

**MICA (NATURAL), SHEET STATISTICS<sup>1</sup>**

**U.S. GEOLOGICAL SURVEY**

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

Last modification: December 15, 2008

| <b>Year</b> | <b>Production</b> | <b>Imports</b> | <b>Exports</b> | <b>Stocks</b> | <b>Shipments</b> | <b>Apparent consumption</b> | <b>Unit value (\$/t)</b> | <b>Unit value (98\$/t)</b> | <b>World production</b> |
|-------------|-------------------|----------------|----------------|---------------|------------------|-----------------------------|--------------------------|----------------------------|-------------------------|
| 1900        | 207               | 887            |                |               |                  | 6,080                       | 448                      | 8,800                      | 1,140                   |
| 1901        | 163               | 761            |                |               |                  | 2,890                       | 605                      | 12,000                     | 1,320                   |
| 1902        | 169               | 1,020          |                |               |                  | 2,460                       | 495                      | 9,300                      | 1,280                   |
| 1903        | 281               | 645            |                |               |                  | 2,430                       | 420                      | 7,600                      | 1,410                   |
| 1904        | 303               | 520            |                |               |                  | 1,820                       | 361                      | 6,600                      | 1,320                   |
| 1905        | 420               | 723            |                |               |                  | 2,160                       | 383                      | 7,000                      | 1,600                   |
| 1906        | 646               | 1,390          |                |               |                  | 3,390                       | 391                      | 7,100                      | 3,330                   |
| 1907        | 481               | 1,060          |                |               |                  | 4,290                       | 726                      | 13,000                     | 3,250                   |
| 1908        | 441               | 249            |                |               |                  | 2,880                       | 530                      | 9,600                      | 3,180                   |
| 1909        | 821               | 838            |                |               |                  | 5,390                       | 286                      | 5,200                      | 2,590                   |
| 1910        | 1,120             | 890            |                |               |                  | 5,730                       | 243                      | 4,300                      | 2,650                   |
| 1911        | 856               | 603            | 189            |               |                  | 4,530                       | 353                      | 6,200                      | 2,850                   |
| 1912        | 384               | 902            | 162            |               |                  | 4,190                       | 728                      | 12,000                     | 2,830                   |
| 1913        | 771               | 929            | 135            |               |                  | 6,590                       | 463                      | 7,630                      | 3,520                   |
| 1914        | 253               | 164            | 212            |               |                  | 3,970                       | 1,100                    | 17,900                     | 2,380                   |
| 1915        | 251               | 197            | 24.6           |               |                  | 4,360                       | 1,500                    | 24,200                     | 1,720                   |
| 1916        | 393               | 319            | 28.7           |               |                  | 5,130                       | 1,340                    | 20,000                     | 3,220                   |
| 1917        | 579               | 298            | 5.34           |               |                  | 4,063                       | 1,300                    | 16,600                     | 3,380                   |
| 1918        | 746               | 336            |                |               |                  | 2,997                       | 981                      | 10,600                     | 3,860                   |
| 1919        | 701               | 328            |                |               |                  | 1,930                       | 690                      | 6,510                      |                         |
| 1920        | 764               | 589            |                |               |                  | 2,650                       | 716                      | 5,820                      |                         |
| 1921        | 336               | 149            |                |               |                  | 1,010                       | 352                      | 3,200                      |                         |
| 1922        | 489               | 0              |                |               |                  | 489                         | 397                      | 3,850                      |                         |
| 1923        | 936               | 2,480          |                |               |                  | 3,410                       | 333                      | 3,170                      |                         |
| 1924        | 663               | 212            |                |               |                  | 875                         | 320                      | 3,050                      |                         |
