



Mineral Industry Surveys

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MARKETABLE PHOSPHATE ROCK IN AUGUST 2012

U.S. marketable phosphate rock production in August was 3.0 million metric tons (Mt), which was 13% more than that in July and 19% more than that in August 2011. Total phosphate rock production for January through August was 20.0 Mt, which was 6% more than that in the same period in 2011.

Phosphate rock used in the United States in August was 2.48 Mt, which was 4% more than that in July and slightly more than that in August 2011. Total phosphate rock used in January through August was 17.9 Mt, which was 6% less than that in the same period in 2011. U.S. producer stocks were 6% higher than

those at the end of end of July and 24% higher than those at the end of August 2011.

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, imports of phosphate rock were estimated based on reported data from Census and PIERS.

Estimated apparent consumption, based on annualized data, for 2012 was 29.9 Mt.

TABLE 1
U.S. PHOSPHATE ROCK STATISTICS¹

(Thousand metric tons)

Period	Marketable production	Used	Stocks, end of period ²
2011:			
January–August	18,900	19,100	4,840
August	2,520	2,460	4,840
September	2,290	2,430	4,550
October	2,250	2,310	4,400
November	2,320	2,330	4,220
December	2,310	2,290	4,360
January–December	28,100	28,500	4,360
2012:			
January	2,080	2,170	4,310
February	2,020	2,040	4,560
March	2,360	2,380	4,650
April	2,480	2,210	4,790
May	2,830	2,110	5,320
June	2,610	2,150	5,570
July ^f	2,650	2,380	5,640
August	3,000	2,480	5,980
January–August	20,000	17,900	5,980

^fRevised.

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

²Includes inventory adjustments.

TABLE 2
U.S. IMPORTS OF PHOSPHATE ROCK¹

(Thousand metric tons and thousand dollars)

Period	Quantity	Value ²
2011:		
January–August	1,640	228,000
August	158	24,300
September	423	66,300
October	230	34,400
November	316	52,900
December	175	29,100
January–December	2,780	408,000
Total year ³	3,350	492,000
2012:		
January	275	43,800
February	214	29,900
March	312	43,600
April	115	18,000
May	301	40,000
June	166	22,300
July	184	28,700
August	105	14,800
January–August	1,670	241,000

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

²Cost, insurance, and freight values at U.S. ports.

³Includes 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)

	2010	2011	2012 ^{e,1}
Marketable production	25.8	28.1	30.1
Used by producers	28.1	28.5	26.9
Yearend stocks	5.6	4.4	6.0
Imports for consumption ^e	2.4	3.3	3.0
Average value per ton	\$87.79	\$146.73	NA
Apparent consumption ^{e,2,3}	30.5	31.8	29.9

^eEstimated. NA Not available.

¹Annualized data.

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

³Calculated as domestic sold or used plus imports.