DIATOMITE STATISTICS[1]
U.S. GEOLOGICAL SURVEY
[All values are in metric tons (t) diatomite unless otherwise noted]
Last modification: October 29, 2008

Year	Production	Imports	Exports	Stocks	Apparent consumption	Unit value ($/t)	Unit value (98$/t)	World production
1900	3,280				3,280	7.00	130	
1901	3,650				3,650	13.0	260	
1902	5,140				5,140	9.00	180	
1903	8,360				8,360	8.00	150	
1904	5,690				5,690	7.00	130	
1905	9,960				9,960	6.00	110	
1906	7,350				7,350	9.00	160	
1907	13,400				13,400	7.00	120	
1908					15,200	7.00	120	
1909	16,900				16,900	7.00	120	
1910					15,800	8.00	140	
1911	14,600				14,600	9.00	160	
1912	15,200				15,200	8.00	130	
1913	5,970				5,970	11.0	173	8,050
1914	9,990				9,990	10.0	162	10,100
1915	4,170				4,170	8.00	135	2,810
1916	2,470				2,470	10.0	145	2,710
1917	2,750				2,750	10.0	131	3,660
1918	2,690				2,690	8.00	91.0	2,850
1919	38,700				38,700	13.0	118	72,500
1920	56,200				56,200	17.0	142	103,000
1921	50,000				50,000	12.0	113	89,100
1922	40,600				40,600	9.00	84.0	60,800
1923	59,700				59,700	11.0	102	87,500
1924	57,300				57,300	11.0	105	82,500
1925	66,300				66,300	13.0	117	87,400
1926	79,000				79,000	12.0	114	95,000
1927	86,600				86,600	15.0	137	
1928	86,600				86,600	15.0	139	
1929	86,600				86,600	15.0	139	
1930	75,100				75,100	16.0	154	
1931	75,100				75,100	16.0	168	
1932	75,100				75,100	16.0	188	
1933	73,900				73,900	15.0	186	
1934	73,900				73,900	15.0	180	
1935	73,900				73,900	15.0	176	
1936	84,600				84,600	16.0	184	
1937	84,600				84,600	16.0	178	
1938	84,600				84,600	16.0	181	
1939	109,000				109,000	16.0	187	
1940	109,000				109,000	16.0	185	
1941	109,000				109,000	16.0	177	
1942	159,000				159,000	19.0	189	
1943	159,000				159,000	19.0	178	
1944	159,000				159,000	19.0	175	
1945	194,000				194,000	20.0	183	
1946	194,000				194,000	20.0	168	
1947	194,000				194,000	20.0	147	
1948	219,000				219,000	26.0	173	435,000
1949	219,000				219,000	26.0	175	435,000
1950	219,000				219,000	26.0	173	517,000
1951	275,000				275,000	30.0	188	581,000

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1952	275,000				275,000	30.0	184	599,000
1953	275,000				275,000	30.0	183	576,000
1954	351,000				351,000	31.0	187	658,000
1955	351,000				351,000	42.0	253	694,000
1956	351,000				351,000	44.0	263	689,000
1957	408,000				408,000	43.0	251	853,000
1958	408,000		54,400		354,000	46.0	260	1,220,000
1959	408,000		64,400		344,000	48.0	266	1,340,000
1960	437,000		83,500		354,000	50.0	272	1,410,000
1961	437,000		86,200		351,000	51.0	276	1,490,000
1962	437,000		98,900		339,000	50.0	270	1,510,000
1963	526,000		102,000		425,000	51.0	270	1,380,000
1964	526,000	519	116,000		411,000	51.0	266	1,450,000
1965	526,000	160	103,000		423,000	50.0	258	1,490,000
1966	569,000	0	131,000	50	438,000	52.0	263	1,520,000
1967	569,000	140	134,000	50	435,000	53.0	257	1,570,000
1968	569,000	120	149,000	33	420,000	58.0	272	1,620,000
1969	543,000	43.0	160,000	37	383,000	61.0	271	1,600,000
1970	542,000	439	140,000	37	403,000	55.0	229	1,590,000
1971	486,000	120	129,000	37	357,000	64.0	259	1,550,000
1972	523,000	57.0	134,000	38	388,000	65.0	254	1,570,000
1973	552,000	149	161,000	36	391,000	59.0	217	1,630,000
1974	603,000	3,350	169,000	36	437,000	76.0	252	1,710,000
1975	520,000	3,480	133,000	36	390,000	80.0	242	1,670,000
1976	572,000	4,680	135,000	36	442,000	87.0	249	1,430,000
1977	588,000	591	138,000	36	451,000	99.0	265	1,470,000
1978	591,000	181	139,000	36	452,000	111	278	1,460,000
1979	650,000	479	154,000	36	496,000	126	283	1,510,000
1980	625,000	268	157,000	36	468,000	146	289	1,520,000
1981	623,000	349	147,000	36	476,000	165	295	1,690,000
1982	556,000	229	128,000	36	428,000	176	297	1,720,000
1983	562,000	314	132,000	36	429,000	185	302	1,700,000
1984	569,000	307	115,000	36	454,000	193	302	1,750,000
1985	576,000	4,490	109,000	36	472,000	200	303	1,840,000
1986	570,000	711	119,000	36	452,000	204	304	1,840,000
1987	596,000	6,030	126,000	36	477,000	225	323	1,610,000
1988	629,000	2,720	147,000	36	484,000	229	315	1,670,000
1989	617,000	838	137,000	36	481,000	222	291	1,660,000
1990	631,000	689	144,000	36	488,000	219	273	1,680,000
1991	610,000	436	152,000	36	458,000	229	275	1,600,000
1992	595,000	0	163,000	36	432,000	237	275	1,350,000
1993	599,000	0	165,000	36	456,000	251	283	1,390,000
1994	613,000	379	157,000	36	456,000	248	273	2,020,000
1995	722,000	259	144,000	36	578,000	238	255	1,990,000
1996	729,000	1,550	143,000	36	588,000	242	252	1,990,000
1997	773,000	2,040	140,000	36	635,000	244	248	1,970,000
1998	725,000	816	138,000	36	588,000	248	248	1,930,000
1999	747,000	387	123,000	36	625,000	238	233	1,960,000
2000	677,000	529	131,000	36	547,000	256	242	1,890,000
2001	644,000	1,990	148,000	36	546,000	270	249	1,930,000
2002	624,000	528	128,000	36	497,000	255	231	1,920,000
2003	599,000	780	136,000	36	464,000	265	235	1,910,000

