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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, AUGUST, 1937.

**SILVER** - Silver production in Canada during August amounted to 3,129,097 ounces; in July, 2,767,983 ounces were produced while in August, 1936 the output was 1,567,358 ounces, according to a statement just issued by the Dominion Bureau of Statistics at Ottawa. The increased production during July and August this year has been due principally, to large seasonal shipments of silver-lead concentrates from the Mayo district, Yukon Territory, to the Bradley smelter in the United States. During the eight months ending August, Canada produced 15,066,287 ounces of silver or 27. per cent above the output, a year ago.

Quotations for silver on the New York market (Handy and Harman) averaged 44.754 cents per ounce, in Canadian pounds, at which price the Canadian production during the month was worth \$1,400,396. The average price in July was 44.808 cents per ounce and the value of the month's production was \$1,240,278.

Exports of silver bullion from Canada in August rose to 1,200,726 ounces and consisted of 938,663 ounces shipped to the United States and 262,063 ounces to Great Britain. In July, 1,045,821 ounces were exported to the United States and 25,370 ounces to Great Britain. Silver in ore, concentrates, etc. exported during the month under review amounted to 1,075,457 ounces of which 950,363 ounces were consigned to the United States and the remainder to Belgium.

Silver bullion importations into Canada in August were recorded at 107,300 ounces valued at \$45,275; the United States supplied 90.1 per cent of this bullion and Great Britain, the remainder. During July, 182,338 ounces worth \$80,613, were imported.

The United States production of silver amounted to 7,441,000 ounces as compared with 6,805,000 ounces in July. Stocks in the United States on August 31st totalled 1,296,000 ounces; on July 31st, 1,127,000 ounces were on hand. The Peruvian output declined to 1,333,000 ounces from the July total of 1,400,000 ounces. Australia's production of refined silver was recorded at 819,000 ounces as against 791,000 ounces in the preceding month.

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	1,422,856	1,665,133
June.....	1,956,422	1,667,607	1,524,740
July.....	2,767,983	1,811,959	1,183,820
August.....	3,129,097	1,567,358	1,630,399
September.....		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.....		18,334,487	16,618,558
TOTAL - EIGHT MONTHS ending AUGUST..	15,066,287	11,864,991	10,608,859

(a) Subject to revision.

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

	UNREFINED		REFINED	
	Troy ounces	£	Troy ounces	£
British India.....	130,087	12,974	198,043	17,774
Australia.....	-	-	36,994	3,330
New Zealand.....	-	-	37,494	3,408
Canada.....	-	-	262,082	23,123
Other British countries.....	3,115	175	-	-
Germany.....	-	-	286,788	24,255
Belgium.....	100,211	11,650	463,322	41,671
France.....	-	-	105,447	9,456
Japan.....	149,533	10,889	774,718	69,553
Other foreign countries.....	22,660	6,260	32,457	2,927
TOTAL.....	405,606	41,948	2,197,345	195,497

LEAD - Lead production in Canada reached a total of 40,590,985 pounds in August; during the preceding month, 31,321,744 pounds were produced while in August, 1936 the output was 33,987,026 pounds. Production during the eight months ending August aggregated 271,861,089 pounds, or 10 per cent above the output, a year ago.

Lead quotations on the London market in August averaged 5.02 cents per pound, in Canadian funds; at this price, the output in Canada during the month was worth \$2,037,667. The July average price was 5.309 cents per pound and the value of the month's output was \$1,662,871.

Exports of pig lead from Canada were recorded at 20,289,000 pounds as compared with 30,738,600 pounds exported in July. Lead in ore, concentrates, etc. exported during the month amounted to 3,762,500 pounds; in July, 2,886,100 pounds were exported.

