

Table 905. Nonfuel Mineral Commodities—Summary: 2010

[1,720 represents 1,720,000. Preliminary estimates. Average price in dollars per metric tons except as noted. <= Less than]

Mineral	Unit	Mineral disposition				Average price per unit (dollars)	Employment (number)
		Production	Exports	Net import reliance ^{1,2} (percent)	Consumption, apparent		
Aluminum	1,000 metric tons	1,720	1,900	38	4,610	⁴ 1.02	33,500
Antimony (contained)	Metric tons	⁵ —	1,900	93	21,600	⁴ 3.70	15
Asbestos	1,000 metric tons	—	(A)	100	1	⁶ 656	(NA)
Barite	1,000 metric tons	670	20	76	2,800	⁶ 54	350
Bauxite and alumina (metal equivalent)	1,000 metric tons	(NA)	861	100	2,070	^{6, 7} 2.77	(NA)
Beryllium (contained)	Metric tons	170	40	47	320	⁴ 230	(NA)
Bismuth (contained)	Metric tons	—	350	94	910	⁴ 8.22	(NA)
Boron (B ₂ O ₃ content)	1,000 metric tons	(D)	250	^(3, 8) —	(D)	^{6, 9} 360	1,240
Bromine (contained)	1,000 metric tons	(D)	8	<25	(D)	^{10, 11} 3.90	950
Cadmium (contained)	Metric tons	⁵ 650	40	^(3, 12) —	572	^{10, 13} 3.90	(NA)
Cement	1,000 metric tons	¹⁴ 62,800	1,000	8	69,500	⁶ 92	12,000
Chromium	1,000 metric tons	¹⁵ 160	200	56	360	⁶ 230	(NA)
Clays	1,000 metric tons	¹⁷ 27,000	4,700	⁽³⁾ —	23,000	(NA)	4,870
Cobalt (contained)	Metric tons	¹⁵ 2,000	2,800	81	10,000	⁴ 21	(NA)
Copper (mine, recoverable)	1,000 metric tons	1,120	77	⁵ 30	1,780	⁴ 3.49	8,700
Diamond (industrial)	Million carats	93	100	77	546	⁶ 2.21	(NA)
Diatomite	1,000 metric tons	550	90	⁽³⁾ —	460	⁶ 250	1,020
Feldspar	1,000 metric tons	570	13	⁽³⁾ —	560	⁶ 64	570
Fluorspar	1,000 metric tons	(NA)	20	100	520	(NA)	(NA)
Garnet (industrial)	Metric tons	54,000	12,300	25	71,000	⁵⁰ 2,000	160
Gemstones	Million dollars	8.5	15,000	99	4,400	(NA)	1,100
Germanium (contained)	Kilograms	4,600	19,500	90	(NA)	¹⁰ 940	100
Gold (contained)	Metric tons	230	380	33	(NA)	¹⁹ 1,200	9,700
Graphite (crude)	1,000 metric tons	—	6	100	46	^{6, 20} 667	(NA)
Gypsum (crude)	1,000 metric tons	9,000	360	15	19,400	⁶ 5.5	4,500
Iodine	Metric tons	(D)	1,000	88	(D)	^{10, 21} 24	30
Iron ore (usable)	Million metric tons	²² 50	11	⁽³⁾ —	47	⁶ 90	4,700
Iron and steel scrap (metal)	Million metric tons	83	19	⁽³⁾ —	51	^{6, 23} 335	30,000
Iron and steel slag (metal)	1,000 metric tons	²⁴ 15	<0.1	10	15.0	⁶ 20	2,100
Lead (contained)	1,000 metric tons	385	270	⁽³⁾ —	1,500	⁴ 1.06	2,940
Lime	1,000 metric tons	18,000	150	2	18,000	^{6, 25} 105	5,000
Magnesium compounds	1,000 metric tons	243	16	53	522	(NA)	300
Magnesium metal	1,000 metric tons	(D)	16	34	100	⁴ 2.60	400
Manganese (gross weight)	1,000 metric tons	—	18	100	720	²⁶ 8	(NA)
Mercury	Metric tons	¹⁵ (NA)	500	⁽³⁾ —	(NA)	²⁷ 900	(NA)
Mica, scrap and flake	1,000 metric tons	53	7	27	73	⁶ 140	(NA)
Molybdenum (contained)	Metric tons	56,000	28,000	⁽³⁾ —	48,000	¹⁰ 15.80	940
Nickel (contained) ²⁸	Metric tons	(D)	87,000	43	229,000	² 9 21,800	(NA)
Niobium (contained)	Metric tons	—	170	100	8,300	⁶ 37,500	(NA)
Nitrogen (fixed)-ammonia	1,000 metric tons	8,300	8	43	14,700	^{6, 30} 390	1,050
Peat	1,000 metric tons	612	73	59	1,500	⁶ 24.80	610
Perlite	1,000 metric tons	375	34	25	500	⁶ 52	102
Phosphate rock	1,000 metric tons	26,100	—	15	(NA)	⁶ 50	2,300
Platinum-group metals	Kilograms	³¹ 15,100	54,000	³¹ 94	³ 2 (NA)	^{19, 33} 1,600	1,300
Potash (K ₂ O equivalent)	1,000 metric tons	900	380	83	5,200	^{6, 34} 600	1,190
Pumice and pumicite	1,000 metric tons	400	13	7	430	⁶ 30	145
Salt	1,000 metric tons	45,000	1,000	24	59,000	^{6, 35} 170	4,100
Silicon (contained)	1,000 metric tons	³⁶ (D)	³⁷ 130	³⁶ <50	³⁶ 290	³⁹ 110	(NA)
Silver (contained)	Metric tons	1,280	600	65	5,850	¹⁹ 17.75	850
Sodium carbonate (soda ash)	1,000 metric tons	10,000	5,000	⁽³⁾ —	5,000	⁴⁰ 260	2,400
Sodium sulfate	1,000 metric tons	300	190	⁽¹⁾ —	170	⁴¹ 140	225
Stone (crushed)	Million metric tons	1,150	1	1	1,190	⁶ 9.91	79,000
Sulfur (all forms)	1,000 metric tons	9,900	1,270	17	12,000	^{6, 42} 40	2,600
Talc	1,000 metric tons	530	240	⁽³⁾ —	460	⁶ 117	280
Thallium (contained)	Kilograms	—	850	100	(NA)	¹⁰ 5,930	(NA)
Tin (contained)	Metric tons	¹⁵ 14,100	8,400	69	38,020	⁴ 10.79	(NA)
Titanium dioxide	1,000 metric tons	1,400	250	⁽³⁾ —	786	^{6, 43} 2,187	3,400
Tungsten (contained)	Metric tons	¹⁵ 5,300	4,400	68	14,000	⁴⁴ 180	(NA)
Vermiculite	1,000 metric tons	100	2	22	130	⁶ 145	80
Zinc (contained)	1,000 metric tons	720	704	77	901	^{4, 45} 1.04	1,990
Zirconium (ZrO ₂)	Metric tons	(D)	34,000	⁽³⁾ —	(D)	^{6, 46} 850	(NA)

