

Historical File Copy

DEPARTMENT OF TRADE AND COMMERCE  
 DOMINION BUREAU OF STATISTICS  
 MINING, METALLURGICAL AND CHEMICAL BRANCH  
 OTTAWA - CANADA

MAR 1935  
 R  
 THE

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
 Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.

SILVER, LEAD AND ZINC PRODUCTION IN CANADA - DECEMBER, 1934.

SILVER - Canada's silver production in December amounted to 1,363,238 ounces as compared with 1,535,079 ounces in November and 1,096,399 ounces in December, 1933, according to a report just issued by the Dominion Bureau of Statistics at Ottawa. During the calendar year 1934 the Canadian silver output totalled 16,219,212 ounces, an advance of 6.8 per cent over the preceding year's total.

Quotations for silver on the New York market, in Canadian funds, averaged 53.72807 cents per ounce in December; valued at this price the Canadian output during the month was worth \$732,441. The average price for November was 52.956 cents per ounce and the value of the month's production was \$812,916.

Exports of silver bullion from Canada in December consisted of 445,816 ounces shipped to the United States; in the preceding month 206,384 ounces were exported to the United States, 362,513 ounces to British India and 200,906 ounces to Great Britain. Silver bullion exports from Canada totalled 10,664,182 ounces in the calendar year 1934 as compared with 10,738,729 ounces in 1933. Shipments of silver in ore, concentrates, etc., from Canada in December declined to 56,025 ounces from the November total of 130,730 ounces. During the twelve months ending December the silver content of ores and concentrates, etc., exported from Canada amounted to 1,745,152 ounces; in 1933 the silver content was 3,362,354 ounces.

Imports of silver bullion into Canada in December were valued at \$712,199 or 16.4 per cent above the November valuation. The value of silver bullion importations during 1934 was recorded at \$2,193,201 as against the preceding year's total of \$674,138.

WORLD PRODUCTION OF SILVER  
 (000 fine ounces)

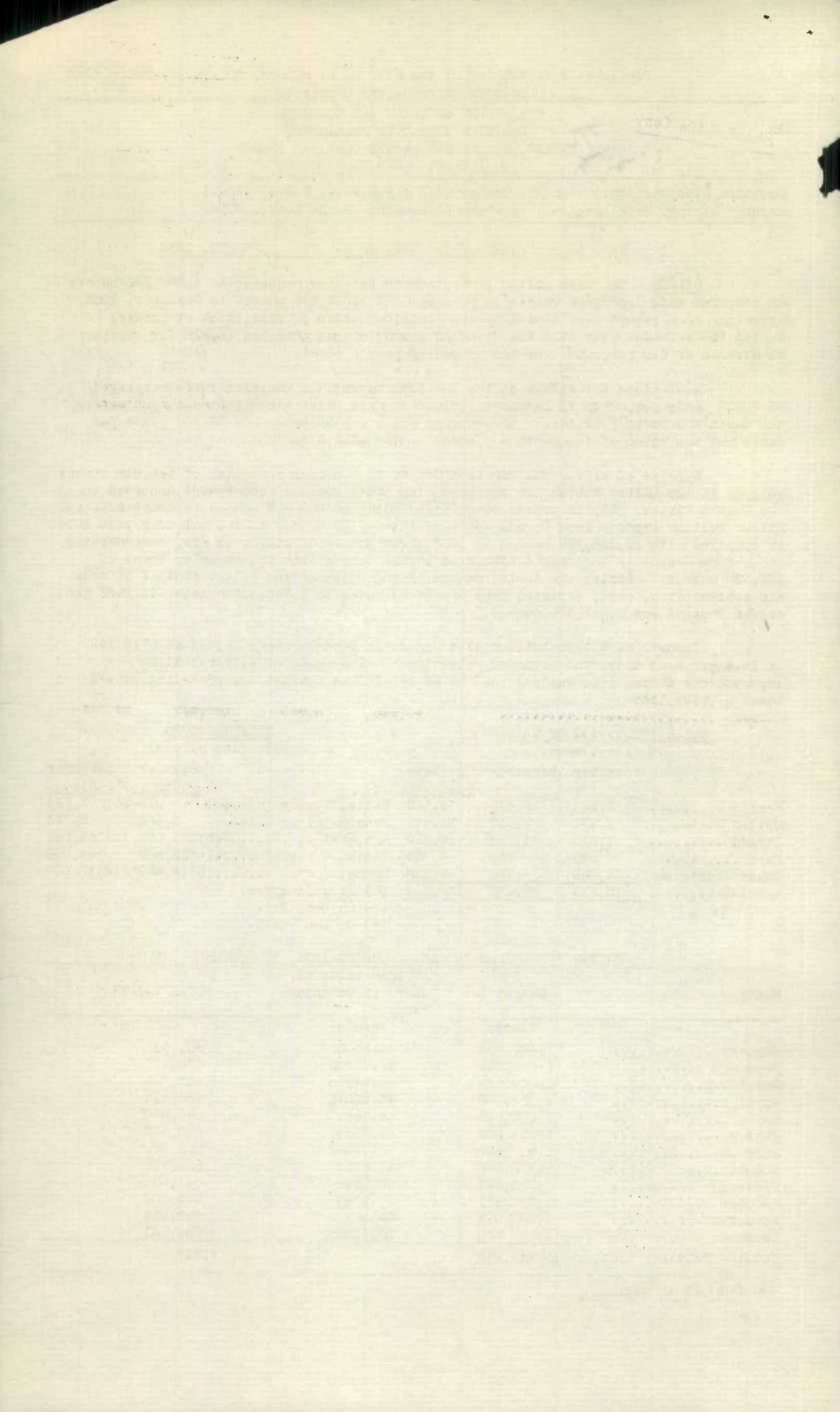
SILVER STOCKS  
 (000 fine ounces)