| 1925        | 814               | 1,980          |                |               |                  | 2,790                       | 396                      | 3,700                      | 6,710                   |
| 1926        | 985               | 3,110          |                |               |                  | 4,100                       | 406                      | 3,720                      | 6,360                   |
| 1927        | 686               | 1,490          |                |               |                  | 2,180                       | 310                      | 2,900                      | 5,780                   |
| 1928        | 763               | 1,670          |                |               |                  | 2,440                       | 303                      | 2,890                      | 6,910                   |
| 1929        | 923               | 3,180          |                |               |                  | 4,100                       | 309                      | 2,940                      | 7,660                   |
| 1930        | 665               | 1,660          |                |               |                  | 2,330                       | 265                      | 2,600                      | 5,650                   |
| 1931        | 437               | 749            |                | 608           |                  | 578                         | 265                      | 2,840                      | 3,620                   |
| 1932        | 154               | 552            |                | 824           |                  | 489                         | 309                      | 3,680                      | 2,880                   |
| 1933        | 165               | 755            |                | 739           |                  | 1,006                       | 331                      | 4,150                      | 3,460                   |
| 1934        | 265               | 1,320          |                | 604           |                  | 1,716                       | 331                      | 4,030                      | 5,850                   |
| 1935        | 425               | 1,710          |                | 619           |                  | 2,121                       | 375                      | 4,460                      | 8,760                   |
| 1936        | 598               | 2,470          |                | 706           |                  | 2,978                       | 331                      | 3,880                      | 7,940                   |
| 1937        | 748               | 4,600          | 238            | 2,020         |                  | 3,802                       | 375                      | 4,250                      | 11,400                  |
| 1938        | 426               | 1,110          | 343            | 757           |                  | 2,454                       | 331                      | 3,830                      | 8,070                   |
| 1939        | 369               | 1,670          | 296            | 1,580         |                  | 919                         | 375                      | 4,400                      | 8,610                   |
| 1940        | 737               | 4,090          | 179            | 2,460         |                  | 3,771                       | 397                      | 4,620                      | 9,690                   |
| 1941        | 1,210             | 6,310          | 258            | 4,180         |                  | 7,260                       | 463                      | 5,130                      | 14,100                  |
| 1942        | 1,250             | 4,350          | 253            | 2,600         |                  | 8,850                       | 573                      | 5,730                      | 12,200                  |
| 1943        | 1,560             | 6,350          | 195            | 2,050         |                  | 11,600                      | 2,070                    | 19,500                     | 11,300                  |
| 1944        | 691               | 4,140          | 185            | 1,810         |                  | 4,650                       | 4,720                    | 43,700                     | 8,360                   |
| 1945        | 589               | 5,120          | 198            | 1,390         |                  | 5,500                       | 1,260                    | 11,500                     | 8,810                   |
| 1946        | 489               | 4,270          | 354            | 3,550         |                  | 6,790                       | 441                      | 3,680                      | 11,900                  |
| 1947        | 189               | 3,630          | 291            | 2,880         |                  | 5,090                       | 617                      | 4,500                      | 10,900                  |
| 1948        | 122               | 8,870          | 244            | 1,690         |                  | 8,750                       | 375                      | 2,530                      | 14,700                  |
| 1949        | 233               | 9,720          | 97.9           | 1,980         |                  | 9,820                       | 573                      | 3,920                      | 12,700                  |
| 1950        | 263               | 12,500         | 239            | 2,790         |                  | 12,600                      | 485                      | 3,280                      | 16,200                  |
| 1951        | 270               | 11,500         | 296            | 4,690         |                  | 11,400                      | 595                      | 3,720                      | 19,200                  |

