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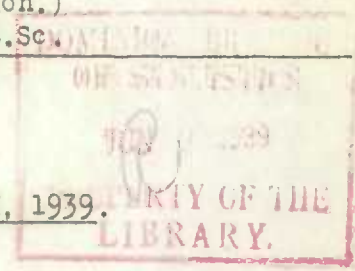
DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
MINING, METALLURGICAL AND CHEMICAL BRANCH  
OTTAWA - CANADA

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.

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MONTHLY REPORT

SILVER, LEAD and ZINC PRODUCTION IN CANADA - MARCH, 1939.



SILVER - Silver production in Canada during March totalled 1,620,396 ounces according to a report just issued by the Dominion Bureau of Statistics at Ottawa. In February, 1,281,624 ounces were produced while in March, 1938, the output was 1,698,215 ounces. The Canadian output during the first quarter amounted to 4,434,942 ounces compared with 4,700,115 ounces produced in the corresponding period, a year ago.

Silver quotations on the New York market (Handy & Harman) averaged 42.924 cents per ounce, in Canadian funds; valued at this price, the Canadian output during the month was worth \$695,539. In February, the average price was 42.959 cents per ounce and the value of the month's production was \$550,573.

Canada exported silver bullion to a total of 1,777,408 ounces in March compared with 866,045 ounces in the preceding month. Exports of silver in ore, concentrates, etc., rose to 267,937 ounces from the February total of 166,645 ounces.

The imports of silver bullion in Canada in March were recorded at 260,497 ounces valued at \$111,562; in February, 61,391 ounces worth \$26,697 were imported. The March receipts were made up of 133,385 ounces from the United States and 127,112 ounces from Great Britain.

The United States produced 5,067,000 ounces of silver in March; this represented a 3.8 per cent falling off from the output in the preceding month. In Peru, silver production declined to 1,650,000 ounces from the February total of 1,700,000 ounces.

PRODUCTION OF SILVER IN CANADA

Month	1939(a)	1938(a)	1937
	Ounces	Ounces	Ounces
January .....	1,532,922	1,571,052	1,399,094
February .....	1,281,624	1,430,848	1,341,800
March .....	1,620,396	1,698,215	1,692,055
April .....		1,606,723	1,504,214
May .....		1,571,437	1,359,702
June .....		2,821,218	2,390,368
July .....		2,584,296	2,806,580
August .....		2,139,043	3,059,196
September .....		1,680,722	2,367,022
October .....		1,774,446	2,042,044
November .....		1,706,529	1,636,109
December .....		1,681,078	1,379,567
TOTAL - CALENDAR YEAR .....		22,265,607	22,977,751
TOTAL - THREE MONTHS ending MARCH .....	4,434,942	4,700,115	4,432,949

(a) Subject to revision.

# UNITED STATES DEPARTMENT OF AGRICULTURE

## BUREAU OF PLANT INDUSTRY

### ANNUAL REPORT OF THE BUREAU OF PLANT INDUSTRY FOR THE YEAR 1911

Presented to the Senate and House of Representatives at the opening of the 63rd Congress, January 3, 1912.

