

FELDSPAR STATISTICS¹
U.S. GEOLOGICAL SURVEY
[All values are in metric tons (t) feldspar unless otherwise noted]
Last modification: November 18, 2008

Year	Production	Shipments	Imports	Imports (nepheline syenite)	Exports	Stocks	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
1900	1,620						1,620	4.00	88.00	
1901	9,040						9,040	2.00	47.00	
1902	19,800						19,800	3.00	53.00	
1903	12,200						12,200	4.00	76.00	
1904	17,600						17,600	4.00	69.00	
1905	13,200						13,200	4.00	80.00	
1906	36,300						36,300	4.00	67.00	
1907	28,200						28,200	4.00	63.00	
1908	17,100						17,100	4.00	70.00	155,000
1909	23,100						23,100	3.00	55.00	168,000
1910	22,400						22,400	4.00	64.00	179,000
1911	25,500						25,500	3.00	61.00	210,000
1912	24,000						24,000	4.00	63.00	206,000
1913	41,200						41,200	4.00	59.00	156,000
1914	77,900						77,900	3.00	55.00	193,000
1915	95,400						95,400	4.00	57.00	155,000
1916	120,000						120,000	3.00	50.00	168,000
1917	129,000						129,000	4.00	47.00	174,000
1918	89,900						89,900	5.00	52.00	136,000
1919	64,500						64,500	5.00	51.00	108,000
1920	138,000						138,000	6.00	50.00	207,000
1921	93,300						93,300	7.00	60.00	167,000
1922	119,000	115,000	7,710				127,000	7.00	69.00	208,000
1923	147,000	161,000	24,700				172,000	7.00	68.00	250,000
1924	208,000	172,000	35,700				244,000	7.00	69.00	362,000
1925	189,000	193,000	25,400				214,000	7.00	65.00	314,000
1926	213,000	204,000	30,500				244,000	8.00	69.00	345,000
1927	206,000	203,000	27,900				234,000	7.00	65.00	340,000
1928	214,000	207,000	28,400				242,000	7.00	63.00	366,000
1929	201,000	209,000	30,400				231,000	6.00	61.00	331,000
1930	175,000	165,000	21,400				196,000	6.00	60.00	284,000
1931	149,000	131,000	11,000				160,000	6.00	62.00	239,000
1932	106,000	98,000	1,930				108,000	5.00	61.00	189,000
1933	153,000	121,000	3,320				156,000	5.00	64.00	258,000
1934	157,000	131,000	9,900				167,000	5.00	66.00	280,000
1935	193,000	182,000	9,080				202,000	5.00	62.00	316,000
1936	249,000	202,000	11,100				260,000	5.00	62.00	381,000
1937	273,000	239,000	13,200				286,000	5.00	58.00	426,000
1938	199,000	195,000	7,770				207,000	4.00	52.00	320,000
1939	258,000	235,000	7,580				265,000	4.00	51.00	390,000
1940	295,000	259,000	12,700				308,000	4.00	50.00	400,000
1941	344,000	322,000	11,400				356,000	4.00	49.00	475,000
1942	321,000	297,000	9,680				331,000	5.00	48.00	440,000
1943	313,000	305,000	11,000				324,000	5.00	50.00	440,000
1944	333,000	311,000	11,900				345,000	5.00	51.00	465,000
1945	379,000	346,000	15,200				394,000	5.00	49.00	500,000
1946	517,000	427,000	16,600		2,560		533,000	5.00	42.00	675,000
1947	467,000	438,000	17,000		1,590		484,000	5.00	38.00	700,000
1948	468,000	459,000	31,500		1,300		500,000	5.00	37.00	770,000
1949	375,000	351,000	16,100		3,840		391,000	6.00	42.00	660,000
1950	414,000	405,000	12,600		3,690		427,000	6.00	42.00	721,000

