

A total of 52 lode gold mines operated during 1962, one fewer than in 1961. Forty-two mines received cost assistance under the terms of the Emergency Gold Mining Assistance Act. Mines not eligible for cost assistance had total costs of less than \$26.50 per oz.t. and sold most of their gold on the open market. During the year, the proportion of gold coming from lode gold mines decreased to 83.4 p.c. from 84.4 p.c. and by-product gold recovered from base-metal ores increased to 15.3 p.c. from 14.1 p.c. Placer gold accounted for 1.3 p.c. compared with 1.5 p.c. in 1962.

Ontario was again the main producer, accounting for 57.6 p.c. of the 1962 total gold output compared with 59.0 p.c. in 1961, but production was lower at an estimated 2,393,817 oz.t. compared with 2,637,720 oz.t. in 1961. Only the Port Arthur mining division showed an increase. Twenty-nine lode mines operated in the province compared with 30 in the previous year. Twelve mines operated in the Porcupine district, the chief producers being Hollinger Consolidated Gold Mines, Limited (Canada's second largest gold producer), McIntyre-Porcupine Mines, Limited and Dome Mines Limited. In the Red Lake-Patricia mining divisions, seven mines operated, the chief producers being Campbell Red Lake Mines Limited, Madsen Red Lake Gold Mines Limited and Dickenson Mines Limited. Kerr-Addison Gold Mines Limited in the Larder Lake area had a drop in output of more than 20 p.c. In the Kirkland Lake area, five mines operated, the main producers being Macassa Gold Mines Limited, Upper Canada Mines, Limited and Wright-Hargreaves Mines, Limited. In the Port Arthur mining division, Consolidated Mosher Mines Limited started shipping ore to the adjoining MacLeod-Cockshutt Gold Mines Limited in January 1962, and Leitch Gold Mines Limited continued to operate. Renabie Mines Limited continued operations in the Sudbury mining division. Some 66,000 oz.t. of gold were recovered as a by-product from base-metal ores in Ontario, mainly from the nickel-copper mines of the Sudbury district. No placer production was reported.

Quebec produced 24.0 p.c. of Canada's gold production compared with 23.6 p.c. in 1961. Fourteen mines operated and production totalled 998,502 oz.t. compared with 1,054,029 oz.t. One small mine, Malartic Hygrade Gold Mines Limited, commenced trucking ore to the custom mill of Malartic Gold Fields Limited in March 1962. The largest lode gold producers were Lamaque Mining Company Limited and Sigma Mines (Quebec) Limited at Bourlamaque and East Malartic Mines, Limited at Malartic. Gold recovered as a by-product from base-metal ores was lower but represented 41.2 p.c. of the total production. No placer production was reported in Quebec.

The Northwest Territories produced 9.5 p.c. of the gold recovered compared with 9.1 p.c. in 1961. All production came from lode mines in the Yellowknife district and totalled 393,433 oz.t. compared with 404,474 oz.t. in 1961. Four mines operated, Giant Yellowknife Mines Limited (Canada's third largest producer) being the main producer.

British Columbia produced 4.1 p.c. of Canada's output compared with 3.7 p.c. in 1961; recovery increased to 169,683 oz.t. from 164,467 oz.t. Three lode gold mines operated but McKinney Gold Mines Limited ceased shipping ore in May 1962. The only large producer was Bralorne Pioneer Mines Limited in the Bridge River area. By-product gold from base-metal mines increased by nearly 40 p.c. and accounted for 22.1 p.c. of the provincial total. Placer recovery accounted for 1.4 p.c. of the total.

In the Prairie Provinces, Manitoba recovered 61,124 oz.t. in 1962 compared with 57,747 oz.t. in 1961. Lode gold from San Antonio Gold Mines Limited and Forty-Four Mines, Limited at Bissett accounted for almost half of the total, the remainder coming as a by-product from base-metal mines in the Flin Flon and Lynn Lake areas. Saskatchewan recovered 67,783 oz.t. from base-metal mines near Flin Flon on the Manitoba-Saskatchewan border and a small amount of placer gold was recovered from the North Saskatchewan River near Edmonton in Alberta.