

Mineral Industry Surveys

For information, contact:

Stephen M. Jasinski, Phosphate Rock Commodity Specialist
National Minerals Information Center
Telephone: (703) 648-7711
Email: sjasinsk@usgs.gov

Joseph J. Kohler (Data)
Telephone: (703) 648-7954
Email: jkohler@usgs.gov
Internet: <https://www.usgs.gov/centers/national-minerals-information-center/mineral-industry-surveys>

MARKETABLE PHOSPHATE ROCK AUGUST 2025

U.S. marketable phosphate rock production in August was 1.63 million metric tons (Mt), 7% lower than that in July and in August 2024 (table 1). Total production in January through August was 13.2 Mt, compared with the revised amount of 13.1 Mt in the same period of 2024.

Phosphate rock sold or used in the United States in August was 1.58 Mt, 9% higher than that in July and 4% lower than that in August 2024. Total sold or used in January through August was 11.7 Mt, 8% lower than that in same period of 2024. U.S. producer stocks in August were 8.53 Mt, compared with 8.48 Mt in July and 14% lower than those in in August 2024 (table 1).

Imports of phosphate rock in August were 201,000 metric tons, 27% lower than those in July and 34% lower than those in August 2024 (table 2). Total imports in January through August were 2.24 Mt, 4% 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 21.0 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 period¹
2024^e			
January–August	13,100 ^r	12,800	9,870 ^r
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	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	1,580	8,530
January–August	13,200	11,700	8,530

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	Value¹
2024		
January–August	2,340	311,000
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
June	321	34,900
July	276	28,800
August	201	22,300
January–August	2,240	246,000

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 are marked with a superscript "e." 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	19.8
Sold or used by producers ^e	20.0	19.0	17.6
Yearend stocks ^e	9.6	9.9	8.5
Imports for consumption	2.6	3.4	3.4
Average value per ton	147.32	129.09	NA
Apparent consumption ^{e, 2, 3}	22.6	22.4	21.0

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.