

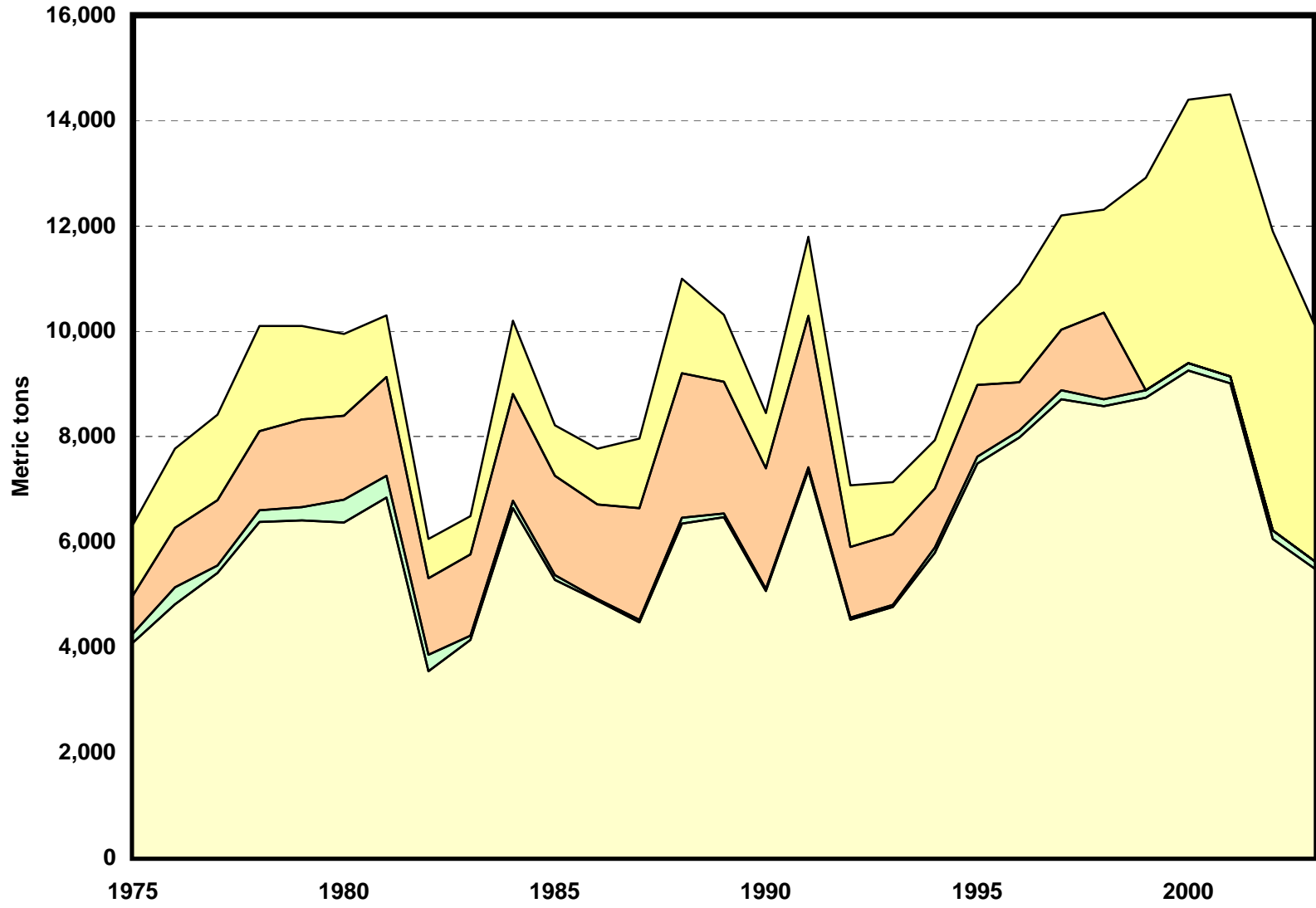
TUNGSTEN END-USE STATISTICS¹
U.S. GEOLOGICAL SURVEY
 [Metric tons of tungsten content]
 Last modification: September 1, 2005

Year	Cemented carbides	Chemical uses	Mill products	Steels and other alloys	Apparent consumption
1975	4,090	166	732	1,340	6,330
1976	4,810	329	1,130	1,500	7,770
1977	5,410	143	1,240	1,620	8,400
1978	6,380	217	1,500	2,000	10,100
1979	6,410	250	1,660	1,780	10,100
1980	6,370	428	1,600	1,550	9,940
1981	6,840	413	1,880	1,170	10,300
1982	3,540	315	1,450	745	6,050
1983	4,140	73	1,550	728	6,480
1984	6,640	139	2,030	1,390	10,200
1985	5,280	86	1,890	954	8,210
1986	4,880	30	1,800	1,060	7,770
1987	4,470	45	2,120	1,320	7,950
1988	6,350	111	2,740	1,800	11,000
1989	6,470	67	2,500	1,270	10,300
1990	5,060	49	2,290	1,040	8,440
1991	7,350	65	2,870	1,510	11,800
1992	4,520	42	1,340	1,170	7,080
1993	4,760	37	1,350	981	7,120
1994	5,790	99	1,120	917	7,930
1995	7,490	130	1,360	1,120	10,100
1996	7,980	129	918	1,880	10,900
1997	8,710	171	1,150	2,170	12,200
1998	8,580	125	1,650	1,950	12,300
1999	8,740	137	²	4,030	12,900
2000	9,250	138	²	5,010	14,400
2001	9,010	128	²	5,360	14,500
2002	6,050	167	²	5,680	11,900
2003	5,490	136	²	4,480	10,100

¹Compiled by G.R. Matos, and K.B. Shedd.

²Included with steels and other alloys.

End Uses of Tungsten



□ Cemented carbides □ Chemical uses □ Mill products □ Steels and other alloys

Tungsten End-Use Worksheet Notes

Data Source

The source of data for the tungsten 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. End-use estimates are derived by applying calculated percentages of end-use consumption to the calculated U.S. apparent consumption; actual consumption may be greater or less. For tungsten, end-use categories are cemented carbides, chemical uses, mill products, and steels and other alloys.

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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