

DOMINION

26-008

v. 24

no. 2

Feb. 1954 WA - CANADA

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Published

Hon. C. D. Howe, Minister of Trade and Commerce



Memorandum

Vol. 24-No. 2

February, 1954

Price \$1.00 per year, 10¢ per copy.

SILVER, LEAD AND ZINC PRODUCTION

Silver - Output in Canada of primary silver in all forms amounted to 1,895,857 fine ounces in February, 1954, compared with 2,413,990 fine ounces in the previous month and with 2,255,113 fine ounces in February, 1953.

Table 1 - Production of Silver (*), 1952-1954

Month	1952	1953	1954
		(Fine ounces)	
January	1,803,848	2,459,531	2,413,990
February	2,022,126	2,255,113	1,895,857
Total - Two months	3,825,974	4,714,644	4,309,847
March	2,085,986	2,458,022	
April	2,521,864	3,076,852	
May	2,274,279	2,520,180	
June	1,907,137	2,538,663	
July	1,831,089	2,353,542	
August	2,214,798	2,029,346	
September	1,817,435	2,067,294	
October	1,857,118	2,097,630	
November	2,421,617	2,143,069	
December	2,464,930	2,244,413	
Total	25,222,227	28,243,655	

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

Prepared in the Mineral Statistics Section, Industry and Merchandising Division.

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Table 2 - Exports of Refined Silver and Silver in Ores, 1953 and 1954

Month	1953		1954	
	Refined	In ores and concentrates	Refined	In ores and concentrates
(Fine ounces)				
January	1,626,622	522,073	1,114,797	547,951
February	1,128,869	218,421	1,036,718	567,225
Total - Two months	2,755,491	770,494	2,151,515	1,115,176
March	569,061	263,650		
April	1,768,706	311,141		
May	1,611,725	419,569		
June	663,568	323,913		
July	1,554,752	614,320		
August	696,690	533,155		
September	1,462,654	527,771		
October	1,019,454	1,015,012		
November	1,412,687	463,667		
December	1,118,126	473,826		
Total	14,632,914	5,686,518		

Lead - Production of primary lead in all forms (the recoverable lead content of Canadian ores) during February, 1954, amounted to 16,814 tons compared with 17,684 tons in the previous month and with 16,888 tons in February, 1953.

Table 3 - Production of Lead, 1953 and 1954

Month	Recoverable lead (★) in Canadian ores		Refined lead, all sources	
	1953	1954	1953	1954
(Tons)				
January	19,502	17,684	15,327	13,085
February	16,888	16,814	14,232	(f)
Total - Two months	36,390	34,498	29,559	
March	14,183		15,112	
April	18,640		13,758	
May	16,120		16,343	
June	15,302		14,888	
July	11,969		9,660	
August	13,864		11,615	
September	14,335		12,382	
October	16,327		12,646	
November	19,416		14,876	
December	19,245		14,913	
Total	195,791		165,752	

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

(f) Not yet available for publication.

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Table 4 - Exports of Refined Lead and Lead in Ores, by Months, 1954

Month	Lead in ore		Lead in pigs	
	Tons	\$	Tons	\$
January	3,008	817,506	6,170	1,359,474
February	3,301	832,439	7,560	1,559,732
Total - Two months	6,309	1,649,945	13,730	2,919,206

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores) during February, 1954, amounted to 24,926 tons compared with 27,030 tons in the previous month and with 33,261 tons in February, 1953.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 15,199 tons in February, 1954, compared with 18,677 tons in the corresponding month of last year.

Table 5 - Production of Zinc, 1953 and 1954

Month	Recoverable zinc (★) in Canadian ores		Refined zinc, all sources	
	1953	1954	1953	1954
	(Tons)			
January	32,474	27,030	18,370	17,155
February	33,261	24,926	18,677	15,199
Total - Two months	65,735	51,956	37,047	32,354
March	36,726		20,693	
April	33,309		20,003	
May	33,266		20,090	
June	33,895		20,589	
July	33,968		21,595	
August	32,754		21,703	
September	33,509		21,157	
October	34,841		21,880	
November	30,639		21,051	
December	31,399		21,899	
Total	400,041		247,707	

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

Table 6 - Exports of Refined Zinc and Zinc in Ore, by Months, 1954

Month	Zinc in ore		Zinc in spelter	
	Tons	\$	Tons	\$
January	6,570	678,595	16,625	3,082,932
February	7,663	807,307	11,328	2,125,431
Total - Two months	14,233	1,485,902	27,953	5,208,363



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Table 7 - Consumption of Refined Zinc, 1953 and 1954

Month	Refined zinc	
	1953	1954 (*)
	(Tons)	
January	4,397	3,092
February	4,107	2,905
Total - Two months	8,504	5,997
March	4,814	
April	4,184	
May	4,124	
June	3,985	
July	3,722	
August	4,196	
September	4,604	
October	4,526	
November	4,198	
December	3,660	
Total	50,517	

(*) Producers' shipments to domestic consumers.