

**PERLITE STATISTICS<sup>1</sup>**  
**U.S. GEOLOGICAL SURVEY**

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

Last modification: November 15, 2012

<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>
1946	4,170	NA	NA	4,170	5.90	49.20	NA
1947	9,480	NA	NA	9,480	6.12	44.70	NA
1948	20,000	NA	NA	20,000	6.68	45.10	NA
1949	64,500	NA	NA	64,500	7.90	54.10	NA
1950	92,100	NA	NA	92,100	7.04	47.60	NA
1951	139,000	NA	NA	139,000	6.16	38.50	NA
1952	150,000	NA	NA	150,000	6.70	41.10	NA
1953	180,000	NA	NA	180,000	7.98	48.70	NA
1954	200,000	NA	NA	200,000	8.82	53.50	NA
1955	259,000	NA	NA	259,000	8.79	53.60	NA
1956	281,000	NA	NA	281,000	9.07	54.30	NA
1957	273,000	NA	NA	273,000	9.38	54.50	NA
1958	265,000	NA	NA	265,000	9.29	52.50	NA
1959	295,000	NA	NA	295,000	9.28	51.80	NA
1960	283,000	NA	NA	283,000	9.41	51.70	NA
1961	281,000	NA	NA	281,000	9.47	51.80	NA
1962	290,000	NA	NA	290,000	9.17	49.60	NA
1963	295,000	NA	NA	295,000	9.25	49.20	NA
1964	318,000	NA	NA	318,000	9.68	51.00	NA
1965	356,000	NA	NA	356,000	9.42	48.80	NA
1966	367,000	NA	NA	367,000	10.70	53.80	NA
1967	375,000	NA	NA	375,000	10.60	51.70	NA
1968	388,000	NA	NA	388,000	10.90	51.20	NA
1969	427,000	NA	NA	427,000	11.90	52.80	NA
1970	414,000	NA	NA	414,000	11.80	49.60	NA
1971	392,000	NA	NA	392,000	12.60	50.70	NA
1972	494,000	NA	NA	494,000	12.60	49.10	NA
1973	494,000	NA	NA	494,000	11.30	41.50	NA
1974	503,000	NA	NA	503,000	14.00	46.30	NA
1975	464,000	NA	NA	464,000	15.70	47.60	NA
1976	502,000	NA	NA	502,000	18.70	53.60	1,270,000
1977	542,000	NA	NA	542,000	19.90	53.50	1,360,000
1978	582,000	NA	NA	582,000	23.60	59.00	1,430,000
1979	599,000	NA	NA	599,000	27.40	61.50	1,470,000
1980	579,000	NA	NA	579,000	28.50	56.40	1,530,000
1981	536,000	NA	NA	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

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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>
1997	706,000	135,000	38,000	803,000	33.00	33.50	1,900,000
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	32.70	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	33.40	1,730,000
2002	521,000	224,000	42,000	703,000	36.50	33.10	1,810,000
2003	493,000	245,000	37,000	701,000	38.20	33.80	1,810,000
2004	508,000	238,000	37,000	709,000	41.90	36.10	1,870,000
2005	508,000	196,000	32,000	672,000	40.70	34.00	1,790,000
2006	454,000	245,000	30,000	669,000	42.90	34.70	1,800,000
2007	409,000	229,000	28,000	610,000	45.30	35.60	1,760,000
2008	434,000	187,000	37,000	584,000	48.00	36.30	1,780,000
2009	348,000	153,000	33,000	468,000	49.00	37.20	1,650,000
2010	414,000	174,000	42,000	546,000	52.00	38.90	1,660,000
2011	420,000	193,000	36,000	577,000	56.00	40.60	1,770,000

NA Not available.

<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. 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. Data were not available for 1946–81.

### Exports

Export data report the amounts of processed crude perlite exported from the United States. Data were from the MYB. Data were not available for 1946–82.

### Apparent Consumption

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

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

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

### 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 1946–75.

### References

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

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/>.

### For more information, please contact:

[USGS Perlite Commodity Specialist](#)