

The value of all metals produced amounted to \$1,404,000,000 compared with \$1,371,000,000 in 1959. Nickel, with a value of \$313,000,000, again became the leading metal, replacing uranium which dropped to third place with a value of \$263,000,000. Copper was second with a production valued at \$264,000,000 and iron ore fourth with a value of \$172,000,000. Iron ore shipments were down by 3,000,000 tons as a result of the below-capacity operation of the steel industry in the United States. The value of the gold output was \$156,000,000, almost \$6,000,000 higher than in 1959 and the value of the platinum metals, which are by-products of the nickel-copper ores, moved up to \$28,000,000 from \$17,000,000. An improved market for zinc resulted in higher production with a value of \$108,000,000 compared with \$97,000,000 in 1959.

The non-metallic group of minerals as a whole continued to increase in value to reach \$195,000,000 in 1960, which was more than double the value of these commodities ten years previously. As compared with 1959, the individual products showed varied trends. The major contribution to the advance of \$17,000,000 was made by asbestos which, with shipments valued at \$119,000,000, reached a new high. The value of titanium dioxide, etc., rose from \$8,500,000 to \$14,300,000 and the value of elemental sulphur made from sour natural gas from \$2,600,000 to \$4,700,000. Salt shipments were not greatly changed from the high point of 1959. The export market for barite and gypsum declined, resulting in reduced production of these commodities, although gypsum output had a somewhat higher value. Shipments of lithia were made from stockpiled concentrates and production was low during 1960. Potash production ceased during the year while the mine shaft was being reconstructed.

Mineral or fossil fuels produced during 1960 were valued at \$562,000,000 compared with \$536,000,000 in 1959. Natural gas and crude petroleum continued their upward trends, output of the latter reflecting the improved export market. Coal output also showed some improvement after declining for several years.

There was less demand for structural materials by the construction industry. Shipments of brick, tile, etc., were down by \$2,000,000 during 1960 and cement and lime were each down by \$4,000,000. On the other hand, sand and gravel, which was largely used for roads, showed an upward trend.

2.—Quantity and Value of Minerals Produced, 1953-60

Mineral	1958		1959		1960 ^a	
	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$
Metallics	1,130,160,395	...	1,370,648,535	...	1,403,987,738
Antimony..... lb.	858, 633	284, 208	1, 657, 797	540, 276	1, 522, 700	496, 400
Bismuth..... "	412, 792	771, 267	334, 736	590, 212	464, 440	832, 342
Cadmium..... "	1, 756, 050	2, 069, 195	2, 160, 363	2, 765, 265	2, 244, 783	3, 187, 591
Calcium..... "	25, 227	31, 256	67, 429	76, 409	76, 560	88, 770
Cobalt..... "	2, 710, 429	5, 308, 298	3, 150, 027	5, 954, 916	3, 330, 914	5, 669, 560
Copper..... "	690, 227, 408	174, 430, 930	790, 538, 060	233, 102, 813	876, 766, 931	264, 336, 899
Gold..... oz. t.	4, 571, 347	155, 334, 370	4, 483, 416	150, 508, 275	4, 602, 762	156, 171, 715
Iron ore..... ton	15, 726, 323	126, 131, 181	24, 488, 325	192, 666, 101	21, 507, 783	171, 670, 605
Iron, remelt..... "	...	5, 120, 620	...	7, 187, 434	...	10, 922, 801
Lead..... lb.	373, 360, 966	42, 413, 805	373, 391, 461	39, 616, 835	378, 533, 595	40, 427, 281
Magnesium..... "	13, 591, 705	4, 064, 825	12, 204, 448	3, 179, 515	14, 746, 427	4, 280, 232
Molybdenum..... "	888, 264	1, 152, 838	748, 566	940, 596	758, 507	1, 000, 205
Nickel..... "	279, 117, 422	194, 142, 019	373, 110, 226	257, 008, 801	427, 282, 898	312, 738, 234
Palladium, iridium, etc..... oz. t.	154, 366	4, 840, 072	177, 713	5, 916, 989	238, 489	9, 538, 921
Platinum..... "	146, 092	9, 481, 371	150, 382	11, 015, 449	221, 832	18, 134, 766
Selenium..... lb.	306, 990	2, 302, 426	368, 107	2, 576, 749	562, 272	3, 487, 804
Silver..... oz. t.	31, 163, 470	27, 053, 007	31, 923, 969	28, 022, 860	32, 328, 143	28, 726, 788
Tellurium..... lb.	38, 250	65, 025	13, 023	27, 999	56, 352	197, 232
Thorium..... "	—	—	47, 447	105, 676	129, 894	381, 314
Tin..... "	795, 496	625, 260	747, 443	630, 094	515, 300	541, 065
Titanium ore..... ton	—	—	26, 777	129, 565	1, 700	12, 000
Tungsten (WO ₃)..... lb.	690, 976	1, 898, 455	—	—	—	—
Uranium (U ₃ O ₈)..... "	26, 805, 232	279, 538, 471	31, 784, 189	331, 143, 043	25, 034, 889	262, 935, 404
Zinc..... "	850, 197, 572	92, 501, 496	792, 015, 223	96, 942, 663	811, 239, 533	108, 209, 749