Minister of Trade and Commerce.

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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 - JANUARY, 1938.

SILVER - The Dominion Bureau of Statistics at Ottawa reports that the Canadian output of silver in January amounted to 1,571,052 ounces compared with 1,366,034 ounces in the preceding month and 1,390,476 ounces in January, 1937.

Silver quotations on the New York market (Handy and Harman) averaged 44.754 cents per ounce, in Canadian funds, during January; valued at this price the Canadian output during the month was worth \$703,109. The average price in December was 44.769 cents per ounce and the value of the month's production was \$611,560.

An increase of 27.3 per cent was recorded in the exports of silver bullion from Canada in January compared with the total for the previous month; the quantities were 1,379,872 ounces and 1,083,980 ounces, respectively. Exports of silver in ore, concentrates, etc., were higher also at 285,424 ounces as against the December total of 186,117 ounces.

Imports of silver bullion into Canada advanced to 539,049 ounces at \$230,888 from the December receipts of 63,794 ounces at \$26,626.

Production of silver in the United States during January declined to 5,222,000 ounces; in December, 5,693,000 ounces were produced. United States refinery stocks of silver on January 31st totalled 2,606,000 ounces; this represented an increase of 1,083,000 ounces during the month. Peru produced 1,500,000 ounces or 7.1 per cent above the December output. Refined silver production in Australia during January was 12.1 per cent lower at 766,000 ounces.

PRODUCTION OF SILVER IN CANADA

| Month | 1938(a) | 1937(a) | 1936 | |
|---|-----------|---|--|--|
| | Ounces | Ounces | Ounces | |
| January February March April May June July August September October November December TOTAL - CALENDAR YEAR | 1,571,052 | 1,390,476 1,322,833 1,658,546 1,488,350 1,352,580 2,379,448 2,767,983 3,129,097 2,357,798 1,933,964 1,615,990 1,366,034 | 1,217,111 1,240,733 1,469,442 1,467,925 1,422,856 1,667,607 1,811,959 1,567,358 1,352,420 1,593,017 1,676,751 1,847,308 | |

⁽a) Subject to revision.

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

| | UNREFINED | | REFINED | |
|---|-------------|--------|-------------|---------|
| | Troy ounces | £ | Troy ounces | £ |
| Union of South Africa | 3,767 | 135 | | |
| Southern Rhodesia | , | 800 | | |
| British India | | 27,941 | 596,130 | 47,576 |
| Hong Kong | , | | 1,605,426 | 126,710 |
| Australia | | | 1,839,541 | 159,137 |
| Canada | | | 41,018 | 3,290 |
| British West India Islands and Br. Guiana . | . 430 | 20 | 4 5 9 | |
| Germany | | | 872,792 | 74,551 |
| Belgium | 121,213 | 12,300 | 257,715 | 22,228 |
| France | | | 352,106 | 30,250 |
| Japan | | | 19,512 | 1,707 |
| Argentine Republic | | | 118,172 | 10,079 |
| Other Foreign countries | . 12,842 | 2,503 | | |
| TOTAL | . 497,237 | 43,703 | 5,702,412 | 475,528 |

LEAD - The Canadian output of lead in January rose to 37,522,125 pounds from the preceding month's total of 26,373,675 pounds and the January, 1937, production of 34,112,307 pounds.

Quotations for lead on the London market in January averaged 3.592 cents per pound, in Canadian funds; the December average price was 3.54 cents per pound. Based on these prices the Canadian production during January and December was worth \$1,347,795 and \$933,628, respectively.

Pig lead exports from Canada in January were recorded at 32,032,500 pounds; the December total was 23,617,400 pounds. Exports of lead in ore, concentrates, etc., amounted to 109,400 pounds as against 72,200 pounds in December.

