-32,812
	Ohio	1,061,469	37,844	1,023,626
	Tennessee	505,119	2,099,438	-1,594,319
	West Virginia	1,003,868	0	1,003,868
	Total	2,725,449	2,400,009	325,440
Louisiana				
	Alabama	57	0	57
	Argentina	0	46,147	-46,147
	Arkansas	207,782	816,662	-608,880
	Bangladesh	0	12,663	-12,663
	Belgium	0	61,875	-61,875
	Brazil	0	39,823	-39,823
	Chile	0	10,253	-10,253
	China	0	68,438	-68,438
	Colombia	0	5,217	-5,217
	Croatia	0	43,506	-43,506
	Dominican Republic	0	22,053	-22,053
	Finland	0	329	-329
	Florida	0	5	-5
	France	0	328,420	-328,420
	Greece	0	43,805	-43,805
	Germany	0	7,112	-7,112
	Gulf of Mexico	351,204	0	351,204
	India	0	67,440	-67,440
	Italy	0	66,251	-66,251
	Indonesia	0	3,758	-3,758
	Japan	0	142,554	-142,554
	Kuwait	0	43,467	-43,467
	Lithuania	0	46,092	-46,092
	Mexico	0	539	-539
	Mississippi	1,038,830	3,126,224	-2,087,394
	Netherlands	0	244,060	-244,060
	Ohio	166,069	0	166,069
	Pakistan	0	3,074	-3,074
	Panama	0	6,715	-6,715
	Poland	0	101,632	-101,632
	Portugal	0	24,439	-24,439
	Singapore	0	20,080	-20,080
	South Korea	0	227,938	-227,938
	Spain	0	238,567	-238,567
	Taiwan	0	72,725	-72,725
	Thailand	0	18,959	-18,959
	Texas	2,587,667	10,494	2,577,173
	Turkiye	0	113,707	-113,707
	United Kingdom	0	321,626	-321,626
	Total	4,351,610	6,406,651	-2,055,041
Maine				
	Canada	21,725	97,501	-75,776
	New Hampshire	124,739	52,739	72,000
	Total	146,464	150,239	-3,776
Maryland				
	Argentina	0	4,191	-4,191
	Belgium	0	3,509	-3,509
	China	0	681	-681
	Croatia	0	6,219	-6,219
	Delaware	7,216	0	7,216
	District of Columbia	0	26,239	-26,239
	France	0	29,317	-29,317

See footnotes at end of table.

State	State, country, or region from/to	Receipts/ imports from	Deliveries/ exports to	Volume Net ^a
Maryland (continued)				
	Greece	0	6,777	-6,777
	India	0	48,029	-48,029
	Indonesia	0	2,821	-2,821
	Italy	0	6,520	-6,520
	Japan	0	23,898	-23,898
	Kuwait	0	3,479	-3,479
	Lithuania	0	516	-516
	Netherlands	0	27,513	-27,513
	Pennsylvania	1,177,384	539	1,176,845
	Poland	0	351	-351
	South Korea	0	10,428	-10,428
	Spain	0	23,726	-23,726
	Thailand	0	3,490	-3,490
	Turkiye	0	17,006	-17,006
	United Kingdom	0	27,446	-27,446
	Virginia	394,620	1,015,620	-621,000
	Total	1,579,220	1,288,313	290,907
Massachusetts				
	Connecticut	0	608	-608
	New Hampshire	30,763	41,795	-11,032
	New York	260,400	0	260,400
	Rhode Island	181,333	39,621	141,712
	Trinidad/Tobago	23,869	0	23,869
	Total	496,365	82,025	414,340
Michigan				
	Canada	83,714	721,223	-637,509
	Indiana	397,856	166,687	231,170
	Ohio	1,249,627	0	1,249,627
	Wisconsin	456,482	112,897	343,584
	Total	2,187,680	1,000,807	1,186,873
Minnesota				
	Canada	649,102	5,047	644,055
	Iowa	374,338	1,194,900	-820,562
	North Dakota	508,879	15,071	493,808
	South Dakota	778,337	0	778,337
	Wisconsin	4,296	535,050	-530,755
	Total	2,314,952	1,750,069	564,883
Mississippi				
	Alabama	965,241	3,594,304	-2,629,063
	Arkansas	968,078	101,009	867,069
	Gulf of Mexico	148,121	0	148,121
	Louisiana	3,126,224	1,038,830	2,087,394
	Tennessee	775,253	597,098	178,156
	Texas	1	0	1
	Total	5,982,918	5,331,241	651,677
Missouri				
	Arkansas	216,199	0	216,199
	Illinois	25,895	456,705	-430,810
	Iowa	650	169,954	-169,304
	Kansas	492,278	0	492,278
	Nebraska	175,371	0	175,371
	Oklahoma	8,344	0	8,344
	Total	918,737	626,660	292,078
Montana				
	Canada	298,060	2	298,057
	Idaho	6	0	6
	North Dakota	21,125	257,874	-236,749
	Texas	1	0	1
	Wyoming	27,849	30,511	-2,663
	Total	347,040	288,388	58,652
Nebraska				
	Colorado	371,587	352,596	18,991
	Iowa	0	606,617	-606,617
	Kansas	606,098	148,629	457,468
	Missouri	0	175,371	-175,371
	South Dakota	0	21,117	-21,117
	Wyoming	377,294	0	377,294
	Total	1,354,978	1,304,331	50,647

See footnotes at end of table.

State	State, country, or region from/to			Volume
		Receipts/ imports from	Deliveries/ exports to	Net ^a
Nevada				
	California	45,998	519,463	-473,466
	Colorado	1	0	1
	Idaho	26,030	0	26,030
	Oregon	0	128,690	-128,690
	Utah	856,945	0	856,945
	Wyoming	36	0	36
	Total	929,011	648,153	280,857
New Hampshire				
	Canada	124,391	33	124,358
	Maine	52,739	124,739	-72,000
	Massachusetts	41,795	30,763	11,032
	Vermont	124,391	124,391	0
	Total	343,316	279,926	63,390
New Jersey				
	Barbados	0	1	-1
	New York	250,000	762,345	-512,345
	Pennsylvania	1,671,473	0	1,671,473
	Total	1,921,473	762,346	1,159,127
New Mexico				
	Arizona	11	1,337,943	-1,337,932
	Colorado	339,713	0	339,713
	Texas	213,370	569,525	-356,154
	Total	553,094	1,907,468	-1,354,373
New York				
	Canada	214,064	264,523	-50,459
	Connecticut	117,752	612,099	-494,347
	Massachusetts	0	260,400	-260,400
	New Jersey	762,345	250,000	512,345
	Pennsylvania	1,113,137	40,582	1,072,555
	Total	2,207,298	1,427,603	779,695
North Carolina				
	Alabama	59	0	59
	South Carolina	205,194	0	205,194
	Virginia	564,321	0	564,321
	Total	769,574	0	769,574
North Dakota				
	Canada	486,081	669	485,412
	Minnesota	15,071	508,879	-493,808
	Montana	257,874	21,125	236,749
	South Dakota	0	837,936	-837,936
	Total	759,026	1,368,609	-609,583
Ohio				
	Indiana	396,557	1,168,590	-772,033
	Kentucky	37,844	1,061,469	-1,023,626
	Louisiana	0	166,069	-166,069
	Michigan	0	1,249,627	-1,249,627
	Pennsylvania	1,473,423	52	1,473,371
	West Virginia	1,046,633	0	1,046,633
	Total	2,954,457	3,645,808	-691,351
Oklahoma				
	Arkansas	0	365,935	-365,935
	Colorado	63,375	0	63,375
	Kansas	10,049	1,108,897	-1,098,848
	Missouri	0	8,344	-8,344
	Texas	610,023	814,121	-204,098
	Total	683,448	2,297,297	-1,613,850
Oregon				
	California	0	679,507	-679,507
	Idaho	0	54,250	-54,250
	Nevada	128,690	0	128,690
	Washington	901,494	32,873	868,621
	Total	1,030,184	766,631	263,553

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	4	-4
	Delaware	0	69,843	-69,843
	Maryland	539	1,177,384	-1,176,845
	New Jersey	0	1,671,473	-1,671,473
	New York	40,582	1,113,137	-1,072,555
	Ohio	52	1,473,423	-1,473,371
	West Virginia	418,296	617,126	-198,831
	Total	459,468	6,122,390	-5,662,922
Rhode Island				
	Connecticut	227,293	0	227,293
	Massachusetts	39,621	181,333	-141,712
	Total	266,914	181,333	85,581
South Carolina				
	Alabama	88	0	88
	Georgia	670,466	161,557	508,909
	North Carolina	0	205,194	-205,194
	Total	670,554	366,750	303,803
South Dakota				
	Iowa	3,938	177	3,762
	Minnesota	0	778,337	-778,337
	Nebraska	21,117	0	21,117
	North Dakota	837,936	0	837,936
	Wyoming	7,187	1,036	6,151
	Total	870,179	779,550	90,629
Tennessee				
	Alabama	807	1,029,117	-1,028,310
	Georgia	6,638	1,688	4,950
	Kentucky	2,099,438	505,119	1,594,319
	Mississippi	597,098	775,253	-178,156
	Virginia	42,988	0	42,988
	Total	2,746,968	2,311,177	435,791
Texas				
	Alabama	5	0	5
	Argentina	0	16,602	-16,602
	Arkansas	0	86,055	-86,055
	Belgium	0	14,861	-14,861
	Brazil	0	28,483	-28,483
	California	0	*	*
	Chile	0	19,877	-19,877
	China	0	27,541	-27,541
	Colorado	1	0	1
	Croatia	0	22,348	-22,348
	Dominican Republic	0	28,770	-28,770
	Florida	0	2	-2
	France	0	193,026	-193,026
	Greece	0	18,448	-18,448
	Gulf of Mexico	69,063	0	69,063
	India	0	7,048	-7,048
	Italy	0	36,452	-36,452
	Jamaica	0	130	-130
	Japan	0	42,769	-42,769
	Kuwait	0	7,536	-7,536
	Lithuania	0	24,776	-24,776
	Louisiana	10,494	2,587,667	-2,577,173
	Mexico	1,383	1,883,586	-1,882,203
	Mississippi	0	1	-1
	Montana	0	1	-1
	Netherlands	0	77,178	-77,178
	New Mexico	569,525	213,370	356,154
	Oklahoma	814,121	610,023	204,098
	Panama	0	7,044	-7,044
	Poland	0	25,420	-25,420
	Portugal	0	45,144	-45,144
	South Korea	0	54,366	-54,366

See footnotes at end of table.

State	State, country, or region from/to			Volume
		Receipts/ imports from	Deliveries/ exports to	Net ^a
Texas (continued)				
	Spain	0	153,908	-153,908
	Taiwan	0	34,014	-34,014
	Thailand	0	3,539	-3,539
	Turkiye	0	57,765	-57,765
	United Kingdom	0	103,954	-103,954
	Utah	0	*	*
	Total	1,464,592	6,431,705	-4,967,113
Utah				
	Colorado	114,432	8,620	105,812
	Idaho	4	70,060	-70,056
	Nevada	0	856,945	-856,945
	Texas	*	0	*
	Wyoming	1,007,148	134,403	872,745
	Total	1,121,585	1,070,028	51,556
Vermont				
	Canada	14,744	0	14,744
	New Hampshire	124,391	124,391	0
	Total	139,135	124,391	14,744
Virginia				
	District of Columbia	0	2,943	-2,943
	Maryland	1,015,620	394,620	621,000
	North Carolina	0	564,321	-564,321
	Tennessee	0	42,988	-42,988
	West Virginia	517,507	0	517,507
	Total	1,533,127	1,004,872	528,256
Washington				
	Canada	448,757	6,790	441,967
	Idaho	900,184	10,962	889,222
	Oregon	32,873	901,494	-868,621
	Total	1,381,814	919,247	462,568
West Virginia				
	Kentucky	0	1,003,868	-1,003,868
	Ohio	0	1,046,633	-1,046,633
	Pennsylvania	617,126	418,296	198,831
	Virginia	0	517,507	-517,507
	Total	617,126	2,986,304	-2,369,178
Wisconsin				
	Illinois	453,477	0	453,477
	Michigan	112,897	456,482	-343,584
	Minnesota	535,050	4,296	530,755
	Total	1,101,424	460,778	640,647
Wyoming				
	Arizona	0	2	-2
	Colorado	758,905	347,480	411,424
	Idaho	0	70	-70
	Montana	30,511	27,849	2,663
	Nebraska	0	377,294	-377,294
	Nevada	0	36	-36
	South Dakota	1,036	7,187	-6,151
	Utah	134,403	1,007,148	-872,745
	Total	924,855	1,767,067	-842,211
Total Natural Gas Movements		71,245,077	75,034,178	-3,789,101
Movements Across U.S. Borders		3,267,087	7,056,188	-3,789,101
U.S. Interstate Movements		67,977,990	67,977,990	0

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

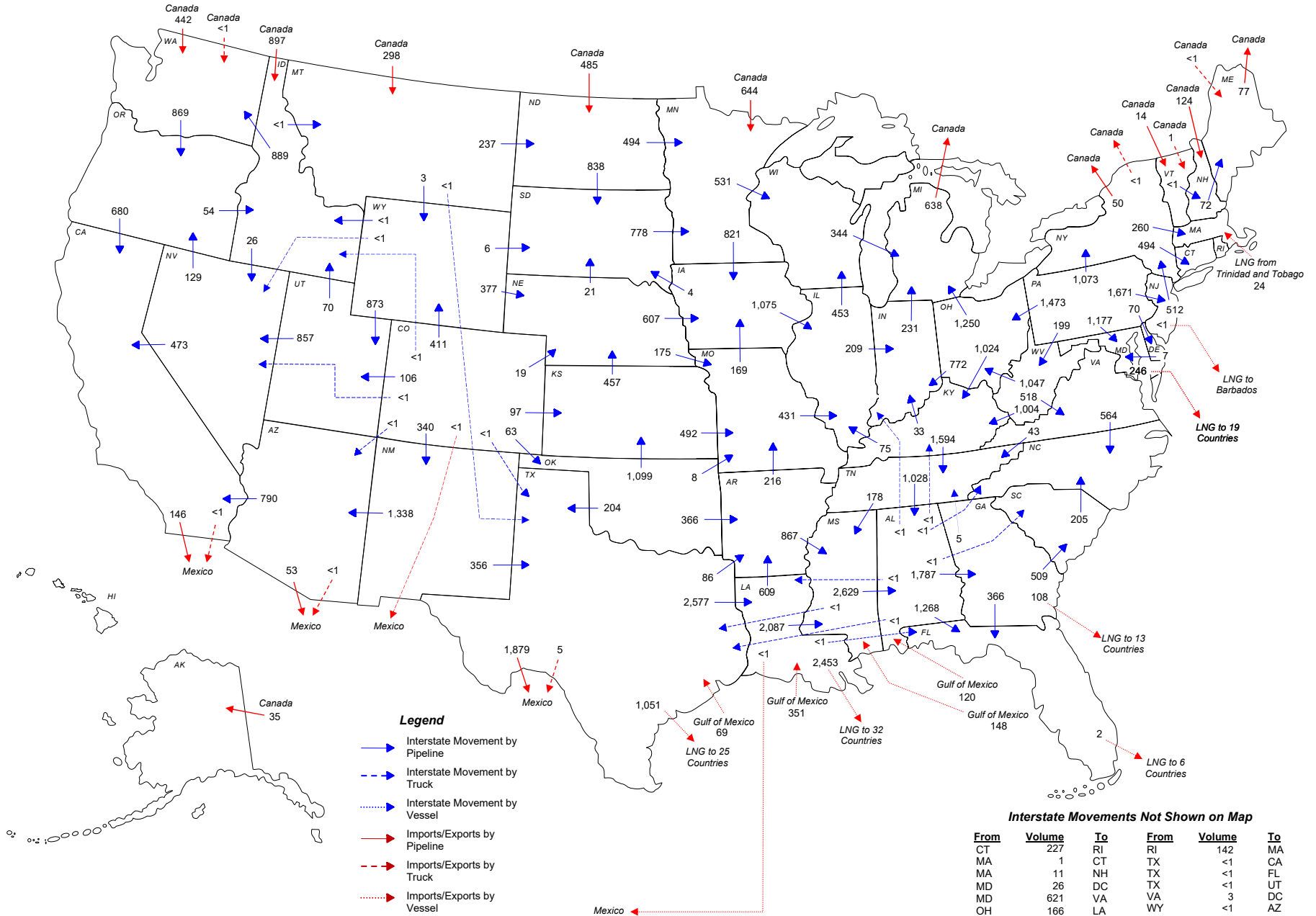
* Volume is less than 500,000 cubic feet.

Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*, 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, 2022

billions 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; 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, 2022

million cubic feet

State	Underground storage			LNG storage		Net change in storage	
	Injections	Withdrawals	Net	Additions	Withdrawals		
Alabama	28,912	35,191	-6,278	511	926	-415	-6,693
Alaska	14,639	10,656	3,982	0	0	0	3,982
Arkansas	5,883	6,658	-776	0	0	0	-776
California	150,795	199,235	-48,440	39	38	1	-48,439
Colorado	63,453	64,559	-1,105	0	0	0	-1,105
Connecticut	0	0	0	700	1,546	-847	-847
Delaware	0	0	0	83	96	-13	-13
Georgia	0	0	0	3,581	3,062	519	519
Idaho	0	0	0	967	127	840	840
Illinois	238,039	248,455	-10,416	*	379	-379	-10,795
Indiana	19,747	23,612	-3,865	302	701	-398	-4,263
Iowa	63,871	67,568	-3,696	2,581	3,473	-892	-4,588
Kansas	115,114	129,482	-14,368	0	0	0	-14,368
Kentucky	91,584	92,493	-909	0	0	0	-909
Louisiana	536,378	565,499	-29,121	0	0	0	-29,121
Maine	0	0	0	45	45	1	1
Maryland	18,263	19,286	-1,023	635	617	18	-1,004
Massachusetts	0	0	0	6,260	6,269	-8	-8
Michigan	510,703	546,234	-35,531	0	0	0	-35,531
Minnesota	1,471	1,560	-89	1,664	1,794	-130	-219
Mississippi	253,075	279,570	-26,496	0	0	0	-26,496
Missouri	2,573	3,238	-665	0	0	0	-665
Montana	32,515	30,784	1,731	0	0	0	1,731
Nebraska	8,042	9,936	-1,894	254	189	65	-1,829
Nevada	0	0	0	91	165	-74	-74
New Hampshire	0	0	0	368	367	*	*
New Jersey	0	0	0	5,741	4,607	1,135	1,135
New Mexico	17,349	19,964	-2,615	0	0	0	-2,615
New York	79,893	85,015	-5,122	700	991	-291	-5,412
North Carolina	0	0	0	8,680	9,678	-998	-998
Ohio	163,556	170,540	-6,984	0	0	0	-6,984
Oklahoma	154,905	161,885	-6,980	0	0	0	-6,980
Oregon	21,566	22,794	-1,228	776	763	13	-1,215
Pennsylvania	423,387	437,051	-13,664	7,183	9,174	-1,991	-15,655
Rhode Island	0	0	0	319	319	*	*
South Carolina	0	0	0	1,219	1,771	-551	-551
Tennessee	275	385	-110	6,623	5,710	913	803
Texas	571,982	589,638	-17,656	3,611	3,300	311	-17,345
Utah	43,487	51,999	-8,512	0	0	0	-8,512
Virginia	9,633	10,294	-660	1,086	1,312	-226	-887
Washington	31,917	34,641	-2,724	2,930	3,174	-244	-2,968
West Virginia	197,094	225,289	-28,196	0	0	0	-28,196
Wisconsin	0	0	0	71	142	-72	-72
Wyoming	27,711	31,121	-3,410	0	0	0	-3,410
Total	3,897,816	4,174,634	-276,818	57,020	60,734	-3,715	-280,533

* 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.

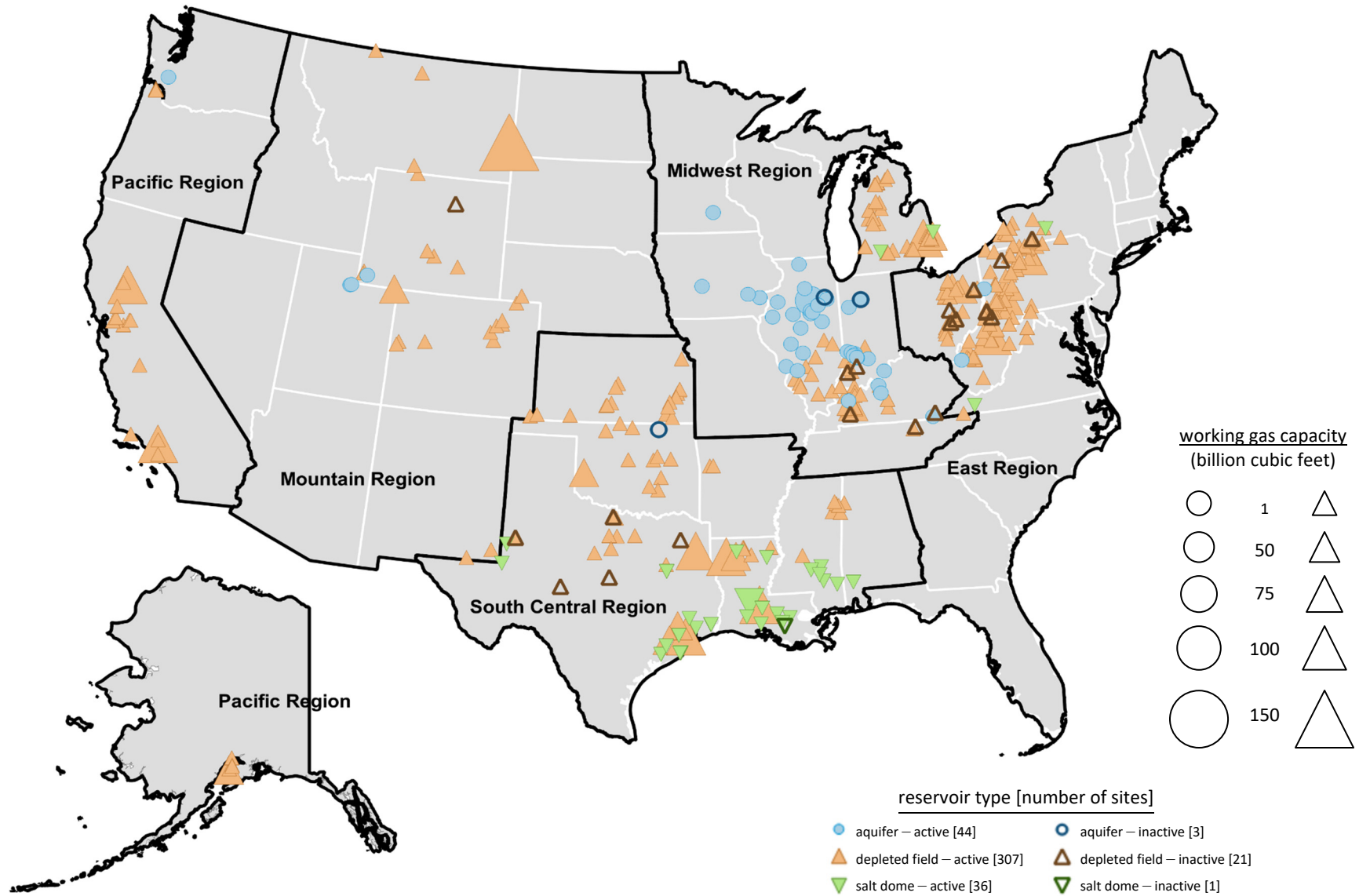
Table 13. Underground natural gas storage capacity by state, December 31, 2022
million cubic feet

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	72,959	141,407	10	72,959	141,407
Illinois	0	0	0	17	250,505	908,331	11	53,308	110,439	28	303,813	1,018,770
Indiana	0	0	0	12	19,241	80,230	11	13,033	33,307	23	32,274	113,537
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	152,613	218,313	0	0	0	8	301,511	520,900	19	454,124	739,213
Maryland	0	0	0	0	0	0	1	18,300	64,000	1	18,300	64,000
Michigan	2	2,161	3,835	0	0	0	42	681,640	1,067,745	44	683,801	1,071,580
Minnesota	0	0	0	1	2,000	7,000	0	0	0	1	2,000	7,000
Mississippi	5	132,616	183,405	0	0	0	6	68,911	147,100	11	201,527	330,504
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	123,649	240,451	26	125,099	242,791
Ohio	0	0	0	0	0	0	24	242,057	575,109	24	242,057	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	21,550	36,459	8	21,550	36,459
Pennsylvania	0	0	0	1	938	2,676	48	425,388	760,629	49	426,326	763,306
Tennessee	0	0	0	0	0	0	2	1,800	2,400	2	1,800	2,400
Texas	17	172,847	264,464	0	0	0	19	378,958	595,804	36	551,806	860,268
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	269,537	532,975	31	269,603	533,175
Wyoming	0	0	0	1	836	6,705	7	73,461	149,290	8	74,297	155,995
Total	38	487,168	708,117	46	402,407	1,372,943	328	3,901,394	7,187,601	412	4,790,969	9,268,661

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, 2022

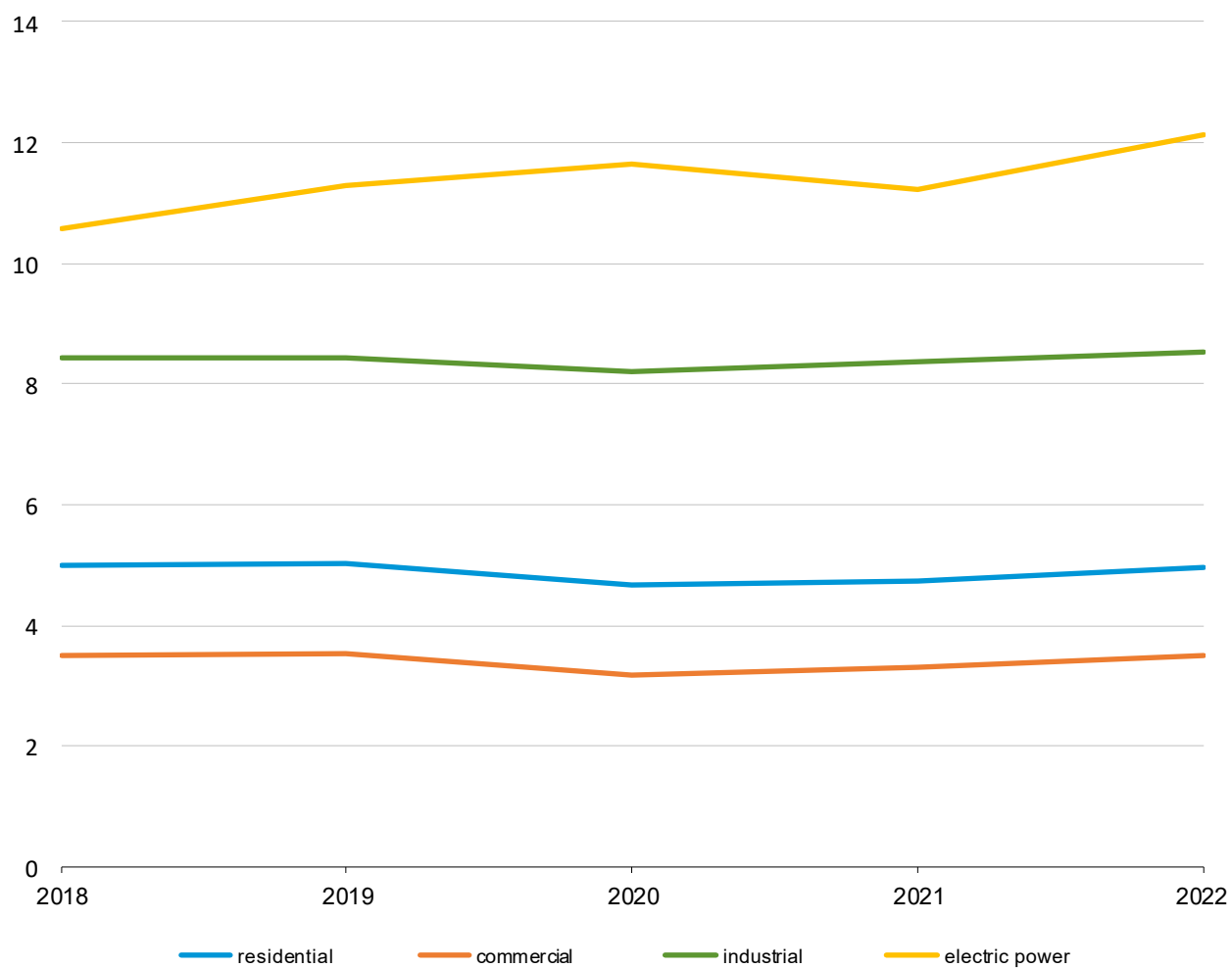


Source: U.S. Energy Information Administration (EIA), Form EIA-191, *Monthly Underground Gas Storage Report*. Field locations are based on county centroids.

Natural gas consumption

Figure 14. Natural gas delivered to consumers in the United States, 2018-2022

trillion cubic feet



Sources: 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, 2018-2022

million cubic feet

Year and state/district	Delivered to consumers	Lease fuel ^a	Plant fuel	Pipeline and distribution use ^b	Total consumption
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 27,730,961	^R 1,332,331	518,913	^R 1,020,360	^R 30,602,565
2021 Total	^R 27,663,493	^R 1,370,084	^R 480,658	^R 1,131,472	^R 30,645,707
2022 Total	29,193,090	1,395,613	487,189	1,212,338	32,288,230
Alabama	726,497	€5,652	5,012	29,677	766,838
Alaska	120,531	262,589	61,144	461	444,725
Arizona	438,548	14	0	15,935	454,497
Arkansas	379,448	€2,497	260	5,644	387,849
California	2,001,832	31,658	2,069	20,709	2,056,267
Colorado	423,428	€35,510	36,068	8,508	503,514
Connecticut	291,344	0	0	5,909	297,253
Delaware	84,940	0	0	871	85,811
District of Columbia	27,663	0	0	1,518	29,182
Florida	1,605,299	NA	218	17,200	1,622,717
Georgia	773,395	0	0	11,072	784,466
Gulf of Mexico	0	81,718	0	0	81,718
Hawaii	2,993	0	0	0	2,993
Idaho	132,388	*	0	7,467	139,855
Illinois	1,132,741	86	5,825	18,898	1,157,550
Indiana	863,829	€230	0	9,502	873,561
Iowa	423,253	0	0	8,079	431,332
Kansas	284,575	€8,132	923	13,921	307,551
Kentucky	354,727	€5,131	252	25,892	386,001
Louisiana	1,602,245	62,606	13,846	280,991	1,959,688
Maine	57,110	0	0	1,884	58,994
Maryland	272,064	0	0	28,998	301,062
Massachusetts	415,148	0	0	8,364	423,512
Michigan	990,324	€3,894	701	27,678	1,022,598
Minnesota	507,275	0	0	16,329	523,604
Mississippi	562,376	€997	668	37,995	602,036
Missouri	302,012	0	0	4,578	306,590
Montana	83,090	€2,479	696	2,506	88,771
Nebraska	181,956	€53	0	4,751	186,760
Nevada	287,223	€4	0	3,503	290,730
New Hampshire	58,034	0	0	102	58,135
New Jersey	719,998	0	0	7,344	727,341
New Mexico	166,503	72,615	40,758	11,495	291,371
New York	1,316,741	€156	0	39,732	1,356,629
North Carolina	714,110	0	0	5,897	720,007
North Dakota	84,798	€47,911	20,523	34,870	188,102
Ohio	1,255,234	€15,715	2,038	52,575	1,325,562
Oklahoma	611,600	€60,808	46,125	42,038	760,571
Oregon	270,445	€1	0	8,819	279,264
Pennsylvania	1,538,680	€262,891	6,500	54,723	1,862,795
Rhode Island	95,458	0	0	2,958	98,416
South Carolina	348,327	0	0	2,512	350,839
South Dakota	87,438	9	0	6,203	93,650
Tennessee	409,318	€181	110	17,129	426,738
Texas	4,190,996	€267,633	202,482	214,624	4,875,735
Utah	244,561	14,193	3,375	11,810	273,938
Vermont	13,479	0	0	2	13,481
Virginia	627,600	€5,074	0	13,917	646,591
Washington	337,672	0	0	17,153	354,826
West Virginia	103,593	€113,904	12,588	33,102	263,187
Wisconsin	575,640	0	0	3,984	579,624
Wyoming	94,611	31,276	25,008	12,510	163,405

^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.

* Volume is less than 500,000 cubic feet.

^E 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-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, 2018-2022, and by state and sector, 2022

Year and state/district	Residential		Commercial		Industrial	
	Volume (million cubic feet)	Consumers (million cubic feet)	Volume (million cubic feet)	Consumers (million cubic feet)	Consumers	
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	R4,674,456	R71,540,659	R3,162,664	R5,627,762	R8,212,977	R184,466
2021 Total	R4,716,658	R71,951,957	R3,289,076	R5,613,615	R8,374,672	R182,207
2022 Total	4,964,165	72,518,520	3,509,075	5,619,484	8,536,882	181,947
Alabama	30,420	788,589	25,776	69,984	212,943	3,601
Alaska	20,200	140,050	16,051	14,309	57,799	7
Arizona	42,164	1,358,116	35,636	59,335	19,489	380
Arkansas	31,369	566,288	55,316	69,702	105,072	887
California	432,636	11,280,329	246,624	444,538	651,305	34,860
Colorado	142,366	1,891,533	61,795	155,259	91,392	9,683
Connecticut	50,745	588,711	55,112	62,951	21,640	2,822
Delaware	11,941	196,523	10,902	14,625	31,367	153
District of Columbia	11,884	155,638	15,489	9,979	0	0
Florida	18,919	881,110	63,404	73,725	123,938	508
Georgia	134,256	1,893,058	55,326	126,358	154,697	2,811
Hawaii	599	28,916	2,304	2,933	91	5
Idaho	35,976	454,531	23,158	45,170	39,071	438
Illinois	424,291	3,979,278	244,499	299,207	265,085	22,838
Indiana	143,573	1,831,536	95,815	166,132	388,827	4,695
Iowa	70,902	958,440	58,074	103,364	246,115	1,586
Kansas	65,343	887,534	45,969	86,997	142,391	7,703
Kentucky	49,821	789,333	38,492	88,412	128,981	1,957
Louisiana	35,485	924,251	31,790	58,897	1,169,168	857
Maine	3,058	35,593	9,342	12,524	20,668	171
Maryland	82,532	1,200,132	73,916	79,177	16,190	1,146
Massachusetts	131,543	1,790,157	116,725	164,459	47,687	11,823
Michigan	328,712	3,113,126	179,274	238,802	167,907	5,491
Minnesota	150,660	1,624,186	119,447	144,482	153,419	2,004
Mississippi	22,398	430,784	20,103	47,222	143,486	841
Missouri	103,642	1,450,087	65,972	116,436	64,874	3,020
Montana	23,261	290,199	27,067	39,543	25,655	340
Nebraska	39,407	555,618	32,708	62,106	98,156	5,624
Nevada	47,112	936,598	32,766	47,265	18,403	228
New Hampshire	7,426	114,313	9,346	19,657	9,267	191
New Jersey	238,448	2,930,232	153,826	250,345	76,610	6,642
New Mexico	36,622	610,898	27,723	51,309	13,507	470
New York	449,772	4,588,842	303,870	419,788	88,541	6,089
North Carolina	71,983	1,389,857	58,844	133,444	122,860	2,681
North Dakota	13,979	154,050	17,118	24,599	39,492	273
Ohio	292,734	3,479,692	181,627	266,732	311,998	5,673
Oklahoma	61,185	978,091	45,316	98,694	212,415	3,224
Oregon	49,034	796,325	32,634	84,185	56,406	1,189
Pennsylvania	237,370	2,881,739	166,769	252,140	253,189	4,417
Rhode Island	18,224	247,508	11,127	24,636	8,370	282
South Carolina	33,460	783,826	25,986	61,868	99,186	1,467
South Dakota	14,579	205,119	13,168	26,957	50,199	548
Tennessee	72,863	1,223,216	60,494	139,275	152,133	2,601
Texas	232,684	5,097,533	196,649	338,364	1,962,995	6,261
Utah	78,791	1,056,629	47,600	73,119	38,179	376
Vermont	3,915	48,791	7,353	6,216	2,170	14
Virginia	84,255	1,291,945	74,390	104,132	108,304	981
Washington	93,930	1,271,260	63,093	108,368	80,040	3,295
West Virginia	25,049	336,562	23,664	34,783	37,198	686
Wisconsin	149,214	1,839,813	116,649	175,063	150,232	8,025
Wyoming	13,434	172,035	12,977	21,917	57,776	83

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)
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	49,141	11,631,723	^R 27,730,961	1,037
2021 Total	^R 54,500	^R 11,228,587	^R 27,663,493	1,037
2022 Total	64,994	12,117,975	29,193,090	1,036
Alabama	95	457,264	726,497	1,031
Alaska	4	26,476	120,531	984
Arizona	2,114	339,145	438,548	1,031
Arkansas	89	187,603	379,448	1,022
California	28,523	642,745	2,001,832	1,035
Colorado	858	127,017	423,428	1,054
Connecticut	225	163,623	291,344	1,030
Delaware	0	30,729	84,940	1,033
District of Columbia	291	--	27,663	1,034
Florida	6,376	1,392,662	1,605,299	1,025
Georgia	1,444	427,672	773,395	1,029
Hawaii	0	--	2,993	917
Idaho	71	34,112	132,388	1,024
Illinois	75	198,792	1,132,741	1,043
Indiana	1,624	233,990	863,829	1,052
Iowa	10	48,152	423,253	1,067
Kansas	1,306	29,566	284,575	1,033
Kentucky	18	137,415	354,727	1,048
Louisiana	345	365,456	1,602,245	1,019
Maine	*	24,042	57,110	1,043
Maryland	319	99,108	272,064	1,039
Massachusetts	114	119,079	415,148	1,030
Michigan	1,070	313,362	990,324	1,057
Minnesota	560	83,188	507,275	1,054
Mississippi	15	376,374	562,376	1,029
Missouri	146	67,379	302,012	1,022
Montana	*	7,106	83,090	1,051
Nebraska	513	11,171	181,956	1,057
Nevada	1,185	187,758	287,223	1,042
New Hampshire	12	31,983	58,034	1,034
New Jersey	620	250,494	719,998	1,038
New Mexico	402	88,248	166,503	1,031
New York	2,347	472,210	1,316,741	1,032
North Carolina	1,687	458,736	714,110	1,031
North Dakota	*	14,210	84,798	1,058
Ohio	2,521	466,353	1,255,234	1,066
Oklahoma	2,281	290,403	611,600	1,034
Oregon	15	132,356	270,445	1,066
Pennsylvania	3,091	878,261	1,538,680	1,037
Rhode Island	101	57,636	95,458	1,030
South Carolina	98	189,598	348,327	1,030
South Dakota	0	9,492	87,438	1,076
Tennessee	1,456	122,371	409,318	1,029
Texas	1,272	1,797,397	4,190,996	1,019
Utah	325	79,666	244,561	1,045
Vermont	33	8	13,479	1,042
Virginia	675	359,975	627,600	1,049
Washington	226	100,384	337,672	1,088
West Virginia	4	17,677	103,593	1,086
Wisconsin	420	159,125	575,640	1,046
Wyoming	16	10,408	94,611	1,058

^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.

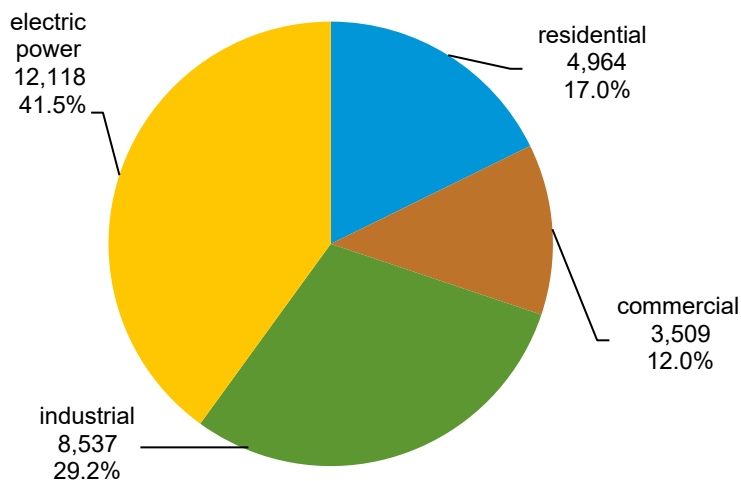
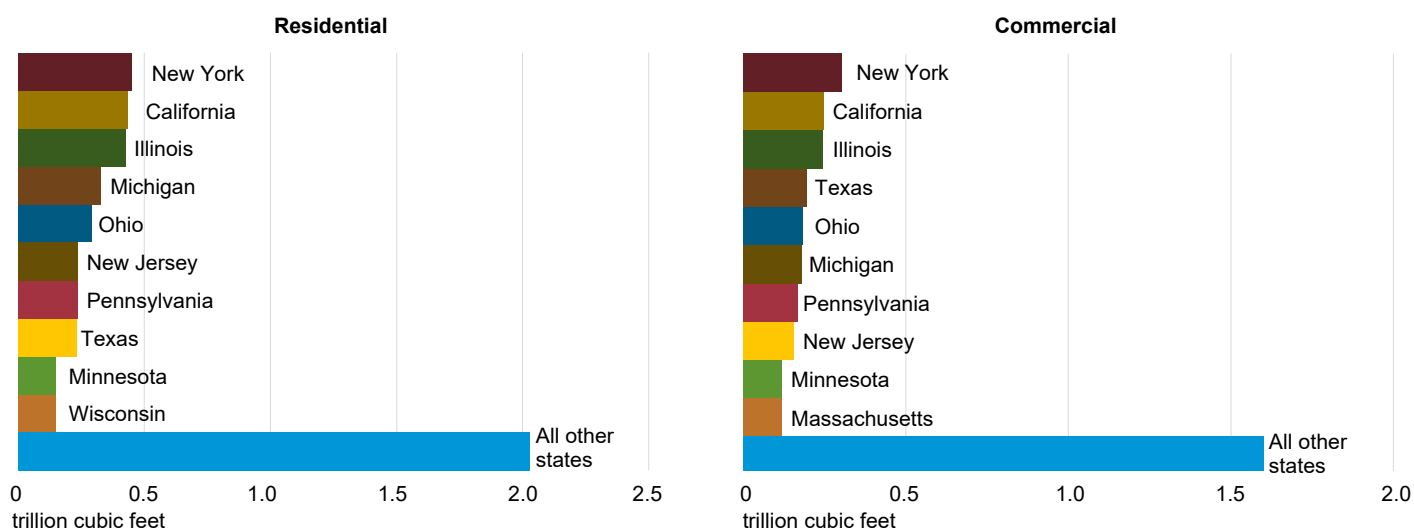
-- Not applicable.

^R Revised data.

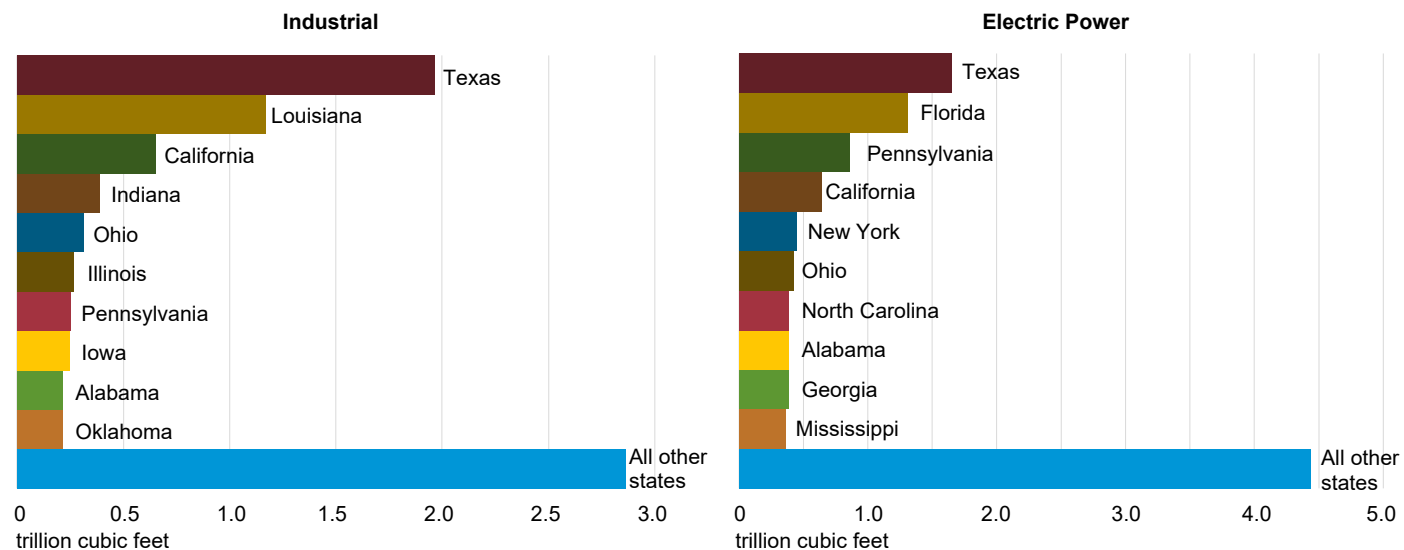
Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*; Form EIA-886, *Annual Survey of Alternative Fueled Vehicles* (2017); Form EIA-923, *Power Plant Operations Report*; and EIA estimates based on historical data.

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, 2022



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 2022 was 64,994 million cubic feet.

Table 16. Natural gas delivered to residential consumers on behalf of other companies by state, 2018-2022
volumes in million cubic feet

State or district	2018		2019		2020		2021		2022	
	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	<	3	<
Arkansas	0	--	0	--	0	--	0	--	0	--
California	21,713	5.1	23,133	5.0	20,838	4.5	19,323	4.3	18,138	4.2
Colorado	3	<	3	<	3	<	3	<	0	--
Connecticut	1,988	3.7	1,947	3.7	1,829	3.8	1,846	3.7	1,786	3.5
Delaware	0	--	0	--	0	--	0	--	0	--
District of Columbia	3,200	24.4	2,953	24.5	2,933	26.1	2,942	25.5	3,032	25.5
Florida	1,419	8.3	1,447	8.7	1,372	7.9	1,514	7.8	1,477	7.8
Georgia	115,776	87.0	107,253	87.1	104,450	87.2	109,756	86.6	117,984	87.9
Idaho	0	--	0	--	0	--	0	--	0	--
Illinois	57,561	13.1	54,632	12.5	46,604	11.8	41,899	10.8	45,661	10.8
Indiana	5,722	4.0	5,291	3.7	4,821	3.6	4,799	3.7	5,034	3.5
Iowa	0	--	0	--	0	--	0	--	0	--
Kansas	9	<	8	<	7	<	8	<	8	<
Kentucky	1,412	2.7	1,222	2.5	1,087	2.4	1,083	2.3	938	1.9
Louisiana	0	--	0	--	0	--	0	--	0	--
Maine	0	--	0	--	0	--	0	--	0	--
Maryland	20,996	24.3	19,446	23.8	17,351	22.5	16,571	21.6	17,044	20.7
Massachusetts	3,089	2.4	3,121	2.3	2,454	2.0	1,973	1.6	1,822	1.4
Michigan	20,809	6.4	19,498	5.9	16,466	5.4	14,932	5.0	15,119	4.6
Minnesota	0	--	0	--	0	--	0	--	0	--
Mississippi	0	--	0	--	0	--	0	--	0	--
Missouri	0	--	0	--	0	--	0	--	0	--
Montana	111	0.5	100	0.4	71	0.3	57	0.3	56	0.2
Nebraska	5,009	11.8	5,122	12.3	4,489	12.1	4,425	12.2	4,735	12.0
Nevada	0	--	0	--	0	--	0	--	0	--
New Hampshire	0	--	0	--	0	--	0	--	0	--
New Jersey	11,247	4.5	8,475	3.5	7,268	3.3	6,628	2.9	5,748	2.4
New Mexico	12	<	12	<	10	<	9	<	9	<
New York	125,815	25.9	115,546	24.4	104,769	24.0	100,557	22.6	92,077	20.5
North Carolina	0	--	0	--	0	--	0	--	0	--
North Dakota	0	--	0	--	0	--	0	--	0	--
Ohio	250,584	83.2	242,340	83.5	227,632	83.7	228,008	83.6	239,968	82.0
Oklahoma	0	--	0	--	0	--	0	--	0	--
Oregon	0	--	0	--	0	--	0	--	0	--
Pennsylvania	32,688	12.9	32,487	13.7	30,905	14.0	28,716	12.7	28,156	11.9
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	500	0.2	415	0.2	527	0.3	519	0.2	653	0.3
Utah	0	--	0	--	0	--	0	--	0	--
Virginia	8,274	9.3	8,055	9.8	7,987	10.6	8,099	10.0	8,657	10.3
Washington	0	--	0	--	0	--	0	--	0	--
West Virginia	0	<	0	<	0	<	0	<	0	<
Wisconsin	0	--	0	--	0	--	0	--	0	--
Wyoming	3,871	29.5	4,235	30.1	3,941	30.4	4,016	31.3	4,284	31.9
Total	691,808	13.8	656,745	13.1	607,816	13.0	597,685	12.7	612,387	12.3

-- 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, 2018-2022
volumes in million cubic feet

State or district	2018		2019		2020		2021		2022	
	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	5,629	21.1	5,355	21.5	5,151	22.5	5,410	R21.0	5,924	23.0
Alaska	210	1.5	234	1.6	56	0.3	52	0.3	65	0.4
Arizona	5,811	18.3	6,411	18.5	5,763	18.2	6,164	18.5	6,963	19.5
Arkansas	33,216	59.9	33,483	60.8	33,458	63.5	35,185	61.7	34,511	62.4
California	120,738	48.7	120,640	47.1	115,319	49.6	112,124	46.7	113,017	45.8
Colorado	3,301	5.9	3,616	5.9	3,273	5.7	3,415	5.8	3,595	5.8
Connecticut	13,714	23.6	12,925	22.4	12,477	R23.9	12,780	R23.9	10,569	19.2
Delaware	9,945	63.8	10,018	64.3	R5,344	R52.1	R5,435	R51.2	5,465	50.1
District of Columbia	13,014	78.3	12,779	79.3	12,296	81.6	11,731	79.5	12,024	77.6
Florida	44,676	70.0	44,886	70.8	40,638	70.9	43,889	R69.7	43,959	69.3
Georgia	44,296	78.3	41,734	77.8	39,981	79.2	41,668	78.5	43,917	79.4
Idaho	4,541	23.8	4,891	23.3	4,659	23.3	4,790	23.5	4,986	21.5
Illinois	157,378	65.0	160,147	64.7	141,397	65.7	147,015	66.0	160,276	65.6
Indiana	28,803	33.4	29,706	33.7	28,577	35.1	28,311	R32.1	29,287	30.6
Iowa	19,361	34.1	19,112	33.0	18,343	36.1	18,471	36.3	21,579	37.2
Kansas	19,017	47.2	19,801	47.9	20,526	51.5	21,050	51.3	22,135	48.2
Kentucky	7,983	20.7	7,954	21.3	7,421	21.9	7,576	21.1	7,869	20.4
Louisiana	9,907	28.4	8,113	24.6	8,369	28.1	9,199	R28.3	8,951	28.2
Maine	3,616	37.7	3,641	36.7	3,327	37.2	3,323	36.8	3,334	35.7
Maryland	56,131	72.6	56,938	74.6	R50,126	R74.2	R48,382	R73.1	54,465	73.7
Massachusetts	64,541	54.3	74,893	61.6	69,977	63.8	63,382	61.4	71,866	61.6
Michigan	77,117	42.8	76,022	41.8	67,593	42.1	67,534	41.8	68,160	38.0
Minnesota	12,860	11.7	12,834	11.3	11,996	11.8	11,961	11.7	14,577	12.2
Mississippi	4,065	19.3	3,929	19.3	3,646	19.9	3,872	20.1	4,073	20.3
Missouri	17,964	25.9	17,921	26.4	17,093	28.3	17,504	28.0	18,240	27.6
Montana	13,918	52.9	14,593	52.5	13,770	53.8	12,992	52.7	13,592	50.2
Nebraska	15,469	43.8	15,726	44.4	14,122	44.7	14,158	44.5	14,621	44.7
Nevada	13,558	41.4	13,990	39.8	7,760	30.0	11,764	38.3	12,033	36.7
New Hampshire	4,416	43.6	4,290	42.3	3,636	40.2	3,787	40.6	3,719	39.8
New Jersey	98,428	58.8	85,199	54.8	78,850	57.1	85,617	57.0	85,676	55.7
New Mexico	11,383	43.9	12,022	40.5	10,343	40.7	11,571	42.9	11,767	42.4
New York	206,234	62.5	199,130	61.7	176,108	61.0	177,305	59.5	177,714	58.5
North Carolina	7,528	13.0	7,775	13.6	7,560	14.5	7,739	13.6	7,758	13.2
North Dakota	1,010	7.0	998	6.5	882	6.1	831	6.0	941	5.5
Ohio	164,488	91.9	163,372	92.1	148,281	91.5	154,678	91.3	163,829	90.2
Oklahoma	25,577	54.5	26,867	55.1	23,828	56.2	23,556	R53.7	24,723	54.6
Oregon	1,643	5.7	1,617	5.0	1,394	4.9	1,328	4.5	1,330	4.1
Pennsylvania	103,872	62.9	102,840	63.6	97,599	65.9	99,284	64.3	104,644	62.7
Rhode Island	5,922	46.5	5,833	47.0	5,229	48.4	5,374	47.8	5,196	46.7
South Carolina	2,042	8.0	2,230	8.7	2,242	9.4	2,766	10.7	2,562	9.9
South Dakota	2,360	18.8	2,725	20.3	2,591	21.8	2,688	23.4	3,179	24.1
Tennessee	6,709	11.4	6,364	11.2	6,454	12.3	7,511	12.8	7,583	12.5
Texas	53,014	24.8	59,554	30.1	52,969	30.7	53,434	29.5	57,201	29.1
Utah	12,975	30.6	16,176	34.2	15,061	34.1	15,717	35.7	16,259	34.2
Virginia	35,411	47.7	34,770	48.8	33,645	49.8	33,871	47.5	34,404	46.2
Washington	8,246	14.5	8,338	13.7	7,606	13.7	7,653	13.3	8,110	12.9
West Virginia	11,213	44.7	11,059	46.9	10,114	47.1	10,677	47.1	10,761	45.5
Wisconsin	26,962	27.0	26,960	26.5	26,150	28.4	36,244	35.9	41,939	36.0
Wyoming	6,618	48.0	5,440	41.9	5,289	43.1	5,289	43.0	5,677	43.7
Total	1,616,830	46.0	1,615,853	46.0	R1,478,290	R46.7	R1,516,058	R46.1	1,585,024	45.2

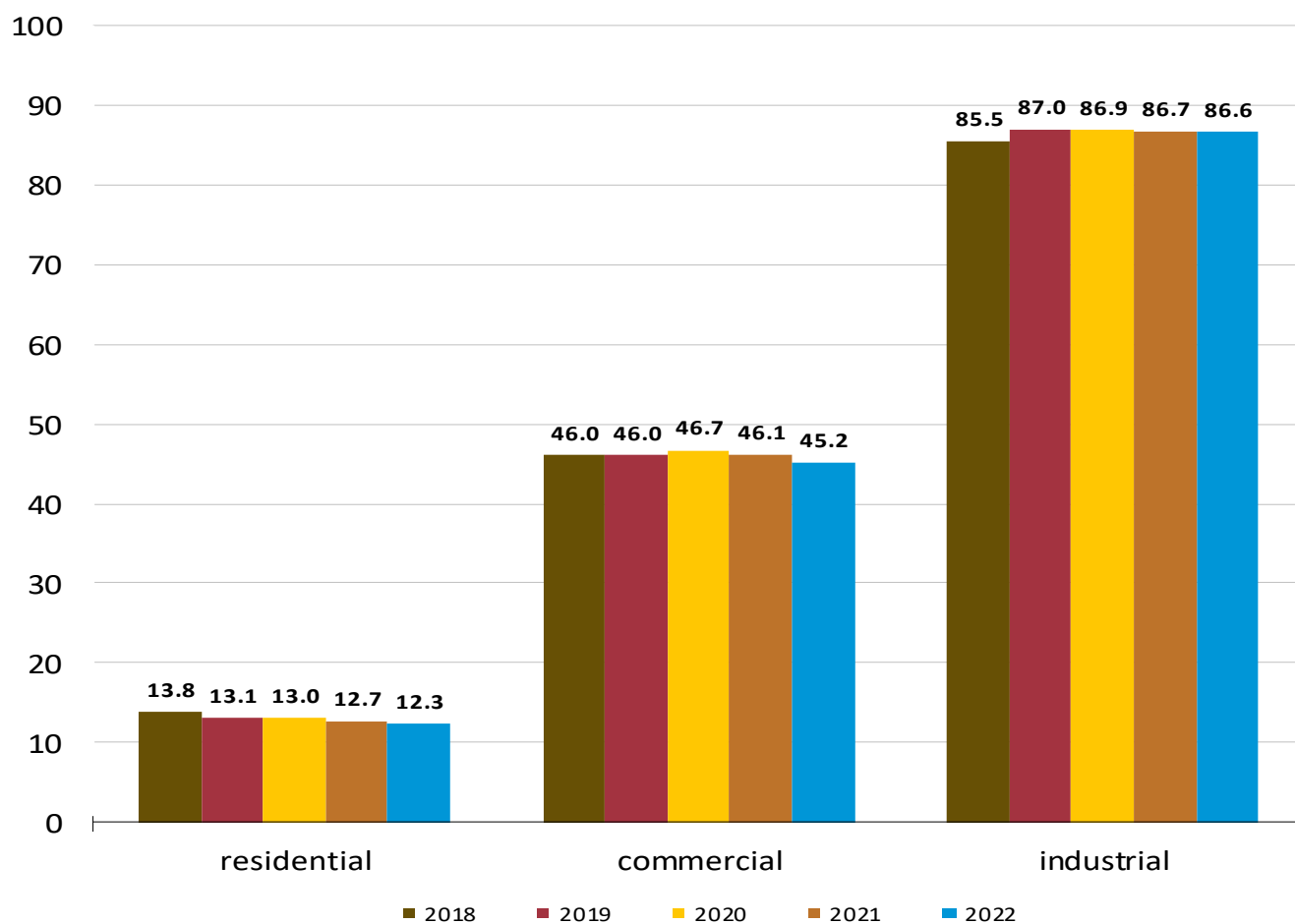
^R Revised data.