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1951	407,000	412,000	17,400		2,180		424,000	7.00	44.00	793,000
1952	428,000	416,000	5,670		3,110		433,000	9.00	53.00	803,000
1953	460,000	421,000	6,100		2,710		466,000	10.00	61.00	793,000
1954	535,000	516,000	993		3,840		535,000	8.00	51.00	945,000
1955	560,000	541,000	1,380		4,510		560,000	8.00	49.00	1,070,000
1956	569,000	552,000	1,660		6,100		569,000	10.00	61.00	1,130,000
1957	506,000	456,000	4,110		6,100		506,000	10.00	56.00	1,260,000
1958	477,000	426,000	6,760		4,060		477,000	9.00	51.00	1,210,000
1959	557,000	508,000	5,290		10,200		557,000	10.00	54.00	1,370,000
1960	510,000	479,000	7,140		10,200		510,000	9.00	51.00	1,570,000
1961	505,000	491,000	2,590		4,060		505,000	10.00	55.00	1,630,000
1962	500,000	478,000	3,380		13,200		500,000	10.00	55.00	1,630,000
1963	558,000	543,000	3,120		6,100		558,000	10.00	53.00	1,710,000
1964	597,000	587,000	3,230		8,130		597,000	9.00	48.00	1,890,000
1965	635,000	602,000	3,510		5,080		635,000	10.00	51.00	2,010,000
1966	666,000	638,000	3,300		7,110	111,000	666,000	11.00	53.00	2,150,000
1967	625,000	602,000	3,110		6,100	114,000	626,000	11.00	55.00	2,040,000
1968	678,000	663,000	3,430		13,000	102,000	678,000	12.00	57.00	2,240,000
1969	685,000	719,000	4,770		5,740	66,000	685,000	13.00	58.00	2,450,000
1970	659,000	588,000	3,530		5,050	135,000	659,000	15.00	61.00	2,530,000
1971	674,000	546,000	2,280		3,610	261,000	674,000	15.00	60.00	2,550,000
1972	677,000	527,000	1,030		4,790	399,000	673,000	16.00	61.00	2,720,000
1973	718,000	534,000	333		8,670	257,000	710,000	18.00	66.00	2,770,000
1974	692,000	497,000	84.0		16,600	228,000	675,000	17.00	54.00	3,010,000
1975	608,000	491,000	391,000	391,000	8,650	217,000	991,000	18.00	56.00	2,630,000
1976	671,000	663,000	455,000	455,000	5,570		1,120,000	23.00	67.00	2,800,000
1977	666,000	667,000	456,000	456,000	5,620		1,120,000	23.00	63.00	2,940,000
1978	667,000	667,000	497,000	497,000	9,340		1,150,000	24.00	60.00	3,030,000
1979	671,000	675,000	486,000	486,000	11,200		1,150,000	27.00	61.00	3,110,000
1980	644,000	644,000	458,000	458,000	11,800		1,090,000	32.00	63.00	3,200,000
1981	603,000	594,000	459,000	459,000	12,700		1,050,000	30.00	54.00	3,230,000
1982	558,000	553,000	413,000	413,000	9,800		962,000	34.00	58.00	3,520,000
1983	644,000	644,000	370,000	370,000	8,490		1,010,000	36.00	58.00	3,590,000
1984	644,000	635,000	343,000	343,000	9,140		978,000	38.00	59.00	3,790,000
1985	635,000	635,000	303,000	302,000	8,420		929,000	37.00	57.00	4,030,000
1986	665,000	666,000	272,000	271,000	10,900		928,000	40.00	59.00	4,120,000
1987	655,000	650,000	284,000	280,000	8,740		931,000	40.00	58.00	4,380,000
1988	650,000	660,000	287,000	281,000	12,400		925,000	41.00	56.00	4,840,000
1989	655,000	644,000	315,000	303,000	9,330		961,000	42.00	55.00	5,180,000
1990	630,000	600,000	287,000	276,000	24,800		893,000	44.00	55.00	5,990,000
1991	580,000	550,000	307,000	289,000	8,430		878,000	44.00	53.00	5,670,000
1992	725,000	750,000	348,000	335,000	17,700		1,060,000	40.00	46.00	5,990,000
1993	770,000	770,000	296,000	289,000	17,700		1,050,000	43.00	49.00	6,170,000
1994	765,000	750,000	340,000	333,000	17,300		1,090,000	45.00	49.00	6,490,000
1995	880,000	835,000	325,000	316,000	14,700		1,190,000	47.00	50.00	7,910,000
1996	890,000	875,000	254,000	247,000	10,200		1,130,000	53.00	55.00	8,290,000
1997	900,000	895,000	355,000	346,000	7,220		1,250,000	53.00	54.00	8,650,000
1998	820,000	915,000	327,000	320,000	13,200		1,130,000	56.00	56.00	9,330,000
1999	875,000	875,000	318,000	311,000	9,880		1,180,000	56.00	55.00	9,980,000
2000	790,000	790,000	363,000	356,000	11,400		1,140,000	60.10	56.90	9,540,000
2001	800,000	800,000	342,000	336,000	5,460		1,140,000	59.80	55.00	11,800,000

