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

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MONTHLY REPORT

SILVER, LEAD AND ZINC PRODUCTION IN CANADA, SEPTEMBER, 1937.

SILVER - The Canadian production of silver in September declined to 2,357,798 ounces from the August total of 3,123,097 ounces, according to a report just issued by the Dominion Bureau of Statistics at Ottawa. In September, 1936, the output totalled 1,352,420 ounces. Production during the first nine months of 1937 aggregated 17,424,085 ounces compared with 13,217,411 ounces a year ago.

Silver quotations on the New York market (Hendy and Harman) averaged 44.752 cents per ounce, in Canadian funds; valued at this price the Canadian output during the month was worth \$1,055,132. In August the average price was 44.754 cents per ounce and the value of the month's production was \$1,400,396.

In September Canada exported silver bullion to a total of 1,185,206 ounces, made up of 1,127,658 ounces to the United States and 57,550 ounces to Great Britain. Exports of silver in ores, concentrates, etc., from Canada in September advanced to 1,035,206 ounces from the preceding month's total of 1,075,457 ounces.

Imports of silver bullion into Canada rose 61 per cent to 172,764 ounces from the August total of 107,300 ounces. During the nine months ending September, 1937, Canada imported 1,584,343 ounces of silver bullion.

Silver production in the United States during September declined to 5,779,000 ounces from the previous month's total of 7,441,000 ounces. Stocks in the United States increased 67,000 ounces during the month to 1,363,000 ounces. In Peru, 1,260,000 ounces were produced; during the preceding month the output was 1,333,000 ounces. Refined silver production in Australia rose to 900,000 ounces from the August output of 819,000 ounces.

PRODUCTION OF SILVER IN CANADA

Month	1937 (a)	1936	1935
	Ounces	Ounces	Ounces
January	1,390,476	1,217,111	1,265,225
February	1,322,833	1,240,733	1,025,258
March	1,658,546	1,469,442	1,289,011
April	1,488,350	1,467,925	1,025,273
May	1,352,580	1,422,356	1,665,135
June	1,956,422	1,667,607	1,524,740
July	2,767,983	1,811,959	1,183,820
August	3,123,097	1,567,358	1,630,399
September	2,357,798	1,352,420	1,347,904
October		1,593,017	1,323,659
November		1,676,751	1,616,355
December		1,847,308	1,721,781
TOTAL - CALENDAR YEAR		13,354,487	16,618,558
TOTAL - NINE MONTHS ending SEPTEMBER .	17,424,085	13,217,411	11,956,763

(a) Subject to revision.

IMPORTS OF SILVER BULLION INTO GREAT BRITAIN DURING SEPTEMBER, 1937.

	UNREFINED		REFINED	
	Troy ounces	£	Troy ounces	£
British India	42,150	4,310	121,640	10,900
Australia .....	...	...	2,850	246
New Zealand .....	...	...	23,750	2,665
Canada .....	...	...	57,540	5,040
Other British countries	3,554	231	...	...
Germany .....	...	...	340,209	29,072
Belgium	149,428	17,450	80,802	6,959
France .....	...	...	462,519	41,333
Japan	83,334	5,984	1,280,900	113,445
United States .....	...	...	2,034	182
Other foreign countries	8,366	2,433	322,430	28,762
TOTAL	286,832	30,427	2,700,474	236,604

LEAD - A new high monthly record was set up in the production of lead in Canada in September when 40,875,577 pounds were produced; in the preceding month the production was 40,590,985 pounds while in September, 1936, the output was 29,128,356 pounds. During the first nine months of 1937 Canada produced 312,736,666 pounds of lead compared with 276,231,332 pounds in the corresponding months of 1936.

On the London market lead quotations averaged 4.623 cents per pound, in Canadian funds, at which price the output in Canada during September was worth \$1,389,678. The August average price was 5.02 cents per pound and the value of the month's output was \$2,037,667.

Canada exported 25,384,800 pounds of pig lead in September; this represented an increase of 25.1 per cent over the August total. A 50.6 per cent decline was recorded in the exports of lead in ore, concentrates, etc., from Canada in September as compared with the preceding month; the totals were - 1,857,000 pounds and 3,762,500 pounds, respectively.

Refined lead production of the world amounted to 159,032 tons; in August, 158,352 tons were produced. The United States produced 37,989 tons of refined lead from domestic ore and 3,057 tons from secondary and foreign material. Stocks on hand in the United States declined 12,776 tons during September to 90,742 tons from the August 31st total. Mexico produced 19,743 tons of lead in September; during the previous month, 21,513 tons were produced. Australia's output rose 2,031 tons to 22,996 tons in September.