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 for other companies, by consuming sector, 2018-2022

percentage



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, 2018-2022
volumes in million cubic feet

State or district	2018		2019		2020		2021		2022	
	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	166,128	75.8	166,132	76.5	159,976	76.5	176,381	R75.7	157,915	74.2
Alaska	0	--	0	--	0	--	R10,032	R47.9	9,613	16.6
Arizona	16,411	85.6	15,239	81.8	15,174	79.5	15,691	78.7	15,588	80.0
Arkansas	105,097	98.5	103,589	98.4	100,048	98.3	103,312	98.4	103,078	98.1
California	735,230	95.9	735,748	95.8	666,288	95.6	648,671	95.2	618,992	95.0
Colorado	82,120	92.6	84,137	91.8	76,987	91.5	78,822	90.9	82,022	89.7
Connecticut	11,833	48.2	11,975	48.8	12,069	52.4	11,622	51.5	10,830	50.0
Delaware	30,671	99.6	33,751	99.7	34,789	99.7	32,753	99.8	31,286	99.7
Florida	104,305	96.5	115,751	96.7	118,683	96.5	127,364	R96.9	120,146	96.9
Georgia	118,633	74.9	116,678	74.8	117,998	77.0	126,452	78.1	118,773	76.8
Idaho	33,769	97.1	37,464	97.1	37,138	96.7	36,559	96.5	37,538	96.1
Illinois	245,701	93.7	250,109	93.2	240,724	92.7	R241,523	R93.3	244,181	92.1
Indiana	412,425	98.4	420,104	98.5	371,345	98.5	382,522	98.1	380,397	97.8
Iowa	249,255	97.4	241,289	96.6	228,432	97.2	221,226	97.1	239,433	97.3
Kansas	124,067	93.6	123,324	93.7	125,014	92.1	125,452	92.6	130,246	91.5
Kentucky	98,363	83.4	101,783	83.7	98,230	84.1	103,972	R84.3	109,563	84.9
Louisiana	1,108,710	96.6	1,107,570	96.7	1,119,261	97.4	1,053,168	97.6	1,142,236	97.7
Maine	17,622	91.6	19,343	92.0	21,024	92.7	19,784	90.5	18,554	89.8
Maryland	15,568	95.9	17,698	96.5	16,284	95.4	17,955	95.9	15,424	95.3
Massachusetts	34,878	73.4	36,155	74.1	34,641	75.7	35,561	74.8	34,136	71.6
Michigan	163,385	92.7	161,329	92.9	143,700	93.2	147,985	93.3	156,073	93.0
Minnesota	132,303	81.9	132,189	81.4	113,067	80.4	124,084	81.4	127,631	83.2
Mississippi	123,012	91.2	121,026	91.2	119,909	91.4	121,868	91.8	132,336	92.2
Missouri	57,552	86.2	57,284	87.5	56,189	88.3	56,505	87.8	57,197	88.2
Montana	24,882	98.6	23,306	98.4	24,283	98.7	24,517	98.7	25,247	98.4
Nebraska	84,809	94.7	84,746	94.5	89,902	94.8	91,319	94.8	92,937	94.7
Nevada	17,298	85.8	17,669	85.4	16,420	85.2	14,485	82.5	15,110	82.1
New Hampshire	9,116	91.9	9,115	92.7	8,675	93.4	8,349	91.9	8,423	90.9
New Jersey	60,291	94.0	60,833	93.5	55,104	93.9	56,470	93.8	72,629	94.8
New Mexico	17,675	94.2	16,760	91.3	15,575	86.5	14,574	85.3	10,946	81.0
New York	86,152	94.2	85,107	94.2	81,783	94.7	85,055	94.8	84,159	95.1
North Carolina	103,557	88.7	104,661	87.9	101,674	88.1	107,361	87.8	106,512	86.7
North Dakota	21,694	61.9	22,265	61.7	24,105	62.6	24,759	64.4	25,165	63.7
Ohio	306,441	99.1	295,349	99.1	279,566	99.1	307,183	99.1	309,294	99.1
Oklahoma	191,468	92.1	195,567	92.6	203,802	92.8	R194,519	R93.7	200,267	94.3
Oregon	45,811	84.4	48,254	84.6	47,647	84.0	48,217	83.0	45,530	80.7
Pennsylvania	229,238	98.9	246,764	99.1	213,428	99.0	238,449	99.0	250,304	98.9
Rhode Island	8,446	95.8	8,441	95.7	8,057	96.4	8,139	96.2	7,926	94.7
South Carolina	57,526	59.6	60,022	61.5	59,993	63.1	63,178	63.3	62,299	62.8
South Dakota	44,772	95.3	43,629	94.8	43,731	95.9	47,031	96.5	48,481	96.6
Tennessee	112,531	76.6	114,757	77.6	113,993	78.2	R117,710	R76.7	115,069	75.6
Texas	1,151,111	62.6	1,242,542	69.1	R1,299,561	R69.7	R1,364,104	R69.7	1,394,401	71.0
Utah	38,671	96.8	40,301	97.5	39,213	97.7	38,772	97.5	37,256	97.6
Vermont	0	--	0	--	0	--	0	--	0	--
Virginia	86,829	89.7	89,818	89.3	90,360	86.7	96,551	85.9	92,392	85.3
Washington	72,390	93.6	73,539	93.7	73,274	93.8	75,669	93.8	74,812	93.5
West Virginia	35,971	96.2	35,302	96.5	33,850	96.9	36,896	97.1	35,893	96.5
Wisconsin	135,541	82.3	135,807	83.5	129,214	84.1	R126,252	R84.3	125,919	83.8
Wyoming	65,325	98.6	61,043	98.8	59,820	99.1	48,202	99.0	57,079	98.8
Total	7,194,582	85.5	7,325,264	87.0	R7,140,003	86.9	R7,257,024	R86.7	7,391,238	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, 2021-2022

State or district	2021			2022		
	Onsystem sales	Transported for other companies	Total	Onsystem sales	Transported for other companies	Total
Alabama	788,752	0	788,752	788,589	0	788,589
Alaska	138,362	0	138,362	140,050	0	140,050
Arizona	1,330,136	2	1,330,138	1,358,114	2	1,358,116
Arkansas	568,639	0	568,639	566,288	0	566,288
California	10,823,945	408,607	11,232,552	10,890,475	389,854	11,280,329
Colorado	1,867,049	1	1,867,050	1,891,533	0	1,891,533
Connecticut	582,686	1,316	584,002	587,501	1,210	588,711
Delaware	190,281	0	190,281	196,523	0	196,523
District of Columbia	137,743	17,348	155,091	137,617	18,021	155,638
Florida	824,888	20,285	845,173	860,062	21,048	881,110
Georgia	333,419	1,548,517	1,881,936	335,793	1,557,265	1,893,058
Hawaii	29,059	0	29,059	28,916	0	28,916
Idaho	441,607	0	441,607	454,531	0	454,531
Illinois	3,734,902	238,146	3,973,048	3,755,565	223,713	3,979,278
Indiana	1,751,318	61,563	1,812,881	1,772,191	59,345	1,831,536
Iowa	951,735	0	951,735	958,440	0	958,440
Kansas	884,382	45	884,427	887,490	44	887,534
Kentucky	773,394	14,271	787,665	776,863	12,470	789,333
Louisiana	929,124	0	929,124	924,251	0	924,251
Maine	38,421	0	38,421	35,593	0	35,593
Maryland	982,471	205,821	1,188,292	1,009,429	190,703	1,200,132
Massachusetts	1,558,450	22,944	1,581,394	1,767,536	22,621	1,790,157
Michigan	3,230,737	149,218	3,379,955	2,994,591	118,535	3,113,126
Minnesota	1,602,690	0	1,602,690	1,624,186	0	1,624,186
Mississippi	430,138	0	430,138	430,784	0	430,784
Missouri	1,444,001	0	1,444,001	1,450,087	0	1,450,087
Montana	286,587	793	287,380	289,458	741	290,199
Nebraska	484,969	68,359	553,328	486,978	68,640	555,618
Nevada	922,888	0	922,888	936,598	0	936,598
New Hampshire	113,574	0	113,574	114,313	0	114,313
New Jersey	2,815,415	88,606	2,904,021	2,853,035	77,197	2,930,232
New Mexico	609,078	108	609,186	610,792	106	610,898
New York	4,183,615	375,723	4,559,338	4,289,765	299,077	4,588,842
North Carolina	1,367,653	0	1,367,653	1,389,857	0	1,389,857
North Dakota	152,032	0	152,032	154,050	0	154,050
Ohio	601,317	2,826,536	3,427,853	629,386	2,850,306	3,479,692
Oklahoma	970,521	0	970,521	978,091	0	978,091
Oregon	788,177	0	788,177	796,325	0	796,325
Pennsylvania	2,524,160	340,747	2,864,907	2,558,076	323,663	2,881,739
Rhode Island	247,368	0	247,368	247,508	0	247,508
South Carolina	758,356	0	758,356	783,826	0	783,826
South Dakota	201,101	0	201,101	205,119	0	205,119
Tennessee	1,212,909	0	1,212,909	1,223,216	0	1,223,216
Texas	5,014,419	496	5,014,915	5,097,037	496	5,097,533
Utah	1,029,304	0	1,029,304	1,056,629	0	1,056,629
Vermont	48,229	0	48,229	48,791	0	48,791
Virginia	1,196,263	83,764	1,280,027	1,211,218	80,727	1,291,945
Washington	1,251,963	0	1,251,963	1,271,260	0	1,271,260
West Virginia	336,295	1	336,296	336,561	1	336,562
Wisconsin	1,823,385	0	1,823,385	1,839,813	0	1,839,813
Wyoming	115,946	54,887	170,833	115,541	56,494	172,035
Total	65,423,853	6,528,104	71,951,957	66,146,241	6,372,279	72,518,520

^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 2018 through 2022 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, 2021-2022

State or district	2021			2022		
	Onsystem sales	Transported for other companies	Total	Onsystem sales	Transported for other companies	Total
Alabama	69,817	125	69,942	69,858	126	69,984
Alaska	14,165	12	14,177	14,297	12	14,309
Arizona	58,361	388	58,749	58,947	388	59,335
Arkansas	68,877	915	69,792	68,788	914	69,702
California	403,904	40,856	444,760	405,527	39,011	444,538
Colorado	153,108	327	153,435	154,929	330	155,259
Connecticut	60,182	2,943	63,125	60,389	2,562	62,951
Delaware	13,951	481	14,432	14,157	468	14,625
District of Columbia	6,974	2,939	9,913	7,181	2,798	9,979
Florida	40,308	32,574	72,882	40,629	33,096	73,725
Georgia	32,907	93,744	126,651	33,391	92,967	126,358
Hawaii	2,936	0	2,936	2,933	0	2,933
Idaho	44,370	121	44,491	45,049	121	45,170
Illinois	237,179	61,299	298,478	237,553	61,654	299,207
Indiana	148,500	16,911	165,411	150,343	15,789	166,132
Iowa	99,208	3,416	102,624	99,675	3,689	103,364
Kansas	79,442	7,131	86,573	80,266	6,731	86,997
Kentucky	84,881	2,884	87,765	86,160	2,252	88,412
Louisiana	59,727	220	59,947	58,689	208	58,897
Maine	12,088	1,454	13,542	10,976	1,548	12,524
Maryland	54,568	24,200	78,768	56,047	23,130	79,177
Massachusetts	123,973	21,954	145,927	140,478	23,981	164,459
Michigan	238,926	23,886	262,812	220,705	18,097	238,802
Minnesota	143,471	596	144,067	143,844	638	144,482
Mississippi	46,693	104	46,797	47,119	103	47,222
Missouri	114,506	1,272	115,778	115,067	1,369	116,436
Montana	37,829	1,057	38,886	38,538	1,005	39,543
Nebraska	44,483	17,146	61,629	44,712	17,394	62,106
Nevada	46,191	324	46,515	46,947	318	47,265
New Hampshire	16,359	3,271	19,630	16,322	3,335	19,657
New Jersey	204,641	44,584	249,225	207,521	42,824	250,345
New Mexico	47,576	3,645	51,221	47,726	3,583	51,309
New York	323,525	100,799	424,324	326,999	92,789	419,788
North Carolina	129,420	98	129,518	133,346	98	133,444
North Dakota	24,151	54	24,205	24,547	52	24,599
Ohio	36,753	236,594	273,347	33,263	233,469	266,732
Oklahoma	93,323	4,529	97,852	94,261	4,433	98,694
Oregon	83,628	97	83,725	84,089	96	84,185
Pennsylvania	181,813	69,431	251,244	185,581	66,559	252,140
Rhode Island	21,768	3,069	24,837	21,807	2,829	24,636
South Carolina	61,172	113	61,285	61,753	115	61,868
South Dakota	25,838	521	26,359	26,371	586	26,957
Tennessee	138,099	85	138,184	139,192	83	139,275
Texas	332,055	4,879	336,934	333,511	4,853	338,364
Utah	71,164	805	71,969	72,290	829	73,119
Vermont	6,178	0	6,178	6,216	0	6,216
Virginia	93,411	10,677	104,088	93,883	10,249	104,132
Washington	107,699	141	107,840	108,235	133	108,368
West Virginia	34,545	749	35,294	34,037	746	34,783
Wisconsin	172,352	1,442	173,794	173,539	1,524	175,063
Wyoming	14,271	7,487	21,758	14,234	7,683	21,917
Total	4,761,266	852,349	5,613,615	4,791,917	827,567	5,619,484

^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 2018 through 2022 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, 2021-2022

State or district	2021			2022		
	Onsystem sales	Transported for other companies	Total	Onsystem Sales	Transported for other companies	Total
Alabama	R3,301	274	R3,575	3,335	266	3,601
Alaska	7	0	7	7	0	7
Arizona	224	157	381	227	153	380
Arkansas	442	483	925	410	477	887
California	31,235	4,263	35,498	30,726	4,134	34,860
Colorado	1,297	8,489	9,786	1,347	8,336	9,683
Connecticut	2,689	275	2,964	2,572	250	2,822
Delaware	39	91	130	51	102	153
Florida	R157	341	R498	156	352	508
Georgia	1,198	1,574	2,772	1,236	1,575	2,811
Hawaii	5	0	5	5	0	5
Idaho	148	230	378	207	231	438
Illinois	15,389	R7,575	R22,964	15,288	7,550	22,838
Indiana	2,464	2,220	4,684	2,438	2,257	4,695
Iowa	1,126	478	1,604	1,113	473	1,586
Kansas	3,507	4,002	7,509	3,799	3,904	7,703
Kentucky	R1,502	607	R2,109	1,344	613	1,957
Louisiana	R542	346	R888	517	340	857
Maine	63	94	157	77	94	171
Maryland	681	457	1,138	694	452	1,146
Massachusetts	R7,031	4,192	R11,223	7,004	4,819	11,823
Michigan	5,040	1,352	6,392	4,434	1,057	5,491
Minnesota	1,619	418	2,037	1,582	422	2,004
Mississippi	R698	R156	R854	689	152	841
Missouri	2,290	752	3,042	2,276	744	3,020
Montana	253	85	338	256	84	340
Nebraska	463	5,044	5,507	465	5,159	5,624
Nevada	196	30	226	201	27	228
New Hampshire	57	141	198	59	132	191
New Jersey	5,391	1,305	6,696	5,398	1,244	6,642
New Mexico	493	47	540	424	46	470
New York	3,920	2,124	6,044	4,065	2,024	6,089
North Carolina	1,797	875	2,672	1,829	852	2,681
North Dakota	193	78	271	192	81	273
Ohio	982	4,506	5,488	982	4,691	5,673
Oklahoma	R1,354	R1,799	R3,153	1,421	1,803	3,224
Oregon	928	269	1,197	926	263	1,189
Pennsylvania	1,610	2,872	4,482	1,627	2,790	4,417
Rhode Island	59	214	273	67	215	282
South Carolina	1,188	241	1,429	1,225	242	1,467
South Dakota	395	153	548	398	150	548
Tennessee	R2,162	R388	2,550	2,216	385	2,601
Texas	R4,237	R1,905	R6,142	4,376	1,885	6,261
Utah	63	312	375	59	317	376
Vermont	14	0	14	14	0	14
Virginia	711	278	989	704	277	981
Washington	2,948	358	3,306	2,948	347	3,295
West Virginia	26	65	91	620	66	686
Wisconsin	5,591	R2,492	R8,083	5,569	2,456	8,025
Wyoming	25	50	75	34	49	83
Total	R117,750	R64,457	R182,207	117,609	64,338	181,947

^R Revised data.

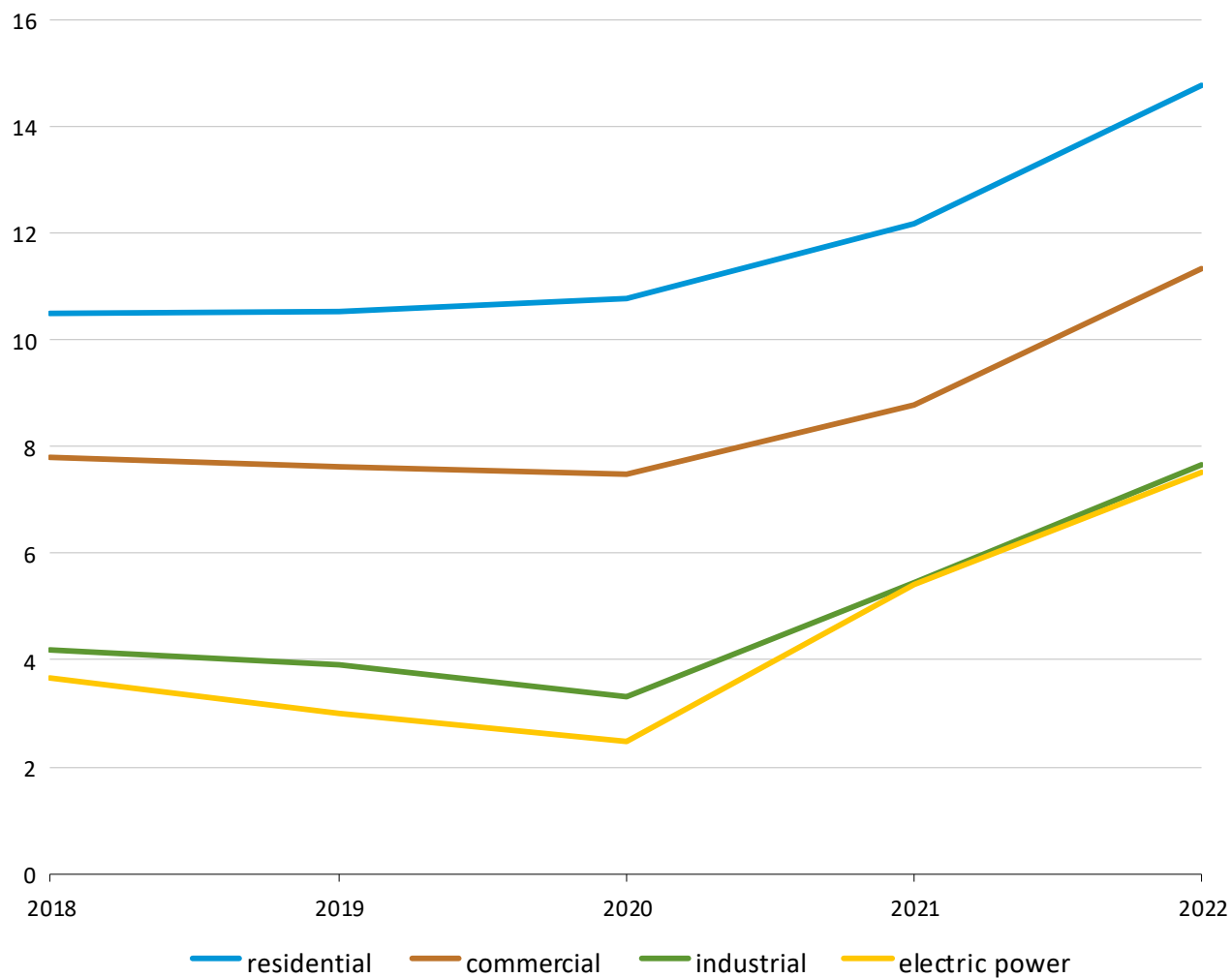
Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*.

Some of the residential and commercial consumers reported for 2018 through 2022 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, 2018-2022

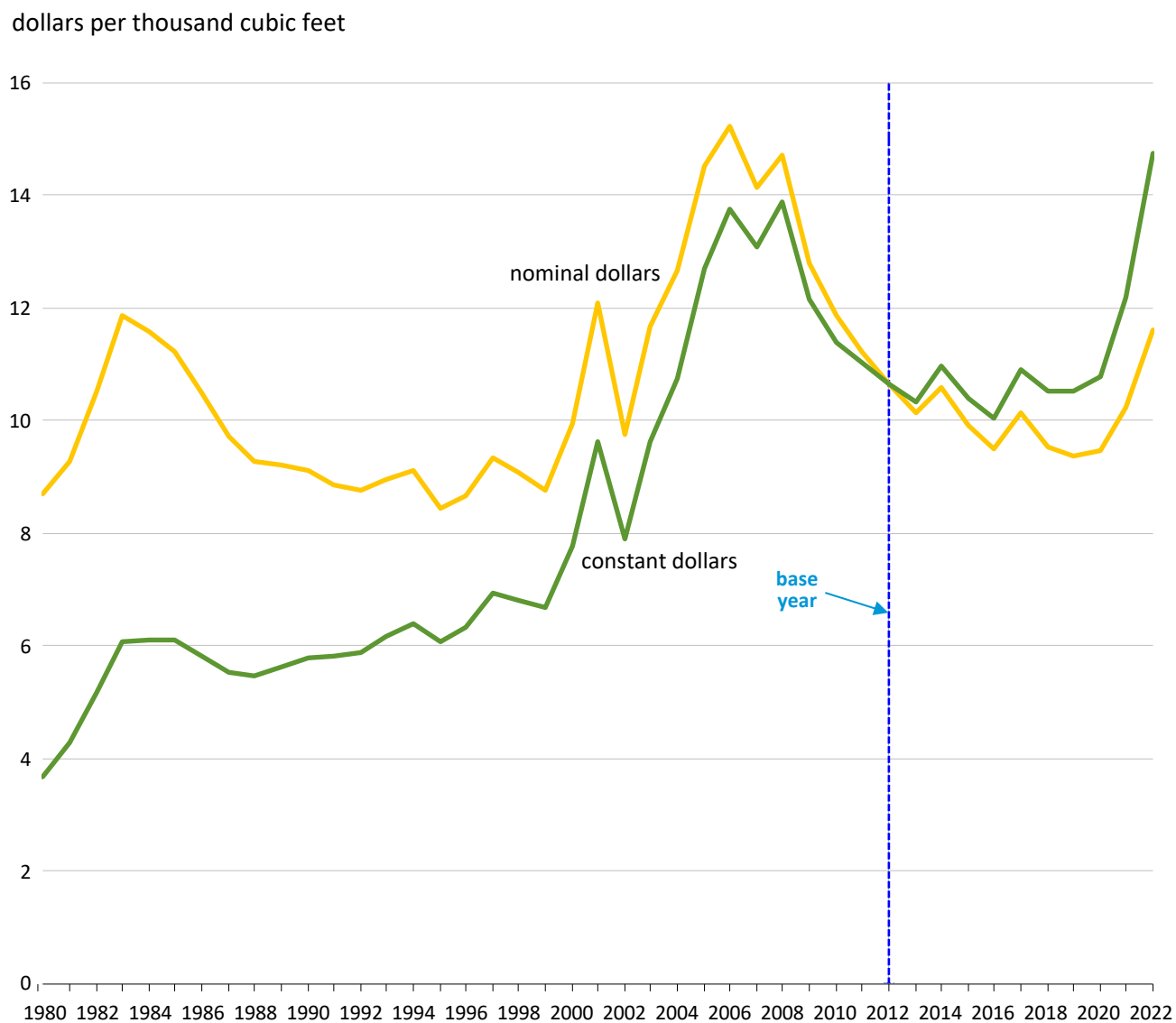
dollars per thousand cubic feet



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*.

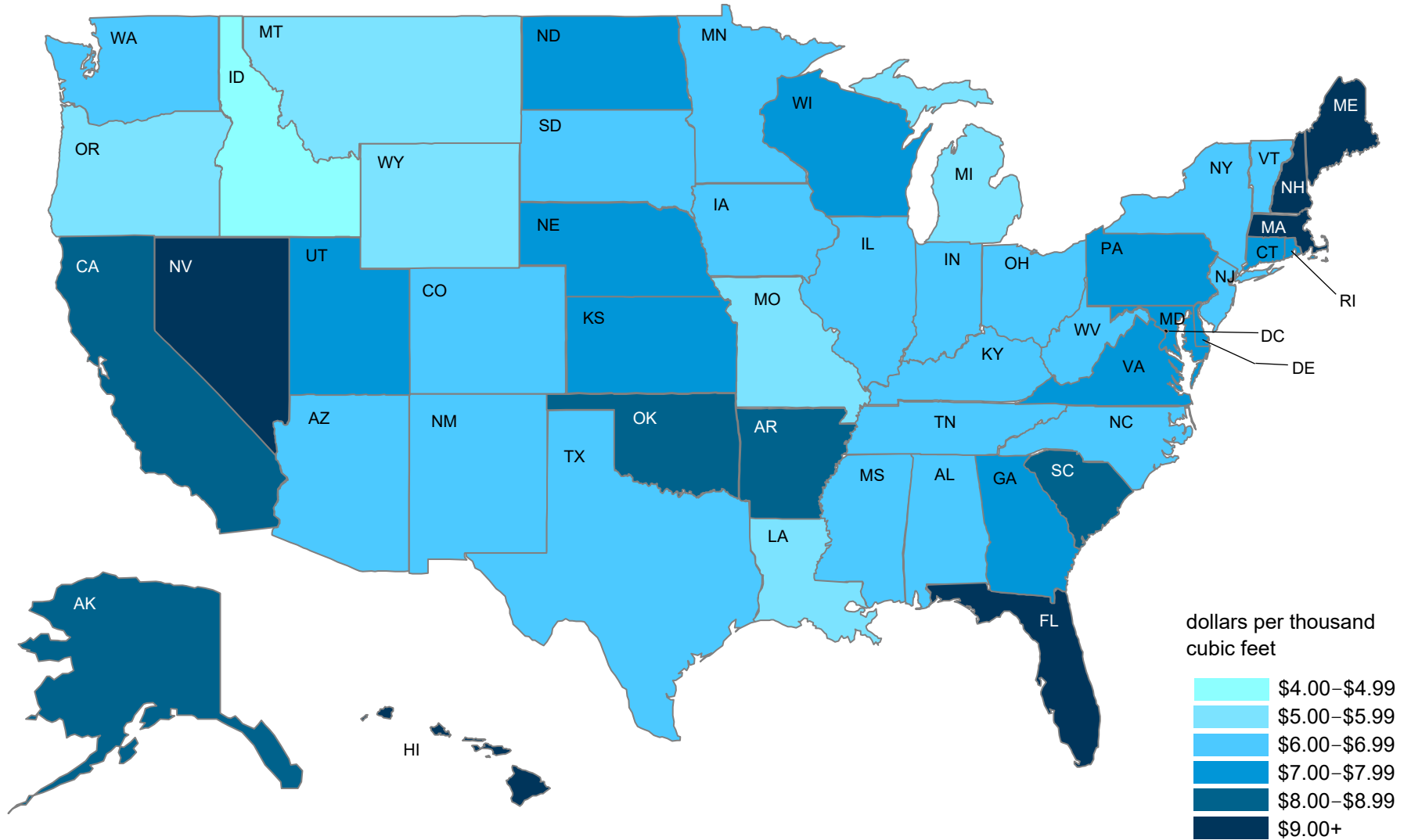
Note: Coverage for prices varies by consumer sector. Prices are in nominal dollars. Appendix A contains further discussion on consumer prices.

Figure 18. Average price of natural gas delivered to residential consumers, 1980-2022



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, 2022
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, 2018- 2022

dollars per thousand cubic feet

State	Average price				
	2018	2019	2020	2021	2022
Alabama	3.87	3.56	2.98	4.16	6.74
Alaska	7.33	8.27	8.25	7.94	8.12
Arizona	3.47	2.62	2.56	7.10	6.87
Arkansas	4.42	4.04	3.60	8.05	8.17
California	3.29	3.10	3.02	4.29	8.02
Colorado	3.63	3.38	2.74	6.81	6.61
Connecticut	5.55	5.36	4.93	6.09	7.93
Delaware	5.59	5.71	5.38	5.98	7.36
Florida	6.88	7.22	7.09	7.52	9.57
Georgia	4.02	3.78	3.26	4.69	7.26
Hawaii	19.63	17.75	12.20	21.46	32.23
Idaho	2.44	2.46	2.37	2.66	4.82
Illinois	3.69	3.18	2.87	6.56	6.24
Indiana	3.87	3.43	2.99	4.59	6.02
Iowa	4.11	3.47	3.37	7.97	6.94
Kansas	4.21	3.68	3.42	11.27	7.58
Kentucky	3.92	3.37	2.81	4.09	6.31
Louisiana	4.00	3.59	2.75	3.95	5.62
Maine	8.00	6.51	5.59	6.82	10.00
Maryland	5.03	4.82	4.22	5.45	7.54
Massachusetts	6.37	5.53	5.39	6.65	9.05
Michigan	3.48	3.17	2.78	3.49	5.09
Minnesota	4.03	3.82	3.68	8.12	6.96
Mississippi	4.21	3.77	3.34	4.72	6.73
Missouri	4.40	4.22	3.54	8.30	5.84
Montana	3.02	2.66	2.92	4.92	5.87
Nebraska	4.11	3.65	3.23	6.60	7.07
Nevada	3.99	4.11	3.23	6.06	9.10
New Hampshire	7.12	5.74	4.91	6.40	9.44
New Jersey	4.68	4.83	4.38	4.75	6.42
New Mexico	3.05	2.56	2.52	6.96	6.85
New York	4.87	4.25	3.65	4.77	6.89
North Carolina	4.13	3.85	3.27	4.58	6.48
North Dakota	3.82	3.57	3.27	6.44	7.11
Ohio	3.97	3.60	3.13	4.53	6.59
Oklahoma	3.83	3.64	3.35	19.27	8.13
Oregon	3.87	3.56	3.58	4.30	5.51
Pennsylvania	4.49	4.53	3.77	5.08	7.27
Rhode Island	2.37	2.49	2.59	2.23	7.71
South Carolina	4.36	3.86	3.26	5.43	8.32
South Dakota	3.87	3.51	3.33	7.43	6.97
Tennessee	4.10	3.54	2.95	4.59	6.03
Texas	5.04	3.02	2.70	10.76	6.82
Utah	5.17	4.80	5.30	5.07	7.12
Vermont	4.64	3.86	3.33	4.42	6.26
Virginia	4.69	4.52	3.87	5.07	7.42
Washington	3.65	4.25	3.77	4.57	6.46
West Virginia	3.86	3.71	3.20	4.22	6.25
Wisconsin	4.19	3.84	3.36	5.49	7.17
Wyoming	3.74	3.48	3.02	6.36	5.97
U.S. Total	4.23	3.81	3.43	6.02	6.89

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, 2022

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	17.36	100.0	13.52	77.0	7.87	25.8	W
Alaska	11.08	100.0	10.13	99.6	6.72	83.4	5.59
Arizona	17.81	100.0	10.81	80.5	7.48	20.0	8.68
Arkansas	16.78	100.0	12.80	37.6	10.46	1.9	W
California	20.15	95.8	16.13	54.2	13.73	5.0	10.22
Colorado	12.72	100.0	11.38	94.2	10.12	10.3	W
Connecticut	18.36	96.5	12.85	80.8	10.37	50.0	9.11
Delaware	15.00	100.0	12.37	49.9	12.05	0.3	W
District of Columbia	16.68	74.5	15.05	22.4	--	--	--
Florida	26.21	92.2	14.18	30.7	9.38	3.1	W
Georgia	18.06	100.0	11.39	100.0	9.02	23.2	W
Hawaii	57.46	100.0	44.12	100.0	34.62	100.0	--
Idaho	7.97	100.0	7.10	78.5	5.06	3.9	10.13
Illinois	13.80	89.2	12.20	34.4	9.17	7.9	6.91
Indiana	11.60	96.5	9.50	69.4	8.42	2.2	6.56
Iowa	13.04	100.0	11.09	62.8	8.66	2.7	6.03
Kansas	14.37	100.0	12.33	51.8	8.36	8.5	7.05
Kentucky	14.58	98.1	12.17	79.6	7.84	15.1	W
Louisiana	15.84	100.0	13.02	71.8	6.79	2.3	W
Maine	20.73	100.0	16.57	64.3	12.93	10.2	W
Maryland	16.97	79.3	14.12	26.3	12.22	4.7	8.57
Massachusetts	20.45	98.6	15.56	38.4	14.41	28.4	W
Michigan	11.31	95.4	10.00	62.0	9.11	7.0	6.86
Minnesota	12.12	100.0	10.59	87.8	8.43	16.8	W
Mississippi	14.59	100.0	12.20	79.7	8.38	7.8	W
Missouri	14.29	100.0	11.25	72.4	9.81	11.8	W
Montana	10.42	99.8	10.22	49.8	9.14	1.6	4.31
Nebraska	12.83	88.0	10.31	55.3	8.02	5.3	8.35
Nevada	12.72	100.0	9.39	63.3	8.23	17.9	8.26
New Hampshire	20.51	100.0	16.24	60.2	13.19	9.1	W
New Jersey	12.53	97.6	13.08	44.3	11.46	5.2	7.14
New Mexico	12.51	100.0	10.34	57.6	9.62	19.0	6.69
New York	16.34	100.0	10.31	100.0	11.30	4.9	7.58
North Carolina	17.20	100.0	12.35	86.8	9.27	13.3	W
North Dakota	10.90	100.0	9.62	94.5	6.75	36.3	9.14
Ohio	13.07	100.0	8.39	100.0	10.78	0.9	6.34
Oklahoma	14.76	100.0	11.66	45.4	7.38	5.7	W
Oregon	12.83	100.0	10.33	95.9	6.34	19.3	W
Pennsylvania	14.94	88.1	12.27	37.3	11.17	1.1	6.29
Rhode Island	18.17	100.0	15.29	53.3	10.99	5.3	W
South Carolina	15.67	100.0	12.15	90.1	8.92	37.2	7.31
South Dakota	10.99	100.0	9.25	75.9	7.49	3.4	7.72
Tennessee	12.46	100.0	11.53	87.5	8.00	24.4	5.84
Texas	16.52	99.7	11.56	70.9	6.57	29.0	6.52
Utah	10.48	100.0	8.92	65.8	7.97	2.4	8.53
Vermont	15.51	100.0	8.73	100.0	6.69	100.0	W
Virginia	16.10	89.7	11.54	53.8	7.53	14.7	7.32
Washington	12.83	100.0	10.63	87.1	9.61	6.5	W
West Virginia	12.08	100.0	9.69	54.5	6.77	3.5	W
Wisconsin	11.34	100.0	9.55	64.0	8.55	16.2	5.97
Wyoming	13.40	68.1	11.07	56.3	8.60	1.2	W
U.S. Total	14.75	96.7	11.32	65.8	7.66	13.4	7.51

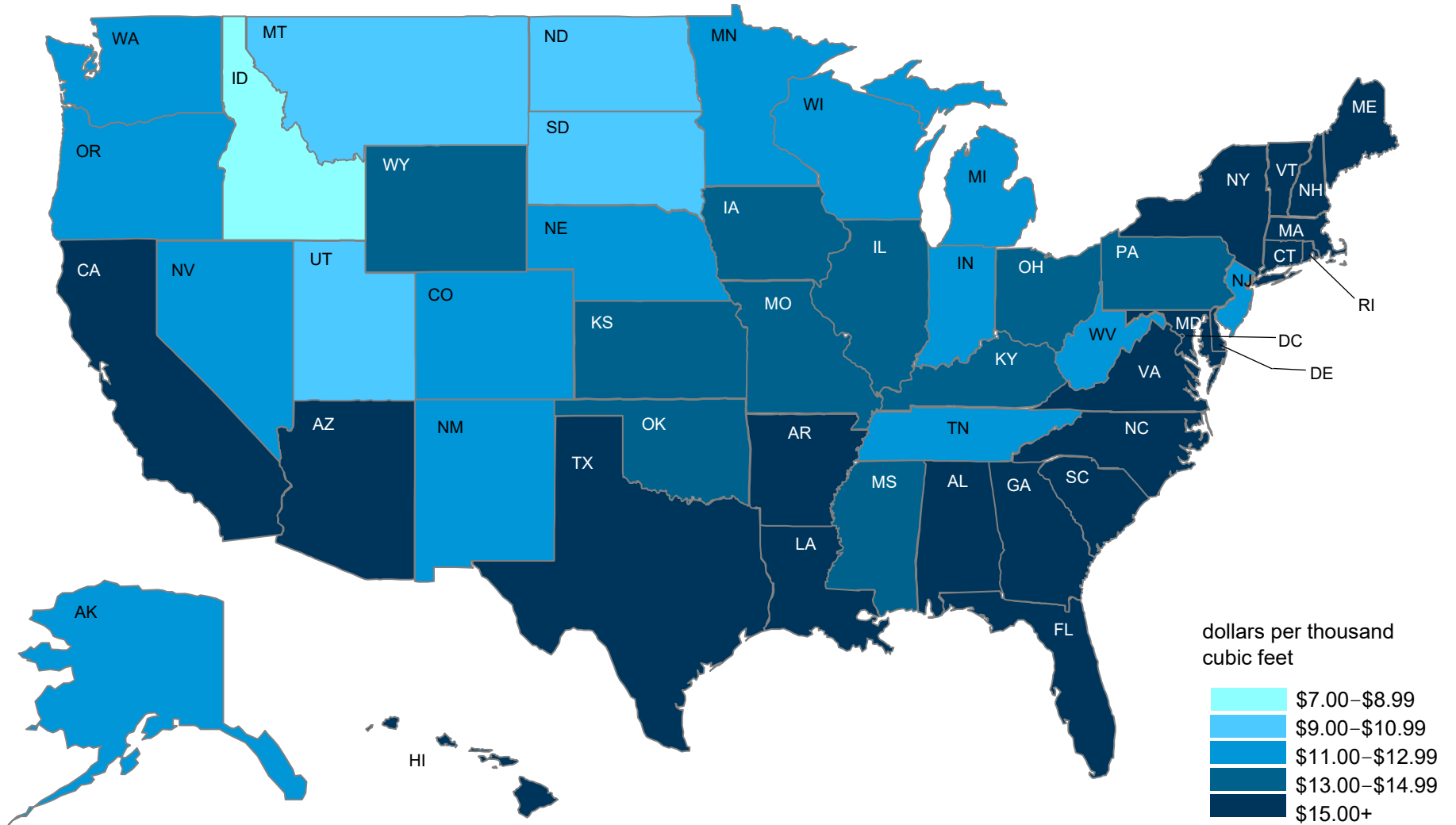
-- Not applicable.

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*.

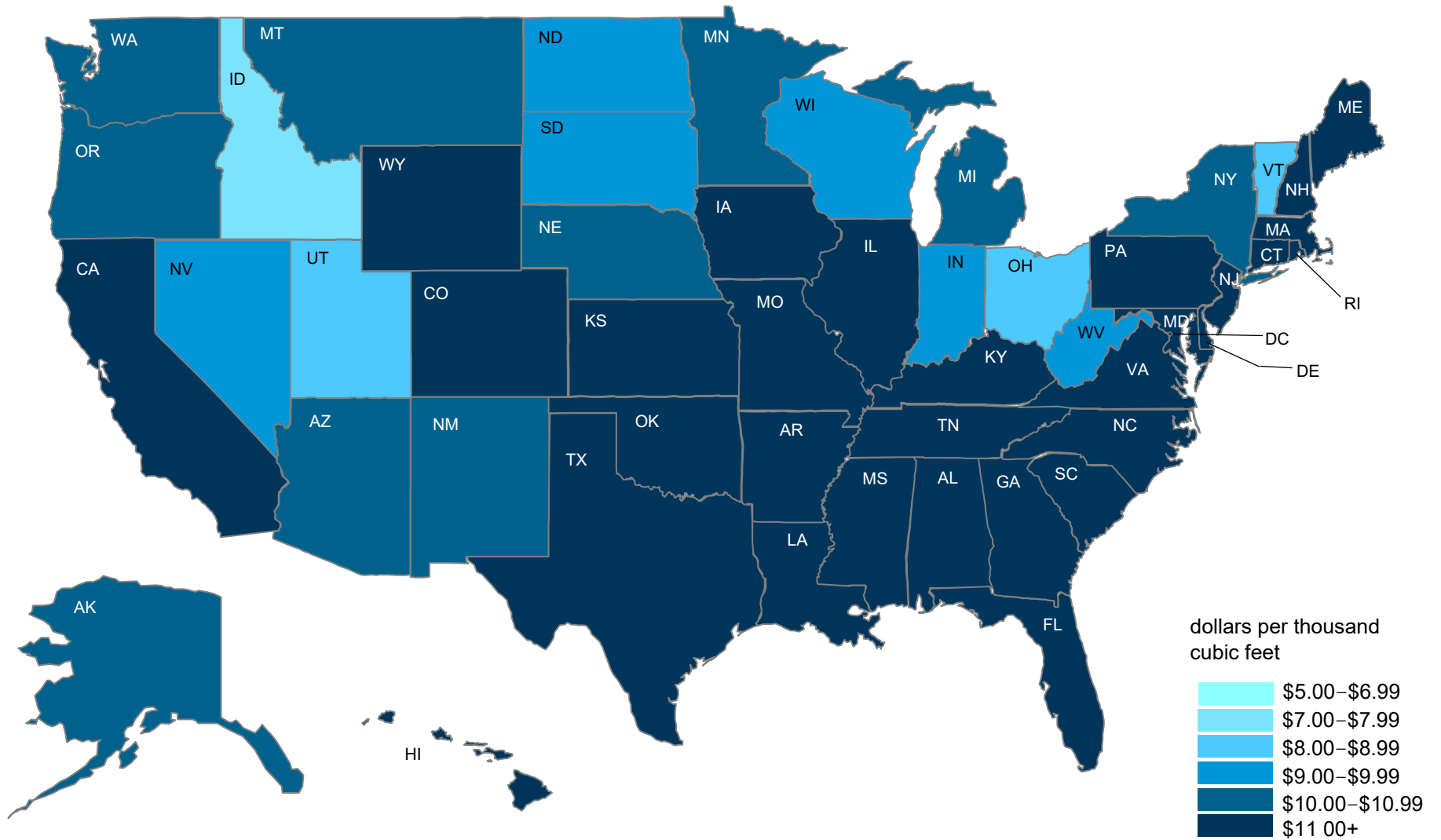
Note: Prices are in nominal dollars. U.S. prices represent the weighted average of the states in each sector.

Figure 20. Average price of natural gas delivered to U.S. residential consumers, 2022
dollars per thousand cubic feet



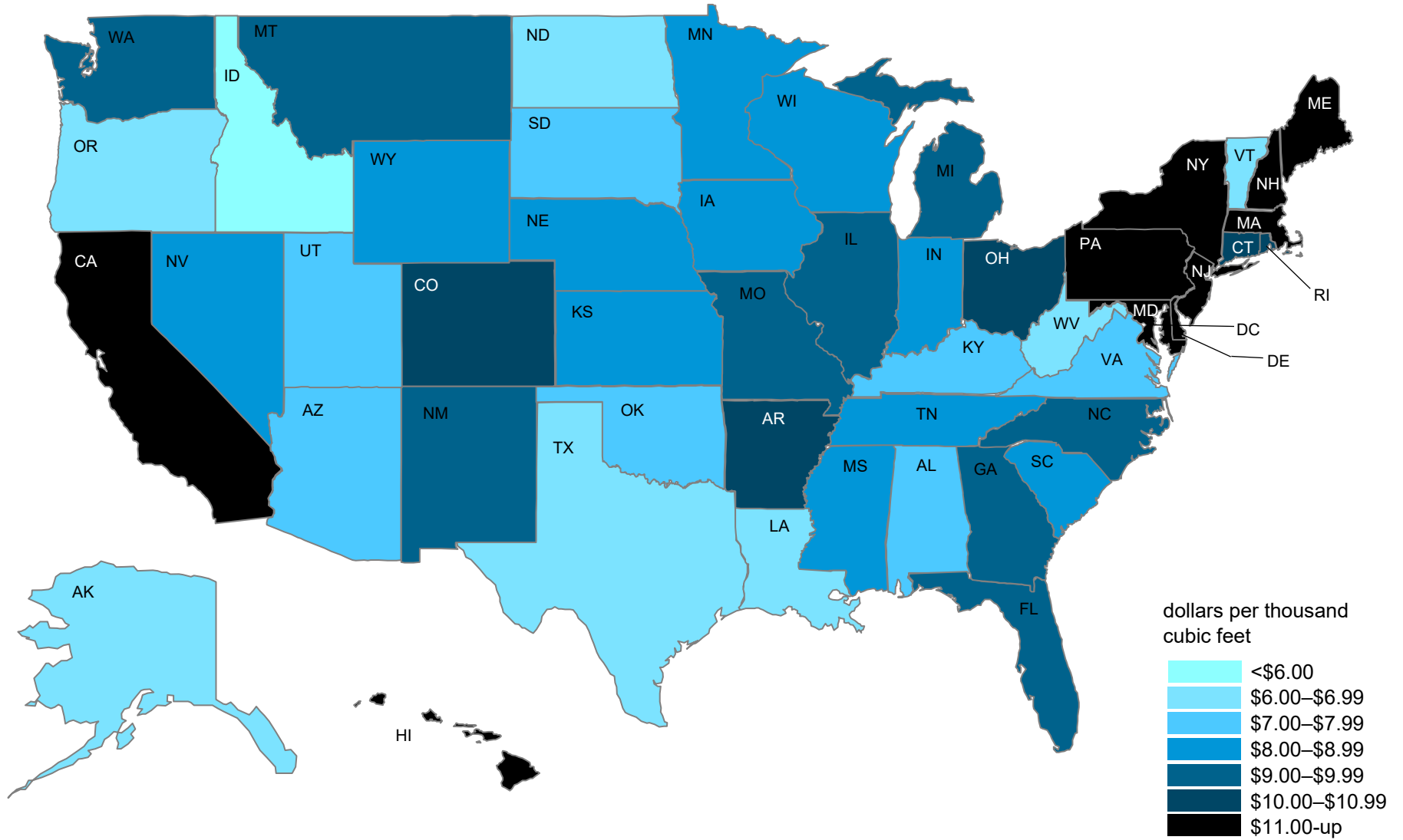
Source: U.S. Energy Information Administration (EIA), Form EIA-176, *Annual Report of Natural and Supplemental Gas Supply and Disposition*, and Form EIA-910, *Monthly Natural Gas Marketer Survey*.
Note: Prices are in nominal dollars.

Figure 21. Average price of natural gas delivered to U.S. commercial consumers, 2022
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.

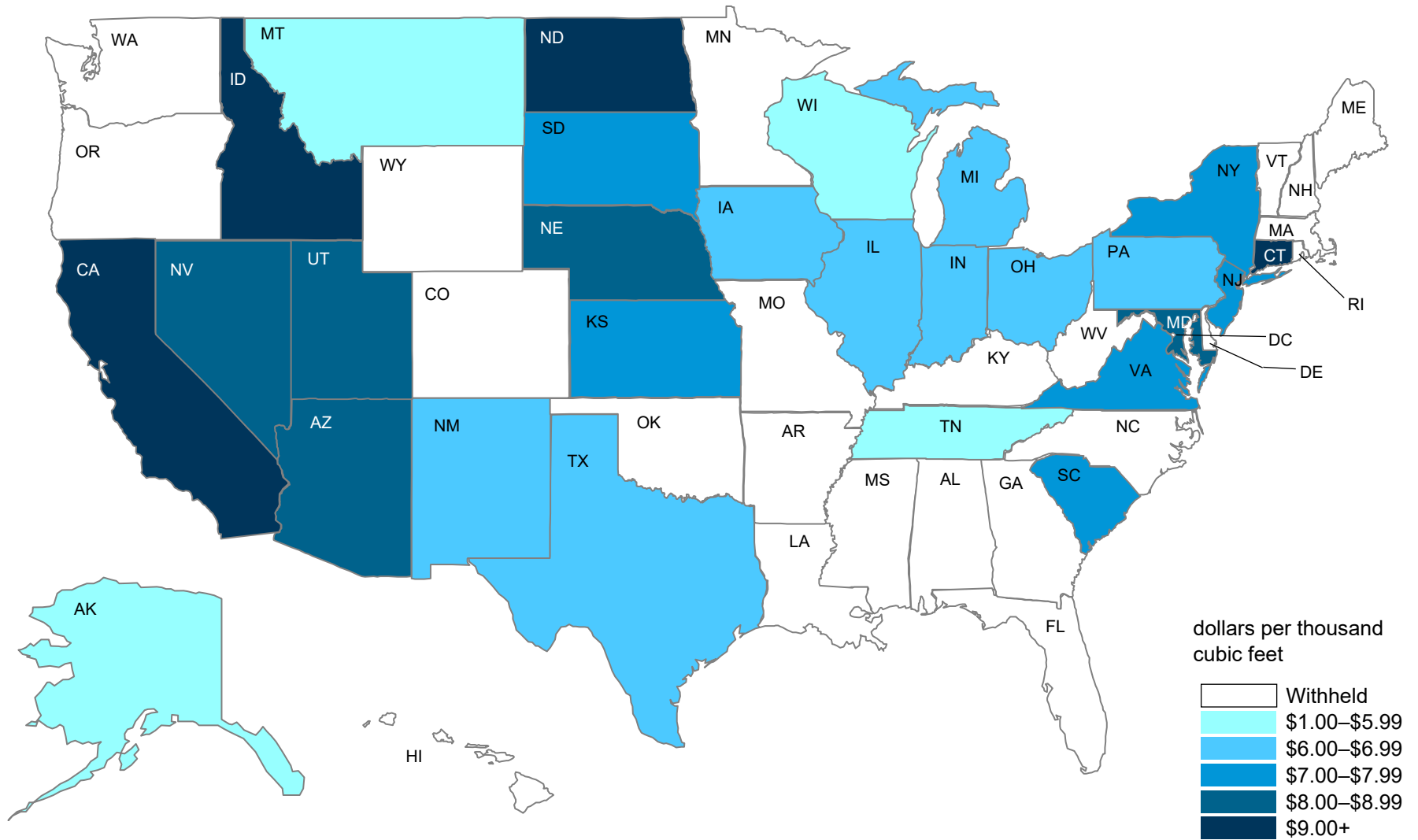
Figure 22. Average price of natural gas delivered to U.S. industrial consumers, 2022
dollars per thousand cubic feet



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, 2022
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, 2021-2022

dollars per thousand cubic feet

State	2021			Residential 2022				
	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	13.63	16.26	15.91	13.4	16.29	18.30	18.06	12.1
New York	13.64	14.26	13.78	77.4	16.32	16.41	16.34	79.5
Ohio	11.12	11.08	11.08	16.4	13.87	12.90	13.07	18.0

State	2021			Commercial 2022				
	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	10.58	8.05	8.59	21.5	13.37	10.87	11.39	20.6
New York	9.35	6.94	7.91	40.5	11.96	9.13	10.31	41.5
Ohio	9.30	6.38	6.64	8.7	11.60	8.04	8.39	9.8

^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.

