

precious metals, selenium and tellurium are produced from the blister copper smelted by the International Nickel Co., chiefly from ores from their own mines in the district. The company also operates the Acton precious metals refinery situated near London, England, where it recovers, in a refined state, the gold, silver and platinum metals contained in the concentrates produced at both the Swansea and Port Colborne nickel refineries. The Falconbridge Nickel Mines, operating a mine in Falconbridge township, make a copper-nickel matte which is shipped to Norway for refining. Adverse industrial conditions led to reductions in the copper production of Ontario in 1931 and 1932. There was, however, a remarkable recovery in production during 1933 and a continued expansion in 1934 and 1935.

**Manitoba.**—During the four years 1917-20, when high prices prevailed for copper, ores containing 9,866,328 lb. of copper were shipped by the Mandy mine. Much development has been carried on in the Flinflon district of Manitoba since the War, and large bodies of ore have been proven on the Flinflon property of the Hudson Bay Mining and Smelting Co. and the Sherritt-Gordon property. About 135 miles of branch line from the Hudson Bay Railway provide these properties with transportation facilities. A copper smelter and electrolytic zinc plant are operated by the Hudson Bay Mining and Smelting Co. at Flinflon, while a large hydraulic development on the Churchill river provides the necessary power. Production from the plants of this company has been continuous since 1930.

**British Columbia.**—Until 1930, British Columbia had been the leading copper producer among the provinces for many years, but it then gave first place to Ontario and since 1930 production has steadily declined, owing to the closing of the Copper Mountain mine, the curtailed operations at Britannia, and the cessation in August, 1935, of mining and smelting operations at Anyox, as a result of the low price of copper.

### 15.—Quantities of Copper Produced in Canada, by Provinces, with Total Values, calendar years 1911-35.

NOTE.—For the years 1886 to 1910, see Canada Year Book, 1916-17, p. 272.

Year.	Quebec	Ontario.	Manitoba.	Saskat- chewan.	British Columbia.	Yukon.	Totals.	
	lb.	lb.	lb.	lb.	lb.	lb.	lb.	\$
1911.....	2,436,190	17,932,263	-	-	35,279,558	-	55,648,011	6,886,998
1912.....	3,282,210	22,250,601	-	-	50,526,656	1,772,660	77,832,127	12,718,548
1913.....	3,455,887	25,885,929	-	-	45,791,579	1,843,530	76,976,925	11,753,606
1914.....	4,201,497	28,948,211	-	-	41,219,202	1,367,050	75,735,960	10,301,606
1915.....	4,197,482	39,361,464	-	-	56,692,988	533,216	100,785,150	17,410,635
1916.....	5,703,347	44,997,035	-	-	63,642,550	2,807,096	117,150,028	31,867,150
1917.....	5,015,560	42,867,774	1,116,000	-	57,730,959	2,460,097	109,227,332 <sup>2</sup>	29,687,989
1918.....	5,869,649	47,074,475	2,339,751	-	62,865,681	619,878	118,769,434	29,250,536
1919.....	2,691,695	24,346,623	3,348,000	-	44,502,079	165,184	75,053,581	14,028,265
1920.....	880,638	32,059,993	3,062,577	-	45,319,771	277,712	81,600,691	14,244,217
1921.....	352,308	12,821,385	-	-	34,447,127	-	47,620,820	5,953,555
1922.....	-	10,943,636	-	-	31,936,182	-	42,879,818	5,738,177
1923.....	-	31,656,800	-	-	55,224,737	-	86,881,537	12,529,186
1924.....	1,893,008	37,113,193	-	-	65,451,246	-	104,457,447	13,604,538
1925.....	2,510,141	39,718,777	-	-	69,221,600	-	111,450,518	15,649,882
1926.....	2,674,058	41,312,867	-	-	89,108,017	-	133,094,942	17,490,300
1927.....	3,119,848	45,341,295	-	-	91,686,297	-	140,147,440	17,195,487
1928.....	33,697,949	66,607,510	-	-	102,283,210	107,377	202,696,046	28,598,249
1929.....	55,337,169	88,879,853	-	-	103,903,738	-	248,120,760	43,415,251
1930.....	80,310,353	127,718,871	2,087,609	-	93,318,885	42,628	303,478,356	37,983,359
1931.....	68,376,985	112,882,625	45,821,432	-	65,223,348	-	292,304,390	24,114,065
1932.....	67,336,692	77,055,413	52,706,861	-	50,580,104	-	247,679,070	15,294,058
1933.....	69,943,882	145,504,720	38,163,181	3,223,941	43,146,724	-	299,982,448	21,634,853
1934.....	73,968,545	205,059,539	30,867,141	6,618,913	48,246,924	-	364,761,062	26,671,438
1935 <sup>1</sup> .....	79,050,906	252,027,923	37,477,000	12,161,500	39,157,586	-	419,874,920	32,380,343

<sup>1</sup> Preliminary figures.

<sup>2</sup> Includes a small production from New Brunswick and Alberta.