PRODUCTION OF LEAD IN CANADA

Month	1937(a)	1936	1935
	Pounds	Pounds	Pounds
January	34,112,307	28,105,650	22,801,153
February	28,504,743	27,149,114	27,533,488
March	35,207,467	31,294,840	31,750,104
April	35,154,985	33,670,727	24,952,047
May	34,183,050	32,047,660	26,929,409
June	32,785,808	28,523,448	27,509,446
July	31,321,744	32,324,511	29,269,276
August	40,590,985	33,987,026	26,620,501
September	40,875,577	29,128,356	26,471,867
October		28,260,126	32,986,982
November		38,316,019	32,545,947
December		40,373,432	29,734,359
TOTAL - CALENDAR YEAR		383,180,903	339,105,079
TOTAL - NINE MONTHS ending SEPTEMBER	312,736,666	276,231,332	243,837,291

(a) Subject to revision.

IMPORTS OF LEAD(x) INTO GREAT BRITAIN DURING AUGUST AND SEPTEMBER, 1937.

	AUGUST		SEPTEMBER	
	Pounds	£	Pounds	£
From - British India	8,736,000	36,178	6,274,240	59,519
Australia	24,192,000	242,782	18,887,680	181,722
Canada	16,329,600	172,736	16,092,160	162,454
Other British countries.....	22,400	136	2,240	20
United States	784,000	7,933	...	...
Mexico	11,204,480	119,946	7,358,400	73,458
Other Foreign countries	60,480	644	13,440	113
TOTAL	61,328,960	630,455	48,628,160	477,286

(x) Unwrought lead in pigs, ingots, blocks, bars, slabs and cakes.

ZINC - Canadian producers reported an output of 30,769,562 pounds of zinc in September as compared with 39,849,770 pounds in August and 31,169,138 pounds in September, 1936. Production during the first nine months of 1937 totalled 278,821,062 pounds or 8.3 per cent above the output a year ago.

The average price of zinc on the London market in September was 4.71 cents per pound, in Canadian funds; based on this price the estimated return to Canadian producers during the month was \$1,449,246. In August zinc averaged 5.361 cents per pound and the computed value of the month's output was \$2,136,346.

Zinc spelter exports in September advanced to 23,225,000 pounds from the preceding month's total of 22,719,100 pounds. Exportations of zinc in ore, concentrates, etc., from Canada amounted to 2,089,800 pounds; in August, 14,853,900 pounds were exported.

The American Bureau of Metal Statistics estimated the world output of zinc in September at 151,357 tons; in August the estimated production was 156,151 tons. The United States produced 50,027 tons in September and shipped 47,737 tons with the result that stocks increased 2,290 tons during the month to 13,517 tons. Unfilled orders in the United States on September 30th amounted to 92,319 tons against the August 31st total of 106,187 tons.

PRODUCTION OF ZINC IN CANADA

Month	1937(a)	1936	1935
	Pounds	Pounds	Pounds
January	19,782,526	27,415,869	24,927,726
February.....	20,547,397	20,701,884	20,679,256
March	31,437,089	26,316,915	27,021,993
April	33,121,107	23,731,010	23,688,134
May	31,649,474	29,663,548	27,476,119
June	35,165,425	30,022,201	28,254,101
July	36,498,712	34,794,466	27,658,014
August	39,849,770	33,544,390	28,930,131
September	30,769,562	31,169,138	27,125,462
October		31,724,468	27,575,751
November		22,779,772	28,911,026
December		21,319,075	28,402,146
TOTAL - CALENDAR YEAR		333,182,736	320,649,859
TOTAL - NINE MONTHS ending SEPTEMBER ..	278,821,062	257,359,421	235,760,936

(a) Subject to revision.

IMPORTS OF ZINC(x) INTO GREAT BRITAIN DURING AUGUST AND SEPTEMBER, 1937.

	AUGUST		SEPTEMBER	
	Pounds	£	Pounds	£
From - Australia	2,172,800	24,015	3,841,600	39,931
Canada	18,639,040	224,927	15,254,400	142,406
Other British countries	2,150,400	22,789	1,532,160	19,499
Germany	974,400	10,790	56,000	609
Belgium	8,467,200	92,422	6,975,360	69,172
Other Foreign countries ...	3,200,960	33,554	3,407,040	35,041
TOTAL	35,604,800	414,497	31,066,560	306,658

(x) Unwrought zinc in ingots, blocks, bars, slabs and cakes.



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