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, 2022

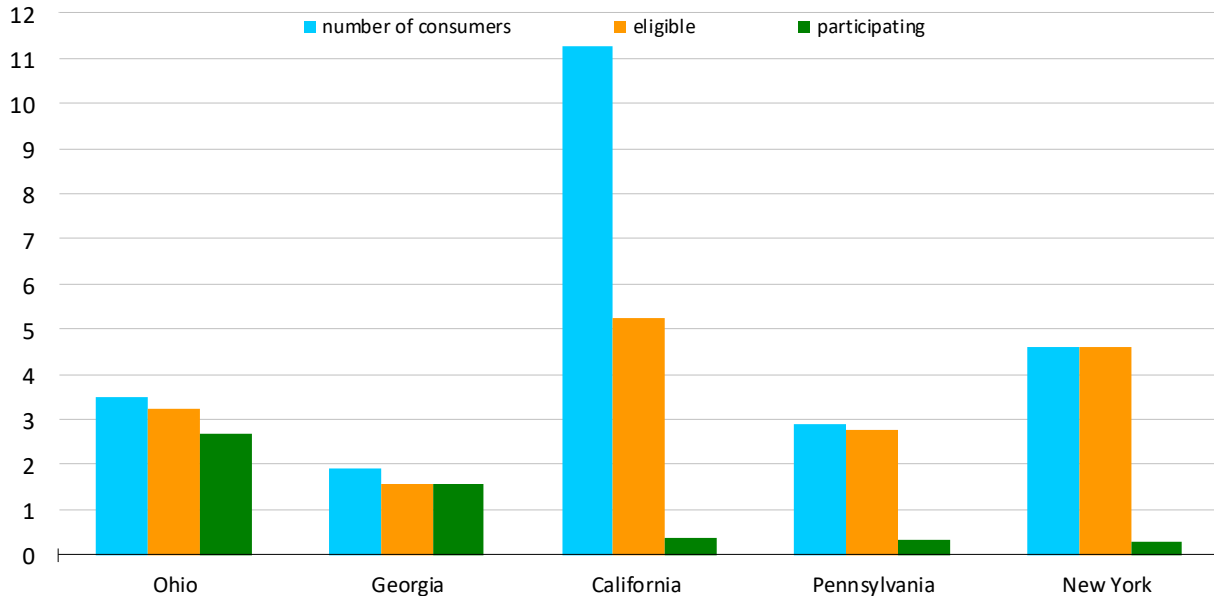
State or district	Number of consumers	Eligible	Participating
California	11,280,329	5,238,086	386,529
Colorado	1,891,533	1,363,264	0
Connecticut	588,711	3,176	717
District of Columbia	155,638	154,796	17,928
Florida	881,110	23,262	20,736
Georgia	1,893,058	1,572,030	1,572,030
Illinois	3,979,278	3,056,345	212,826
Indiana	1,831,536	786,344	59,345
Kentucky	789,333	123,979	12,466
Maryland	1,200,132	1,139,916	189,037
Massachusetts	1,790,157	1,756,863	22,623
Michigan	3,113,126	3,359,041	263,061
Montana	290,199	210,584	719
Nebraska	555,618	68,893	68,893
New Jersey	2,930,232	2,935,011	91,029
New Mexico	610,898	501,242	104
New York	4,588,842	4,584,538	289,180
Ohio	3,479,692	3,248,410	2,689,217
Pennsylvania	2,881,739	2,755,432	323,395
Rhode Island	247,508	247,508	0
Virginia	1,291,945	785,546	79,928
Wisconsin	1,839,813	1,158,064	0
Wyoming	172,035	75,775	57,168
Subtotal	48,282,462	35,148,105	6,356,931
Other States ^a	24,236,058	0	0
U.S. Total	72,518,520	35,148,105	6,356,931

^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 participants in a residential customer choice program, 2022



Source: 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, 2022

State or district	Dry production	Total consumption
Alabama	0.3	1.5
Alaska	1.0	2.1
Arizona	<	0.6
Arkansas	1.1	1.0
California	0.4	7.0
Colorado	4.5	1.9
Connecticut	--	0.7
Delaware	--	0.3
District of Columbia	--	0.1
Florida	<	1.1
Georgia	--	1.8
Gulf of Mexico	1.9	0.4
Hawaii	--	<
Idaho	<	0.5
Illinois	<	4.8
Indiana	<	3.2
Iowa	--	1.9
Kansas	0.4	1.4
Kentucky	0.2	1.2
Louisiana	11.1	7.9
Maine	--	0.2
Maryland	<	1.0
Massachusetts	--	1.5
Michigan	0.2	3.5
Minnesota	--	2.2
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	--	2.4
New Mexico	6.8	1.0
New York	<	4.4
North Carolina	--	1.3
North Dakota	2.2	0.9
Ohio	6.0	4.3
Oklahoma	6.9	2.3
Oregon	<	0.7
Pennsylvania	20.4	4.9
Rhode Island	--	0.2
South Carolina	--	0.8
South Dakota	<	0.4
Tennessee	<	1.5
Texas	25.4	15.3
Utah	0.7	1.0
Vermont	--	0.1
Virginia	0.2	1.4
Washington	--	1.3
West Virginia	7.4	1.2
Wisconsin	--	2.1
Wyoming	2.7	0.8
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, 2022

State or district	Residential	Commercial	Industrial	Vehicle fuel	Electric power
Alabama	0.6	0.7	2.5	0.1	3.8
Alaska	0.4	0.5	0.7	<	0.2
Arizona	0.8	1.0	0.2	3.3	2.8
Arkansas	0.6	1.6	1.2	0.1	1.5
California	8.7	7.0	7.6	43.9	5.3
Colorado	2.9	1.8	1.1	1.3	1.0
Connecticut	1.0	1.6	0.3	0.3	1.4
Delaware	0.2	0.3	0.4	--	0.3
District of Columbia	0.2	0.4	--	0.4	--
Florida	0.4	1.8	1.5	9.8	11.5
Georgia	2.7	1.6	1.8	2.2	3.5
Hawaii	<	0.1	<	--	--
Idaho	0.7	0.7	0.5	0.1	0.3
Illinois	8.5	7.0	3.1	0.1	1.6
Indiana	2.9	2.7	4.6	2.5	1.9
Iowa	1.4	1.7	2.9	<	0.4
Kansas	1.3	1.3	1.7	2.0	0.2
Kentucky	1.0	1.1	1.5	<	1.1
Louisiana	0.7	0.9	13.7	0.5	3.0
Maine	0.1	0.3	0.2	<	0.2
Maryland	1.7	2.1	0.2	0.5	0.8
Massachusetts	2.6	3.3	0.6	0.2	1.0
Michigan	6.6	5.1	2.0	1.6	2.6
Minnesota	3.0	3.4	1.8	0.9	0.7
Mississippi	0.5	0.6	1.7	<	3.1
Missouri	2.1	1.9	0.8	0.2	0.6
Montana	0.5	0.8	0.3	<	0.1
Nebraska	0.8	0.9	1.1	0.8	0.1
Nevada	0.9	0.9	0.2	1.8	1.5
New Hampshire	0.1	0.3	0.1	<	0.3
New Jersey	4.8	4.4	0.9	1.0	2.1
New Mexico	0.7	0.8	0.2	0.6	0.7
New York	9.1	8.7	1.0	3.6	3.9
North Carolina	1.5	1.7	1.4	2.6	3.8
North Dakota	0.3	0.5	0.5	<	0.1
Ohio	5.9	5.2	3.7	3.9	3.8
Oklahoma	1.2	1.3	2.5	3.5	2.4
Oregon	1.0	0.9	0.7	<	1.1
Pennsylvania	4.8	4.8	3.0	4.8	7.2
Rhode Island	0.4	0.3	0.1	0.2	0.5
South Carolina	0.7	0.7	1.2	0.2	1.6
South Dakota	0.3	0.4	0.6	--	0.1
Tennessee	1.5	1.7	1.8	2.2	1.0
Texas	4.7	5.6	23.0	2.0	14.8
Utah	1.6	1.4	0.4	0.5	0.7
Vermont	0.1	0.2	<	0.1	<
Virginia	1.7	2.1	1.3	1.0	3.0
Washington	1.9	1.8	0.9	0.3	0.8
West Virginia	0.5	0.7	0.4	<	0.1
Wisconsin	3.0	3.3	1.8	0.6	1.3
Wyoming	0.3	0.4	0.7	<	0.1
Total	100.0	100.0	100.0	100.0	100.0

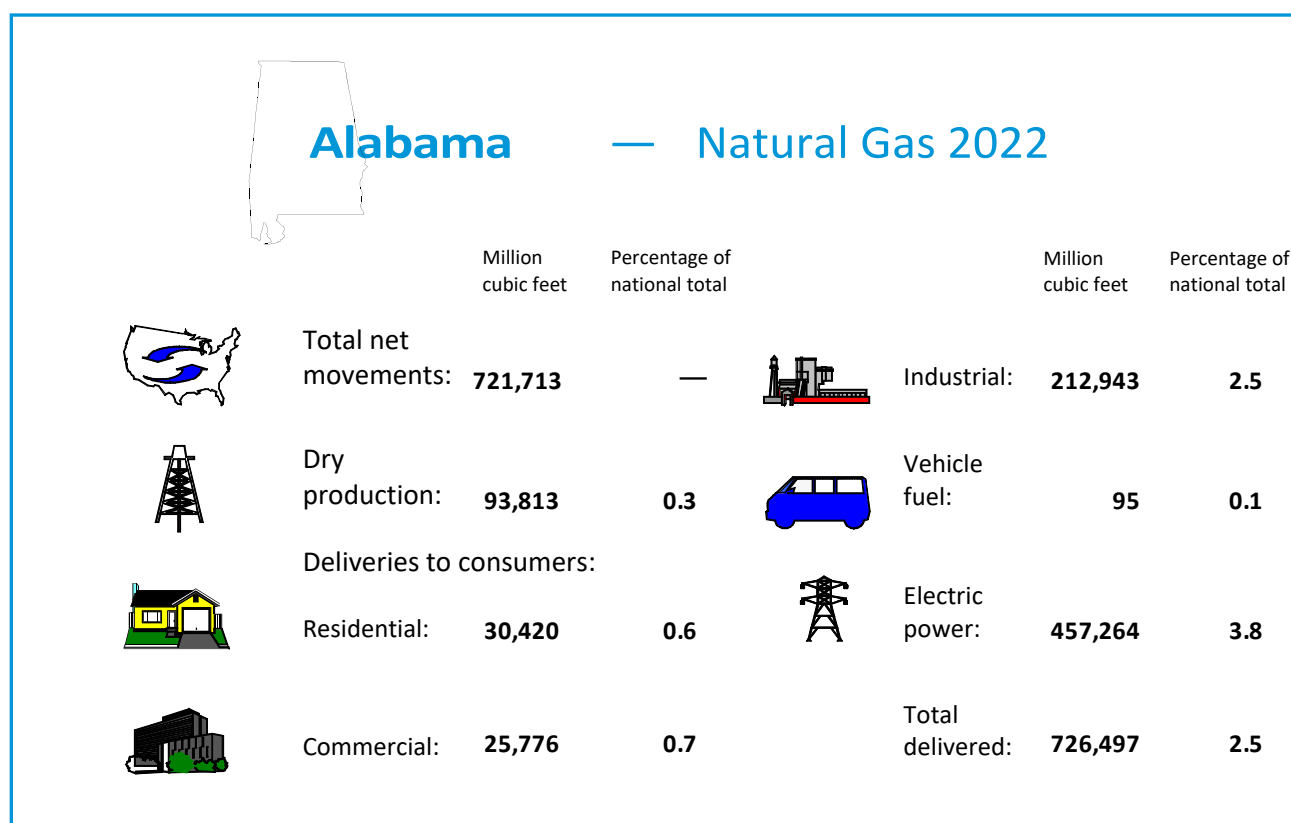
-- Not applicable.

< 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, 2018-2022**

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	75,326	72,500	R65,788	61,097	53,835
Oil wells	7,595	5,269	4,032	3,711	2,861
Coalbed wells	56,557	52,300	47,210	42,425	39,094
Shale gas wells	0	0	0	0	0
Total gross withdrawals	139,477	130,069	R117,030	107,233	95,790
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	139,477	130,069	R117,030	107,233	95,790
NGPL production, gaseous equivalent	4,047	3,190	2,795	3,048	1,977
Total dry production	135,430	126,879	R114,235	104,185	93,813
Supply (million cubic feet)					
Dry production	135,430	126,879	R114,235	104,185	93,813
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	4,575,005	4,126,553	R4,206,042	R4,381,965	4,743,647
Withdrawals from storage					
Underground storage	38,089	29,283	23,286	31,310	35,191
Liquefied natural gas (LNG) storage	1,730	686	801	1,243	926
Supplemental gas supplies	0	0	0	0	0
Balancing item	-94,265	-77,752	R-133,991	R-62,133	-55,381
Total supply	4,655,990	4,205,649	4,210,373	R4,456,569	4,818,196

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	750,188	728,337	693,377	R717,643	766,838
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	3,868,493	3,442,685	3,491,175	3,708,730	4,021,934
Additions to storage					
Underground storage	35,430	33,963	25,026	28,854	28,912
LNG storage	1,879	664	794	1,342	511
Total disposition	4,655,990	4,205,649	4,210,373	R4,456,569	4,818,196
Consumption (million cubic feet)					
Lease fuel	8,444	E7,674	6,905	6,327	E5,652
Pipeline and distribution use	25,393	23,869	25,442	25,009	29,677
Plant fuel	4,943	5,240	4,585	4,987	5,012
Delivered to consumers					
Residential	34,726	30,616	28,178	R32,226	30,420
Commercial	26,636	24,875	22,906	R25,711	25,776
Industrial	219,057	217,040	209,124	R233,072	212,943
Vehicle fuel	83	91	71	74	95
Electric power	430,906	418,932	396,165	R390,239	457,264
Total delivered to consumers	711,408	691,554	656,445	R681,321	726,497
Total consumption	750,188	728,337	693,377	R717,643	766,838
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	5,629	5,355	5,151	5,410	5,924
Industrial	166,128	166,132	159,976	176,381	157,915
Number of consumers					
Residential	778,702	783,849	777,368	R788,752	788,589
Commercial	69,131	69,801	69,559	R69,942	69,984
Industrial	3,493	3,511	3,533	R3,575	3,601
Average annual consumption per consumer (thousand cubic feet)					
Commercial	385	356	329	R368	368
Industrial	62,713	61,817	59,192	R65,195	59,134
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.87	3.56	2.98	4.16	6.74
Delivered to consumers					
Residential	15.22	15.63	16.01	15.72	17.36
Commercial	11.89	11.87	11.93	12.03	13.52
Industrial	4.22	3.95	3.54	R4.86	7.87
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); 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.

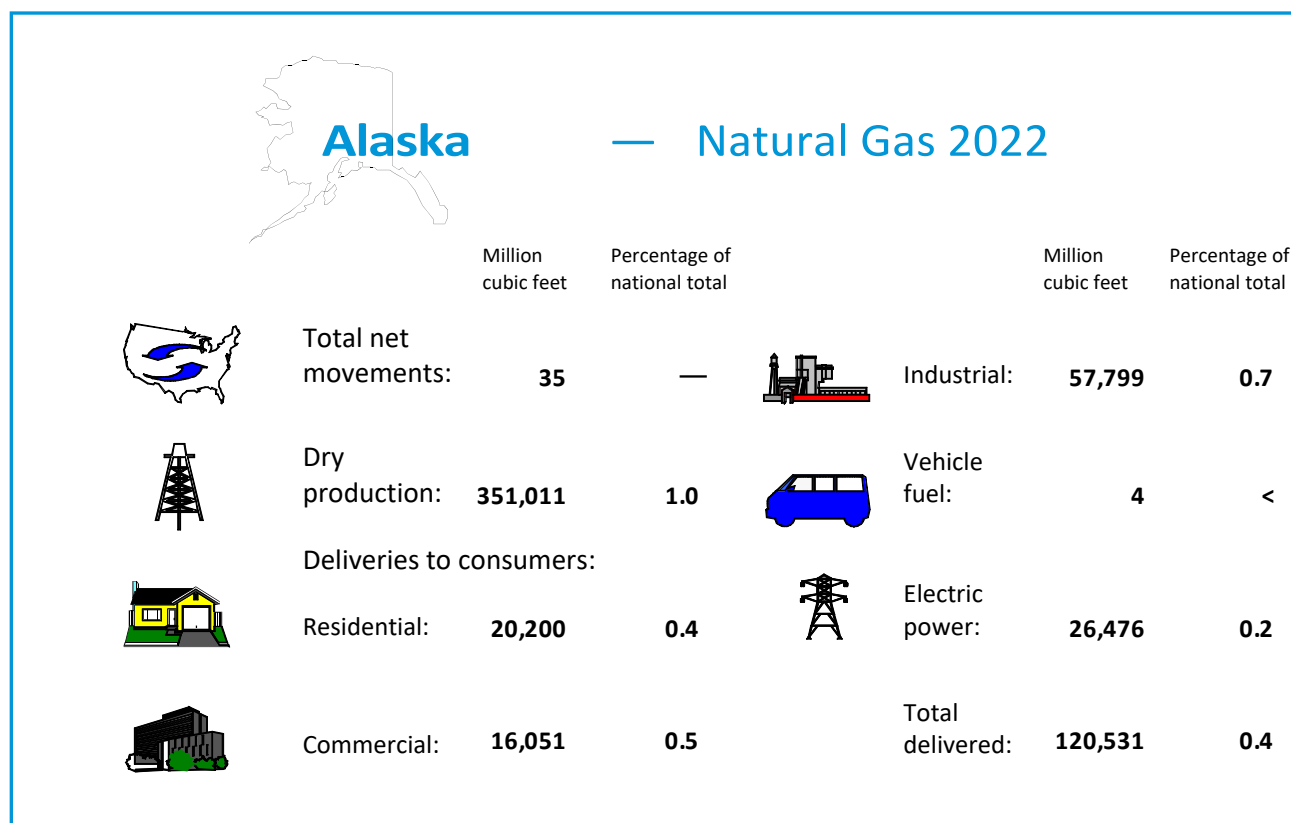


Table S2. Summary statistics for natural gas – Alaska, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	72,025	65,012	67,629	70,835	75,541
Oil wells	3,182,687	3,185,340	3,362,694	3,415,221	3,511,340
Coalbed wells	0	0	0	0	0
Shale gas wells	0	0	0	0	0
Total gross withdrawals	3,254,712	3,250,353	3,430,322	3,486,056	3,586,882
Non-marketed disposition					
Repressuring	2,905,187	2,913,744	3,085,278	3,125,427	3,206,628
Vented and flared	8,210	7,248	5,707	5,969	7,113
Nonhydrocarbon gases removed	0	0	0	0	0
Total non-marketed disposition	2,913,397	2,920,991	3,090,985	3,131,396	3,213,741
Dry production					
Marketed production	341,315	329,361	339,337	354,660	373,141
NGPL production, gaseous equivalent	19,821	19,857	20,756	21,043	22,130
Total dry production	321,494	309,504	318,581	333,617	351,011
Supply (million cubic feet)					
Dry production	321,494	309,504	318,581	333,617	351,011
Receipts					
Imports	1	6	1	0	35
Intransit receipts	0	0	0	0	0
Interstate receipts	0	0	0	0	0
Withdrawals from storage					
Underground storage	11,094	15,387	15,267	13,749	10,656
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	0	0	0	0	0
Balancing item	34,533	35,026	57,354	66,360	97,661
Total supply	367,121	359,923	391,203	413,725	459,363

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	355,132	348,968	R380,265	R402,840	444,725
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	11,990	10,955	10,938	10,885	14,639
LNG storage	0	0	0	0	0
Total disposition	367,121	359,923	R391,203	R413,725	459,363
Consumption (million cubic feet)					
Lease fuel	E249,643	E246,649	R253,758	257,603	262,589
Pipeline and distribution use	561	359	383	491	461
Plant fuel	40,545	39,104	58,835	59,942	61,144
Delivered to consumers					
Residential	18,607	17,951	21,049	21,538	20,200
Commercial	14,489	14,570	16,598	16,817	16,051
Industrial	5,890	5,929	6,796	R20,935	57,799
Vehicle fuel	5	4	5	4	4
Electric power	25,393	24,401	22,841	R25,510	26,476
Total delivered to consumers	64,383	62,855	67,290	R84,804	120,531
Total consumption	355,132	348,968	R380,265	R402,840	444,725
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	210	234	56	52	65
Industrial	0	0	0	R10,032	9,613
Number of consumers					
Residential	133,940	135,355	136,814	138,362	140,050
Commercial	13,870	13,940	14,068	14,177	14,309
Industrial	6	7	7	7	7
Average annual consumption per consumer (thousand cubic feet)					
Commercial	1,045	1,045	1,180	1,186	1,122
Industrial	981,588	847,025	970,908	R2,990,663	8,256,978
Average price for natural gas (dollars per thousand cubic feet)					
Imports	9.90	9.68	9.10	--	12.07
Exports	--	--	--	--	--
Citygate	7.33	8.27	8.25	7.94	8.12
Delivered to consumers					
Residential	10.99	11.11	11.14	10.94	11.08
Commercial	9.99	9.89	9.91	9.88	10.13
Industrial	5.81	5.85	4.83	5.20	6.72
Electric power	6.72	6.98	6.44	R6.25	5.59

– 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); 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.

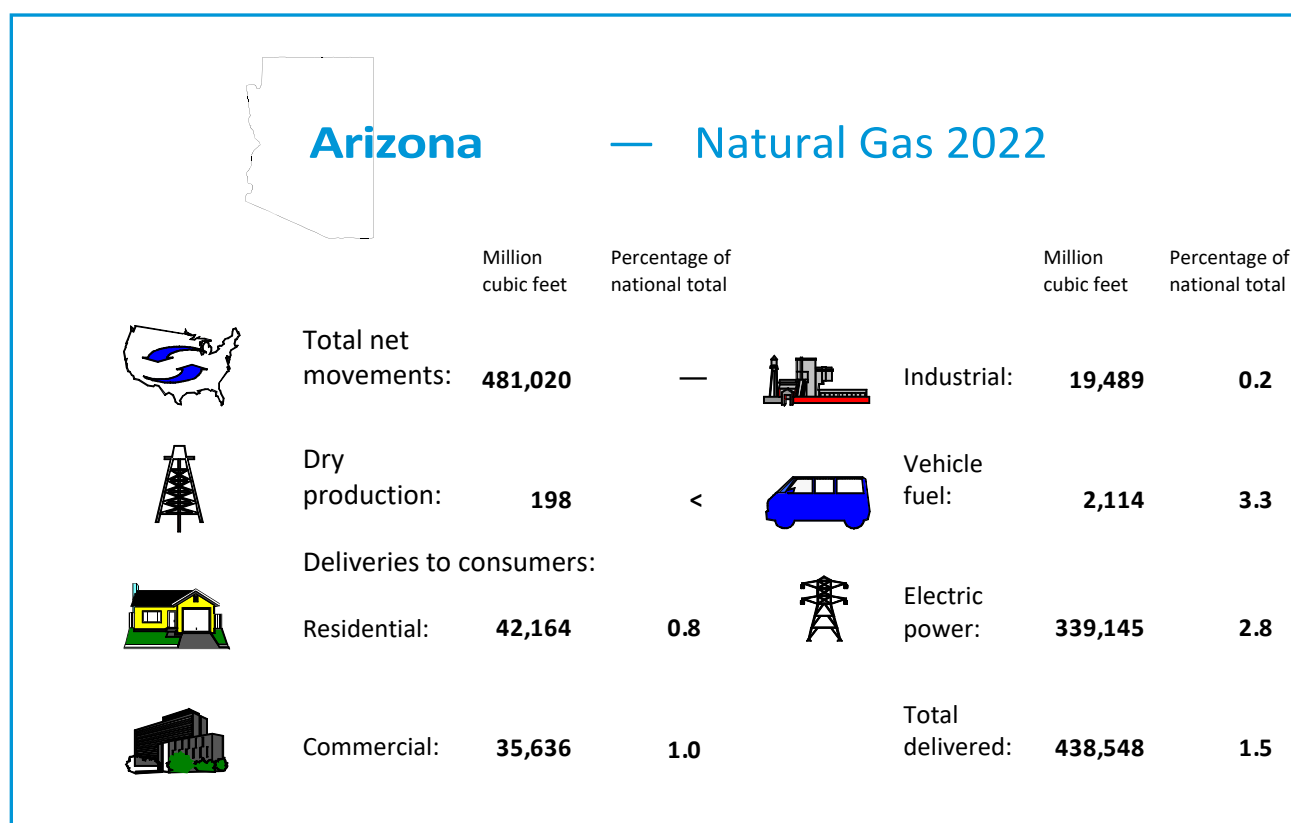


Table S3. Summary statistics for natural gas – Arizona, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	42	66	R87	229	198
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	42	66	R87	229	198
Non-marketed disposition					
Repressuring	0	NA	NA	NA	NA
Vented and flared	0	NA	NA	NA	NA
Nonhydrocarbon gases removed	0	NA	NA	NA	NA
Total non-marketed disposition	0	NA	NA	NA	NA
Dry production					
Marketed production	42	66	R87	229	198
NGPL production, gaseous equivalent	0	0	0	0	0
Total dry production	42	66	R87	229	198
Supply (million cubic feet)					
Dry production	42	66	R87	229	198
Receipts					
Imports	0	0	0	0	0
Intransit receipts	4,562	8,039	4,408	3,454	2,811
Interstate receipts	1,360,951	1,508,277	1,539,987	1,525,705	1,469,597
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	-40,844	-37,214	R-34,011	R-35,060	-26,721
Total supply	1,324,712	1,479,168	R1,510,471	R1,494,329	1,445,885

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	384,753	469,232	R499,552	R469,470	454,497
Deliveries					
Exports	115,237	109,933	110,640	85,698	53,330
Intransit deliveries	17,452	14,310	18,032	19,408	16,082
Interstate deliveries	807,270	885,694	882,247	919,753	921,976
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	0	0	0	0	0
Total disposition	1,324,712	1,479,168	R1,510,471	R1,494,329	1,445,885
Consumption (million cubic feet)					
Lease fuel	E3	E5	RE6	E16	14
Pipeline and distribution use	12,338	15,902	16,461	16,586	15,935
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	35,125	42,085	41,515	39,828	42,164
Commercial	31,812	34,687	31,605	33,279	35,636
Industrial	19,169	18,625	19,079	19,941	19,489
Vehicle fuel	1,656	1,622	2,027	2,071	2,114
Electric power	284,651	356,307	388,859	R357,748	339,145
Total delivered to consumers	372,412	453,325	483,085	R452,868	438,548
Total consumption	384,753	469,232	R499,552	R469,470	454,497
Delivered for other companies (million cubic feet)					
Residential	2	2	2	2	3
Commercial	5,811	6,411	5,763	6,164	6,963
Industrial	16,411	15,239	15,174	15,691	15,588
Number of consumers					
Residential	1,252,498	1,277,421	1,306,008	1,330,138	1,358,116
Commercial	57,504	57,868	58,226	58,749	59,335
Industrial	382	383	374	381	380
Average annual consumption per consumer (thousand cubic feet)					
Commercial	553	599	543	566	601
Industrial	50,179	48,630	51,012	52,339	51,287
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	2.38	2.59	1.52	5.32	6.44
Citygate	3.47	2.62	2.56	7.10	6.87
Delivered to consumers					
Residential	15.35	13.46	13.10	15.52	17.81
Commercial	8.69	7.29	6.91	8.68	10.81
Industrial	5.98	4.12	3.94	6.41	7.48
Electric power	3.08	W	W	W	8.68

– Not applicable.

^ Percentage is less than 0.05%.

E Estimated data.

NA Not available.

R Revised data.

RE Revised estimated 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); 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.

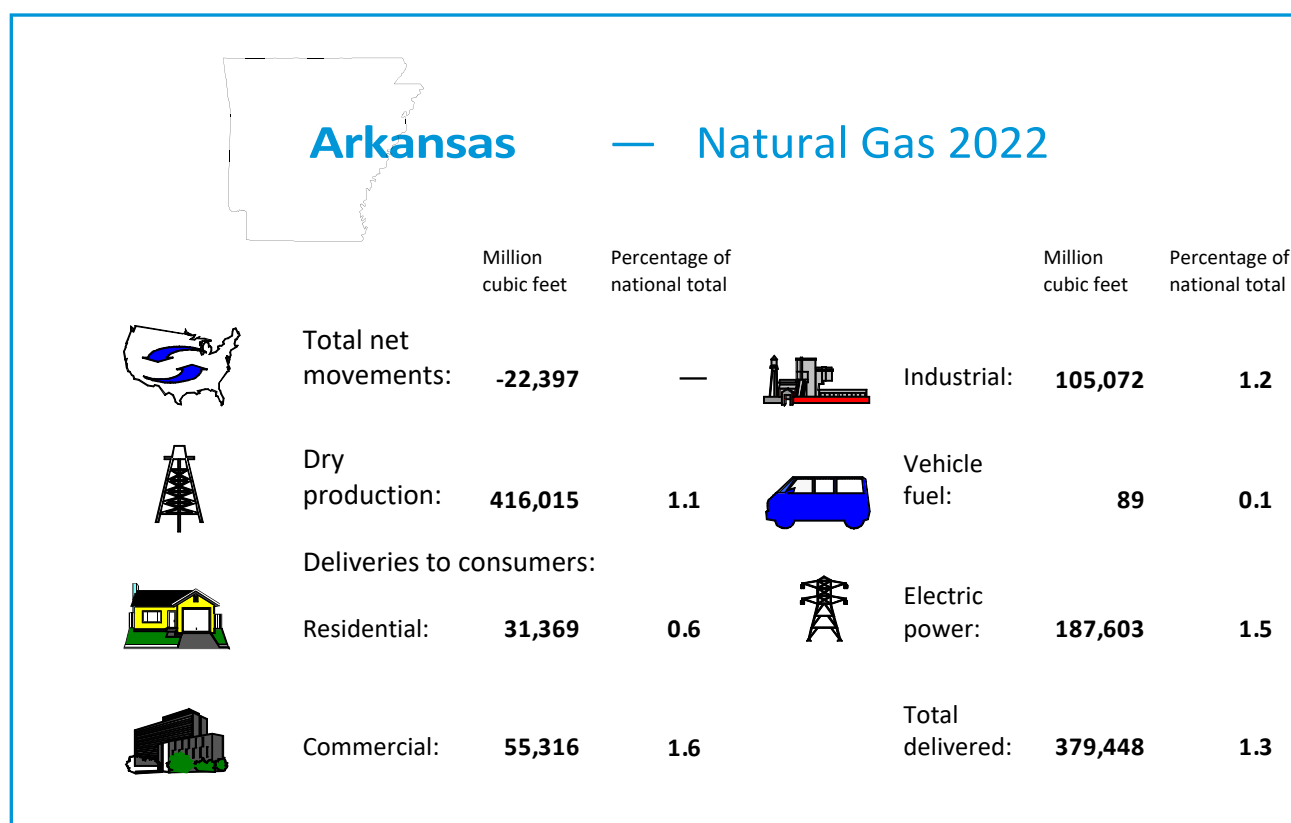


Table S4. Summary statistics for natural gas – Arkansas, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	81,008	70,525	R69,544	R67,068	65,585
Oil wells	2,530	1,991	R2,005	1,897	1,687
Coalbed wells	1,142	960	R951	909	809
Shale gas wells	505,306	451,281	R408,706	R378,410	348,114
Total gross withdrawals	589,985	524,757	R481,205	R448,283	416,196
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	589,985	524,757	R481,205	R448,283	416,196
NGPL production, gaseous equivalent	284	257	210	202	181
Total dry production	589,701	524,500	R480,995	R448,081	416,015
Supply (million cubic feet)					
Dry production	589,701	524,500	R480,995	R448,081	416,015
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	1,222,799	1,346,754	1,331,580	1,336,081	1,369,661
Withdrawals from storage					
Underground storage	4,852	4,942	5,418	4,797	6,658
Liquefied natural gas (LNG) storage	32	0	0	0	0
Supplemental gas supplies	0	0	0	0	0
Balancing item	-4,788	-2,513	R-4,444	R-1,149	-6,544
Total supply	1,812,595	1,873,683	R1,813,549	R1,787,809	1,785,790

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	360,804	364,821	R329,504	R353,475	387,849
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	1,446,286	1,503,850	1,478,592	R1,428,577	1,392,058
Additions to storage					
Underground storage	5,505	5,012	5,453	5,757	5,883
LNG storage	0	0	0	0	0
Total disposition	1,812,595	1,873,683	R1,813,549	R1,787,809	1,785,790
Consumption (million cubic feet)					
Lease fuel	E3,415	E3,149	RE2,887	RE2,690	E2,497
Pipeline and distribution use	7,276	7,686	R6,134	R5,161	5,644
Plant fuel	277	287	249	256	260
Delivered to consumers					
Residential	34,979	33,718	30,302	R33,841	31,369
Commercial	55,453	55,100	52,697	57,061	55,316
Industrial	106,692	105,280	101,783	104,988	105,072
Vehicle fuel	49	70	78	83	89
Electric power	152,665	159,531	135,375	R149,396	187,603
Total delivered to consumers	349,836	353,699	320,234	R345,368	379,448
Total consumption	360,804	364,821	R329,504	R353,475	387,849
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	33,216	33,483	33,458	35,185	34,511
Industrial	105,097	103,589	100,048	103,312	103,078
Number of consumers					
Residential	554,502	557,263	564,639	R568,639	566,288
Commercial	69,528	69,425	69,646	69,792	69,702
Industrial	976	965	948	925	887
Average annual consumption per consumer (thousand cubic feet)					
Commercial	798	794	757	818	794
Industrial	109,315	109,098	107,366	113,500	118,458
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.42	4.04	3.60	8.05	8.17
Delivered to consumers					
Residential	11.77	11.05	12.28	R12.55	16.78
Commercial	7.95	7.68	7.65	8.48	12.80
Industrial	6.78	6.25	6.25	7.76	10.46
Electric power	W	W	W	W	W

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

RE Revised estimated 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); 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.

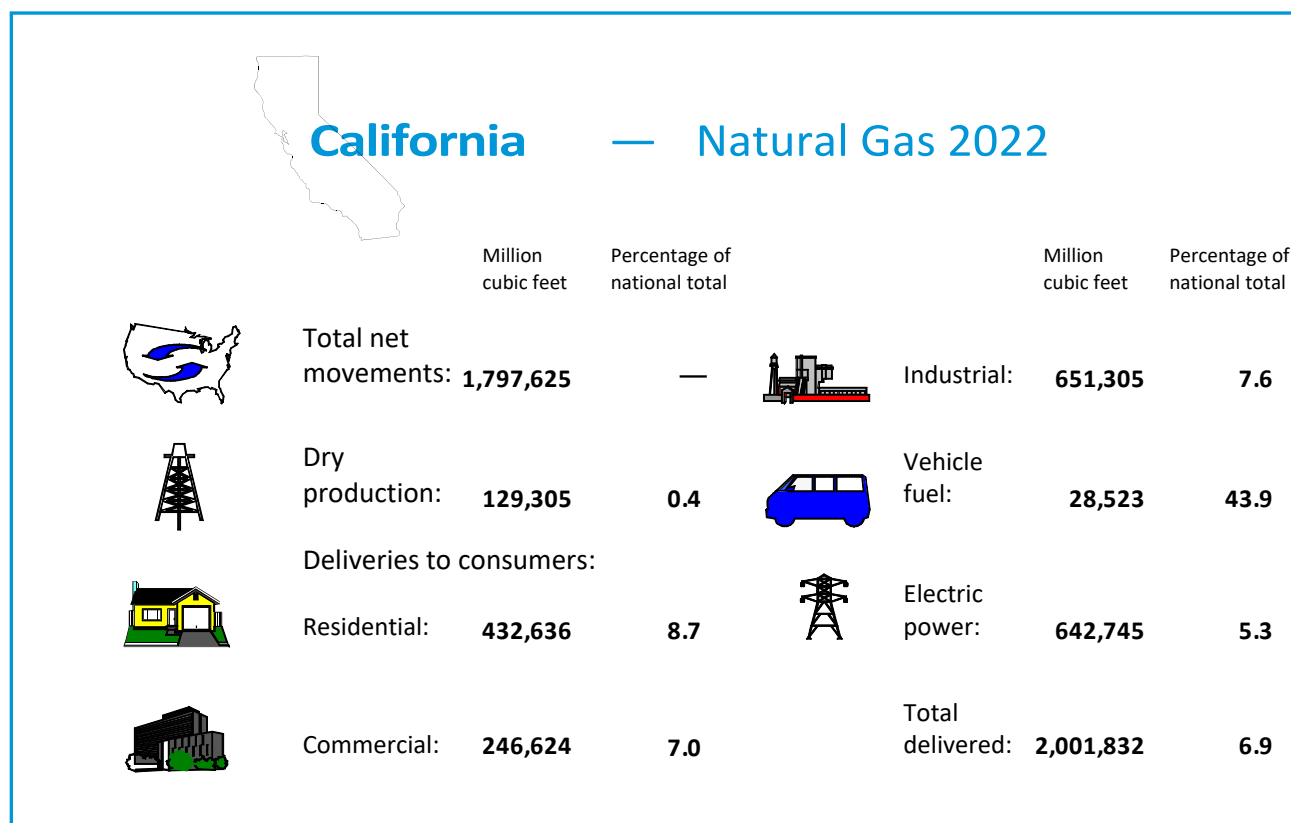


Table S5. Summary statistics for natural gas – California, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	45,984	38,831	R26,197	R24,317	24,665
Oil wells	39,959	45,270	R36,444	R34,716	31,972
Coalbed wells	2	1	1	1	1
Shale gas wells	116,671	112,721	R94,892	R78,505	81,117
Total gross withdrawals	202,617	196,823	R157,534	R137,540	137,754
Non-marketed disposition					
Repressuring	0	0	0	0	0
Vented and flared	0	0	R1,555	1,506	1,534
Nonhydrocarbon gases removed	0	0	0	0	0
Total non-marketed disposition	0	0	R1,555	1,506	1,534
Dry production					
Marketed production	202,617	196,823	R155,979	R136,034	136,220
NGPL production, gaseous equivalent	9,397	8,733	7,838	7,468	6,915
Total dry production	193,220	188,090	R148,141	R128,566	129,305
Supply (million cubic feet)					
Dry production	193,220	188,090	R148,141	R128,566	129,305
Receipts					
Imports	2,813	802	1,337	1,385	786
Intransit receipts	6,500	9,773	1,264	0	72
Interstate receipts	2,043,322	2,149,615	2,158,866	2,175,202	2,120,935
Withdrawals from storage					
Underground storage	201,291	199,313	149,418	184,290	199,235
Liquefied natural gas (LNG) storage	36	59	34	57	38
Supplemental gas supplies	0	0	0	0	0
Balancing item	86,543	63,084	R78,967	R96,838	80,899
Total supply	2,533,723	2,610,735	R2,538,027	R2,586,338	2,531,270

See footnotes at end of table.

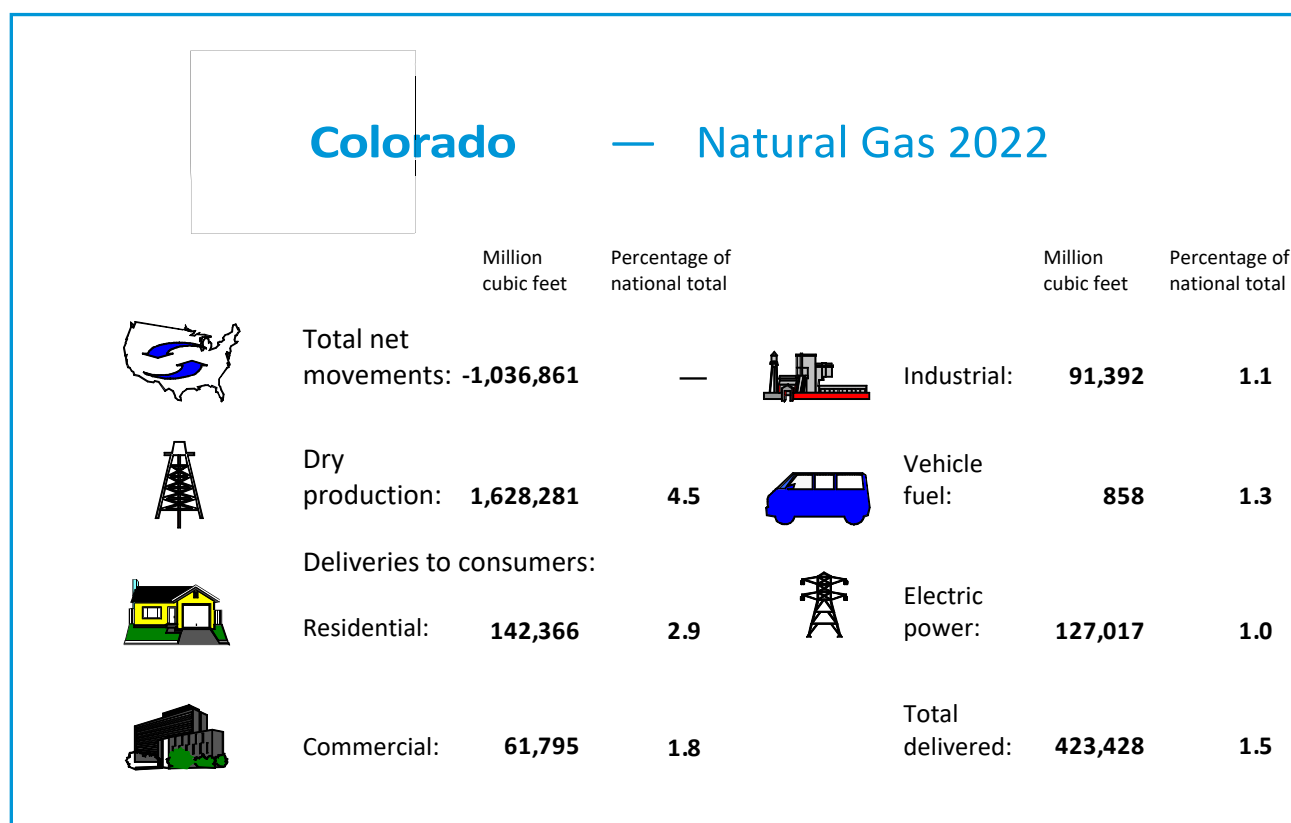
	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	2,137,920	2,145,776	R2,084,467	R2,101,312	2,056,267
Deliveries					
Exports	143,940	145,107	133,727	151,732	146,555
Intransit deliveries	0	0	17	0	0
Interstate deliveries	102,713	92,352	132,044	160,832	177,613
Additions to storage					
Underground storage	149,116	227,447	187,732	172,405	150,795
LNG storage	35	54	39	57	39
Total disposition	2,533,723	2,610,735	R2,538,027	R2,586,338	2,531,270
Consumption (million cubic feet)					
Lease fuel	39,720	38,789	R35,681	35,254	31,658
Pipeline and distribution use	18,866	22,171	18,936	21,449	20,709
Plant fuel	1,218	1,207	1,896	2,128	2,069
Delivered to consumers					
Residential	423,915	464,672	458,498	449,311	432,636
Commercial	248,012	255,981	232,642	240,019	246,624
Industrial	766,415	768,188	697,168	681,620	651,305
Vehicle fuel	25,053	26,427	23,390	25,449	28,523
Electric power	614,722	568,341	616,256	R646,082	642,745
Total delivered to consumers	2,078,116	2,083,609	2,027,954	R2,042,481	2,001,832
Total consumption	2,137,920	2,145,776	R2,084,467	R2,101,312	2,056,267
Delivered for other companies (million cubic feet)					
Residential	21,713	23,133	20,838	19,323	18,138
Commercial	120,738	120,640	115,319	112,124	113,017
Industrial	735,230	735,748	666,288	648,671	618,992
Number of consumers					
Residential	11,025,789	11,112,094	11,186,350	11,232,552	11,280,329
Commercial	445,408	447,779	447,120	444,760	444,538
Industrial	36,060	35,625	35,517	35,498	34,860
Average annual consumption per consumer (thousand cubic feet)					
Commercial	557	572	520	540	555
Industrial	21,254	21,563	19,629	19,202	18,683
Average price for natural gas (dollars per thousand cubic feet)					
Imports	4.71	3.71	4.12	13.06	18.03
Exports	3.19	2.77	2.47	4.77	7.98
Citygate	3.29	3.10	3.02	4.29	8.02
Delivered to consumers					
Residential	12.30	12.95	14.14	16.34	20.15
Commercial	8.57	9.41	9.78	12.04	16.13
Industrial	7.12	7.69	7.55	9.75	13.73
Electric power	4.63	3.87	3.36	5.57	10.22

^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); 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, 2018-2022**

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	678,114	667,670	R610,626	R554,442	515,347
Oil wells	25,051	26,649	R14,252	R8,367	5,653
Coalbed wells	354,630	325,683	R292,248	R269,714	257,213
Shale gas wells	795,628	971,194	R1,082,658	R1,059,391	1,056,265
Total gross withdrawals	1,853,423	1,991,195	R1,999,784	R1,891,913	1,834,478
Non-marketed disposition					
Repressuring	NA	NA	NA	NA	NA
Vented and flared	6,021	4,279	R3,044	RE1,653	E1,459
Nonhydrocarbon gases removed	NA	NA	NA	NA	NA
Total non-marketed disposition	6,021	4,279	R3,044	R1,653	1,459
Dry production					
Marketed production	1,847,402	1,986,916	R1,996,740	R1,890,260	1,833,019
NGPL production, gaseous equivalent	143,285	149,988	181,689	R192,941	204,738
Total dry production	1,704,117	1,836,928	R1,815,051	R1,697,319	1,628,281
Supply (million cubic feet)					
Dry production	1,704,117	1,836,928	R1,815,051	R1,697,319	1,628,281
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	1,593,916	1,110,715	811,374	652,676	710,041
Withdrawals from storage					
Underground storage	71,288	66,101	63,351	62,647	64,559
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	5,126	5,386	4,759	3,938	5,401
Balancing item	-135,521	-111,464	R-70,982	R-68,586	-94,413
Total supply	3,238,927	2,907,666	R2,623,553	R2,347,995	2,313,869

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	485,735	513,974	R517,367	R483,240	503,514
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	57	42	122
Interstate deliveries	2,687,326	2,318,795	2,038,796	1,802,138	1,746,780
Additions to storage					
Underground storage	65,866	74,897	67,332	62,575	63,453
LNG storage	0	0	0	0	0
Total disposition	3,238,927	2,907,666	R2,623,553	R2,347,995	2,313,869
Consumption (million cubic feet)					
Lease fuel	E38,855	E29,232	R35,331	RE36,511	E35,510
Pipeline and distribution use	9,408	10,871	10,175	R8,436	8,508
Plant fuel	37,611	45,119	52,698	R39,036	36,068
Delivered to consumers					
Residential	128,150	142,692	136,586	R135,321	142,366
Commercial	55,887	61,755	57,282	R59,180	61,795
Industrial	88,654	91,693	84,130	86,701	91,392
Vehicle fuel	1,276	1,837	943	1,766	858
Electric power	125,894	130,775	140,222	R116,288	127,017
Total delivered to consumers	399,861	428,753	419,163	R399,256	423,428
Total consumption	485,735	513,974	R517,367	R483,240	503,514
Delivered for other companies (million cubic feet)					
Residential	3	3	3	3	0
Commercial	3,301	3,616	3,273	3,415	3,595
Industrial	82,120	84,137	76,987	78,822	82,022
Number of consumers					
Residential	1,784,751	1,813,004	1,840,038	1,867,050	1,891,533
Commercial	153,446	152,220	152,693	153,435	155,259
Industrial	9,366	9,656	9,753	9,786	9,683
Average annual consumption per consumer (thousand cubic feet)					
Commercial	364	406	375	386	398
Industrial	9,466	9,496	8,626	8,860	9,438
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.63	3.38	2.74	6.81	6.61
Delivered to consumers					
Residential	7.74	7.77	7.22	R9.11	12.72
Commercial	6.84	6.92	6.23	7.97	11.38
Industrial	5.28	5.36	4.95	7.13	10.12
Electric power	W	W	W	W	W

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

RE Revised estimated 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); 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.

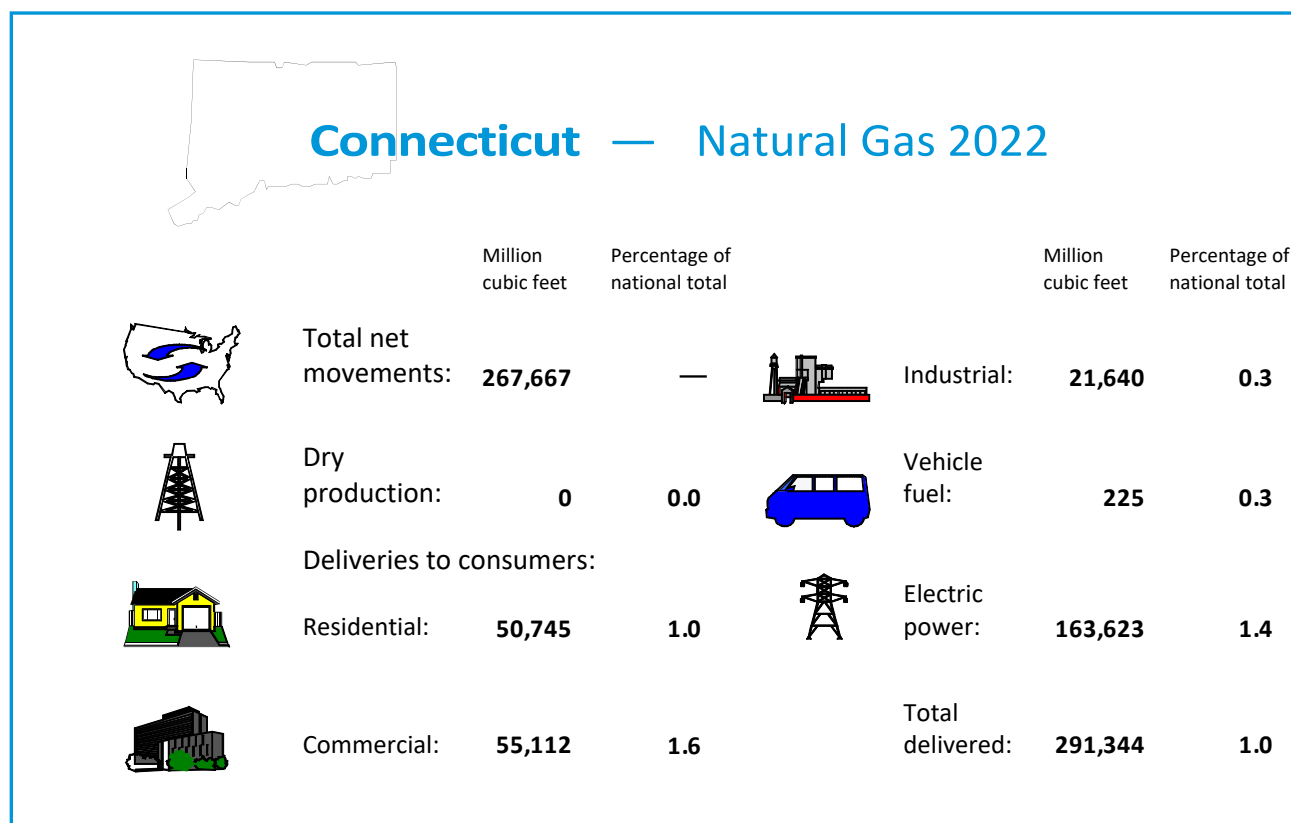


Table S7. Summary statistics for natural gas – Connecticut, 2018-2022

	2018	2019	2020	2021	2022
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	620,501	622,173	621,454	628,055	612,711
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	1,019	898	782	759	1,546
Supplemental gas supplies	0	0	0	0	0
Balancing item	457	-877	862	29,055	28,740
Total supply	621,977	622,194	623,098	657,869	642,997

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	277,931	284,610	R289,440	R296,584	297,253
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	343,260	336,961	333,087	360,797	345,045
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	785	624	571	488	700
Total disposition	621,977	622,194	R623,098	R657,869	642,997
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	5,792	6,567	R7,465	R6,936	5,909
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	53,100	52,228	48,701	49,873	50,745
Commercial	58,184	57,642	R52,185	R53,529	55,112
Industrial	24,562	24,520	23,019	22,550	21,640
Vehicle fuel	218	205	211	200	225
Electric power	136,075	143,448	157,861	R163,495	163,623
Total delivered to consumers	272,139	278,042	R281,975	R289,649	291,344
Total consumption	277,931	284,610	R289,440	R296,584	297,253
Delivered for other companies (million cubic feet)					
Residential	1,988	1,947	1,829	1,846	1,786
Commercial	13,714	12,925	12,477	12,780	10,569
Industrial	11,833	11,975	12,069	11,622	10,830
Number of consumers					
Residential	556,724	567,082	576,971	584,002	588,711
Commercial	59,462	61,988	R62,169	R63,125	62,951
Industrial	3,235	3,181	3,111	2,964	2,822
Average annual consumption per consumer (thousand cubic feet)					
Commercial	979	930	R839	R848	875
Industrial	7,593	7,708	7,399	7,608	7,668
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	5.55	5.36	4.93	6.09	7.93
Delivered to consumers					
Residential	13.92	14.61	14.68	16.06	18.36
Commercial	9.23	9.75	R9.23	R10.75	12.85
Industrial	6.55	6.82	6.25	7.63	10.37
Electric power	4.80	3.61	2.48	4.83	9.11

-- 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); 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.

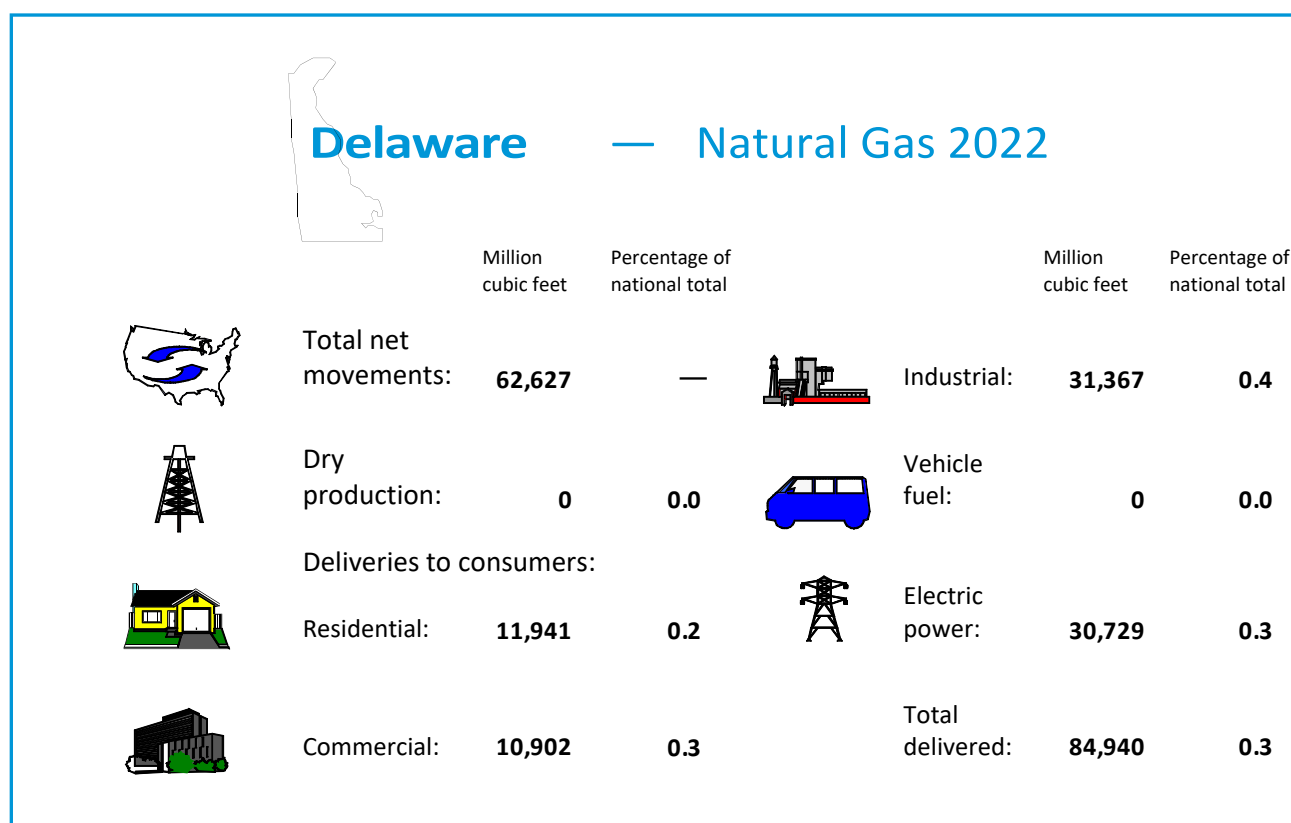


Table S8. Summary statistics for natural gas – Delaware, 2018-2022

	2018	2019	2020	2021	2022
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	68,692	69,985	68,691	65,623	69,843
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	133	261	67	69	96
Supplemental gas supplies	16	4	*	*	0
Balancing item	32,439	26,627	24,681	20,923	23,171
Total supply	101,279	96,877	93,440	86,615	93,110

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	95,516	89,767	85,942	79,680	85,811
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	5,693	7,067	7,384	6,871	7,216
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	71	43	114	64	83
Total disposition	101,279	96,877	89,440	86,615	93,110
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	735	565	579	689	871
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	12,076	11,643	10,851	11,524	11,941
Commercial	15,593	15,590	10,249	10,621	10,902
Industrial	30,783	33,865	34,896	32,826	31,367
Vehicle fuel	1	2	6	0	0
Electric power	36,328	28,101	29,361	24,020	30,729
Total delivered to consumers	94,781	89,202	85,363	78,991	84,940
Total consumption	95,516	89,767	85,942	79,680	85,811
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	9,945	10,018	5,344	5,435	5,465
Industrial	30,671	33,751	34,789	32,753	31,286
Number of consumers					
Residential	176,414	180,758	185,217	190,281	196,523
Commercial	14,255	14,343	14,415	14,432	14,625
Industrial	134	151	135	130	153
Average annual consumption per consumer (thousand cubic feet)					
Commercial	1,094	1,087	711	736	745
Industrial	229,727	224,271	258,486	252,507	205,014
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	5.59	5.71	5.38	5.98	7.36
Delivered to consumers					
Residential	12.60	12.10	12.95	13.14	15.00
Commercial	10.49	10.04	10.78	10.81	12.37
Industrial	10.07	9.67	10.78	11.59	12.05
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); 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.

