

ASBESTOS STATISTICS

By David A. Buckingham and Robert L. Virta

[All values are in metric tons (t) unless otherwise noted]

Last modification: April 14, 2004

Year	Production	Imports	Exports	Apparent consumption	Unit value \$/t	Unit value 98\$/t	World production
1900	956			956	17.10	340	20,600
1901	678			678	19.90	390	30,500
1902	912			912	17.80	340	28,400
1903	805			805	20.80	380	34,300
1904	1,340			1,340	19.20	350	41,100
1905	2,820			2,820	15.20	280	56,000
1906	1,540			1,540	18.60	340	64,700
1907	592			592	20.10	350	66,300
1908	849			849	23.10	420	14,100
1909	2,800			2,800	22.40	410	73,600
1910	3,350	43,100		46,400	20.40	360	84,700
1911	6,900	51,800		58,700	17.40	310	114,000
1912	3,990	64,900		68,900	22.00	370	117,000
1913	998	88,100		89,100	12.20	201	145,000
1914	1,130	65,200		66,300	18.50	302	106,000
1915	1,570	84,900		86,500	49.00	791	117,000
1916	1,490	105,000	283	107,000	149	2,228	142,000
1917	1,780	122,000	642	123,000	210	2,674	141,000
1918	905	125,000	632	125,000	144	1,554	144,000
1919	1,050	123,000	1,020	123,000	260	2,450	181,000
1920	1,500	152,000	558	153,000	454	3,700	193,000
1921	754	65,700	472	66,000	447	4,070	91,100
1922	61	136,000	341	135,000	166	1,611	136,000
1923	206	193,000	617	192,000	46.70	445	201,000
1924	272	166,000	1,150	165,000	156	1,487	198,000
1925	1,140	209,000	1,010	209,000	45.30	422	312,000
1926	1,230	234,000	1,000	234,000	109	1,004	329,000
1927	2,700	203,000	280	205,000	125	1,171	342,000
1928	2,030	209,000	771	210,000	173	1,649	354,000
1929	2,860	238,000	643	240,000	123	1,172	400,000
1930	3,850	189,000	699	192,000	75.20	734	339,000
1931	2,930	124,000	1,560	125,000	40.60	440	235,000
1932	3,230	87,800	1,550	89,500	32.60	390	186,000
1933	4,310	108,000	1,250	112,000	30.40	380	249,000
1934	4,620	109,000	1,510	112,000	34.30	420	271,000
1935	8,090	151,000	771	158,000	36.20	430	337,000
1936	10,000	221,000	3,400	228,000	32.30	380	460,000
1937	11,000	279,000	2,730	287,000	31.50	360	556,000
1938	9,470	163,000	2,520	170,000	26.10	300	413,000
1939	14,000	220,000	2,240	232,000	36.60	430	425,000
1940	18,200	226,000	4,060	238,000	37.10	430	428,000
1941	22,100	380,000	4,400	398,000	32.80	360	528,000
1942	14,000	380,000	702	394,000	35.50	360	509,000
1943	5,460	399,000	333	405,000	61.40	580	575,000
1944	6,050	347,000	431	353,000	62.90	580	546,000
1945	11,100	340,000	7,760	343,000	40.20	360	573,000
1946	12,800	413,000	9,990	416,000	39.50	330	680,000
1947	21,800	540,000	2,430	559,000	42.10	310	816,000
1948	33,600	588,000	8,370	613,000	53.70	360	930,000
1949	39,400	462,000	18,200	483,000	66.40	450	884,000
1950	38,500	640,000	19,000	660,000	76.00	510	1,290,000

