

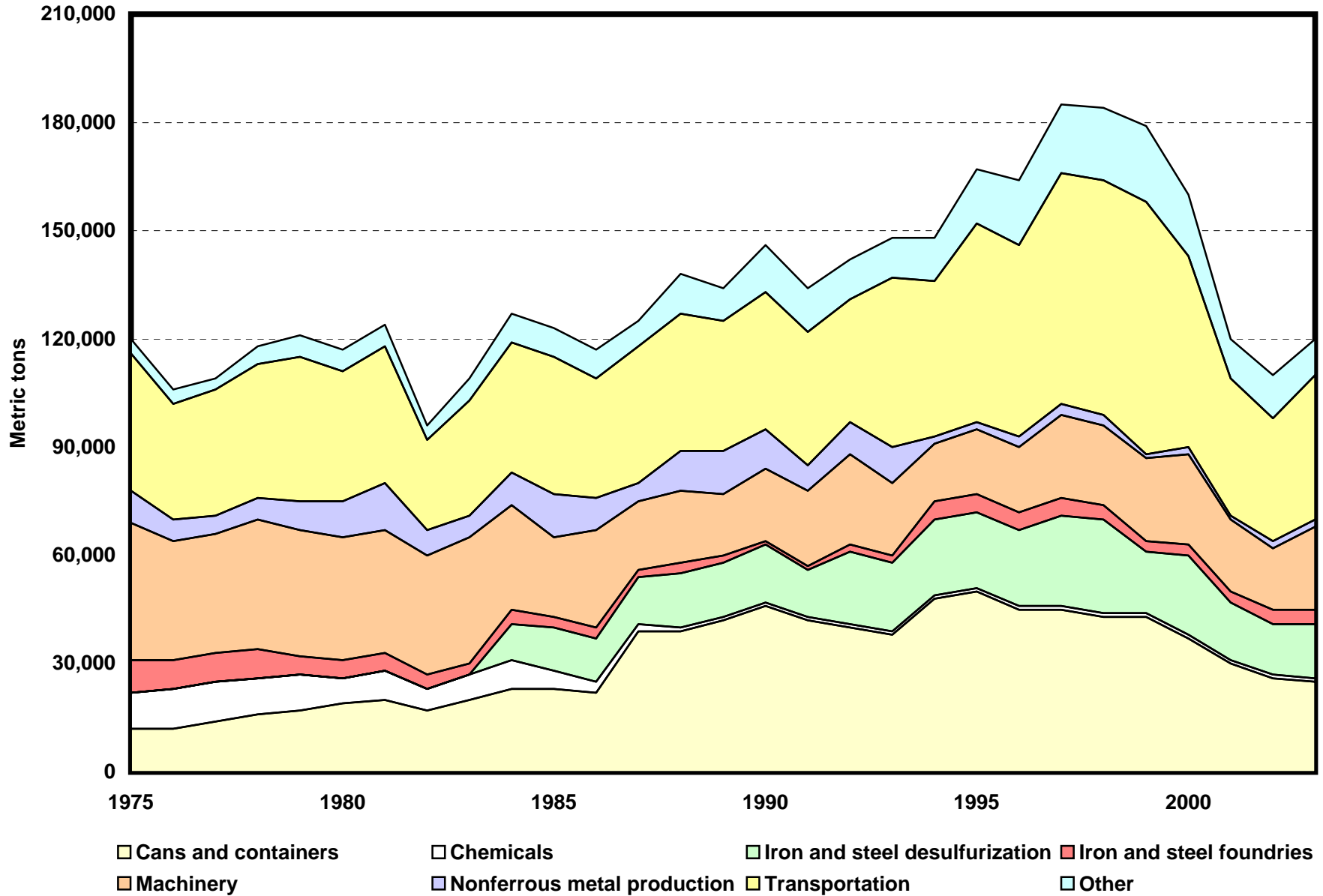
MAGNESIUM METAL END-USE STATISTICS¹
U.S. GEOLOGICAL SURVEY
[Metric tons]

