

# Mineral Industry Surveys

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## MARKETABLE PHOSPHATE ROCK IN DECEMBER 2013

U.S. marketable phosphate rock production in December was 2.36 million metric tons (Mt), which was 3% less than that in November and slightly less than that in December 2012. Total production in calendar year 2013 was 31.2 Mt, which was 4% more than that in 2012.

Phosphate rock used in the United States in December was 2.2 Mt, which was 4% less than that in November and 10% less than that in December 2012. Total phosphate rock used in calendar year 2013 was 28.6 Mt, which was 5% more than in 2012. U.S. producer stocks were 3% more than those at the end

of November and 27% more than those at the end of December 2012.

The U.S. Census Bureau does not report some of the phosphate rock import data from Morocco, which is the major supplier to the United States. Therefore, annual imports of phosphate rock were estimated based on reported data from Census and PIERS.

Estimated apparent consumption for 2013 was 31.2 Mt, compared with 30.4 Mt in 2012.

TABLE 1  
U.S. PHOSPHATE ROCK STATISTICS<sup>1</sup>

(Thousand metric tons)

Period	Marketable production	Used	Stocks, end of period <sup>2</sup>
2012:			
January–December	30,100	27,300 <sup>r</sup>	6,700
December	2,380	2,460	6,700
2013:			
January	2,590	2,310	6,900
February	2,440	2,120	7,170
March	2,830	2,410	7,780
April	2,790	2,510	7,820
May	3,000	2,460	8,180
June	2,650	2,480	8,350
July	2,580	2,480	8,250
August	2,650	2,550	8,220
September <sup>f</sup>	2,570	2,450	8,140
October <sup>f</sup>	2,270	2,310	8,060
November <sup>f</sup>	2,430	2,300	8,260
December	2,360	2,200	8,530
January–December	31,200	28,600	8,530

<sup>r</sup>Revised.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Includes inventory adjustments.

TABLE 2  
U.S. IMPORTS OF PHOSPHATE ROCK<sup>1</sup>

(Thousand metric tons and thousand dollars)

Period	Quantity	Value <sup>2</sup>
2012:		
January–December <sup>f</sup>	2,660	383,000
December	176	26,700
Total year <sup>3</sup>	3,080	444,000
2013:		
January	106	13,400
February	176 <sup>r</sup>	30,500
March	113	17,400
April	232	32,300
May	182	22,600
June	173	17,200
July	223	28,000
August	233	24,500
September	177	24,500
October	243	30,200
November	113	11,500
December	227	25,200
January–December	2,200	277,000
Total year <sup>3</sup>	2,560	323,000

<sup>r</sup>Revised.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Cost, insurance, and freight values at U.S. ports.

<sup>3</sup>Includes an estimate for data not reported by the U.S. Census Bureau.

Source: U.S. Census Bureau; some data on phosphate rock imports from Morocco were not reported by Census.

TABLE 3  
COMPARATIVE U.S. PHOSPHATE ROCK STATISTICS

(Million metric tons, unless otherwise specified)

	2011	2012	2013
Marketable production	28.1	30.1	31.2
Used by producers	28.6	27.3	28.6
Yearend stocks	4.6	6.7	8.5
Imports for consumption <sup>e</sup>	3.4	3.1	2.6
Average value per ton	\$116.88	\$144.04	\$126.15
Apparent consumption <sup>e, 1, 2</sup>	32.0	30.4	31.2

<sup>e</sup>Estimated.

<sup>1</sup>Data may not add to totals shown because of independent rounding.

<sup>2</sup>Calculated as domestic sold or used plus imports.