1912

WASHINGTON

GOVERNMENT PRINTING OFFICE: 1912

The Bureau of Plant Industry, established in 1902, has during the year 1911, continued its work of promoting the growth of the plant industry in this country. It has been particularly active in the field of horticulture, and has made considerable progress in the cultivation of new and improved varieties of fruits and vegetables. It has also been successful in the propagation and distribution of many of the most valuable and useful plants of the tropics and subtropics. The Bureau has also been active in the field of forestry, and has made considerable progress in the cultivation and distribution of many of the most valuable and useful trees of the tropics and subtropics. The Bureau has also been active in the field of agriculture, and has made considerable progress in the cultivation and distribution of many of the most valuable and useful crops of the tropics and subtropics. The Bureau has also been active in the field of plant pathology, and has made considerable progress in the study and control of many of the most dangerous and destructive plant diseases. The Bureau has also been active in the field of plant physiology, and has made considerable progress in the study of many of the most important and interesting problems of plant life. The Bureau has also been active in the field of plant geography, and has made considerable progress in the study of many of the most important and interesting problems of plant distribution. The Bureau has also been active in the field of plant history, and has made considerable progress in the study of many of the most important and interesting problems of plant evolution. The Bureau has also been active in the field of plant economics, and has made considerable progress in the study of many of the most important and interesting problems of plant utilization. The Bureau has also been active in the field of plant education, and has made considerable progress in the study of many of the most important and interesting problems of plant teaching. The Bureau has also been active in the field of plant research, and has made considerable progress in the study of many of the most important and interesting problems of plant science. The Bureau has also been active in the field of plant conservation, and has made considerable progress in the study of many of the most important and interesting problems of plant preservation. The Bureau has also been active in the field of plant improvement, and has made considerable progress in the study of many of the most important and interesting problems of plant breeding. The Bureau has also been active in the field of plant introduction, and has made considerable progress in the study of many of the most important and interesting problems of plant acclimation. The Bureau has also been active in the field of plant distribution, and has made considerable progress in the study of many of the most important and interesting problems of plant movement. The Bureau has also been active in the field of plant utilization, and has made considerable progress in the study of many of the most important and interesting problems of plant use. The Bureau has also been active in the field of plant conservation, and has made considerable progress in the study of many of the most important and interesting problems of plant preservation. The Bureau has also been active in the field of plant improvement, and has made considerable progress in the study of many of the most important and interesting problems of plant breeding. The Bureau has also been active in the field of plant introduction, and has made considerable progress in the study of many of the most important and interesting problems of plant acclimation. The Bureau has also been active in the field of plant distribution, and has made considerable progress in the study of many of the most important and interesting problems of plant movement. The Bureau has also been active in the field of plant utilization, and has made considerable progress in the study of many of the most important and interesting problems of plant use.