The world production of refined lead in January declined 159,041 tons from the previous month's total of 165,566 tons. The United States produced 37,651 tons or 20.6 per cent less than in December. Despite this decrease in output, stocks in the United States increased 4,270 tons in January to 133,401 tons.

| | PRODUCTION | OF LEAD | IN CANADA |
|--|------------|---------|-----------|
|--|------------|---------|-----------|

| Month | 1938(a) | 1937(a) | 1936 |
|---|------------|--|--|
| | Pounds | Pounds | Pounds |
| January February March April May June July August September October November December | 37,522,125 | 34,112,307 28,504,743 35,207,467 35,154,985 34,183,050 33,276,801 31,321,744 40,590,985 40,875,577 40,769,961 33,824,605 26,373,673 | 28,105,650 27,149,114 31,294,840 33,670,727 32,047,660 28,523,448 32,324,511 33,987,026 29,128,356 28,260,126 38,316,019 40,373,432 |
| TOTAL - CALENDAR YEAR | | 414,195,898 | 383,180,909 |

(a) Subject to revision.

| IMPORTS OF LEAD(x) INTO GREAT | BRITAIN DURING | DECEMBER, 19 | 37, and JANUAR | Y, 1938. |
|-------------------------------|----------------|--------------|----------------|----------|
| | DECEMBER, | 1937 | JANUARY, | 1938 |
| From - | Pounds | £ | Pounds | £ |
| British India | 10,304,000 | 76,023 | 10,586,240 | 80,428 |
| Australia | 61,577,600 | 452,118 | 52,763,200 | 395,071 |
| Canada | 20,932,800 | 165,297 | 23,184,000 | 177,125 |
| United States | 2,576,000 | 19,163 | | |
| Mexico | 8,176,000 | 61,162 | 7,504,000 | 55,959 |
| Other Foreign countries | 376,320 | 2,762 | | |
| TOTAL | 103,942,720 | 776,525 | 94.037.440 | 708,583 |

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

ZINC - Zinc production in Canada during January amounted to 34,865,607 pounds; in the preceding month, 29,911,751 pounds were produced while in January, 1937, the output was 19,316,188 pounds.

The average price of zinc on the London market in January was 3.338 cents per pound, in Canadian funds; at this price the Canadian output during the month was worth 01,163,814. In December quotations averaged 3.404 cents per pound and the computed value of the month's output was 01,048,187.

Canada exported 30,095,900 pounds of zinc spelter in January as against 23,669,100 pounds in the preceding month. Exports of zinc in ore, concentrates, etc., rose to 1,252,800 pounds from the December total of 577,700 pounds.

According to the American Eureau of Metal Statistics the world output of zinc was 156,922 tons, or 2.6 per cent below the December output. The United States production was 6 per cent lower at 48,637 tons; shipments during the month totalled 24,931 tons, resulting in a stock increase of 23,756 tons to 88,532 tons on January 31st. Unfilled orders in the United States were reduced from 48,339 tons to 45,400 tons at the end of the month.

| PRODUCTION OF ZINC IN CANADA | | | | | |
|---|------------|---|---|--|--|
| Month | 1938(a) | 1937(a) | 1936 | | |
| | Pounds | Pounds | Pounds | | |
| January February March April May June July August September October November December TOTAL - CALENDAR YEAR | 34,865,607 | 19,316,188 19,896,396 31,116,491 32,502,061 30,992,408 35,165,425 36,298,712 38,344,676 30,284,709 36,400,544 30,596,302 29,911,751 370,825,663 | 27,415,869 20,701,884 26,316,915 23,731,010 29,663,548 30,022,201 34,794,466 33,544,390 31,169,138 31,724,468 22,779,772 21,319,075 333,182,736 | | |

(a) Subject to revision.

| IMPORTS OF ZINC(x) INTO GREAT BRITAIN | DURING DECEM | BER, 1937, | and JANUARY | , 1938. |
|--|---------------|----------------|-------------|---------|
| | DECEMBER, 1 | DECEMBER, 1937 | | 1938 |
| | Pounds | £ | Pounds | £ |
| From - | | | | |
| Northern Rhodesia | | | 638,400 | 5,583 |
| Australia | 3,225,600 | 25,054 | 2,576,000 | 18,953 |
| Canada | 15,414,720 | 136,140 | 18,368,000 | 150,788 |
| Other British countries | 573,440 | 4,917 | 112,000 | 982 |
| Belgium | 11,309,760 | 81,814 | 11,426,240 | 79,171 |
| United States | 224,000 | 1,536 | | |
| Other Foreign countries | 2,412,480 | 18,658 | 2,208,640 | 17,141 |
| TOTAL | 34,160,000 | 268,119 | 35,329,280 | 272,618 |
| (x) Unwrought zinc in ingots, blocks, ba | rs, slabs and | cakes. | | |