**MICA (NATURAL), SHEET STATISTICS<sup>1</sup>**

**U.S. GEOLOGICAL SURVEY**

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

Last modification: December 15, 2008

| <b>Year</b> | <b>Production</b> | <b>Imports</b> | <b>Exports</b> | <b>Stocks</b> | <b>Shipments</b> | <b>Apparent consumption</b> | <b>Unit value (\$/t)</b> | <b>Unit value (98\$/t)</b> | <b>World production</b> |
|-------------|-------------------|----------------|----------------|---------------|------------------|-----------------------------|--------------------------|----------------------------|-------------------------|
| 1952        | 317               | 6,000          | 375            | 3,990         |                  | 5,660                       | 2,870                    | 17,600                     | 11,300                  |
| 1953        | 385               | 5,920          | 110            | 3,230         | -71.6            | 6,540                       | 5,600                    | 34,100                     | 11,000                  |
| 1954        | 303               | 3,790          | 272            | 2,510         | -90.2            | 3,820                       | 7,890                    | 47,800                     | 9,560                   |
| 1955        | 291               | 4,200          | 372            | 2,990         | -106             | 6,300                       | 11,600                   | 70,700                     | 11,900                  |
| 1956        | 403               | 4,350          | 404            | 2,470         | -99.2            | 5,770                       | 6,840                    | 41,000                     | 12,000                  |
| 1957        | 313               | 4,310          | 659            | 2,390         | -86.9            | 5,160                       | 7,960                    | 46,300                     | 12,600                  |
| 1958        | 300               | 4,820          | 583            | 1,680         | -95.4            | 3,710                       | 9,490                    | 53,600                     | 11,900                  |
| 1959        | 320               | 4,580          | 585            | 1,540         | -127             | 4,540                       | 10,700                   | 59,800                     | 12,900                  |
| 1960        | 266               | 4,340          | 429            | 1,430         | -120             | 4,080                       | 11,700                   | 64,300                     | 13,100                  |
| 1961        | 239               | 2,970          | 238            | 1,270         | -102             | 3,650                       | 14,200                   | 77,600                     |                         |
| 1962        | 165               | 5,370          | 285            | 1,690         | -46.0            | 4,330                       | 7,890                    | 42,600                     |                         |
| 1963        | 46.7              | 4,640          | 362            | 1,400         | 0                | 4,070                       | 278                      | 1,480                      |                         |
| 1964        | 110               | 5,040          | 374            | 3,450         | 0                | 4,640                       | 526                      | 2,770                      |                         |
| 1965        | 279               | 5,430          | 237            | 4,820         | 0                | 4,950                       | 661                      | 3,420                      |                         |
| 1966        | 3.63              | 4,690          | 372            | 2,340         | 0                | 4,500                       | 287                      | 1,440                      |                         |
| 1967        | 9.98              | 3,050          | 27.2           | 1,840         | 0                | 3,560                       | 1,450                    | 7,070                      |                         |
| 1968        | 7.26              | 2,900          | 454            | 1,580         | 0                | 2,910                       | 1,470                    | 6,900                      | 9,250                   |
| 1969        |                   | 3,080          | 635            | 1,570         | 0                | 2,980                       | 1,280                    | 5,684                      | 11,400                  |
| 1970        | 0                 | 2,340          | 318            | 1,200         | 562              | 2,960                       | 1,200                    | 5,042                      | 8,850                   |
| 1971        | 7.71              | 2,570          | 1,060          | 962           | 726              | 2,490                       | 1,320                    | 5,312                      | 10,200                  |
| 1972        | 6.35              | 2,750          | 3,070          | 1,140         | 2,970            | 2,480                       | 1,210                    | 4,719                      | 11,400                  |
| 1973        | 13.6              | 2,180          | 2,930          | 916           | 3,430            | 2,920                       | 1,020                    | 3,744                      | 13,400                  |
| 1974        | 9.07              | 2,650          | 3,510          | 1,780         | 4,870            | 4,010                       | 1,230                    | 4,066                      | 18,600                  |
| 1975        | 2.27              | 2,130          | 1,190          | 1,840         | 1,560            | 2,440                       | 1,480                    | 4,483                      | 51,300                  |
| 1976        | 2.27              | 1,530          | 762            | 1,690         | 1,600            | 1,610                       | 1,610                    | 4,612                      | 20,100                  |
