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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
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MONTHLY REPORT

SILVER, LEAD and ZINC PRODUCTION IN CANADA - DECEMBER, 1938.

SILVER - The Canadian production of silver in December amounted to 1,681,078 ounces compared with 1,706,529 ounces in the preceding month and 1,379,567 ounces in December, 1937, according to a report just issued by the Dominion Bureau of Statistics at Ottawa. Production during the calendar year totalled 22,265,607 ounces; in the previous year, 22,977,751 ounces were produced while in 1936 the output was 18,334,487 ounces.

Quotations for silver on the New York market (Handy and Harman) averaged 43.146 cents per ounce, in Canadian funds; based on this price the month's output in Canada was worth \$725,318. In November the average price was 43.06 cents per ounce and the value of the production during the month was \$734,831.

Exports of silver bullion increased 42.6 per cent in December to 1,655,298 ounces from the preceding month's total of 1,160,832 ounces. During the twelve months Canada exported 22,682,687 ounces of silver bullion compared with 14,620,025 ounces in 1937. Silver in ore, concentrates, etc., exported during December amounted to 203,760 ounces; in November, 366,957 ounces were exported while during the calendar year exports totalled 5,868,827 ounces.

Silver bullion importations advanced 54.5 per cent to 67,433 ounces worth \$27,378, made up of 56,912 ounces at \$23,056 from the United States and 10,521 ounces with a valuation of \$4,320 from Great Britain. Imports during 1938 reached a total of 2,011,048 ounces appraised at \$850,488 as against 1,987,032 ounces at \$870,388 imported in 1937.

The production of silver in the United States in December was recorded at 4,624,000 ounces; in November, 2,879,000 ounces were produced. Peru produced 1,850,000 ounces during December compared with 1,750,000 ounces in the previous month.

An announcement in the Metal and Mineral Markets states that President Roosevelt, by proclamation dated December 31, 1938, continued until June 30, 1939, the United States existing price of 64.64 cents per fine ounce for newly mined domestic silver. Handy and Harman estimate the total United States Government acquisitions of silver in 1938 at 403,200,000 ounces and the total Treasury holdings, including silver coin in circulation, on December 31st, at 2,575,000,000 ounces.

PRODUCTION OF SILVER IN CANADA

Month	OUTPUT (a)	1 9 3 8		: 1 9 3 7	: 1 9 3 6
		Average value per ounce in Canadian funds	TOTAL VALUE(a)		
	Ounces	cents	\$	Ounces	Ounces
January	1,571,052	44.754	703,109	1,399,094	1,217,111
February	1,430,348	44.736	640,104	1,341,800	1,240,733
March	1,698,215	44.569	756,877	1,692,055	1,469,442
April	1,606,723	42.983	690,618	1,504,214	1,467,925
May	1,571,437	43.091	677,148	1,359,702	1,422,856
June	2,821,218	43.213	1,219,133	2,390,368	1,667,607
July	2,584,296	42.972	1,110,524	2,806,580	1,811,959
August	2,139,043	42.893	917,500	3,059,196	1,567,353
September	1,680,722	43.022	723,080	2,367,022	1,352,420
October	1,774,446	43.140	765,656	2,042,044	1,593,017
November	1,706,529	43.060	734,831	1,636,109	1,676,751
December	1,681,078	43.146	725,318	1,379,567	1,847,303
TOTAL - CALENDAR YEAR.	22,265,607	...	9,665,893	22,977,751	18,334,487

(a) Subject to revision.

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THE HISTORY OF THE UNITED STATES

The history of the United States is a story of growth and development. It begins with the first settlers who came to the continent in search of a new life. They found a land of vast resources and a people who were determined to build a new nation.

The early years of the United States were marked by a period of exploration and discovery. The first settlers established small communities along the eastern coast. They were joined by others who came from Europe and Africa.

The United States grew in size and power. It became a nation of free men and women who were determined to build a better life for themselves and their children. The country was united by a common purpose and a common destiny.