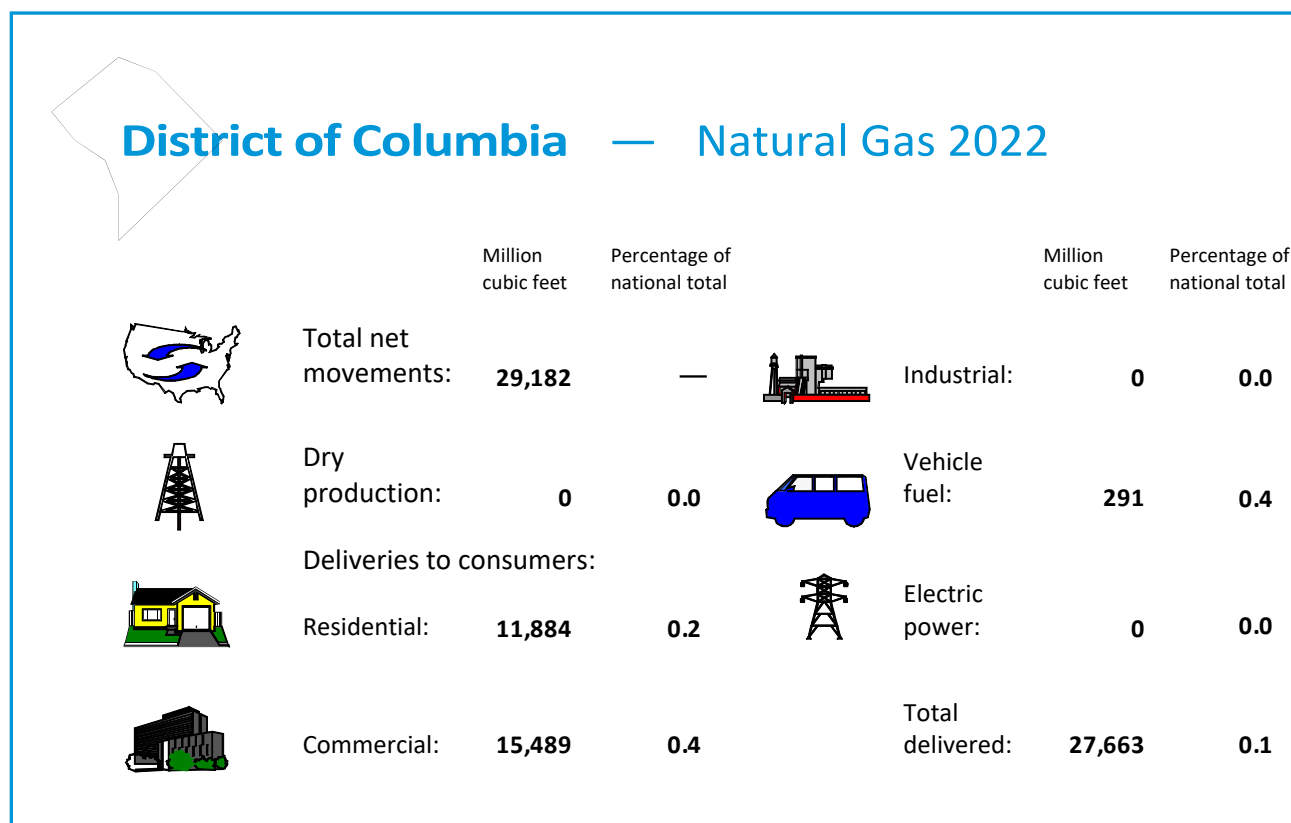


Table S9. Summary statistics for natural gas – District of Columbia, 2018-2022

	2018	2019	2020	2021	2022
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	31,477	30,534	27,090	27,458	29,182
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	13	0	0	0	0
Total supply	31,490	30,534	27,090	27,458	29,182

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	31,490	30,534	27,090	27,458	29,182
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	31,490	30,534	27,090	27,458	29,182
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	1,317	1,898	561	902	1,518
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	13,112	12,065	11,236	11,521	11,884
Commercial	16,621	16,125	15,072	14,760	15,489
Industrial	0	0	0	0	0
Vehicle fuel	439	446	221	274	291
Electric power	--	--	--	--	--
Total delivered to consumers	30,172	28,636	26,529	26,555	27,663
Total consumption	31,490	30,534	27,090	27,458	29,182
Delivered for other companies (million cubic feet)					
Residential	3,200	2,953	2,933	2,942	3,032
Commercial	13,014	12,779	12,296	11,731	12,024
Industrial	0	0	0	0	0
Number of consumers					
Residential	153,691	154,375	155,294	155,091	155,638
Commercial	9,978	9,986	9,952	9,913	9,979
Industrial	0	0	0	0	0
Average annual consumption per consumer (thousand cubic feet)					
Commercial	1,666	1,615	1,514	1,489	1,552
Industrial	0	0	0	0	0
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	--	--	--	--	--
Delivered to consumers					
Residential	11.78	12.81	11.92	14.29	16.68
Commercial	10.42	11.23	10.58	12.89	15.05
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); 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.

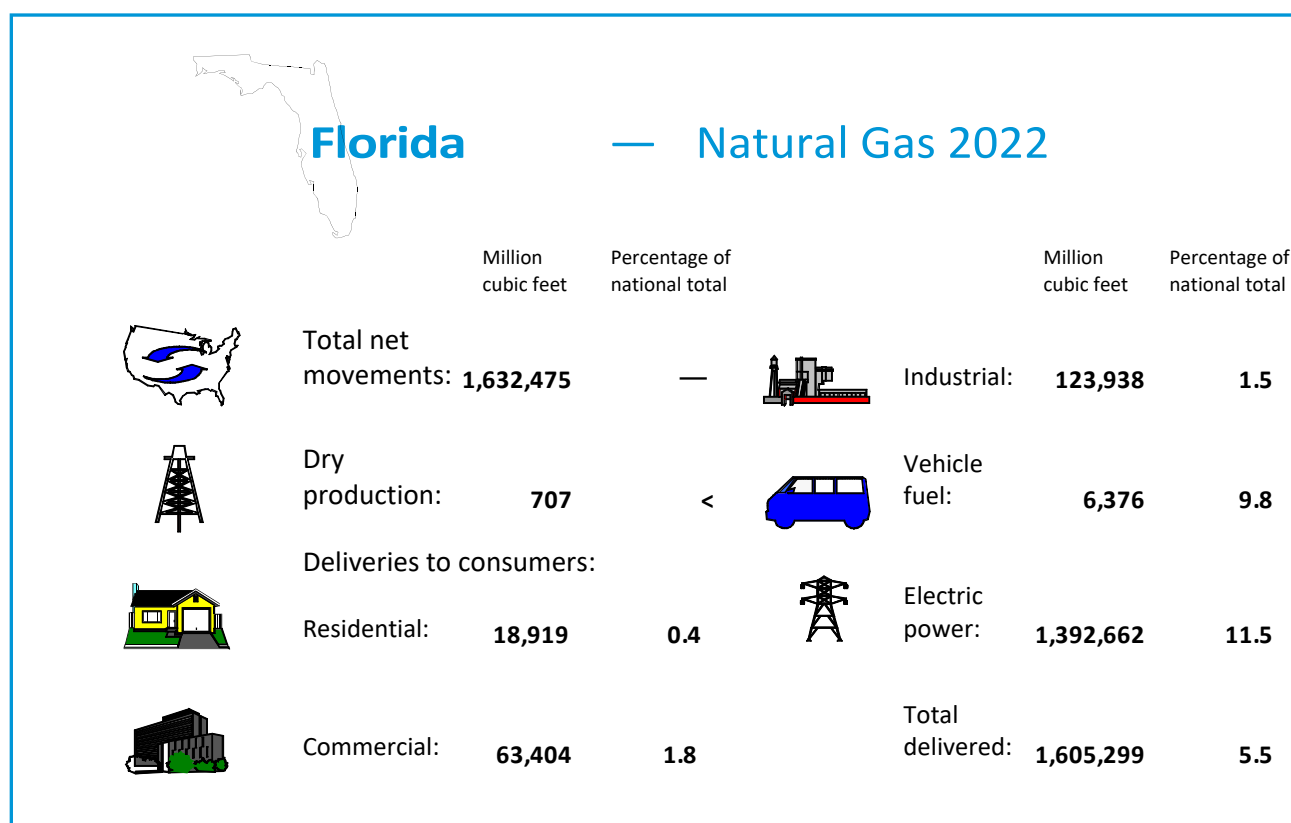


Table S10. Summary statistics for natural gas – Florida, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	7	2	R3	15	11
Oil wells	15,417	5,451	R6,022	8,979	8,421
Coalbed wells	0	0	0	0	0
Shale gas wells	0	0	0	0	0
Total gross withdrawals	15,424	5,453	R6,025	8,994	8,433
Non-marketed disposition					
Repressuring	14,636	4,599	5,325	E8,106	E7,584
Vented and flared	NA	NA	NA	NA	NA
Nonhydrocarbon gases removed	NA	NA	NA	NA	NA
Total non-marketed disposition	14,636	4,599	5,325	8,106	7,584
Dry production					
Marketed production	788	854	R700	888	849
NGPL production, gaseous equivalent	212	290	217	177	142
Total dry production	576	564	R483	711	707
Supply (million cubic feet)					
Dry production	576	564	R483	711	707
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	1,486,467	1,548,109	1,595,516	1,540,172	1,634,580
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	-9,569	-5,456	R-16,987	R11,790	-10,464
Total supply	1,477,473	1,543,217	1,579,012	R1,552,673	1,624,823

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	1,477,160	1,542,785	1,578,391	R1,551,524	1,622,717
Deliveries					
Exports	311	409	616	1,149	2,105
Intransit deliveries	0	0	0	0	0
Interstate deliveries	2	24	5	0	0
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	0	0	0	0	0
Total disposition	1,477,473	1,543,217	1,579,012	R1,552,673	1,624,823
Consumption (million cubic feet)					
Lease fuel	NA	NA	0	NA	NA
Pipeline and distribution use	16,817	16,768	16,222	14,767	17,200
Plant fuel	253	261	205	233	218
Delivered to consumers					
Residential	17,092	16,632	17,326	R19,405	18,919
Commercial	63,805	63,406	57,325	R63,000	63,404
Industrial	108,071	119,683	122,926	R131,472	123,938
Vehicle fuel	4,299	4,964	5,236	R5,727	6,376
Electric power	1,266,822	1,321,071	1,359,151	R1,316,920	1,392,662
Total delivered to consumers	1,460,090	1,525,755	1,561,964	R1,536,524	1,605,299
Total consumption	1,477,160	1,542,785	1,578,391	R1,551,524	1,622,717
Delivered for other companies (million cubic feet)					
Residential	1,419	1,447	1,372	1,514	1,477
Commercial	44,676	44,886	40,638	43,889	43,959
Industrial	104,305	115,751	118,683	127,364	120,146
Number of consumers					
Residential	759,925	785,502	814,864	R845,173	881,110
Commercial	69,143	70,734	71,725	R72,882	73,725
Industrial	491	504	515	R498	508
Average annual consumption per consumer (thousand cubic feet)					
Commercial	923	896	799	R864	860
Industrial	220,104	237,466	238,692	R264,000	243,973
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	10.39	10.39	10.39	10.40	10.40
Citygate	6.88	7.22	7.09	7.52	9.57
Delivered to consumers					
Residential	21.34	21.66	21.38	22.90	26.21
Commercial	11.20	11.46	11.47	R12.08	14.18
Industrial	6.38	6.16	5.55	R6.31	9.38
Electric power	W	3.80	W	R5.20	W

– Not applicable.

° Percentage is less than 0.05%.

^E Estimated data.

^{NA} Not available.

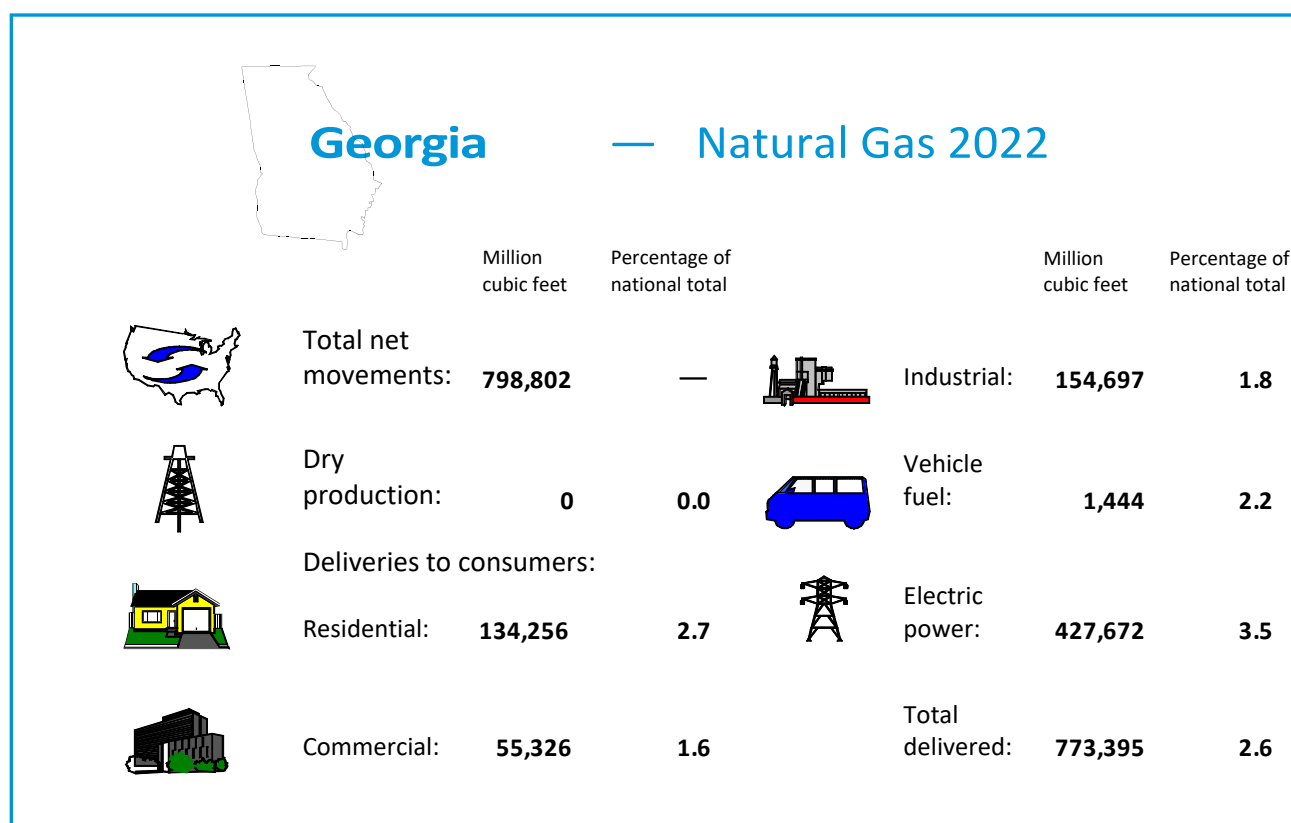
^R Revised data.

^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); 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, 2018-2022**

	2018	2019	2020	2021	2022
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	14,500	5,648	2,693	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	1,696,521	1,581,944	1,609,025	1,693,554	1,950,518
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	3,487	1,042	810	1,185	3,062
Supplemental gas supplies	460	437	405	383	352
Balancing item	7,887	5,441	5,852	¥5,847	-14,169
Total supply	1,722,855	1,594,511	1,618,786	¥1,700,969	1,939,763

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	738,986	767,401	757,782	753,193	784,466
Deliveries					
Exports	0	3,400	36,277	84,442	108,437
Intransit deliveries	0	0	0	0	0
Interstate deliveries	976,877	820,824	822,277	860,082	1,043,279
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	6,992	2,886	2,451	3,253	3,581
Total disposition	1,722,855	1,594,511	1,618,786	1,700,969	1,939,763
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	15,239	5,691	5,911	6,372	11,072
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	133,085	123,169	119,792	126,670	134,256
Commercial	56,539	53,611	50,471	53,082	55,326
Industrial	158,445	155,992	153,342	162,005	154,697
Vehicle fuel	2,031	1,795	1,588	1,518	1,444
Electric power	373,647	427,142	426,677	403,547	427,672
Total delivered to consumers	723,747	761,710	751,871	746,821	773,395
Total consumption	738,986	767,401	757,782	753,193	784,466
Delivered for other companies (million cubic feet)					
Residential	115,776	107,253	104,450	109,756	117,984
Commercial	44,296	41,734	39,981	41,668	43,917
Industrial	118,633	116,678	117,998	126,452	118,773
Number of consumers					
Residential	1,827,473	1,842,099	1,864,109	1,881,936	1,893,058
Commercial	125,741	126,480	125,698	126,651	126,358
Industrial	2,575	2,432	2,763	2,772	2,811
Average annual consumption per consumer (thousand cubic feet)					
Commercial	450	424	402	419	438
Industrial	61,532	64,142	55,498	58,443	55,033
Average price for natural gas (dollars per thousand cubic feet)					
Imports	4.41	4.78	1.84	--	--
Exports	--	W	6.78	7.38	11.03
Citygate	4.02	3.78	3.26	4.69	7.26
Delivered to consumers					
Residential	13.98	14.88	15.45	15.91	18.06
Commercial	8.17	8.21	7.69	8.59	11.39
Industrial	4.63	4.23	3.85	5.44	9.02
Electric power	4.01	2.95	2.39	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-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); 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.

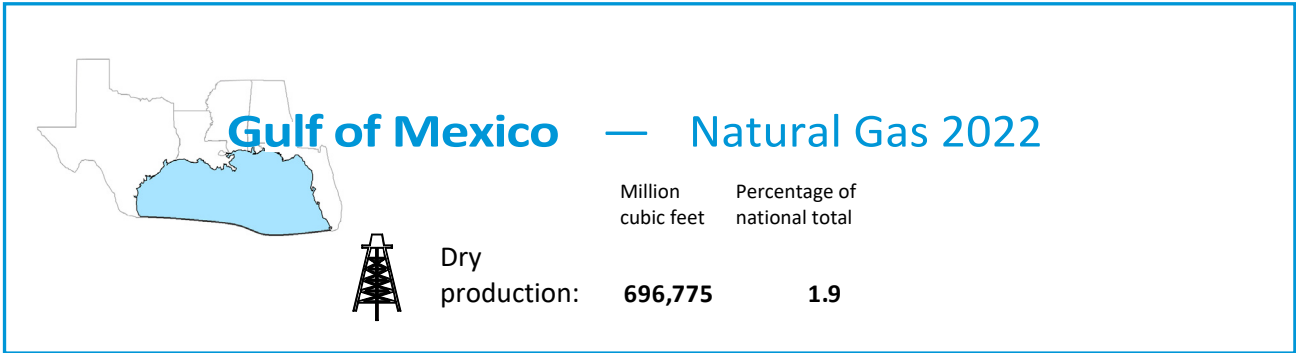
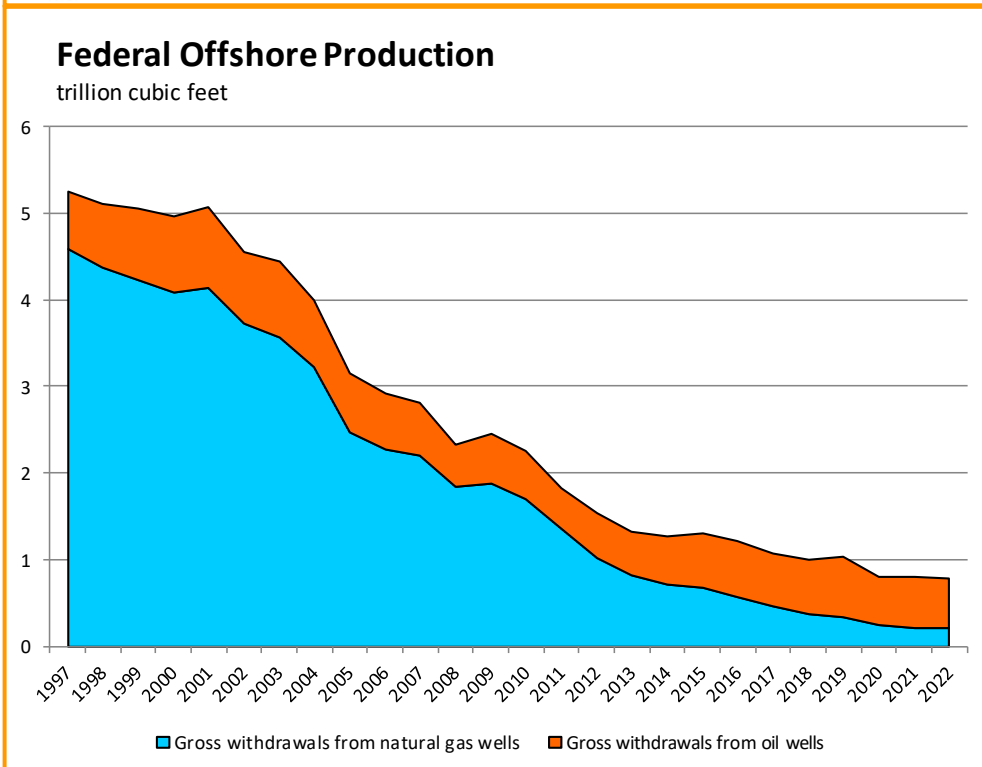
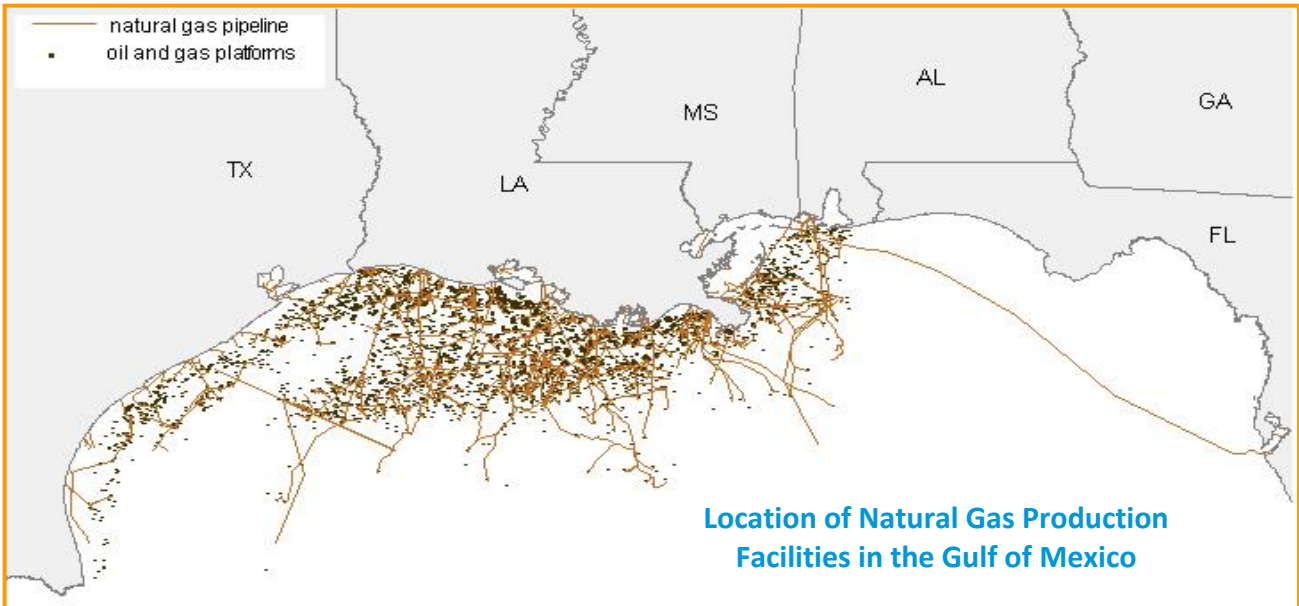


Table S12. Summary statistics for natural gas – Gulf of Mexico, 2018-2022



	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	372,429	336,890	R236,929	R209,869	204,687
Oil wells	620,276	697,149	R569,407	R582,234	579,880
Coalbed wells	0	0	0	0	0
Shale gas wells	0	0	0	0	0
Total gross withdrawals	992,704	1,034,038	R806,336	R792,102	784,567
Non-marketed disposition					
Repressuring	3,909	4,296	R2,652	R1,723	2,855
Vented and flared	13,932	14,399	R12,193	R9,748	11,305
Nonhydrocarbon gases removed	0	0	0	0	0
Total non-marketed disposition	17,842	18,695	R14,845	R11,471	14,160
Dry production					
Marketed production	974,863	1,015,343	R791,491	R780,632	770,406
NGPL production, gaseous equivalent	85,865	85,962	74,694	77,696	73,631
Total dry production	888,998	929,381	R716,797	R702,936	696,775
Supply (million cubic feet)					
Dry production	888,998	929,381	R716,797	R702,936	696,775
Balancing item	101,172	63,908	R7,000	R9,633	73,557
Total supply	990,170	993,289	R723,797	R712,569	770,333
Disposition (million cubic feet)					
Consumption	93,676	94,125	R76,085	R77,479	81,718
Deliveries at U.S. borders					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	896,494	899,164	R647,711	R635,090	688,615
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	0	0	0	0	0
Total disposition	990,170	993,289	R723,797	R712,569	770,333
Consumption (million cubic feet)					
Lease fuel	93,676	94,125	R76,085	R77,479	81,718
Total delivered to consumers	0	0	0	0	0
Total consumption	93,676	94,125	R76,085	R77,479	81,718

^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); 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.

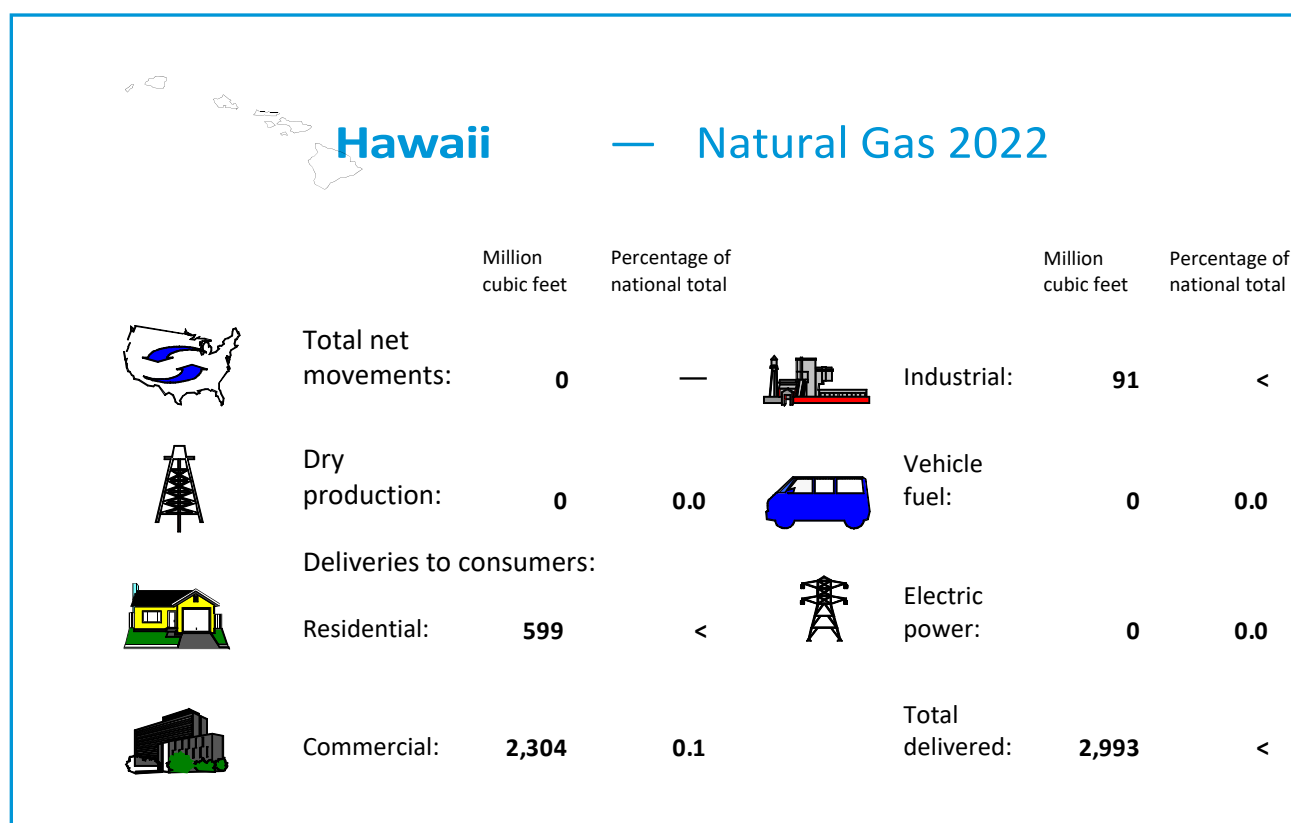


Table S13. Summary statistics for natural gas – Hawaii, 2018-2022

	2018	2019	2020	2021	2022
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	17	12	0	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	3,083	3,038	2,205	2,639	2,820
Balancing item	182	228	207	145	173
Total supply	3,282	3,277	2,413	2,783	2,993

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	3,282	3,277	2,413	2,783	2,993
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	3,282	3,277	2,413	2,783	2,993
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	2	*	1	2	0
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	590	576	603	618	599
Commercial	2,601	2,608	1,730	2,059	2,304
Industrial	90	94	80	104	91
Vehicle fuel	0	0	0	0	0
Electric power	--	--	--	--	--
Total delivered to consumers	3,280	3,277	2,412	2,781	2,993
Total consumption	3,282	3,277	2,413	2,783	2,993
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	28,890	28,906	28,991	29,059	28,916
Commercial	2,941	2,977	2,957	2,936	2,933
Industrial	7	7	6	5	5
Average annual consumption per consumer (thousand cubic feet)					
Commercial	884	876	585	701	786
Industrial	12,824	13,359	13,259	20,861	18,108
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	19.63	17.75	12.20	21.46	32.23
Delivered to consumers					
Residential	43.48	44.14	37.75	46.99	57.46
Commercial	30.96	30.26	26.56	34.51	44.12
Industrial	22.62	22.93	20.54	25.10	34.62
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); 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.

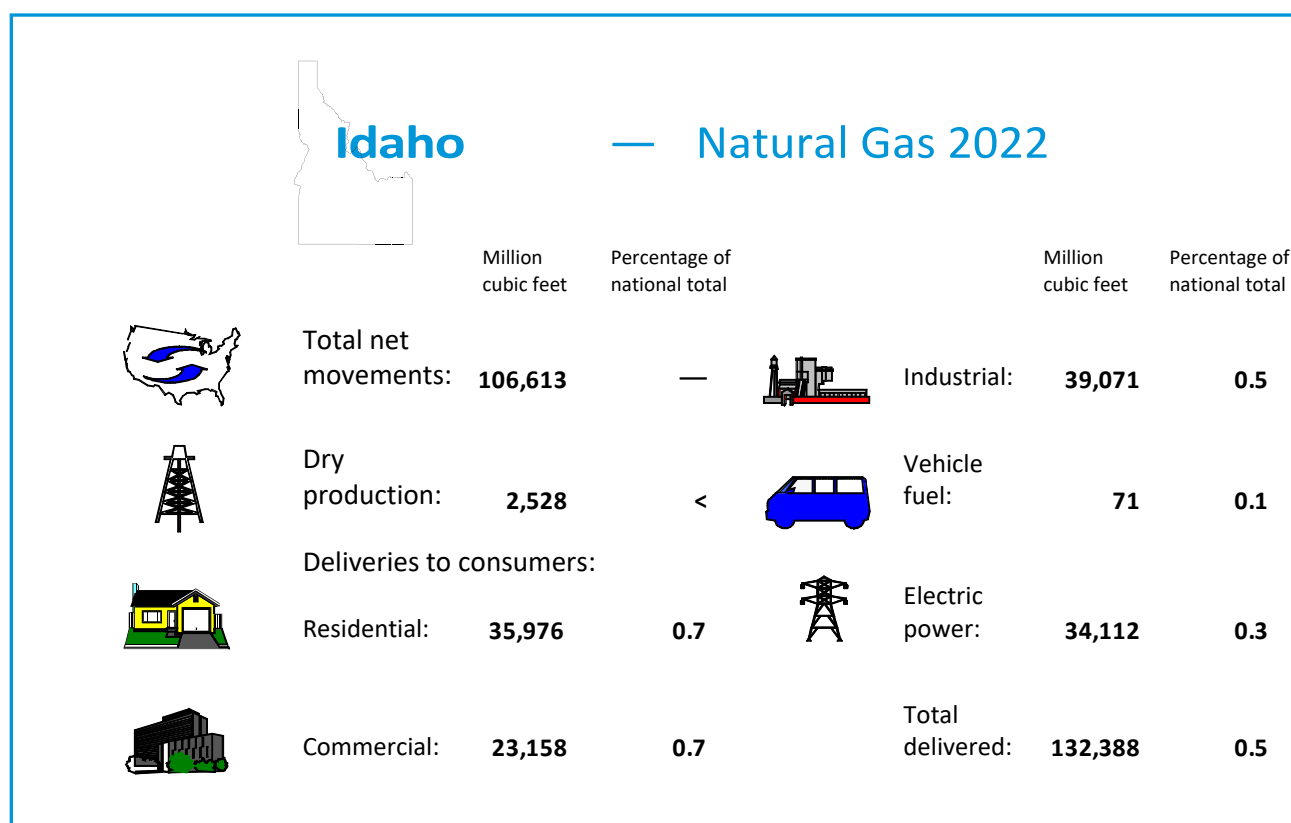


Table S14. Summary statistics for natural gas – Idaho, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	1,867	1,033	108	1,374	2,580
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	1,867	1,033	108	1,374	2,580
Non-marketed disposition					
Repressuring	0	0	0	0	0
Vented and flared	7	0	0	0	0
Nonhydrocarbon gases removed	0	0	0	0	0
Total non-marketed disposition	7	0	0	0	0
Dry production					
Marketed production	1,860	1,033	108	1,374	2,580
NGPL production, gaseous equivalent	114	47	1	19	52
Total dry production	1,746	986	107	1,355	2,528
Supply (million cubic feet)					
Dry production	1,746	986	107	1,355	2,528
Receipts					
Imports	822,536	808,167	845,341	853,300	897,492
Intransit receipts	0	10,206	0	0	0
Interstate receipts	114,970	149,342	134,255	126,918	135,346
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	117	124	121	187	127
Supplemental gas supplies	0	0	0	0	0
Balancing item	-13,553	-3,929	30,875	33,230	31,554
Total supply	925,815	964,896	1,010,698	1,014,989	1,067,047

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	111,700	129,376	126,207	R132,656	139,855
Deliveries					
Exports	29	0	1,560	4	0
Intransit deliveries	0	0	0	0	1
Interstate deliveries	813,677	834,660	R882,381	R882,325	926,224
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	409	861	551	5	967
Total disposition	925,815	964,896	R1,010,698	R1,014,989	1,067,047
Consumption (million cubic feet)					
Lease fuel	E5	E27	5	R19	*
Pipeline and distribution use	6,543	7,464	6,595	6,203	7,467
Plant fuel	52	47	6	0	0
Delivered to consumers					
Residential	27,487	30,803	30,668	30,805	35,976
Commercial	19,113	20,971	20,001	20,386	23,158
Industrial	34,761	38,598	38,390	37,888	39,071
Vehicle fuel	56	57	52	69	71
Electric power	23,683	31,409	30,491	R37,286	34,112
Total delivered to consumers	105,100	121,838	119,602	R126,434	132,388
Total consumption	111,700	129,376	126,207	R132,656	139,855
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	4,541	4,891	4,659	4,790	4,986
Industrial	33,769	37,464	37,138	36,559	37,538
Number of consumers					
Residential	402,563	415,106	428,374	441,607	454,531
Commercial	42,262	43,039	43,774	44,491	45,170
Industrial	185	368	383	378	438
Average annual consumption per consumer (thousand cubic feet)					
Commercial	452	487	457	458	513
Industrial	187,895	104,886	100,234	100,233	89,203
Average price for natural gas (dollars per thousand cubic feet)					
Imports	1.75	1.93	1.90	3.27	5.52
Exports	1.60	--	1.76	2.53	--
Citygate	2.44	2.46	2.37	2.66	4.82
Delivered to consumers					
Residential	7.11	6.50	6.73	7.00	7.97
Commercial	6.03	5.44	5.59	5.90	7.10
Industrial	3.98	3.60	3.67	3.88	5.06
Electric power	3.59	4.09	2.68	R4.31	10.13

* 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); 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.

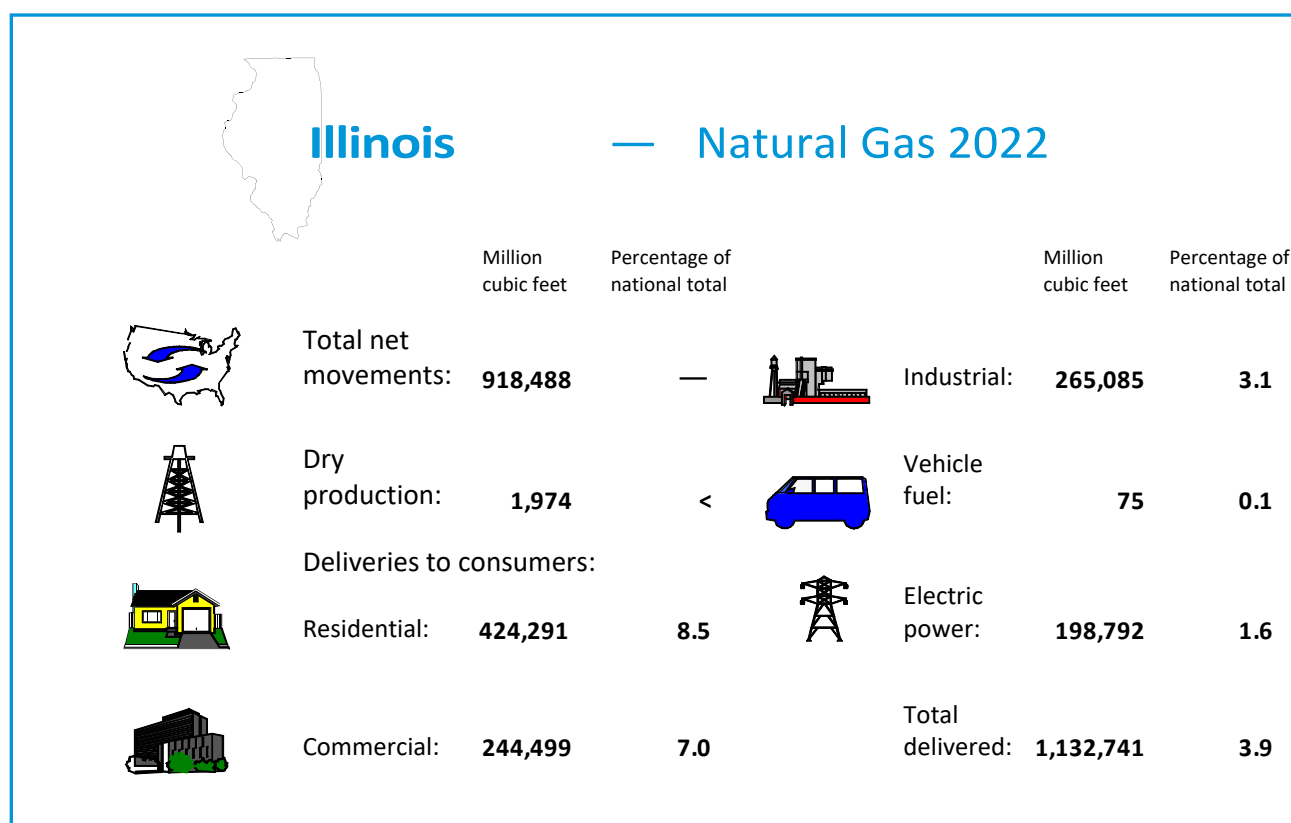


Table S15. Summary statistics for natural gas – Illinois, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	2,464	2,150	1,840	1,637	2,003
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	2,464	2,150	1,840	1,637	2,003
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	2,464	2,150	1,840	1,637	2,003
NGPL production, gaseous equivalent	39	38	28	28	29
Total dry production	2,425	2,112	1,812	1,609	1,974
Supply (million cubic feet)					
Dry production	2,425	2,112	1,812	1,609	1,974
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	2,610,048	2,451,998	2,084,734	1,896,420	2,095,333
Withdrawals from storage					
Underground storage	244,708	239,138	236,053	232,691	248,455
Liquefied natural gas (LNG) storage	405	601	330	852	379
Supplemental gas supplies	2	5	1,245	1,287	1,398
Balancing item	207,223	204,356	209,798	194,251	224,895
Total supply	3,064,811	2,898,211	2,533,972	2,327,109	2,572,434

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	1,108,592	1,153,918	1,130,765	1,065,372	1,157,550
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	1,707,525	1,487,342	1,162,770	1,030,570	1,176,845
Additions to storage					
Underground storage	248,114	256,390	240,000	230,330	238,039
LNG storage	580	560	437	837	*
Total disposition	3,064,811	2,898,211	2,533,972	2,327,109	2,572,434
Consumption (million cubic feet)					
Lease fuel	106	92	79	70	86
Pipeline and distribution use	26,207	28,637	20,651	18,581	18,898
Plant fuel	643	646	5,448	5,801	5,825
Delivered to consumers					
Residential	438,218	438,124	395,633	388,195	424,291
Commercial	241,974	247,358	215,352	222,905	244,499
Industrial	262,261	268,489	259,816	258,923	265,085
Vehicle fuel	135	126	99	70	75
Electric power	139,048	170,447	233,686	170,828	198,792
Total delivered to consumers	1,081,636	1,124,543	1,104,587	1,040,920	1,132,741
Total consumption	1,108,592	1,153,918	1,130,765	1,065,372	1,157,550
Delivered for other companies (million cubic feet)					
Residential	57,561	54,632	46,604	41,899	45,661
Commercial	157,378	160,147	141,397	147,015	160,276
Industrial	245,701	250,109	240,724	241,523	244,181
Number of consumers					
Residential	3,923,751	3,940,659	3,958,170	3,973,048	3,979,278
Commercial	298,765	299,897	299,411	298,478	299,207
Industrial	22,933	22,914	23,016	22,964	22,838
Average annual consumption per consumer (thousand cubic feet)					
Commercial	810	825	719	747	817
Industrial	11,436	11,717	11,288	11,275	11,607
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.69	3.18	2.87	6.56	6.24
Delivered to consumers					
Residential	8.15	8.04	7.94	10.51	13.80
Commercial	7.24	7.02	6.84	9.10	12.20
Industrial	5.55	5.17	4.26	7.57	9.17
Electric power	3.46	W	W	4.32	6.91

* 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.

^{RE} Revised estimated 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); 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.

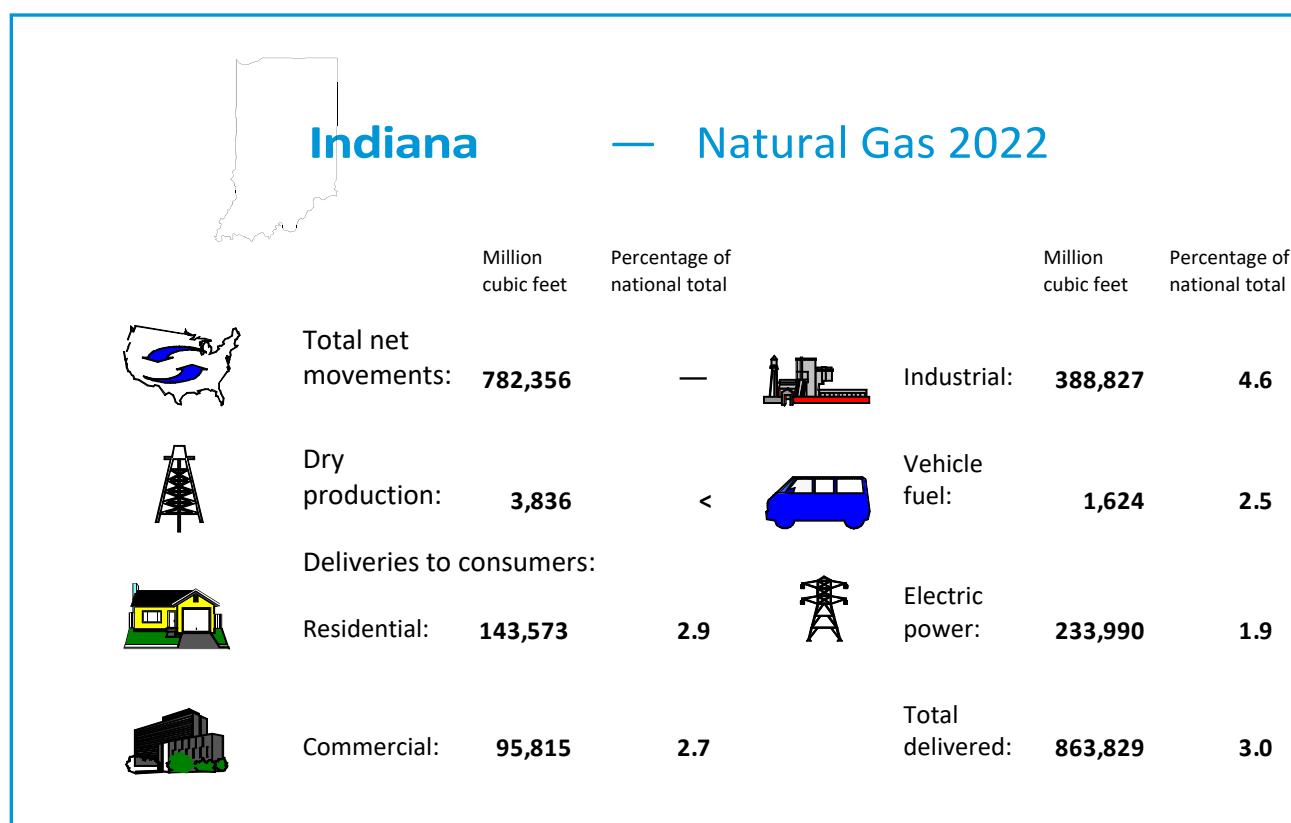


Table S16. Summary statistics for natural gas – Indiana, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	5,054	5,044	4,197	4,063	3,836
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	5,054	5,044	4,197	4,063	3,836
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	5,054	5,044	4,197	4,063	3,836
NGPL production, gaseous equivalent	0	0	0	0	0
Total dry production	5,054	5,044	4,197	4,063	3,836
Supply (million cubic feet)					
Dry production	5,054	5,044	4,197	4,063	3,836
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	2,610,665	2,462,122	R2,376,839	R2,229,611	2,220,550
Withdrawals from storage					
Underground storage	18,914	16,666	17,453	17,216	23,612
Liquefied natural gas (LNG) storage	748	1,017	524	1,216	701
Supplemental gas supplies	33	29	2	1	34
Balancing item	38,228	10,898	40,943	R71,422	83,071
Total supply	2,673,642	2,495,776	R2,439,958	R2,323,528	2,331,804

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	854,024	891,053	832,453	826,335	873,561
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	1,799,680	1,584,382	1,589,888	1,475,543	1,438,193
Additions to storage					
Underground storage	19,193	19,484	16,947	20,687	19,747
LNG storage	744	858	670	963	302
Total disposition	2,673,642	2,495,776	2,439,958	2,323,528	2,331,804
Consumption (million cubic feet)					
Lease fuel	310	303	252	244	230
Pipeline and distribution use	7,946	11,203	9,643	10,100	9,502
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	144,207	142,806	133,780	130,987	143,573
Commercial	86,188	88,245	81,413	88,287	95,815
Industrial	419,146	426,408	376,913	389,799	388,827
Vehicle fuel	8	4	2	1,841	1,624
Electric power	196,219	222,085	230,450	205,077	233,990
Total delivered to consumers	845,768	879,547	822,558	815,991	863,829
Total consumption	854,024	891,053	832,453	826,335	873,561
Delivered for other companies (million cubic feet)					
Residential	5,722	5,291	4,821	4,799	5,034
Commercial	28,803	29,706	28,577	28,311	29,287
Industrial	412,425	420,104	371,345	382,522	380,397
Number of consumers					
Residential	1,751,318	1,769,112	1,796,202	1,812,881	1,831,536
Commercial	162,938	163,285	164,335	165,411	166,132
Industrial	4,904	4,716	4,693	4,684	4,695
Average annual consumption per consumer (thousand cubic feet)					
Commercial	529	540	495	534	577
Industrial	85,470	90,417	80,314	83,219	82,817
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.87	3.43	2.99	4.59	6.02
Delivered to consumers					
Residential	8.72	8.68	8.59	10.05	11.60
Commercial	7.37	6.97	6.86	7.82	9.50
Industrial	6.10	5.76	5.41	6.92	8.42
Electric power	3.44	2.73	2.16	4.40	6.56

-- 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); 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.

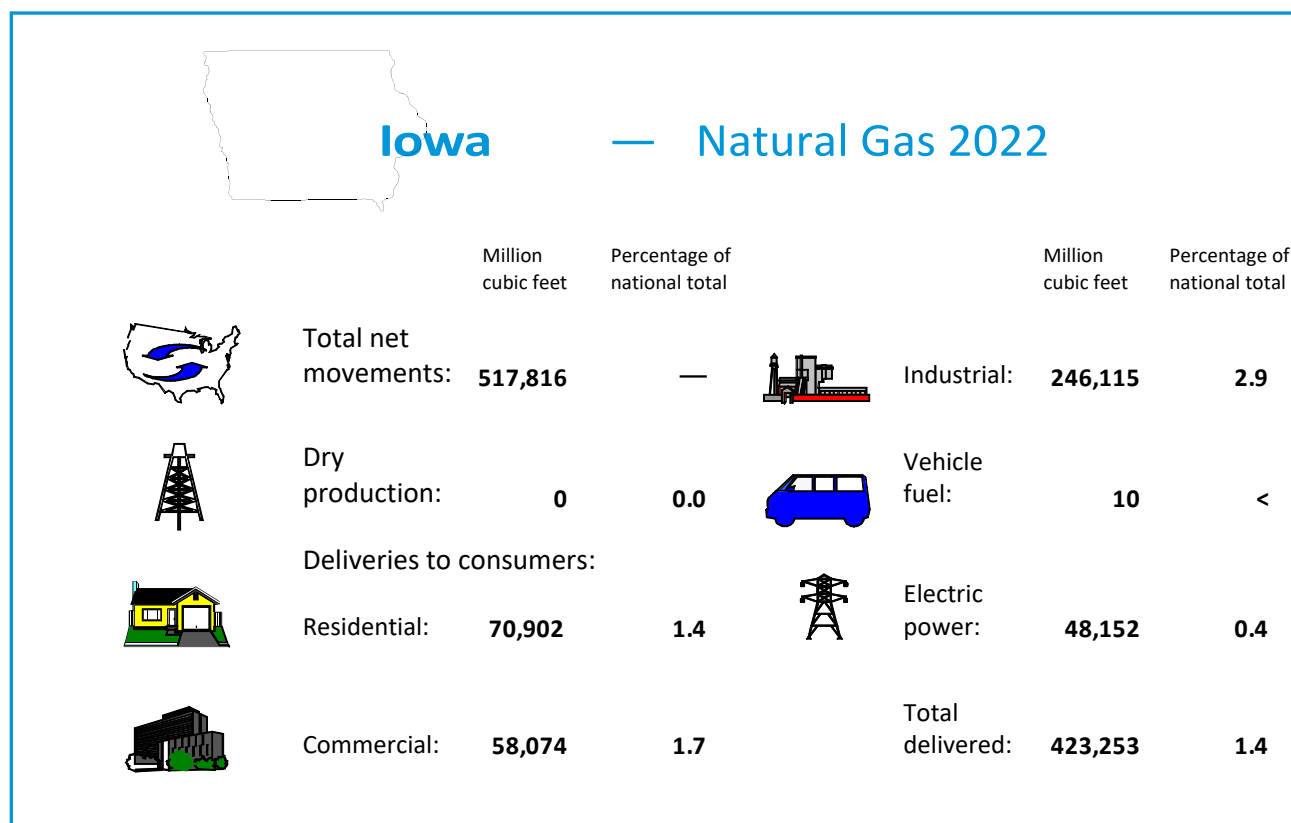


Table S17. Summary statistics for natural gas – Iowa, 2018-2022

	2018	2019	2020	2021	2022
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	2,203,884	2,128,970	1,883,122	1,861,267	1,971,649
Withdrawals from storage					
Underground storage	72,443	65,208	56,138	63,340	67,568
Liquefied natural gas (LNG) storage	2,825	2,149	1,312	2,508	3,473
Supplemental gas supplies	0	0	0	0	251
Balancing item	36,192	35,287	-30,143	R-104,994	-91,323
Total supply	2,315,344	2,231,614	1,910,428	R1,822,121	1,951,617

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	443,174	438,038	403,227	R390,443	431,332
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	1,799,016	1,725,214	1,440,592	1,362,023	1,453,833
Additions to storage					
Underground storage	69,569	66,275	65,609	67,280	63,871
LNG storage	3,585	2,087	1,000	2,375	2,581
Total disposition	2,315,344	2,231,614	1,910,428	R1,822,121	1,951,617
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	12,227	11,929	9,974	7,554	8,079
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	70,950	71,385	64,083	61,808	70,902
Commercial	56,854	57,985	50,766	50,918	58,074
Industrial	256,030	249,885	234,909	227,782	246,115
Vehicle fuel	42	37	31	25	10
Electric power	47,070	46,818	43,465	R42,356	48,152
Total delivered to consumers	430,947	426,109	393,253	R382,890	423,253
Total consumption	443,174	438,038	403,227	R390,443	431,332
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	19,361	19,112	18,343	18,471	21,579
Industrial	249,255	241,289	228,432	221,226	239,433
Number of consumers					
Residential	929,996	935,342	944,890	951,735	958,440
Commercial	100,959	101,420	102,146	102,624	103,364
Industrial	1,572	1,598	1,597	1,604	1,586
Average annual consumption per consumer (thousand cubic feet)					
Commercial	563	572	497	496	562
Industrial	162,869	156,374	147,094	142,009	155,180
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.11	3.47	3.37	7.97	6.94
Delivered to consumers					
Residential	8.94	8.19	7.78	10.20	13.04
Commercial	6.84	5.95	5.85	8.46	11.09
Industrial	5.37	4.30	4.48	7.08	8.66
Electric power	3.17	2.83	2.23	R4.44	6.03

-- 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); 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.

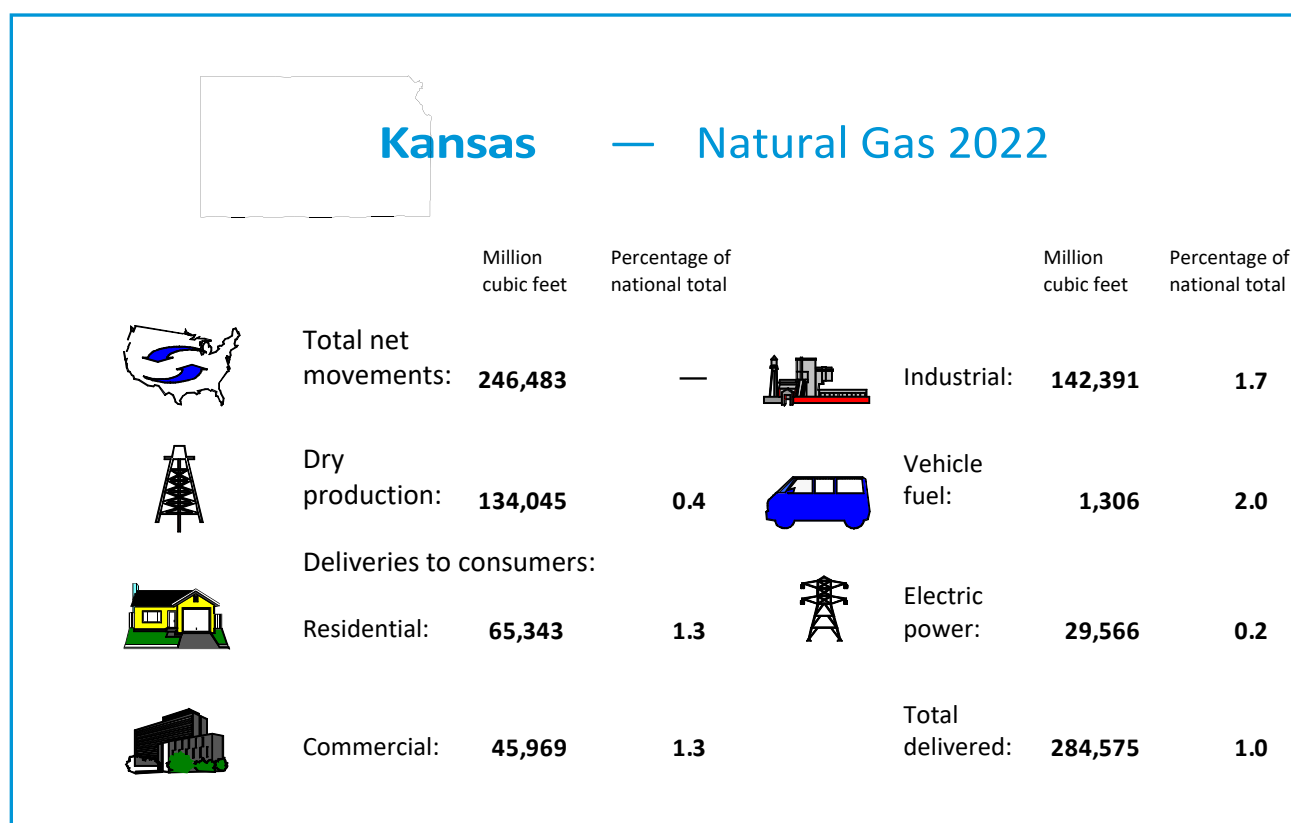


Table S18. Summary statistics for natural gas – Kansas, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	183,644	167,346	149,629	140,896	136,401
Oil wells	0	0	0	0	0
Coalbed wells	17,659	15,682	13,693	12,043	11,400
Shale gas wells	88	60	40	47	44
Total gross withdrawals	201,391	183,087	163,362	152,986	147,846
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	201,391	183,087	163,362	152,986	147,846
NGPL production, gaseous equivalent	18,841	15,481	14,050	13,865	13,801
Total dry production	182,549	167,606	149,312	139,121	134,045
Supply (million cubic feet)					
Dry production	182,549	167,606	149,312	139,121	134,045
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	2,092,110	1,882,236	1,469,046	1,079,500	1,356,253
Withdrawals from storage					
Underground storage	112,650	110,540	107,190	105,903	129,482
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	0	0	0	0	713
Balancing item	24,957	4,211	14,580	43,083	-88,058
Total supply	2,412,266	2,164,593	1,740,128	1,367,607	1,532,435

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	310,028	307,349	R291,418	R282,202	307,551
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	1,988,792	1,731,518	1,338,246	R978,574	1,109,769
Additions to storage					
Underground storage	113,446	125,725	110,464	106,830	115,114
LNG storage	0	0	0	0	0
Total disposition	2,412,266	2,164,593	R1,740,128	R1,367,607	1,532,435
Consumption (million cubic feet)					
Lease fuel	E11,336	E10,070	8,985	E8,414	E8,132
Pipeline and distribution use	28,863	26,157	R18,603	R12,679	13,921
Plant fuel	987	1,128	851	857	923
Delivered to consumers					
Residential	67,134	68,123	62,313	60,146	65,343
Commercial	40,249	41,320	39,857	41,010	45,969
Industrial	132,495	131,590	135,733	R135,508	142,391
Vehicle fuel	683	729	771	920	1,306
Electric power	28,281	28,232	24,305	R22,668	29,566
Total delivered to consumers	268,842	269,994	262,979	R260,252	284,575
Total consumption	310,028	307,349	R291,418	R282,202	307,551
Delivered for other companies (million cubic feet)					
Residential	9	8	7	8	8
Commercial	19,017	19,801	20,526	21,050	22,135
Industrial	124,067	123,324	125,014	125,452	130,246
Number of consumers					
Residential	870,371	872,451	880,942	884,427	887,534
Commercial	86,199	85,969	86,252	86,573	86,997
Industrial	7,343	7,431	7,534	7,509	7,703
Average annual consumption per consumer (thousand cubic feet)					
Commercial	467	481	462	474	528
Industrial	18,044	17,708	18,016	R18,046	18,485
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.21	3.68	3.42	11.27	7.58
Delivered to consumers					
Residential	10.18	9.24	9.37	11.11	14.37
Commercial	8.63	7.68	7.49	9.08	12.33
Industrial	4.38	3.93	3.38	5.22	8.36
Electric power	3.33	2.83	2.62	R9.85	7.05

-- 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); 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.

