



**Table S40. Summary statistics for natural gas – Pennsylvania, 2019-2023**

	2019	2020	2021	2022	2023
<b>Production (million cubic feet)</b>					
Gross withdrawals					
Natural gas wells	136,626	169,949	180,360	R169,938	164,383
Oil wells	1,849	1,247	1,468	R1,788	1,747
Coalbed wells	6,131	5,207	4,113	R3,085	2,725
Shale gas wells	6,752,186	6,992,499	7,461,128	R7,338,755	7,423,459
<b>Total gross withdrawals</b>	<b>6,896,792</b>	<b>7,168,902</b>	<b>7,647,068</b>	<b>R7,513,567</b>	<b>7,592,313</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	6,896,792	7,168,902	7,647,068	R7,513,567	7,592,313
NGPL production, gaseous equivalent	95,527	97,862	99,914	98,061	101,990
<b>Total dry production</b>	<b>6,801,265</b>	<b>7,071,040</b>	<b>7,547,154</b>	<b>R7,415,506</b>	<b>7,490,323</b>
<b>Supply (million cubic feet)</b>					
Dry production	6,801,265	7,071,040	7,547,154	R7,415,506	7,490,323
Receipts					
Imports	0	0	0	0	0
Intransit receipts	0	0	0	0	0
Interstate receipts	297,616	308,249	451,390	459,468	428,612
Withdrawals from storage					
Underground storage	353,092	356,567	389,999	437,051	347,246
Liquefied natural gas (LNG) storage	6,481	3,744	6,450	9,174	4,950
Supplemental gas supplies	6	1	*	1,280	5,821
Balancing item	-280,994	-279,763	-394,749	R99,634	-55,599
<b>Total supply</b>	<b>7,177,467</b>	<b>7,459,838</b>	<b>8,000,244</b>	<b>R8,422,113</b>	<b>8,221,353</b>

See footnotes at end of table.

	2019	2020	2021	2022	2023
<b>Disposition (million cubic feet)</b>					
Consumption	1,618,008	1,718,480	1,801,483	R1,869,154	1,873,362
Deliveries					
Exports	0	0	0	0	0
Intransit deliveries	0	0	0	0	0
Interstate deliveries	5,141,394	5,387,900	5,809,751	6,122,390	5,957,006
Additions to storage					
Underground storage	411,067	349,145	382,943	423,387	385,221
LNG storage	6,999	4,312	6,067	7,183	5,763
<b>Total disposition</b>	<b>7,177,467</b>	<b>7,459,838</b>	<b>8,000,244</b>	<b>R8,422,113</b>	<b>8,221,353</b>
<b>Consumption (million cubic feet)</b>					
Lease fuel	E241,388	250,912	E267,647	RE262,975	E265,731
Pipeline and distribution use	49,008	46,028	51,630	R55,031	50,352
Plant fuel	6,146	5,755	6,474	6,500	5,170
Delivered to consumers					
Residential	236,631	221,298	226,453	237,370	206,816
Commercial	161,624	148,186	154,420	166,769	157,869
Industrial	249,026	215,664	240,907	253,189	238,357
Vehicle fuel	1,679	1,595	1,709	3,091	1,658
Electric power	672,506	829,041	852,242	R884,228	947,409
<b>Total delivered to consumers</b>	<b>1,321,465</b>	<b>1,415,785</b>	<b>1,475,732</b>	<b>R1,544,648</b>	<b>1,552,109</b>
<b>Total consumption</b>	<b>1,618,008</b>	<b>1,718,480</b>	<b>1,801,483</b>	<b>R1,869,154</b>	<b>1,873,362</b>
<b>Delivered for other companies (million cubic feet)</b>					
Residential	32,487	30,905	28,716	28,156	24,336
Commercial	102,840	97,599	99,284	104,644	97,909
Industrial	246,764	213,428	238,449	250,304	235,913
<b>Number of consumers</b>					
Residential	2,821,188	2,845,197	2,864,907	2,881,739	2,886,236
Commercial	245,481	250,807	251,244	252,140	251,965
Industrial	4,567	4,521	4,482	4,417	4,267
<b>Average annual consumption per consumer (thousand cubic feet)</b>					
Commercial	658	591	615	661	627
Industrial	54,527	47,703	53,750	57,322	55,860
<b>Average price for natural gas (dollars per thousand cubic feet)</b>					
Imports	--	--	--	--	--
Exports	--	--	--	--	--
Citygate	4.53	3.77	5.08	7.27	5.27
Delivered to consumers					
Residential	11.70	11.48	12.01	14.94	15.43
Commercial	9.49	9.10	9.59	12.27	13.04
Industrial	8.52	7.98	8.51	11.17	11.77
Electric power	2.43	1.69	3.43	R6.31	2.14

\* Volume is less than 500,000 cubic feet.

-- Not applicable.

E Estimated data.

NA Not available.

R Revised data.

RE 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-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.