

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, 1936.

SILVER - The Canadian production of silver in September declined to 1,328,661 ounces from the August total of 1,539,360 ounces and the September, 1935, output of 1,347,904 ounces, according to a report just issued by the Dominion Bureau of Statistics at Ottawa. During the nine months ending September, 13,110,327 ounces were produced; this represented an advance of 9.6 per cent over the output in the corresponding months of 1935.

Silver quotations on the New York market (Handy and Harman) in September averaged 44.7366 cents per ounce, in Canadian funds; in August the average price was 44.7545 cents per ounce. Based on these monthly prices, the Canadian output in September was worth \$594,398 and in August, \$688,933.

Exports of silver bullion from Canada in September recorded a 73.3 per cent falling off to 416,994 ounces from the previous month's total of 1,559,496 ounces. The United States received 81.7 per cent of the September exports and Great Britain, the remainder. Exportations of silver in ore, concentrates, etc., in September advanced to 733,199 ounces from the August exports of 431,329 ounces.

Imports of silver bullion into Canada in September totalled 92,734 ounces as compared with 201,842 ounces imported in August. The September importations were obtained from the United States.

The American Bureau of Metal Statistics estimated the world output of silver at 21,788,000 ounces as compared with 21,508,000 ounces in August. Mexico produced 7,078,000 ounces of silver in September; in the preceding month 7,854,000 ounces were produced. Silver production in the United States rose 16.7 per cent to 5,524,000 ounces in September. Peru's output was slightly higher at 1,525,000 ounces. Australia produced 672,000 ounces of refined silver as against 657,000 ounces in August.

PRODUCTION OF SILVER IN CANADA.

Month	1936(a)	1935	1934
	Ounces	Ounces	Ounces
January .....	1,213,488	1,265,225	1,486,254
February .....	1,235,039	1,025,258	1,467,187
March .....	1,460,402	1,289,011	1,043,488
April .....	1,461,621	1,025,273	1,021,799
May .....	1,419,146	1,665,133	1,511,970
June .....	1,656,683	1,524,740	1,261,732
July .....	1,795,927	1,183,820	1,299,227
August .....	1,539,360	1,630,399	1,808,613
September .....	1,328,661	1,347,904	1,322,132
October .....		1,323,659	1,302,645
November .....		1,616,355	1,535,268
December .....		1,721,781	1,354,967
TOTAL - Calendar Year .....		16,618,558	16,415,282
TOTAL - NINE MONTHS ending SEPTEMBER ..	13,110,327	11,956,763	12,222,402

(a) Subject to revision.





IMPORTS OF SILVER BULLION INTO GREAT BRITAIN DURING SEPTEMBER, 1936.

	UNREFINED		REFINED	
	Troy ounces	£	Troy ounces	£
British India .....	66,476	6,530	96,994	8,475
New Zealand.....	1,448	131	31,293	2,754
Canada .....	...	...	76,131	6,560
British West India Islands and British Guiana	347	25	...	...
Germany .....	...	...	118,511	9,770
Netherlands ..	...	...	321,720	28,100
Belgium .....	147,119	16,700	4,662	408
France .....	...	...	51,380	4,293
Japan .....	1,082,106	78,144	1,079,208	94,521
Argentine Republic .....	3,800	200	...	...
Other Foreign countries .....	1,050	66	295,852	26,015
TOTAL .....	1,302,346	101,796	2,075,751	180,896

WORLD PRODUCTION OF SILVER  
(000 fine ounces)

	AUGUST 1936	SEPTEMBER 1936
Mexico .....	7,854	7,078
United States .....	4,733	5,524
Canada .....	1,539	1,329
Peru .....	1,515	1,525
Other countries ....	5,867	6,332
TOTAL .....	21,508	21,788

SILVER STOCKS AT REFINERIES  
(000 fine ounces)

	AUGUST 31st	SEPTEMBER 30th
United States .....	1,535	779
Canada .....	317	545

Silver stocks in the licensed vaults of the Canadian Commodity Exchange at Montreal were as follows:-

On August 31st, 1936 .....	1,973,826 ounces
On September 30th, 1936 .....	2,125,426 ounces

LEAD - Lead production in Canada during September declined to 29,128,356 pounds from the August output of 33,987,026 pounds. In September, a year ago, 26,471,867 pounds were produced. The Canadian output during the first nine months of 1936 totalled 276,231,332 pounds as compared with 243,837,291 pounds in the corresponding months of 1935.