The United States has a rich and varied history. It has been a land of opportunity and a land of hope. It has been a land where people have come to build a better life for themselves and their children.

The United States is a nation of free men and women. It is a nation where people are free to live their lives as they see fit. It is a nation where people are free to pursue their dreams and to build a better future for themselves and their children.

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Year	Population	Area	Capital
1776	3,900,000	3,500,000	Philadelphia
1790	3,900,000	3,500,000	Philadelphia
1800	3,900,000	3,500,000	Philadelphia
1810	3,900,000	3,500,000	Philadelphia
1820	3,900,000	3,500,000	Philadelphia
1830	3,900,000	3,500,000	Philadelphia
1840	3,900,000	3,500,000	Philadelphia
1850	3,900,000	3,500,000	Philadelphia
1860	3,900,000	3,500,000	Philadelphia
1870	3,900,000	3,500,000	Philadelphia
1880	3,900,000	3,500,000	Philadelphia
1890	3,900,000	3,500,000	Philadelphia
1900	3,900,000	3,500,000	Philadelphia
1910	3,900,000	3,500,000	Philadelphia
1920	3,900,000	3,500,000	Philadelphia
1930	3,900,000	3,500,000	Philadelphia
1940	3,900,000	3,500,000	Philadelphia
1950	3,900,000	3,500,000	Philadelphia
1960	3,900,000	3,500,000	Philadelphia
1970	3,900,000	3,500,000	Philadelphia
1980	3,900,000	3,500,000	Philadelphia
1990	3,900,000	3,500,000	Philadelphia
2000	3,900,000	3,500,000	Philadelphia
2010	3,900,000	3,500,000	Philadelphia
2020	3,900,000	3,500,000	Philadelphia

IMPORTS OF SILVER BULLION INTO GREAT BRITAIN DURING DECEMBER, 1938.

	UNREFINED		REFINED	
	Troy ounces	£	Troy ounces	£
Union of South Africa	3,213	259	74,347	6,699
Southern Rhodesia	19,093	1,330	...	...
British India	1,254,700	101,832	382,532	33,408
Hong Kong	60,000	4,000	...	...
Australia .....	...	...	546,503	48,952
British West India Island and British Guiana	51	1	...	...
Other British countries	2,013	113	...	...
Germany .....	...	...	72,253	6,530
Netherlands .....	...	...	18,454	1,654
Belgium	196,273	19,600	490,938	44,273
France	480,500	38,751	1,391,407	120,614
Argentine Republic .....	...	...	43,383	3,915
Other Foreign countries	12,135	711	...	...
TOTAL	2,036,992	166,597	3,023,957	266,045

IMPORTS OF SILVER BULLION INTO GREAT BRITAIN DURING THE CALENDAR YEAR 1938

	UNREFINED		REFINED	
	Troy ounces	£	Troy ounces	£
Union of South Africa	28,910	2,148	626,759	53,217
Southern Rhodesia	173,600	11,130	...	...
British East Africa	359	11	...	...
British India	3,001,622	247,085	5,451,486	469,737
British Malaya .....	...	...	111,740	9,419
Hong Kong	1,255,923	79,035	1,817,702	145,324
Australia	838	966	4,691,194	409,556
New Zealand .....	...	...	304,027	26,728
Canada .....	...	...	367,336	31,053
British West India Islands and British Guiana	1,062	60	...	...
Other British countries	17,919	1,228	...	...
Germany .....	...	...	3,601,068	308,574
Netherlands	321,594	27,044	759,888	68,461
Belgium	1,974,669	193,088	3,763,821	327,383
France	499,403	39,277	6,835,809	593,844
Switzerland .....	...	...	51,273	14,144
Portugal, Azores and Madeira .....	...	...	47	4
Iraq	72	5	...	...
Japan	91,113	6,224	9,469,820	825,723
United States .....	...	...	199,589	18,088
Venezuela	42	3	...	...
Argentine Republic	36,454	5,363	426,743	37,184
Other Foreign countries	280,781	29,259	1,719,797	149,357
TOTAL	7,744,561	650,935	40,220,117	3,483,793

LEAD - Lead production in Canada during December rose to 30,665,627 pounds from the preceding month's output of 30,304,916 pounds and the December, 1937, total of 26,306,840 pounds. An advance of 1.7 per cent was recorded in the production during the calendar year compared with 1937; the totals were - 418,904,318 pounds and 411,999,484 pounds, respectively.