### STATEMENT OF RECEIPTS AND DISBURSES

DATE	RECEIPTS	DISBURSES	BALANCE
1911			
Jan 1			100.00
Feb 1	100.00		200.00
Mar 1	100.00		300.00
Apr 1	100.00		400.00
May 1	100.00		500.00
Jun 1	100.00		600.00
Jul 1	100.00		700.00
Aug 1	100.00		800.00
Sep 1	100.00		900.00
Oct 1	100.00		1000.00
Nov 1	100.00		1100.00
Dec 1	100.00		1200.00
1912			
Jan 1			1300.00
Feb 1	100.00		1400.00
Mar 1	100.00		1500.00
Apr 1	100.00		1600.00
May 1	100.00		1700.00
Jun 1	100.00		1800.00
Jul 1	100.00		1900.00
Aug 1	100.00		2000.00
Sep 1	100.00		2100.00
Oct 1	100.00		2200.00
Nov 1	100.00		2300.00
Dec 1	100.00		2400.00
1913			
Jan 1			2500.00
Feb 1	100.00		2600.00
Mar 1	100.00		2700.00
Apr 1	100.00		2800.00
May 1	100.00		2900.00
Jun 1	100.00		3000.00
Jul 1	100.00		3100.00
Aug 1	100.00		3200.00
Sep 1	100.00		3300.00
Oct 1	100.00		3400.00
Nov 1	100.00		3500.00
Dec 1	100.00		3600.00
1914			
Jan 1			3700.00
Feb 1	100.00		3800.00
Mar 1	100.00		3900.00
Apr 1	100.00		4000.00
May 1	100.00		4100.00
Jun 1	100.00		4200.00
Jul 1	100.00		4300.00
Aug 1	100.00		4400.00
Sep 1	100.00		4500.00
Oct 1	100.00		4600.00
Nov 1	100.00		4700.00
Dec 1	100.00		4800.00
1915			
Jan 1			4900.00
Feb 1	100.00		5000.00
Mar 1	100.00		5100.00
Apr 1	100.00		5200.00
May 1	100.00		5300.00
Jun 1	100.00		5400.00
Jul 1	100.00		5500.00
Aug 1	100.00		5600.00
Sep 1	100.00		5700.00
Oct 1	100.00		5800.00
Nov 1	100.00		5900.00
Dec 1	100.00		6000.00
1916			
Jan 1			6100.00
Feb 1	100.00		6200.00
Mar 1	100.00		6300.00
Apr 1	100.00		6400.00
May 1	100.00		6500.00
Jun 1	100.00		6600.00
Jul 1	100.00		6700.00
Aug 1	100.00		6800.00
Sep 1	100.00		6900.00
Oct 1	100.00		7000.00
Nov 1	100.00		7100.00
Dec 1	100.00		7200.00
1917			
Jan 1			7300.00
Feb 1	100.00		7400.00
Mar 1	100.00		7500.00
Apr 1	100.00		7600.00
May 1	100.00		7700.00
Jun 1	100.00		7800.00
Jul 1	100.00		7900.00
Aug 1	100.00		8000.00
Sep 1	100.00		8100.00
Oct 1	100.00		8200.00
Nov 1	100.00		8300.00
Dec 1	100.00		8400.00
1918			
Jan 1			8500.00
Feb 1	100.00		8600.00
Mar 1	100.00		8700.00
Apr 1	100.00		8800.00
May 1	100.00		8900.00
Jun 1	100.00		9000.00
Jul 1	100.00		9100.00
Aug 1	100.00		9200.00
Sep 1	100.00		9300.00
Oct 1	100.00		9400.00
Nov 1	100.00		9500.00
Dec 1	100.00		9600.00
1919			
Jan 1			9700.00
Feb 1	100.00		9800.00
Mar 1	100.00		9900.00
Apr 1	100.00		10000.00
May 1	100.00		10100.00
Jun 1	100.00		10200.00
Jul 1	100.00		10300.00
Aug 1	100.00		10400.00
Sep 1	100.00		10500.00
Oct 1	100.00		10600.00
Nov 1	100.00		10700.00
Dec 1	100.00		10800.00
1920			
Jan 1			10900.00
Feb 1	100.00		11000.00
Mar 1	100.00		11100.00
Apr 1	100.00		11200.00
May 1	100.00		11300.00
Jun 1	100.00		11400.00
Jul 1	100.00		11500.00
Aug 1	100.00		11600.00
Sep 1	100.00		11700.00
Oct 1	100.00		11800.00
Nov 1	100.00		11900.00
Dec 1	100.00		12000.00
1921			
Jan 1			12100.00
Feb 1	100.00		12200.00
Mar 1	100.00		12300.00
Apr 1	100.00		12400.00
May 1	100.00		12500.00
Jun 1	100.00		12600.00
Jul 1	100.00		12700.00
Aug 1	100.00		12800.00
Sep 1	100.00		12900.00
Oct 1	100.00		13000.00
Nov 1	100.00		13100.00
Dec 1	100.00		13200.00
1922			
Jan 1			13300.00
Feb 1	100.00		13400.00
Mar 1	100.00		13500.00
Apr 1	100.00		13600.00
May 1	100.00		13700.00
Jun 1	100.00		13800.00
Jul 1	100.00		13900.00
Aug 1	100.00		14000.00
Sep 1	100.00		14100.00
Oct 1	100.00		14200.00
Nov 1	100.00		14300.00
Dec 1	100.00		14400.00
1923			
Jan 1			14500.00
Feb 1	100.00		14600.00
Mar 1	100.00		14700.00
Apr 1	100.00		14800.00
May 1	100.00		14900.00
Jun 1	100.00		15000.00
Jul 1	100.00		15100.00
Aug 1	100.00		15200.00
Sep 1	100.00		15300.00
Oct 1	100.00		15400.00
Nov 1	100.00		15500.00
Dec 1	100.00		15600.00
1924			
Jan 1			15700.00
Feb 1	100.00		15800.00
Mar 1	100.00		15900.00
Apr 1	100.00		16000.00
May 1	100.00		16100.00
Jun 1	100.00		16200.00
Jul 1	100.00		16300.00
Aug 1	100.00		16400.00
Sep 1	100.00		16500.00
Oct 1	100.00		16600.00
Nov 1	100.00		16700.00
Dec 1	100.00		16800.00
1925			
Jan 1			16900.00
Feb 1	100.00		17000.00
Mar 1	100.00		17100.00
Apr 1	100.00		17200.00
May 1	100.00		17300.00
Jun 1	100.00		17400.00
Jul 1	100.00		17500.00
Aug 1	100.00		17600.00
Sep 1	100.00		17700.00
Oct 1	100.00		17800.00
Nov 1	100.00		17900.00
Dec 1	100.00		18000.00
1926			
Jan 1			18100.00
Feb 1	100.00		18200.00
Mar 1	100.00		18300.00
Apr 1	100.00		18400.00
May 1	100.00		18500.00
Jun 1	100.00		18600.00
Jul 1	100.00		18700.00
Aug 1	100.00		18800.00
Sep 1	100.00		18900.00
Oct 1	100.00		19000.00
Nov 1	100.00		19100.00
Dec 1	100.00		19200.00
1927			
Jan 1			19300.00
Feb 1	100.00		19400.00
Mar 1	100.00		19500.00
Apr 1	100.00		19600.00
May 1	100.00		19700.00
Jun 1	100.00		19800.00
Jul 1	100.00		19900.00
Aug 1	100.00		20000.00
Sep 1	100.00		20100.00
Oct 1	100.00		20200.00
Nov 1	100.00		20300.00
Dec 1	100.00		20400.00
1928			
Jan 1			20500.00
Feb 1	100.00		20600.00
Mar 1	100.00		20700.00
Apr 1	100.00		20800.00
May 1	100.00		20900.00
Jun 1	100.00		21000.00
Jul 1	100.00		21100.00
Aug 1	100.00		21200.00
Sep 1	100.00		21300.00
Oct 1	100.00		21400.00
Nov 1	100.00		21500.00
Dec 1	100.00		21600.00
1929			
Jan 1			21700.00
Feb 1	100.00		21800.00
Mar 1	100.00		21900.00
Apr 1	100.00		22000.00
May 1	100.00		22100.00
Jun 1	100.00		22200.00
Jul 1	100.00		22300.00
Aug 1	100.00		22400.00
Sep 1	100.00		22500.00
Oct 1	100.00		22600.00
Nov 1	100.00		22700.00
Dec 1	100.00		22800.00
1930			
Jan 1			22900.00
Feb 1	100.00		23000.00
Mar 1	100.00		23100.00
Apr 1	100.00		23200.00
May 1	100.00		23300.00
Jun 1	100.00		23400.00
Jul 1	100.00		23500.00
Aug 1	100.00		23600.00
Sep 1	100.00		23700.00
Oct 1	100.00		23800.00
Nov 1	100.00		23900.00
Dec 1	100.00		24000.00
1931			
Jan 1			24100.00
Feb 1	100.00		24200.00
Mar 1	100.00		24300.00
Apr 1	100.00		24400.00
May 1	100.00		24500.00
Jun 1	100.00		24600.00
Jul 1	100.00		24700.00
Aug 1	100.00		24800.00
Sep 1	100.00		24900.00
Oct 1	100.00		25000.00
Nov 1	100.00		25100.00
Dec 1	100.00		25200.00
1932			
Jan 1			25300.00
Feb 1	100.00		25400.00
Mar 1	100.00		25500.00
Apr 1	100.00		25600.00
May 1	100.00		25700.00



