

Table 868. Mineral Production: 1990 to 2006

[In millions of short tons (1,029.1 represents 1,029,100,000). Data represent production as measured by mine shipments, mine sales, or marketable production; see Appendix IV]

Minerals and Metals	Unit	1990	1995	2000	2005	2006, est.
FUEL MINERALS						
Coal, total	Mil. sh. tons	1,029.1	1,033.0	1,073.6	1,131.5	1,161.4
Bituminous	Mil. sh. tons	693.2	613.8	574.3	571.2	(NA)
Subbituminous	Mil. sh. tons	244.3	328.0	409.2	474.7	(NA)
Lignite	Mil. sh. tons	88.1	86.5	85.6	83.9	(NA)
Anthracite	Mil. sh. tons	3.5	4.7	4.6	1.7	(NA)
Natural gas (marketed production)	Tril. cu. ft.	18.59	19.51	20.20	18.95	19.36
Petroleum (crude)	Mil. bbl.	2,685	2,394	2,131	1,890	(NA)
Uranium (recoverable content)	Mil. lb.	8.9	6.0	4.0	2.7	(NA)
NONFUEL MINERALS						
Asbestos (sales)	1,000 metric tons	(D)	9	5	-	-
Barite, primary, sold/used by producers	1,000 metric tons	430	543	392	489	540
Boron minerals, sold or used by producers	1,000 metric tons	1,090	1,190	1,070	1,150	1,150
Bromine, sold or used by producers	1,000 metric tons	177	218	228	226	226
Cement:						
Portland ²	Mil. metric tons	67	73	84	94	94
Masonry ³	Mil. metric tons	3	4	4	5	5
Clays	1,000 metric tons	42,900	43,000	40,800	41,600	41,300
Diatomite	1,000 metric tons	631	722	677	653	800
Feldspar ⁴	1,000 metric tons	630	880	790	750	760
Fluorspar, finished shipments	1,000 metric tons	64	51	-	-	-
Garnet (industrial)	1,000 metric tons	47	46	60	40	35
Gypsum, crude	Mil. metric tons	15	17	20	21	21
Helium ⁵	Mil. cu. meters	85	101	98	76	76
Lime, sold or used by producers	Mil. metric tons	16	19	20	20	21
Mica, scrap & flake, sold/used by producers	1,000 metric tons	109	108	101	78	93
Peat, sales by producers	1,000 metric tons	721	660	847	751	721
Perlite, processed, sold or used	1,000 metric tons	576	700	672	508	457
Phosphate rock (marketable)	Mil. metric tons	46	44	39	36	31
Potash (K ₂ O equivalent) sales	1,000 metric tons	1,710	1,480	1,300	1,200	1,200
Pumice & pumicite, producer sales	1,000 metric tons	443	529	1,050	1,270	1,580
Salt, common, sold/used by producers	Mil. metric tons	37	41	46	45	46
Sand & gravel, sold/used by producer	Mil. metric tons	855	935	1,148	1,301	1,312
Construction	Mil. metric tons	829	907	1,120	1,270	1,280
Industrial	Mil. metric tons	26	28	28	31	32
Sodium carbonate (natural) (soda ash)	1,000 metric tons	9,100	10,100	10,200	11,000	10,900
Sodium sulfate (natural)	1,000 metric tons	349	327	(NA)	467	480
Stone ⁶	Mil. metric tons	1,110	2,420	2,810	3,200	3,200
Crushed and broken	Mil. metric tons	1,110	1,260	1,560	1,690	1,670
Dimension ⁷	1,000 metric tons	1,120	1,160	1,250	1,510	1,530
Sulfur: Total shipments	1,000 metric tons	11,500	12,100	10,700	9,430	9,200
Sulfur: Frasch mines (shipments)	1,000 metric tons	3,680	3,150	900	-	-
Talc and pyrophyllite, crude	1,000 metric tons	1,270	1,060	851	856	880
Vermiculite concentrate	1,000 metric tons	209	171	150	100	100
METALS						
Antimony ore and concentrate	Metric tons	(D)	262	(D)	-	-
Aluminum	1,000 metric tons	4,048	3,375	3,668	2,481	2,280
Bauxite (dried)	1,000 metric tons	(D)	(D)	(NA)	(NA)	(NA)
Copper (recoverable content)	1,000 metric tons	1,590	1,850	1,450	1,140	1,200
Gold (recoverable content)	Metric tons	294	317	353	256	260
Iron ore (gross weight) ⁸	Mil. metric tons	57	61	61	53	53
Lead (recoverable content)	1,000 metric tons	426	386	449	426	430
Magnesium metal	1,000 metric tons	139	142	(D)	(D)	(D)
Manganiferous ore (gross weight) ⁹	1,000 metric ton	(D)	(D)	-	(NA)	(NA)
Mercury ¹⁰	Metric tons	(NA)	(D)	(NA)	(NA)	(NA)
Molybdenum (concentrate)	1,000 metric tons	62	61	41	58	61
Nickel ore (recoverable Ni content)	1,000 metric tons	330	1,560	-	-	-
Palladium metal	Kilograms	5,930	5,260	10,300	13,300	13,600
Platinum metal	Kilograms	1,810	1,590	4,390	3,920	4,000
Silicon (Si content)	1,000 metric tons	418	396	367	270	143
Silver (recoverable content)	Metric tons	2,120	1,560	1,860	1,230	1,140
Titanium concentrate (TiO ₂ content)	1,000 metric tons	(D)	(D)	300	300	300
Tungsten ore and concentrate ¹¹	Metric tons	(D)	-	-	748	725
Zinc (recoverable content)	1,000 metric tons	515	603	805	748	725

- Represents zero. D Withheld to avoid disclosing individual company data. NA Not available. ¹ 42 gal. bbl. ² Includes Puerto Rico until 1995. ³ Excludes Puerto Rico for 2000-2006. ⁴ Beginning 1995, includes apilite. ⁵ Refined. ⁶ Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all included elsewhere in table; includes calcareous marl and slate. ⁷ Includes Puerto Rico, 1990 to 1995. ⁸ Represents shipments; includes by-product ores. ⁹ 5- to 35-percent manganiferous ore. ¹⁰ Covers mercury recovered as a by-product of gold ores only. ¹¹ Content of ore and concentrate.