

Subsection 3.—Production of Metallic Minerals

The metallic minerals of greatest dollar value in Canada during 1961 were, in order: nickel, copper, uranium, iron ore, gold, zinc, lead and silver. This order remained unchanged from 1960 although only nickel, iron ore and lead advanced in value of production over the previous year. Developments taking place in metal mining during 1961 are described in detail in Section 1, pp. 481-493. The following statistical information gives a comparison of quantity and value figures for each of the principal metals over the ten-year period 1952-61.

Nickel.—The output of nickel reached an all-time high in 1961, 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 by 1961 amounted to 27.5 p.c. in quantity and 39.1 p.c. in value.

About 84 p.c. of the 1961 quantity shown in Table 10 came from the Sudbury area of Ontario, about 14 p.c. from the new Thompson and Lynn Lake mines 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 (anodes, cathodes and ingots) annually. Exports amounted to 133,504 tons in 1961, mostly to the United States, and exports of nickel in ores, concentrates and matte amounted to 92,938 tons.

10.—Quantity and Value of Nickel Produced, 1952-61

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	\$
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.....	214,506	295,640,279
1956.....	178,515	222,204,860	1961P.....	237,948	357,515,337

Copper.—Although the quantity of copper produced in Canada reached its peak in 1961, the total value for that year was somewhat lower than in 1960. The 1.2-p.c. increase in total tonnage produced in 1961 over 1960 was contributed by Newfoundland, Ontario, Saskatchewan, British Columbia and Yukon Territory.

11.—Copper Production, by Province, and Total Value 1952-61

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

Year	Newfoundland	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	tons	tons	tons	tons	tons	tons
1952.....	2,959	383	—	68,846	125,343	9,374
1953.....	2,814	788	—	54,920	130,582	9,411
1954.....	3,481	991	—	83,930	140,776	12,274
1955.....	3,052	1,028	35	101,021	146,407	19,379
1956.....	3,108	404	6	122,300	156,271	17,973
1957.....	4,536	—	5,738	112,409	171,703	18,551
1958.....	14,751	—	328	131,445	142,035	12,601
1959.....	14,989	—	—	134,912	188,272	12,945
1960.....	13,863	—	—	157,470	206,272	12,793
1961P.....	16,853	6	—	151,015	211,534	10,998