

PUMICE AND PUMICITE STATISTICS¹

U.S. GEOLOGICAL SURVEY

[All values in metric tons (t) pumice and pumicite unless otherwise noted]

Last modification: October 16, 2007

Year	Production	Imports	Exports	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
1900							
1901							
1902	635			635	4.33	82.00	
1903	776			776	3.32	60.00	
1904	1,390			1,390	3.90	71.00	
1905	1,660			1,660	3.33	61.00	
1906	11,100			11,100	1.51	27.00	
1907	7,360			7,360	4.60	81.00	
1908	9,590			9,590	4.10	75.00	
1909	13,700			13,700	2.44	44.00	
1910	21,100			21,100	4.50	79.00	
1911	19,700			19,700	4.50	79.00	
1912	24,600			24,600	3.52	60.00	
1913	22,300			22,300	2.49	41.00	
1914	25,000			25,000	2.36	38.50	
1915	25,100			25,100	2.51	40.50	
1916	30,200			30,200	2.72	40.70	
1917	32,000			32,000	2.65	33.80	
1918	27,800			27,800	3.29	35.50	
1919	32,700			32,700	3.57	33.70	
1920	38,000			38,000	3.01	24.50	66,000
1921	33,700			33,700	4.71	42.80	47,600
1922	41,100			41,100	4.28	41.60	240,000
1923	51,300			51,300	4.18	39.80	275,000
1924	39,600	8,230		47,800	4.81	45.80	157,000
1925	36,600	9,200		45,800	4.88	45.60	166,000
1926	48,900	8,700		57,600	4.27	39.20	
1927	48,400	8,100		56,500	4.59	42.90	
1928	52,100	10,100		62,200	5.35	51.00	
1929	67,000	8,770		75,800	5.81	55.30	
1930	51,600	5,900		57,500	6.52	63.90	
1931	35,000	5,940		41,000	5.42	58.10	
1932	48,300	4,030		52,300	4.87	58.00	
1933	55,500	6,170		61,700	4.35	54.50	
1934	50,900	6,430		57,400	4.07	49.50	
1935	54,400	7,930		62,400	4.54	54.10	
1936	66,100	6,390		72,500	4.96	58.20	
1937	64,400	7,960		72,400	4.69	53.10	
1938	59,600	5,390		65,000	5.25	60.70	
1939	80,900	6,040		86,900	5.25	61.60	
1940	74,800	3,410		78,200	6.69	77.90	
1941	106,000	39		107,000	6.29	69.70	
1942	115,000	61		115,000	6.15	61.50	
1943	77,200	30		77,300	7.92	74.70	
1944	80,500	36		80,600	8.74	80.90	
1945	142,000	9		142,000	7.37	67.00	
1946	290,000	5,860		296,000	5.47	45.60	
1947	401,000	7,810		409,000	5.04	36.80	
1948	551,000	8,400		560,000	4.54	30.70	1,270,000
1949	650,000	8,710		659,000	3.65	25.00	1,540,000
1950	653,000	18,400		671,000	4.08	27.60	1,810,000
1951	680,000	15,000		695,000	4.05	25.30	2,270,000