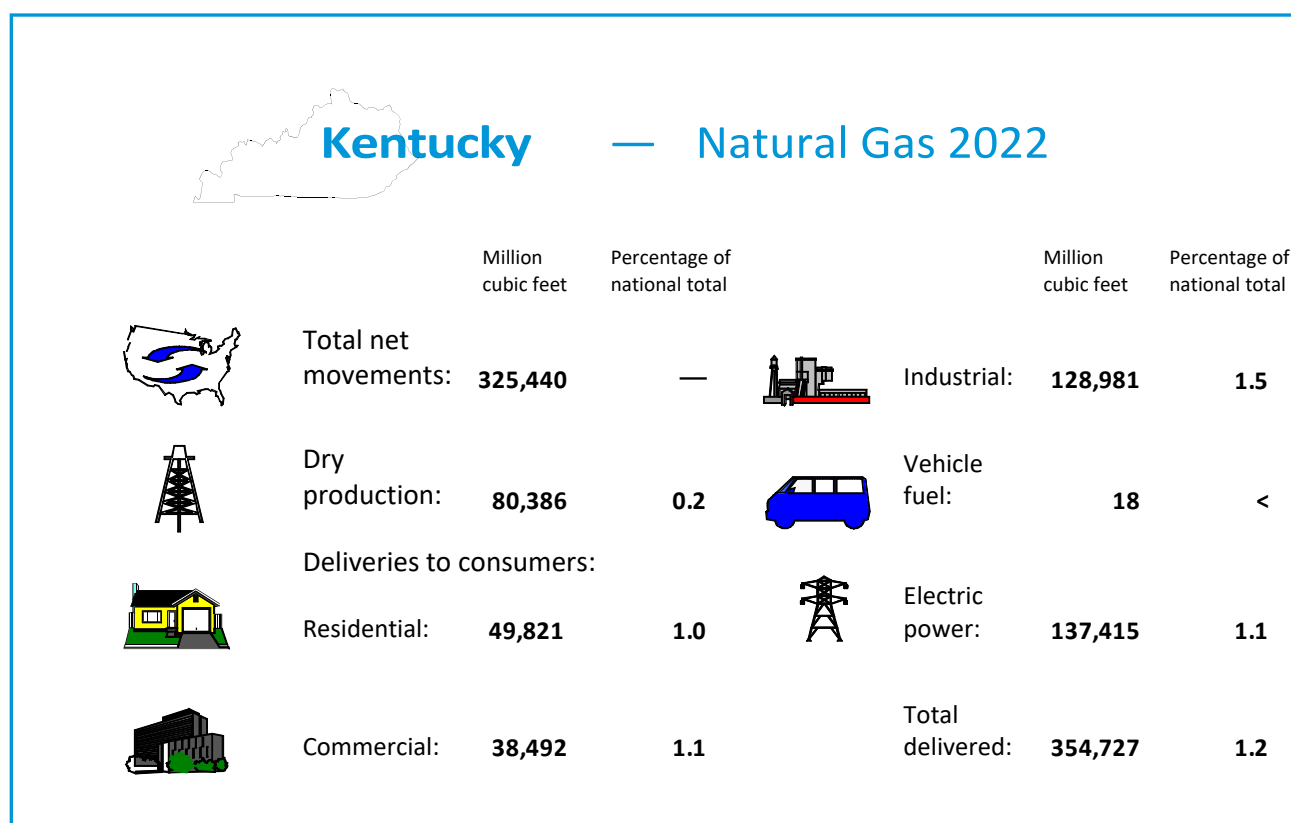


Table S19. Summary statistics for natural gas – Kentucky, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	81,746	75,621	R88,489	R73,982	84,000
Oil wells	2,301	2,261	R1,105	R1,390	1,513
Coalbed wells	0	0	0	0	0
Shale gas wells	0	0	0	0	0
Total gross withdrawals	84,047	77,882	R89,595	75,373	85,513
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	84,047	77,882	R89,595	75,373	85,513
NGPL production, gaseous equivalent	5,160	5,096	4,938	5,000	5,127
Total dry production	78,887	72,786	R84,657	70,373	80,386
Supply (million cubic feet)					
Dry production	78,887	72,786	R84,657	70,373	80,386
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	2,325,783	2,327,432	2,599,862	2,842,476	2,725,449
Withdrawals from storage					
Underground storage	78,710	68,891	69,593	68,037	92,493
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	111	23	2	144	122
Balancing item	13,741	11,958	R-10,145	R75	-20,855
Total supply	2,497,233	2,481,090	R2,743,968	R2,981,106	2,877,595

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	340,125	344,326	R328,830	R349,263	386,001
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	2,088,607	2,050,983	2,345,402	R2,561,021	2,400,009
Additions to storage					
Underground storage	68,502	85,781	69,736	70,823	91,584
LNG storage	0	0	0	0	0
Total disposition	2,497,233	2,481,090	R2,743,968	R2,981,106	2,877,595
Consumption (million cubic feet)					
Lease fuel	E5,142	E4,673	R5,376	E4,522	E5,131
Pipeline and distribution use	14,143	19,152	R23,690	R30,270	25,892
Plant fuel	203	227	233	224	252
Delivered to consumers					
Residential	51,476	48,777	45,961	R46,920	49,821
Commercial	38,472	37,395	33,950	R35,984	38,492
Industrial	117,951	121,669	116,778	R123,354	128,981
Vehicle fuel	81	64	33	11	18
Electric power	112,656	112,369	102,809	R107,977	137,415
Total delivered to consumers	320,636	320,274	299,531	R314,246	354,727
Total consumption	340,125	344,326	R328,830	R349,263	386,001
Delivered for other companies (million cubic feet)					
Residential	1,412	1,222	1,087	1,083	938
Commercial	7,983	7,954	7,421	7,576	7,869
Industrial	98,363	101,783	98,230	103,972	109,563
Number of consumers					
Residential	774,357	747,227	784,180	R787,665	789,333
Commercial	86,759	87,114	87,608	R87,765	88,412
Industrial	2,123	2,137	2,139	R2,109	1,957
Average annual consumption per consumer (thousand cubic feet)					
Commercial	443	429	388	410	435
Industrial	55,559	56,934	54,595	R58,489	65,907
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.92	3.37	2.81	4.09	6.31
Delivered to consumers					
Residential	10.56	10.85	11.14	R12.21	14.58
Commercial	8.43	8.60	8.64	9.59	12.17
Industrial	4.40	4.06	3.50	R5.04	7.84
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); 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.

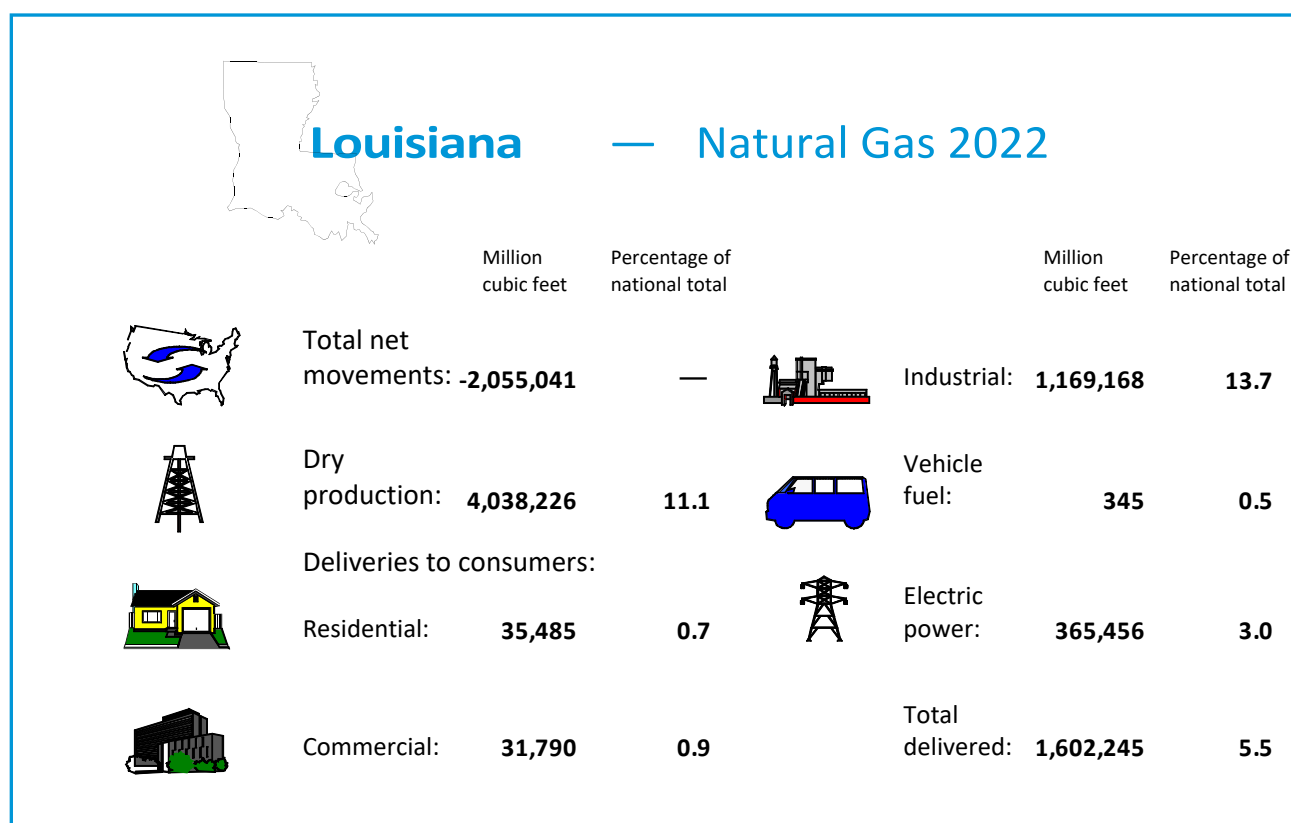


Table S20. Summary statistics for natural gas – Louisiana, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	680,140	663,243	R614,881	R510,703	456,242
Oil wells	33,359	30,650	R24,119	R21,872	24,189
Coalbed wells	44	50	47	41	41
Shale gas wells	2,126,376	2,525,005	R2,572,444	R2,915,926	3,589,614
Total gross withdrawals	2,839,919	3,218,949	R3,211,491	R3,448,542	4,070,087
Non-marketed disposition					
Repressuring	1,549	1,530	1,426	1,276	1,481
Vented and flared	5,966	5,101	R4,491	R3,499	3,815
Nonhydrocarbon gases removed	0	0	0	0	0
Total non-marketed disposition	7,515	6,631	R5,917	R4,775	5,296
Dry production					
Marketed production	2,832,404	3,212,318	R3,205,574	R3,443,767	4,064,791
NGPL production, gaseous equivalent	31,013	31,938	25,454	26,173	26,565
Total dry production	2,801,391	3,180,380	R3,180,120	R3,417,594	4,038,226
Supply (million cubic feet)					
Dry production	2,801,391	3,180,380	R3,180,120	R3,417,594	4,038,226
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	3,707,285	3,881,914	R3,771,219	R3,937,002	4,351,610
Withdrawals from storage					
Underground storage	538,451	502,452	458,746	536,673	565,499
Liquefied natural gas (LNG) storage	535	0	0	0	0
Supplemental gas supplies	0	0	0	0	0
Balancing item	-24,202	-173,955	R203,426	R-138,414	-52,618
Total supply	7,023,460	7,390,791	R7,613,511	R7,752,854	8,902,717

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	1,738,734	1,834,142	R1,810,716	R1,753,246	1,959,688
Deliveries					
Exports	932,202	1,225,536	1,309,306	1,843,491	2,453,265
Intransit deliveries	0	*	0	0	*
Interstate deliveries	3,872,387	3,731,080	4,010,907	R3,668,317	3,953,386
Additions to storage					
Underground storage	480,137	600,033	482,581	487,801	536,378
LNG storage	0	0	0	0	0
Total disposition	7,023,460	7,390,791	R7,613,511	R7,752,854	8,902,717
Consumption (million cubic feet)					
Lease fuel	58,998	90,864	R46,885	R48,712	62,606
Pipeline and distribution use	132,939	164,247	R179,328	R224,230	280,991
Plant fuel	24,694	22,822	16,020	15,064	13,846
Delivered to consumers					
Residential	37,838	35,935	32,097	R36,270	35,485
Commercial	34,848	32,925	29,757	R32,547	31,790
Industrial	1,148,071	1,145,105	1,149,484	R1,078,807	1,169,168
Vehicle fuel	428	398	1,231	361	345
Electric power	300,919	341,847	355,914	R317,255	365,456
Total delivered to consumers	1,522,103	1,556,209	1,568,483	R1,465,240	1,602,245
Total consumption	1,738,734	1,834,142	R1,810,716	R1,753,246	1,959,688
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	9,907	8,113	8,369	9,199	8,951
Industrial	1,108,710	1,107,570	1,119,261	1,053,168	1,142,236
Number of consumers					
Residential	908,480	908,201	903,088	R929,124	924,251
Commercial	59,518	58,725	58,335	R59,947	58,897
Industrial	1,094	1,007	976	R888	857
Average annual consumption per consumer (thousand cubic feet)					
Commercial	585	561	510	R543	540
Industrial	1,049,425	1,137,145	1,177,750	R1,214,873	1,364,257
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	4.81	5.03	5.65	7.42	12.71
Citygate	4.00	3.59	2.75	3.95	5.62
Delivered to consumers					
Residential	11.65	11.49	12.16	R12.87	15.84
Commercial	8.71	8.43	8.38	R9.86	13.02
Industrial	3.52	3.37	2.58	R4.04	6.79
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); 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.

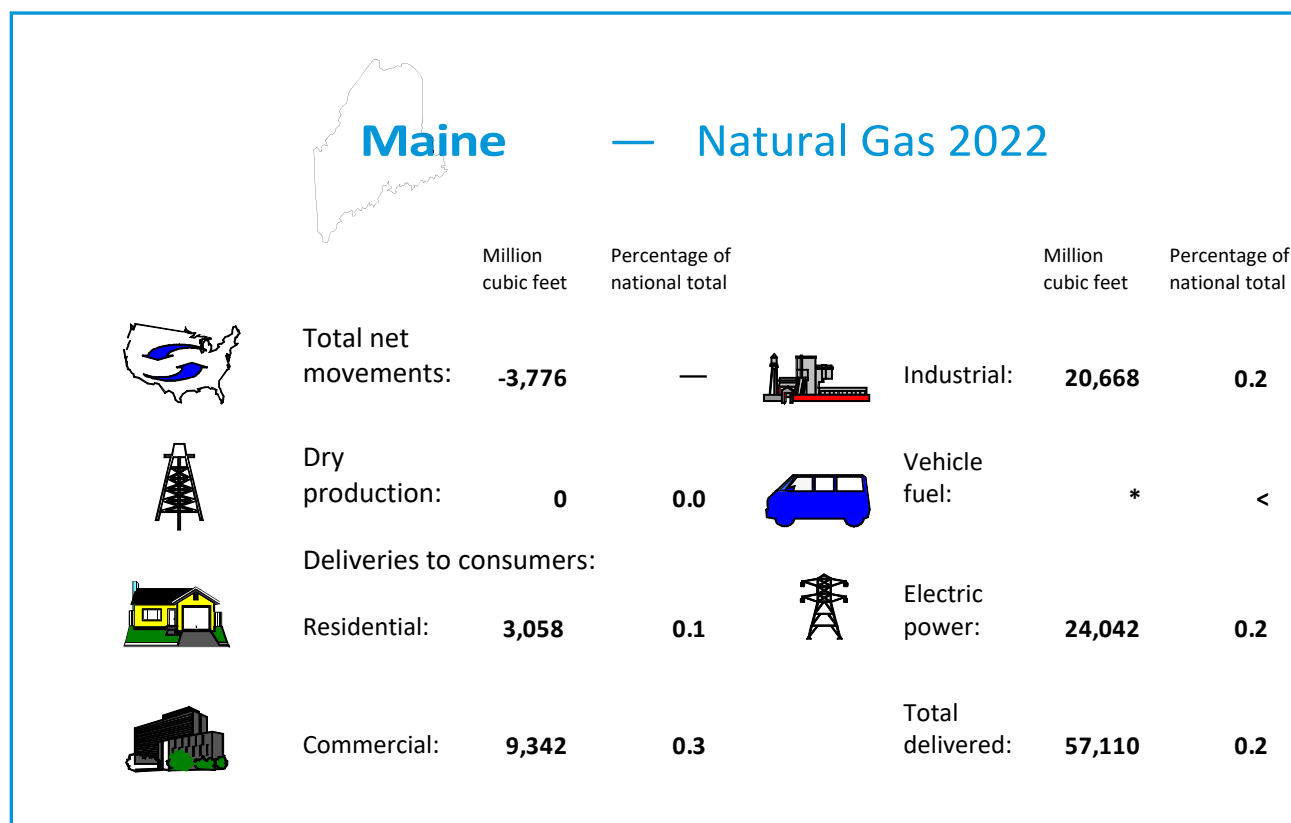


Table S21. Summary statistics for natural gas – Maine, 2018-2022

	2018	2019	2020	2021	2022
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	35,735	57,094	57,916	46,704	21,725
Intransit receipts	0	0	R3	R217	0
Interstate receipts	92,841	99,048	99,351	108,566	124,739
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	50	481	34	45	45
Supplemental gas supplies	0	0	0	0	0
Balancing item	6,406	17,668	R45,470	R61,163	62,771
Total supply	135,032	174,292	202,774	R216,694	209,279

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	46,464	44,606	45,262	54,979 ^R	58,994
Deliveries					
Exports	37,506	90,299	117,408	118,597	97,501
Intransit deliveries	0	0	0	0	0
Interstate deliveries	51,016	39,342	40,071	43,073	52,739
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	45	44	33	45	45
Total disposition	135,032	174,292	202,774	216,694^R	209,279
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	821	1,168	932	1,836	1,884
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	3,079	3,134	2,962	2,937	3,058
Commercial	9,586	9,919	8,934	9,034	9,342
Industrial	19,231	21,024	22,679	21,863	20,668
Vehicle fuel	0	*	*	*	*
Electric power	13,747	9,361	9,756	19,309 ^R	24,042
Total delivered to consumers	45,644	43,438	44,330	53,144^R	57,110
Total consumption	46,464	44,606	45,262	54,979^R	58,994
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	3,616	3,641	3,327	3,323	3,334
Industrial	17,622	19,343	21,024	19,784	18,554
Number of consumers					
Residential	34,874	36,557	37,653	38,421	35,593
Commercial	13,000	13,130	13,358	13,542	12,524
Industrial	134	148	156	157	171
Average annual consumption per consumer (thousand cubic feet)					
Commercial	737	755	669	667	746
Industrial	143,514	142,053	145,375	139,256	120,865
Average price for natural gas (dollars per thousand cubic feet)					
Imports	7.42	6.50	3.91 ^R	6.30	14.29
Exports	5.54	3.58	2.61	5.01	8.78
Citygate	8.00	6.51	5.59	6.82	10.00
Delivered to consumers					
Residential	16.32	16.05	14.88	16.54	20.73
Commercial	13.01	12.62	11.36	12.77	16.57
Industrial	9.26	8.67	7.85	9.18	12.93
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); 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.

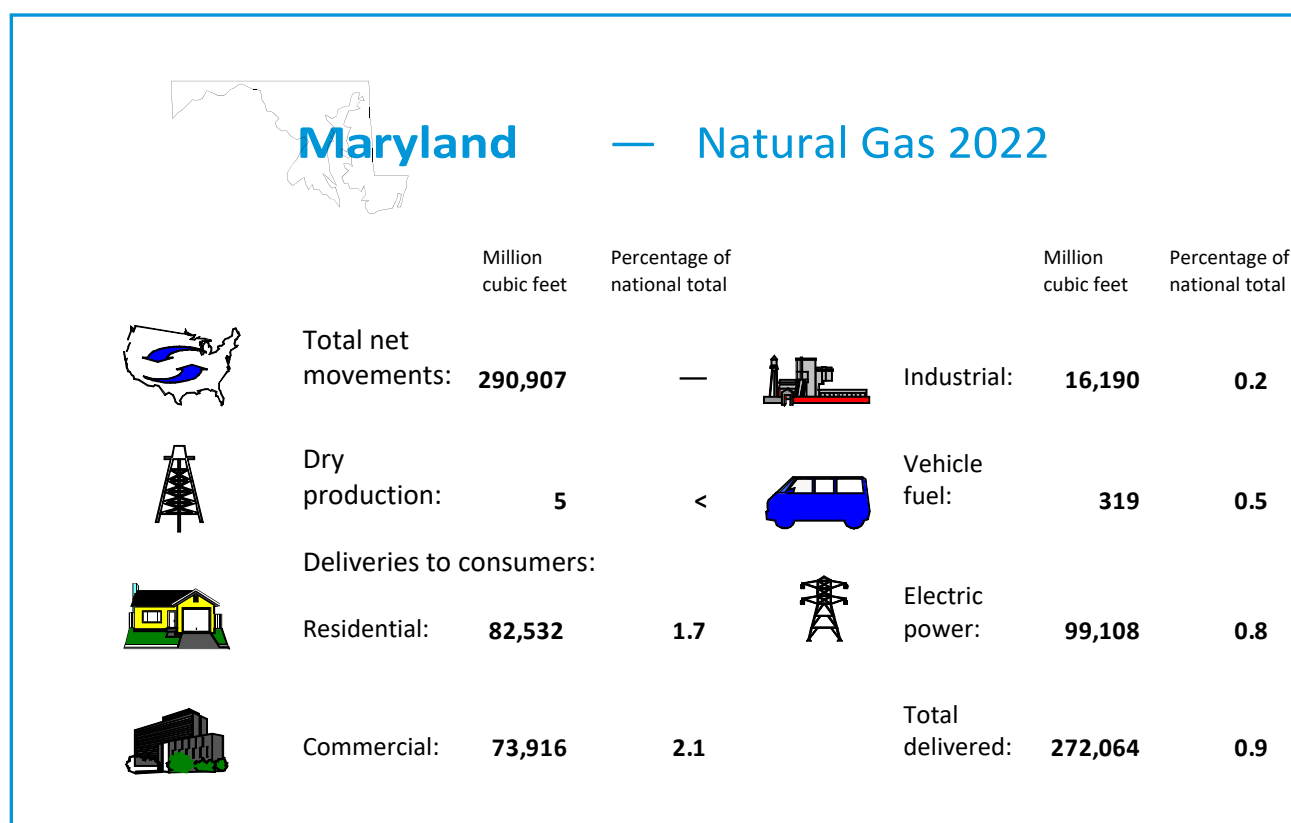


Table S22. Summary statistics for natural gas – Maryland, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	13	13	10	5	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	13	13	10	5	5
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	13	13	10	5	5
NGPL production, gaseous equivalent	0	0	0	0	0
Total dry production	13	13	10	5	5
Supply (million cubic feet)					
Dry production	13	13	10	5	5
Receipts					
Imports	9,070	6,703	17,081	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	1,121,529	1,462,530	1,540,186	1,589,998	1,579,220
Withdrawals from storage					
Underground storage	18,644	14,243	16,550	15,119	19,286
Liquefied natural gas (LNG) storage	525	480	407	531	617
Supplemental gas supplies	422	101	126	155	402
Balancing item	-11,023	1,894	R-1,582	R-4,710	8,743
Total supply	1,139,179	1,485,963	R1,572,778	R1,601,098	1,608,273

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	300,637	298,599	R282,843	R288,203	301,062
Deliveries					
Exports	143,134	227,552	233,102	234,236	245,914
Intransit deliveries	0	0	0	0	0
Interstate deliveries	674,082	946,518	1,040,028	1,061,217	1,042,399
Additions to storage					
Underground storage	20,772	12,728	16,392	16,922	18,263
LNG storage	553	567	412	519	635
Total disposition	1,139,179	1,485,963	R1,572,778	R1,601,098	1,608,273
Consumption (million cubic feet)					
Lease fuel	NA	NA	0	0	0
Pipeline and distribution use	22,661	25,106	25,177	27,475	28,998
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	86,397	81,845	77,274	76,874	82,532
Commercial	77,310	76,349	R67,563	R66,202	73,916
Industrial	16,227	18,336	17,069	18,720	16,190
Vehicle fuel	371	688	273	285	319
Electric power	97,671	96,274	95,487	R98,646	99,108
Total delivered to consumers	277,976	273,493	R257,666	R260,728	272,064
Total consumption	300,637	298,599	R282,843	R288,203	301,062
Delivered for other companies (million cubic feet)					
Residential	20,996	19,446	17,351	16,571	17,044
Commercial	56,131	56,938	R50,126	R48,382	54,465
Industrial	15,568	17,698	16,284	17,955	15,424
Number of consumers					
Residential	1,152,670	1,164,929	1,185,385	1,188,292	1,200,132
Commercial	78,589	78,882	R79,339	R78,768	79,177
Industrial	1,154	1,147	1,176	1,138	1,146
Average annual consumption per consumer (thousand cubic feet)					
Commercial	984	968	R852	R840	934
Industrial	14,061	15,986	14,514	16,450	14,127
Average price for natural gas (dollars per thousand cubic feet)					
Imports	9.82	5.71	3.35	--	--
Exports	7.61	7.12	6.59	8.06	11.03
Citygate	5.03	4.82	4.22	5.45	7.54
Delivered to consumers					
Residential	11.79	12.55	13.07	14.70	16.97
Commercial	9.57	10.14	10.62	11.97	14.12
Industrial	9.14	10.07	8.85	9.10	12.22
Electric power	4.00	3.25	2.47	R4.52	8.57

– 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 blown 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); 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.

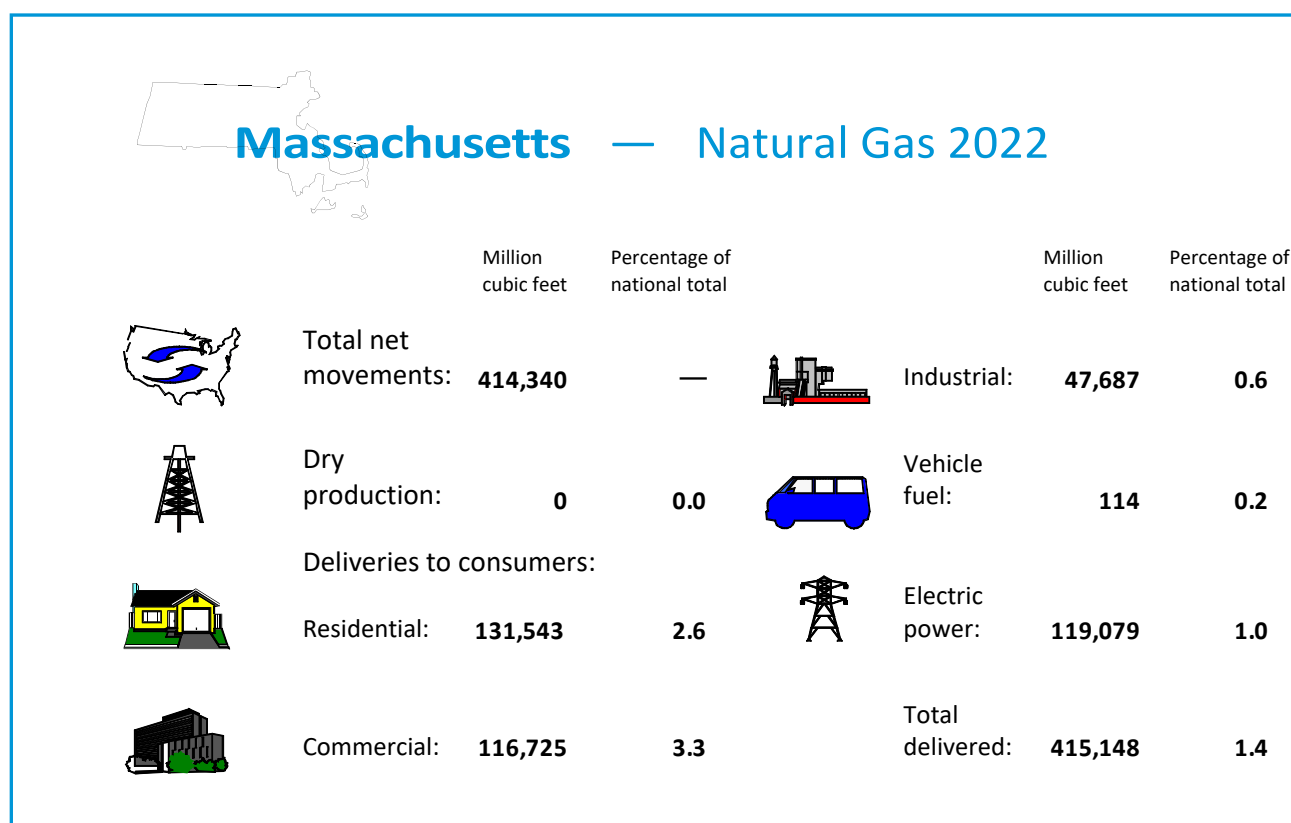


Table S23. Summary statistics for natural gas – Massachusetts, 2018-2022

	2018	2019	2020	2021	2022
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	50,636	40,326	29,396	21,423	23,535
Intransit receipts	0	0	0	0	334
Interstate receipts	468,191	462,219	442,147	466,291	472,496
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	6,166	6,136	3,228	4,706	6,269
Supplemental gas supplies	77	35	10	15	18
Balancing item	3,932	18,064	10,479	2,109	9,146
Total supply	529,001	526,780	485,260	494,543	511,798

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	438,577	429,515	389,013	R392,539	423,512
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	83,732	92,360	93,841	97,246	82,025
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	6,693	4,906	2,405	R4,757	6,260
Total disposition	529,001	526,780	485,260	R494,543	511,798
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	8,139	11,235	8,487	R7,342	8,364
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	130,296	135,116	120,333	122,812	131,543
Commercial	118,779	121,518	109,625	103,256	116,725
Industrial	47,524	48,770	45,758	47,538	47,687
Vehicle fuel	127	130	93	80	114
Electric power	133,711	112,746	104,718	R111,512	119,079
Total delivered to consumers	430,438	418,280	380,527	R385,197	415,148
Total consumption	438,577	429,515	389,013	R392,539	423,512
Delivered for other companies (million cubic feet)					
Residential	3,089	3,121	2,454	1,973	1,822
Commercial	64,541	74,893	69,977	63,382	71,866
Industrial	34,878	36,155	34,641	35,561	34,136
Number of consumers					
Residential	1,532,732	1,548,127	1,865,886	R1,581,394	1,790,157
Commercial	144,592	144,769	176,165	145,927	164,459
Industrial	11,205	11,196	12,240	R11,223	11,823
Average annual consumption per consumer (thousand cubic feet)					
Commercial	821	839	622	708	710
Industrial	4,241	4,356	3,738	R4,236	4,033
Average price for natural gas (dollars per thousand cubic feet)					
Imports	6.48	8.10	5.58	12.25	30.01
Exports	--	--	--	--	--
Citygate	6.37	5.53	5.39	6.65	9.05
Delivered to consumers					
Residential	15.47	14.72	14.71	16.02	20.45
Commercial	12.84	11.32	11.20	12.05	15.56
Industrial	10.31	9.92	9.30	10.13	14.41
Electric power	4.91	4.50	3.34	R5.92	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); 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.

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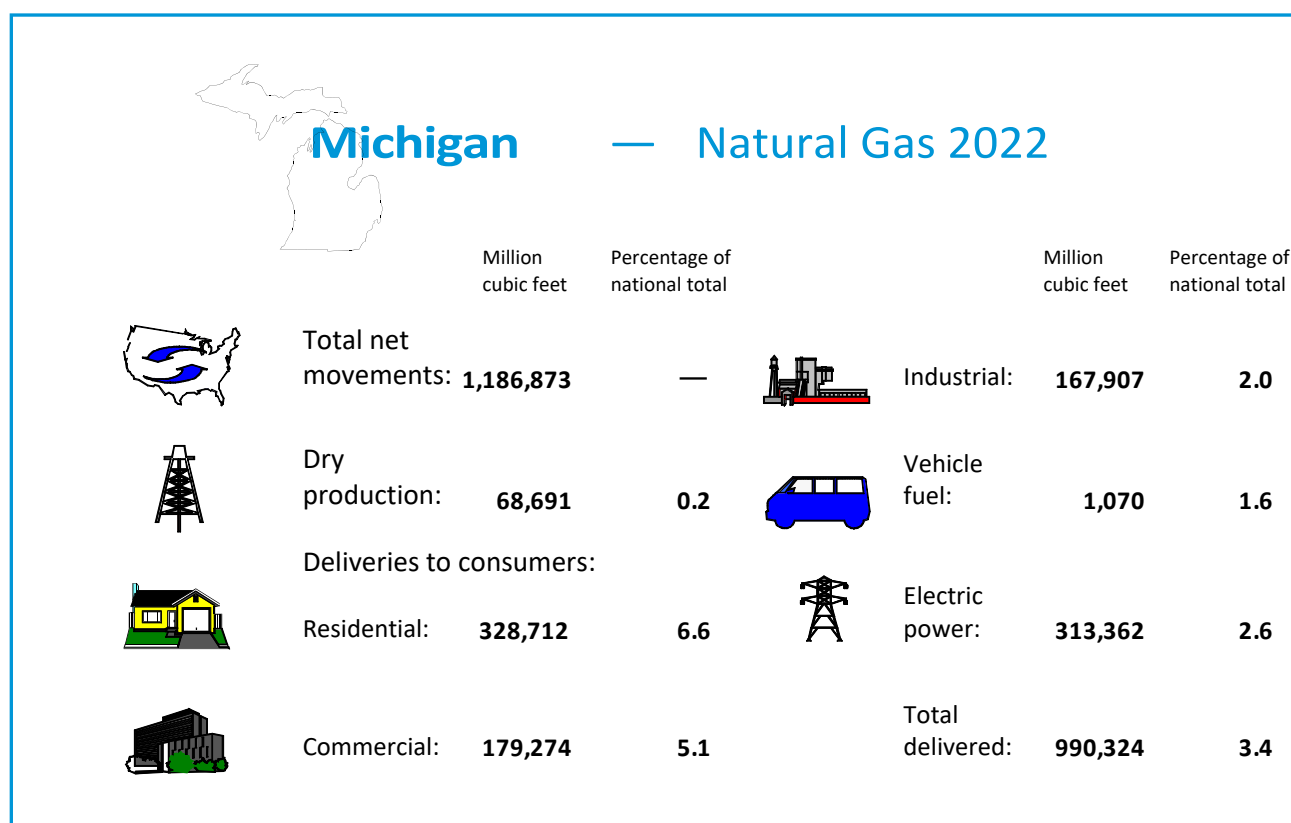


Table S24. Summary statistics for natural gas – Michigan, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	9,591	9,168	6,854	6,774	5,457
Oil wells	3,487	2,870	1,944	2,000	1,944
Coalbed wells	0	0	0	0	0
Shale gas wells	76,493	71,931	67,138	65,283	62,141
Total gross withdrawals	89,572	83,969	75,935	74,057	69,542
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	89,572	83,969	75,935	74,057	69,542
NGPL production, gaseous equivalent	1,340	1,118	768	849	851
Total dry production	88,232	82,851	75,167	73,208	68,691
Supply (million cubic feet)					
Dry production	88,232	82,851	75,167	73,208	68,691
Receipts					
Imports	12,414	28,309	40,324	56,097	83,714
Intransit receipts	0	0	0	0	0
Interstate receipts	1,973,134	1,973,340	1,895,547	1,852,124	2,103,965
Withdrawals from storage					
Underground storage	532,605	488,353	400,748	477,696	546,234
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	0	0	0	0	542
Balancing item	-89,827	4,712	-122,196	-149,251	-269,040
Total supply	2,516,558	2,577,566	2,289,590	2,309,874	2,534,108

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	965,538	998,093	R948,258	R899,115	1,022,598
Deliveries					
Exports	496,830	566,895	485,750	547,143	597,496
Intransit deliveries	0	201,130	141,107	152,380	123,727
Interstate deliveries	564,960	248,506	R291,689	R271,307	279,584
Additions to storage					
Underground storage	489,229	562,941	422,786	439,928	510,703
LNG storage	0	0	0	0	0
Total disposition	2,516,558	2,577,566	R2,289,590	R2,309,874	2,534,108
Consumption (million cubic feet)					
Lease fuel	E5,075	E4,702	R4,252	RE4,147	E3,894
Pipeline and distribution use	21,566	28,665	R23,396	R25,958	27,678
Plant fuel	1,015	940	862	869	701
Delivered to consumers					
Residential	326,962	332,254	304,194	296,039	328,712
Commercial	180,333	181,825	160,487	161,399	179,274
Industrial	176,250	173,618	154,149	158,649	167,907
Vehicle fuel	0	4	3	2	1,070
Electric power	254,337	276,086	300,914	R252,052	313,362
Total delivered to consumers	937,882	963,786	919,747	R868,141	990,324
Total consumption	965,538	998,093	R948,258	R899,115	1,022,598
Delivered for other companies (million cubic feet)					
Residential	20,809	19,498	16,466	14,932	15,119
Commercial	77,117	76,022	67,593	67,534	68,160
Industrial	163,385	161,329	143,700	147,985	156,073
Number of consumers					
Residential	3,294,707	3,322,202	3,353,954	3,379,955	3,113,126
Commercial	258,134	259,813	279,001	262,812	238,802
Industrial	7,076	6,729	6,589	6,392	5,491
Average annual consumption per consumer (thousand cubic feet)					
Commercial	699	700	575	614	751
Industrial	24,908	25,801	23,395	24,820	30,578
Average price for natural gas (dollars per thousand cubic feet)					
Imports	3.03	2.41	2.05	4.23	6.34
Exports	3.38	2.69	2.05	3.76	6.21
Citygate	3.48	3.17	2.78	3.49	5.09
Delivered to consumers					
Residential	8.19	8.08	8.25	9.21	11.31
Commercial	6.91	6.81	6.86	7.87	10.00
Industrial	5.98	6.01	5.85	6.70	9.11
Electric power	3.40	2.75	2.14	R4.24	6.86

^E Estimated data.

^{NA} Not available.

^R Revised data.

^{RE} Revised estimated 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); 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.

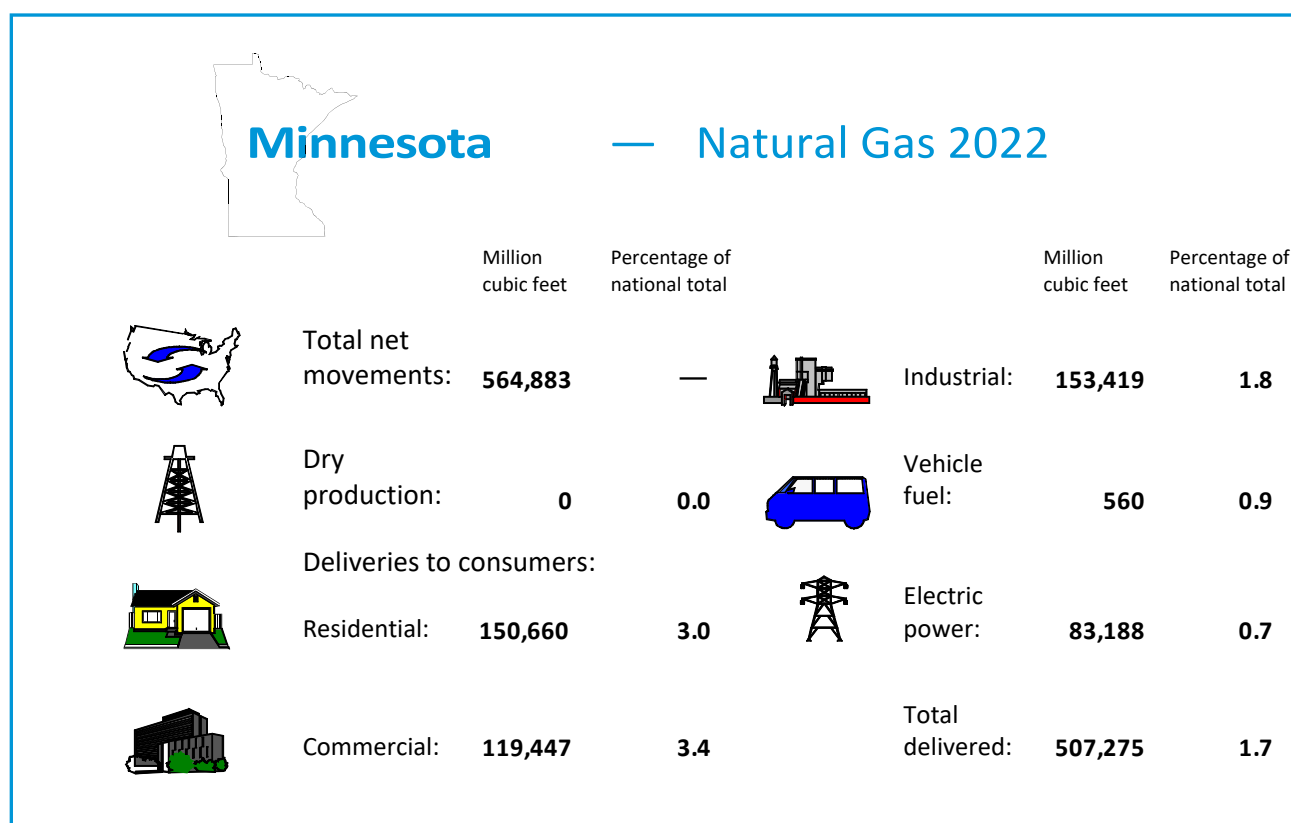


Table S25. Summary statistics for natural gas – Minnesota, 2018-2022

	2018	2019	2020	2021	2022
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	316,945	319,069	267,337	378,456	455,900
Intransit receipts	0	177,458	193,403	228,531	193,202
Interstate receipts	1,995,688	1,692,747	1,494,672	1,623,444	1,665,850
Withdrawals from storage					
Underground storage	853	1,174	1,075	1,313	1,560
Liquefied natural gas (LNG) storage	2,671	2,523	1,172	1,403	1,794
Supplemental gas supplies	15	115	12	29	22
Balancing item	-95,876	-15,868	-24,033	R-47,677	-41,521
Total supply	2,220,296	2,177,217	1,933,639	R2,185,499	2,276,807

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	490,169	520,463	468,846	R495,125	523,604
Deliveries					
Exports	12,882	13,668	8,696	3,238	5,047
Intransit deliveries	0	*	*	0	0
Interstate deliveries	1,713,116	1,639,322	1,453,715	1,684,538	1,745,022
Additions to storage					
Underground storage	1,127	1,099	1,023	1,368	1,471
LNG storage	3,001	2,665	1,358	1,230	1,664
Total disposition	2,220,296	2,177,217	1,933,639	R2,185,499	2,276,807
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	13,617	12,776	10,730	14,981	16,329
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	141,400	144,577	130,119	130,583	150,660
Commercial	110,026	113,428	101,515	102,194	119,447
Industrial	161,560	162,437	140,554	152,378	153,419
Vehicle fuel	457	501	428	549	560
Electric power	63,110	86,744	85,500	R94,441	83,188
Total delivered to consumers	476,552	507,687	458,116	R480,144	507,275
Total consumption	490,169	520,463	468,846	R495,125	523,604
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	12,860	12,834	11,996	11,961	14,577
Industrial	132,303	132,189	113,067	124,084	127,631
Number of consumers					
Residential	1,543,581	1,559,872	1,582,365	1,602,690	1,624,186
Commercial	140,877	141,629	142,905	144,067	144,482
Industrial	2,162	2,120	2,192	2,037	2,004
Average annual consumption per consumer (thousand cubic feet)					
Commercial	781	801	710	709	827
Industrial	74,727	76,621	64,121	74,805	76,556
Average price for natural gas (dollars per thousand cubic feet)					
Imports	2.87	2.31	1.98	3.58	5.86
Exports	3.36	2.55	1.95	3.44	6.05
Citygate	4.03	3.82	3.68	8.12	6.96
Delivered to consumers					
Residential	8.69	8.06	8.04	9.40	12.12
Commercial	7.08	6.63	6.39	7.79	10.59
Industrial	4.80	4.44	3.99	5.47	8.43
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 blown 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); 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.

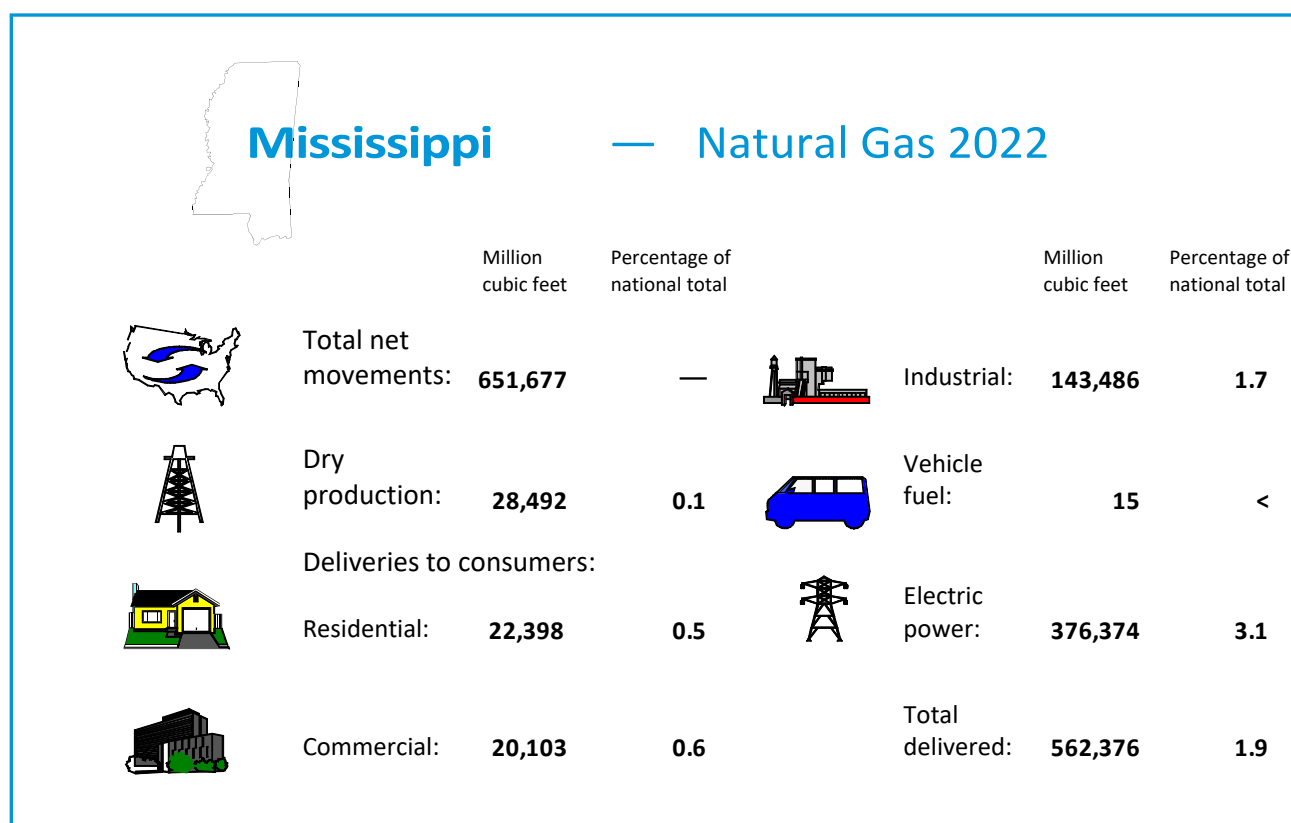


Table S26. Summary statistics for natural gas – Mississippi, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	30,633	27,573	R24,631	R23,782	24,616
Oil wells	4,931	5,735	R4,066	R3,787	3,877
Coalbed wells	0	0	0	0	0
Shale gas wells	0	0	0	0	0
Total gross withdrawals	35,564	33,307	R28,697	27,569	28,493
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	35,564	33,307	R28,697	27,569	28,493
NGPL production, gaseous equivalent	7	5	4	3	1
Total dry production	35,557	33,302	R28,693	27,566	28,492
Supply (million cubic feet)					
Dry production	35,557	33,302	R28,693	27,566	28,492
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	5,557,723	5,492,705	5,675,844	R5,820,963	5,982,918
Withdrawals from storage					
Underground storage	263,338	230,094	186,250	264,277	279,570
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	0	0	0	0	0
Balancing item	-97,761	-126,371	R-60,872	R-85,437	-104,629
Total supply	5,758,856	5,629,730	R5,829,916	R6,027,370	6,186,352

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	576,888	567,348	R593,085	R560,645	602,036
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	4,925,639	4,820,070	5,050,012	R5,197,823	5,331,241
Additions to storage					
Underground storage	256,329	242,312	186,819	268,902	253,075
LNG storage	0	0	0	0	0
Total disposition	5,758,856	5,629,730	R5,829,916	R6,027,370	6,186,352
Consumption (million cubic feet)					
Lease fuel	E1,354	E1,166	R1,004	E965	E997
Pipeline and distribution use	26,521	27,950	R30,030	R32,843	37,995
Plant fuel	701	748	709	697	668
Delivered to consumers					
Residential	24,426	23,168	20,611	R21,297	22,398
Commercial	21,039	20,407	18,322	R19,282	20,103
Industrial	134,953	132,714	131,207	R132,754	143,486
Vehicle fuel	38	9	6	12	15
Electric power	367,855	361,185	391,196	R352,794	376,374
Total delivered to consumers	548,312	537,484	561,342	R526,140	562,376
Total consumption	576,888	567,348	R593,085	R560,645	602,036
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	4,065	3,929	3,646	3,872	4,073
Industrial	123,012	121,026	119,909	121,868	132,336
Number of consumers					
Residential	464,826	466,782	463,705	R430,138	430,784
Commercial	51,283	51,209	49,155	R46,797	47,222
Industrial	952	942	903	R854	841
Average annual consumption per consumer (thousand cubic feet)					
Commercial	410	399	373	412	426
Industrial	141,758	140,886	145,302	R155,450	170,614
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.21	3.77	3.34	4.72	6.73
Delivered to consumers					
Residential	10.44	10.58	11.51	R12.64	14.59
Commercial	8.50	8.50	8.67	9.95	12.20
Industrial	5.09	4.70	4.07	R5.67	8.38
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); 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.

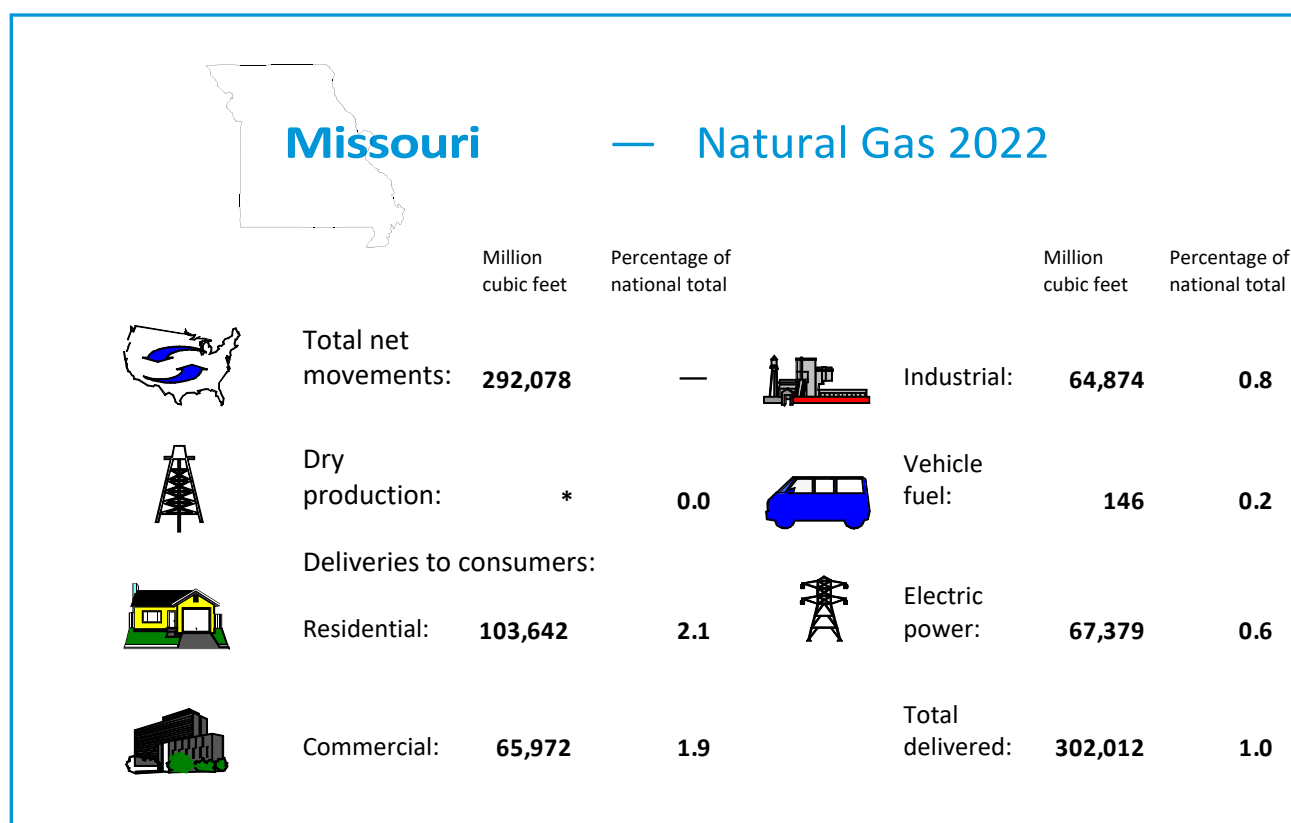


Table S27. Summary statistics for natural gas – Missouri, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	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	*	*
Non-marketed disposition					
Repressuring	0	NA	NA	NA	NA
Vented and flared	0	NA	NA	NA	NA
Nonhydrocarbon gases removed	0	NA	NA	NA	NA
Total non-marketed disposition	0	NA	NA	NA	NA
Dry production					
Marketed production	1	1	1	*	*
NGPL production, gaseous equivalent	0	0	0	0	0
Total dry production	1	1	1	*	*
Supply (million cubic feet)					
Dry production	1	1	1	*	*
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	1,464,932	1,315,898	R969,620	R763,527	918,737
Withdrawals from storage					
Underground storage	2,893	3,603	2,283	2,461	3,238
Liquefied natural gas (LNG) storage	1	10	7	0	0
Supplemental gas supplies	*	*	*	19	3
Balancing item	40,580	32,675	R28,876	R28,489	13,844
Total supply	1,508,409	1,352,187	R1,000,787	R794,496	935,823

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	322,805	320,115	R296,891	R287,330	306,590
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	1,181,888	1,028,902	701,922	R504,280	626,660
Additions to storage					
Underground storage	3,710	3,159	1,969	2,885	2,573
LNG storage	7	10	5	0	0
Total disposition	1,508,409	1,352,187	R1,000,787	R794,496	935,823
Consumption (million cubic feet)					
Lease fuel	NA	NA	0	NA	0
Pipeline and distribution use	9,360	8,207	R4,613	R4,169	4,578
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	113,938	110,611	99,984	101,464	103,642
Commercial	69,381	67,930	60,417	R62,452	65,972
Industrial	66,744	65,452	63,635	64,384	64,874
Vehicle fuel	405	378	181	222	146
Electric power	62,977	67,538	68,061	R54,640	67,379
Total delivered to consumers	313,445	311,908	292,278	R283,162	302,012
Total consumption	322,805	320,115	R296,891	R287,330	306,590
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	17,964	17,921	17,093	17,504	18,240
Industrial	57,552	57,284	56,189	56,505	57,197
Number of consumers					
Residential	1,410,178	1,421,619	1,437,585	1,444,001	1,450,087
Commercial	121,384	114,964	115,267	115,778	116,436
Industrial	3,155	3,130	3,093	3,042	3,020
Average annual consumption per consumer (thousand cubic feet)					
Commercial	572	591	524	R539	567
Industrial	21,155	20,911	20,574	21,165	21,481
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.40	4.22	3.54	8.30	5.84
Delivered to consumers					
Residential	10.37	10.41	10.39	R10.87	14.29
Commercial	7.96	7.67	7.35	R7.77	11.25
Industrial	6.51	6.20	5.77	R6.62	9.81
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); 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.

