

# Mineral Industry Surveys

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## MARKETABLE PHOSPHATE ROCK JANUARY 2024

U.S. marketable phosphate rock production in January 2024 was estimated to be 1.57 million metric tons (Mt), which was unchanged from the revised amount in December 2023 and 6% lower than the revised amount in January 2023 (table 1).

Phosphate rock sold or used in the United States in January 2024 was estimated to be 1.69 Mt, which was 15% higher than the revised amount in December 2023 and 6% lower than the revised amount in January 2023. U.S. producer stocks in January 2023 were estimated to be 9.47 Mt, which were essentially unchanged from the revised amount in December 2023 and 6% lower than the revised amount in January 2023 (table 1).

Imports of phosphate rock in January 2024 were 346,000 metric tons, which were 3.5 times greater than those in

December 2023 and 32% higher than those in January 2023 (table 2). 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 2024, using annualized data, was 24.0 Mt, compared with 22.6 Mt in 2023 (table 3).

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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 metric tons. Estimated data are marked with a superscript "e"; Revised data are marked with a superscript "r"].

Period	Marketable production	Sold or Used	Stocks, end of period <sup>1</sup>
2023 <sup>e</sup>			
January	1,670 <sup>r</sup>	1,790 <sup>r</sup>	10,000 <sup>r</sup>
February	1,330 <sup>r</sup>	1,860 <sup>r</sup>	9,330 <sup>r</sup>
March	1,540 <sup>r</sup>	1,810 <sup>r</sup>	9,060 <sup>r</sup>
April	1,490 <sup>r</sup>	1,720 <sup>r</sup>	8,830 <sup>r</sup>
May	1,850 <sup>r</sup>	1,700 <sup>r</sup>	8,980 <sup>r</sup>
June	1,680	1,530	9,140 <sup>r</sup>
July	1,980	1,640	9,490 <sup>r</sup>
August	1,730	1,650	9,570 <sup>r</sup>
September	1,580	1,410	9,740 <sup>r</sup>
October	1,540 <sup>r</sup>	1,650 <sup>r</sup>	9,630 <sup>r</sup>
November	1,640 <sup>r</sup>	1,800 <sup>r</sup>	9,480 <sup>r</sup>
December	1,580 <sup>r</sup>	1,470 <sup>r</sup>	9,590 <sup>r</sup>
<b>January–December</b>	19,600 <sup>r</sup>	20,000 <sup>r</sup>	9,590 <sup>r</sup>
2024 <sup>e</sup>			
January	1,570	1,690	9,470

<sup>1</sup>Includes 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. Data are in thousand metric tons and thousand dollars. Source: U.S. Census Bureau]

<b>Period</b>	<b>Quantity</b>	<b>Value<sup>1</sup></b>
<b>2023</b>		
January	263	49,150
February	210	37,656
March	240	40,976
April	208	35,027
May	203	31,886
June	183	31,447
July	274	30,345
August	161	18,256
September	333	40,209
October	320	40,863
November	101	13,269
December	98	13,004
<b>January–December</b>	<b>2,594</b>	<b>382,088</b>
<b>2024</b>		
January	346	48,963

<sup>1</sup>Cost, 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 thousand metric tons and value is in thousand dollars. NA, not available; estimated data are marked with a superscript "e."  
Source: U.S. Census Bureau].

Product	2022	2023	2024 <sup>e, 1</sup>
Marketable production	19.8 <sup>e</sup>	19.6 <sup>e</sup>	19.6
Sold or used by producers	19.8 <sup>e</sup>	20.0 <sup>e</sup>	19.9
Yearend stocks	10.6 <sup>e</sup>	9.6 <sup>e</sup>	9.6
Imports for consumption	2.5	2.6	4.1
Average value per ton	136.00	147.32	NA
Apparent consumption <sup>2, 3</sup>	22.3 <sup>e</sup>	22.6 <sup>e</sup>	24.0

<sup>1</sup>Annualized data.

<sup>2</sup>Data may not add to totals shown because of independent rounding.

<sup>3</sup>Calculated as domestic sold or used plus imports.