

Subsection 7.—Zinc.

The zinc-mining industry of Canada has recently made rapid strides, largely on account of the application of improved metallurgical methods in the treatment of the lead-zinc ores of British Columbia and the production of electrolytic zinc from the Flin Flon copper-zinc ores in Manitoba. The metallic recoveries from Canadian ores were 267,643,505 lb. in 1930, as compared with 5,600,000 lb. in 1913. Production in 1933 amounted to 199,131,984 lb. while the output in 1934 was estimated at 298,579,581 lb.

British Columbia.—The principal zinc-mining regions are situated in the Kootenay district of British Columbia, where there are large deposits of silver-lead-zinc ore. The chief producing mine is the Sullivan near Kimberley, where the ore worked is a replacement deposit of considerable size. Other mines are located in the Ainsworth and Slocan divisions of the West Kootenay district. Further information regarding lead-zinc mining and metallurgical operations is given under "lead" in Subsection 4 of this section.

Other Provinces.—There has been considerable exploration and development of zinc-bearing deposits during recent years in Eastern Canada, where these ores are often characterized by the close association of copper, zinc and gold. In north-western Manitoba the Flin Flon and Sherritt-Gordon mines have ores of this nature and refined zinc has been made at the Flin Flon smelter since the autumn of 1930. Some important deposits of zinc-bearing ore have been developed in the Rouyn district of Quebec. Zinc is associated with lead in the deposits at Galetta, Ontario, and at Notre-Dame-des-Anges, Quebec, and mines in both these districts have been producers of zinc concentrates, while the Errington mine in the Sudbury district developed a lead-zinc deposit and made some small shipments of zinc concentrates. Zinc concentrates have also been produced at the Sterling mine in Nova Scotia. However, all lead-zinc properties to the east of Manitoba have remained inactive since 1930.

19.—Production of Zinc in Canada, calendar years 1911-34.

Year.	Quantity. ¹	Value.	Average Price per lb.	Year.	Quantity. ¹	Value.	Average Price per lb.
	lb.	\$	cts.		lb.	\$	cts.
1911.....	1,877,479	108,105	5.758	1923.....	60,416,240	3,991,701	6.607
1912.....	4,283,760	297,421	6.943	1924.....	98,909,077	6,274,791	6.344
1913.....	5,640,195	318,558	5.648	1925.....	109,268,511	8,328,446	7.622
1914.....	7,246,063	377,737	5.213	1926.....	149,938,105	11,110,413	7.410
1915.....	9,771,651	1,292,789	13.230	1927.....	165,495,525	10,250,793	6.194
1916.....	23,364,760	2,991,623	12.804	1928.....	184,647,374	10,143,050	5.493
1917.....	29,668,764	2,640,817	8.901	1929.....	197,267,087	10,626,778	5.387
1918.....	35,083,175	2,862,436	8.159	1930.....	267,643,505	9,635,166	3.600
1919.....	32,194,707	2,362,448	7.338	1931.....	237,245,451	6,059,249	2.554
1920.....	39,863,912	3,057,961	7.671	1932.....	172,283,558	4,144,454	2.406
1921.....	53,089,356	2,471,310	4.655	1933.....	199,131,984	6,393,132	3.211
1922.....	56,290,000	3,217,536	5.716	1934 ²	298,579,581	9,087,568	3.044

¹ Estimated foreign smelter recoveries and refined zinc made in Canada.² Preliminary figures.