



Table S24. Summary statistics for natural gas – Michigan, 2019-2023

	2019	2020	2021	2022	2023
Production (million cubic feet)					
Gross withdrawals					
Natural gas wells	9,168	6,854	6,774	R5,767	6,049
Oil wells	2,870	1,944	2,000	R2,218	2,042
Coalbed wells	0	0	0	0	0
Shale gas wells	71,931	67,138	65,283	R61,933	60,042
Total gross withdrawals	83,969	75,935	74,057	R69,919	68,132
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	83,969	75,935	74,057	R69,919	68,132
NGPL production, gaseous equivalent	1,118	768	849	R624	699
Total dry production	82,851	75,167	73,208	R69,295	67,433
Supply (million cubic feet)					
Dry production	82,851	75,167	73,208	R69,295	67,433
Receipts					
Imports	28,309	40,324	56,097	83,714	112,959
Intransit receipts	0	0	0	0	0
Interstate receipts	1,973,340	1,895,547	1,852,124	2,103,965	2,154,372
Withdrawals from storage					
Underground storage	488,353	400,748	477,696	546,234	346,619
Liquefied natural gas (LNG) storage	0	0	0	0	0
Supplemental gas supplies	0	0	0	542	787
Balancing item	4,712	-122,196	-149,251	R-262,638	-360,763
Total supply	2,577,566	2,289,590	2,309,874	R2,541,113	2,321,408

See footnotes at end of table.

	2019	2020	2021	2022	2023
Disposition (million cubic feet)					
Consumption	998,093	948,258	899,115	^R 1,029,603	1,064,510
Deliveries					
Exports	566,895	485,750	547,143	597,496	612,163
Intransit deliveries	201,130	141,107	152,380	123,727	1,081
Interstate deliveries	248,506	291,689	271,307	279,584	198,057
Additions to storage					
Underground storage	562,941	422,786	439,928	510,703	445,597
LNG storage	0	0	0	0	0
Total disposition	2,577,566	2,289,590	2,309,874	^R2,541,113	2,321,408
Consumption (million cubic feet)					
Lease fuel	^E 4,702	4,252	^E 4,147	^{RE} 3,915	^E 3,815
Pipeline and distribution use	28,665	23,396	25,958	^R 27,759	22,281
Plant fuel	940	862	869	701	877
Delivered to consumers					
Residential	332,254	304,194	296,039	328,712	284,916
Commercial	181,825	160,487	161,399	179,274	163,125
Industrial	173,618	154,149	158,649	167,907	163,105
Vehicle fuel	4	3	2	1,070	522
Electric power	276,086	300,914	252,052	^R 320,265	425,868
Total delivered to consumers	963,786	919,747	868,141	^R997,227	1,037,537
Total consumption	998,093	948,258	899,115	^R1,029,603	1,064,510
Delivered for other companies (million cubic feet)					
Residential	19,498	16,466	14,932	15,119	11,604
Commercial	76,022	67,593	67,534	68,160	63,146
Industrial	161,329	143,700	147,985	156,073	153,119
Number of consumers					
Residential	3,322,202	3,353,954	3,379,955	3,113,126	3,421,932
Commercial	259,813	279,001	262,812	238,802	264,776
Industrial	6,729	6,589	6,392	5,491	5,979
Average annual consumption per consumer (thousand cubic feet)					
Commercial	700	575	614	751	616
Industrial	25,801	23,395	24,820	30,578	27,280
Average price for natural gas (dollars per thousand cubic feet)					
Imports	2.41	2.05	4.23	6.34	2.38
Exports	2.69	2.05	3.76	6.21	2.67
Citygate	3.17	2.78	3.49	5.09	4.20
Delivered to consumers					
Residential	8.08	8.25	9.21	11.31	11.48
Commercial	6.81	6.86	7.87	10.00	9.94
Industrial	6.01	5.85	6.70	^R 8.82	8.50
Electric power	2.75	2.14	4.24	^R 6.88	2.81

^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.