

Mineral Industry Surveys

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MARKETABLE PHOSPHATE ROCK SEPTEMBER 2025

U.S. marketable phosphate rock production in September was 1.45 million metric tons (Mt), 11% lower than that in August and 12% lower than that in September 2024 (table 1). Total production in January through September was 14.6 Mt, compared with the revised amount of 14.7 Mt in the same period of 2024.

Phosphate rock sold or used in the United States in September was 1.56 Mt, the same as the revised amount in August and 3% lower than that in September 2024. Total sold or used in January through September was 13.2 Mt, 7% lower than that in same period of 2024. U.S. producer stocks in September were 8.41 Mt, compared with the revised amount of 8.55 Mt in August and 15% lower than those in September 2024 (table 1).

Imports of phosphate rock in September were 337,000 metric tons, 68% higher than those in August and double those in September 2024 (table 2). Total imports in January through September were 2.58 Mt, 3% higher 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 21.1 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 a superscript "e" and "r", respectively].

Period	Marketable production	Sold or used	Stocks, end of period ¹
2024^e			
January–September	14,700 ^r	14,400	9,900 ^r
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	1,460	7,070
February	1,450	1,500	7,020
March	1,570	1,550	7,030
April	1,690	1,340	7,390
May	1,970	1,470	7,890
June	1,620	1,340	8,170
July	1,750	1,450	8,480
August	1,630	1,560 ^r	8,550 ^r
September	1,450	1,560	8,410
January–September	14,600	13,200	8,410

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–September	2,500	333,000
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
June	321	34,900
July	276	28,800
August	201	22,300
September	337	36,600
January–September	2,580	283,000

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. Estimated data and revised data are marked with a superscript "e" and "r", respectively. NA, not available. Imports for consumption, source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Product	2023	2024	2025 ¹
Marketable production ^e	19.6	19.3	19.5
Sold or used by producers ^e	20.0	19.0	17.7
Yearend stocks ^e	9.6	9.9	8.4
Imports for consumption	2.6	3.4	3.4 ^e
Average value per ton	147 ^r	129 ^r	NA
Apparent consumption^{e, 2, 3}	22.6	22.4	21.1

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.