The average price of lead on the London market in December was 3.171 cents per pound, in Canadian funds; valued at this price the output in Canada during the month was worth \$972,407. During November, lead averaged 3.396 cents per pound and the value of the month's production was \$1,029,155.

Canada exported 28,592,800 pounds of pig lead in December; in the previous month, 21,079,000 pounds were exported while during the calendar year exports totalled 309,864,100 pounds. The lead content of ores, concentrates, etc., exported in December, amounted to 129,300 pounds as against 319,000 pounds in November.

The American Bureau of Metal Statistics estimates the world output of refined lead in December at 154,225 tons or 2.4 per cent above the previous month's total of 150,647 tons. A decline of 13.8 per cent was shown in the United States production from domestic ores of 30,988 tons in December. Stocks in the United States on December 31, 1938, amounted to 115,902 tons compared with 129,131 tons on hand at the beginning of the year. The Australian production of lead (including lead refined in Great Britain) rose to 23,544 tons from the November total of 19,719 tons. Production in Mexico declined sharply in December to 7,020 tons; during the previous month, 14,819 tons were produced.

PRODUCTION OF LEAD IN CANADA

PRODUCTION OF LIME IN CANADA						
	1 9 3 8			: 1 9 3 7		: 1 9 3 6
Month	OUTPUT	Average value			OUTPUT	OUTPUT
	(a)	per pound in	TOTAL	VALUE(a):		
	Pounds	Canadian funds				
		cents	\$	Pounds	Pounds	
January	37,522,125	3.592	1,347,795	33,837,404	28,105,650	
February	28,736,559	3.440	921,458	28,148,960	27,149,114	
March	35,176,663	3.559	1,251,937	34,375,643	31,294,840	
April	35,406,753	3.474	1,230,031	34,793,545	33,670,727	
May	32,408,798	3.171	1,027,383	33,257,445	32,047,660	
June	37,934,740	3.125	1,185,461	33,216,465	28,523,448	
July	38,724,733	3.290	1,274,045	31,267,580	32,324,511	
August	39,823,892	3.131	1,246,980	40,566,787	33,537,026	
September	35,630,581	3.235	1,174,962	40,788,803	29,123,356	
October	38,556,378	3.462	1,334,822	40,632,503	28,260,126	
November	30,304,916	3.306	1,029,155	33,707,511	38,316,019	
December	30,635,627	3.171	972,407	26,326,840	40,373,432	
TOTAL - CALENDAR YEAR .	418,994,818	...	13,926,736	411,899,484	383,180,909	

(a) Subject to revision.

IMPORTS OF LEAD(x) INTO GREAT BRITAIN DURING NOVEMBER, DECEMBER AND THE CALENDAR YEAR 1938

	NOVEMBER		DECEMBER		CALENDAR YEAR	
	Pounds	£	Pounds	£	Pounds	£
British India	10,109,120	74,817	15,238,720	106,940	137,930,240	962,295
Australia	19,846,400	145,814	62,917,120	439,929	420,777,280	2,952,367
Canada	21,235,200	152,180	20,498,240	142,219	241,147,200	1,691,063
Other British countries	51,520	383	120,960	898	383,040	2,756
United States .....	...	...	...	...	58,240	348
Mexico	5,600,000	39,933	5,152,000	33,802	92,935,360	643,237
Other Foreign countries .....	...	...	1,240,960	8,614	19,414,080	128,812
TOTAL	56,842,240	413,177	105,168,000	732,392	912,645,440	6,380,878

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

ZINC - Canadian producers reported an output of 31,932,035 pounds of zinc in December and a total for the calendar year 1938 of 381,149,289 pounds. During 1937 the Canadian output aggregated 370,337,539 pounds.