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Year	Production	Imports	Exports	Stocks	Apparent consumption	Unit value ($/t)	Unit value (98$/t)	World production
2004	620,000	2,415	143,000	36	479,000	285	246	1,930,000
2005	653,000	4,315	142,000	36	515,000	274	228	2,010,000
2006	799,000	6,798	150,000	36	656,000	220	177	2,160,000
2007	687,000	3,570	143,000	36	548,000	237	186	2,050,000

[1]Compiled by T.D. Kelly (retired), T.P. Dolley, and R.D. Crangle, Jr.
Data are calculated, estimated, or reported. See notes for more information.

Diatomite Worksheet Notes

Data Sources
The sources of data for the diatomite 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. Blank cells in the worksheet indicate that data either were not available or were withheld from publication because they are proprietary.

Production
Production data for the years 1900 to the most recent were recorded from the MR and the MYB. Production data for the years 1900–12 represent the summed weights of infusorial earth (diatomite) and tripoli that were produced within the United States. Production data for the years 1908 and 1910 were withheld because they are proprietary. Production data for the years 1915–18 did not completely represent the total quantity of diatomite produced in the United States because it was reported that a considerable proportion of the production data was withheld because they were proprietary. Annual production data for the years 1927–68 were withheld to avoid disclosing proprietary data, but 3-year production totals were reported in the MR and the MYB. Therefore, annual production data for the years 1927–68 were estimated by averaging the reported 3-year production totals.

Imports
Import data for the years 1946–63 were withheld because they were proprietary. Import data for the years 1964–91 and 1995 to the most recent were recorded from the MYB. Import data for the years 1992–93 were recorded from the MCS for 1998. Zeroes reported for these years denote less than 500 metric tons (t).

Exports
Export data for the years 1946–57 were withheld for because they were proprietary. Export data for the years 1958 to the most recent were recorded from the MYB.

Stocks
Stock data for the years 1951–65 were withheld because they were proprietary. Stock statistics for the years 1966 to the most recent were recorded from the MCS.

Apparent Consumption
Apparent consumption statistics for the years 1900–78 were estimated as being equal to production plus imports minus exports plus or minus changes in stocks. Apparent consumption statistics for the years 1908 and 1910 were interpolated from the apparent consumption data series because production data were withheld for those years. Apparent consumption statistics from 1979–91 and from 1994 to the most recent year were recorded from the MYB. Apparent consumption statistics for the years 1992–93 were not available from the MYB. Subsequently, apparent consumption statistics for the years 1992–93 were recorded from the MCS.

Unit Value ($/t)
Unit value is defined as the value of 1 t of diatomite apparent consumption. Unit value was estimated as being equal to the average value per metric ton of diatomite that was produced within the United States. Unit value data for the years 1908 and 1910 were interpolated from the unit value data series because production data were withheld for those years.

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 1913–26 and 1948 to the most recent were recorded from the MR and the MYB.

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, Mineral Commodity Summaries, 1997–2008.
U.S. Geological Survey, 1997–2008, Minerals Yearbook, v. I, 1995–2007.
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