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1949

Apr.

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Department of Trade and Commerce
Dominion Bureau of Statistics
Mining, Metallurgical and Chemical Section
Ottawa - Canada

Mr. F. T. ...
Mr. ...

D	istician:	Herbert Marshall
D	Industry and Merchandising Division:	W. H. Losee
Chief - Mining, Metallurgical and Chemical Section:		H. McLeod



Monthly Report

SILVER, LEAD AND ZINC PRODUCTION IN CANADA

APRIL - 1949

Silver - Output in Canada of primary silver in all forms amounted to 1,060,299 fine ounces in April, 1949 compared with 1,074,676 fine ounces in the previous month and with 1,089,755 fine ounces in April, 1948.

Table 1 - Production of Primary (x) Silver in Canada, 1947-1949

Month	1 9 4 7	1 9 4 8	1 9 4 9
	(fine ounces)		
January	833,473	958,225	975,434
February	973,183	1,035,568	936,439
March	1,137,858	1,099,369	1,074,676
April	924,469	1,089,755	1,060,299
Total - Four Months	3,868,983	4,182,917	4,046,848
May	1,010,138	1,072,712	
June	1,178,225	1,194,220	
July	1,116,915	1,782,460	
August	1,153,447	1,517,705	
September	1,003,552	1,230,140	
October	1,136,959	1,381,351	
November	1,035,684	1,117,512	
December	1,000,115	1,090,864	
Total	12,504,018	14,569,881	

(x) New silver bullion plus recoverable silver in other smelter products and in ores and concentrates exported.

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY
CHICAGO, ILLINOIS 60637
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REPORT OF THE
COMMISSION ON THE
STRUCTURE OF THE
ATOMIC NUCLEUS
AND THE
PROPERTIES OF
THE ELEMENTS

ELEMENT		PROPERTIES	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

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Table 2 - Exports from Canada of Refined Silver and Silver in Ores, 1948 and 1949

Month	1948		1949	
	Refined	In ores and concentrates	Refined	In ores and concentrates
(Fine ounces)				
January	523,748	104,070	324,068	136,767
February	385,443	102,283	473,137	112,328
March	760,562	187,332	952,852	122,168
April	624,846	225,328	516,413	139,022
Total - Four Months	2,294,599	619,013	2,266,470	510,285
May	239,931	335,501		
June	640,933	89,121		
July	477,286	433,094		
August	417,113		
September	452,638	682,887		
October	449,229	284,070		
November	364,914	323,846		
December	514,834	110,046		
Total	5,434,364	3,294,691		

Lead - Production of primary lead in all forms and the recoverable lead content of Canadian ores during April, 1949 amounted to 11,273 tons compared with 9,820 tons in the previous month and with 12,845 tons in April, 1948.

Output of refined lead, including amounts recovered from foreign ores which were treated in Canadian smelters, totalled 10,408 tons in April compared with 12,885 tons in the corresponding month of last year.

Table 3 - Production of Lead in Canada, 1948 and 1949

Month	Recoverable Lead (x) Canadian Ores		Refined Lead - All Sources	
	1948	1949	1948	1949
(Tons)				
January	11,067	10,796	10,845	10,189
February	12,966	10,627	10,645	11,306
March	12,477	9,820	13,409	10,110
April	12,845	11,273	12,885	10,408
Total - Four Months	49,355	42,516	47,784	42,013
May	12,745		13,081	
June	11,116		11,356	
July	14,311		9,314	
August	16,604		12,010	
September	15,067		15,900	
October	15,764		17,747	
November	15,746		16,275	
December	13,577		16,558	
Total	164,285		160,025	

(x) New base bullion from Canadian ores plus recoverable lead in ores or concentrates shipped for export.

Table 4 - Exports from Canada of Refined Lead and Lead in Ores, by Months, 1949

Month	Lead in Ore		Lead in Pigs	
	Tons	Value \$	Tons	Value \$
January	450	130,752	14,165	5,657,982
February	153	56,007	5,419	2,162,310
March	157	54,864	4,476	1,844,467
April	264	83,108	10,862	4,425,710
Total - Four Months	1,024	324,731	34,922	14,090,469

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores), during April, 1949 amounted to 17,184 tons compared with 23,434 tons in the previous month and with 18,544 tons in April, 1948.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 17,217 tons in April compared with 15,545 tons in the corresponding month of last year.

Table 5 - Production of Zinc in Canada, 1948 and 1949

Month	Recoverable Zinc (x) Canadian Ores		Refined Zinc - All Sources	
	1 9 4 8	1 9 4 9	1 9 4 8	1 9 4 9
	(Tons)			
January	17,166	21,948	14,449	18,236(✓)
February	17,527	20,013	14,425	16,017
March	18,598	23,434	14,824	18,858(✓)
April	18,544	17,184	15,545	17,217
Total - Four Months	71,835	82,579	59,243	70,328
May	20,482		15,670	
June	19,037		14,447	
July	21,784		17,490	
August	20,737		16,692	
September	19,984		16,311	
October	22,339		17,818	
November	21,190		17,983	
December	18,369		13,727	
Total	236,757		189,381	

(x) New refined zinc from Canadian ores plus recoverable zinc in ores and concentrates shipped for export.

(✓) Revised.

Table 6 - Exports from Canada of Refined Zinc and Zinc in Ore, by Months, 1949

Month	Zinc in Ore		Zinc Spelter	
	Tons	Value \$	Tons	Value \$
January	5,607	905,944	15,142	4,787,091
February	4,807	782,867	9,123	2,846,023
March	5,649	922,990	13,032	4,328,373
April	4,604	711,741	13,347	4,443,793
Total - Four Months	20,667	3,323,542	50,644	16,405,280

Table 7 - Consumption of Refined Lead and Refined Zinc in Canada, 1948 and 1949

Month	Refined Lead		Refined Zinc	
	1948	1949	1948	1949
	(Tons of 2,000 pounds)			
January	5,380	5,393	3,229	4,036
February	5,194	5,057	4,831	4,476
March	5,672	4,499	4,549	4,551
April	4,788	2,830	4,390	3,039
Total - Four Months	21,034	17,779	16,999	16,102
May	4,030		3,814	
June	4,179		3,202	
July	3,889		3,151	
August	5,024		3,773	
September	5,774		3,889	
October	5,244		3,682	
November	6,798		4,222	
December	6,042		3,835	
Total	62,014		46,567	

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