

Mineral Industry Surveys

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MARKETABLE PHOSPHATE ROCK MARCH 2025

U.S. marketable phosphate rock production in March was estimated to be 1.61 million metric tons (Mt), slightly lower than that in February and the same as that in March 2024 (table 1). Total production in January through March was estimated to be 4.85 Mt, slightly higher than that in the same period of 2024.

Phosphate rock sold or used in the United States in March was estimated to be 1.75 Mt, 3% lower than that in February and 9% higher than that in March 2024. Total sold or used in January through March was estimated to be 5.26 Mt, 10% higher than that in the same period of 2024.

U.S. producer stocks were estimated to be 9.42 Mt, compared with 9.55 Mt in February and 9.5 Mt in March 2024 (table 1).

Imports of phosphate rock in March were 271,000 metric tons (t), 5% lower than the revised amount in February and 25% lower than those in March 2024 (table 2). Total imports in January through March were 861,000 t, which were 8% lower than those 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 24.8 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 period ¹
2024^e			
January–March	4,740 ^r	4,790 ^r	9,500 ^r
March	1,610	1,600	9,500
April	1,600	1,580	9,520
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^e			
January	1,590	1,730	9,700
February	1,640	1,790	9,550
March	1,610	1,750	9,420
January–March	4,850	5,260	9,420

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. Revised data are marked with superscript "r." Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Period	Quantity	Value ¹
2024		
January–March	934	128,000
March	359	48,200
April	231	31,200
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 ^r	33,300
March	271	28,700
January–March	861	99,000

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. NA, not available. Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Product	2023	2024	2025¹
Marketable production	19.6	19.3	19.7
Sold or used by producers	20.0	19.0	21.4
Yearend stocks	9.6	9.9	9.4
Imports for consumption	2.6	3.4	3.5
Average value per ton	147.32	129.09	NA
Apparent consumption ^{2,3}	22.6	22.4	24.8

¹Annualized data.

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

³Calculated as domestic sold or used plus imports.