

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 - OCTOBER, 1938.

SILVER - The Dominion Bureau of Statistics at Ottawa reports that the Canadian output of silver in October amounted to 1,774,446 ounces compared with 1,680,722 ounces in the preceding month and 2,042,044 ounces in October, 1937. Production during the first ten months of the current year totalled 18,878,000 ounces; this represented a decline of 5.4 per cent from the output a year ago.

The average price of silver on the New York market (Handy & Harman) in October was 43.149 cents per ounce in Canadian funds; based on this price the Canadian output during the month was worth \$765,656. In September silver averaged 43.022 cents per ounce and the value of the month's output was \$723,080.

Exports of silver bullion from Canada during October advanced to 1,610,671 ounces from the September total of 708,555 ounces. The silver content of ores, concentrates, etc., exported during the month was 950,696 ounces as against 877,249 ounces in the previous month.

Silver bullion imports in October rose to 352,320 ounces worth \$149,411; during September, 109,270 ounces at \$44,119 were imported. The October importations were obtained from the United States.

Silver production in the United States during October amounted to 5,441,000 ounces compared with 5,073,000 ounces in the preceding month. The Peruvian output declined to 1,800,000 ounces from the September total of 1,875,000 ounces.

PRODUCTION OF SILVER IN CANADA

Month	1938(a)	1937	1936
	Ounces	Ounces	Ounces
January	1,571,052	1,339,094	1,217,111
February	1,430,848	1,341,800	1,240,733
March	1,698,215	1,692,055	1,469,442
April	1,606,723	1,504,214	1,467,925
May	1,571,437	1,359,702	1,422,856
June	2,821,218	2,390,368	1,667,607
July	2,584,296	2,806,580	1,811,959
August	2,139,043	3,059,196	1,567,358
September	1,680,722	2,367,022	1,352,420
October	1,774,446	2,042,044	1,593,017
November		1,636,109	1,676,751
December		1,379,567	1,847,308
TOTAL - CALENDAR YEAR		22,977,751	18,334,487
TOTAL - TEN MONTHS ending OCTOBER	18,878,000	19,962,075	14,810,428

(a) Subject to revision.

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

	UNREFINED		REFINED	
	Troy ounces	£	Troy ounces	£
Union of South Africa	2,490	184	75,928	6,792
Southern Rhodesia	19,880	1,258	...	...
British India	1,092,444	84,512	...	...
Hong Kong	351,331	28,498	159,000	14,000
Australia .....	...	...	15,571	1,359
British West India Island and British Guiana	15	1	...	...
Other British countries	2,471	160	...	...
Germany .....	...	...	157,138	13,915
Belgium	149,893	14,500	542,933	47,366
France	256	18	268,051	23,067
Switzerland .....	...	...	37,663	3,260
Iraq	28	2	...	...
Japan	63,335	4,548	2,418,003	214,218
Other Foreign countries	50,538	4,856	...	...
TOTAL	1,732,681	138,537	3,674,287	324,277

LEAD - Lead production in Canada during October amounted to 38,556,376 pounds; in the preceding month, 35,680,581 pounds were produced while in October, 1937, the output was 40,632,503 pounds. During the ten months ending October, Canada produced 358,024,275 pounds of lead compared with 351,985,133 pounds, a year ago.

Quotations for lead on the London market in October averaged 3.462 cents per pound, in Canadian funds; valued at this price the output during the month was worth \$1,534,822. The average price in September was 3.293 cents per pound and the value of the month's output was \$1,174,962.

An increase of 25.7 per cent was recorded in the exports of pig lead from Canada in October compared with the September exportations; the totals were 34,841,200 pounds and 27,714,800 pounds, respectively. The lead content of ores, concentrates, etc., exported in October amounted to 1,448,300 pounds; in the preceding month the lead content totalled 2,073,800 pounds.

The American Bureau of Metal Statistics estimates the world output of refined lead at 155,745 tons in October, or 4.4 per cent above the September total. In the United States, 27,963 tons were produced from domestic ores; stocks declined 15,877 tons during the month to 117,476 tons. Mexico produced 19,408 tons as against 21,615 tons in September. The Australian output of refined lead (including lead refined in Great Britain) totalled 21,237 tons; in September, 22,917 tons were produced.

