

MICA (NATURAL), SCRAP AND FLAKE STATISTICS¹

U.S. GEOLOGICAL SURVEY

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

Last modification: April 25, 2006

Year	Production	Imports	Exports	Stocks	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
1906								14,800
1907								19,600
1908								25,500
1909								29,500
1910					4,500			27,500
1911					3,770			30,600
1912		156			3,560			35,000
1913		132			5,600			40,600
1914		184			3,780			
1915		156			3,970			
1916		164			4,540			
1917		42.2			3,590			
1918		5.26			2,630			
1919					23.9			
1920					42.5			
1921		61.1			61.10			
1922		142			142			
1923	4,470	847			5,320	83.5	795	
1924	4,950	609			5,560	87.4	833	
1925	4,470	431			4,900	85.4	791	15,900
1926	4,410	63.8			4,480	69.0	633	12,100
1927	5,260	0.00			5,260	80.6	753	12,500
1928	5,600	0.068			5,600	81.1	772	18,900
1929	4,100	0.463			4,100	95.3	907	18,800
1930	6,830	1,670			8,500	51.6	505	10,100
1931	7,080	1,880			8,960	61.6	660	10,600
1932	6,990	1,230			8,220	44.5	531	10,300
1933	8,920	1,710			10,600	44.7	562	13,500
1934	7,270	3,320			10,600	55.5	676	12,000
1935	16,600	2,720			19,300	32.7	388	18,200
1936	22,900	3,590			26,500	31.5	371	23,100
1937	24,700	6,140	1,390		29,500	34.0	386	31,300
1938	24,600	4,110	1,260		27,400	37.6	435	23,300
1939	28,100	4,030	1,360		30,700	41.2	484	28,500
1940	25,400	2,890	641		27,600	40.0	466	24,600
1941	39,400	1,220	798		39,800	38.9	431	32,300
1942	42,600	2,400	655		44,400	38.8	388	45,700
1943	46,800	2,240	434		48,600	42.5	401	48,900
1944	47,800	2,430	377		49,900	40.0	371	51,500
1945	47,000	3,410	679		49,700	42.5	386	42,600
1946	56,300	6,000	1,040		61,300	44.7	372	57,300
1947	58,500	5,410	1,060		62,900	50.7	370	53,200
1948	58,600	8,960	1,030		66,600	55.1	372	60,200
1949	50,300	1,840	872		51,200	56.9	390	38,000
1950	65,500	4,250	1,160		68,600	60.0	406	71,800
1951	63,600	5,690	1,420		67,900	60.4	380	80,400
1952	67,900	6,140	1,890		72,100	63.0	387	82,200
1953	66,200	3,710	2,070		67,900	63.3	386	76,400
1954	72,600	4,310	2,750		74,100	67.4	408	89,300
1955	96,200	8,580	2,630		102,000	68.2	416	105,000
1956	82,600	6,580	4,040		85,100	75.4	452	96,700
1957	87,100	4,730	4,200		87,600	69.7	403	102,000

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1958	88,900	3,710	3,720		88,900	62.5	353	101,000
1959	97,100	4,230	4,040		97,300	58.2	325	111,000
1960	90,700	5,680	3,210		93,200	57.2	315	116,000
1961	93,400	2,750	3,210		93,000	58.5	318	
1962	103,000	4,080	3,370		104,000	62.7	337	
1963	106,000	7,410	3,290		110,000	64.1	341	
1964	105,000	2,490	3,750		104,000	65.6	345	
1965	115,000	1,360	3,540		113,000	66.1	341	
1966	93,400	1,180	4,540	13,600	93,400	66.9	336	
1967	88,000	463	6,350	2,720	99,800	65.4	319	
1968	101,000	1,450	4,990	4,540	110,000	70.2	330	
1969	113,000	1,360	4,540	2,720	120,000	71.1	316	153,000
1970	108,000	2,720	1,810	2,720	108,000	68.1	286	149,000
1971	108,000	3,630	3,630	4,540	108,000	76.7	309	156,000
1972	118,000	907	4,540	25,400	118,000	75.0	292	189,000
1973	124,000	2,720	4,540	13,600	124,000	76.1	279	249,000
1974	106,000	2,720	4,540	18,100	122,000	95.8	317	218,000
1975	104,000	4,540	4,540	8,160	103,000	89.5	271	215,000
1976	104,000	1,810	5,440	6,350	101,000	97.8	280	206,000
1977	111,000	1,810	7,260	6,350	105,000	108	289	244,000
1978	112,000	3,630	8,160	6,350	108,000	122	306	256,000
1979	111,000	7,260	10,900	9,980	107,000	137	308	236,000
1980	101,000	8,160	12,700	6,350	96,200	148	292	214,000
1981	106,000	9,980	9,980	6,350	106,000	164	295	142,000
1982	87,100	7,260	9,980	6,350	84,400	185	312	122,000
1983	118,000	6,350	9,070	6,350	115,000	159	260	237,000
1984	132,000	10,900	7,260	6,350	136,000	161	253	255,000
1985	123,000	9,070	8,160	6,350	124,000	171	259	238,000
1986	112,000	10,000	7,000	7,000	115,000	195	290	252,000
1987	113,000	10,000	5,000	7,000	118,000	198	284	288,000
1988	109,000	12,000	6,000	7,000	115,000	217	299	254,000
1989	101,000	13,000	5,000	7,000	109,000	222	292	253,000
1990	101,000	13,000	5,000	7,000	105,000	223	278	207,000
1991	75,000	11,000	4,000	7,000	84,000	231	276	192,000
1992	84,000	12,000	4,000	7,000	95,000	258	300	180,000
1993	92,000	14,000	5,000	7,000	105,000	293	331	180,000
1994	95,000	18,000	6,000	14,000	97,000	302	332	214,000
1995	98,000	22,000	7,000	13,000	112,000	253	271	242,000
1996	103,000	18,000	8,000	7,000	107,000	326	339	225,000
1997	110,000	23,200	8,130		122,000	337	342	315,000
1998	104,000	22,800	8,050		137,000	300	300	289,000
1999	111,000	25,700	11,300		125,000	329	321	278,000
2000	112,000	28,300	10,300		119,000	335	317	328,000
2001	89,000	32,300	9,300	418	121,000	316	291	369,000
2002	98,000	38,000	9,810	417	106,000	302	274	340,000
2003	94,000	35,000	10,000	404	103,000	304	269	267,000
2004	98,000	42,000	10,000	416	132,000	276	238	288,000