	November	December	Calendar Year 1934	SILVER STOCKS		
				November 30th	December 31st	
Mexico .....	6,241	5,614	74,142	United States (a) ....	916	1,146
United States ..	1,976	2,917	26,441	Canada (a) .....	2,954	2,743
Canada .....	1,535	1,363	16,219	Shanghai .....	(b) 281,080	(c) 261,540
Peru .....	828	937	8,759	Indian currency .....	332,509	326,838
Other countries.	4,739	4,595	54,828	Bombay (bars) .....	(b) 14,600	(c) 18,600
TOTAL .....	15,319	15,426	160,389	(a) At refineries.		
				(b) On Dec. 1st.		
				(c) On Dec. 29th.		

SILVER PRODUCTION IN CANADA DURING 1934, BY MONTHS

Month	Output (a)	Average value per		TOTAL VALUE (a)
		ounce in Canadian funds	cents	
January .....	1,489,694		44.39405	661,335
February .....	1,469,244		45.61228	670,156
March .....	1,049,961		45.97363	482,705
April .....	1,032,744		45.08512	465,614
May .....	1,508,323		44.1464	665,870
June .....	1,161,702		44.82065	520,682
July .....	1,237,340		45.76586	566,279
August .....	1,725,673		47.8532	825,790
September .....	1,333,597		48.0678	641,031
October .....	1,312,617		51.2797	673,106
November .....	1,535,079		52.956	812,916
December .....	1,363,238		53.72807	732,441
TOTAL - Calendar Year	16,219,212			7,717,925

(a) Subject to revision.



PRODUCTION OF SILVER IN CANADA (B)