IMPORTS OF SILVER BULLION INTO GREAT BRITAIN DURING MARCH, 1939.

	UNREFINED		REFINED	
	Troy ounces	£	Troy ounces	£
Union of South Africa .....	4,059	335	121,887	11,144
Southern Rhodesia .....	15,780	1,161	...	...
British India .....	...	...	...	...
Hong Kong .....	550,558	36,836	...	...
Canada .....	...	...	...	...
Australia .....	...	...	423,158	37,964
New Zealand .....	...	...	31,267	2,809
British West India Island and British Guiana	45	4	...	...
Other British countries .....	...	...	...	...
Germany .....	...	...	131,403	12,153
Netherlands .....	...	...	348,452	31,902
Belgium .....	209,445	21,500	814,422	74,594
France .....	81,113	6,228	1,434,850	129,593
Japan .....	...	...	1,277,103	118,649
United States .....	...	...	4,973,855	455,599
Mexico .....	...	...	137,904	13,558
Peru .....	7,368	511	...	...
Other Foreign countries .....	1,323	115	...	...
TOTAL .....	869,691	66,690	9,694,301	887,965

LEAD - The Canadian output of lead was recorded at 32,377,979 pounds in March; in the preceding month, 26,301,416 pounds were produced while in March, 1938, the output was 35,176,663 pounds. During the first three months of the current year, 90,785,647 pounds of lead were produced compared with 99,485,347 pounds, a year ago.

Quotations for lead on the London market in March averaged 3.052 cents per pound, in Canadian funds; the February average price was 2.994 cents a pound. Based on these prices, the March and February outputs in Canada were worth \$988,176 and \$787,464, respectively.

Pig lead exports rose to 46,789,500 pounds in March from the February total of 30,512,400 pounds. There were no exports of lead in ore, concentrates, etc. from Canada during March.

An advance of 12 per cent was shown in the world output of refined lead in March; the month's output was 159,969 tons as against 142,777 tons in February. Production in the United States included 37,790 tons from domestic ore and 3,009 tons from secondary and foreign; shipments during the month amounted to 40,871 tons with the result that stocks increased slightly to 122,035 tons.

