

Mineral Industry Surveys

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MARKETABLE PHOSPHATE ROCK MAY 2025

U.S. marketable phosphate rock production in May was 1.97 million metric tons (Mt), 17% higher than the revised amount in April and 27% higher than that in May 2024 (table 1). Total production in January through May was 8.15 Mt, 3% higher than that in the same period of 2024.

Phosphate rock sold or used in the United States in May was 1.47 Mt, 10% higher than the revised amount in April and 7% lower than that in May 2024. Total sold or used in January through May was 7.33 Mt, 8% lower than that in same period of 2024. U.S. producer stocks were 7.89 Mt, 7% higher than the revised amount in April and 17% lower than those in May 2024 (table 1).

Imports of phosphate rock in May were 309,000 metric tons, 14% higher than those in April and 6% higher than those in May 2024 (table 2). Total imports in January through May were 1.44 Mt, compared with 1.46 Mt in the same period of 2024. Imports of phosphate rock can vary substantially from month to month based on sales contracts and production schedules of the phosphate plants.

Estimated apparent consumption for 2025, based on annualized sold or used and import data, was 21.2 Mt, compared with 22.4 Mt in 2024 (table 3).

*A worksheet has been added to the excel table files that includes a macro to remove text from data cells. This will allow users to only have numbers in data cells. Please see the worksheet titled *RemoveTextButton* for instructions in how to use the tool. Note: you must download the excel file in order to use the tool.*

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Table 1. U.S. phosphate rock statistics.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in thousand metric tons. Estimated data and revised data are marked with superscripts "e" and "r", respectively.]

Period	Marketable production	Sold or used	Stocks, end of period¹
2024^e			
January–May	7,900 ^r	7,950 ^r	9,500 ^r
May	1,560	1,590	9,500
June	1,770	1,600	9,670
July	1,650	1,560	9,760
August	1,750	1,640	9,870
September	1,640	1,610	9,900
October	1,440	1,270	10,100
November	1,570	1,700	9,950
December	1,570	1,660	9,860
January–December	19,300	19,000	9,860
2025			
January	1,470 ^r	1,460 ^r	7,070 ^r
February	1,450 ^r	1,500 ^r	7,020 ^r
March	1,570 ^r	1,550 ^r	7,030 ^r
April	1,690 ^r	1,340 ^r	7,390 ^r
May	1,970	1,470	7,890
January–May	8,150	7,330	7,890

¹Includes inventory adjustments.

Table 2. U.S. imports of phosphate rock.

[Data are rounded to no more than three significant digits; may not add to totals shown. Quantity is in thousand metric tons and value is in thousand dollars. Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Period	Quantity	Value ¹
2024		
January–May	1,460	198,000
May	291	38,500
June	253	32,100
July	321	40,700
August	306	39,800
September	168	22,000
October	330	40,600
November	274	31,200
December	279	32,700
January–December	3,390	437,000
2025		
January	306	37,000
February	284	33,300
March	271	28,700
April	270	28,300
May	309	32,800
January–May	1,440	160,000

¹Cost, insurance, and freight values at U.S. ports.

Table 3. Comparative U.S. phosphate rock statistics.

[Data are rounded to no more than three significant digits; may not add to totals shown. Quantity is in million metric tons and value is in thousand dollars.

Estimated data are marked with a superscript "e." NA, not available. Source:

U.S. Census Bureau (<https://usatrade.census.gov/>).]

Product	2023	2024	2025 ¹
Marketable production ^e	19.6	19.3	19.7
Sold or used by producers ^e	20.0	19.0	17.7
Yearend stocks ^e	9.6	9.9	7.9
Imports for consumption	2.6	3.4	3.5 ^e
Average value per ton	147.32	129.09	NA
Apparent consumption ^{e, 2, 3}	22.6	22.4	21.2

¹Annualized data.

²Data may not add to totals shown because of independent rounding.

³Calculated as domestic sold or used by producers plus imports for consumption.