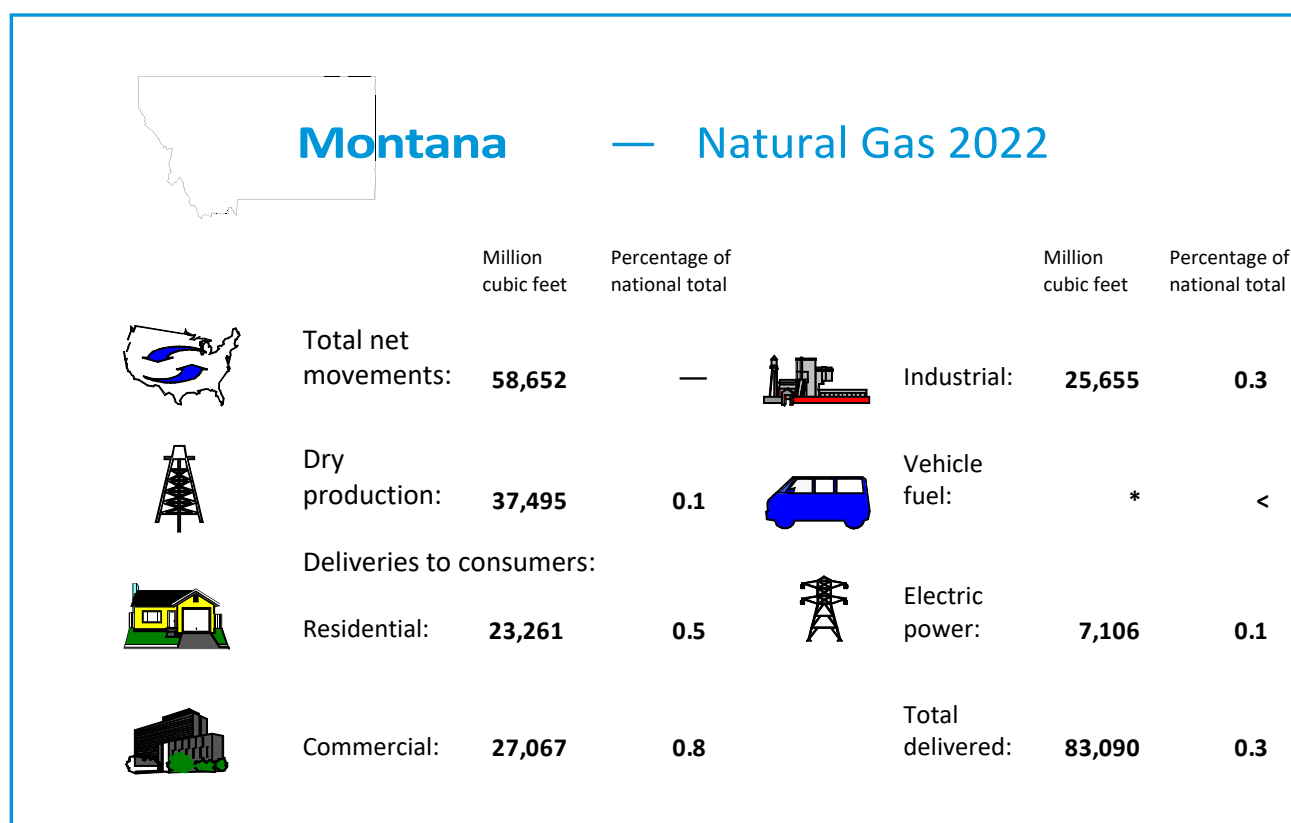


Table S28. Summary statistics for natural gas – Montana, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	12,751	11,020	R22,811	R21,819	21,478
Oil wells	25,113	28,047	R2,947	R3,099	2,615
Coalbed wells	98	56	R8	7	6
Shale gas wells	9,111	9,494	R16,302	R16,924	17,597
Total gross withdrawals	47,074	48,616	R42,067	R41,849	41,697
Non-marketed disposition					
Repressuring	4	4	5	4	3
Vented and flared	3,540	5,078	R3,870	R3,126	2,985
Nonhydrocarbon gases removed	NA	NA	NA	NA	0
Total non-marketed disposition	3,544	5,082	R3,875	R3,130	2,988
Dry production					
Marketed production	43,530	43,534	R38,191	R38,719	38,709
NGPL production, gaseous equivalent	1,434	1,460	1,082	1,240	1,214
Total dry production	42,096	42,074	R37,109	R37,479	37,495
Supply (million cubic feet)					
Dry production	42,096	42,074	R37,109	R37,479	37,495
Receipts					
Imports	464,207	384,092	274,660	292,121	298,060
Intransit receipts	0	0	1,023	0	0
Interstate receipts	34,547	42,728	55,267	46,121	48,980
Withdrawals from storage					
Underground storage	30,793	24,255	26,132	28,106	30,784
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	0	0	0	0	0
Balancing item	-1,778	-2,014	R-21,441	R-29,416	-5,644
Total supply	569,865	491,135	R372,750	R374,411	409,674

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	87,034	88,321	R81,606	R82,408	88,771
Deliveries					
Exports	1	1	*	0	2
Intransit deliveries	0	0	0	0	0
Interstate deliveries	459,277	378,961	257,801	266,101	288,386
Additions to storage					
Underground storage	23,554	23,852	33,342	25,903	32,515
LNG storage	0	0	0	0	0
Total disposition	569,865	491,135	R372,750	R374,411	409,674
Consumption (million cubic feet)					
Lease fuel	E2,919	E3,494	R2,431	R2,599	E2,479
Pipeline and distribution use	4,308	3,394	3,296	R2,954	2,506
Plant fuel	508	527	493	542	696
Delivered to consumers					
Residential	22,619	23,932	21,764	21,107	23,261
Commercial	26,308	27,790	25,598	24,668	27,067
Industrial	25,244	23,689	24,598	24,845	25,655
Vehicle fuel	*	*	*	*	*
Electric power	5,129	5,495	3,426	R5,693	7,106
Total delivered to consumers	79,300	80,906	75,386	R76,314	83,090
Total consumption	87,034	88,321	R81,606	R82,408	88,771
Delivered for other companies (million cubic feet)					
Residential	111	100	71	57	56
Commercial	13,918	14,593	13,770	12,992	13,592
Industrial	24,882	23,306	24,283	24,517	25,247
Number of consumers					
Residential	278,298	281,112	284,373	287,380	290,199
Commercial	37,281	37,757	38,246	R38,886	39,543
Industrial	346	342	337	338	340
Average annual consumption per consumer (thousand cubic feet)					
Commercial	706	736	669	634	685
Industrial	72,961	69,267	72,991	73,506	75,454
Average price for natural gas (dollars per thousand cubic feet)					
Imports	1.94	1.90	1.87	3.58	5.24
Exports	7.90	1.70	1.05	--	3.09
Citygate	3.02	2.66	2.92	4.92	5.87
Delivered to consumers					
Residential	7.32	7.09	7.22	8.86	10.42
Commercial	7.09	6.89	6.98	8.70	10.22
Industrial	6.42	5.85	5.99	7.14	9.14
Electric power	W	W	W	W	4.31

* 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); 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.

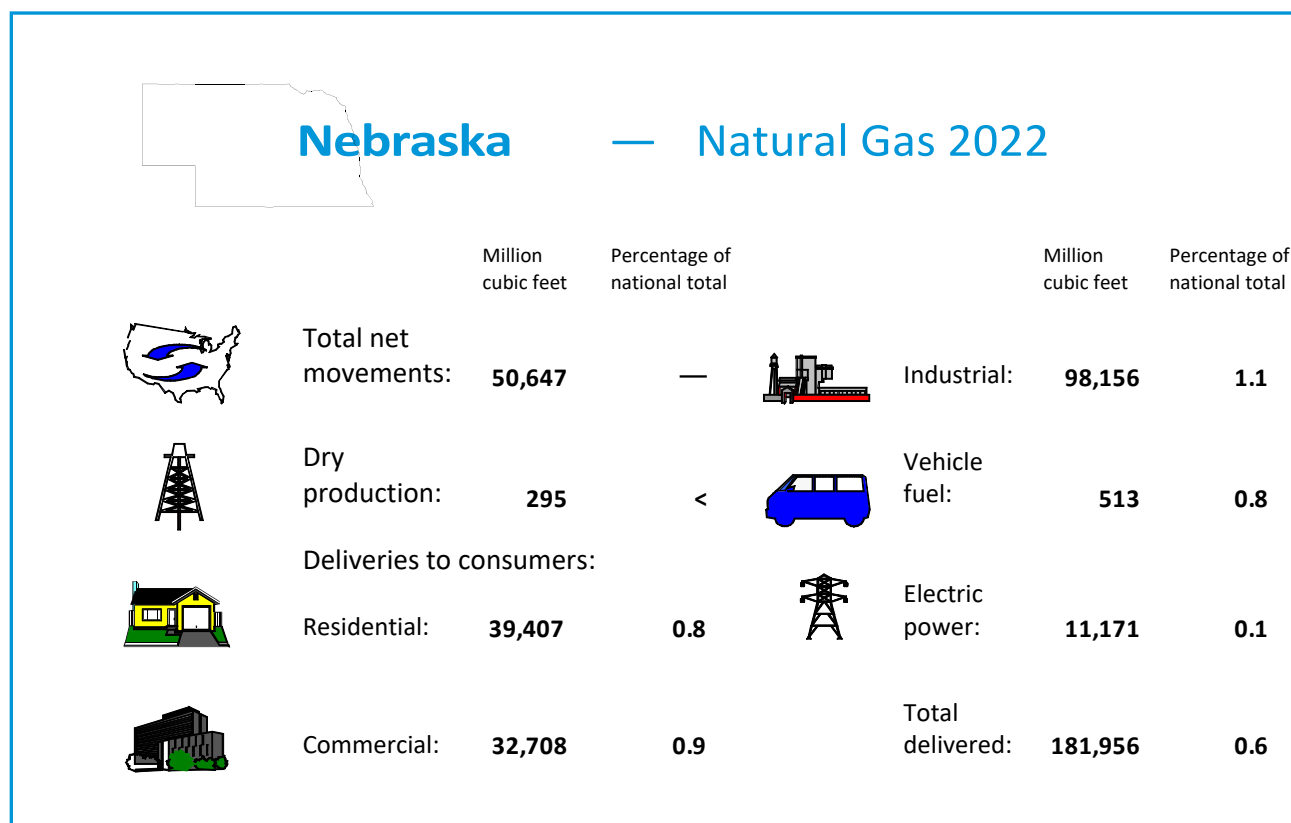


Table S29. Summary statistics for natural gas – Nebraska, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	16	11	R5	1	1
Oil wells	40	32	R22	R7	6
Coalbed wells	0	0	0	0	0
Shale gas wells	377	342	324	R319	288
Total gross withdrawals	433	384	351	327	295
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	433	384	351	327	295
NGPL production, gaseous equivalent	0	0	0	0	0
Total dry production	433	384	351	327	295
Supply (million cubic feet)					
Dry production	433	384	351	327	295
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	2,510,906	2,076,203	1,600,068	1,245,549	1,354,978
Withdrawals from storage					
Underground storage	8,596	7,794	9,686	7,578	9,936
Liquefied natural gas (LNG) storage	294	397	172	635	189
Supplemental gas supplies	622	161	54	366	299
Balancing item	-56,491	-14,473	47,610	R97,556	133,690
Total supply	2,464,360	2,070,467	1,657,942	R1,352,011	1,499,387

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	185,949	185,928	180,677	180,054	186,760
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	2,269,857	1,875,023	1,467,497	1,163,403	1,304,331
Additions to storage					
Underground storage	8,132	9,160	9,551	7,919	8,042
LNG storage	422	356	217	635	254
Total disposition	2,464,360	2,070,467	1,657,942	1,352,011	1,499,387
Consumption (million cubic feet)					
Lease fuel	78	68	63	58	53
Pipeline and distribution use	9,280	6,945	6,139	3,745	4,751
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	42,379	41,639	36,999	36,377	39,407
Commercial	35,349	35,388	31,600	31,822	32,708
Industrial	89,516	89,696	94,881	96,364	98,156
Vehicle fuel	150	155	159	412	513
Electric power	9,196	12,037	10,837	11,276	11,171
Total delivered to consumers	176,591	178,915	174,475	176,251	181,956
Total consumption	185,949	185,928	180,677	180,054	186,760
Delivered for other companies (million cubic feet)					
Residential	5,009	5,122	4,489	4,425	4,735
Commercial	15,469	15,726	14,122	14,158	14,621
Industrial	84,809	84,746	89,902	91,319	92,937
Number of consumers					
Residential	538,069	553,265	542,706	553,328	555,618
Commercial	58,786	59,808	58,723	61,629	62,106
Industrial	5,379	5,311	5,526	5,507	5,624
Average annual consumption per consumer (thousand cubic feet)					
Commercial	601	592	538	516	527
Industrial	16,642	16,889	17,170	17,498	17,453
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.11	3.65	3.23	6.60	7.07
Delivered to consumers					
Residential	8.54	7.90	8.04	9.59	12.83
Commercial	6.28	5.83	5.46	6.69	10.31
Industrial	4.48	4.27	3.88	5.36	8.02
Electric power	3.77	3.16	2.52	13.39	8.35

-- 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); 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.

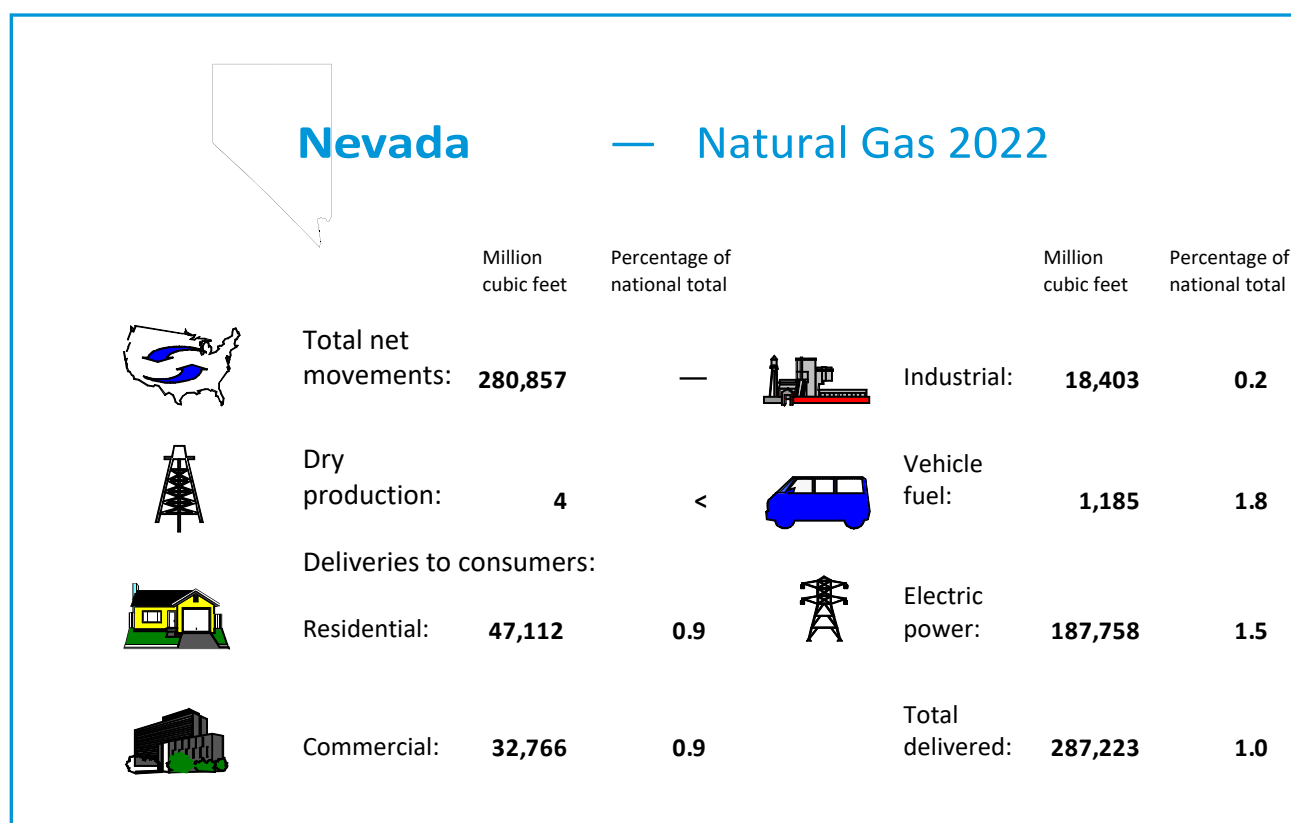


Table S30. Summary statistics for natural gas – Nevada, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	0	*	R3	1	4
Oil wells	3	5	R9	3	*
Coalbed wells	0	0	0	0	0
Shale gas wells	0	0	0	0	0
Total gross withdrawals	3	5	12	4	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	5	12	4	4
NGPL production, gaseous equivalent	0	0	0	0	0
Total dry production	3	5	12	4	4
Supply (million cubic feet)					
Dry production	3	5	12	4	4
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	1,024,725	1,082,508	1,043,455	1,006,681	929,011
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	86	110	131	95	165
Supplemental gas supplies	0	0	0	0	0
Balancing item	18,981	22,678	14,093	R14,078	9,794
Total supply	1,043,795	1,105,300	1,057,691	R1,020,858	938,974

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	299,783	302,555	299,340	R293,756	290,730
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	1	0
Interstate deliveries	743,926	802,663	758,243	727,009	648,153
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	86	83	108	92	91
Total disposition	1,043,795	1,105,300	1,057,691	R1,020,858	938,974
Consumption (million cubic feet)					
Lease fuel	E3	E5	12	E4	E4
Pipeline and distribution use	3,945	4,304	3,899	3,467	3,503
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	41,837	47,931	46,009	44,848	47,112
Commercial	32,772	35,190	25,837	30,739	32,766
Industrial	20,153	20,681	19,264	17,558	18,403
Vehicle fuel	1,233	1,271	1,133	1,144	1,185
Electric power	199,840	193,172	203,186	R195,995	187,758
Total delivered to consumers	295,836	298,245	295,429	R290,285	287,223
Total consumption	299,783	302,555	299,340	R293,756	290,730
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	13,558	13,990	7,760	11,764	12,033
Industrial	17,298	17,669	16,420	14,485	15,110
Number of consumers					
Residential	871,236	887,612	906,016	922,888	936,598
Commercial	44,615	45,373	46,111	46,515	47,265
Industrial	231	216	224	226	228
Average annual consumption per consumer (thousand cubic feet)					
Commercial	735	776	560	661	693
Industrial	87,243	95,747	86,001	77,692	80,714
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.99	4.11	3.23	6.06	9.10
Delivered to consumers					
Residential	9.24	9.50	10.36	9.72	12.72
Commercial	6.34	6.49	7.25	6.56	9.39
Industrial	5.35	5.81	6.00	5.59	8.23
Electric power	3.28	3.20	2.75	4.68	8.26

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

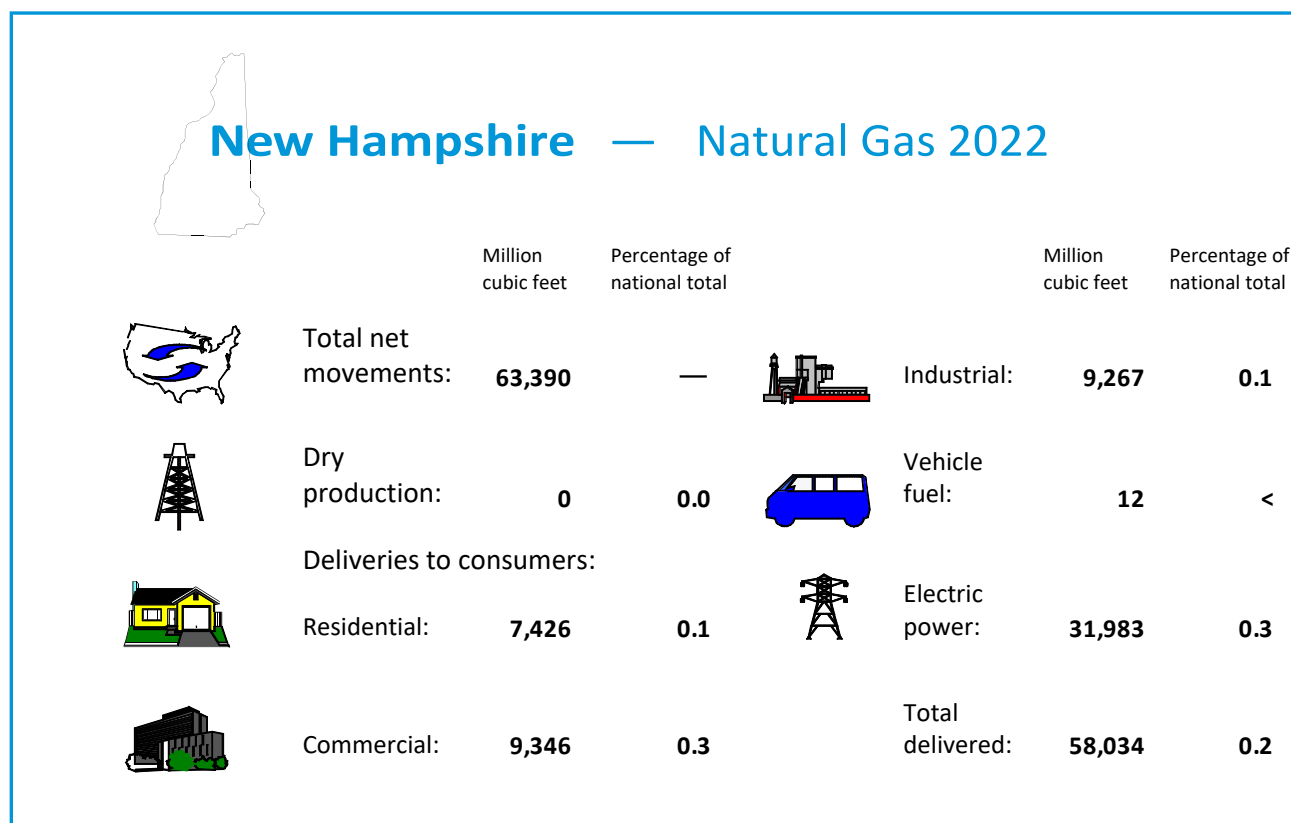


Table S31. Summary statistics for natural gas – New Hampshire, 2018-2022

	2018	2019	2020	2021	2022
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	93,181	100,086	99,821	109,240	112,461
Intransit receipts	0	0	0	0	11,930
Interstate receipts	183,361	183,726	184,136	198,973	218,925
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	192	222	89	190	367
Supplemental gas supplies	0	0	0	0	0
Balancing item	-7,161	-4,593	-6,300	-13,643	-5,254
Total supply	269,573	279,440	277,746	294,760	338,429

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	49,888	53,650	51,966	58,252	58,135
Deliveries					
Exports	705	1,992	34	113	33
Intransit deliveries	*	0	0	0	0
Interstate deliveries	218,784	223,571	225,654	236,206	279,893
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	195	227	91	189	368
Total disposition	269,573	279,440	277,746	294,760	338,429
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	146	163	153	277	102
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	8,134	8,034	7,403	7,438	7,426
Commercial	10,129	10,135	9,036	9,338	9,346
Industrial	9,916	9,834	9,293	9,082	9,267
Vehicle fuel	*	23	19	13	12
Electric power	21,563	25,460	26,063	32,104	31,983
Total delivered to consumers	49,742	53,487	51,814	57,975	58,034
Total consumption	49,888	53,650	51,966	58,252	58,135
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	4,416	4,290	3,636	3,787	3,719
Industrial	9,116	9,115	8,675	8,349	8,423
Number of consumers					
Residential	107,447	109,303	112,022	113,574	114,313
Commercial	18,696	19,076	19,485	19,630	19,657
Industrial	193	194	195	198	191
Average annual consumption per consumer (thousand cubic feet)					
Commercial	542	531	464	476	475
Industrial	51,376	50,693	47,654	45,869	48,516
Average price for natural gas (dollars per thousand cubic feet)					
Imports	5.08	3.54	2.43	4.58	8.67
Exports	10.30	8.73	2.31	2.59	6.92
Citygate	7.12	5.74	4.91	6.40	9.44
Delivered to consumers					
Residential	15.35	15.75	14.66	16.31	20.51
Commercial	12.72	12.48	11.29	12.60	16.24
Industrial	9.81	9.45	8.47	9.53	13.19
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, 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: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

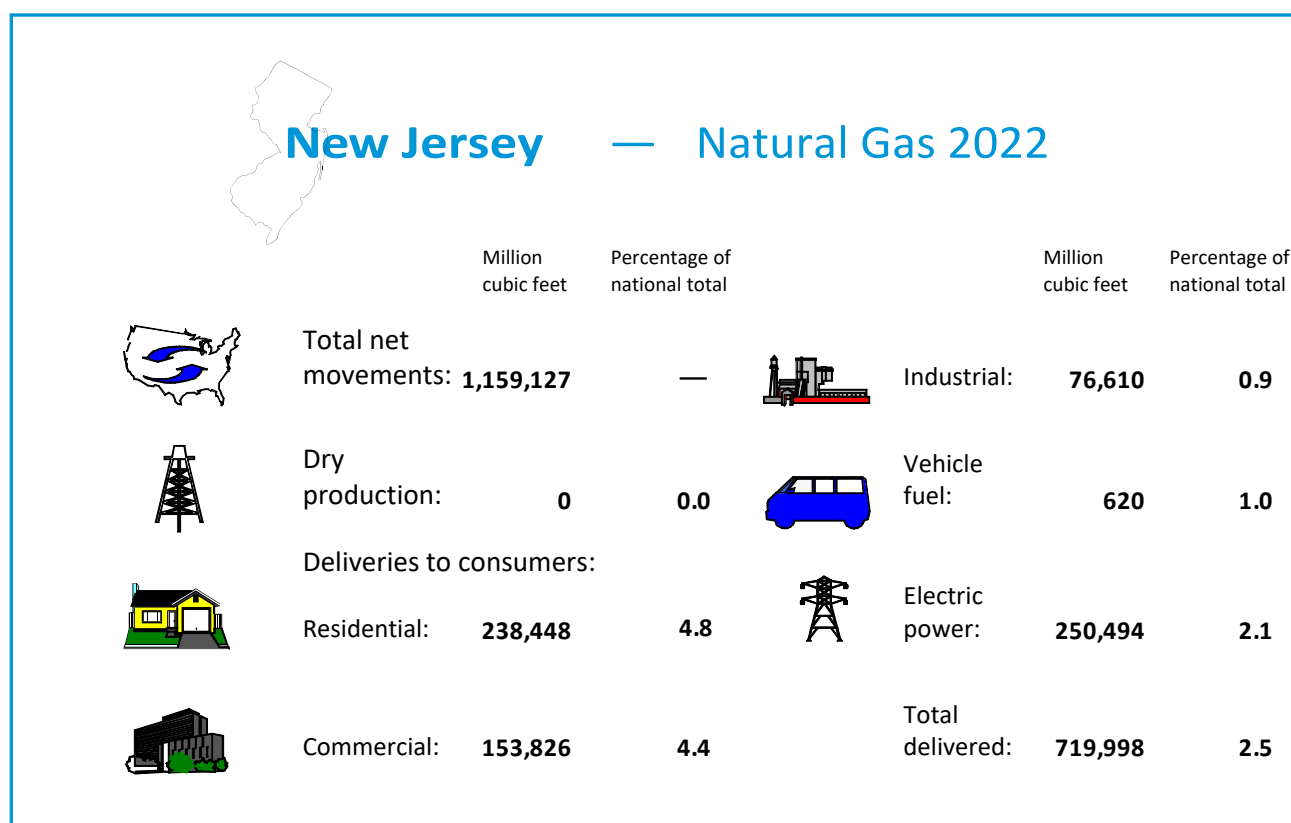


Table S32. Summary statistics for natural gas – New Jersey, 2018-2022

	2018	2019	2020	2021	2022
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	1,634,610	1,699,035	1,535,454	1,759,906	1,921,473
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	4,047	3,584	2,223	1,782	4,607
Supplemental gas supplies	0	0	0	0	0
Balancing item	-124,792	-125,206	-128,983	R-370,146	-430,651
Total supply	1,513,865	1,577,412	1,408,694	R1,391,542	1,495,429

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	770,284	761,005	653,447	R671,501	727,341
Deliveries					
Exports	0	0	0	0	1
Intransit deliveries	0	0	0	0	0
Interstate deliveries	737,708	812,232	752,477	717,665	762,345
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	5,873	4,175	2,770	2,375	5,741
Total disposition	1,513,865	1,577,412	1,408,694	R1,391,542	1,495,429
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	5,464	8,667	6,809	7,407	7,344
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	247,585	239,055	223,370	232,225	238,448
Commercial	167,351	155,507	138,105	150,083	153,826
Industrial	64,167	65,061	58,710	60,186	76,610
Vehicle fuel	421	343	277	449	620
Electric power	285,296	292,372	226,176	R221,152	250,494
Total delivered to consumers	764,821	752,338	646,638	R664,095	719,998
Total consumption	770,284	761,005	653,447	R671,501	727,341
Delivered for other companies (million cubic feet)					
Residential	11,247	8,475	7,268	6,628	5,748
Commercial	98,428	85,199	78,850	85,617	85,676
Industrial	60,291	60,833	55,104	56,470	72,629
Number of consumers					
Residential	2,816,414	2,844,264	2,871,126	2,904,021	2,930,232
Commercial	246,103	246,963	247,736	249,225	250,345
Industrial	6,972	6,927	6,813	6,696	6,642
Average annual consumption per consumer (thousand cubic feet)					
Commercial	680	630	557	602	614
Industrial	9,204	9,392	8,617	8,988	11,534
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	17.98
Citygate	4.68	4.83	4.38	4.75	6.42
Delivered to consumers					
Residential	9.09	9.73	9.92	10.26	12.53
Commercial	9.01	9.05	8.79	10.14	13.08
Industrial	8.03	7.63	7.54	9.42	11.46
Electric power	3.18	2.89	1.85	R3.75	7.14

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

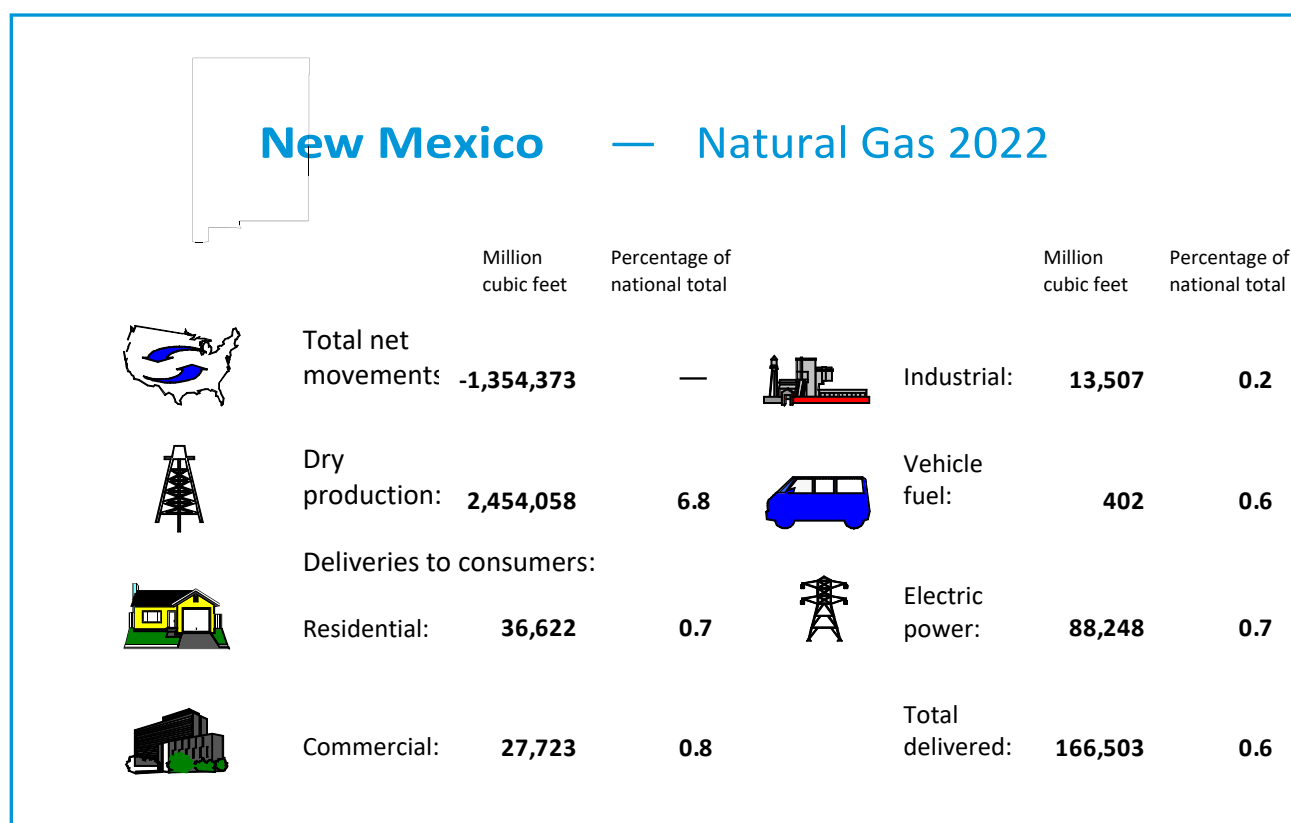


Table S33. Summary statistics for natural gas – New Mexico, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	523,228	486,650	R408,726	R390,453	388,770
Oil wells	78,929	75,978	R38,497	R44,709	52,675
Coalbed wells	235,102	220,605	R204,498	R193,583	190,296
Shale gas wells	703,725	1,034,994	R1,353,797	R1,648,290	2,078,686
Total gross withdrawals	1,540,984	1,818,227	R2,005,518	2,277,035	2,710,427
Non-marketed disposition					
Repressuring	4,830	3,015	R17,449	R22,592	4,273
Vented and flared	37,413	37,294	R22,535	R17,277	18,923
Nonhydrocarbon gases removed	5,659	8,831	NA	NA	NA
Total non-marketed disposition	47,902	49,140	R39,984	R39,870	23,196
Dry production					
Marketed production	1,493,082	1,769,086	R1,965,533	R2,237,165	2,687,231
NGPL production, gaseous equivalent	125,141	169,911	189,942	R196,257	233,173
Total dry production	1,367,940	1,599,175	R1,775,591	R2,040,908	2,454,058
Supply (million cubic feet)					
Dry production	1,367,940	1,599,175	R1,775,591	R2,040,908	2,454,058
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	631,002	753,621	780,091	631,316	553,094
Withdrawals from storage					
Underground storage	23,619	13,832	12,896	28,448	19,964
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	0	0	0	0	0
Balancing item	-62,757	-218,293	R-297,386	R-450,848	-810,929
Total supply	1,959,805	2,148,335	R2,271,192	R2,249,825	2,216,188

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	271,547	296,352	R284,656	R277,216	291,371
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	1,674,384	1,826,372	1,967,960	1,960,626	1,907,468
Additions to storage					
Underground storage	13,874	25,611	18,576	11,983	17,349
LNG storage	0	0	0	0	0
Total disposition	1,959,805	2,148,335	R2,271,192	R2,249,825	2,216,188
Consumption (million cubic feet)					
Lease fuel	E40,029	E43,651	R45,793	R60,337	72,615
Pipeline and distribution use	9,903	12,192	12,876	10,730	11,495
Plant fuel	43,798	46,454	45,920	44,187	40,758
Delivered to consumers					
Residential	34,438	42,384	36,436	35,559	36,622
Commercial	25,948	29,661	25,408	26,944	27,723
Industrial	18,769	18,362	18,006	17,086	13,507
Vehicle fuel	224	217	377	397	402
Electric power	98,438	103,430	99,840	R81,976	88,248
Total delivered to consumers	177,817	194,054	180,067	R161,962	166,503
Total consumption	271,547	296,352	R284,656	R277,216	291,371
Delivered for other companies (million cubic feet)					
Residential	12	12	10	9	9
Commercial	11,383	12,022	10,343	11,571	11,767
Industrial	17,675	16,760	15,575	14,574	10,946
Number of consumers					
Residential	592,775	594,859	605,734	609,186	610,898
Commercial	51,222	51,179	51,655	51,221	51,309
Industrial	82	91	98	540	470
Average annual consumption per consumer (thousand cubic feet)					
Commercial	507	580	492	526	540
Industrial	228,896	201,778	183,734	31,641	28,739
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.05	2.56	2.52	6.96	6.85
Delivered to consumers					
Residential	7.89	6.40	7.04	9.77	12.51
Commercial	5.57	4.56	4.76	7.33	10.34
Industrial	3.72	3.48	3.06	6.03	9.62
Electric power	2.53	1.30	1.65	5.60	6.69

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

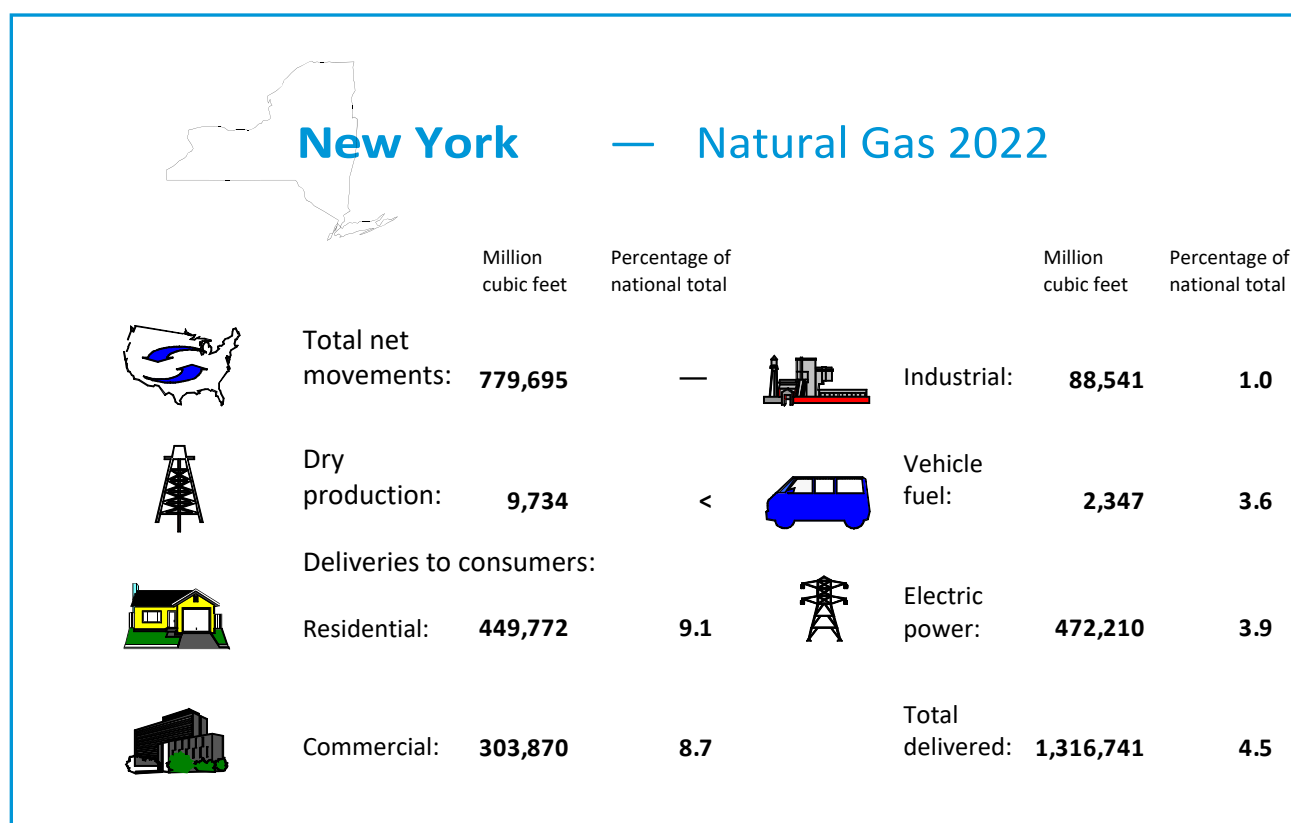


Table S34. Summary statistics for natural gas – New York, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	10,420	10,663	R9,370	R9,321	9,347
Oil wells	221	280	R272	374	375
Coalbed wells	0	0	0	0	0
Shale gas wells	12	19	R15	R13	13
Total gross withdrawals	10,653	10,962	R9,657	9,708	9,734
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	10,653	10,962	R9,657	9,708	9,734
NGPL production, gaseous equivalent	0	0	0	0	0
Total dry production	10,653	10,962	R9,657	9,708	9,734
Supply (million cubic feet)					
Dry production	10,653	10,962	R9,657	9,708	9,734
Receipts					
Imports	191,792	175,765	179,361	199,441	214,064
Intransit receipts	0	0	0	*	0
Interstate receipts	1,853,038	1,885,060	1,776,623	1,843,181	1,993,234
Withdrawals from storage					
Underground storage	94,714	76,395	78,415	86,561	85,015
Liquefied natural gas (LNG) storage	791	815	490	708	991
Supplemental gas supplies	0	0	0	0	1,138
Balancing item	503,468	433,091	R480,674	R712,918	560,649
Total supply	2,654,457	2,582,087	R2,525,219	R2,852,516	2,864,826

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	1,350,443	1,296,268	1,263,584	R1,317,285	1,356,629
Deliveries					
Exports	275,654	276,594	277,083	256,336	252,170
Intransit deliveries	0	0	R1,490	16,265	12,353
Interstate deliveries	946,746	916,886	903,594	1,176,738	1,163,080
Additions to storage					
Underground storage	80,521	91,709	78,732	85,110	79,893
LNG storage	1,093	629	737	782	700
Total disposition	2,654,457	2,582,087	R2,525,219	R2,852,516	2,864,826
Consumption (million cubic feet)					
Lease fuel	E170	E175	155	E155	E156
Pipeline and distribution use	26,482	29,832	26,691	35,558	39,732
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	485,693	473,617	437,122	445,564	449,772
Commercial	330,213	322,778	288,916	297,800	303,870
Industrial	91,430	90,330	86,401	89,731	88,541
Vehicle fuel	960	970	922	1,130	2,347
Electric power	415,495	378,567	423,377	R447,346	472,210
Total delivered to consumers	1,323,790	1,266,261	1,236,738	R1,281,571	1,316,741
Total consumption	1,350,443	1,296,268	1,263,584	R1,317,285	1,356,629
Delivered for other companies (million cubic feet)					
Residential	125,815	115,546	104,769	100,557	92,077
Commercial	206,234	199,130	176,108	177,305	177,714
Industrial	86,152	85,107	81,783	85,055	84,159
Number of consumers					
Residential	4,523,141	4,545,244	4,547,497	4,559,338	4,588,842
Commercial	405,066	410,386	415,879	424,324	419,788
Industrial	6,867	7,049	6,663	6,044	6,089
Average annual consumption per consumer (thousand cubic feet)					
Commercial	815	787	695	702	724
Industrial	13,314	12,815	12,967	14,846	14,541
Average price for natural gas (dollars per thousand cubic feet)					
Imports	4.47	3.43	2.35	4.22	7.82
Exports	3.03	2.51	1.84	3.57	6.16
Citygate	4.87	4.25	3.65	4.77	6.89
Delivered to consumers					
Residential	12.37	12.61	12.80	13.78	16.34
Commercial	7.36	7.21	6.88	7.91	10.31
Industrial	7.83	7.70	7.00	8.38	11.30
Electric power	3.87	3.05	2.19	R4.05	7.58

* Volume is less than 500,000 cubic feet.

^ Percentage is less than 0.05%.

E Estimated data.

NA Not available.

R Revised data.

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

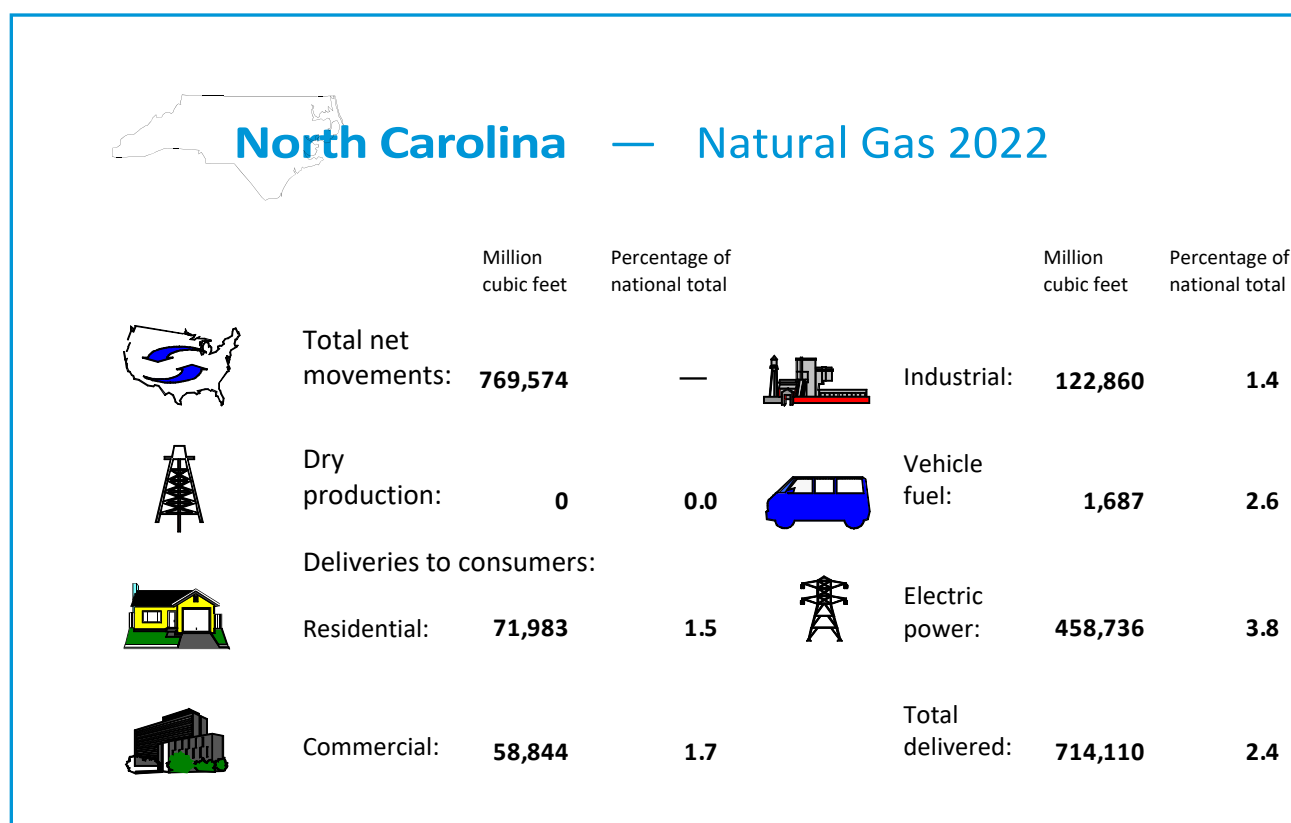


Table S35. Summary statistics for natural gas – North Carolina, 2018-2022

	2018	2019	2020	2021	2022
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	620,787	595,836	581,973	666,699	769,574
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	6,202	4,916	3,537	6,621	9,678
Supplemental gas supplies	0	0	0	0	0
Balancing item	-37,238	-43,293	-42,526	R-49,834	-50,565
Total supply	589,751	557,459	542,985	R623,486	728,687

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	582,418	552,284	539,759	R616,589	720,007
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	7,333	5,175	3,226	6,897	8,680
Total disposition	589,751	557,459	542,985	R623,486	728,687
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	2,903	2,643	3,190	3,175	5,897
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	73,262	67,948	64,045	72,067	71,983
Commercial	57,989	57,310	52,183	56,718	58,844
Industrial	116,776	119,114	115,346	122,230	122,860
Vehicle fuel	1,369	1,575	1,633	1,595	1,687
Electric power	330,119	303,694	303,361	R360,804	458,736
Total delivered to consumers	579,515	549,641	536,569	R613,414	714,110
Total consumption	582,418	552,284	539,759	R616,589	720,007
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	7,528	7,775	7,560	7,739	7,758
Industrial	103,557	104,661	101,674	107,361	106,512
Number of consumers					
Residential	1,279,791	1,304,584	1,331,848	1,367,653	1,389,857
Commercial	126,541	127,848	128,646	129,518	133,444
Industrial	2,666	2,681	2,691	2,672	2,681
Average annual consumption per consumer (thousand cubic feet)					
Commercial	458	448	406	438	441
Industrial	43,802	44,429	42,864	45,745	45,826
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.13	3.85	3.27	4.58	6.48
Delivered to consumers					
Residential	12.11	12.88	13.23	14.12	17.20
Commercial	8.48	8.76	9.01	9.87	12.35
Industrial	6.18	5.78	5.24	6.33	9.27
Electric power	4.43	3.69	3.35	R4.55	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, 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: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

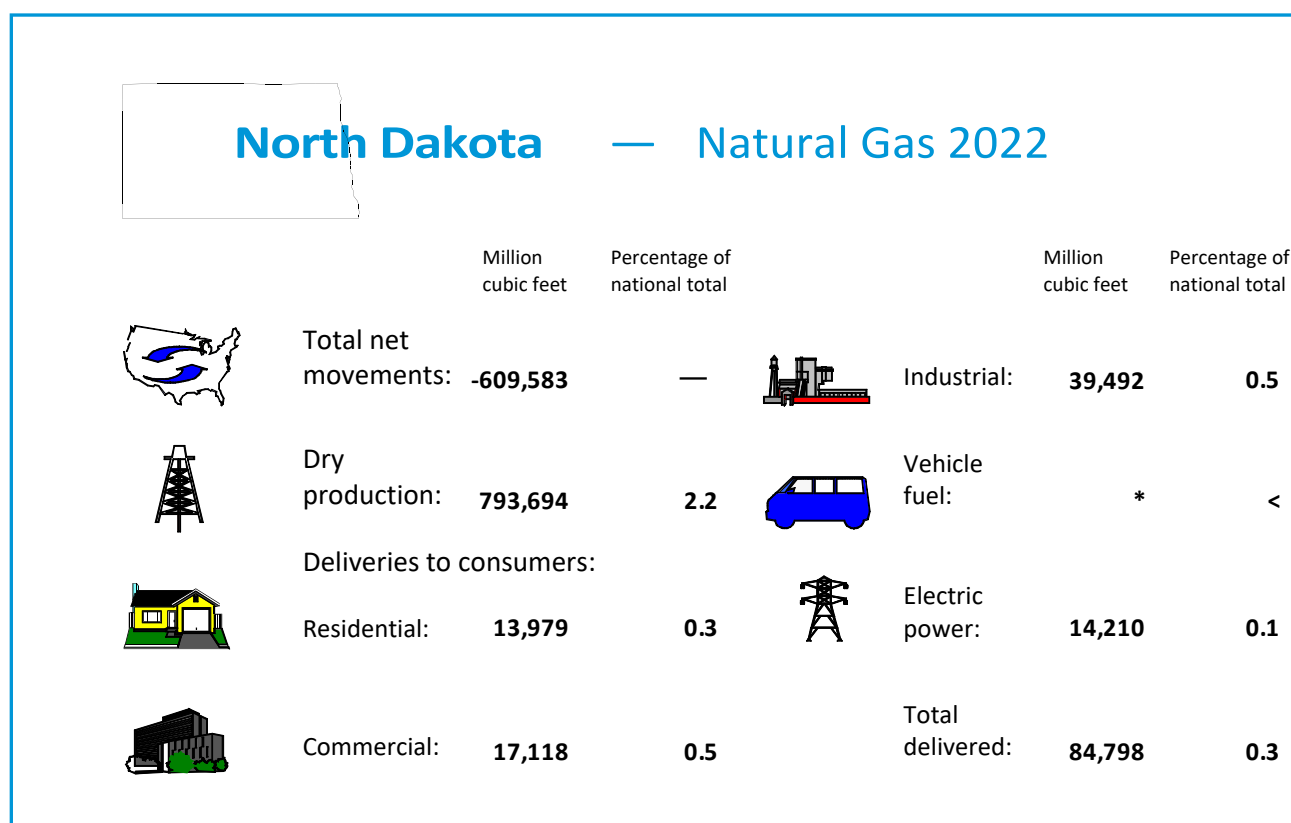


Table S36. Summary statistics for natural gas – North Dakota, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	14,300	11,964	R8,368	R8,025	6,287
Oil wells	26,966	26,325	R6,732	R5,881	7,926
Coalbed wells	0	0	0	0	0
Shale gas wells	819,550	1,022,801	R971,876	R1,061,647	1,057,494
Total gross withdrawals	860,817	1,061,091	R986,977	R1,075,553	1,071,706
Non-marketed disposition					
Repressuring	NA	NA	NA	NA	NA
Vented and flared	148,501	205,278	R99,532	R76,459	64,085
Nonhydrocarbon gases removed	5,764	4,986	R0	NA	NA
Total non-marketed disposition	154,265	210,265	R99,532	R76,459	64,085
Dry production					
Marketed production	706,552	850,826	R887,445	R999,094	1,007,621
NGPL production, gaseous equivalent	140,239	160,637	164,433	R200,332	213,927
Total dry production	566,313	690,189	R723,012	R798,762	793,694
Supply (million cubic feet)					
Dry production	566,313	690,189	R723,012	R798,762	793,694
Receipts					
Imports	487,071	460,986	383,491	443,555	486,081
Intransit receipts	1	0	106,618	104,312	0
Interstate receipts	450,021	367,815	246,770	249,917	272,945
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	58,818	50,806	52,364	51,779	50,601
Balancing item	-63,459	-58,379	R-134,715	R-136,694	-46,611
Total supply	1,498,765	1,511,417	R1,377,540	R1,511,632	1,556,711

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	126,325	148,302	176,037	183,999	188,102
Deliveries					
Exports	5	488	1,272	1,045	669
Intransit deliveries	0	0	0	0	0
Interstate deliveries	1,372,435	1,362,627	1,200,231	1,326,587	1,367,940
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	0	0	0	0	0
Total disposition	1,498,765	1,511,417	1,377,540	1,511,632	1,556,711
Consumption (million cubic feet)					
Lease fuel	16,356	20,161	49,069	51,305	47,911
Pipeline and distribution use	20,583	29,181	27,451	35,463	34,870
Plant fuel	17,306	19,412	18,701	18,221	20,523
Delivered to consumers					
Residential	12,681	13,124	11,965	11,156	13,979
Commercial	14,454	15,455	14,563	13,855	17,118
Industrial	35,072	36,093	38,496	38,461	39,492
Vehicle fuel	*	*	*	*	*
Electric power	9,873	14,877	15,793	15,538	14,210
Total delivered to consumers	72,080	79,549	80,816	79,010	84,798
Total consumption	126,325	148,302	176,037	183,999	188,102
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	1,010	998	882	831	941
Industrial	21,694	22,265	24,105	24,759	25,165
Number of consumers					
Residential	146,336	148,015	149,828	152,032	154,050
Commercial	22,880	23,280	23,685	24,205	24,599
Industrial	272	270	266	271	273
Average annual consumption per consumer (thousand cubic feet)					
Commercial	632	664	615	572	696
Industrial	128,940	133,679	144,721	141,924	144,659
Average price for natural gas (dollars per thousand cubic feet)					
Imports	2.39	1.97	1.58	3.78	5.61
Exports	8.86	1.77	1.20	4.00	5.50
Citygate	3.82	3.57	3.27	6.44	7.11
Delivered to consumers					
Residential	7.20	7.00	6.82	9.11	10.90
Commercial	5.90	5.67	5.26	7.19	9.62
Industrial	3.29	2.82	2.04	4.63	6.75
Electric power	3.02	3.27	2.86	2.97	9.14

* Volume is less than 500,000 cubic feet.

