

**PERLITE STATISTICS<sup>1</sup>**  
**U.S. GEOLOGICAL SURVEY**  
 [All values in metric tons (t) perlite unless otherwise noted]  
 Last modification: October 24, 2008

Year	Production	Imports	Exports	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
1946	4,170			4,170	5.90	49.20	
1947	9,480			9,480	6.12	44.70	
1948	20,000			20,000	6.68	45.10	
1949	64,500			64,500	7.90	54.10	
1950	92,100			92,100	7.04	47.60	
1951	139,000			139,000	6.16	38.50	
1952	150,000			150,000	6.70	41.10	
1953	180,000			180,000	7.98	48.70	
1954	200,000			200,000	8.82	53.50	
1955	259,000			259,000	8.79	53.60	
1956	281,000			281,000	9.07	54.30	
1957	273,000			273,000	9.38	54.50	
1958	265,000			265,000	9.29	52.50	
1959	295,000			295,000	9.28	51.80	
1960	283,000			283,000	9.41	51.70	
1961	281,000			281,000	9.47	51.80	
1962	290,000			290,000	9.17	49.60	
1963	295,000			295,000	9.25	49.20	
1964	318,000			318,000	9.68	51.00	
1965	356,000			356,000	9.42	48.80	
1966	367,000			367,000	10.70	53.80	
1967	375,000			375,000	10.60	51.70	
1968	388,000			388,000	10.90	51.20	
1969	427,000			427,000	11.90	52.80	
1970	414,000			414,000	11.80	49.60	
1971	392,000			392,000	12.60	50.70	
1972	494,000			494,000	12.60	49.10	
1973	494,000			494,000	11.30	41.50	
1974	503,000			503,000	14.00	46.30	
1975	464,000			464,000	15.70	47.60	
1976	502,000			502,000	18.70	53.60	1,270,000
1977	542,000			542,000	19.90	53.50	1,360,000
1978	582,000			582,000	23.60	59.00	1,430,000
1979	599,000			599,000	27.40	61.50	1,470,000
1980	579,000			579,000	28.50	56.40	1,530,000
1981	536,000			536,000	32.60	58.50	1,680,000
1982	459,000	14,500	18,100	455,000	35.00	59.10	1,660,000
1983	430,000	32,700	15,400	447,000	36.40	59.60	1,540,000
1984	452,000	40,800	18,100	474,000	36.80	57.70	1,630,000
1985	470,000	47,200	18,100	499,000	37.30	56.50	1,630,000
1986	460,000	54,400	27,200	487,000	34.00	50.60	1,700,000
1987	484,000	59,000	31,800	511,000	34.10	48.90	1,790,000
1988	523,000	56,200	32,700	499,000	33.80	46.60	1,850,000
1989	545,000	59,000	45,000	559,000	33.00	43.40	1,850,000
1990	576,000	59,000	32,000	603,000	30.30	37.80	1,580,000
1991	514,000	54,000	29,000	540,000	29.30	35.10	1,490,000
1992	541,000	65,000	29,000	577,000	28.10	32.70	1,740,000
1993	569,000	70,000	26,000	613,000	30.70	34.60	1,540,000
1994	644,000	70,000	30,000	684,000	29.90	32.90	1,650,000
1995	700,000	84,000	40,000	744,000	30.90	33.10	1,800,000
1996	684,000	125,000	38,000	771,000	31.10	32.30	1,830,000
1997	706,000	135,000	38,000	803,000	33.00	33.50	1,900,000

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<b>Year</b>	<b>Production</b>	<b>Imports</b>	<b>Exports</b>	<b>Apparent consumption</b>	<b>Unit value (\$/t)</b>	<b>Unit value (98\$/t)</b>	<b>World production</b>
1998	685,000	150,000	42,000	793,000	31.90	31.90	1,820,000
1999	711,000	144,000	47,000	808,000	33.40	32.68	1,960,000
2000	672,000	180,000	43,000	809,000	33.80	32.00	1,940,000
2001	588,000	175,000	43,000	720,000	36.30	33.41	1,730,000
2002	521,000	224,000	42,000	703,000	36.50	33.07	1,810,000
2003	493,000	245,000	37,000	701,000	38.20	33.84	1,810,000
2004	508,000	238,000	37,000	709,000	41.87	36.13	1,860,000
2005	508,000	196,000	32,000	672,000	40.68	33.95	1,860,000
2006	454,000	245,000	30,000	669,000	42.90	34.69	1,810,000
2007	409,000	229,000	28,000	610,000	45.25	35.57	1,760,000

<sup>1</sup>Compiled by C.A. DiFrancesco (retired) and W.P. Bolen.

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

## Perlite Worksheet Notes

### Data Sources

The source of data for the perlite worksheet is the mineral statistics publication of the U.S. Bureau of Mines and the U.S. Geological Survey—Minerals Yearbook (MYB). 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. Data were not available prior to 1946 as perlite mining did not begin until the early 1940s.

### Production

Production data for crude perlite in the United States were derived by adding the “quantity sold” plus the “quantity used at own plant to make expanded material.” Data were from the MYB.

### Imports

Import data report the amounts of processed crude perlite imported into the United States. Data were from the MYB. Blank cells in the worksheet indicate that data were not available for the years 1946–81.

### Exports

Export data report the amounts of processed crude perlite exported from the United States. Data were from the MYB. Blank cells in the worksheet indicate that data were not available for the years 1946–82.

### Apparent Consumption

Apparent consumption was estimated for the years 1946–90, by using the formula:

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

Apparent consumption was taken from the MYB for the years 1991 to the most recent.

### Unit Value (\$/t)

Unit value is the value in dollars of 1 metric ton (t) of perlite apparent consumption. Data were from the MYB. Unit value was estimated in actual dollars using the formula:

$$\frac{(\text{VALUE OF CRUDE PERLITE SOLD} + \text{VALUE OF CRUDE PERLITE USED AT OWN PLANT TO MAKE EXPANDED MATERIAL})}{(\text{QUANTITY OF CRUDE PERLITE SOLD} + \text{VALUE OF CRUDE PERLITE USED AT OWN PLANT TO MAKE EXPANDED MATERIAL})}.$$

### 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 were for crude and processed perlite produced. Data were from the MYB. Blank cells in the worksheet indicate that data were not available for the years 1946–75.

### References

U.S. Bureau of Mines, 1948–96, Minerals Yearbook, 1946–94.

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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