

**Subsection 3.—Production of Metallic Minerals**

The metallic minerals of greatest dollar value in Canada during 1960 were, in order: nickel, copper, uranium, iron ore, gold, zinc, lead and silver. With the exception of uranium, which dropped from first place to third, this order remained unchanged from 1959 and each of these metals except uranium and iron ore advanced considerably in value of production. Developments taking place in metal mining during 1959 and 1960 are described in detail in Section 1, pp. 501-513. The following statistical information gives a comparison of quantity and value figures for each of the principal metals over the ten-year period 1951-60.

**Nickel.**—The output of nickel reached an all-time high in 1960, in both quantity and value. A steadily upward trend in production experienced since the end of the War was interrupted in 1958 when a rise in world stocks brought about a decrease in nickel prices. However, 1959 output was again close to the level of 1957 and the increases in 1960 amounted to 14.5 p.c. in quantity and 21.7 p.c. in value.

About 93 p.c. of the 1960 quantity shown in Table 7 came from the Sudbury area of Ontario, about 4 p.c. from Lynn Lake in Manitoba and the remainder about equally from Rankin Inlet on Hudson Bay in the Northwest Territories and from Hope, B.C.

Canada uses only about 5,000 tons of refined nickel annually. Exports amounted to 108,350 tons in 1960, mostly to the United States, and exports of nickel in matte, etc., amounted to 87,670 tons.

**7.—Quantity and Value of Nickel Produced, 1951-60**

NOTE.—Figures from 1889 are given in the corresponding table of previous Year Books beginning with the 1929 edition.

Year	Quantity	Value	Year	Quantity	Value
	tons	\$		tons	\$
1951.....	137,903	151,269,994	1956.....	178,515	222,204,860
1952.....	140,559	151,349,438	1957.....	187,958	258,977,309
1953.....	143,643	160,430,098	1958.....	139,559	194,142,019
1954.....	166,299	180,173,392	1959.....	186,555	257,008,801
1955.....	174,928	215,866,007	1960 <sup>a</sup> .....	213,641	312,738,234

**Copper.**—Although the quantity of copper produced in Canada reached its peak in 1960, the total value for that year was somewhat lower than that of the smaller quantity produced in 1956. The 10.9-p.c. increase in total tonnage produced in 1960 over 1959 was contributed by Quebec, Ontario and British Columbia.

**8.—Copper Production, by Province, and Total Value 1951-60**

NOTE.—Figures from 1886 are given in the corresponding table of previous Year Books beginning with the 1916-17 edition.

Year	New-foundland	Quebec	Ontario	Manitoba	Saskatchewan	British Columbia	Canada	
							Quantity	Value
							tons	\$
1951.....	2,899	68,866	128,808	15,839	31,625	21,932	269,970 <sup>1</sup>	149,026,216 <sup>1</sup>
1952.....	2,959	68,846	125,343	9,374	30,344	20,786	258,038 <sup>2</sup>	146,679,040 <sup>2</sup>
1953.....	2,814	54,920	130,582	9,411	30,588	24,148	253,252 <sup>3</sup>	150,953,742 <sup>3</sup>
1954.....	3,481	83,930	140,776	12,274	38,192	25,088	302,732 <sup>4</sup>	175,712,693 <sup>4</sup>
1955.....	3,052	101,021	146,407	19,379	32,945	22,127	325,994 <sup>5</sup>	239,756,455 <sup>5</sup>
1956.....	3,108	122,300	156,271	17,973	33,116	21,682	354,860 <sup>6</sup>	292,958,091 <sup>6</sup>
1957.....	4,536	112,409	171,703	18,551	30,597	15,410	359,109 <sup>7</sup>	206,897,988 <sup>7</sup>
1958.....	14,751	131,445	142,035	12,601	37,510	6,010	345,114 <sup>8</sup>	174,430,930 <sup>8</sup>
1959.....	14,989	134,912	188,272	12,945	35,536	8,121	395,269 <sup>9</sup>	233,102,813 <sup>9</sup>
1960 <sup>a</sup> .....	13,875	159,512	204,121	12,307	31,993	15,950	438,383 <sup>10</sup>	264,336,899 <sup>10</sup>

<sup>1</sup> Includes one ton valued at \$536 produced in N.W.T.      <sup>2</sup> Includes 383 tons valued at \$218,663 produced in Nova Scotia and three tons valued at \$1,969 produced in N.W.T.      <sup>3</sup> Includes 788 tons valued at \$471,962 produced in Nova Scotia.      <sup>4</sup> Includes 991 tons valued at \$577,868 produced in Nova Scotia.      <sup>5</sup> Includes 1,028 tons valued at \$757,758 produced in Nova Scotia and 35 tons valued at \$26,290 produced in New Brunswick.      <sup>6</sup> Includes 404 tons valued at \$334,704 produced in Nova Scotia and 6 tons valued at \$5,272 produced in New Brunswick.      <sup>7</sup> Includes 5,738 tons valued at \$3,322,400 produced in New Brunswick and 165 tons valued at \$95,672 produced in N.W.T.      <sup>8</sup> Includes 328 tons valued at \$166,683 produced in New Brunswick and 434 tons valued at \$220,748 produced in N.W.T.      <sup>9</sup> Includes 494 tons valued at \$292,157 produced in N.W.T.      <sup>10</sup> Includes 625 tons valued at \$378,625 produced in N.W.T.