^ Percentage is less than 0.05%.

^E Estimated data.

^{NA} Not available.

^R Revised data.

^{RE} Revised estimated 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, 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: 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.

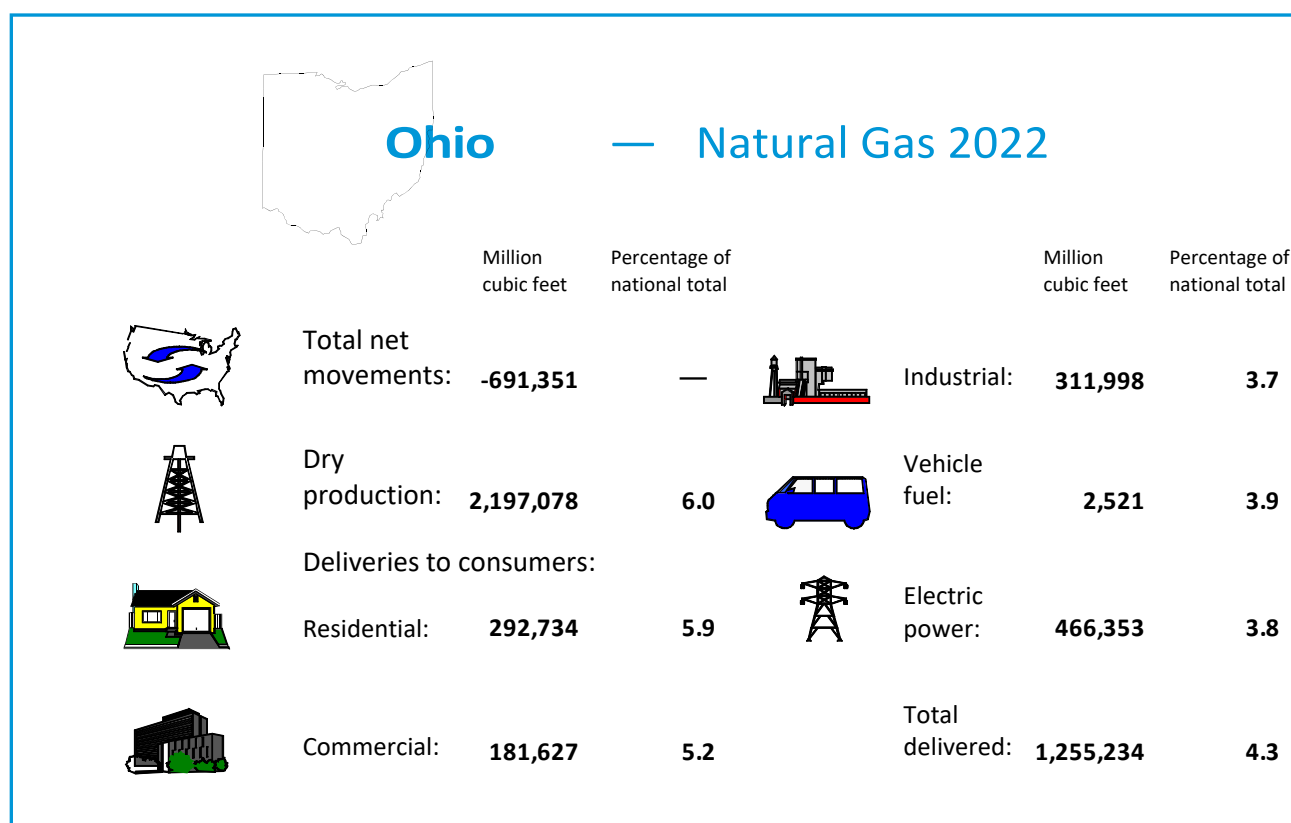


Table S37. Summary statistics for natural gas – Ohio, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	44,150	45,458	R39,172	R56,384	59,266
Oil wells	4,432	5,294	R3,860	R5,059	4,926
Coalbed wells	9	8	R9	R9	9
Shale gas wells	2,354,791	2,600,871	R2,346,589	R2,217,278	2,180,770
Total gross withdrawals	2,403,382	2,651,631	R2,389,629	R2,278,731	2,244,971
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	2,403,382	2,651,631	R2,389,629	R2,278,731	2,244,971
NGPL production, gaseous equivalent	62,570	51,980	49,359	46,575	47,893
Total dry production	2,340,812	2,599,651	R2,340,270	R2,232,156	2,197,078
Supply (million cubic feet)					
Dry production	2,340,812	2,599,651	R2,340,270	R2,232,156	2,197,078
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	2,107,493	2,154,847	R2,407,948	R2,698,483	2,954,457
Withdrawals from storage					
Underground storage	156,952	147,756	152,327	160,023	170,540
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	388	383	336	2,632	2,201
Balancing item	-41,184	-129,060	R42,271	R20,326	-189,350
Total supply	4,564,461	4,773,578	R4,943,152	R5,113,620	5,134,925

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	1,162,745	1,183,927	R1,156,738	R1,212,738	1,325,562
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	3,249,605	3,426,553	R3,623,890	R3,739,533	3,645,808
Additions to storage					
Underground storage	152,112	163,098	162,525	161,349	163,556
LNG storage	0	0	0	0	0
Total disposition	4,564,461	4,773,578	R4,943,152	R5,113,620	5,134,925
Consumption (million cubic feet)					
Lease fuel	E16,692	E18,561	R16,727	RE15,951	E15,715
Pipeline and distribution use	28,646	32,170	R44,448	R51,095	52,575
Plant fuel	4,578	3,043	5,527	3,702	2,038
Delivered to consumers					
Residential	301,232	290,080	271,863	272,676	292,734
Commercial	178,992	177,428	162,029	169,448	181,627
Industrial	309,181	298,171	282,004	310,019	311,998
Vehicle fuel	497	510	1,141	1,105	2,521
Electric power	322,926	363,963	372,998	R388,742	466,353
Total delivered to consumers	1,112,829	1,130,153	1,090,035	R1,141,990	1,255,234
Total consumption	1,162,745	1,183,927	R1,156,738	R1,212,738	1,325,562
Delivered for other companies (million cubic feet)					
Residential	250,584	242,340	227,632	228,008	239,968
Commercial	164,488	163,372	148,281	154,678	163,829
Industrial	306,441	295,349	279,566	307,183	309,294
Number of consumers					
Residential	3,353,692	3,370,186	3,409,315	3,427,853	3,479,692
Commercial	268,546	269,341	271,338	273,347	266,732
Industrial	5,820	5,696	5,495	5,488	5,673
Average annual consumption per consumer (thousand cubic feet)					
Commercial	667	659	597	620	681
Industrial	53,124	52,347	51,320	56,490	54,997
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.97	3.60	3.13	4.53	6.59
Delivered to consumers					
Residential	9.10	9.58	9.53	11.08	13.07
Commercial	5.92	5.97	5.63	6.64	8.39
Industrial	6.57	6.21	5.93	8.00	10.78
Electric power	3.30	2.58	1.99	R3.90	6.34

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

RE Revised estimated 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, 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: 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.

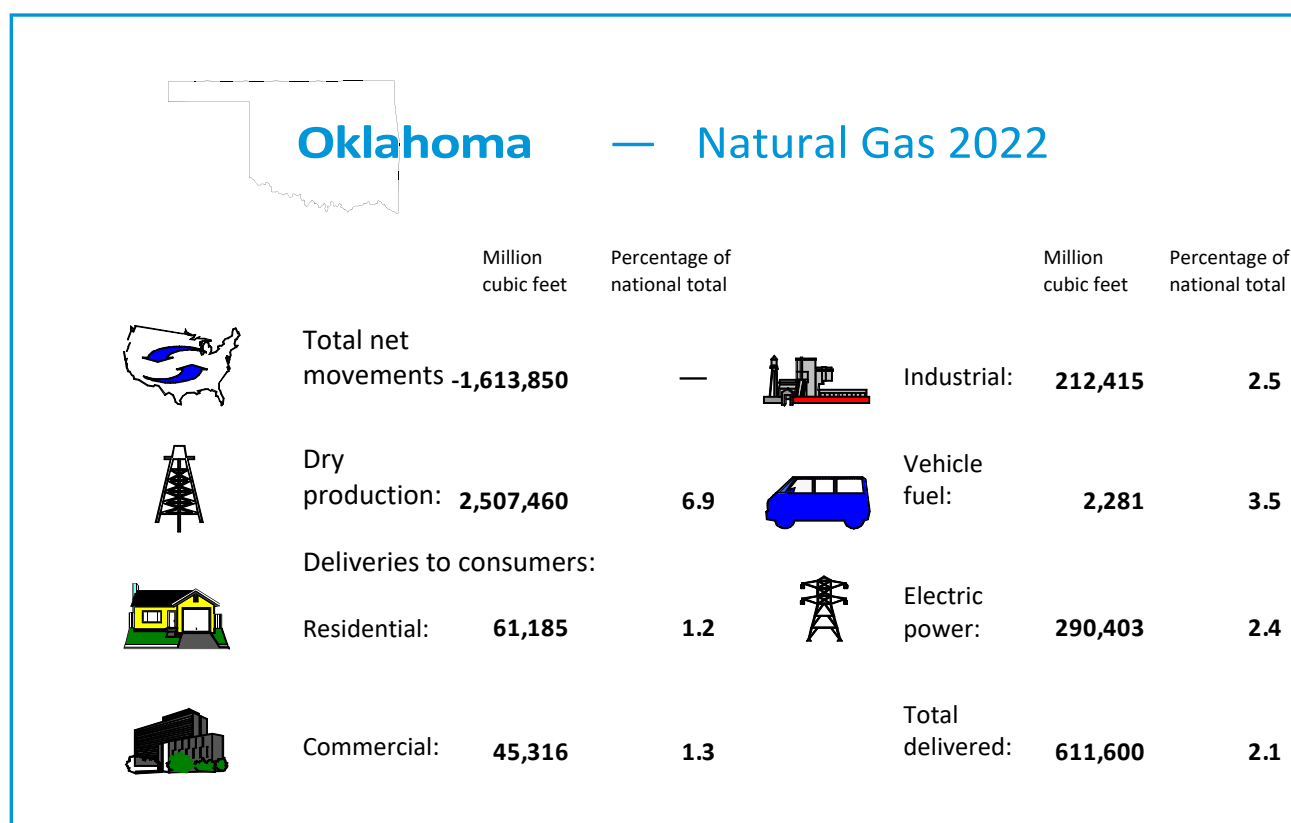


Table S38. Summary statistics for natural gas – Oklahoma, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	680,763	671,046	R558,065	R504,971	533,960
Oil wells	81,673	84,792	R56,936	R49,096	61,866
Coalbed wells	49,481	50,409	R46,156	R44,251	49,925
Shale gas wells	2,063,870	2,229,805	R2,012,050	R1,957,111	2,118,268
Total gross withdrawals	2,875,787	3,036,052	R2,673,207	R2,555,430	2,764,019
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	2,875,787	3,036,052	R2,673,207	R2,555,430	2,764,019
NGPL production, gaseous equivalent	250,548	285,457	257,268	R257,979	256,559
Total dry production	2,625,239	2,750,595	R2,415,939	R2,297,451	2,507,460
Supply (million cubic feet)					
Dry production	2,625,239	2,750,595	R2,415,939	R2,297,451	2,507,460
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	995,187	1,020,603	829,078	R625,609	683,448
Withdrawals from storage					
Underground storage	152,982	146,334	160,426	142,486	161,885
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	0	0	0	0	543
Balancing item	-96,534	-169,436	R-153,940	R-195,921	-140,562
Total supply	3,676,875	3,748,096	R3,251,503	R2,869,625	3,212,773

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	807,023	834,520	819,499	824,890	760,571
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	2,728,683	2,756,271	2,280,255	1,985,387	2,297,297
Additions to storage					
Underground storage	141,169	157,305	151,743	159,348	154,905
LNG storage	0	0	6	0	0
Total disposition	3,676,875	3,748,096	3,251,503	2,869,625	3,212,773
Consumption (million cubic feet)					
Lease fuel	62,868	66,793	58,811	56,219	60,808
Pipeline and distribution use	56,437	57,075	43,880	42,105	42,038
Plant fuel	46,758	43,563	46,620	45,062	46,125
Delivered to consumers					
Residential	67,340	67,890	60,719	63,876	61,185
Commercial	46,960	48,791	42,400	43,835	45,316
Industrial	207,901	211,168	219,708	207,511	212,415
Vehicle fuel	1,631	1,753	1,645	1,759	2,281
Electric power	317,128	337,487	345,716	264,522	290,403
Total delivered to consumers	640,960	667,089	670,188	581,503	611,600
Total consumption	807,023	834,520	819,499	824,890	760,571
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	25,577	26,867	23,828	23,556	24,723
Industrial	191,468	195,567	203,802	194,519	200,267
Number of consumers					
Residential	947,102	952,938	961,515	970,521	978,091
Commercial	96,022	96,758	97,270	97,852	98,694
Industrial	3,246	3,228	3,228	3,153	3,224
Average annual consumption per consumer (thousand cubic feet)					
Commercial	489	504	436	448	459
Industrial	64,048	65,418	68,063	65,814	65,886
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.83	3.64	3.35	19.27	8.13
Delivered to consumers					
Residential	9.25	9.40	9.11	10.31	14.76
Commercial	7.09	7.28	6.94	7.98	11.66
Industrial	2.67	2.50	2.29	4.52	7.38
Electric power	W	W	W	W	W

-- Not applicable.

^E Estimated data.

^{NA} Not available.

^R Revised data.

^{RE} Revised estimated 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, 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.

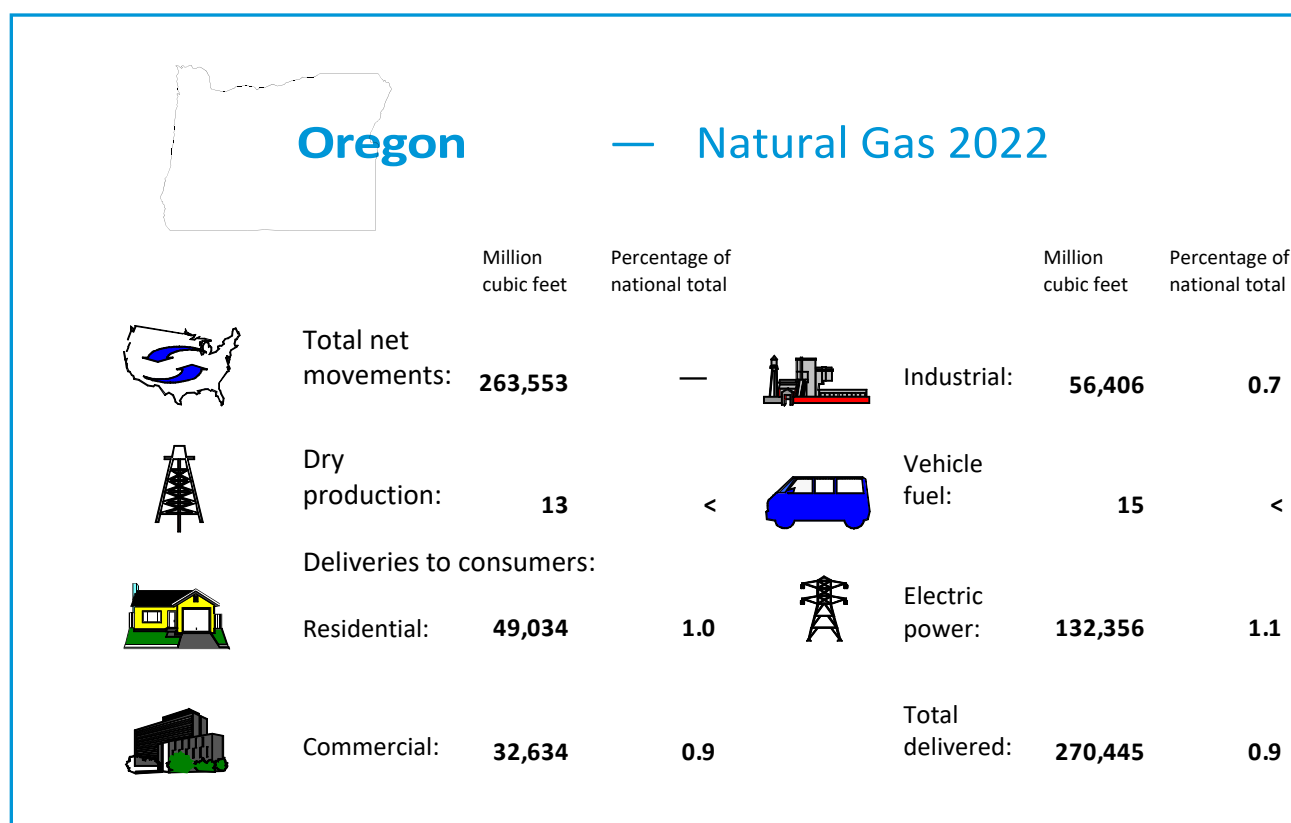


Table S39. Summary statistics for natural gas – Oregon, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	499	399	320	205	13
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	499	399	320	205	13
Non-marketed disposition					
Repressuring	0	0	0	NA	NA
Vented and flared	0	0	0	NA	NA
Nonhydrocarbon gases removed	0	0	0	NA	NA
Total non-marketed disposition	0	0	0	NA	NA
Dry production					
Marketed production	499	399	320	205	13
NGPL production, gaseous equivalent	0	0	0	0	0
Total dry production	499	399	320	205	13
Supply (million cubic feet)					
Dry production	499	399	320	205	13
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	990,672	998,536	R992,213	R1,019,697	1,030,184
Withdrawals from storage					
Underground storage	11,888	16,830	14,354	21,120	22,794
Liquefied natural gas (LNG) storage	561	926	572	733	763
Supplemental gas supplies	0	0	0	0	0
Balancing item	20,532	25,816	R51,955	R19,323	14,482
Total supply	1,024,154	1,042,507	R1,059,415	R1,061,077	1,068,237

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	255,713	287,017	268,298	R289,730	279,264
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	755,167	735,872	R776,347	R749,394	766,631
Additions to storage					
Underground storage	12,844	18,674	14,149	21,270	21,566
LNG storage	430	944	620	684	776
Total disposition	1,024,154	1,042,507	R1,059,415	R1,061,077	1,068,237
Consumption (million cubic feet)					
Lease fuel	E26	E20	16	E10	E1
Pipeline and distribution use	6,362	5,838	7,026	7,859	8,819
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	42,625	47,927	45,487	46,196	49,034
Commercial	28,997	32,379	28,351	29,700	32,634
Industrial	54,267	57,008	56,700	58,109	56,406
Vehicle fuel	70	54	49	41	15
Electric power	123,365	143,791	130,669	R147,815	132,356
Total delivered to consumers	249,324	281,160	261,256	R281,860	270,445
Total consumption	255,713	287,017	268,298	R289,730	279,264
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	1,643	1,617	1,394	1,328	1,330
Industrial	45,811	48,254	47,647	48,217	45,530
Number of consumers					
Residential	751,904	763,989	776,811	788,177	796,325
Commercial	83,201	84,182	84,294	83,725	84,185
Industrial	1,214	1,205	1,196	1,197	1,189
Average annual consumption per consumer (thousand cubic feet)					
Commercial	349	385	336	355	388
Industrial	44,701	47,310	47,408	48,546	47,440
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.87	3.56	3.58	4.30	5.51
Delivered to consumers					
Residential	10.65	9.97	10.91	11.76	12.83
Commercial	8.48	7.88	8.25	8.91	10.33
Industrial	5.01	4.62	4.73	5.07	6.34
Electric power	W	W	W	W	W

-- Not applicable.

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

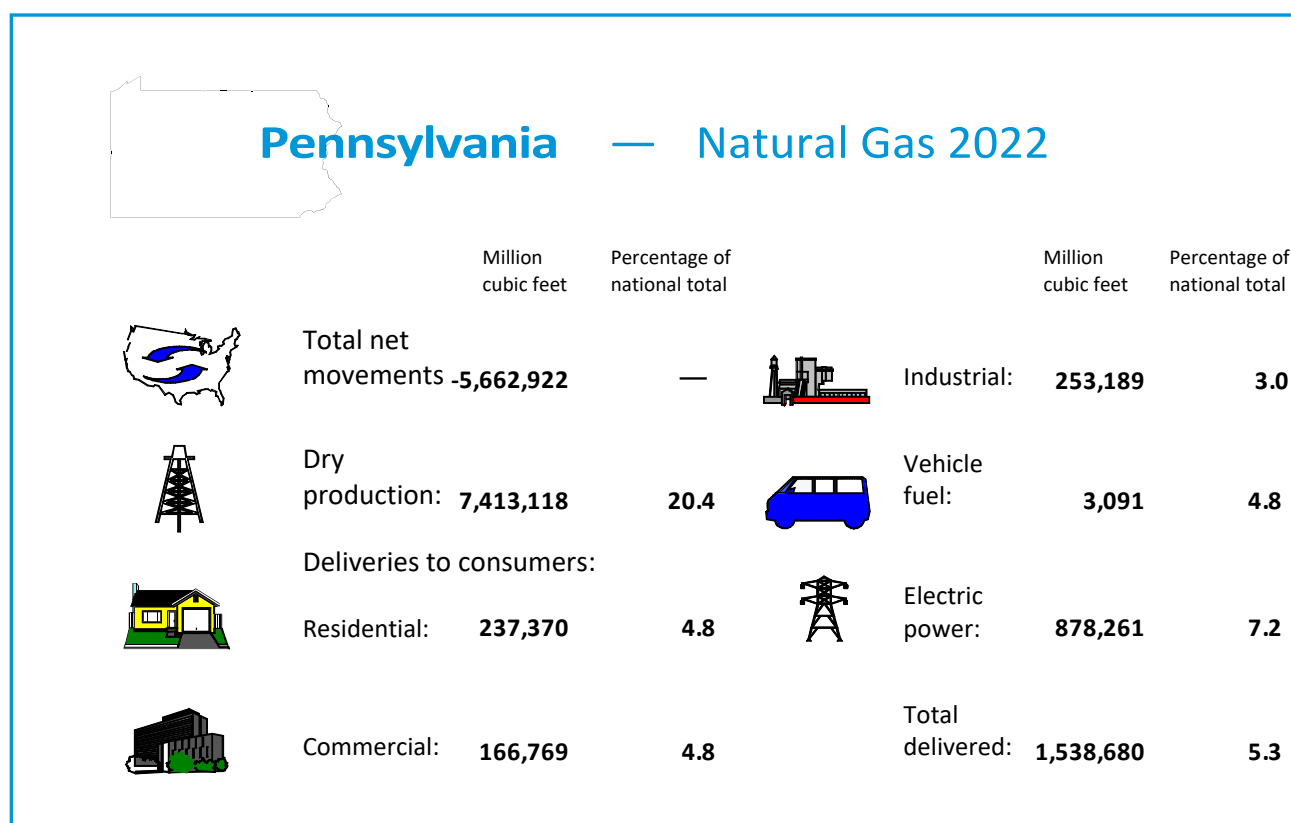


Table S40. Summary statistics for natural gas – Pennsylvania, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	155,925	136,626	R169,949	R180,360	168,626
Oil wells	1,758	1,849	R1,247	R1,468	1,724
Coalbed wells	6,266	6,131	R5,207	R4,113	3,108
Shale gas wells	6,100,883	6,752,186	R6,992,499	R7,461,128	7,337,720
Total gross withdrawals	6,264,832	6,896,792	R7,168,902	R7,647,068	7,511,179
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	6,264,832	6,896,792	R7,168,902	R7,647,068	7,511,179
NGPL production, gaseous equivalent	87,744	95,527	97,862	99,914	98,061
Total dry production	6,177,088	6,801,265	R7,071,040	R7,547,154	7,413,118
Supply (million cubic feet)					
Dry production	6,177,088	6,801,265	R7,071,040	R7,547,154	7,413,118
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	125,153	297,616	R308,249	R451,390	459,468
Withdrawals from storage					
Underground storage	411,371	353,092	356,567	389,999	437,051
Liquefied natural gas (LNG) storage	6,197	6,481	3,744	6,450	9,174
Supplemental gas supplies	41	6	1	*	1,280
Balancing item	-397,242	-280,994	R-279,763	R-394,749	95,662
Total supply	6,322,609	7,177,467	R7,459,838	R8,000,244	8,415,754

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	1,460,456	1,618,008	R1,718,480	R1,801,483	1,862,795
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	4,460,899	5,141,394	R5,387,900	R5,809,751	6,122,390
Additions to storage					
Underground storage	393,542	411,067	349,145	382,943	423,387
LNG storage	7,711	6,999	4,312	6,067	7,183
Total disposition	6,322,609	7,177,467	R7,459,838	R8,000,244	8,415,754
Consumption (million cubic feet)					
Lease fuel	E222,158	E241,388	R250,912	RE267,647	E262,891
Pipeline and distribution use	45,241	49,008	R46,028	R51,630	54,723
Plant fuel	3,156	6,146	5,755	6,474	6,500
Delivered to consumers					
Residential	252,722	236,631	221,298	226,453	237,370
Commercial	165,119	161,624	148,186	154,420	166,769
Industrial	231,734	249,026	215,664	240,907	253,189
Vehicle fuel	1,801	1,679	1,595	1,709	3,091
Electric power	538,527	672,506	829,041	R852,242	878,261
Total delivered to consumers	1,189,902	1,321,465	1,415,785	R1,475,732	1,538,680
Total consumption	1,460,456	1,618,008	R1,718,480	R1,801,483	1,862,795
Delivered for other companies (million cubic feet)					
Residential	32,688	32,487	30,905	28,716	28,156
Commercial	103,872	102,840	97,599	99,284	104,644
Industrial	229,238	246,764	213,428	238,449	250,304
Number of consumers					
Residential	2,801,376	2,821,188	2,845,197	2,864,907	2,881,739
Commercial	242,200	245,481	250,807	251,244	252,140
Industrial	4,601	4,567	4,521	4,482	4,417
Average annual consumption per consumer (thousand cubic feet)					
Commercial	682	658	591	615	661
Industrial	50,366	54,527	47,703	53,750	57,322
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.49	4.53	3.77	5.08	7.27
Delivered to consumers					
Residential	11.25	11.70	11.48	12.01	14.94
Commercial	9.37	9.49	9.10	9.59	12.27
Industrial	8.69	8.52	7.98	8.51	11.17
Electric power	3.17	2.43	1.69	R3.43	6.29

* Volume is less than 500,000 cubic feet.

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

RE Revised estimated 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, 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: 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.

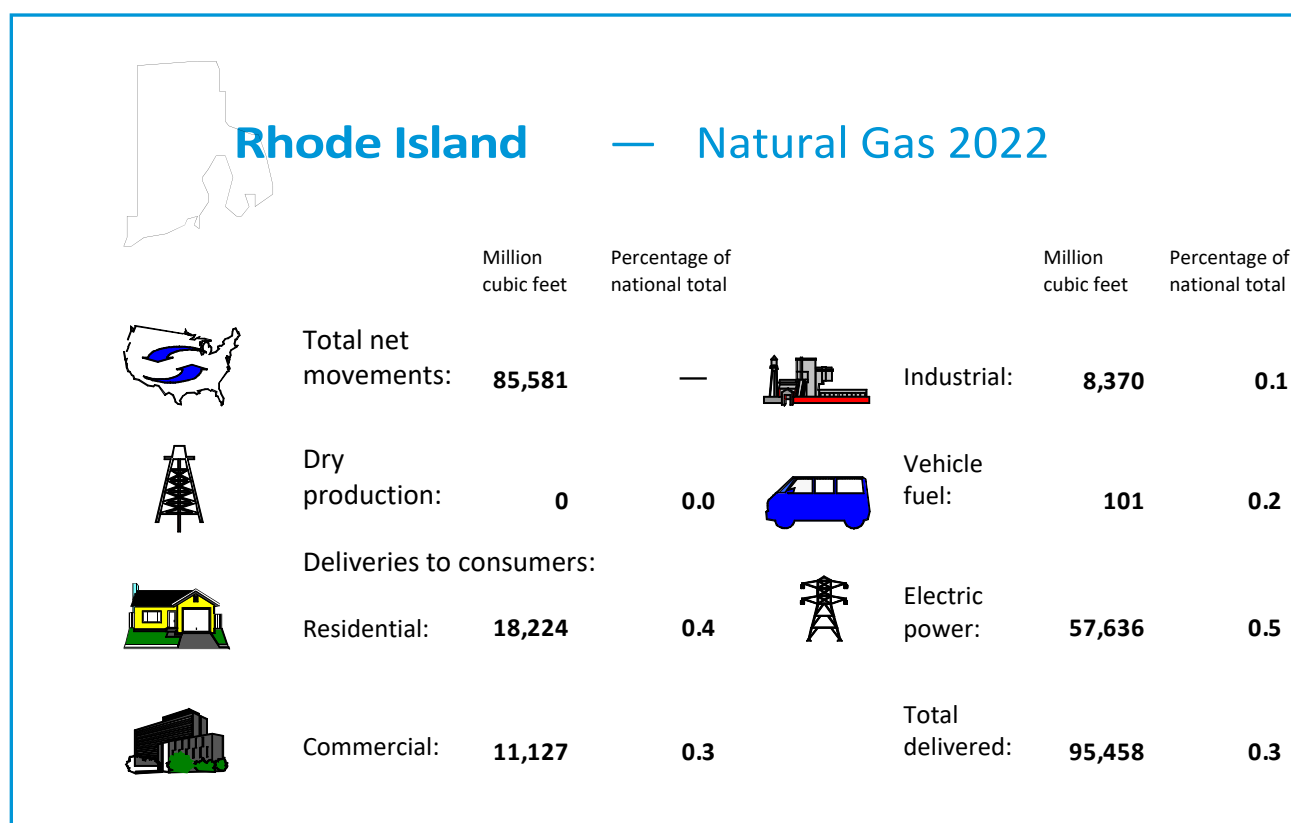


Table S41. Summary statistics for natural gas – Rhode Island, 2018-2022

	2018	2019	2020	2021	2022
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	251,877	267,776	264,594	290,010	266,914
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	587	431	225	261	319
Supplemental gas supplies	0	0	0	0	0
Balancing item	2,836	1,629	-3	R475	12,836
Total supply	255,299	269,837	264,817	R290,747	280,068

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	101,796	95,170	98,140	R102,501	98,416
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	152,699	174,250	166,437	187,983	181,333
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	804	417	240	263	319
Total disposition	255,299	269,837	264,817	R290,747	280,068
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	2,364	2,398	2,176	2,207	2,958
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	20,523	19,892	18,278	18,581	18,224
Commercial	12,732	12,416	10,808	11,236	11,127
Industrial	8,817	8,819	8,361	8,458	8,370
Vehicle fuel	100	95	97	100	101
Electric power	57,260	51,551	58,419	R61,918	57,636
Total delivered to consumers	99,431	92,772	95,964	R100,294	95,458
Total consumption	101,796	95,170	98,140	R102,501	98,416
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	5,922	5,833	5,229	5,374	5,196
Industrial	8,446	8,441	8,057	8,139	7,926
Number of consumers					
Residential	243,891	246,267	247,399	247,368	247,508
Commercial	24,628	24,787	24,904	24,837	24,636
Industrial	291	299	282	273	282
Average annual consumption per consumer (thousand cubic feet)					
Commercial	517	501	434	452	452
Industrial	30,298	29,494	29,649	30,983	29,680
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	2.37	2.49	2.59	2.23	7.71
Delivered to consumers					
Residential	15.65	15.36	15.06	16.18	18.17
Commercial	12.98	12.87	12.31	13.21	15.29
Industrial	10.46	9.70	9.16	9.81	10.99
Electric power	4.21	3.31	2.39	R4.49	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, 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: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

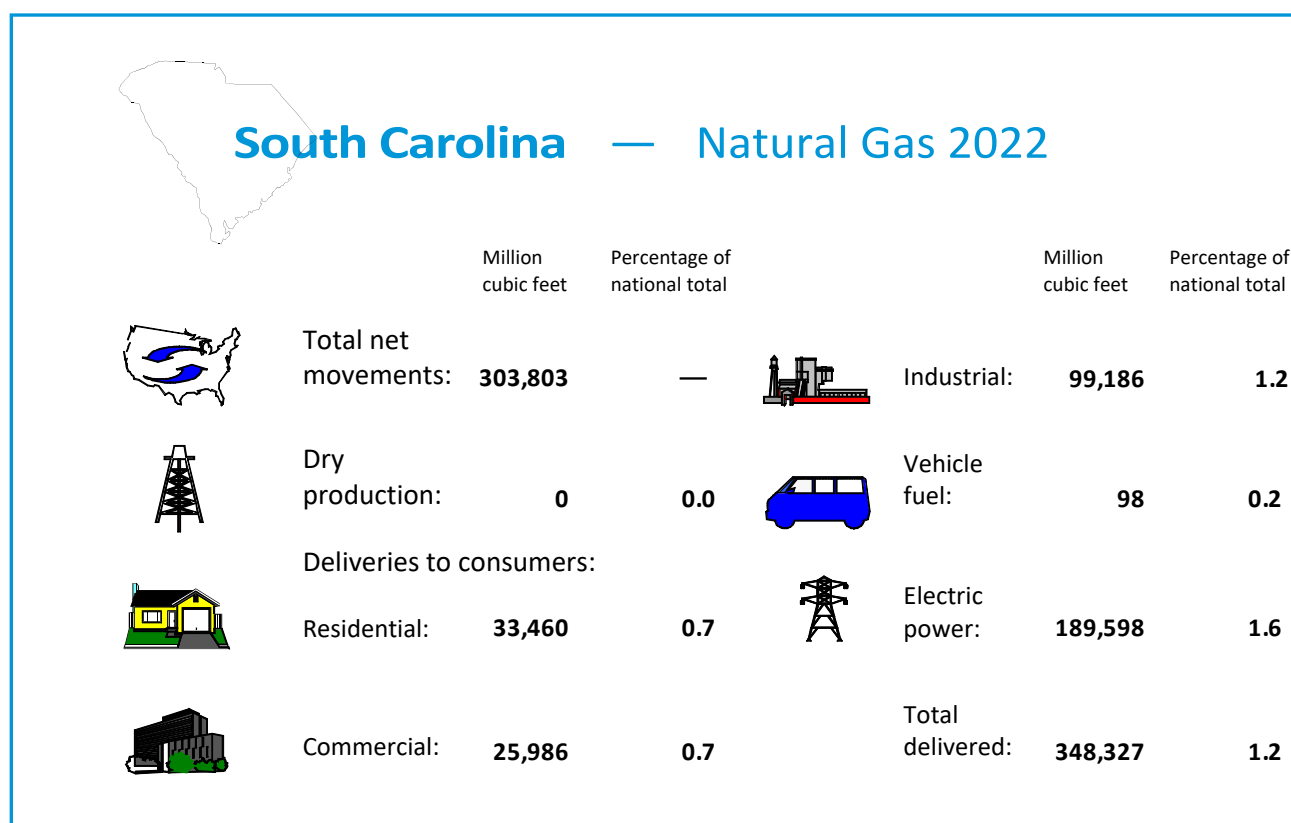


Table S42. Summary statistics for natural gas – South Carolina, 2018-2022

	2018	2019	2020	2021	2022
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	784,028	545,396	493,145	503,977	670,554
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	1,561	577	764	1,835	1,771
Supplemental gas supplies	0	0	0	0	*
Balancing item	36,565	45,058	43,652	51,031	46,484
Total supply	822,155	591,030	537,561	556,844	718,809

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	330,362	338,758	333,026	R339,466	350,839
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	490,198	251,667	203,964	216,465	366,750
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	1,595	605	571	914	1,219
Total disposition	822,155	591,030	537,561	R556,844	718,809
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	2,697	2,194	1,892	R2,590	2,512
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	31,994	30,316	29,111	33,205	33,460
Commercial	25,551	25,707	23,875	25,853	25,986
Industrial	96,485	97,550	95,145	99,792	99,186
Vehicle fuel	116	130	103	96	98
Electric power	173,518	182,861	182,899	R177,931	189,598
Total delivered to consumers	327,664	336,564	331,134	R336,876	348,327
Total consumption	330,362	338,758	333,026	R339,466	350,839
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	2,042	2,230	2,242	2,766	2,562
Industrial	57,526	60,022	59,993	63,178	62,299
Number of consumers					
Residential	693,989	714,218	734,890	758,356	783,826
Commercial	59,799	60,405	60,744	61,285	61,868
Industrial	1,437	1,439	1,436	1,429	1,467
Average annual consumption per consumer (thousand cubic feet)					
Commercial	427	426	393	422	420
Industrial	67,143	67,790	66,257	69,833	67,611
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.36	3.86	3.26	5.43	8.32
Delivered to consumers					
Residential	13.46	13.07	13.49	14.29	15.67
Commercial	9.37	8.63	8.61	9.89	12.15
Industrial	4.92	4.65	3.92	5.60	8.92
Electric power	4.29	3.26	2.79	4.35	7.31

* Volume is less than 500,000 cubic feet.

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

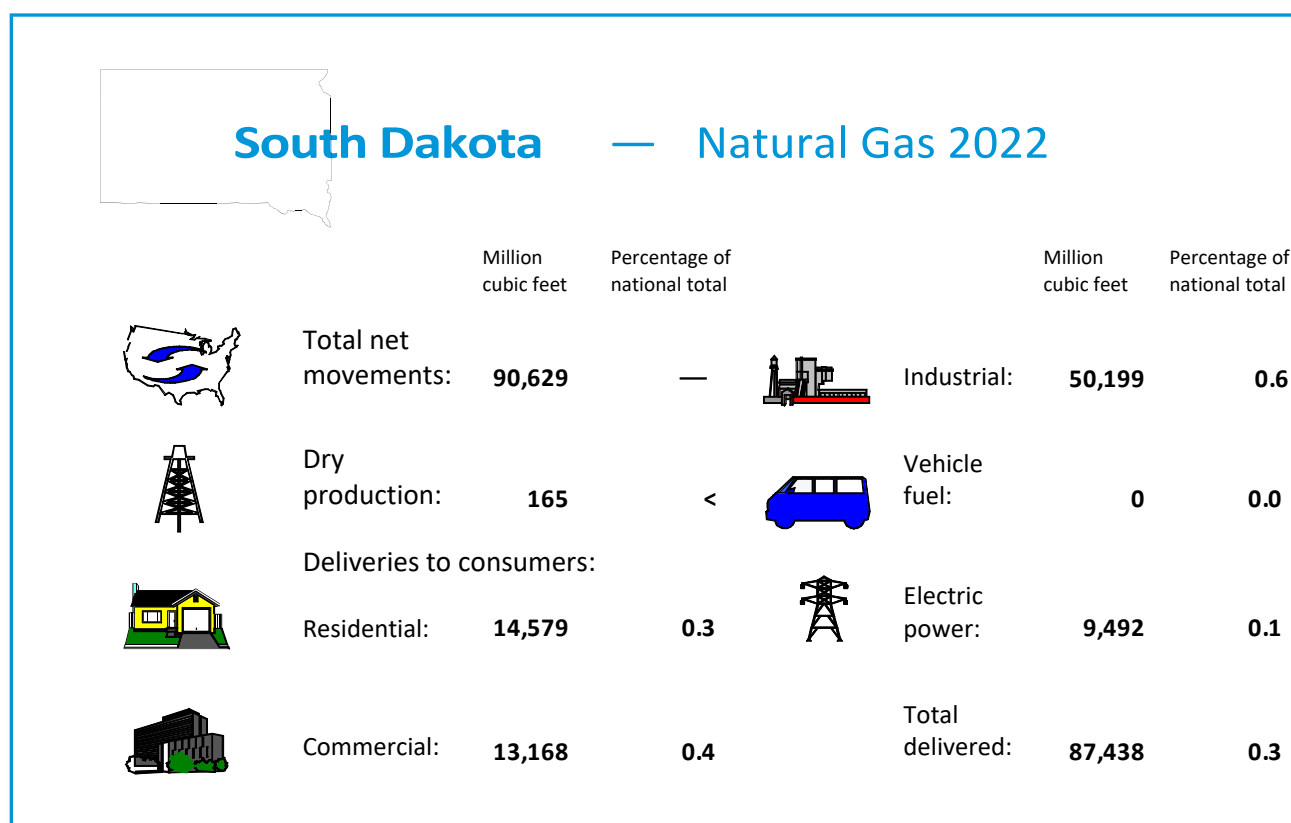


Table S43. Summary statistics for natural gas – South Dakota, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	413	378	R160	160	165
Oil wells	34	36	R0	*	0
Coalbed wells	0	0	0	0	0
Shale gas wells	0	0	0	0	0
Total gross withdrawals	447	414	R160	161	165
Non-marketed disposition					
Repressuring	NA	NA	NA	NA	NA
Vented and flared	0	NA	NA	NA	NA
Nonhydrocarbon gases removed	NA	NA	NA	NA	NA
Total non-marketed disposition	0	NA	NA	NA	NA
Dry production					
Marketed production	447	414	R160	161	165
NGPL production, gaseous equivalent	10	1	0	0	0
Total dry production	437	413	R160	161	165
Supply (million cubic feet)					
Dry production	437	413	R160	161	165
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	867,693	864,865	781,075	849,122	870,179
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	6,200	3,634	R4,406	R3,161	2,856
Total supply	874,330	868,912	R785,641	R852,444	873,200

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	89,464	89,879	R84,630	R89,616	93,650
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	784,866	779,033	701,011	762,828	779,550
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	0	0	0	0	0
Total disposition	874,330	868,912	R85,641	R85,444	873,200
Consumption (million cubic feet)					
Lease fuel	E25	E23	R9	E9	9
Pipeline and distribution use	6,515	6,528	5,207	5,787	6,203
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	14,280	14,809	13,208	12,447	14,579
Commercial	12,573	13,405	11,880	11,462	13,168
Industrial	46,972	46,014	45,621	48,732	50,199
Vehicle fuel	0	0	0	0	0
Electric power	9,099	9,099	8,704	R11,180	9,492
Total delivered to consumers	82,924	83,328	79,414	R83,821	87,438
Total consumption	89,464	89,879	R84,630	R89,616	93,650
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	2,360	2,725	2,591	2,688	3,179
Industrial	44,772	43,629	43,731	47,031	48,481
Number of consumers					
Residential	190,982	194,067	197,769	201,101	205,119
Commercial	25,339	25,290	25,846	26,359	26,957
Industrial	592	598	585	548	548
Average annual consumption per consumer (thousand cubic feet)					
Commercial	496	530	460	435	488
Industrial	79,345	76,947	77,985	88,926	91,604
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.87	3.51	3.33	7.43	6.97
Delivered to consumers					
Residential	7.66	7.29	7.11	9.75	10.99
Commercial	5.91	5.50	5.27	7.82	9.25
Industrial	5.02	4.78	4.40	6.06	7.49
Electric power	3.04	2.75	2.64	R3.76	7.72

* 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, 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: 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.

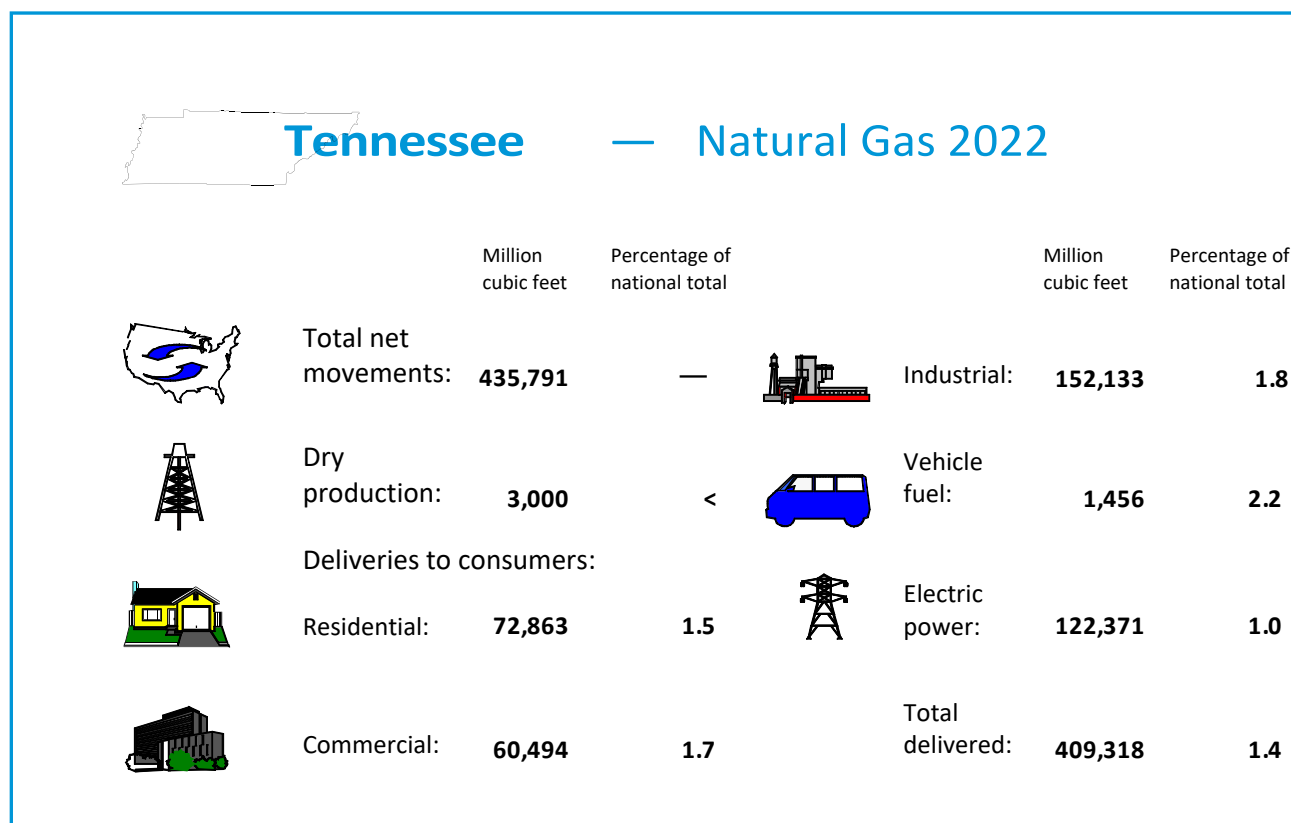


Table S44. Summary statistics for natural gas – Tennessee, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	3,283	3,107	R3,602	RE3,016	E3,016
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	3,283	3,107	R3,602	R3,016	3,016
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	3,283	3,107	R3,602	R3,016	3,016
NGPL production, gaseous equivalent	227	14	7	16	16
Total dry production	3,056	3,093	R3,595	R3,000	3,000
Supply (million cubic feet)					
Dry production	3,056	3,093	R3,595	R3,000	3,000
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	2,395,214	2,366,939	2,648,994	R2,889,039	2,746,968
Withdrawals from storage					
Underground storage	417	132	174	176	385
Liquefied natural gas (LNG) storage	5,799	4,210	3,258	1,643	5,710
Supplemental gas supplies	0	0	0	0	7
Balancing item	-21,385	5,264	R-13,126	R2,807	-11,257
Total supply	2,383,101	2,379,638	R2,642,895	R2,896,666	2,744,812

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	392,161	408,045	R386,640	R401,118	426,738
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	1,983,482	1,966,129	2,252,817	2,493,572	2,311,177
Additions to storage					
Underground storage	452	311	231	123	275
LNG storage	7,007	5,153	3,207	1,853	6,623
Total disposition	2,383,101	2,379,638	R2,642,895	R2,896,666	2,744,812
Consumption (million cubic feet)					
Lease fuel	E211	E186	R216	RE181	E181
Pipeline and distribution use	8,193	14,712	R16,980	R18,028	17,129
Plant fuel	59	123	59	110	110
Delivered to consumers					
Residential	74,802	69,088	65,607	R71,714	72,863
Commercial	58,669	56,916	52,565	58,564	60,494
Industrial	146,889	147,959	145,855	R153,566	152,133
Vehicle fuel	247	335	375	379	1,456
Electric power	103,092	118,725	104,984	R98,578	122,371
Total delivered to consumers	383,698	393,023	369,385	R382,800	409,318
Total consumption	392,161	408,045	R386,640	R401,118	426,738
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	6,709	6,364	6,454	7,511	7,583
Industrial	112,531	114,757	113,993	R117,710	115,069
Number of consumers					
Residential	1,166,741	1,179,817	1,194,358	1,212,909	1,223,216
Commercial	135,270	136,253	137,071	138,184	139,275
Industrial	2,665	2,588	2,571	2,550	2,601
Average annual consumption per consumer (thousand cubic feet)					
Commercial	434	418	383	424	434
Industrial	55,118	57,171	56,731	R60,222	58,490
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.10	3.54	2.95	4.59	6.03
Delivered to consumers					
Residential	9.46	9.46	8.97	10.29	12.46
Commercial	8.41	8.10	7.73	9.11	11.53
Industrial	4.95	4.68	4.16	R5.53	8.00
Electric power	3.17	2.85	2.44	3.64	5.84

-- Not applicable.

^ Percentage is less than 0.05%.

E Estimated data.

NA Not available.

R Revised data.

RE Revised estimated 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, 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: 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.

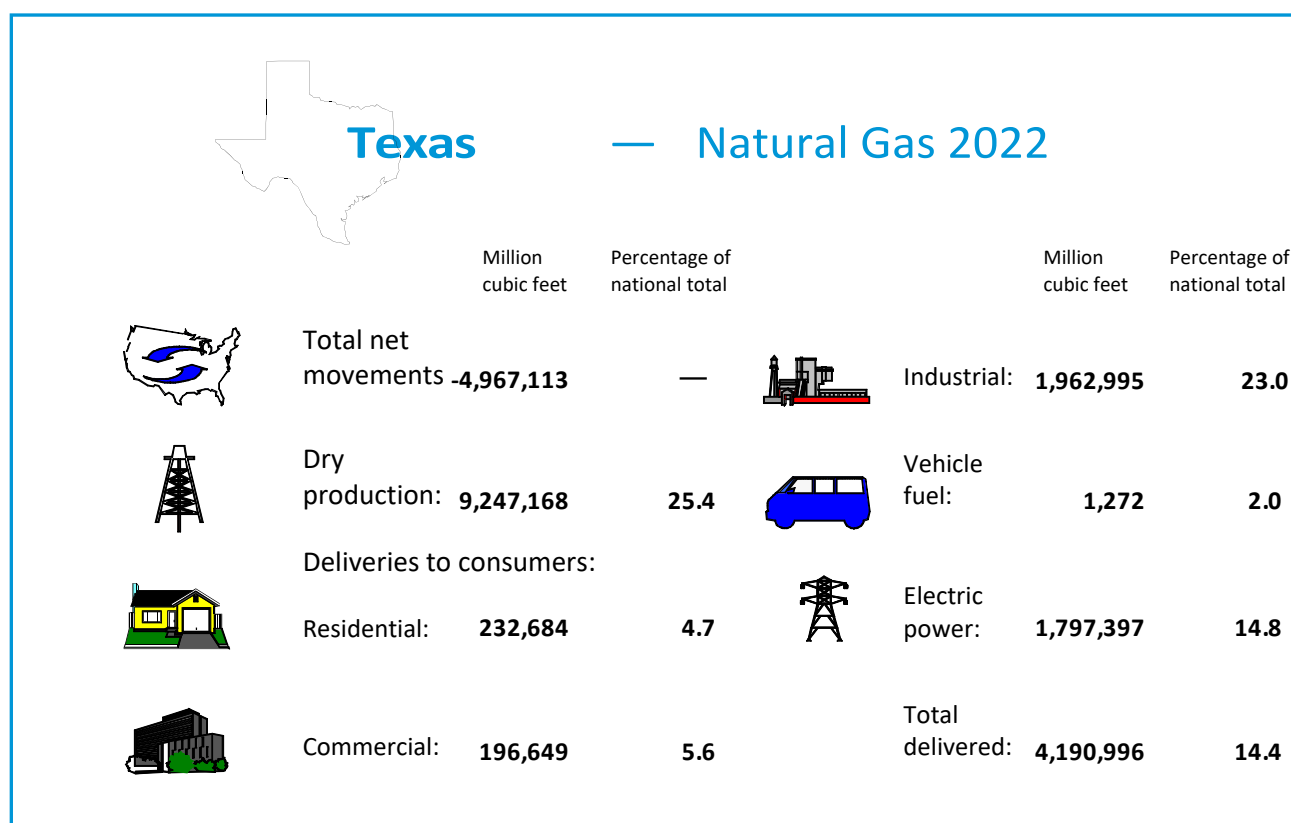


Table S45. Summary statistics for natural gas – Texas, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	2,280,578	2,243,859	R1,903,361	R1,753,103	1,719,330
Oil wells	287,648	302,943	R162,427	R152,951	200,965
Coalbed wells	7,120	6,738	R6,790	R6,629	5,436
Shale gas wells	6,533,829	7,878,966	R8,417,149	R8,830,423	9,676,793
Total gross withdrawals	9,109,174	10,432,505	R10,489,727	R10,743,106	11,602,524
Non-marketed disposition					
Repressuring	620,164	578,784	RE368,689	E475,391	E463,451
Vented and flared	238,054	251,186	RE125,336	E102,267	E99,698
Nonhydrocarbon gases removed	209,947	224,046	RE182,667	E216,292	E210,859
Total non-marketed disposition	1,068,164	1,054,016	RE676,693	E793,950	E774,009
Dry production					
Marketed production	8,041,010	9,378,489	R9,813,035	R9,949,156	10,828,515
NGPL production, gaseous equivalent	1,011,753	1,208,021	1,336,905	R1,372,579	1,581,347
Total dry production	7,029,257	8,170,468	R8,476,130	R8,576,577	9,247,168
Supply (million cubic feet)					
Dry production	7,029,257	8,170,468	R8,476,130	R8,576,577	9,247,168
Receipts					
Imports	863	1,071	369	333	277
Intransit receipts	1,959	1,345	2,720	2,456	1,106
Interstate receipts	1,752,469	1,612,665	R1,981,437	R1,672,642	1,463,209
Withdrawals from storage					
Underground storage	577,819	510,852	496,623	518,695	589,638
Liquefied natural gas (LNG) storage	2,033	6,109	7,979	5,022	3,300
Supplemental gas supplies	0	81	1,598	2,569	4,844
Balancing item	120,035	273,686	R-176,946	R381,179	573,490
Total supply	9,484,435	10,576,277	R10,789,911	R11,159,472	11,883,033

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	4,464,219	4,671,722	4,677,567	4,668,003	4,875,735
Deliveries					
Exports	1,436,793	1,972,914	2,557,093	3,314,398	2,934,586
Intransit deliveries	7,411	0	15,824	*	0
Interstate deliveries	3,057,744	3,333,957	2,983,496	2,646,349	3,497,119
Additions to storage					
Underground storage	518,252	590,187	547,848	526,062	571,982
LNG storage	15	7,497	8,082	4,661	3,611
Total disposition	9,484,435	10,576,277	10,789,911	11,159,472	11,883,033
Consumption (million cubic feet)					
Lease fuel	245,360	266,877	278,210	274,528	267,633
Pipeline and distribution use	117,964	173,753	199,648	226,682	214,624
Plant fuel	175,653	216,783	217,005	190,724	202,482
Delivered to consumers					
Residential	227,028	228,143	204,459	211,198	232,684
Commercial	214,173	198,060	172,627	181,378	196,649
Industrial	1,838,402	1,799,319	1,865,744	1,956,073	1,962,995
Vehicle fuel	1,785	1,587	1,114	938	1,272
Electric power	1,643,854	1,787,199	1,738,761	1,626,481	1,797,397
Total delivered to consumers	3,925,242	4,014,310	3,982,704	3,976,068	4,190,996
Total consumption	4,464,219	4,671,722	4,677,567	4,668,003	4,875,735
Delivered for other companies (million cubic feet)					
Residential	500	415	527	519	653
Commercial	53,014	59,554	52,969	53,434	57,201
Industrial	1,151,111	1,242,542	1,299,561	1,364,104	1,394,401
Number of consumers					
Residential	4,702,609	4,787,135	4,896,051	5,014,915	5,097,533
Commercial	326,594	331,757	332,158	336,934	338,364
Industrial	6,967	6,019	6,036	6,142	6,261
Average annual consumption per consumer (thousand cubic feet)					
Commercial	656	597	520	538	581
Industrial	263,873	298,940	309,103	318,475	313,527
Average price for natural gas (dollars per thousand cubic feet)					
Imports	6.28	2.18	1.15	2.95	5.35
Exports	3.41	2.92	3.14	6.46	8.08
Citygate	5.04	3.02	2.70	10.76	6.82
Delivered to consumers					
Residential	11.42	10.61	11.64	13.77	16.52
Commercial	6.55	6.18	6.53	8.50	11.56
Industrial	3.42	2.88	2.31	4.86	6.57
Electric power	3.17	2.39	2.14	9.17	6.52

* Volume is less than 500,000 cubic feet.

