

FLUORSPAR STATISTICS¹
U.S. GEOLOGICAL SURVEY

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

Last modification: October 28, 2008

Year	Production	Imports	Exports	Stocks	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
1900	16,700				16,700	6.00	111	
1901	17,700				17,700	6.00	126	
1902	43,500				43,500	6.00	118	
1903	38,600				38,600	6.00	101	
1904	33,000				33,000	7.00	129	
1905	52,000				52,000	7.00	126	
1906	37,000				37,000	7.00	120	
1907	44,800				44,800	6.00	112	
1908	35,100				35,100	6.00	117	
1909	46,000	6,320			52,300	6.00	115	
1910	63,000	38,500			101,000	7.00	120	
1911	78,900	29,700			109,000	8.00	136	
1912	106,000	23,700			129,000	7.00	123	
1913	105,000	20,600			125,000	7.00	115	171,000
1914	86,300	9,260			95,500	7.00	107	121,000
1915	124,000	6,500			131,000	6.00	99.00	163,000
1916	141,000	11,200			152,000	7.00	97.00	201,000
1917	198,000	12,400			211,000	12.00	147	279,000
1918	239,000	11,400			251,000	23.00	247	313,000
1919	125,000	6,300			132,000	28.00	265	196,000
1920	169,000	22,300	2,510		189,000	28.00	226	264,000
1921	31,700	5,620			37,300	23.00	208	92,500
1922	128,000	30,000	2,080		156,000	20.00	191	208,000
1923	110,000	38,300	1,040		147,000	23.00	217	215,000
1924	113,000	46,300	560	36,700	159,000	22.00	206	255,000
1925	103,000	44,200	957	20,500	146,000	20.00	184	263,000
1926	117,000	68,600	1,930	98,900	183,000	20.00	184	310,000
1927	102,000	64,900	349	114,000	167,000	20.00	186	317,000
1928	127,000	42,700	361	94,900	170,000	21.00	199	345,000
1929	133,000	49,300	459	97,200	182,000	21.00	200	376,000
1930	86,900	58,900	255	149,000	146,000	20.00	197	291,000
1931	48,400	18,800	282	134,000	67,000	19.00	205	166,000
1932	22,900	12,000	23.0	113,000	34,800	17.00	204	128,000
1933	66,100	9,430	64.0	103,000	75,600	16.00	198	229,000
1934	77,700	15,200	474	98,100	92,400	18.00	218	286,000
1935	112,000	14,800	284	88,900	127,000	17.00	197	340,000
1936	160,000	23,100	218	93,000	183,000	20.00	229	455,000
1937	164,000	33,600	414	109,000	198,000	22.00	253	519,000
1938	72,900	17,800	715	96,900	90,100	22.00	254	456,000
1939	166,000	14,800	2,700	117,000	178,000	22.00	262	577,000
1940	212,000	10,800	7,690	132,000	215,000	22.00	260	616,000
1941	291,000	6,830	11,100	128,000	287,000	23.00	256	698,000
1942	327,000	1,950	8,180	105,000	321,000	27.00	272	883,000
1943	368,000	39,700	8,230	113,000	400,000	32.00	302	1,040,000
1944	375,000	79,100	1,800	107,000	453,000	33.00	308	1,040,000
1945	294,000	95,200	1,290	112,000	388,000	34.00	306	674,000
1946	252,000	27,100	1,570	107,000	278,000	36.00	299	524,000
1947	299,000	71,400	1,070	134,000	369,000	37.00	268	655,000
1948	301,000	101,000	604	167,000	402,000	37.00	252	795,000
1949	215,000	86,700	728	162,000	306,000	39.00	264	710,000
1950	273,000	149,000	671	173,000	410,000	39.00	263	844,000
1951	315,000	164,000	1,060	168,000	483,000	46.00	287	1,030,000