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1952	542,000	20,400		562,000	4.18	25.60	2,180,000
1953	615,000	30,500		646,000	1.27	7.74	5,350,000
1954	868,000	19,900		888,000	2.88	17.50	5,620,000
1955	764,000	31,300		795,000	3.20	19.50	6,530,000
1956	805,000	30,500		835,000	4.00	24.00	8,350,000
1957	957,000	33,800	71,000	920,000	3.23	18.80	8,260,000
1958	839,000	36,700	100,000	776,000	3.68	20.80	8,440,000
1959	711,000	23,300		735,000	4.60	25.70	9,710,000
1960	545,000	52,200		598,000	4.96	27.30	10,800,000
1961	849,000	32,300		882,000	4.95	27.10	11,900,000
1962	484,000	77,600		561,000	6.64	35.90	12,400,000
1963	953,000	143,000		1,100,000	2.29	12.20	15,100,000
1964	1,060,000	99,700		1,160,000	3.87	20.40	15,200,000
1965	438,000	173,000	260	611,000	5.58	28.90	14,900,000
1966	498,000	256,000	270	754,000	5.28	26.50	14,700,000
1967	704,000	223,000	310	927,000	2.05	10.00	14,000,000
1968	436,000	283,000	570	719,000	3.12	14.70	13,600,000
1969	543,000	349,000	480	891,000	2.49	11.10	14,700,000
1970	445,000	331,000	280	776,000	2.78	11.70	14,300,000
1971	490,000	363,000	320	852,000	2.86	11.50	14,800,000
1972	717,000	543,000	230	1,260,000	2.62	10.20	15,600,000
1973	748,000	282,000	2,800	1,030,000	4.83	17.70	14,900,000
1974	792,000	266,000	2,600	1,060,000	4.63	15.30	14,000,000
1975	717,000	132,000	1,100	847,000	4.87	14.80	14,700,000
1976	822,000	73,500	920	895,000	4.66	13.40	15,800,000
1977	1,070,000	230,000	1,600	1,300,000	4.33	11.70	15,500,000
1978	1,100,000	196,000	1,800	1,290,000	4.41	11.00	17,800,000
1979	1,060,000	56,200	1,800	1,120,000	4.58	10.30	17,700,000
1980	493,000	176,000	910	668,000	8.66	17.10	15,250,000
1981	453,000	83,500	910	535,000	9.52	17.10	12,800,000
1982	377,000	110,000	910	486,000	9.93	16.80	11,700,000
1983	407,000	167,000	910	573,000	11.00	18.00	10,700,000
1984	455,000	266,000	910	720,000	10.80	17.00	12,200,000
1985	461,000	220,000	910	680,000	9.88	15.00	11,000,000
1986	503,000	349,000	1,000	851,000	11.40	17.00	10,400,000
1987	356,000	247,000	1,000	602,000	12.60	18.10	10,700,000
1988	353,000	306,000	1,000	658,000	11.70	16.10	10,800,000
1989	424,000	293,000	7,000	710,000	19.40	25.50	12,300,000
1990	443,000	280,000	20,000	703,000	24.10	30.10	11,000,000
1991	401,000	118,000	13,000	506,000	22.90	27.40	10,800,000
1992	481,000	257,000	11,000	727,000	31.00	36.00	11,100,000
1993	469,000	143,000	18,000	594,000	25.70	29.00	11,000,000
1994	490,000	143,000	18,000	615,000	24.10	26.50	11,400,000
1995	529,000	238,000	16,000	728,000	25.00	26.70	11,500,000
1996	612,000	215,000	13,000	814,000	24.20	25.10	11,400,000
1997	577,000	265,000	12,000	830,000	27.90	28.30	11,900,000
1998	872,000	288,000	22,000	1,140,000	21.60	21.60	12,800,000
1999	998,000	354,000	23,000	1,330,000	27.70	27.10	13,700,000
2000	1,050,000	385,000	27,000	1,410,000	17.96	17.00	13,700,000
2001	919,000	379,000	27,000	1,270,000	21.40	19.70	15,600,000
2002	956,000	360,000	30,000	1,290,000	20.70	18.76	16,300,000
2003	870,000	367,000	26,000	1,210,000	25.20	22.32	16,500,000

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2004	1,490,000	402,000	27,000	1,870,000	16.80	14.50	18,900,000
2005	1,270,000	240,000	21,000	1,490,000	31.00	25.87	18,400,000
2006	1,540,000	365,000	22,000	1,880,000	28.85	23.32	18,800,000

¹Compiled by C.A. DiFrancesco (retired), W.P. Bolen, and A. Founie.

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

Pumice and Pumicite Worksheet Notes

Data Sources

The sources of data for the pumice and pumicite 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. Volcanic cinder and scoria were included with pumice and pumicite in the MR and MYB for the years 1902–77; this data has been included in the Stone chapters since 1978. The data were separated from pumice and pumicite numbers. Data from 1902–51 were in the abrasives chapters. Blank cells in the worksheet indicate that data were not available.

Production

Production data report the amount of pumice and pumicite sold or used (production) in the United States. Data were from the MR and MYB for the years 1902–2006. Blank cells in the worksheet indicate that data were not available for the years 1900–01.

Imports

Import data report the amounts of pumice and pumicite imported into the United States. Data were from the MR and MYB for the years 1924–2006. Blank cells in the worksheet indicate that data were not available for the years 1900–23.

Exports

Export data report the amounts of pumice and pumicite exported from the United States. Data were from MYB for the years 1957–58 and 1965–77 and from the MCS for the years 1978–2006. Blank cells in the worksheet indicate that data were not available for the years 1900–56 and from 1959–64.

Apparent Consumption

Apparent consumption was estimated for the years 1902–92, by using the formula:

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

Apparent consumption was taken from the MYB for the years 1993–2006. Blank cells in the worksheet indicate that data were not available for the years 1900–01.

Unit Value (\$/t)

Unit value is the value in dollars of 1 metric ton (t) (f.o.b. at mine) of pumice and pumicite apparent consumption. Unit value was estimated by obtaining the price for the United States in actual dollars by dividing the value from the MR and MYB for the years 1902–2006 by the weight of pumice and pumicite used by producers. Blank cells in the worksheet indicate that data were not available for the years 1900–01.

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 1900–01.

World Production

World production data were for pumice and pumicite produced. Data were from the MR and MYB for the years 1920–25 and 1948–2006. Blank cells in the worksheet indicate that data were not available for the years 1900–19, 1926–47.

References

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- U.S. Bureau of Mines, 1933–96, Minerals Yearbook, 1932–94.
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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:

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