Last modification: September 15, 2005

Year	Cans and containers	Chemicals	Iron and steel desulfurization	Iron and steel foundries	Machinery	Nonferrous metal production	Transportation	Other	Apparent consumption
1975	12,000	10,000		9,000	38,000	9,000	38,000	4,000	120,000
1976	12,000	11,000		8,000	33,000	6,000	32,000	4,000	106,000
1977	14,000	11,000		8,000	33,000	5,000	35,000	3,000	109,000
1978	16,000	10,000		8,000	36,000	6,000	37,000	5,000	118,000
1979	17,000	10,000		5,000	35,000	8,000	40,000	6,000	121,000
1980	19,000	7,000		5,000	34,000	10,000	36,000	6,000	117,000
1981	20,000	8,000		5,000	34,000	13,000	38,000	6,000	124,000
1982	17,000	6,000		4,000	33,000	7,000	25,000	4,000	96,000
1983	20,000	7,000		3,000	35,000	6,000	32,000	6,000	109,000
1984	23,000	8,000	10,000	4,000	29,000	9,000	36,000	8,000	127,000
1985	23,000	5,000	12,000	3,000	22,000	12,000	38,000	8,000	123,000
1986	22,000	3,000	12,000	3,000	27,000	9,000	33,000	8,000	117,000
1987	39,000	2,000	13,000	2,000	19,000	5,000	38,000	7,000	125,000
1988	39,000	1,000	15,000	3,000	20,000	11,000	38,000	11,000	138,000
1989	42,000	1,000	15,000	2,000	17,000	12,000	36,000	9,000	134,000
1990	46,000	1,000	16,000	1,000	20,000	11,000	38,000	13,000	146,000
1991	42,000	1,000	13,000	1,000	21,000	7,000	37,000	12,000	134,000
1992	40,000	1,000	20,000	2,000	25,000	9,000	34,000	11,000	142,000
1993	38,000	1,000	19,000	2,000	20,000	10,000	47,000	11,000	148,000
1994	48,000	1,000	21,000	5,000	16,000	2,000	43,000	12,000	148,000
1995	50,000	1,000	21,000	5,000	18,000	2,000	55,000	15,000	167,000
1996	45,000	1,000	21,000	5,000	18,000	3,000	53,000	18,000	164,000
1997	45,000	1,000	25,000	5,000	23,000	3,000	64,000	19,000	185,000
1998	43,000	1,000	26,000	4,000	22,000	3,000	65,000	20,000	184,000
1999	43,000	1,000	17,000	3,000	23,000	1,000	70,000	21,000	179,000
2000	37,000	1,000	22,000	3,000	25,000	2,000	53,000	17,000	160,000
2001	30,000	1,000	16,000	3,000	20,000	1,000	38,000	11,000	120,000
2002	26,000	1,000	14,000	4,000	17,000	2,000	34,000	12,000	110,000
2003	25,000	1,000	15,000	4,000	23,000	2,000	40,000	10,000	120,000

¹Compiled by G.R. Matos and D.A. Kramer.

End Uses of Magnesium Metal



Magnesium Metal End-Use Worksheet Notes

Data Sources

The sources of data for the magnesium metal end-use worksheet are Circular 1196-E, Magnesium Recycling in the United States in 1998, U.S. Geological Survey; and Mineral Facts and Problems, a U.S. Bureau of Mines publication.

End Use

End use is defined as the use of the commodity into a particular industrial sector or product. End-use estimates are derived by applying the reported percentages of end-use consumption to the calculated U.S. apparent consumption; actual consumption may be greater. For magnesium metal, end-use categories are cans and containers; chemicals; iron and steel desulfurization; iron and steel foundries; machinery; nonferrous metal production; transportation; and other industrial uses.

For the years 1975–78, end-use data were from the Mineral Facts and Problems. For 1979–98, data were from Circular 1196-E. For 1999–2003, data were unpublished.

Blank cells in the spreadsheet indicate that data were not available. Data are rounded to no more than three significant digits; data may not add to totals shown.

References

Kramer, D.A., 2002, Magnesium recycling in the United States in 1998: U.S. Geological Survey Circular 1196-E, 12 p. (Also available online at <http://pubs.usgs.gov/circ/2004/1196am/c1196a-m.pdf>.)

U.S. Bureau of Mines, 1985, Mineral Facts and Problems, 1985 ed.: U.S. Bureau of Mines Bulletin 675.

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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