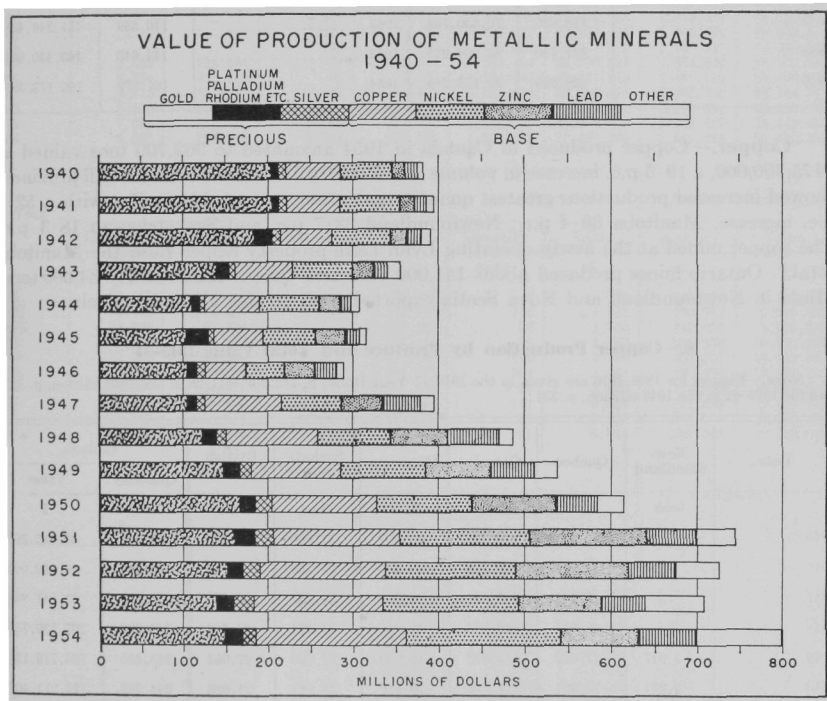


Subsection 3.—Production of Metallic Minerals

The metals of chief importance in Canada are nickel, copper, gold, zinc, lead, iron, silver and those of the platinum group. These metals are dealt with individually in the following paragraphs. In addition there are a number of metals produced in minor quantities, principally as byproducts in the treatment of metalliferous ores (*see* Tables 2 and 6).



Nickel.—A new high was reached in 1954 in volume and in total value of nickel produced. The 161,000 tons produced were valued at \$180,000,000 and included refined nickel, nickel in oxides and salts, and nickel in matte exported. Export shipments amounted to 91,400 tons of refined nickel and 65,800 tons of nickel in matte.

The major portion of the output came from the Sudbury, Ont., district where smelters are operated by The International Nickel Company of Canada and Falconbridge Mines Limited. Three other mines in the area shipped ore or concentrates to the Falconbridge smelter: Nickel Rim Mines, Milnet Mines, and Nickel Offsets Limited. The Sherritt Gordon Mines Limited shipped nickel and copper concentrates from the Lynn Lake mine in Manitoba to the firm's refinery at Fort Saskatchewan, Alta., and to other smelters in Ontario and Quebec.