¹Compiled by C.A. DiFrancesco (retired) and J.B. Hedrick.

Data are calculated, estimated, or reported. See notes for more information.

Mica (Natural), Scrap and Flake Worksheet Notes

Data Sources

The sources of data for the mica (natural) scrap and flake worksheet are the mineral statistics publications of the U.S. Bureau of Mines (USBM) and the U.S. Geological Survey—Minerals Yearbook (MYB) and its predecessor, Mineral Resources of the United States (MR); Mineral Commodity Summaries (MCS) and its predecessor, Commodity Data Summaries (CDS); and USBM Information Circular 8125 (Skow, 1962) (IC 8125). The years of publication and corresponding years of data coverage are listed in the References section below. Blank cells in the worksheet indicate that data were either not available or the amount reported was less than 1 metric ton (t).

Production

Production data report the amount of ground mica sold or used by producers in the United States. Data were from the MR and the MYB. Blank cells in the worksheet indicate that data were not available for the years 1906–22.

Imports

Import data report the amount of mica powder and waste imported into the United States. Data were from the MR and the MYB. Blank cells in the worksheet indicate that data were not available for the years 1906–11. Blank cells in the worksheet for the years 1919–20 indicate that the amount reported was less than 1 t.

Exports

Export data report the amount of mica powder and waste exported from the United States. Data were from the MR and the MYB. Blank cells in the worksheet indicate that data were not available for the years 1906–36.

Stocks

Stocks data report the amount of producer and/or consumer natural scrap and flake mica held in stocks. Data for the years 1966–96 are recorded from the CDS and the MCS. Blank cells in the worksheet indicate that data were not available for the years 1900–65 and 1997–2004.

Apparent Consumption

Data for the years 1910–18 and 1966–2004 were taken from the MR and the MYB. Apparent consumption was estimated for the years 1921–65 by using the formula:

$$\text{APPARENT CONSUMPTION} = \text{PRODUCTION} + \text{IMPORTS} - \text{EXPORTS} \pm \text{STOCK CHANGES.}$$

Apparent consumption was interpolated for the years 1919–20. Blank cells in the worksheet indicate that data were not available for the years 1906–09.

Unit Value (\$/t)

Unit value is the value in dollars of 1 t of natural ground mica apparent consumption. Data were from the MR and the MYB. Blank cells in the worksheet indicate that data were not available for the years 1906–22.

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. Blank cells in the worksheet indicate that data were not available for the years 1906–22.

World Production

World production data were for natural scrap and flake mica produced. Data were from the MR and the MYB for the years 1906–13 and 1969–2002 and from IC 8125 for the years 1925–60. Blank cells in the worksheet indicate that data were not available for the years 1914–24 and 1961–68.

References

- Skow, M.L., 1962, Mica, A materials survey: U.S. Bureau of Mines Information Circular 8125, 241 p.
- U.S. Bureau of Mines, 1927–34, Mineral Resources of the United States, 1924–31.
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- U.S. Bureau of Mines, 1970–77, Commodity Data Summaries, 1970–77.
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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].)

For more information, please contact:

[USGS Mica \(Natural\), Scrap and Flake Commodity Specialist](#)