PRODUCTION OF LEAD IN CANADA

Month	1939(a)	1938(a)	1937
	Pounds	Pounds	Pounds
January .....	32,106,252	37,522,125	33,837,404
February .....	26,301,416	26,786,559	28,148,960
March .....	32,377,979	35,176,663	34,875,643
April .....		35,406,758	34,793,543
May .....		32,408,798	33,857,445
June .....		37,934,740	33,216,465
July .....		38,724,783	31,267,580
August .....		39,826,892	40,566,787
September .....		35,680,581	40,788,803
October .....		38,556,376	40,632,503
November .....		30,304,916	33,707,511
December .....		30,665,627	26,306,840
TOTAL - CALENDAR YEAR .....		418,994,818	411,999,484
TOTAL - THREE MONTHS ending MARCH .....	90,785,647	99,485,347	96,862,007

(a) Subject to revision.





IMPORTS OF LEAD(x) INTO GREAT BRITAIN DURING FEBRUARY and MARCH, 1939.

	FEBRUARY		MARCH	
	Pounds	£	Pounds	£
Burma .....	8,848,000	56,423	10,642,240	69,888
Australia .....	28,640,640	185,052	33,100,480	218,336
Canada .....	17,987,200	119,229	18,179,840	119,269
Other British countries .....	8,960	46	2,240	9
United States .....	...	...	...	...
Mexico .....	2,464,000	15,942	1,344,000	8,812
Other Foreign countries .....	2,800,000	18,203	6,536,320	42,776
TOTAL .....	60,748,800	394,895	69,805,120	459,090

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

**ZINC** - During March the Canadian output of zinc amounted to 26,720,791 pounds compared with 25,372,817 pounds in February and 33,515,602 pounds in March, 1938. Production during the first quarter of 1939 aggregated 82,733,072 pounds; a year ago, 97,406,233 pounds were produced while in the first three months of 1937, the output was 70,089,214 pounds.

The average price of zinc on the London market in March was 2.856 cents per pound, in Canadian funds; valued at this price, the month's output in Canada was worth \$763,146. In February, zinc averaged 2.833 cents per pound and the value of the month's production was \$718,812.

An increase of 11.4 per cent was recorded in the exports of zinc in March compared with the preceding month; the totals were 26,818,300 pounds and 24,075,700 pounds, respectively. During the first quarter of the current year 79,022,800 pounds of zinc spelter were exported from Canada.

The American Bureau of Metal Statistics estimated the world output of zinc, in March, at 155,573 tons or 5,018 tons per day; in February, 140,548 tons were produced or 5,020 tons a day. The United States' zinc production in March amounted to 45,084 tons; this represented a daily rate of 1,454 tons as against the previous month's daily output of 1,415 tons. The American Zinc Institute reports that, in the United States, stocks of Prime Western zinc in the hands of producers increased 2,308 tons in March but, the High Grade division reported a reduction of 2,505 tons for the month, leaving a net decline of 207 tons. The United States stocks on March 31st totalled 127,985 tons.

PRODUCTION OF ZINC IN CANADA

Month	1939(a)	1938(a)	1937
	Pounds	Pounds	Pounds
January .....	30,639,464	34,865,607	19,198,520
February .....	25,372,817	29,025,024	19,926,075
March .....	26,720,791	33,515,602	30,964,619
April .....		33,724,256	32,552,773
May .....		35,163,472	30,839,919
June .....		31,549,136	35,309,776
July .....		28,367,785	36,433,162
August .....		29,591,363	37,867,371
September .....		29,415,685	30,147,486
October .....		29,188,430	37,251,611
November .....		34,810,834	30,307,731
December .....		31,932,095	29,538,546
TOTAL - CALENDAR YEAR .....		381,149,289	370,337,589
TOTAL - THREE MONTHS ending MARCH .....	82,733,072	97,406,233	70,089,214

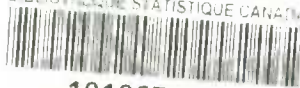
(a) Subject to revision.

IMPORTS OF ZINC(x) INTO GREAT BRITAIN DURING FEBRUARY and MARCH, 1939.

	FEBRUARY		MARCH	
	Pounds	£	Pounds	£
Northern Rhodesia .....	1,064,000	6,699	1,774,080	11,151
Australia .....	672,000	4,130	2,016,000	12,529
Canada .....	22,055,040	137,521	18,401,600	113,861
Other British countries .....	374,080	2,362	224,000	1,575
Germany .....	1,926,400	12,280	89,600	604
Belgium .....	7,629,440	46,439	8,117,760	49,999
Other Foreign countries .....	3,068,800	19,368	1,402,240	8,897
TOTAL .....	36,789,760	228,799	32,025,280	198,616

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

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