Lead quotations on the London market have recorded a steady advance during the past three months and in September averaged 4.05122 cents per pound, in Canadian funds. Valued at this price the Canadian output during the month was worth \$1,180,054. The August average price was 3.76359 cents per pound and the value of the month's production was \$1,279,132.

Pig lead exports from Canada in September amounted to 28,655,800 pounds; in the preceding month 30,293,000 pounds were exported. Exports of lead in ore, concentrates, etc., in September were lower at 984,800 pounds.

The United States production of refined lead in September was recorded at 29,788 tons as compared with 31,117 tons in August. Stocks of lead in the United States declined 17,716 tons in September to 200,517 tons. Mexico produced 18,675 tons of lead during the month; in August, 20,004 tons were produced. Australia's output was 5.3 per cent lower at 16,787 tons, on the other hand, Germany's production rose 15.5 per cent to 13,977 tons.

TABLE I		TABLE II	
Year	Value	Year	Value
1910	100	1910	100
1911	105	1911	105
1912	110	1912	110
1913	115	1913	115
1914	120	1914	120
1915	125	1915	125
1916	130	1916	130
1917	135	1917	135
1918	140	1918	140
1919	145	1919	145
1920	150	1920	150
1921	155	1921	155
1922	160	1922	160
1923	165	1923	165
1924	170	1924	170
1925	175	1925	175
1926	180	1926	180
1927	185	1927	185
1928	190	1928	190
1929	195	1929	195
1930	200	1930	200

TABLE III		TABLE IV	
Year	Value	Year	Value
1910	100	1910	100
1911	105	1911	105
1912	110	1912	110
1913	115	1913	115
1914	120	1914	120
1915	125	1915	125
1916	130	1916	130
1917	135	1917	135
1918	140	1918	140
1919	145	1919	145
1920	150	1920	150
1921	155	1921	155
1922	160	1922	160
1923	165	1923	165
1924	170	1924	170
1925	175	1925	175
1926	180	1926	180
1927	185	1927	185
1928	190	1928	190
1929	195	1929	195
1930	200	1930	200

TABLE V		TABLE VI	
Year	Value	Year	Value
1910	100	1910	100
1911	105	1911	105
1912	110	1912	110
1913	115	1913	115
1914	120	1914	120
1915	125	1915	125
1916	130	1916	130
1917	135	1917	135
1918	140	1918	140
1919	145	1919	145
1920	150	1920	150
1921	155	1921	155
1922	160	1922	160
1923	165	1923	165
1924	170	1924	170
1925	175	1925	175
1926	180	1926	180
1927	185	1927	185
1928	190	1928	190
1929	195	1929	195
1930	200	1930	200

TABLE VII		TABLE VIII	
Year	Value	Year	Value
1910	100	1910	100
1911	105	1911	105
1912	110	1912	110
1913	115	1913	115
1914	120	1914	120
1915	125	1915	125
1916	130	1916	130
1917	135	1917	135
1918	140	1918	140
1919	145	1919	145
1920	150	1920	150
1921	155	1921	155
1922	160	1922	160
1923	165	1923	165
1924	170	1924	170
1925	175	1925	175
1926	180	1926	180
1927	185	1927	185
1928	190	1928	190
1929	195	1929	195
1930	200	1930	200



PRODUCTION OF LEAD IN CANADA.