Month	1934(a)	1933	1932	1931	1930	1929
	Ounces	Ounces	Ounces	Ounces	Ounces	Ounces
January .....	1,489,694	1,415,196	1,808,128	2,106,153	1,691,577	1,698,374
February .....	1,469,244	1,342,997	1,629,774	2,128,208	1,822,822	1,002,084
March .....	1,049,961	1,310,841	1,478,034	1,872,888	1,795,865	1,547,888
April .....	1,032,744	1,380,120	1,680,345	1,664,699	2,541,507	1,324,140
May .....	1,508,323	1,177,257	1,437,220	1,789,650	2,162,921	2,109,616
June .....	1,161,702	885,427	1,327,988	1,397,266	3,072,358	3,646,042
July .....	1,237,340	1,188,447	1,886,589	2,083,553	1,978,498	2,405,342
August .....	1,725,673	1,458,234	1,485,268	1,542,695	2,014,983	2,206,253
September .....	1,333,597	1,258,432	1,198,504	1,222,588	2,616,557	1,594,027
October .....	1,312,617	1,375,504	1,545,175	1,698,935	1,948,412	1,903,449
November .....	1,535,079	1,299,096	1,542,169	1,543,252	2,337,397	1,517,464
December .....	1,363,238	1,096,399	1,328,713	1,512,360	2,460,926	2,188,582
TOTAL .....	16,219,212	15,187,950	18,347,907	20,562,247	26,443,823	23,143,261

(a) Subject to revision.

(B) Please file for reference as the data for the period 1929 to 1932 will not be shown in the future in monthly reports.

IMPORTS OF SILVER BULLION INTO GREAT BRITAIN DURING DECEMBER, 1934.

	UNREFINED		REFINED	
	Troy ounces	£	Troy ounces	£
Union of South Africa .....	...	...	51,283	5,182
British India .....	1,000,000	101,811	658,310	71,688
Australia .....	...	...	137,349	14,305
New Zealand .....	...	...	27,978	3,111
Canada .....	...	...	113,940	12,346
Other British countries .....	11,502	919	373,802	36,145
Soviet Union (Russia) .....	...	...	1,362,236	146,921
Germany .....	...	...	20,591	2,248
Belgium .....	70,615	8,950	267,961	29,342
France .....	...	...	201,777	21,425
Egypt .....	9,130	460	...	...
Argentine Republic .....	2,411	160	5,120	520
Other Foreign countries .....	2,290,525	218,324	933,400	98,996
TOTAL .....	3,384,183	330,624	4,153,747	442,229

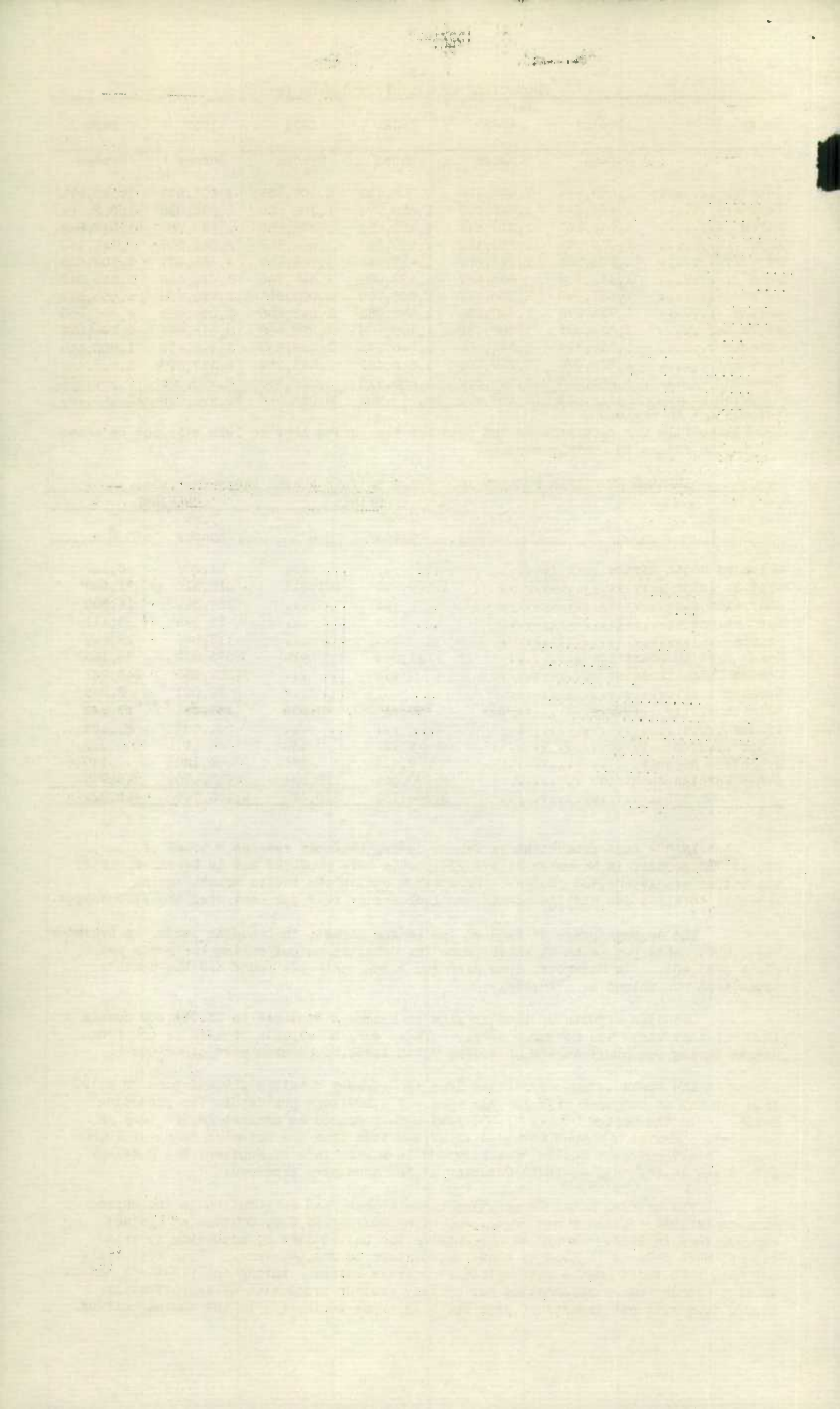
**LEAD** - Lead production in Canada during December reached a total of 32,146,753 pounds; in November 31,571,724 pounds were produced and in December, 1933, the output was 19,953,733 pounds. Production during the twelve months ending December totalled 345,626,716 pounds, an increase of 29.7 per cent over the 1933 output.

