

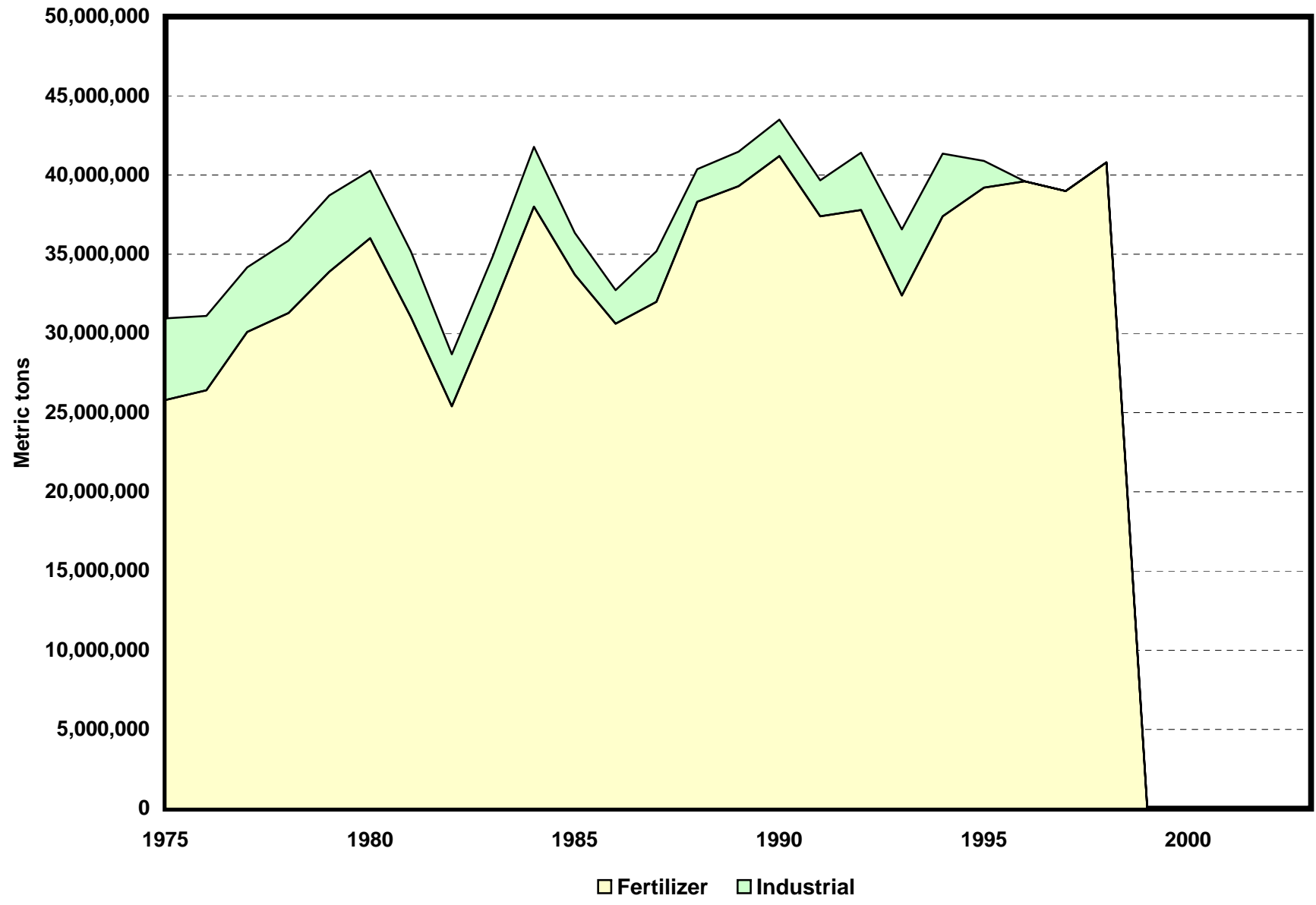
PHOSPHATE ROCK END-USE STATISTICS¹
U.S. GEOLOGICAL SURVEY
 [Metric tons]