^E Estimated data.

^R Revised data.

^{RE} Revised estimated 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, 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: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

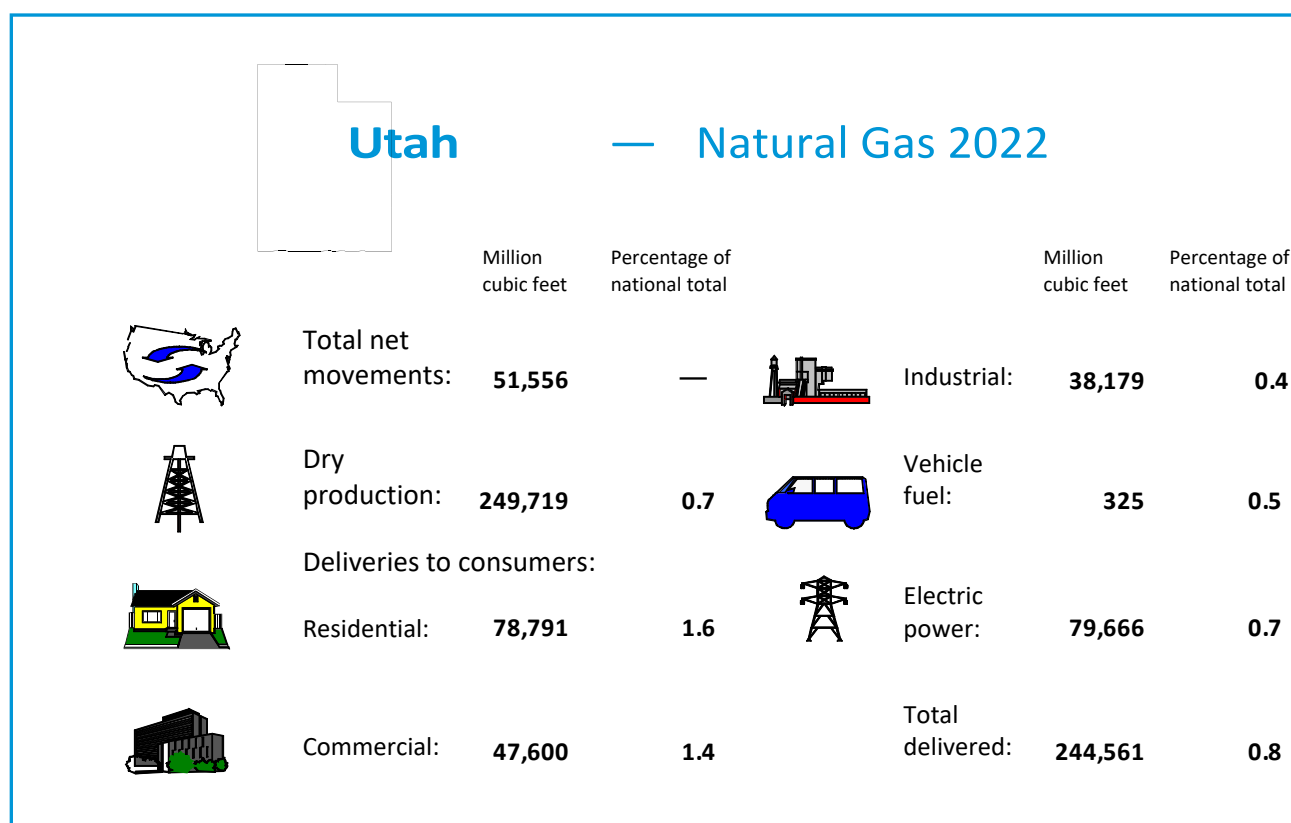


Table S46. Summary statistics for natural gas – Utah, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	218,381	196,744	R173,874	R166,186	177,201
Oil wells	37,693	38,188	R30,914	R30,418	29,615
Coalbed wells	34,710	32,335	30,444	R29,040	27,676
Shale gas wells	5,043	5,484	R7,328	R14,307	26,705
Total gross withdrawals	295,826	272,752	R242,560	R239,951	261,196
Non-marketed disposition					
Repressuring	NA	NA	NA	NA	NA
Vented and flared	NA	944	595	R529	1,004
Nonhydrocarbon gases removed	NA	NA	NA	NA	NA
Total non-marketed disposition	NA	944	595	R529	1,004
Dry production					
Marketed production	295,826	271,808	R241,965	R239,422	260,192
NGPL production, gaseous equivalent	11,562	9,651	8,750	8,638	10,473
Total dry production	284,264	262,157	R233,215	R230,784	249,719
Supply (million cubic feet)					
Dry production	284,264	262,157	R233,215	R230,784	249,719
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	1,172,486	1,370,539	1,318,176	1,299,420	1,121,585
Withdrawals from storage					
Underground storage	48,893	41,758	44,313	38,868	51,999
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	0	0	0	0	0
Balancing item	-33,262	-31,672	R-18,073	R-33,192	-35,849
Total supply	1,472,381	1,642,782	R1,577,630	R1,535,880	1,387,453

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	244,058	264,301	R255,851	R262,353	273,938
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	1,187,190	1,332,446	1,275,713	1,232,897	1,070,028
Additions to storage					
Underground storage	41,134	46,035	46,066	40,631	43,487
LNG storage	0	0	0	0	0
Total disposition	1,472,381	1,642,782	R1,577,630	R1,535,880	1,387,453
Consumption (million cubic feet)					
Lease fuel	E17,315	16,471	R15,434	R16,180	14,193
Pipeline and distribution use	12,316	12,707	12,080	12,002	11,810
Plant fuel	3,200	2,794	2,312	2,578	3,375
Delivered to consumers					
Residential	67,415	75,938	74,191	71,628	78,791
Commercial	42,367	47,336	44,216	43,970	47,600
Industrial	39,935	41,348	40,119	39,747	38,179
Vehicle fuel	348	322	273	290	325
Electric power	61,161	67,386	67,226	R75,956	79,666
Total delivered to consumers	211,227	232,329	226,025	R231,592	244,561
Total consumption	244,058	264,301	R255,851	R262,353	273,938
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	12,975	16,176	15,061	15,717	16,259
Industrial	38,671	40,301	39,213	38,772	37,256
Number of consumers					
Residential	950,644	976,042	1,002,463	1,029,304	1,056,629
Commercial	69,191	70,275	71,022	71,969	73,119
Industrial	350	363	369	375	376
Average annual consumption per consumer (thousand cubic feet)					
Commercial	612	674	623	611	651
Industrial	114,101	113,906	108,724	105,992	101,540
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	5.17	4.80	5.30	5.07	7.12
Delivered to consumers					
Residential	9.04	7.82	8.15	8.99	10.48
Commercial	7.37	6.35	6.56	7.37	8.92
Industrial	5.31	5.00	5.07	5.43	7.97
Electric power	3.23	3.20	2.63	4.64	8.53

-- 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, 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: 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.

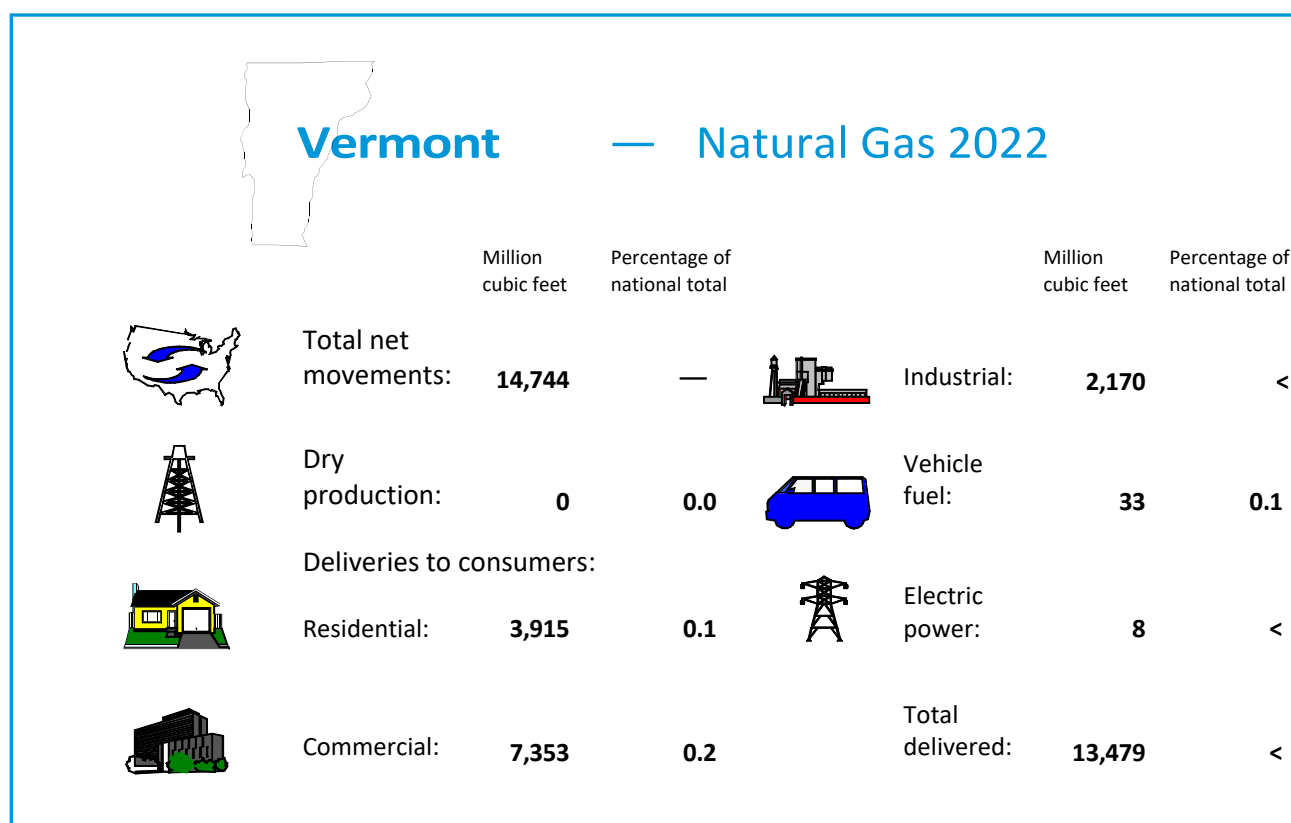


Table S47. Summary statistics for natural gas – Vermont, 2018-2022

	2018	2019	2020	2021	2022
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	15,308	13,685	12,928	13,337	14,744
Intransit receipts	118	693	0	*	*
Interstate receipts	92,982	99,444	99,513	108,183	124,391
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	1	3	2	1	1
Balancing item	-1,685	-496	126	-66	-1,265
Total supply	106,725	113,330	112,570	121,455	137,872

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	13,742	13,885	13,056	13,272	13,481
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	92,983	99,444	99,513	108,183	124,391
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	0	0	0	0	0
Total disposition	106,725	113,330	112,570	121,455	137,872
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	10	3	14	2	2
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	4,081	4,139	3,808	3,732	3,915
Commercial	7,356	7,341	6,974	7,479	7,353
Industrial	2,284	2,370	2,228	2,018	2,170
Vehicle fuel	0	19	18	33	33
Electric power	11	12	14	8	8
Total delivered to consumers	13,732	13,882	13,043	13,270	13,479
Total consumption	13,742	13,885	13,056	13,272	13,481
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	46,372	47,122	47,739	48,229	48,791
Commercial	5,968	6,067	6,103	6,178	6,216
Industrial	15	15	14	14	14
Average annual consumption per consumer (thousand cubic feet)					
Commercial	1,233	1,210	1,143	1,211	1,183
Industrial	152,291	157,993	159,110	144,170	154,987
Average price for natural gas (dollars per thousand cubic feet)					
Imports	4.01	2.87	2.25	3.70	6.03
Exports	--	--	--	--	--
Citygate	4.64	3.86	3.33	4.42	6.26
Delivered to consumers					
Residential	13.65	13.14	13.21	14.01	15.51
Commercial	6.77	6.01	5.41	6.49	8.73
Industrial	4.55	4.13	3.49	5.15	6.69
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, 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: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

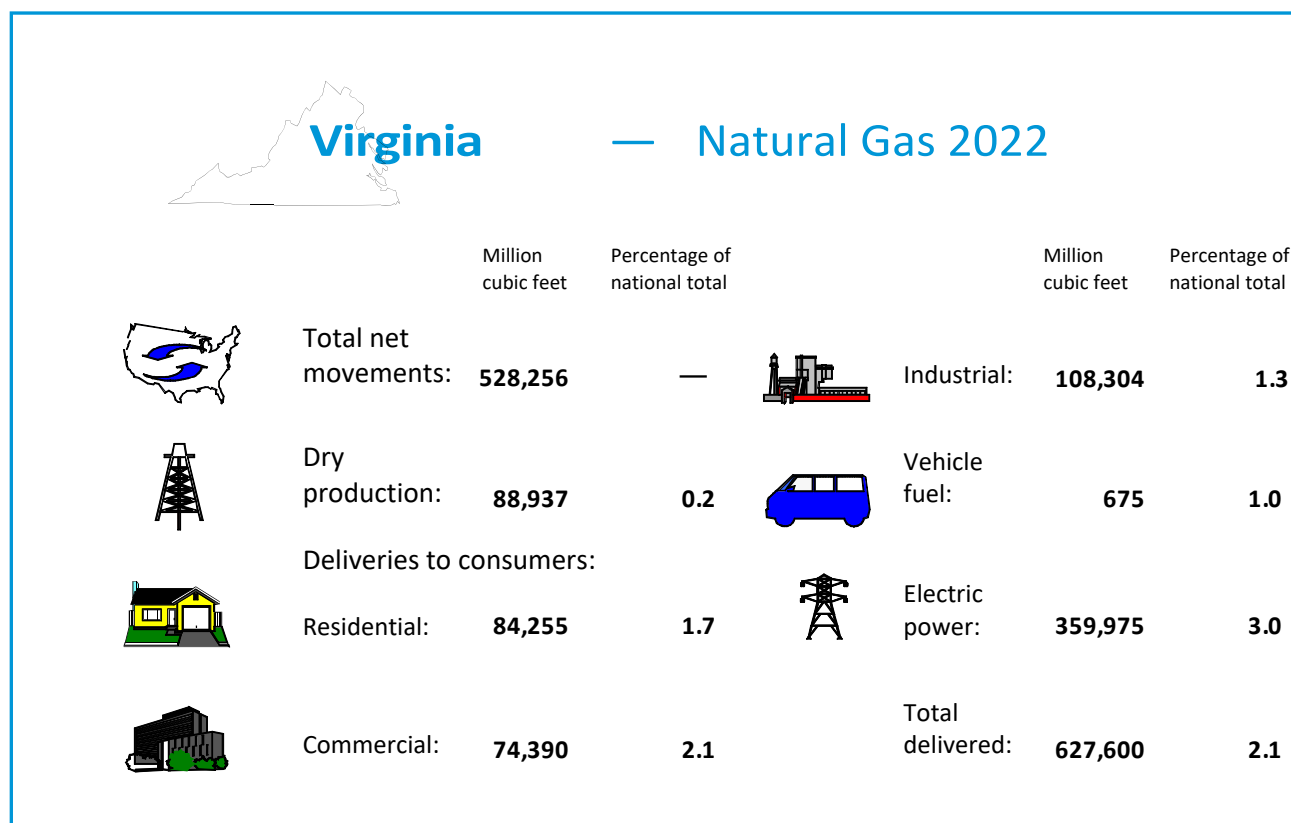


Table S48. Summary statistics for natural gas – Virginia, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	17,147	16,495	R15,971	R15,230	14,623
Oil wells	2	5	3	2	6
Coalbed wells	94,043	89,559	R86,544	R80,521	74,105
Shale gas wells	284	307	R297	291	275
Total gross withdrawals	111,476	106,366	R102,815	96,044	89,009
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	111,476	106,366	R102,815	96,044	89,009
NGPL production, gaseous equivalent	0	55	31	72	72
Total dry production	111,476	106,311	R102,784	95,972	88,937
Supply (million cubic feet)					
Dry production	111,476	106,311	R102,784	95,972	88,937
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	1,067,190	1,397,597	1,493,660	1,546,300	1,533,127
Withdrawals from storage					
Underground storage	13,594	10,344	9,062	9,875	10,294
Liquefied natural gas (LNG) storage	784	616	675	646	1,312
Supplemental gas supplies	128	152	24	86	117
Balancing item	5,370	17,696	R34,600	R38,650	28,394
Total supply	1,198,543	1,532,714	R1,640,804	R1,691,529	1,662,181

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	634,162	683,049	R713,443	R666,049	646,591
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	548,908	838,627	918,551	1,015,154	1,004,872
Additions to storage					
Underground storage	14,566	10,382	8,433	9,939	9,633
LNG storage	906	656	378	387	1,086
Total disposition	1,198,543	1,532,714	R1,640,804	R1,691,529	1,662,181
Consumption (million cubic feet)					
Lease fuel	E6,477	E6,063	R5,860	E5,474	E5,074
Pipeline and distribution use	9,685	13,005	10,285	13,032	13,917
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	89,036	81,831	75,264	81,261	84,255
Commercial	74,282	71,245	67,529	71,331	74,390
Industrial	96,794	100,608	104,257	112,372	108,304
Vehicle fuel	868	875	626	675	675
Electric power	357,021	409,423	449,622	R381,904	359,975
Total delivered to consumers	618,001	663,981	697,298	R647,543	627,600
Total consumption	634,162	683,049	R713,443	R666,049	646,591
Delivered for other companies (million cubic feet)					
Residential	8,274	8,055	7,987	8,099	8,657
Commercial	35,411	34,770	33,645	33,871	34,404
Industrial	86,829	89,818	90,360	96,551	92,392
Number of consumers					
Residential	1,235,964	1,249,329	1,267,211	1,280,027	1,291,945
Commercial	101,925	102,637	103,272	104,088	104,132
Industrial	966	978	989	989	981
Average annual consumption per consumer (thousand cubic feet)					
Commercial	729	694	654	685	714
Industrial	100,201	102,871	105,416	113,622	110,402
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.69	4.52	3.87	5.07	7.42
Delivered to consumers					
Residential	11.71	12.62	12.72	13.68	16.10
Commercial	8.08	8.53	8.12	9.33	11.54
Industrial	5.08	4.66	3.75	5.16	7.53
Electric power	4.35	3.30	2.49	R4.12	7.32

-- 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, 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: 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.

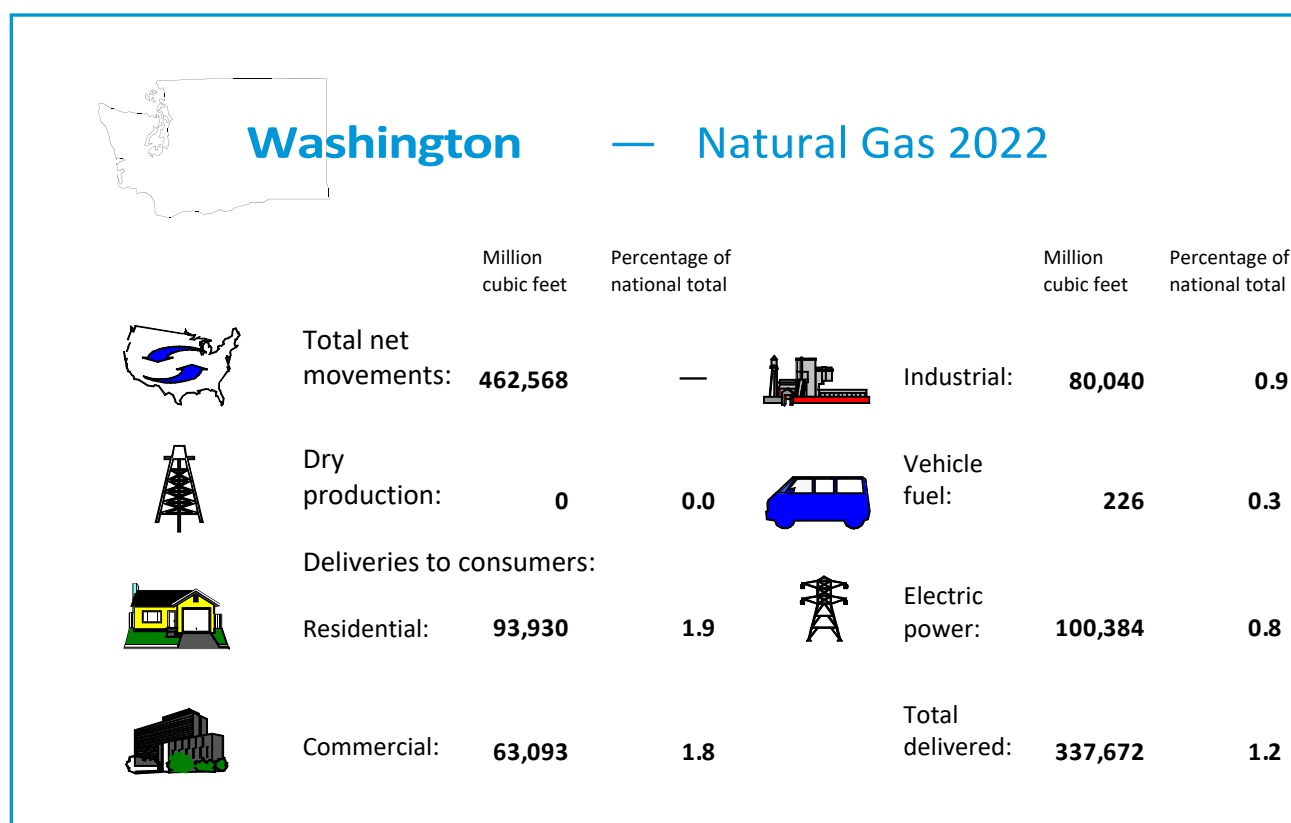


Table S49. Summary statistics for natural gas – Washington, 2018-2022

	2018	2019	2020	2021	2022
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	371,775	339,908	339,120	392,570	415,284
Intransit receipts	0	0	R74,770	R33,568	33,473
Interstate receipts	787,615	814,569	R892,386	R897,171	933,057
Withdrawals from storage					
Underground storage	27,537	30,206	30,341	33,353	34,641
Liquefied natural gas (LNG) storage	753	1,803	R704	R931	3,174
Supplemental gas supplies	0	0	0	0	0
Balancing item	-38,586	-48,349	R-190,478	R-115,667	-110,710
Total supply	1,149,093	1,138,137	R1,146,844	R1,241,926	1,308,919

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	307,985	348,265	R328,963	R354,300	354,826
Deliveries					
Exports	12,612	22,870	12,113	10,987	6,790
Intransit deliveries	0	0	540	R0	0
Interstate deliveries	799,399	734,647	R775,089	R843,817	912,456
Additions to storage					
Underground storage	28,339	30,665	29,618	32,076	31,917
LNG storage	758	1,690	R520	R746	2,930
Total disposition	1,149,093	1,138,137	R1,146,844	R1,241,926	1,308,919
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	13,372	12,797	R13,394	R14,175	17,153
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	83,567	89,967	87,194	89,507	93,930
Commercial	57,014	61,010	55,548	57,567	63,093
Industrial	77,303	78,490	78,130	80,709	80,040
Vehicle fuel	180	169	123	137	226
Electric power	76,549	105,832	94,574	R112,204	100,384
Total delivered to consumers	294,613	335,468	315,569	R340,125	337,672
Total consumption	307,985	348,265	R328,963	R354,300	354,826
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	8,246	8,338	7,606	7,653	8,110
Industrial	72,390	73,539	73,274	75,669	74,812
Number of consumers					
Residential	1,194,375	1,220,197	1,232,852	1,251,963	1,271,260
Commercial	105,560	106,779	107,156	107,840	108,368
Industrial	3,358	3,355	3,337	3,306	3,295
Average annual consumption per consumer (thousand cubic feet)					
Commercial	540	571	518	534	582
Industrial	23,021	23,395	23,413	24,413	24,291
Average price for natural gas (dollars per thousand cubic feet)					
Imports	3.10	3.63	2.31	3.90	7.09
Exports	6.09	4.65	2.37	3.99	11.37
Citygate	3.65	4.25	3.77	4.57	6.46
Delivered to consumers					
Residential	10.28	9.82	10.97	11.63	12.83
Commercial	7.90	7.49	8.76	9.42	10.63
Industrial	7.17	6.86	7.72	8.21	9.61
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, 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: Totals may not add because of independent rounding. Prices are in nominal dollars, and represent the weighted average of sales volumes in each sector.

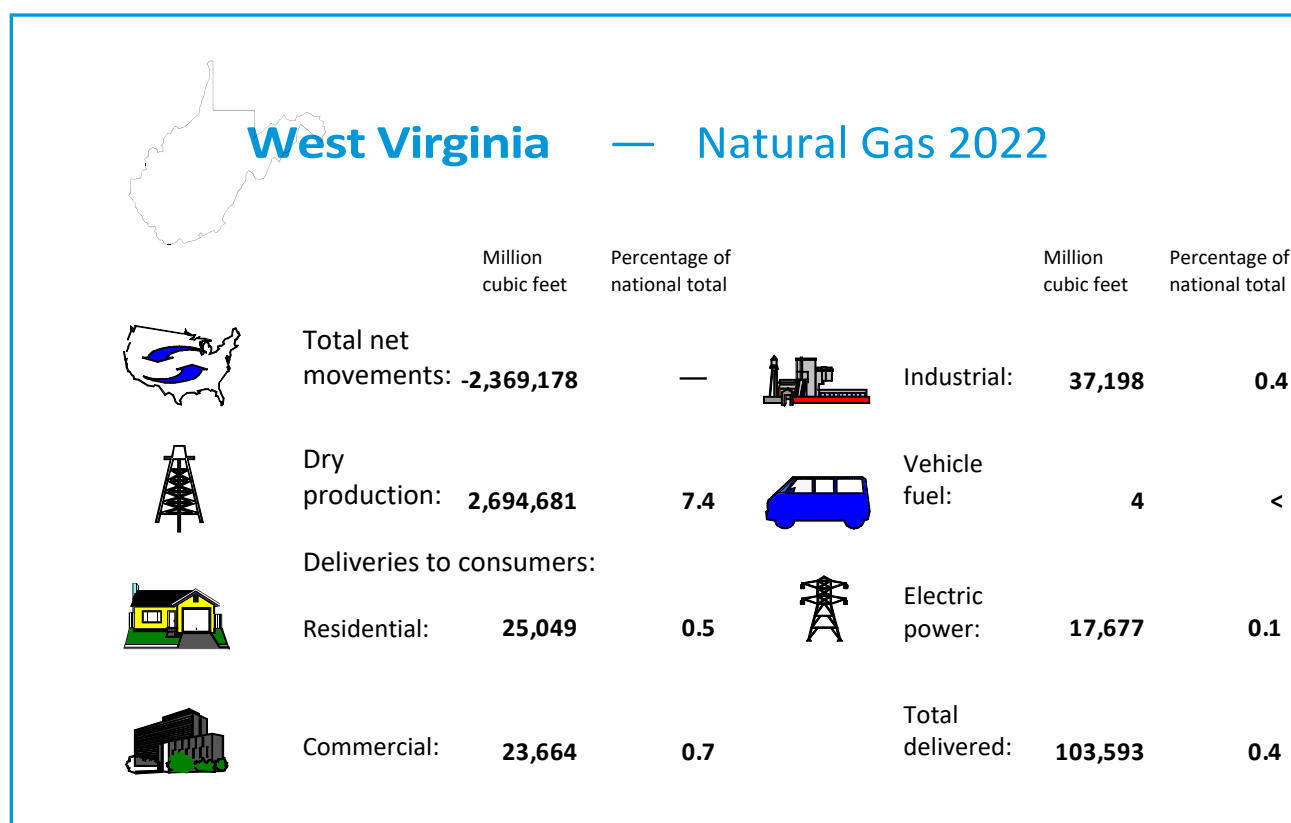


Table S50. Summary statistics for natural gas – West Virginia, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	100,767	111,568	R125,508	R137,665	147,636
Oil wells	729	704	R709	R626	722
Coalbed wells	7,836	6,645	R5,773	R5,344	NA
Shale gas wells	1,662,365	2,036,297	R2,436,000	R2,531,510	2,766,693
Total gross withdrawals	1,771,698	2,155,214	R2,567,990	R2,675,145	2,920,613
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	1,771,698	2,155,214	R2,567,990	R2,675,145	2,920,613
NGPL production, gaseous equivalent	158,937	188,135	214,284	R222,759	225,932
Total dry production	1,612,761	1,967,079	R2,353,706	R2,452,386	2,694,681
Supply (million cubic feet)					
Dry production	1,612,761	1,967,079	R2,353,706	R2,452,386	2,694,681
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	431,750	724,785	921,908	725,775	617,126
Withdrawals from storage					
Underground storage	209,731	195,855	185,693	181,165	225,289
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	0	0	0	0	0
Balancing item	119,373	49,048	R-56,614	R115,398	-90,512
Total supply	2,373,616	2,936,766	R3,404,694	R3,474,724	3,446,585

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	202,934	221,268	R243,116	R255,067	263,187
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	1,978,078	2,501,431	R2,969,974	R3,027,977	2,986,304
Additions to storage					
Underground storage	192,604	214,067	191,604	191,681	197,094
LNG storage	0	0	0	0	0
Total disposition	2,373,616	2,936,766	R3,404,694	R3,474,724	3,446,585
Consumption (million cubic feet)					
Lease fuel	E69,002	E84,053	R100,152	RE104,331	E113,904
Pipeline and distribution use	19,276	24,940	R29,634	R33,806	33,102
Plant fuel	15,234	11,797	12,751	12,862	12,588
Delivered to consumers					
Residential	26,256	23,850	22,853	23,818	25,049
Commercial	25,059	23,599	21,491	22,692	23,664
Industrial	37,374	36,570	34,950	38,009	37,198
Vehicle fuel	9	8	8	5	4
Electric power	10,725	16,451	21,277	R19,543	17,677
Total delivered to consumers	99,422	100,477	100,579	R104,068	103,593
Total consumption	202,934	221,268	R243,116	R255,067	263,187
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	11,213	11,059	10,114	10,677	10,761
Industrial	35,971	35,302	33,850	36,896	35,893
Number of consumers					
Residential	335,316	333,908	336,322	336,296	336,562
Commercial	34,911	34,958	35,216	35,294	34,783
Industrial	91	89	91	91	686
Average annual consumption per consumer (thousand cubic feet)					
Commercial	718	675	610	643	680
Industrial	410,701	410,895	384,066	417,680	54,225
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.86	3.71	3.20	4.22	6.25
Delivered to consumers					
Residential	9.84	9.90	10.11	10.46	12.08
Commercial	8.11	8.02	8.16	8.47	9.69
Industrial	3.54	3.04	2.35	3.76	6.77
Electric power	W	2.34	1.68	W	W

-- Not applicable.

^ Percentage is less than 0.05%.

E Estimated data.

NA Not available.

R Revised data.

RE Revised estimated 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, 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: 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.

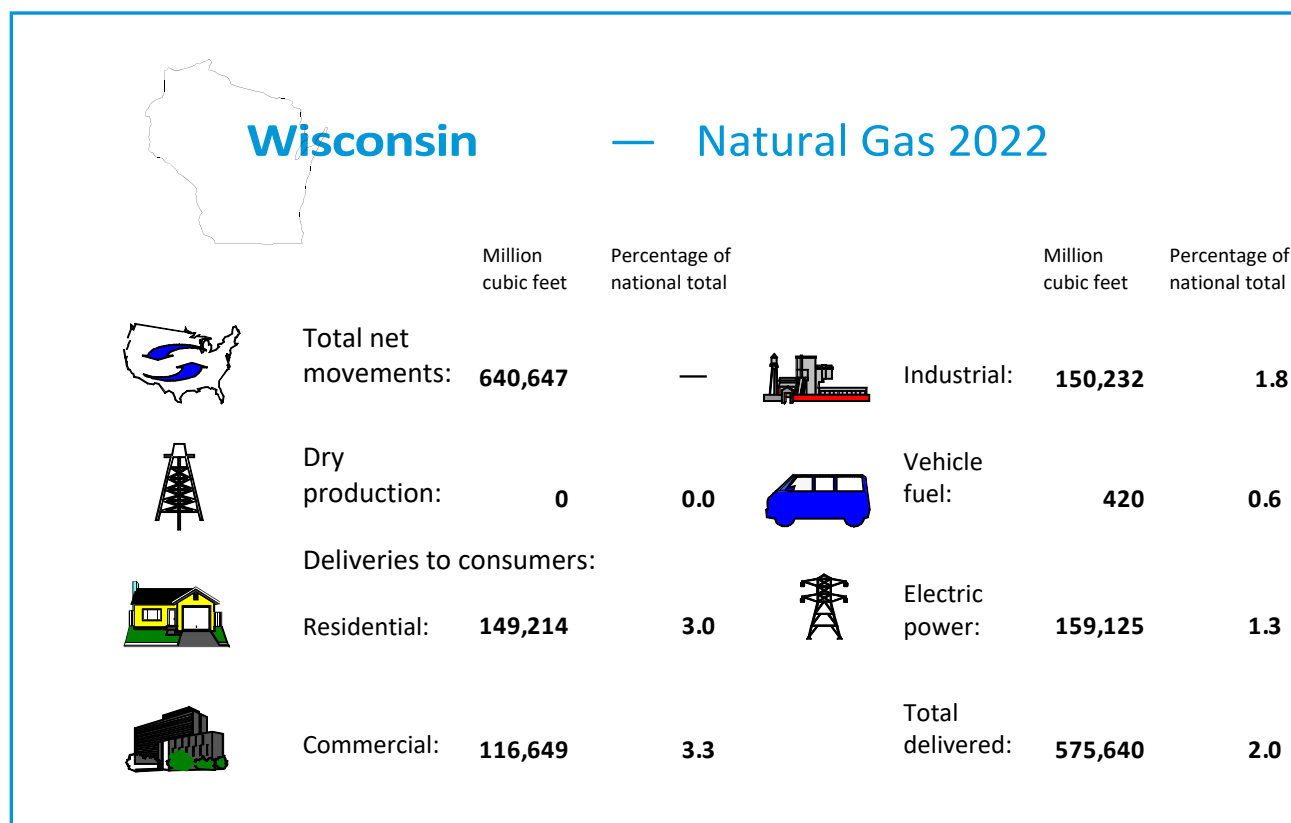


Table S51. Summary statistics for natural gas – Wisconsin, 2018-2022

	2018	2019	2020	2021	2022
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	1,238,747	920,591	885,096	984,187	1,101,424
Withdrawals from storage					
Underground storage	0	0	0	0	0
Liquefied natural gas (LNG) storage	85	108	95	96	142
Supplemental gas supplies	0	0	0	0	0
Balancing item	4,189	4,182	4,063	R-7,449	-61,094
Total supply	1,243,021	924,880	889,254	R976,835	1,040,472

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	543,025	568,646	547,716	R536,914	579,624
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	699,901	356,185	341,458	439,835	460,778
Additions to storage					
Underground storage	0	0	0	0	0
LNG storage	95	49	79	86	71
Total disposition	1,243,021	924,880	889,254	R976,835	1,040,472
Consumption (million cubic feet)					
Lease fuel	0	0	0	0	0
Pipeline and distribution use	3,927	4,145	3,694	3,662	3,984
Plant fuel	0	0	0	0	0
Delivered to consumers					
Residential	144,521	151,591	138,384	132,369	149,214
Commercial	100,026	101,576	91,949	100,907	116,649
Industrial	164,613	162,622	153,714	R149,841	150,232
Vehicle fuel	445	467	463	467	420
Electric power	129,494	148,245	159,513	R149,669	159,125
Total delivered to consumers	539,098	564,501	544,023	R533,252	575,640
Total consumption	543,025	568,646	547,716	R536,914	579,624
Delivered for other companies (million cubic feet)					
Residential	0	0	0	0	0
Commercial	26,962	26,960	26,150	36,244	41,939
Industrial	135,541	135,807	129,214	R126,252	125,919
Number of consumers					
Residential	1,775,242	1,793,147	1,811,337	1,823,385	1,839,813
Commercial	170,770	172,012	173,426	173,794	175,063
Industrial	7,579	7,895	8,072	R8,083	8,025
Average annual consumption per consumer (thousand cubic feet)					
Commercial	586	591	530	581	666
Industrial	21,720	20,598	19,043	R18,538	18,720
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.19	3.84	3.36	5.49	7.17
Delivered to consumers					
Residential	8.04	7.68	7.52	9.74	11.34
Commercial	6.44	6.14	5.74	7.88	9.55
Industrial	5.20	5.06	4.44	6.98	8.55
Electric power	3.28	W	W	R3.82	5.97

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

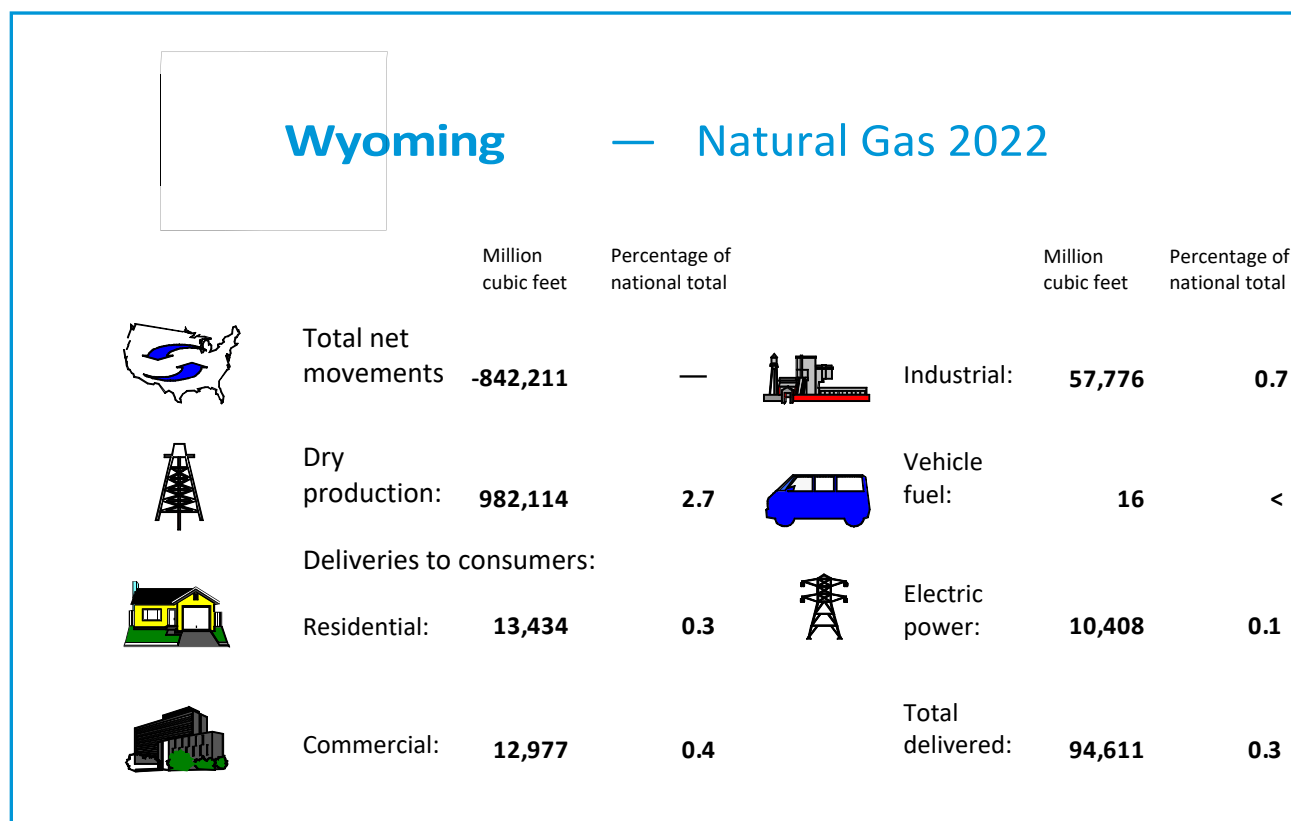


Table S52. Summary statistics for natural gas – Wyoming, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	1,481,356	1,284,614	R1,236,649	R1,146,873	1,074,715
Oil wells	20,665	30,436	R32,277	R30,796	39,459
Coalbed wells	116,030	95,381	R84,013	R74,247	69,631
Shale gas wells	102,846	137,073	R119,934	R123,538	113,693
Total gross withdrawals	1,720,897	1,547,504	R1,472,873	R1,375,454	1,297,497
Non-marketed disposition					
Repressuring	37,088	15,953	R99,605	86,824	96,163
Vented and flared	8,958	8,672	R60,415	R65,742	58,961
Nonhydrocarbon gases removed	37,333	34,025	R106,732	R113,472	109,739
Total non-marketed disposition	83,379	58,650	R266,751	R266,038	264,863
Dry production					
Marketed production	1,637,517	1,488,854	R1,206,122	R1,109,416	1,032,634
NGPL production, gaseous equivalent	65,003	55,048	56,332	53,711	50,520
Total dry production	1,572,514	1,433,806	R1,149,790	R1,055,705	982,114
Supply (million cubic feet)					
Dry production	1,572,514	1,433,806	R1,149,790	R1,055,705	982,114
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	1,370,549	1,207,155	1,055,093	929,804	924,855
Withdrawals from storage					
Underground storage	19,694	21,979	26,078	33,146	31,121
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	0	0	0	0	0
Balancing item	-159,483	-136,605	R-18,887	R-8,712	20,092
Total supply	2,803,274	2,526,335	R2,212,074	R2,009,944	1,958,183

See footnotes at end of table.

	2018	2019	2020	2021	2022
Disposition (million cubic feet)					
Consumption	165,384	160,366	R156,838	R153,013	163,405
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	2,621,107	2,333,774	2,017,815	1,829,566	1,767,067
Additions to storage					
Underground storage	16,783	32,195	37,420	27,365	27,711
LNG storage	0	0	0	0	0
Total disposition	2,803,274	2,526,335	R2,212,074	R2,009,944	1,958,183
Consumption (million cubic feet)					
Lease fuel	E32,277	E32,998	R30,973	R32,120	31,276
Pipeline and distribution use	15,218	13,256	13,348	13,016	12,510
Plant fuel	22,800	22,016	21,173	R26,102	25,008
Delivered to consumers					
Residential	13,142	14,057	12,968	12,845	13,434
Commercial	13,787	12,996	12,269	12,294	12,977
Industrial	66,272	61,755	60,368	48,702	57,776
Vehicle fuel	16	19	12	11	16
Electric power	1,873	3,271	5,727	R7,922	10,408
Total delivered to consumers	95,090	92,097	91,344	R81,774	94,611
Total consumption	165,384	160,366	R156,838	R153,013	163,405
Delivered for other companies (million cubic feet)					
Residential	3,871	4,235	3,941	4,016	4,284
Commercial	6,618	5,440	5,289	5,289	5,677
Industrial	65,325	61,043	59,820	48,202	57,079
Number of consumers					
Residential	166,140	167,597	169,238	170,833	172,035
Commercial	21,578	21,561	21,690	21,758	21,917
Industrial	92	87	82	75	83
Average annual consumption per consumer (thousand cubic feet)					
Commercial	639	603	566	565	592
Industrial	720,348	709,824	736,195	649,366	696,095
Average price for natural gas (dollars per thousand cubic feet)					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	3.74	3.48	3.02	6.36	5.97
Delivered to consumers					
Residential	8.60	8.06	8.84	10.04	13.40
Commercial	6.61	6.30	6.58	7.65	11.07
Industrial	3.92	3.91	4.16	5.76	8.60
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, 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: 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 2022 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, D.C. Data for the year 2022 were due March 1, 2023.

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 2023, we mailed forms for report year 2022 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
- Producers of high-Btu renewable natural gas that inject into an interstate or intra-state pipeline, or who deliver to a natural gas distributor

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 2,095 questionnaire packages. To the original mailing list, 34 names were added and 33 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 2022 survey scope consisted of 2,095 active companies.

Following the original mailing, a second request mailing, and nonrespondent follow-up, there were 82 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, 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. We also compare pipeline flows with publicly available information on throughput and capacity, such as via the Federal Energy Regulatory Commission (FERC). 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.

Number of residential and commercial consumers

The number of residential and commercial consumers reported for the years presented in this report (2018 through 2022) 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 2021 and 2022, 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 cycled 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 1-3, B1, and B2, 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 non-hydrocarbon 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 161 natural gas marketers reported to the survey in 2022. 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 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. 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 *LNG Monthly* publication. 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 obtain 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 vehicle fuel

To estimate the volumes of natural gas consumed as vehicle fuel in the *Natural Gas Annual 2022*, 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.

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.

In some states, a large share of natural gas is sold to residential and commercial customers not by an LDC but by a third-party marketer. To more accurately capture residential and commercial end-use prices in states with a heavy marketer presence, EIA uses Form EIA-910, *Monthly Natural Gas Marketer Survey*. 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 on Form EIA-910. Beginning in 2005, EIA-910 coverage was included to capture residential prices in Florida, New Jersey, and Virginia, and commercial prices in Florida, Michigan, Virginia, and the District of Columbia. However, in 2011 EIA reduced the number of states surveyed on Form EIA-910 to cover only Georgia, New York, and Ohio. For states surveyed by Form EIA-910, 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 may 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 only 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
- Misclassification of end-use data, such as in the electric power sector or volumes delivered to other pipelines or LDCs
- Missing or incomplete data, such as for state non-marketed production components.

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, 2022

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	635	5,263	766,838	0.8
Alaska	33	16,594	444,725	3.7
Arizona	749	4,917	454,497	1.2
Arkansas	2,046	405	387,849	0.6
California	12,604	52,095	2,056,267	3.1
Colorado	1,412	19,517	503,514	4.2
Connecticut	1,527	2,830	297,253	1.5
Delaware	839	5,338	85,811	7.2
District of Columbia	1,518	0	29,182	5.2
Florida	2,155	-3,795	1,622,717	-0.1
Georgia	545	-4,354	784,466	-0.5
Hawaii	0	-175	2,993	-5.8
Idaho	375	-939	139,855	-0.4
Illinois	7,538	13,284	1,157,550	1.8
Indiana	1,767	4,863	873,561	0.8
Iowa	1,646	800	431,332	0.6
Kansas	1,432	5,408	307,551	2.2
Kentucky	1,808	5,911	386,001	2.0
Louisiana	12,914	19,219	1,959,688	1.6
Maine	400	-311	58,994	0.2
Maryland	4,012	4,326	301,062	2.8
Massachusetts	5,516	-17,730	423,512	-2.9
Michigan	6,676	669	1,022,598	0.7
Minnesota	1,997	-4,968	523,604	-0.6
Mississippi	1,277	-497	602,036	0.1
Missouri	943	10,595	306,590	3.8
Montana	723	4,870	88,771	6.3
Nebraska	1,668	2,741	186,760	2.4
Nevada	220	2,208	290,730	0.8
New Hampshire	87	1,047	58,135	2.0
New Jersey	3,510	-3,931	727,341	-0.1
New Mexico	240	-51	291,371	0.1
New York	24,365	15,142	1,356,629	2.9
North Carolina	3,410	112	720,007	0.5
North Dakota	451	768	188,102	0.6
Ohio	10,803	5,025	1,325,562	1.2
Oklahoma	1,216	11,571	760,571	1.7
Oregon	649	239	279,264	0.3
Pennsylvania	5,985	18,318	1,862,795	1.3
Rhode Island	1,288	1,214	98,416	2.5
South Carolina	214	4,340	350,839	1.3
South Dakota	224	311	93,650	0.6
Tennessee	1,173	3,141	426,738	1.0
Texas	21,795	-100,122	4,875,735	-1.6
Utah	3,243	2,948	273,938	2.3
Vermont	*	201	13,481	1.5
Virginia	5,426	5,333	646,591	1.7
Washington	2,571	12,871	354,826	4.4
West Virginia	3,003	21,110	263,187	9.2
Wisconsin	1,685	5,696	579,624	1.3
Wyoming	789	2,412	163,405	2.0
Total	167,104	156,783	32,288,230	1.0

^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.

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 2018 through 2022 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. For metric equivalents, 1 cubic foot of natural gas equals approximately 0.0283 cubic meters of natural gas. Volumetric data in thermal units is available in Table B2. The complete historical data in thermal units are available in the [Monthly Energy Review](#).

Thermal conversions

Table B2 presents the thermal (British thermal unit) conversion factors and the converted data for natural gas supply and disposition from 2018 through 2022.

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, 2018-2022

	2018	2019	2020	2021	2022
Production (million cubic meters)					
Gross withdrawals					
Natural gas wells	222,685	210,487	R188,119	R174,003	169,319
Oil wells	127,525	130,358	R123,545	R124,839	129,584
Coalbed wells	27,771	25,557	R23,322	R21,602	20,793
Shale gas wells	678,960	788,365	R818,358	R859,709	920,646
Total gross withdrawals	1,056,942	1,154,767	R1,153,343	R1,180,154	1,240,342
Non-marketed disposition					
Repressuring	101,583	99,730	R101,386	R105,377	107,107
Vented and flared	13,326	15,276	R9,607	R8,149	7,671
Nonhydrocarbon gases removed	7,326	7,699	R8,195	R9,338	9,078
Total non-marketed disposition	122,235	122,705	R119,188	R122,863	123,856
Dry production					
Marketed production	934,707	1,032,062	R1,034,155	R1,057,290	1,116,487
NGPL production, gaseous equivalent	63,277	72,148	76,730	R79,530	87,084
Total dry production	871,430	959,913	R957,425	R977,760	1,029,403
Supply (million cubic meters)					
Dry production	871,430	959,913	R957,425	R977,760	1,029,403
Receipts at U.S. borders					
Imports	81,803	77,637	72,241	79,513	85,635
Intransit receipts	372	5,876	R10,880	R10,549	6,879
Withdrawals from storage					
Underground storage	113,251	103,436	96,614	106,503	118,212
LNG storage	1,429	1,353	R971	R1,201	1,720
Supplemental gas supplies	1,964	1,721	1,788	1,870	2,070
Balancing item	-8,162	-11,339	R-16,020	R-10,546	-17,821
Total supply	1,062,087	1,138,596	R1,123,899	R1,166,850	1,226,098
Disposition (million cubic meters)					
Consumption	853,439	881,561	R866,568	R867,790	914,301
Deliveries at U.S. borders					
Exports	102,163	131,890	149,645	188,381	195,497
Intransit deliveries	704	6,101	R5,014	R5,326	4,312
Additions to storage					
Underground storage	104,090	117,586	101,652	104,147	110,374
LNG storage	1,691	1,458	R1,020	R1,205	1,615
Total disposition	1,062,087	1,138,596	R1,123,899	R1,166,850	1,226,098
Consumption (million cubic meters)					
Lease fuel	35,341	37,732	R37,727	R38,796	39,519
Pipeline and distribution use	24,821	28,829	R28,893	R32,040	34,330
Plant Fuel	12,635	13,888	14,694	R13,611	13,796
Delivered to consumers					
Residential	141,515	142,109	132,366	R133,561	140,569
Commercial	99,504	99,521	R89,557	R93,136	99,366
Industrial	238,351	238,333	R232,566	R237,144	241,738
Vehicle fuel	1,428	1,505	1,392	1,543	1,840
Electric power	299,845	319,643	329,374	R317,958	343,143
Total delivered to consumers	780,643	801,112	R785,253	R783,343	826,656
Total consumption	853,439	881,561	R866,568	R867,790	914,301
Delivered for the account of others (million cubic meters)					
Residential	19,590	18,597	17,211	16,925	17,341
Commercial	45,784	45,756	R41,861	R42,930	44,883
Industrial	203,728	207,428	R202,182	R205,496	209,297

See footnotes at end of table.

	2018	2019	2020	2021	2022
Number of consumers					
Residential	69,737,549	70,431,299	71,540,659 ^R	71,951,957 ^R	72,518,520
Commercial	5,518,358	5,551,599	5,627,762 ^R	5,613,615 ^R	5,619,484
Industrial	185,009	183,507	184,466 ^R	182,207 ^R	181,947
Average annual consumption per Consumer (thousand cubic meters)					
Commercial	18	18	16	17	18
Industrial	1,288	1,299	1,261 ^R	1,302 ^R	1,329
Average price for natural gas (dollars per thousand cubic meters)					
Imports	94.95	90.16	72.99 ^R	133.41	223.68
Exports	137.53	128.72	130.76 ^R	225.31 ^R	340.59
Citygate	149.44	134.71	121.18	212.64	243.47
Delivered to consumers					
Residential	370.93	370.98	380.57	430.22 ^R	520.83
Commercial	274.94	268.72	264.32 ^R	310.56 ^R	399.72
Industrial	148.03	137.67	117.42	192.27 ^R	270.48
Electric power	129.96	105.59	87.93	191.76 ^R	265.21

^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); 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, 2018-2022

	2018	2019	2020	2021	2022
Conversion factor (Btu per cubic foot)					
Production					
Marketed	1,134	1,140	R1,145	1,146	1,149
NGPL production	2,482	2,493	2,499	R2,489	2,487
Total dry production	1,036	1,038	1,037	1,037	1,036
Supply					
Dry production	1,036	1,038	1,037	1,037	1,036
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	1,038	1,037	1,037	1,036
LNG storage	1,036	1,038	1,037	1,037	1,036
Supplemental gas supplies	1,036	1,038	1,037	1,037	1,036
Balancing item	1,036	1,038	1,037	1,037	1,036
Total supply	NA	NA	NA	NA	NA
Disposition					
Consumption	1,036	1,038	1,037	1,037	1,036
(Electric power)	1,033	1,034	1,033	1,034	1,033
(Other sectors)	1,038	1,040	1,039	R1,039	1,036
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	1,038	1,037	1,037	1,036
LNG storage	1,036	1,038	1,037	1,037	1,036
Total disposition	NA	NA	NA	NA	NA
Summary data (billion Btu)					
Production					
Marketed	37,428,144	41,538,075	R41,832,331	R42,796,036	45,310,027
NGPL production	5,545,996	6,350,892	6,770,191	6,989,177	7,648,296
Total dry production	31,882,148	35,187,183	R35,062,141	R35,806,859	37,661,732
Supply					
Dry production	31,882,148	35,187,183	R35,062,141	R35,806,859	37,661,732
Receipts at U.S. borders					
Imports	2,961,068	2,810,259	2,614,955	2,878,160	3,097,602
Intransit receipts	13,470	212,702	R393,815	R381,851	249,000
Withdrawals from storage					
Underground storage	4,143,403	3,791,609	3,538,146	3,900,280	4,324,921
LNG storage	52,270	49,584	R35,554	R43,977	62,921
Supplemental gas supplies	71,839	63,075	65,482	68,487	75,741
Balancing item	-364,771	-518,642	R-705,885	R-551,461	-804,406
Total supply	38,759,427	41,595,770	R41,004,208	R42,528,154	44,667,510
Disposition					
Consumption	31,223,931	32,315,058	R31,734,860	R31,779,598	33,450,607
(Electric power)	10,938,372	11,671,891	12,015,570	R11,610,358	12,517,868
(Other sectors)	20,285,559	20,643,167	R19,719,290	R20,169,240	20,932,739
Deliveries at U.S. borders					
Exports	3,640,312	4,699,576	5,332,240	6,712,482	6,966,037
Intransit deliveries	25,087	217,379	177,158	R177,917	153,656
Additions to storage					
Underground storage	3,808,246	4,310,317	3,722,613	3,814,017	4,038,138
LNG storage	61,851	53,440	R37,335	R44,140	59,072
Total disposition	38,759,427	41,595,770	R41,004,208	R42,528,154	44,667,510

^{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); 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.