The average price of lead on the London market, in Canadian funds, in December was 2.2504 cents per pound at which price the Canadian output during the month was worth \$723,431. In November, lead averaged 2.269 cents per pound and the month's production was valued at \$716,362.

Canadian exports of lead in pigs in December amounted to 25,004,200 pounds or 12.9 per cent above the November total. There were no exports of lead in ore from Canada during December; in the preceding month 1,654,500 pounds were exported.

The world output of refined lead in December totalled 129,951 tons or 4,192 tons per day as compared with 125,612 tons and 4,187 tons per day in the preceding month. In the United States 32,500 tons were produced as against 29,755 tons in November. Mexico's output advanced to 17,457 tons from the November total of 15,830 tons. A 4.7 per cent decline was recorded in Australia's production; the December output was 16,554 tons while in November 17,367 tons were produced.

The British Metal Corporation reports that lead consumption in the United Kingdom in 1934 reached a new high level of approximately 320,000 tons as against 280,000 tons in 1933. World stocks outside the United States, according to this report, were reduced in 1934 by about 40,000 tons to 255,000 tons. This represents not more than three months consumption at current rates. During the first six months of 1934 Germany was supplementing her monthly smelter production of approximately 10,000 tons with net imports of over 5,000 tons per month, but in the second half of



the year the latter dropped to under 2,000 tons per month. In December, German buying of foreign lead was again on a larger scale.

The United States production of refined lead from domestic and secondary and foreign sources totalled 412,298 short tons in 1934 as compared with 374,153 tons, a year ago. Stocks on hand in the United States on December 31st amounted to 235,457 tons, or an increase of 32,396 tons during the year. Domestic lead shipments in the United States, according to the Metal and Mineral Markets, advanced 9.4 per cent in 1934 to 379,807 tons. Compared with 1933, shipments to the cable, ammunition and battery industries increased; on the other hand, there were declines in the tonnages shipped to the tin-foil and brass-making industries.