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1952	301,000	320,000	612	282,000	506,000	51.00	313	1,180,000
1953	288,000	326,000	696	249,000	647,000	55.00	333	1,210,000
1954	223,000	266,000	583	178,000	559,000	55.00	335	1,220,000
1955	254,000	330,000	793	198,000	563,000	50.00	303	1,410,000
1956	299,000	440,000	179	238,000	699,000	48.00	285	1,700,000
1957	298,000	573,000	684	269,000	839,000	53.00	306	1,830,000
1958	290,000	356,000	3,060	220,000	692,000	52.00	294	1,840,000
1959	168,000	504,000	1,040	225,000	666,000	52.00	289	1,720,000
1960	208,000	484,000	415	267,000	650,000	50.00	274	2,020,000
1961	179,000	459,000	307	259,000	646,000	50.00	271	2,060,000
1962	187,000	540,000	1,190	251,000	734,000	49.00	264	2,150,000
1963	181,000	508,000	1,090	240,000	699,000	50.00	264	2,150,000
1964	197,000	624,000	3,360	252,000	806,000	49.00	260	2,460,000
1965	219,000	741,000	8,510	255,000	948,000	50.00	257	2,770,000
1966	230,000	797,000	5,200	255,000	1,020,000	47.00	237	2,840,000
1967	268,000	827,000	9,380	296,000	1,040,000	49.00	239	3,170,000
1968	229,000	953,000	11,400	305,000	1,160,000	51.00	239	3,640,000
1969	166,000	1,040,000	3,270	272,000	1,240,000	51.00	226	3,890,000
1970	244,000	991,000	13,600	392,000	1,100,000	57.00	239	4,190,000
1971	247,000	973,000	11,300	422,000	1,180,000	70.00	282	4,760,000
1972	227,000	1,070,000	2,510	357,000	1,360,000	76.00	297	4,530,000
1973	226,000	1,100,000	2,200	305,000	1,370,000	77.00	283	4,580,000
1974	182,000	1,210,000	5,300	403,000	1,300,000	78.00	259	4,860,000
1975	127,000	953,000	1,260	300,000	1,180,000	86.00	260	4,520,000
1976	171,000	812,000	4,470	265,000	1,020,000	105	301	4,320,000
1977	154,000	881,000	6,030	216,000	1,080,000	107	288	4,380,000
1978	117,000	832,000	7,500	186,000	964,000	113	282	4,670,000
1979	99,200	926,000	13,100	210,000	989,000	123	276	4,610,000
1980	84,000	816,000	16,200	174,000	923,000	150	297	5,010,000
1981	105,000	750,000	10,200	208,000	814,000	176	315	5,100,000
1982	69,900	493,000	9,590	198,000	561,000	190	321	4,530,000
1983	55,300	411,000	8,380	90,000	557,000	181	296	4,230,000
1984	65,300	638,000	11,100	120,000	674,000	191	299	4,830,000
1985	59,900	502,000	8,770	42,300	620,000	191	289	4,980,000
1986	70,800	501,000	14,700	81,500	518,000	191	284	4,850,000
1987	63,500	532,000	2,600	30,300	644,000	191	274	4,600,000
1988	63,500	689,000	3,140	56,000	727,000	188	259	5,280,000
1989	66,000	656,000	5,130	79,300	698,000	188	247	5,560,000
1990	63,500	514,000	14,900	74,700	567,000	193	240	5,120,000
1991	58,000	495,000	73,900	69,000	485,000	193	230	4,300,000
1992	51,000	534,000	13,600	75,400	569,000	193	224	4,120,000
1993	60,000	497,000	12,700	78,000	556,000	95	107	4,180,000
1994	49,000	492,000	23,500	284,000	556,000	97	106	3,750,000
1995	51,000	558,000	41,800	405,000	599,000	121	129	4,040,000
1996	8,200	513,000	61,600	234,000	719,000	138	144	4,180,000
1997	0	538,000	62,100	375,000	551,000	129	131	4,180,000
1998	0	503,000	23,600	468,000	591,000	125	125	4,430,000
1999	0	478,000	55,400	373,000	615,000	119	116	4,300,000
2000	0	523,000	39,800	289,000	601,000	125	118	4,450,000
2001	0	522,000	21,200	221,000	543,000	132	122	4,590,000
2002	0	494,000	24,300	245,000	477,000	125	113	4,450,000
2003	0	567,000	30,700	206,000	589,000	135	119	4,850,000

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Year	Production	Imports	Exports	Stocks	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
2004	0	599,000	20,600	105,000	691,000	159	137	5,230,000
2005	0	629,000	36,100	131,000	616,000	194	162	5,280,000
2006	0	553,000	13,000	89,900	608,000	203	164	5,330,000
2007	0	620,000	13,600	90,100	613,000			5,690,000

¹Compiled by T.D. Kelly (retired) and M.M. Miller.

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

Fluorspar Worksheet Notes

Data Sources

Sources of data for the fluorspar 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). 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 either were not available or were withheld because they are proprietary.

Production

Production data for the years 1900–96 represent the quantities of fluorspar that were produced and shipped annually within the United States. Data were recorded from the MR and the MYB. For the years 2000 to the most recent, a small quantity of fluorspar was produced and shipped, but statistical data were not available.

Imports

Import data for the years 1909 to the most recent represent the quantities of fluorspar that were imported into the United States for consumption purposes. Data were recorded from the MR and the MYB. Import data for the years prior to 1909 were not available.

Exports

Export data for the years 1920 and 1922 to the most recent represent the quantities of fluorspar that were exported from the United States to foreign recipients. Data were recorded from the MR and the MYB. Export data for the year 1921 were not available.

Stocks

Stock data for the years 1924 to the most recent represent the quantities of fluorspar that were held annually within producer, domestic consumer, and distributor stockpiles (depending on availability of data). Stock data do not include statistics for Government stockpiles, but do include Government stockpile materials that were sold pending shipment. These materials have been considered to be constituents of various consumer or distributor stocks. Data were recorded from the MR and the MYB.

Apparent Consumption

Apparent consumption data for the years 1900 to the most recent represent the estimated quantities of fluorspar that were consumed annually within the United States. Apparent consumption data for the years 1900–50 were recorded from the MR and the MYB. For the years 1951–69, apparent consumption data were estimated by using the following formula:

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

Apparent consumption data for the years 1970 to the most recent were recorded from the MYB.

Unit Value (\$/t)

Unit value is defined as the value of 1 metric ton (t) of fluorspar apparent consumption. Unit value data for the years 1900–83 were estimated by using the following formula:

$$\text{UNIT VALUE} = \text{FLUORSPAR PRODUCTION VALUE} / \text{FLUORSPAR PRODUCTION QUANTITY.}$$

Total production value data for fluorspar for the years 1984–92 were withheld because they are proprietary. Therefore, unit value data for the years 1984–92 were estimated as being equal to the average value of domestically produced acid-grade fluorspar. Unit value data for the years 1993–2006 were estimated by using the following formula:

$$\text{UNIT VALUE} = \text{FLUORSPAR IMPORTS VALUE} / \text{FLUORSPAR IMPORTS QUANTITY.}$$

As a result of apparent inaccuracies in import data, a unit value for 2007 was not available.

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

World production data for the years 1913 to the most recent represent the total estimated quantities of fluorspar that were produced annually throughout the world. Data were recorded 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, 1997–2008, Minerals Yearbook, v. I, 1995–2007.

Recommended Citation Format:

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:

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