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2002	790,000	790,000	338,000	333,000	9,590		1,120,000	61.00	55.20	14,100,000
2003	800,000	800,000	316,000	308,000	8,950		1,110,000	63.80	56.50	13,600,000
2004	770,000	770,000	371,000	350,000	9,630		1,130,000	64.20	55.40	15,100,000
2005	750,000	750,000	366,000	340,000	15,200		1,100,000	69.50	58.00	16,200,000
2006	760,000	760,000	431,000	426,000	10,400		1,180,000	64.50	52.20	17,600,000
2007	730,000	730,000	395,000	391,000	9,980		1,110,000	73.30	57.60	18,100,000

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

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

Feldspar Worksheet Notes

Data Sources

The sources of data for the feldspar 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 Commodity Data Summaries (CDS). 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 not available.

Production

Production data represent the quantity of feldspar that was produced annually from mines in the United States. Production data for the years 1900 to the most recent were recorded from the MYB.

Shipments

Shipment data represent the quantity of feldspar that was shipped annually from industrial producers to domestic recipients within the United States. Data are not available prior to 1922. Shipment data for the years 1922 to the most recent were recorded from the MYB.

Imports (Total)

Import data for the years 1922–74 represent the quantity of feldspar that was imported annually into the United States for consumption. Import data for the years 1975 to the most recent represent the total summed quantity of feldspar and nepheline syenite that was imported annually into the United States for consumption. Data are not available prior to 1922. Import data for the years 1922 to the most recent were recorded from the MYB.

Imports (Nepheline syenite)

Import data represent the quantity of nepheline syenite that was imported annually into the United States for consumption. Nepheline syenite import data are not available prior to 1975. Import data for the years 1975 to the most recent were recorded from the MYB.

Exports

Export data represent the quantity of ground or refined feldspar that was exported annually from the United States to foreign countries. Data are not available prior to 1945. Export data for the years 1946–55 and 1968 to the most recent were recorded from the MYB. Export data for the years 1956–67 were recorded from the CDS.

Stocks

Stock data represent the total quantity of crude, ground, and in process feldspar that was held annually within industrial producer stockpiles at yearend. Data are not available prior to 1966 and after 1975. Stock data for the years 1966–67 were recorded from the CDS. Stock data for the years 1968–75 were recorded from the MYB.

Apparent Consumption

Apparent consumption data for the years 1900–74 did not include imports of nepheline syenite. Data for the years 1900–24 were estimated as being equal to production plus imports. Apparent consumption data for the years 1925 to the most recent were recorded from the MR and the MYB. Data for the years 1975 to the most recent included imports of nepheline syenite in addition to imports of feldspar.

Unit Value (\$/t)

Unit value is defined as the value of 1 metric ton (t) of feldspar apparent consumption for the years 1900–74 and was estimated by dividing annual production value data by annual production quantity data. For the years 1975 to the most recent unit value is defined as the value of 1 t of feldspar plus nepheline syenite apparent consumption was estimated as:

$$(\text{TOTAL PRODUCTION VALUE} + \text{TOTAL IMPORT VALUE} - \text{TOTAL EXPORT VALUE}) / \text{APPARENT CONSUMPTION.}$$

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 1908 to the most recent represent the quantity of feldspar that was produced annually throughout the world as reported in the MR and the MYB. World production data do not include production data for nepheline syenite.

References

U.S. Bureau of Mines, 1927–34, Mineral Resources of the United States, 1924–31.
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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.

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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].)

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