— Represents or rounds to zero. D Withheld to avoid disclosing company proprietary data. NA Not available. ¹ Data are rounded to no more than three significant digits; except prices. ² Calculated as a percent of apparent consumption. ³ Net exporter. ⁴ Dollars per pound. ⁵ Refinery production. ⁶ Dollars per metric ton. ⁷ Bauxite, average value U.S. imports (f.a.s.). ⁸ Boric acid, gross weight. ⁹ Granulated pentahydrate borax in bulk, f.o.b. mine. ¹⁰ Dollars per kilogram. ¹¹ Bulk, purified bromine. ¹² Metal only. ¹³ Average New York dealer price for 99.95% purity in 5-short-ton lots. Source: Platts Metals Week. ¹⁴ Excludes Puerto Rico. ¹⁵ Secondary production. ¹⁶ Unit value of imported chromite ore. Dollars per metric ton gross weight. ¹⁷ Excludes attapulgite. ¹⁸ Value of imports, dollars per carat. ¹⁹ Dollars per troy ounce. ²⁰ Price of flake imports. ²¹ C.i.f. value, crude, per kilogram. ²² Shipments of usable ore. ²³ Delivered, No. 1 Heavy Melting composite price. ²⁴ Sales include imports and reprocessed slag from past years and decades, and only some from current production. ²⁵ Quicklime only. ²⁶ 46%-48% Mn metallurgical ore, per unit contained Mn, c.i.f. U.S. ports. ²⁷ Dollars per 76-pound flask. ²⁸ Primary and secondary materials. ²⁹ London Metal Exchange cash price; dollars per metric ton. ³⁰ F.o.b. Gulf Coast. ³¹ Platinum and palladium. ³² Platinum. ³³ Dealer price of platinum. ³⁴ Price of K₂O, muriate. ³⁵ Vacuum and open pan, bulk, pellets and packaged, f.o.b. mine and plant. ³⁶ Silicon metal only. ³⁷ Ferrosilicon statistics include: Production (170,000 t), exports (15,000 t), and net import reliance (44%). ³⁸ Ferrosilicon only. ³⁹ Ferrosilicon, 50% Si; cents per pound. ⁴⁰ Quoted year-end price, dense, bulk, f.o.b. Green River, WY, dollars per short ton. ⁴¹ Quoted price, bulk, f.o.b. works, East, dollars per short ton. ⁴² Elemental sulfur, f.o.b. plant. ⁴³ Year-end. Unit value based on landed-duty-paid U.S. imports for consumption of pigment with 80% or more TiO₂. ⁴⁴ Dollars per metric ton unit WO₃ (7.93 kilograms of contained tungsten per metric ton unit). ⁴⁵ Platts Metals Week North American price for Special High Grade zinc. ⁴⁶ Price for domestic zircon.

Source: U.S. Geological Survey, Mineral Commodity Summaries, annual, January 2011. See also <http://minerals.er.usgs.gov/minerals/pubs/mcs/>.