

Table 872. Principal Fuels, Nonmetals, and Metals—World Production and the U.S. Share: 1990 to 2006

[In millions of short tons (5,348 represents 5,348,000,000), except as indicated; see Appendix IV]

| Mineral | Unit | World production | | | | Percent U.S. of world | | | |
|--------------------------------------|-------------------|------------------|--------|--------|--------------------|-----------------------|------|------|------------------|
| | | 1990 | 1995 | 2000 | 2006 | 1990 | 1995 | 2000 | 2006 |
| Fuels:¹ | | | | | | | | | |
| Coal | Mil. sh. tons | 5,348 | 5,096 | 4,935 | (NA) | 19 | 20 | 22 | (NA) |
| Petroleum (crude) | Bill. bbl. | 22.1 | 22.8 | 25.0 | (NA) | 12 | 11 | 9 | (NA) |
| Natural gas (dry, marketable) | Tril. cu. ft. | 73.6 | 78.0 | 88.3 | (NA) | 24 | 24 | 22 | (NA) |
| Natural gas plant liquids | Bill. bbl. | 1.7 | 2.1 | 2.4 | (NA) | 34 | 31 | 29 | (NA) |
| Nonmetals: | | | | | | | | | |
| Asbestos | 1,000 metric tons | 4,010 | 2,180 | 2,110 | 2,300 | (D) | (Z) | (Z) | — |
| Barite | 1,000 metric tons | 5,770 | 4,870 | 6,470 | 8,080 | 7 | 11 | 6 | 7 |
| Feldspar | 1,000 metric tons | 5,990 | 7,910 | 9,580 | 13,300 | 11 | 11 | 8 | 6 |
| Fluorspar | 1,000 metric tons | 5,120 | 4,170 | 4,470 | 5,350 | 1 | 1 | (NA) | — |
| Gypsum | Mil. metric tons | 104 | 98 | 106 | 119 | 15 | 17 | 19 | 18 |
| Mica (incl. scrap) | 1,000 metric tons | 217 | 328 | 328 | 280 | 51 | 43 | 31 | 33 |
| Nitrogen (N content) | Mil. metric tons | 98 | 100 | 108 | 122 | 13 | 13 | 11 | 6 |
| Phosphate rock (gross wt.) | Mil. metric tons | 162 | 130 | 132 | 145 | 29 | 33 | 30 | 21 |
| Potash (K ₂ O equivalent) | Mil. metric tons | 28 | 25 | 27 | 30 | 6 | 6 | 4 | 4 |
| Sulfur, elemental basis | Mil. metric tons | 58 | 54 | 58 | 66 | 20 | 22 | 19 | 14 |
| Metals, mine basis: | | | | | | | | | |
| Bauxite | Mil. metric tons | 113 | 112 | 136 | 177 | (D) | (D) | (NA) | (NA) |
| Columbian concentrates (Nb content) | 1,000 metric tons | 12 | 18 | 33 | 60 | — | — | — | — |
| Copper | 1,000 metric tons | 8,950 | 10,100 | 13,200 | 15,000 | 18 | 18 | 11 | 8 |
| Gold | Metric tons | 2,180 | 2,230 | 2,590 | 2,500 | 14 | 14 | 14 | 10 |
| Iron ore (gross wt.) | Mil. metric tons | 983 | 1,030 | 1,070 | 1,690 | 6 | 6 | 6 | 3 |
| Lead ² | 1,000 metric tons | 3,370 | 2,830 | 3,184 | 3,360 | 15 | 14 | 15 | 13 |
| Mercury | Metric tons | 4,523 | 3,160 | 1,350 | 1,400 | 12 | (D) | (NA) | (D) |
| Molybdenum | 1,000 metric tons | 111 | 126 | 133 | 179 | 55 | 48 | 31 | 34 |
| Nickel ² | 1,000 metric tons | 974 | 1,040 | 1,270 | 1,550 | (Z) | (Z) | (Z) | — |
| Silver | 1,000 metric tons | 16 | 15 | 18 | 20 | 13 | 10 | 11 | 6 |
| Tantalum concentrates (Ta content) | Metric tons | 344 | 356 | 1,040 | 1,290 | — | — | — | — |
| Titanium concentrates: | | | | | | | | | |
| Ilmenite (gross wt.) | 1,000 metric tons | 4,070 | 4,010 | 5,010 | ³ 4,080 | (D) | (D) | 7 | ^{3,4} 6 |
| Rutile (gross wt.) | 1,000 metric tons | 481 | 416 | 387 | ⁴ 462 | (D) | (D) | (D) | (D) |
| Tungsten | 1,000 metric tons | 52 | 39 | 44 | 73 | (D) | — | (NA) | — |
| Vanadium ² | 1,000 metric tons | 33 | 34 | 56 | 62 | 6 | 6 | — | — |
| Zinc ⁵ | 1,000 metric tons | 7,180 | 7,280 | 8,788 | 10,000 | 7 | 8 | 10 | 7 |
| Metals, smelter basis: | | | | | | | | | |
| Aluminum | 1,000 metric tons | 19,300 | 19,700 | 24,400 | 33,100 | 21 | 17 | 15 | 7 |
| Cadmium | 1,000 metric tons | 20 | 20 | 20 | 21 | 8 | 7 | 10 | 4 |
| Copper | 1,000 metric tons | 9,472 | 10,400 | 11,000 | 13,900 | 15 | 15 | 9 | 4 |
| Iron, pig | Mil. metric tons | 539 | 525 | 573 | 858 | 9 | 10 | 8 | 5 |
| Lead | 1,000 metric tons | 5,950 | 5,590 | 6,580 | 4,840 | 22 | 25 | 22 | 26 |
| Magnesium ⁴ | 1,000 metric tons | 354 | 395 | 428 | 650 | 39 | 36 | (D) | (D) |
| Raw Steel | Mil. metric tons | 777 | 752 | 845 | 1,200 | 12 | 13 | 12 | 8 |
| Tin | 1,000 metric tons | 220 | 189 | 271 | 273 | — | — | 2 | — |
| Zinc | 1,000 metric tons | 7,180 | 7,370 | 9,137 | 10,800 | 5 | 5 | 4 | 3 |

— Represents or rounds to zero. D Withheld to avoid disclosing company data. NA Not available. Z Less than half the unit of measure. ¹ Source: Energy Information Administration, *International Energy Annual*. ² Content of ore and concentrate. ³ Includes U.S. production of rutile. ⁴ Primary production; no smelter processing necessary. ⁵ Excludes U.S. production. ⁶ Refinery production. ⁷ Production from primary sources only.

Source: Nonfuels, through 1990, U.S. Bureau of Mines, thereafter, U.S. Geological Survey, *Minerals Yearbook*, annual, and *Mineral Commodities Summaries*, annual; fuels, U.S. Energy Information Administration, *International Energy Annual*. See also <<http://minerals.er.usgs.gov/minerals/pubs/mcs/2007/mcs2007.pdf>> (published 12 January 2007).