| 1977        | 0                 | 1,210          | 363            | 1,960         | 1,510            | 2,080                       | 1,570                    | 4,223                      | 22,600                  |
| 1978        | 0                 | 2,060          | 181            | 2,360         | 1,150            | 2,620                       | 1,430                    | 3,575                      | 8,300                   |
| 1979        | 0                 | 2,210          | 635            | 2,400         | 802              | 2,360                       | 1,810                    | 4,064                      | 7,760                   |
| 1980        | 0                 | 2,650          | 1,090          | 2,430         | 1,490            | 2,060                       | 1,740                    | 3,442                      | 9,370                   |
| 1981        | 0                 | 1,890          | 782            | 1,930         | 451              | 2,070                       | 1,640                    | 2,941                      | 6,240                   |
| 1982        | 0                 | 1,770          | 748            | 2,090         | 383              | 1,240                       | 1,990                    | 3,361                      | 7,510                   |
| 1983        | 0                 | 1,190          | 549            | 1,850         | 116              | 1,000                       | 1,740                    | 2,848                      | 6,210                   |
| 1984        | 0                 | 1,060          | 868            | 1,710         | 776              | 1,110                       | 1,890                    | 2,965                      | 6,210                   |
| 1985        | 0                 | 1,210          | 756            | 1,850         | 788              | 1,100                       | 2,060                    | 3,121                      | 6,170                   |
| 1986        | 0                 | 1,800          | 974            | 1,640         | 0                | 1,030                       | 2,080                    | 3,093                      | 7,390                   |
| 1987        | 0                 | 1,860          | 768            | 1,820         | 65.0             | 986                         | 1,940                    | 2,784                      | 7,390                   |
| 1988        | 0                 | 2,350          | 875            | 2,230         | 55.0             | 1,120                       | 1,930                    | 2,659                      | 12,200                  |
| 1989        | 0                 | 2,750          | 475            | 2,270         | 8.00             | 2,240                       | 1,850                    | 2,432                      | 12,500                  |
| 1990        | 0                 | 2,700          | 760            | 2,310         | 32.0             | 1,930                       | 2,190                    | 2,731                      | 7,300                   |
| 1991        | 0                 | 2,340          | 616            | 2,250         | 2.00             | 1,780                       | 2,120                    | 2,537                      | 6,600                   |
| 1992        | 0                 | 3,460          | 606            | 3,120         | 264              | 2,250                       | 2,090                    | 2,428                      | 6,200                   |
| 1993        | 0                 | 4,310          | 909            | 502           | 165              | 2,180                       | 2,110                    | 2,380                      | 5,400                   |
| 1994        | 0                 | 2,610          | 1,000          | 503           | 134              | 1,740                       | 2,170                    | 2,387                      | 5,400                   |
| 1995        | 0                 | 4,230          | 935            | 466           | 511              | 3,800                       | 2,450                    | 2,620                      | 3,800                   |
| 1996        | 0                 | 6,330          | 831            | 416           | 1,110            | 6,540                       | 2,120                    | 2,202                      | 3,800                   |
| 1997        | 0                 | 5,760          | 1,060          | 445           | 326              | 5,030                       | 1,970                    | 2,001                      | 3,800                   |
| 1998        | 0                 | 4,380          | 1,280          | 424           | 557              | 3,660                       | 1,890                    | 1,890                      | 3,700                   |
| 1999        | 0                 | 4,550          | 1,290          | 411           | 708              | 3,980                       | 1,830                    | 1,791                      | 5,200                   |
| 2000        | 0                 | 5,430          | 1,150          | 514           | 1,230            | 5,500                       | 2,026                    | 1,919                      | 5,200                   |
| 2001        | 0                 | 4,290          | 1,160          | 515           | 901              | 4,990                       | 1,885                    | 1,735                      | 5,200                   |
| 2002        | 0                 | 1,580          | 723            | 436           | 894              | 1,750                       | 2,047                    | 1,800                      | 5,200                   |
| 2003        | 0                 | 1,130          | 917            | 513           | 1,670            | 1,390                       | 1,935                    | 1,713                      | 5,200                   |

