

Mineral Industry Surveys

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MARKETABLE PHOSPHATE ROCK IN AUGUST 2009

U.S. marketable phosphate rock production in August was 2.7 million metric tons (Mt), which was 9% higher than that in July and 2% lower than that in August 2008, according to the U.S. Geological Survey. Production for January through August was 13% lower than that in the same period of 2008.

Phosphate rock used in the United States in August was 2.43 Mt, which was 7% higher than that in July and 10% lower than that in August 2008. Total phosphate rock used in January through August was 23% lower than that in the same period of 2008. There have been no reported sales of phosphate rock by domestic producers since late 2006 because all phosphate rock is used internally by domestic producers to manufacture phosphoric acid or elemental phosphorus. U.S. producer stocks

were 3% higher than those in July and 74% higher than those in August 2008.

Imports of phosphate rock were estimated based on U.S. Census Bureau figures and export data provided by the Moroccan producer. Morocco supplies more than 99% of the phosphate rock imported into the United States; however, the U.S. Census Bureau suppresses some of the phosphate rock data from Morocco.

Apparent consumption of phosphate rock in 2008 was 31.7 Mt. Estimated annualized apparent consumption for 2009 was 25.7 Mt.

TABLE 1
U.S. PHOSPHATE ROCK STATISTICS¹

(Thousand metric tons)

Period	Marketable production	Sold and/or used	Ending stocks ²
2008:			
January-August	20,500	20,700	XX
August	2,760	2,710	4,610
September	2,700	2,600	4,710
October	2,580	2,490	4,800
November	2,170	1,710	5,260
December	1,990	1,410	5,840
January-December	30,000	28,900	XX
2009:			
January	2,020	1,040	6,830
February	1,990	1,690	7,140
March	2,110	2,310	6,930
April	2,180	2,300	6,810
May	2,420	2,070	7,150
June	2,200	1,820	7,530
July	2,480	2,280	7,730
August	2,700	2,430	8,000
Total	18,100	15,900	XX

XX Not applicable.

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
2008:		
January-July	1,170	106,000
July	125	8,240
August	149	7,650
September	189	11,600
October	100	21,300
November	30	1,450
December	220	30,900
January-December	1,850	179,000
Total year ³	2,750	266,000
2009: ⁴		
January	145	16,000
February	62	3,520
March	182	29,100
April	150	9,460
May	68	3,830
June	62	3,180
July	88	5,780
Total	757	70,900

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 suppressed by the U.S. Census Bureau.

⁴Data for the current month not available at time of publication.

Source: U.S. Census Bureau; data on the majority of phosphate rock imports from Morocco were suppressed by Census.

TABLE 3
COMPARATIVE U.S. PHOSPHATE ROCK STATISTICS

(Million metric tons, unless otherwise specified)

	2007	2008	2009 ^{e, 1}
Marketable production	29.7	30.0	27.2
Sold or used by producers	31.1	28.9	23.9
Yearend stocks	5.0	5.8	8.0
Imports for consumption ^e	2.7	2.8	1.8
Average value per ton	\$57.54	\$96.45	NA
Apparent consumption ^{e, 2, 3}	33.8	31.7	25.7

^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.