

## Overview

**Table 1. Summary statistics for natural gas in the United States, 2019-2023**

	2019	2020	2021	2022	2023
<b>Production (million cubic feet)</b>					
Gross withdrawals					
Natural gas wells	7,433,288	6,643,356	6,144,863	R5,964,006	5,603,078
Oil wells	4,603,548	4,362,940	4,408,663	R4,523,707	4,522,858
Coalbed wells	902,544	823,593	762,875	R734,959	709,778
Shale gas wells	27,840,830	28,900,038	30,360,342	R32,478,256	34,715,136
<b>Total gross withdrawals</b>	<b>40,780,210</b>	<b>40,729,927</b>	<b>41,676,743</b>	<b>R43,700,928</b>	<b>45,550,850</b>
Non-marketed disposition					
Repressuring	3,521,924	3,580,429	3,721,344	R3,778,592	3,752,476
Vented and flared	539,480	339,272	287,775	R271,682	323,530
Nonhydrocarbon gases removed	271,889	289,399	329,764	R321,196	285,231
<b>Total non-marketed disposition</b>	<b>4,333,293</b>	<b>4,209,101</b>	<b>4,338,883</b>	<b>R4,371,470</b>	<b>4,361,237</b>
Dry production					
Marketed production	36,446,918	36,520,826	37,337,860	R39,329,457	41,189,612
NGPL production, gaseous equivalent	2,547,897	2,709,697	2,808,584	R3,074,515	3,386,344
<b>Total dry production</b>	<b>33,899,021</b>	<b>33,811,129</b>	<b>34,529,276</b>	<b>R36,254,942</b>	<b>37,803,268</b>
<b>Supply (million cubic feet)</b>					
Dry production	33,899,021	33,811,129	34,529,276	R36,254,942	37,803,268
Receipts at U.S. borders					
Imports	2,741,717	2,551,175	2,807,961	R3,024,143	2,928,175
Intransit receipts	207,514	384,210	372,538	R243,994	156,689
Withdrawals from storage					
Underground storage	3,652,802	3,411,906	3,761,119	4,174,634	3,292,424
LNG storage	47,769	34,286	42,408	R61,840	40,679
Supplemental gas supplies	60,766	63,146	66,044	R73,170	116,695
Balancing item	-400,445	-565,745	-372,435	R-528,494	-179,158
<b>Total supply</b>	<b>40,209,143</b>	<b>39,690,106</b>	<b>41,206,910</b>	<b>R43,304,230</b>	<b>44,158,771</b>
<b>Disposition (million cubic feet)</b>					
Consumption	31,132,041	30,602,565	30,645,707	R32,291,914	32,619,417
Deliveries at U.S. borders					
Exports	4,657,657	5,284,678	6,652,609	R6,906,432	7,609,597
Intransit deliveries	215,440	177,068	188,096	R149,755	41,635
Additions to storage					
Underground storage	4,152,521	3,589,791	3,677,933	3,897,816	3,839,512
LNG storage	51,483	36,003	42,565	R58,312	48,611
<b>Total disposition</b>	<b>40,209,143</b>	<b>39,690,106</b>	<b>41,206,910</b>	<b>R43,304,230</b>	<b>44,158,771</b>
<b>Consumption (million cubic feet)</b>					
Lease fuel	1,332,506	1,332,331	1,370,084	R1,411,815	1,464,817
Pipeline and distribution use	1,018,095	1,020,360	1,131,472	R1,252,302	1,243,855
Plant fuel	490,434	518,913	480,658	R467,511	501,445
Delivered to consumers					
Residential	5,018,519	4,674,456	4,716,658	R4,964,255	4,523,328
Commercial	3,514,566	3,162,664	3,289,076	R3,510,617	3,341,425
Industrial	8,416,660	8,212,977	8,374,672	R8,529,076	8,552,171
Vehicle fuel	53,166	49,141	54,500	R64,791	62,098
Electric power	11,288,096	11,631,723	11,228,587	R12,091,546	12,930,278
<b>Total delivered to consumers</b>	<b>28,291,006</b>	<b>27,730,961</b>	<b>27,663,493</b>	<b>R29,160,286</b>	<b>29,409,299</b>
<b>Total consumption</b>	<b>31,132,041</b>	<b>30,602,565</b>	<b>30,645,707</b>	<b>R32,291,914</b>	<b>32,619,417</b>
<b>Delivered for other companies (million cubic feet)</b>					
Residential	656,745	607,816	597,685	R612,320	544,040
Commercial	1,615,853	1,478,290	1,516,058	R1,585,571	1,522,391
Industrial	7,325,264	7,140,003	7,257,024	R7,388,750	7,412,884

See footnotes at end of table.

	2019	2020	2021	2022	2023
<b>Number of consumers</b>					
Residential	70,431,299	71,540,659	71,951,957	<sup>R</sup> 72,525,043	73,226,403
Commercial	5,551,599	5,627,762	5,613,615	<sup>R</sup> 5,621,186	5,649,137
Industrial	183,507	184,466	182,207	<sup>R</sup> 181,002	178,884
<b>Average annual consumption per consumer (thousand cubic feet)</b>					
Commercial	633	562	586	<sup>R</sup> 625	591
Industrial	45,866	44,523	45,962	<sup>R</sup> 47,121	47,808
<b>Average price for natural gas (dollars per thousand cubic feet)</b>					
Imports	2.55	2.07	3.78	6.33	3.32
Exports	3.64	3.70	6.38	9.64	5.41
NGPL composite spot price	5.49	4.47	9.02	10.71	6.92
Natural gas spot price	2.56	2.03	3.89	6.45	2.53
Citygate	3.81	3.43	6.02	<sup>R</sup> 6.87	5.56
<b>Delivered to consumers</b>					
Residential	10.51	10.78	12.18	14.75	15.39
Commercial	7.61	7.48	8.79	11.32	11.07
Industrial	3.90	3.32	5.44	<sup>R</sup> 7.69	4.53
Electric power	2.99	2.49	5.43	7.51	3.50

<sup>—</sup> Not applicable.

<sup>R</sup> Revised data.

<sup>a</sup> *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).

<sup>b</sup> 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](#)).

<sup>c</sup> 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.