

processing of silver-cobalt ores and concentrates at its plant at Cobalt, Ont.; by International Nickel at Copper Cliff, Ont., in the treatment of nickel-copper concentrates; by Hollinger Consolidated Gold Mines, Limited at Timmins, Ont., from gold precipitates; and by the Royal Canadian Mint at Ottawa, from gold bullion.

The two largest sources of silver in Canada are the Hector-Calumet, Elsa, Keno and Silver King silver-lead-zinc mines in the Yukon Territory about 200 miles north of Whitehorse, operated by United Keno Hill Mines Limited, and the Sullivan lead-zinc-silver mine at Kimberley, B.C., operated by Cominco Limited. Other important producers of by-product silver included Echo Bay Mines Limited near Port Radium, N.W.T.; Hudson Bay Mining and Smelting Co., Limited at Flin Flon, Man.; Noranda Mines Limited (Geco Division) at Manitowadge, Ont.; Lake Dufault Mines, Limited near Noranda, Que.; Brunswick Mining and Smelting Corporation Limited near Bathurst, N.B.; and American Smelting and Refining Company (Buchans Unit) in Newfoundland. Some 6,100,000 oz.t. of silver were derived from silver-cobalt ores mined in the Cobalt and Gowganda areas of Ontario, the largest producer being Silverfields Mining Corporation Limited with an output exceeding 1,000,000 oz.t.

16.—Producers' Shipments of Silver, by Province, and Total Value, 1956-65

NOTE.—Figures from 1887 are given in the corresponding table of previous Year Books beginning with the 1916-17 edition.

Year	Average Price per oz.t. (Canadian funds)	Newfoundland	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	cts.	oz.t.	oz.t.	oz.t.	oz.t.	oz.t.	oz.t.
1956.....	89.67	957,125	92,859	18,182	4,073,966	6,626,447	430,124
1957.....	87.37	1,196,414	1	379,173	3,645,856	6,910,130	407,834
1958.....	86.81	1,267,078	4	51,139	3,908,301	9,815,257	320,759
1959.....	87.78	1,125,110	—	—	4,103,241	10,540,856	373,827
1960.....	88.91	1,271,126	—	—	4,115,105	11,220,823	501,837
1961.....	94.28	1,145,105	—	—	4,315,844	8,870,402	787,543
1962.....	116.50	1,181,648	724,245	178,521	4,603,019	9,383,445	847,879
1963.....	138.40	981,005	423,189	332,472	4,441,644	9,601,621	766,976
1964.....	140.00	1,089,748	544,224	1,469,192	4,564,559	9,929,858	727,642
1965 ^a	139.40	1,127,980	400,000	2,914,000	5,315,163	11,263,506	697,389

	Saskatchewan	British Columbia	Yukon Territory	Northwest Territories	Canada ¹	
					Quantity	Value
					oz.t.	\$
1956.....	1,179,110	8,801,398	6,192,703	69,916	28,431,847	25,497,681
1957.....	1,145,571	8,584,991	6,484,185	69,104	25,823,298	25,182,915
1958.....	1,299,077	8,013,428	6,415,560	72,779	31,163,476	27,653,007
1959.....	1,187,439	7,463,285	7,054,632	70,570	31,923,969	28,022,860
1960.....	1,163,845	8,447,440	7,217,361	79,473	34,016,829	30,244,363
1961.....	876,450	8,391,640	6,937,086	77,890	31,381,977	29,580,651
1962.....	762,215	6,186,937	6,482,244	72,892	30,422,972	35,442,761
1963.....	746,683	6,461,158	6,103,037	81,203	29,832,003	41,425,891
1964.....	593,320	5,280,129	5,638,712	65,223	23,902,611	41,862,655
1965 ^a	685,130	4,851,193	4,485,121	1,274,200	32,964,299	46,117,054

¹ Includes relatively small quantities produced in Alberta.

Platinum Metals.—Canadian production of the platinum metals in 1965 amounted to 452,063 oz.t. valued at \$35,678,078, an increase of 75,825 oz.t. and \$10,273,961 over 1964. The increase resulted from higher nickel production. Platinum group metals—platinum, palladium, rhodium, ruthenium, iridium and osmium—occur in Canadian nickel ores to the extent of about 0.025 oz.t. per ton of ore. In the treatment of these ores for nickel, the platinum metals follow nickel and are eventually removed as sludges from the electrolytic tanks in which nickel cathodes have been formed. The sludge is purified and sent to precious metal refineries in Britain and the United States for recovery of the platinum metals.