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1951	46,900	691,000	15,000	723,000	83.50	520	1,420,000
1952	48,900	644,000	9,730	683,000	96.50	590	1,420,000
1953	49,400	628,000	2,790	675,000	98.30	600	1,420,000
1954	43,200	615,000	1,720	657,000	109	660	1,510,000
1955	40,400	671,000	2,530	709,000	111	675	1,770,000
1956	37,500	625,000	2,680	660,000	127	761	1,810,000
1957	39,600	620,000	2,620	656,000	124	719	1,890,000
1958	39,900	584,000	2,750	622,000	129	728	1,860,000
1959	41,200	647,000	4,050	684,000	106	594	2,050,000
1960	41,000	607,000	5,010	643,000	103	567	2,210,000
1961	47,900	560,000	3,450	604,000	90.70	490	2,510,000
1962	48,300	613,000	3,580	659,000	96.90	520	2,410,000
1963	60,200	606,000	9,070	657,000	84.80	450	2,510,000
1964	91,700	670,000	24,500	738,000	88.80	470	2,770,000
1965	107,000	653,000	39,000	721,000	94.70	490	2,810,000
1966	114,000	659,000	42,600	731,000	96.80	490	2,970,000
1967	112,000	585,000	43,300	654,000	99.30	480	2,910,000
1968	109,000	669,000	37,400	741,000	95.00	440	3,010,000
1969	114,000	630,000	32,800	712,000	93.20	410	3,270,000
1970	114,000	589,000	42,600	665,000	94.10	400	3,490,000
1971	119,000	618,000	49,000	699,000	103	414	3,580,000
1972	120,000	668,000	53,500	747,000	112	437	3,780,000
1973	136,000	718,000	59,900	803,000	120	441	4,190,000
1974	99,000	695,000	56,000	767,000	139	460	4,160,000
1975	89,500	489,000	33,100	551,000	159	482	4,140,000
1976	105,000	597,000	42,600	659,000	226	647	4,770,000
1977	92,256	551,000	34,900	609,000	274	737	4,790,000
1978	93,100	570,000	41,800	619,000	301	753	4,690,000
1979	93,400	513,000	43,300	561,000	310	696	4,760,000
1980	80,100	327,000	48,700	359,000	382	756	4,700,000
1981	75,600	338,000	64,400	349,000	406	728	4,350,000
1982	63,500	242,000	58,800	247,000	392	662	4,560,000
1983	69,900	196,000	54,600	217,000	399	653	4,430,000
1984	57,400	210,000	39,900	226,000	422	662	4,310,000
1985	57,500	142,000	45,700	162,000	357	541	4,250,000
1986	51,400	108,000	47,300	120,000	338	503	4,030,000
1987	50,600	93,800	60,100	84,300	340	488	4,240,000
1988	18,200	85,300	31,500	71,400	252	347	4,320,000
1989	17,400	55,300	27,000	55,300	254	334	4,240,000
1990	18,500	41,300	28,000	41,300	262	327	4,010,000
1991	20,100	34,800	26,000	34,800	383	458	3,530,000
1992	15,600	31,600	25,000	32,800	394	458	3,350,000
1993	13,700	30,800	27,600	31,600	435	491	2,520,000
1994	10,100	25,800	17,500	26,800	507	558	2,250,000
1995	9,290	21,900	14,600	22,000	220	235	2,180,000
1996	9,550	21,600	15,400	21,700	226	235	2,100,000
1997	6,890	20,900	20,300	21,000	223	226	2,150,000
1998	5,760	15,800	18,100	15,800	205	205	1,980,000
1999	7,190	15,800	21,700	15,800	199	195	1,850,000
2000	5,260	14,600	18,800	14,600	172	163	2,110,000
2001	5,260	13,100	21,700	13,100	202	645	2,160,000

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2002	2,720	6,900	6,550	6,850	258	645	2,130,000

Asbestos Worksheet Notes

Data Sources

The sources of data for the asbestos worksheet are the mineral statistics publications of the U.S. Bureau of Mines and the U.S. Geological Survey—Minerals Yearbook (MYB) and its predecessor, Mineral Resources of the United States (MR); and Mineral Commodity Summaries (MCS). The years of publication and corresponding years of data coverage are listed in the References section below. Blank fields in the worksheet indicate that data are not available.

Production

Data are domestic asbestos sold or used by producers. Data are from the MR and the MYB. Data for the year 1990 are not available.

Imports

Data are for unmanufactured asbestos material imported into the United States. Data are from the MR and the MYB. Import data are not available prior to 1909.

Exports

Data are for unmanufactured asbestos material exported from the United States. Data are from the MR and the MYB. Export data are not available prior to 1916.

Apparent Consumption

Except for the year 1913, apparent consumption data were not published prior to 1915. For the years 1900–09, apparent consumption data are estimated to equal the production (sold or used) data. For the years 1910–12 and 1914, apparent consumption data are calculated with the following equation:

$$\text{APPARENT CONSUMPTION} = \text{PRODUCTION (SOLD OR USED)} + \text{IMPORTS.}$$

Apparent consumption data for the year 1913 and years 1915–2002 are from the MR and the MYB.

Unit Value (\$/t)

Unit value is defined as the value of 1 metric ton (t) of asbestos apparent consumption. Data for the years 1900–87 and 1991–94 are calculated based on the asbestos sold or used value data from the MR and MYB. Data for the years 1988–90 and 1995–2002 are calculated based on the asbestos import value data from the MYB.

Unit Value (98\$/t)

The Consumer Price Index conversion factor, with 1998 as the base year, is used to adjust unit value in current U.S. dollars to the unit value in constant 1998 U.S. dollars.

World Production

Data are world mine production of asbestos. Data for the years 1900–02 include only Canada and the United States. For the years 1904–12, data include Canada, the United States, and Russia. World asbestos mine production data are from the MR and the MYB.

References

- U.S. Bureau of Mines, 1927–34, Mineral Resources of the United States, 1924–31.
- U.S. Bureau of Mines, 1933–96, Minerals Yearbook, 1932–94.
- U.S. Geological Survey, 1901–27, Mineral Resources of the United States, 1900–23.
- U.S. Geological Survey, 1997–2002, Mineral Commodity Summaries, 1997–2002.
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