Last modification: September 15, 2005

Year	Fertilizer	Industrial	Undistributed	Total	Net trade	Apparent consumption
1975	25,800,000	5,150,000	11,100,000	42,100,000	-11,100,000	31,000,000
1976	26,400,000	4,710,000	9,430,000	40,500,000	-9,390,000	31,100,000
1977	30,100,000	4,080,000	13,200,000	47,400,000	-13,000,000	34,400,000
1978	31,300,000	4,570,000	12,900,000	48,800,000	-12,000,000	36,800,000
1979	33,900,000	4,800,000	14,400,000	53,100,000	-13,500,000	39,600,000
1980	36,000,000	4,270,000	14,300,000	54,600,000	-13,800,000	40,800,000
1981	31,000,000	4,140,000	10,400,000	45,500,000	-10,400,000	35,100,000
1982	25,400,000	3,280,000	9,840,000	38,600,000	-9,810,000	28,800,000
1983	31,500,000	3,350,000	12,000,000	46,800,000	-12,000,000	34,800,000
1984	38,000,000	3,770,000	11,500,000	53,300,000	-11,500,000	41,800,000
1985	33,700,000	2,640,000	9,140,000	46,600,000	-9,110,000	37,500,000
1986	30,600,000	2,140,000	7,850,000	41,800,000	-7,320,000	34,500,000
1987	32,000,000	3,180,000	8,450,000	43,700,000	-7,990,000	35,700,000
1988	38,300,000	2,080,000	8,090,000	48,400,000	-7,410,000	41,000,000
1989	39,300,000	2,160,000	7,840,000	49,300,000	-7,140,000	42,100,000
1990	41,200,000	2,290,000	6,240,000	49,800,000	-5,790,000	44,000,000
1991	37,400,000	2,260,000	5,080,000	44,700,000	-4,530,000	40,200,000
1992	37,800,000	3,600,000	3,720,000	45,100,000	-2,190,000	42,900,000
1993	32,400,000	4,150,000	3,200,000	40,100,000	-2,670,000	37,400,000
1994	37,400,000	3,940,000	2,800,000	43,900,000	-1,000,000	42,900,000
1995	39,200,000	1,680,000	2,760,000	43,700,000	-960,000	42,700,000
1996	39,600,000	W	W	43,500,000	230,000	43,700,000
1997	39,000,000	W	W	42,100,000	1,500,000	43,600,000
1998	40,800,000	W	W	43,700,000	1,380,000	45,000,000
1999	W	W	272,000	41,600,000	1,900,000	43,500,000
2000	W	W	299,000	37,400,000	1,630,000	39,000,000
2001	W	W	9,000	32,800,000	2,490,000	35,300,000
2002	W	W	62,000	34,700,000	2,640,000	37,400,000
2003	W	W	64,000	36,400,000	2,340,000	38,800,000

¹Compiled by G.R. Matos and S.M. Jasinski.

End Uses of Phosphate Rock



Phosphate Rock End-Use Worksheet Notes

Data Source

The source of data for the phosphate rock end-use worksheet is the Minerals Yearbook, an annual collection, compilation, and analysis of mineral industry data, published by the U.S. Bureau of Mines and the U.S. Geological Survey.

End Use

End use is defined as the use of the mineral commodity in a particular industrial sector or product. For phosphate rock, end-use data are collected from a semiannual canvass of domestic producers. It is reported as sold or used by producers and grouped by fertilizer and industrial uses.

Individual subcategories of the two end uses, which are listed below, are withheld to protect company proprietary data. Since 1996, end-use data have been reported by total only, in order to protect company proprietary data. The undistributed category represents uncategorized exports of phosphate rock reported by individual producers. U.S. Census Bureau withholds a significant portion of phosphate rock import tonnage and value from Morocco. To compensate for the withheld data, import data were estimated using export data provided by the Moroccan phosphate rock producer, which accounted for more than 99 percent of the phosphate rock shipped to the United States.

The fertilizer category includes wet-process phosphoric acid, normal superphosphate, triple superphosphate, defluorinated rock, and direct applications of phosphate rock. The industrial category includes elemental phosphorus and ferrophosphorus. The net trade added to the reported total sold or used data by producers equals the calculated apparent consumption.

W in the spreadsheet indicates data were withheld to avoid disclosing company proprietary data. Data are rounded to no more than three significant digits; data may not add to totals shown.

References

U.S. Bureau of Mines, 1977–96, Minerals Yearbook, v. I, 1975–94.

U.S. Geological Survey, 1997–2005, Minerals Yearbook, v. I, 1995–2003.

Recommended Citation Format:

(1) If taken from CD version:

U.S. Geological Survey, [year of last update, e.g., 2005], [Mineral commodity, e.g., Gold] statistics, *in* Kelly, T.D., and Matos, G.R., comps., Historical statistics for mineral and material commodities in the United States: U.S. Geological Survey Data Series 140, one CD-ROM. (Also available online at <http://pubs.usgs.gov/ds/2005/140/>.)

(2) If taken from online version:

U.S. Geological Survey, [year of last update, e.g., 2005], [Mineral commodity, e.g., Gold] statistics, *in* Kelly, T.D., and Matos, G.R., comps., Historical statistics for mineral and material commodities in the United States: U.S. Geological Survey Data Series 140, available online at <http://pubs.usgs.gov/ds/2005/140/>. (Accessed [date].)

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