

FELDSPAR STATISTICS¹
U.S. GEOLOGICAL SURVEY

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

Last modification: October 23, 2012

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

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1950	414,000	405,000	12,600	NA	3,690	NA	427,000	6.00	42.00	721,000
1951	407,000	412,000	17,400	NA	2,180	NA	424,000	7.00	44.00	793,000
1952	428,000	416,000	5,670	NA	3,110	NA	433,000	9.00	53.00	803,000
1953	460,000	421,000	6,100	NA	2,710	NA	466,000	10.00	61.00	793,000
1954	535,000	516,000	993	NA	3,840	NA	535,000	8.00	51.00	945,000
1955	560,000	541,000	1,380	NA	4,510	NA	560,000	8.00	49.00	1,070,000
1956	569,000	552,000	1,660	NA	6,100	NA	569,000	10.00	61.00	1,130,000
1957	506,000	456,000	4,110	NA	6,100	NA	506,000	10.00	56.00	1,260,000
1958	477,000	426,000	6,760	NA	4,060	NA	477,000	9.00	51.00	1,210,000
1959	557,000	508,000	5,290	NA	10,200	NA	557,000	10.00	54.00	1,370,000
1960	510,000	479,000	7,140	NA	10,200	NA	510,000	9.00	51.00	1,570,000
1961	505,000	491,000	2,590	NA	4,060	NA	505,000	10.00	55.00	1,630,000
1962	500,000	478,000	3,380	NA	13,200	NA	500,000	10.00	55.00	1,630,000
1963	558,000	543,000	3,120	NA	6,100	NA	558,000	10.00	53.00	1,710,000
1964	597,000	587,000	3,230	NA	8,130	NA	597,000	9.00	48.00	1,890,000
1965	635,000	602,000	3,510	NA	5,080	NA	635,000	10.00	51.00	2,010,000
1966	666,000	638,000	3,300	NA	7,110	111,000	666,000	11.00	53.00	2,150,000
1967	625,000	602,000	3,110	NA	6,100	114,000	626,000	11.00	55.00	2,040,000
1968	678,000	663,000	3,430	NA	13,000	102,000	678,000	12.00	57.00	2,240,000
1969	685,000	719,000	4,770	NA	5,740	66,000	685,000	13.00	58.00	2,450,000
1970	659,000	588,000	3,530	NA	5,050	135,000	659,000	15.00	61.00	2,530,000
1971	674,000	546,000	2,280	NA	3,610	261,000	674,000	15.00	60.00	2,550,000
1972	677,000	527,000	1,030	NA	4,790	399,000	673,000	16.00	61.00	2,720,000
1973	718,000	534,000	333	NA	8,670	257,000	710,000	18.00	66.00	2,770,000
1974	692,000	497,000	84.0	NA	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	NA	1,120,000	23.00	67.00	2,800,000
1977	666,000	667,000	456,000	456,000	5,620	NA	1,120,000	23.00	63.00	2,940,000
1978	667,000	667,000	497,000	497,000	9,340	NA	1,150,000	24.00	60.00	3,030,000
1979	671,000	675,000	486,000	486,000	11,200	NA	1,150,000	27.00	61.00	3,110,000
1980	644,000	644,000	458,000	458,000	11,800	NA	1,090,000	32.00	63.00	3,200,000
1981	603,000	594,000	459,000	459,000	12,700	NA	1,050,000	30.00	54.00	3,230,000
1982	558,000	553,000	413,000	413,000	9,800	NA	962,000	34.00	58.00	3,520,000
1983	644,000	644,000	370,000	370,000	8,490	NA	1,010,000	36.00	58.00	3,590,000
1984	644,000	635,000	343,000	343,000	9,140	NA	978,000	38.00	59.00	3,790,000
1985	635,000	635,000	303,000	302,000	8,420	NA	929,000	37.00	57.00	4,030,000
1986	665,000	666,000	272,000	271,000	10,900	NA	928,000	40.00	59.00	4,120,000
1987	655,000	650,000	284,000	280,000	8,740	NA	931,000	40.00	58.00	4,380,000
1988	650,000	660,000	287,000	281,000	12,400	NA	925,000	41.00	56.00	4,840,000
1989	655,000	644,000	315,000	303,000	9,330	NA	961,000	42.00	55.00	5,180,000
1990	630,000	600,000	287,000	276,000	24,800	NA	893,000	44.00	55.00	5,990,000
1991	580,000	550,000	307,000	289,000	8,430	NA	878,000	44.00	53.00	5,670,000
1992	725,000	750,000	348,000	335,000	17,700	NA	1,060,000	40.00	46.00	5,990,000
1993	770,000	770,000	296,000	289,000	17,700	NA	1,050,000	43.00	49.00	6,170,000
1994	765,000	750,000	340,000	333,000	17,300	NA	1,090,000	45.00	49.00	6,490,000
1995	880,000	835,000	325,000	316,000	14,700	NA	1,190,000	47.00	50.00	7,910,000
1996	890,000	875,000	254,000	247,000	10,200	NA	1,130,000	53.00	55.00	8,290,000
1997	900,000	895,000	355,000	346,000	7,220	NA	1,250,000	53.00	54.00	8,650,000
1998	820,000	915,000	327,000	320,000	13,200	NA	1,130,000	56.00	56.00	9,330,000
1999	875,000	875,000	318,000	311,000	9,880	NA	1,180,000	56.00	55.00	9,980,000

