

A total of 53 lode gold mines operated during 1961, one less than in 1960. Forty mines received cost assistance under the terms of the Emergency Gold Mining Assistance Act. The gold mines not eligible for cost assistance had costs less than \$26.50 oz.t. and these mines sold most of their gold on the open market.

In 1961, the proportion of gold coming from lode gold mines decreased to 84.4 p.c. from 85.9 p.c. and by-product gold recovered from base-metal ores increased to 14.0 p.c. from 13.4 p.c. Placer gold accounted for 1.6 p.c. compared with 1.7 p.c. in 1960. Gold maintained sixth position in value among minerals produced in Canada, following crude petroleum, nickel, copper, uranium oxide and iron ore. Canada remained the second largest gold-producing country in the Free World, following the Republic of South Africa.

Ontario was the main gold producer, accounting for 58.7 p.c. of the 1961 total output. Production was lower, with an estimated 2,597,289 oz.t. compared with 2,732,673 oz.t. in 1960. Only the Red Lake-Patricia and Port Arthur mining divisions showed increases. Thirty lode gold mines operated in the province during 1961; 13 of them in the Porcupine district where the chief producers were Hollinger Consolidated Gold Mines, Limited (Canada's second largest gold producer), McIntyre Porcupine Mines, Limited, Dome Mines Limited and Aunor Gold Mines Limited. Carium Mines Limited (formerly Coniaurum Mines, Limited) ceased operating in July 1961. In the Larder Lake area, only one lode gold mine operated but this was Canada's largest gold producer, Kerr-Addison Gold Mines Limited; production from this mine decreased by 14 p.c. from an all-time high of 592,245 oz.t. in 1960. In the Red Lake-Patricia mining division, seven gold mines operated, the chief producers being Campbell Red Lake Mines Limited, Madsen Red Lake Gold Mines Limited and Dickenson Mines Limited. In the Kirkland Lake district, six mines recorded production but Sylvanite Gold Mines, Limited, closed its mine in August. The main Kirkland Lake producers were Macassa Gold Mines Limited, Wright-Hargreaves Mines, Limited, and Upper Canada Mines, Limited. In the Port Arthur mining division, MacLeod-Cockshutt Gold Mines Limited and Leitch Gold Mines Limited continued to operate and Consolidated Mosher Mines Limited prepared for shipments to the MacLeod-Cockshutt mill by early 1962. Renabie Mines Limited continued to operate in the Sudbury mining division. Some 64,000 oz.t. of gold were recovered as a by-product from base-metal ores in Ontario, mainly from the copper-nickel mines of the Sudbury district. No placer gold production was reported.

Quebec produced 23.8 p.c. of Canada's total gold production, compared with 22.4 p.c. in 1960. Thirteen lode gold mines operated during 1961 and production totalled 1,052,588 oz.t. compared with 1,035,914 oz.t. in 1960. One small lode gold mine, Marban Gold Mines Limited, started shipping ore to the customs mill of Malartic Gold Fields Limited in July 1961. The largest lode gold producers were Lamaque Mining Company Limited and Sigma Mines (Quebec) Limited at Bourlamaque, and East Malartic Mines, Limited and Barnat Mines Ltd. at Malartic. Gold recovered as a by-product from base-metal ores increased by 4.5 p.c. and represented 39.2 p.c. of the total gold production. Beauce Placer Mining Co. Ltd. commenced dredging for placer gold in the Gilbert River near East Beauceville in the Eastern Townships in August; prior to this operation, there had been no appreciable amount of placer gold recovered in the province since 1899.

The Northwest Territories produced 9.1 p.c. of the gold recovered in Canada during 1961. All production came from lode gold mines in the Yellowknife district and totalled 402,580 oz.t. compared with 418,104 oz.t. in 1960. Four gold mines operated, with Giant Yellowknife Mines Limited (Canada's third largest lode gold producer) and Consolidated Discovery Yellowknife Mines Limited being the main producers. Several prospective gold mines were under development in the Territories.

British Columbia produced 3.6 p.c. of Canada's gold output in 1961 compared with 4.6 p.c. in 1960; gold recovered decreased to 159,296 oz.t. from 212,859 oz.t. Four lode gold mines operated, Bralorne Division mine of Bralorne Pioneer Mines Limited being the only large producer. French Mines Ltd., at Hedley, ceased operations in May and an old gold mine at Rock Creek was reopened by McKinney Gold Mines Limited, from