LEAD PRODUCTION IN CANADA DURING 1934, BY MONTHS

Month	Output(a)	Average value per		TOTAL VALUE(a)
		pound in Canadian funds		
	Pounds	Cents	\$	
January .....	28,322,117	2.5586	724,650	
February .....	27,651,190	2.63723	729,225	
March .....	22,174,753	2.6319	583,617	
April .....	26,293,879	2.6427	694,868	
May .....	25,939,731	2.516175	652,689	
June .....	28,613,779	2.4734	707,733	
July .....	31,240,043	2.406423	751,768	
August .....	30,276,573	2.39168	724,119	
September .....	32,269,623	2.2515	726,551	
October .....	29,126,551	2.23973	652,356	
November .....	31,571,724	2.269	716,362	
December .....	32,146,753	2.2504	723,431	
TOTAL - Calendar Year	345,626,716		8,387,369	

(a) Subject to revision.

PRODUCTION OF LEAD IN CANADA (C)

Month	1934(a)	1933	1932	1931	1930	1929
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
January .....	28,322,117	20,855,699	21,488,106	28,420,331	23,373,510	24,804,216
February .....	27,651,190	18,692,118	20,174,387	19,048,424	32,055,395	20,752,317
March .....	22,174,753	19,290,965	21,353,652	25,664,846	32,432,687	23,987,657
April .....	26,293,879	23,698,066	21,645,658	29,037,271	29,540,270	27,253,518
May .....	25,939,731	25,942,164	20,170,163	19,574,813	26,661,383	27,721,065
June .....	28,613,779	20,778,637	22,478,529	24,674,145	28,941,307	31,245,307
July .....	(b) 31,240,043	20,224,779	20,073,058	21,971,196	26,247,425	31,437,074
August .....	30,276,573	24,349,685	21,819,916	21,242,912	25,696,717	26,823,502
September .....	32,269,623	23,487,631	19,914,044	19,184,304	27,168,676	25,079,193
October .....	29,126,551	23,834,911	19,879,603	20,402,002	26,251,897	31,222,106
November .....	31,571,724	25,366,803	26,386,848	17,535,017	23,557,959	24,277,133
December .....	32,146,753	19,953,733	20,563,414	20,587,221	30,966,937	31,919,478
TOTAL .....	345,626,716	266,475,191	255,947,378	267,342,482	332,894,163	326,522,566

