

World Production of Copper.—World production of copper was estimated at 1,434,000 short tons in 1934, as compared with 2,150,400 tons in 1929, the record year. Canada had an output of 182,381 tons in 1934, producing about 12.7 p.c. of the estimated world total and standing third among the nations.

16.—Copper Production of the Leading Countries and of the World,¹ 1913-34.

(In short tons of 2,000 pounds.)

Year.	Canada. ¹	North- ern Rho- desia.	Belgian Congo.	Chile.	Japan.	Mexico.	Peru.	Spain and Portugal.	United States.	World Produc- tion.
1913....	38,488	-	-	46,574	73,283	58,185	30,600	39,683	614,255	1,072,674
1914....	37,868	-	-	49,221	77,650	40,043	29,853	29,652	579,133	1,021,233
1915....	50,393	-	-	57,680	83,108	34,128	38,269	40,895	712,126	1,188,172
1916....	58,575	-	-	78,559	110,900	60,751	47,472	39,021	971,123	1,533,294
1917....	54,614	-	-	112,985	119,058	52,348	49,784	45,084	961,016	1,579,675
1918....	59,385	-	-	117,851	99,583	83,233	48,944	50,596	968,687	1,569,523
1919....	37,527	-	-	87,721	86,468	66,661	43,243	38,581	604,642	1,069,437
1920....	40,800	-	-	109,075	74,727	49,866	36,356	25,353	635,248	1,082,652
1921....	23,810	-	-	65,299	59,626	13,576	36,689	36,596	238,420	600,960
1922....	21,440	-	-	142,830	59,663	29,842	40,133	40,234	511,970	995,045
1923....	43,441	-	-	201,042	70,315	60,538	48,684	57,115	754,000	1,411,980
1924....	52,229	-	-	209,855	69,378	49,150	38,495	60,713	819,000	1,522,394
1925....	55,725	83	99,323	209,654	72,413	59,123	41,180	63,933	854,000	1,589,717
1926....	66,547	793	88,889	223,015	72,277	62,303	46,703	63,933	878,000	1,637,489
1927....	70,074	3,685	98,278	264,242	73,381	63,760	52,438	60,351	847,419	1,682,361
1928....	101,348	6,642	123,962	316,141	75,214	72,280	62,233	61,600	904,898	1,892,800
1929....	124,060	6,122	151,007	353,434	83,190	95,409	61,855	75,040	997,555	2,150,400
1930....	151,739	7,021	153,164	242,865	87,119	80,922	52,416	73,920	705,073	1,769,600
1931....	146,152	25,536	132,160	247,520	83,608	59,757	48,832	62,720	528,875	1,523,200
1932....	123,840	97,708	59,360	113,792	79,230	38,862	25,232	38,080	238,111	996,800
1933....	149,992	144,954	73,409	179,200	75,095	43,900	26,868	34,720	190,643	1,120,000
1934....	182,381	176,511	121,348	291,200	74,712	48,797	30,510	35,840	239,320	1,434,000

¹ From the Imperial Institute except in the case of the production for Canada, where the official figures of the Dominion Bureau of Statistics are used.

Subsection 4.—Lead.

Lead is obtained in Canada largely from the deposits of British Columbia. From 88,665 lb. in 1891 the production advanced to over 39,000,000 lb. in 1897. Owing to the low price of silver in 1898 and labour troubles in the Slocan in 1899, the output in the latter year fell to 21,900,000 lb., but rose to 63,200,000 lb. in 1900. The output fell to 18,100,000 lb. in 1903, owing to the condition of the market affecting the production of the low-grade silver-lead ores of the East Kootenay district. Bounties were paid on lead produced in Canada from 1899 to 1918 (see the 1920 Year Book, p. 454) but the highest production of this period was 56,900,000 lb. in 1905. However, as a result of developments in British Columbia mentioned below, production has increased greatly since the War, as shown in Table 17.

British Columbia.—In the East and West Kootenay districts there are many important mines, the principal of which is the Sullivan lead-zinc mine near Kimberley. The ore averages about 11 p.c. lead, 7 p.c. zinc and 5 ounces of silver to the ton. The successful solving by the Consolidated Mining and Smelting Co. of the metallurgical problems connected with the separation and reduction of these lead-zinc ores accounts to a considerable extent for the rapid growth in lead production during recent years. As a result of the low prices prevailing since 1930 for lead, zinc, and silver, many of the small silver-lead mines of the Slocan have remained idle.

Other Provinces.—Occurrences of lead have been found in Gaspé peninsula and in the Rouyn district of Quebec, but the only production of importance has come from the Notre-Dame-des-Anges district, Portneuf Co., where the Tetrault