Zinc quotations on the London market in December averaged 2.877 cents per pound, in Canadian funds; it was estimated from this valuation that the Canadian production during the month was worth \$918,636. The November average price was higher at 3.029 cents per pound and the computed value of the month's output was \$1,054,420.

Zinc spelter exports in December were recorded at 25,871,800 pounds compared with 16,481,000 pounds in the preceding month. During 1938 exportations totalled 264,424,100 pounds; this represented a decline of 1.5 per cent from the 1937 total. Exports of zinc in ore, concentrates, etc., rose to 5,285,500 pounds from the November shipments from Canada of 1,697,800 pounds.

The estimated world production of zinc in December was 152,613 tons or a daily rate of 4,923 tons; in November, 145,433 tons or 4,848 tons per day were produced. Zinc production in the United States has shown a steady advance since July and reached its second highest mark for the year in December at 44,825 tons. Stocks held in the United States at the end of the year amounted to 126,604 tons or an increase of 61,828 tons since January 1, 1938.

PRODUCTION OF ZINC IN CANADA

PRODUCTION OF LIME IN CANADA									
	1 9 3 8			:	1 9 3 7		:	1 9 3 6	
Month	OUTPUT	Average value		:		:		:	
	(a)	per pound in		:	TOTAL	:	OUTPUT	:	OUTPUT
		Canadian funds		:	VALUE(a)	:		:	
	Pounds	cents		:	\$	:	Pounds	:	Pounds
January	34,865,607	3.538		:	1,165,814	:	19,198,520	:	27,415,869
February	29,025,024	3.218		:	934,025	:	19,926,075	:	20,701,884
March	33,515,602	3.196		:	1,071,159	:	30,964,619	:	26,316,915
April	33,724,256	3.060		:	1,031,962	:	32,552,773	:	23,731,010
May	35,163,472	2.961		:	1,041,190	:	30,839,919	:	29,663,548
June	31,549,136	2.881		:	903,931	:	35,309,776	:	30,022,201
July	28,387,785	3.119		:	884,791	:	36,433,162	:	34,794,466
August	29,591,363	2.933		:	867,915	:	37,367,371	:	33,544,390
September	29,415,635	3.027		:	890,413	:	30,147,486	:	31,169,138
October	29,183,430	3.228		:	942,203	:	37,251,611	:	31,724,468
November	34,810,834	3.029		:	1,054,420	:	30,307,731	:	22,779,772
December	31,932,095	2.877		:	918,686	:	29,538,546	:	21,319,075
TOTAL - CALENDAR YEAR	381,149,239	...		:	11,709,509	:	370,337,589	:	333,182,736

(a) Subject to revision.

IMPORTS OF ZINC(x) INTO GREAT BRITAIN DURING NOVEMBER, DECEMBER and the CALENDAR YEAR 1938.

	NOVEMBER		DECEMBER		CALENDAR YEAR	
	Pounds	£	Pounds	£	Pounds	£
Northern Rhodesia	2,555,600	13,249	1,400,000	9,422	3,081,920	56,317
Australia	4,816,000	35,668	2,123,000	13,475	35,006,720	233,627
Canada	16,128,000	103,759	17,427,200	109,131	198,513,280	1,333,766
Other British countries .....	...	...	...	...	112,000	982
Germany	1,702,400	12,881	2,464,000	15,896	14,445,760	93,760
Belgium	8,247,680	54,149	9,300,480	57,967	81,032,480	526,621
Other Foreign countries	1,176,000	7,581	1,075,200	6,631	51,653,280	205,193
TOTAL	34,623,630	233,287	33,794,880	212,522	369,725,440	2,450,266

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

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