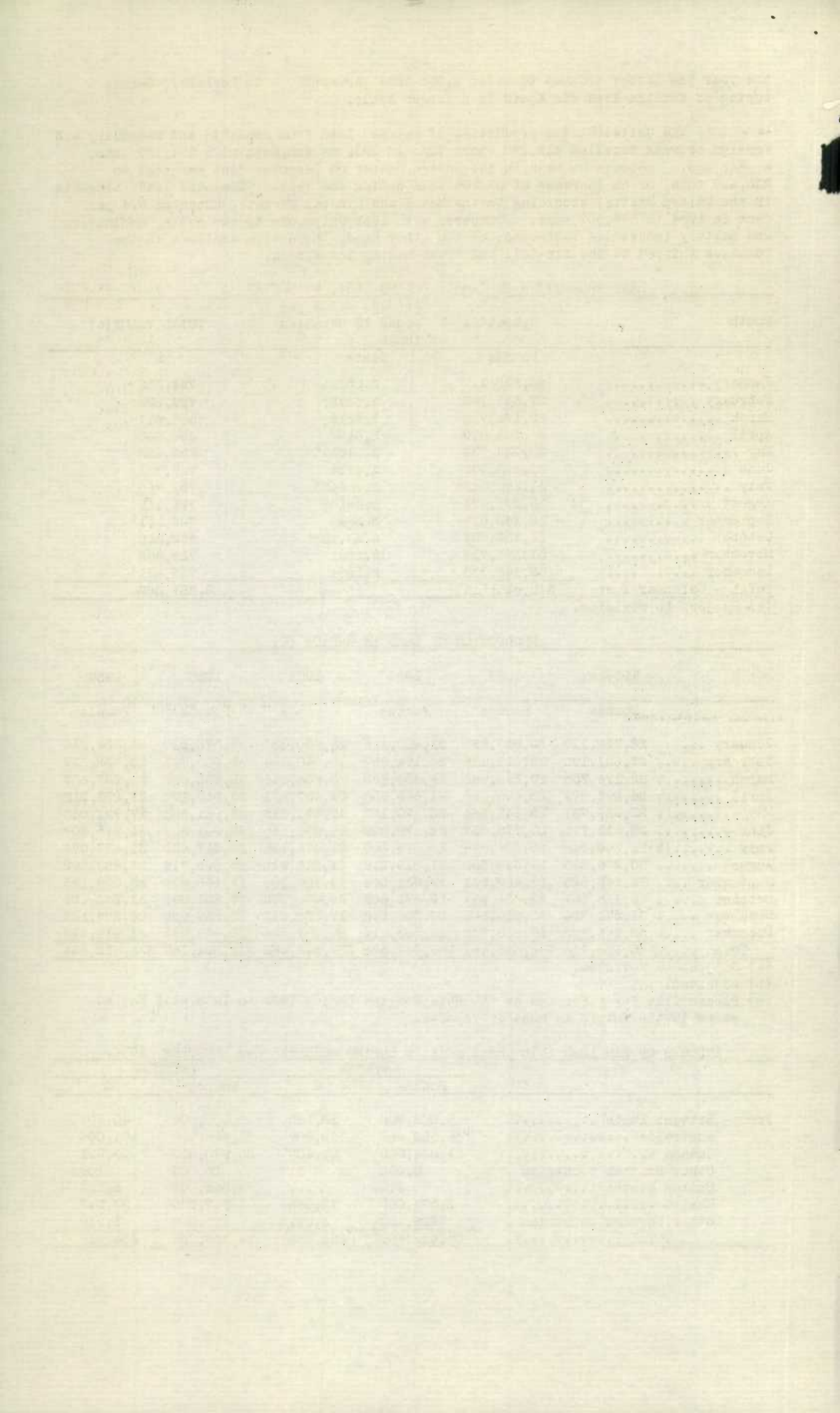
(a) Subject to revision.

(b) Adjusted.

(c) Please file for reference as the data for the period 1929 to 1932 will not be shown in the future in monthly reports.

IMPORTS OF PIG LEAD INTO GREAT BRITAIN DURING NOVEMBER and DECEMBER, 1934.

	NOVEMBER		DECEMBER	
	Pounds	£	Pounds	£
From - British India .....	6,832,000	32,935	8,400,000	40,104
Australia .....	34,332,480	162,807	35,790,720	171,006
Canada .....	11,674,880	57,405	20,970,880	99,091
Other British countries .	8,960	61	26,880	109
United States .....	...	...	1,344,000	6,152
Mexico .....	2,576,000	12,075	7,347,200	33,847
Other Foreign countries .	228,480	1,301	775,040	3,919
TOTAL .....	55,652,800	266,584	74,654,720	354,228



**ZINC** - The production of zinc in Canada during December was reported at 27,684,930 pounds; in November 27,222,359 pounds were produced and in December, 1933, the output was 22,238,145 pounds. Canada's zinc production in 1934 set up a new high record and amounted to 298,704,763 pounds. During 1933 the Canadian output totalled 199,131,984 pounds.

On the London market zinc quotations averaged 2.5589 cents per pound (in Canadian funds) as compared with the November average of 2.6102 cents per pound. Based on these prices the Canadian production in December was worth \$708,430 and in November, \$710,558.

Customs' records show that the zinc content of zinc concentrates exported from Canada in December amounted to 498 tons; the November total was 798 tons. Exports of zinc spelter advanced to 11,920 tons from the November exportations of 10,266 tons.

The world production of zinc in December was recorded at 119,548 tons as compared with 116,358 tons in the preceding month. The United States output in December advanced 2.0 per cent to 35,685 tons, on the other hand the Anglo-Australian production was 1.1 per cent lower at 10,879 tons. Zinc stocks in the United States increased 3,978 tons in December to 119,830 tons; on January 1, 1934, approximately 105,560 tons were on hand. Stocks held by the International Zinc Cartel declined 1,114 tons in December to 121,630 tons; at the end of 1933 the Cartel's stocks totalled 147,975 tons.