The world production of refined lead rose to 158,373 tons from the previous month's total of 156,583 tons. The United States output in August consisted of 42,460 tons from domestic ores and 4,505 tons from secondary and foreign material. Shipments during the month advanced to 54,551 tons, resulting in a decrease of 7,585 tons in stocks on hand. On August 31st, 103,518 tons were on hand as against 218,233 tons, a year ago. The Mexican output in August was 21,513 tons or 7.1 per cent above the previous month's production. Australia produced 20,965 tons; in July, 20,196 tons were produced.

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.....		29,128,356	26,471,867
October.....		28,260,126	32,986,982
November.....		38,316,019	32,545,947
December.....		40,373,432	29,734,859
TOTAL - CALENDAR YEAR.....		383,180,909	339,105,079
TOTAL - EIGHT MONTHS ENDING AUGUST.....	271,861,089	247,102,976	217,365,424

(a) Subject to revision.

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

	JULY		AUGUST	
	Pounds	£	Pounds	£
From - British India.....	9,410,240	101,357	8,736,000	86,178
Australia.....	32,513,600	348,684	24,192,000	242,782
Canada.....	22,680,000	254,066	16,329,600	172,736
Other British countries.....	2,240	19	22,400	186
United States.....	1,680,000	18,279	784,000	7,983
Mexico.....	11,760,000	131,850	11,204,480	119,946
Other foreign countries.....	383,040	4,093	60,480	644
TOTAL.....	78,429,120	858,348	61,328,960	630,455

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





**ZINC** - The Canadian output of zinc in August totalled 39,849,770 pounds as compared with 36,498,712 pounds in the preceding month and 33,544,390 pounds in August 1936. An advance of 9.7 per cent was recorded in the output during the first eight months of 1937 as against the production for the corresponding period of 1936; the totals were 248,051,500 pounds and 226,190,283 pounds, respectively.

The average price of zinc on the London market, in Canadian funds, in August was 5.361 cents per pound; based on this price, the estimated return to Canadian producers during the month was \$2,136,346. During July, zinc averaged 5.008 cents per pound and the computed value of the month's output was \$1,827,855.

Canada's exports of zinc spelter in August were recorded at 22,719,100 pounds; in July 26,519,700 pounds were exported. Exports of zinc in ore, concentrates, etc. rose to 14,853,900 pounds from the previous month's total of 13,782,000 pounds.

Zinc production of the world in August amounted to 156,152 tons; in the preceding month 156,648 tons were produced. United States producers reported an output of 48,309 tons as against 49,181 tons in July. Stocks in the United States declined 2,334 tons to 11,227 tons on August 31st. According to the American Bureau of Metal Statistics, in view of the arrival of supplies from abroad, the strong domestic statistics carry little weight marketwise. This authority also quotes the trade as stating that, the arrivals of foreign zinc in the United States will amount to at least 20,000 tons before imports get back to normal.

#### 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.....		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 - EIGHT MONTHS ending AUGUST.....	248,051,500	226,190,283	208,635,474

(a) Subject to revision.

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

	JULY		AUGUST	
	Pounds	£	Pounds	£
From - Australia.....	224,000	2,534	2,172,800	24,015
Canada.....	17,978,240	220,363	18,639,040	224,927
Other British Countries.....	1,870,400	22,176	2,150,400	28,789
Germany.....	44,800	686	974,400	10,790
Belgium.....	10,525,760	109,616	8,467,200	92,422
Other foreign countries.....	739,200	8,036	3,200,960	33,554
TOTAL.....	31,382,400	363,411	35,604,800	414,497

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

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TABLE 1			
Annual production of goods and services, 1967-1978			
Year	1967	1978	Index (1967=100)
Total	100.0	150.0	150.0
Manufacturing	40.0	60.0	150.0
Construction	10.0	15.0	150.0
Wholesale trade	15.0	20.0	133.3
Retail trade	10.0	15.0	150.0
Food service	5.0	7.5	150.0
Health services	5.0	7.5	150.0
Education	5.0	7.5	150.0
Government	10.0	15.0	150.0
Other	5.0	7.5	150.0
Total	100.0	150.0	150.0