**MICA (NATURAL), SHEET STATISTICS<sup>1</sup>**

**U.S. GEOLOGICAL SURVEY**

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

Last modification: December 15, 2008

| <b>Year</b> | <b>Production</b> | <b>Imports</b> | <b>Exports</b> | <b>Stocks</b> | <b>Shipments</b> | <b>Apparent consumption</b> | <b>Unit value (\$/t)</b> | <b>Unit value (98\$/t)</b> | <b>World production</b> |
|-------------|-------------------|----------------|----------------|---------------|------------------|-----------------------------|--------------------------|----------------------------|-------------------------|
| 2004        | 0                 | 1,400          | 1,090          | 514           | 18               | 328                         | 1,925                    | 1,661                      | 5,200                   |
| 2005        | 0                 | 1,390          | 1,430          | 505           | 38               | 3                           | 3,775                    | 3,150                      | 5,200                   |
| 2006        | 0                 | 1,770          | 1,400          | 505           | 6                | 380                         | 720                      | 582                        | 5,200                   |
| 2007        | 0                 | 1,950          | 1,300          | 0             | 7                | 683                         | 1,911                    | 1,502                      | 5,200                   |

<sup>1</sup>Compiled by C.A. DiFrancesco (retired) and J.B. Hedrick.

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

## Mica (Natural), Sheet Worksheet Notes

### Data Sources

The sources of data for the mica (natural) sheet worksheet are the mineral statistics publications of the U.S. Bureau of Mines (USBM) and the U.S. Geological Survey—Minerals Yearbook (MYB) and its predecessor, Mineral Resources of the United States (MR); Mineral Commodity Summaries (MCS) and its predecessor, Commodity Data Summaries (CDS); and USBM Information Circular 8125 (Skow, 1962) (IC 8125). 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 either not available or were withheld because they are proprietary.

### Production

Production data report the amount of natural sheet mica sold or used in the United States. Data were from the MR and the MYB for the years 1900–64 and from the CDS and the MCS for the years 1965–68, 1971–76, and 1977 to the most recent. Blank cells in the worksheet indicate that data were not available for the years 1969–70. For the years 1977 to the most recent, data were less than ½ metric ton (t), and were rounded to zero.

### Imports

Import data report the amount of natural sheet mica imported into the United States. Data were from the MR and the MYB for the years 1900–64 and from the CDS and the MCS for the years 1965 to the most recent.

### Exports

Export data report the amount of natural sheet mica exported from the United States. Blank cells in the worksheet indicate that data were not available for the years 1900–10 and 1918–36. Data were from the MR and the MYB for the years 1911–17 and 1937–64 and from the CDS and the MCS for the years 1965–99. Data for the years 2000–03 are unpublished revisions provided by the Commodity Specialist. Data for the years 2004–07 are from the 2009 MCS.

### Stocks

Stocks data report the amount of natural sheet mica held in stocks. Blank cells in the worksheet indicate that data were not available for the years 1900–30. Data were from the MR and the MYB for the years 1931–64 and from the CDS and the MCS for the years 1965–90. Data for the years 1991 to the most recent are unpublished revisions provided by the Commodity Specialist.

### Government Shipments

Government shipments data were for shipments for the U.S. Government stockpile. Negative numbers for government shipments indicate U.S. Government purchases for natural sheet mica. Blank cells in the worksheet indicate that data were not available for the years 1900–52. Data were from the MYB for the years 1953–64 and from the CDS and the MCS for the years 1965–2000 and 2002. Data for the years 2001 and 2003 are unpublished revisions provided by the Commodity Specialist. Data for the years 2004 to the most recent are from the MCS.

### Apparent Consumption

Apparent consumption was taken from the MYB for the years 1900–16, 1919–21, and 1941–65. Apparent consumption was estimated for the years 1922–37 and 1939–40 by using the formula:

$$\text{APPARENT CONSUMPTION} = \text{PRODUCTION} + \text{IMPORTS} - \text{EXPORTS} \pm \text{CHANGES IN STOCKS} \pm \text{GOVERNMENT SHIPMENTS.}$$

Apparent consumption was interpolated for the years 1917–18 and 1938. Data came from the MCS for the years 1966 to the most recent.

### Unit Value (\$/t)

Unit value is the value in dollars of 1 t of natural sheet mica apparent consumption. Unit value was for sheet mica for the years 1900–64 and was estimated in actual U.S. dollars for the years 1965 to the most recent by averaging the price for block, film, and split mica. Data were from the MR and the MYB for the years 1900–64 and from the CDS and the MCS for the years 1965 to the most recent.

### 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 natural sheet mica produced. Data were from the MR and the MYB for the years 1900–18, from IC 8125 for the years 1925–60 and from the CDS and the MCS for the years 1968 to the most recent. Blank cells in the worksheet indicate that data were not available for the years 1919–24 and 1961–67.

**References**

- Skow, M.L., 1962, Mica—A materials survey: U.S. Bureau of Mines Information Circular 8125, 241 p.
- U.S. Bureau of Mines, 1927–34, Mineral Resources of the United States, 1924–31.
- U.S. Bureau of Mines, 1933–66, Minerals Yearbook, 1932–65.
- U.S. Bureau of Mines, 1970–77, Commodity Data Summaries, 1970–77.
- U.S. Bureau of Mines, 1978–95, Mineral Commodity Summaries, 1978–95.
- 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 and U.S. Bureau of Mines, 1996, Mineral Commodity Summaries, 1996.

**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:**

[USGS Mica Commodity Specialist](#)