A meeting of the members of the International Zinc Cartel, which was to have taken place on December 20th, did not take place. As a result, the Cartel automatically ceased to exist after December 31, 1934.

The following extract from a Review of Base Metal Conditions by the British Metal Corporation Ltd. is of interest:

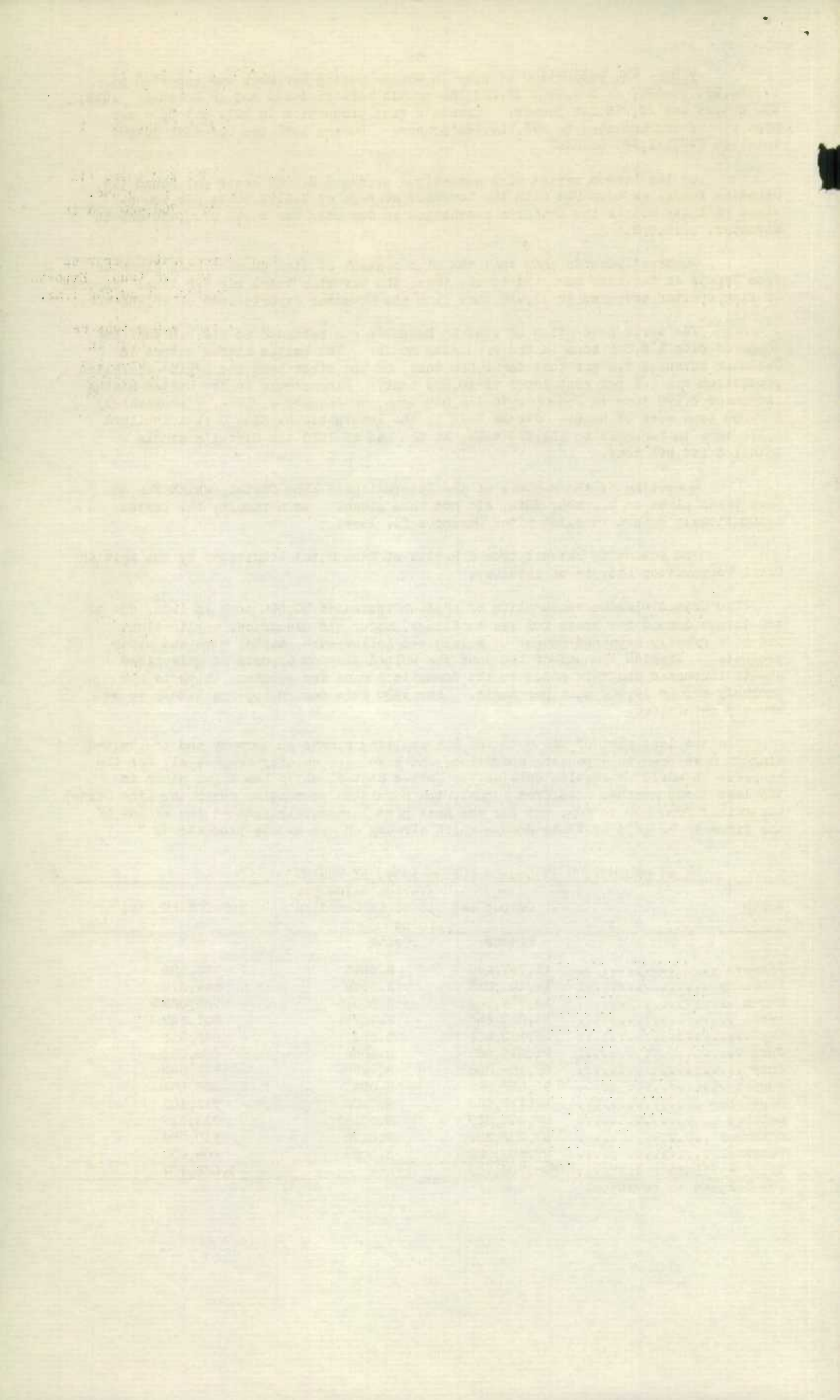
"The United Kingdom consumption of spelter increased 30,000 tons in 1934, due to the larger demand for brass for its buildings, motor and electrical applications and to a greatly expanded output of galvanised hollow-ware, tanks, wire and other products. Towards the end of the year the United Kingdom exports of galvanised sheets increased and this added to the domestic demand for spelter, which is now probably around 14,000 tons per month. For 1935 this demand appears likely to be broadly maintained.