PRODUCTION OF LEAD IN CANADA

Month	1938(a)	1937	1936
	Pounds	Pounds	Pounds
January	37,522,125	33,857,404	23,105,650
February	26,786,559	23,148,960	27,149,114
March	35,176,663	34,875,643	31,294,840
April	35,406,758	34,793,543	33,670,727
May	32,408,798	33,857,445	32,047,660
June	37,934,740	33,216,465	28,523,448
July	38,724,783	31,267,580	32,324,511
August	39,826,892	40,566,787	33,987,026
September	35,680,581	40,788,803	29,128,356
October	38,556,376	40,632,503	28,260,126
November .....	...	33,707,511	38,316,019
December .....	...	26,306,840	40,573,432
TOTAL - CALENDAR YEAR .....	...	411,999,484	383,180,909
TOTAL - Ten Months ending OCTOBER	358,024,275	351,985,133	304,491,458

(a) Subject to revision.

IMPORTS OF LEAD(x) INTO GREAT BRITAIN DURING SEPTEMBER and OCTOBER, 1938.

	SEPTEMBER		OCTOBER	
	Pounds	£	Pounds	£
British India	9,522,240	64,526	13,780,480	102,613
Australia	38,304,000	266,359	21,344,960	158,414
Canada	18,984,000	129,321	21,728,000	154,802
Other British countries	26,830	191	...	...
Mexico	13,044,000	93,312	13,328,000	95,812
Other Foreign countries	1,451,520	10,240	2,311,680	15,898
TOTAL	82,232,640	564,449	72,493,120	527,539

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

ZINC - The Canadian output of zinc in October totalled 29,188,430 pounds compared with 29,415,685 pounds in the preceding month and 37,251,611 pounds in October, 1937. Production during the ten months ending October aggregated 314,406,360 pounds or 1.3 per cent above the output of a year ago.

The average price of zinc on the London market in October was 3.228 cents per pound, in Canadian funds; the September average price was lower at 3.027 cents. Based on these prices, the October and September outputs were worth \$942,203 and \$890,413, respectively.

An increase of 40.9 per cent was recorded in the exports of zinc spelter during October when 28,819,000 pounds were shipped from Canada against 20,459,600 pounds in the previous month. No zinc concentrates were exported during October; in the preceding month exports amounted to 2,925,700 pounds.

The world output of zinc in October advanced to 142,641 tons or 4,601 tons per day from the September total of 131,931 tons or a daily average of 4,393 tons. In the United States production increased 13.6 per cent to 36,740 tons while shipments totalled 43,355 tons with the result that stocks at the end of the month were 6,615 tons lower at 124,128 tons.

PRODUCTION OF ZINC IN CANADA

Month	1938(a)	1937	1936
	Pounds	Pounds	Pounds
January	34,865,607	19,198,520	27,415,869
February	29,025,024	19,926,075	20,701,884
March	33,515,302	30,964,619	26,316,915
April	33,724,256	32,552,773	23,731,010
May	35,163,472	30,339,919	29,663,548
June	31,549,136	35,309,776	30,022,201
July	28,367,785	36,433,162	34,794,466
August	29,591,363	37,867,371	33,544,390
September	29,415,685	30,147,436	31,169,138
October	29,188,430	37,251,611	31,724,468
November		30,307,731	22,779,772
December		29,538,546	21,319,075
TOTAL - CALENDAR YEAR		370,337,589	333,182,736
TOTAL - TEN MONTHS ending OCTOBER	314,406,360	310,491,312	289,083,889

(a), Subject to revision.

IMPORTS OF ZINC(x) INTO GREAT BRITAIN DURING SEPTEMBER AND OCTOBER, 1938.

	SEPTEMBER		OCTOBER	
	Pounds	£	Pounds	£
Northern Rhodesia	448,000	2,979	1,243,200	8,950
Australia	4,256,000	28,426	1,344,000	10,100
Canada	10,920,000	68,579	17,841,600	120,113
Other British countries	224,000	1,588	...	...
Germany	463,680	3,365	784,000	5,666
Belgium	1,276,800	8,309	5,819,520	40,394
Other Foreign countries	2,737,280	17,983	4,217,920	28,766
TOTAL	20,325,760	131,029	31,250,240	213,989

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