Month	1936(a)	1935	1934
	Pounds	Pounds	Pounds
January .....	28,105,650	22,801,153	28,375,287
February .....	27,149,114	27,533,488	27,703,101
March .....	31,294,840	31,750,104	22,216,383
April .....	33,670,727	24,952,047	26,343,242
May .....	32,047,660	26,929,409	25,988,429
June .....	28,523,448	27,509,446	28,667,497
July .....	32,324,511	29,269,276	31,298,691
August .....	33,987,026	26,620,501	30,333,412
September .....	29,128,356	23,471,867	32,330,204
October .....		32,986,982	29,181,232
November .....		32,545,947	31,630,995
December .....		29,734,859	32,207,103
TOTAL - Calendar Year .....		339,105,079	346,275,576
TOTAL - NINE MONTHS ending SEPTEMBER ...	276,231,332	243,837,291	253,256,246

(a) Subject to revision.

IMPORTS OF LEAD(x) INTO GREAT BRITAIN DURING AUGUST AND SEPTEMBER, 1936.

	AUGUST		SEPTEMBER	
	Pounds	£	Pounds	£
From - British India .....	11,760,000	89,505	5,936,000	48,737
Australia .....	23,219,840	175,530	33,891,200	276,935
Canada .....	19,129,600	143,624	19,868,800	155,229
Other British countries .....	6,720	40	...	...
United States .....	112,000	837	1,008,000	8,043
Mexico .....	11,089,000	82,486	9,744,000	76,664
Other Foreign countries .....	593,600	4,279	232,960	1,999
TOTAL .....	65,909,760	496,301	70,680,960	567,607

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

**ZINC** - The Canadian production of zinc in September was recorded at 31,133,738 pounds as compared with 33,506,293 pounds in August and 27,125,462 pounds in September, 1935. During the nine months ending September, Canada produced 257,067,130 pounds of zinc; a year ago, 235,760,936 pounds were produced.

The average price of zinc on the London market in September was 3.12823 cents per pound in Canadian funds; valued at this price the Canadian output during the month was <sup>worth</sup> \$973,935. In August, zinc averaged 3.03565 cents per pound and the month's output was worth \$837,751.

Customs' records show that 27,428,100 pounds of zinc spelter were exported from Canada in September as against 32,988,000 pounds in the preceding month. Exports of zinc in ore, concentrates, etc., during September declined to 2,481,800 pounds from the August total of 16,830,200 pounds.

The world production of zinc in September was estimated at 134,083 tons, or an average of 4,469 tons per day; in August, 137,714 tons, were produced, or a daily average of 4,442 tons. Production in the United States amounted to 42,283 tons as compared with 43,614 tons in August. Germany and Australia produced approximately the same tonnages as in the preceding month; the totals for September were 12,346 tons and 12,453 tons, respectively.





PRODUCTION OF ZINC IN CANADA.

Month	1936 (a)	1935	1934
	Pounds	Pounds	Pounds
January .....	27,384,732	24,927,726	21,758,375
February .....	20,678,372	20,679,256	19,141,994
March .....	26,287,026	27,021,993	22,765,125
April .....	23,704,058	23,688,134	26,001,763
May .....	29,629,858	27,476,119	26,121,591
June .....	29,988,104	28,254,101	21,608,171
July .....	34,754,949(b)	27,658,014	22,177,066
August .....	33,506,293(b)	28,930,131	30,015,981
September .....	31,133,738	27,125,462	27,104,302
October .....		27,575,751	27,001,018
November .....		28,911,026	27,210,960
December .....		28,402,146	27,673,337
TOTAL - Calendar Year .....		320,649,859	298,579,683
TOTAL - NINE MONTHS ending SEPTEMBER ...	257,067,130	235,760,936	216,694,368

(a) Subject to revision.

(b) Revised.

IMPORTS OF ZINC(x) INTO GREAT BRITAIN DURING AUGUST AND SEPTEMBER, 1936.

	AUGUST		SEPTEMBER	
	Pounds	£	Pounds	£
From - Australia .....	452,480	3,185	2,060,800	13,625
Canada .....	18,795,840	123,876	19,335,680	130,306
Other British countries .....	3,722,880	25,759	2,598,400	18,177
Germany .....	26,820	188	33,600	238
Belgium .....	1,749,440	11,085	2,914,240	18,240
United States .....	224,000	1,338	...	...
Other Foreign countries .....	797,440	5,119	1,453,760	9,097
TOTAL .....	25,768,960	170,550	28,396,480	189,683

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

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