"In the last part of the year the new smelting plants in Germany and the United Kingdom have been in expanding operation, and have been chiefly responsible for the increase in world production outside the United States, which has taken place in the last three months. As from August, the permitted production under the Zinc Cartel was raised from 50% to 60%, but for the most part this merely reduced the amount of the fines to be paid by those groups which already showed excess productions."

ZINC PRODUCTION IN CANADA DURING 1934, BY MONTHS

Month	Output (a)	Average value per	TOTAL VALUE (a)
		pound in Canadian funds	
	Pounds	Cents	\$
January .....	21,767,490	3.3246	723,682
February .....	19,150,013	3.3649	644,379
March .....	22,774,662	3.35915	765,035
April .....	26,012,656	3.42775	891,649
May .....	26,132,534	3.352	875,963
June .....	21,617,223	3.1865	688,833
July .....	22,186,356	2.99685	664,892
August .....	30,028,555	3.024	908,064
September .....	27,115,656	2.7405	743,105
October .....	27,012,329	2.64145	713,517
November .....	27,222,359	2.6102	710,558
December .....	27,684,930	2.5589	708,430
<b>TOTAL - Calendar Year ...</b>	<b>298,704,763</b>		<b>9,038,107</b>

(a) Subject to revision.





PRODUCTION OF ZINC IN CANADA (B)

Month	1934(a)	1933	1932	1931	1930	1929
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
January ....	21,767,490	14,127,780	15,110,952	20,313,866	17,627,865	16,013,178
February ...	19,150,013	12,863,477	14,224,276	20,553,489	20,538,855	16,235,153
March .....	22,774,662	14,040,189	15,165,791	23,297,788	22,188,090	19,050,553
April .....	26,012,656	13,642,357	14,650,218	22,707,451	20,036,901	17,813,561
May .....	26,132,534	14,162,694	15,247,980	24,213,078	19,754,884	17,565,687
June .....	21,617,223	15,884,010	14,665,930	22,471,392	22,346,295	16,636,830
July .....	22,186,356	14,588,630	15,206,916	20,831,627	19,794,662	14,339,395
August .....	30,028,555	16,575,867	15,732,634	19,198,013	26,048,452	16,092,288
September ..	27,115,656	18,619,586	13,301,607	16,433,590	25,603,361	16,889,922
October ....	27,012,323	20,648,443	13,703,319	16,603,673	24,613,602	14,101,118
November ...	27,222,359	21,740,306	13,305,200	15,841,329	23,663,946	14,825,078
December ...	27,684,930	22,238,145	13,968,755	14,580,155	25,126,592	17,704,324
TOTAL ....	298,704,763	199,151,984	172,233,558	237,245,451	267,643,505	197,267,087

(a) Subject to revision.

(B) Please file for reference as the data for the period 1929 to 1932 will not be shown in the future in monthly reports.

IMPORTS OF CRUDE ZINC INTO GREAT BRITAIN DURING NOVEMBER AND DECEMBER, 1934.

	NOVEMBER		DECEMBER	
	Pounds	£	Pounds	£
From - Australia .....	952,000	6,842	...	...
Canada .....	18,439,680	114,387	17,433,920	102,977
Other British countries ..	3,205,440	20,942	4,088,000	25,593
Germany .....	76,160	518	306,880	1,732
Belgium .....	5,169,920	28,196	5,949,440	32,532
Other Foreign countries ..	1,202,880	6,892	3,848,320	20,967
TOTAL .....	29,046,080	177,777	31,626,560	183,801

STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010672851