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2000	790,000	790,000	363,000	356,000	11,400	NA	1,140,000	60.10	56.90	9,540,000
2001	800,000	800,000	342,000	336,000	5,460	NA	1,140,000	59.80	55.00	11,800,000
2002	790,000	790,000	338,000	333,000	9,590	NA	1,120,000	61.00	55.20	14,100,000
2003	800,000	800,000	316,000	308,000	8,950	NA	1,110,000	63.80	56.50	13,600,000
2004	770,000	770,000	371,000	350,000	9,630	NA	1,130,000	64.40	55.50	15,100,000
2005	750,000	750,000	366,000	340,000	15,200	NA	1,100,000	69.20	57.80	16,800,000
2006	760,000	760,000	431,000	426,000	10,400	NA	1,180,000	67.10	54.30	20,600,000
2007	730,000	730,000	395,000	391,000	9,980	NA	1,120,000	72.70	57.10	21,600,000
2008	650,000	650,000	323,000	321,000	14,600	NA	957,000	76.60	58.00	22,800,000
2009	550,000	550,000	310,000	308,000	7,520	NA	856,000	84.00	63.80	19,600,000
2010	550,000	550,000	370,000	368,000	16,800	NA	900,000	93.10	69.60	20,100,000
2011	650,000	650,000	396,000	394,000	17,000	NA	1,030,000	77.10	55.90	21,200,000

NA Not available.

¹Compiled by T.D. Kelly (retired), M.J. Potter (retired), D.J.Cordier, and A.O. Tanner.

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.

Production

Production data represent the quantity of feldspar that was produced annually from mines in the United States. Production data for 1900 to the most recent year are 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 1922 to the most recent year are from the MYB.

Imports (Total)

Import data for 1922–74 represent the quantity of feldspar that was imported annually into the United States for consumption. Import data for 1975 to the most recent year 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 1922 to the most recent year are 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 1975 to the most recent year are 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 1946–55 and 1968 to the most recent year are from the MYB. Export data for 1956–67 are 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 1966–67 are from the CDS. Stock data for 1968–75 are from the MYB.

Apparent Consumption

Apparent consumption data for 1900–74 did not include imports of nepheline syenite. Data for 1900–24 are estimated as being equal to production plus imports. Apparent consumption data for 1925 to the most recent year are from the MR and the MYB. Data for 1975 to the most recent year include 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 1900–74 and was estimated by dividing annual production value data by annual production quantity data. For 1975 to the most recent year, 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 1908 to the most recent year 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.
- U.S. Bureau of Mines, 1933–96, Minerals Yearbook, 1932–94.
- U.S. Bureau of Mines, 1962–77, Commodity Data Summaries, 1962–77.
- U.S. Geological Survey, 1901–27, Mineral Resources of the United States, 1900–23.
- U.S. Geological Survey, 1995–present, Minerals Yearbook, v. I. (Available via <http://minerals.usgs.gov/minerals/>)

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, accessed [date], at <http://pubs.usgs.gov/ds/2005/140/>.

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