



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

	2018	2019	2020	2021	2022
<b>Production (million cubic feet)</b>					
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
<b>Total gross withdrawals</b>	<b>89,572</b>	<b>83,969</b>	<b>75,935</b>	<b>74,057</b>	<b>69,542</b>
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
<b>Total non-marketed disposition</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
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
<b>Total dry production</b>	<b>88,232</b>	<b>82,851</b>	<b>75,167</b>	<b>73,208</b>	<b>68,691</b>
<b>Supply (million cubic feet)</b>					
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
<b>Total supply</b>	<b>2,516,558</b>	<b>2,577,566</b>	<b>2,289,590</b>	<b>2,309,874</b>	<b>2,534,108</b>

See footnotes at end of table.

	2018	2019	2020	2021	2022
<b>Disposition (million cubic feet)</b>					
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
<b>Total disposition</b>	<b>2,516,558</b>	<b>2,577,566</b>	<b>R2,289,590</b>	<b>R2,309,874</b>	<b>2,534,108</b>
<b>Consumption (million cubic feet)</b>					
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
<b>Total delivered to consumers</b>	<b>937,882</b>	<b>963,786</b>	<b>919,747</b>	<b>R868,141</b>	<b>990,324</b>
<b>Total consumption</b>	<b>965,538</b>	<b>998,093</b>	<b>R948,258</b>	<b>R899,115</b>	<b>1,022,598</b>
<b>Delivered for other companies (million cubic feet)</b>					
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
<b>Number of consumers</b>					
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
<b>Average annual consumption per consumer (thousand cubic feet)</b>					
Commercial	699	700	575	614	751
Industrial	24,908	25,801	23,395	24,820	30,578
<b>Average price for natural gas (dollars per thousand cubic feet)</b>					
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

<sup>E</sup> Estimated data.

<sup>NA</sup> Not available.

<sup>R</sup> Revised data.

<sup>RE</sup> Revised estimated 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 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.