

26-008  
v. 20  
no. 4  
Apr. 1950  
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DOMINION BUREAU OF STATISTICS  
Industry and Merchandising Division  
OTTAWA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

MC12  
Vol. 20-No. 4

Price 15 cents

SILVER, LEAD AND ZINC PRODUCTION

APRIL -- 1950

Silver - Output in Canada of primary silver in all forms amounted to 1,453,993 fine ounces in April, 1950 compared with 1,767,822 fine ounces in the previous month and with 1,245,708 fine ounces in April, 1949.

Table 1 - Production of Primary (\*) Silver, 1948-1950

Month	1948	1949	1950
		(fine ounces)	
January .....	1,059,502	975,991	1,195,677
February .....	1,145,020	968,883	1,385,422
March .....	1,215,564	1,298,189	1,767,822
April .....	1,204,934	1,245,708	1,453,993
Total - Four months ...	4,625,020	4,488,771	5,802,914
May .....	1,186,090	1,498,990	
June .....	1,320,440	2,197,674	
July .....	1,970,853	1,735,403	
August .....	1,678,115	1,195,804	
September .....	1,360,157	1,144,165	
October .....	1,527,350	1,894,229	
November .....	1,235,792	1,503,658	
December .....	1,206,165	1,718,500	
Total .....	16,109,982	17,377,194	

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

Table 2 - Exports of Refined Silver and Silver in Ores, 1949 and 1950

Month	1949		1950	
	Refined	In ores and concentrates	Refined	In ores and concentrates
	(Fine ounces)			
January .....	324,068	136,767	517,300	240,928
February .....	473,137	112,328	123,915	101,113
March .....	952,852	122,168	1,004,443	111,054
April .....	516,413	139,022	401,557	116,914
Total - Four months ...	2,266,470	510,285	2,047,215	570,009
May .....	434,860	462,887		
June .....	625,825	107,466		
July .....	350,836	130,589		
August .....	256,719	587,834		
September .....	248,047	1,140,395		
October .....	307,092	52,553		
November .....	974,820	405,155		
December .....	747,243	657,450		
Total .....	6,211,912	4,054,614		

NOTE:- This report was prepared in the Mining, Metallurgical and Chemical Section.



Lead - Production of primary lead in all forms (the recoverable lead content of Canadian ores) during April, 1950 amounted to 10,554 tons compared with 13,080 tons in the previous month and with 11,273 tons in April, 1949.

Output of refined lead, including amounts recovered from foreign ores which were treated in Canadian smelters, totalled 13,246 tons in April compared with 10,372 tons in the corresponding month of last year.

Table 3 - Production of Lead, 1949 and 1950

Month	Recoverable lead (*) in Canadian ores		Refined lead, all sources	
	1 9 4 9	1 9 5 0	1 9 4 9	1 9 5 0
	(Tons)			
January .....	10,796	9,558	10,189	12,520
February .....	10,627	10,964	11,306	9,785
March .....	9,820	13,080	10,110	13,689
April .....	11,273	10,554	10,372	13,246
Total - Four months ...	42,516	44,156	41,977	49,240
May .....	17,940		12,836	
June .....	14,223		12,996	
July .....	11,055		7,022	
August .....	12,718		14,816	
September .....	12,817		14,580	
October .....	13,338		14,335	
November .....	13,529		14,208	
December .....	22,355		13,379	
Total .....	160,491		146,149	

(\*) New base bullion from Canadian ores plus recoverable lead in ores or concentrates shipped for export. Shipments of accumulated lead concentrates in December, 1949 account for high tonnage.

Table 4 - Exports of Refined Lead and Lead in Ores, by Months, 1950

Month	Lead in ore		Lead in pigs	
	Tons	\$	Tons	\$
January .....	631	154,615	4,588	1,155,609
February .....	287	77,778	7,241	1,834,839
March .....	211	62,160	5,612	1,423,455
April .....	189	55,216	4,861	1,175,385
Total - Four months ...	1,318	349,769	22,302	5,589,288

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores), during April, 1950 amounted to 23,388 tons compared with 25,021 tons in the previous month and with 17,295 tons in April, 1949.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 16,674 tons in April compared with 17,161 tons in the corresponding month of last year.





Table 5 - Production of Zinc, 1949 and 1950

Month	Recoverable zinc (*) in Canadian ores		Refined zinc, all sources	
	1949	1950	1949	1950
	(Tons)			
January .....	21,948	24,028	18,176	16,567
February .....	20,013	22,381	15,965	15,065
March .....	23,520	25,021	18,737	16,659
April .....	17,295	23,388	17,161	16,674
Total - Four months ...	82,776	94,818	70,039	64,965
May .....	24,840		18,292	
June .....	27,493		17,613	
July .....	28,584		16,640	
August .....	25,954		17,401	
September .....	22,897		16,149	
October .....	25,831		16,293	
November .....	24,935		16,144	
December .....	27,381		17,474	
Total .....	290,691		206,045	

(\*) 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, 1950

Month	Zinc in ore		Zinc spelter	
	Tons	\$	Tons	\$
January .....	5,032	632,088	7,725	1,662,120
February .....	4,999	624,553	13,573	3,002,833
March .....	6,727	871,166	12,612	2,775,229
April .....	6,763	742,449	10,313	2,305,601
Total - Four months ...	23,521	2,870,256	44,223	9,745,783

Table 7 - Consumption of Refined Lead and Refined Zinc, 1949 and 1950

Month	Refined lead		Refined zinc	
	1949	1950	1949	1950
	(Tons of 2,000 pounds)			
January .....	5,393	3,070	4,036	4,312
February .....	5,057	3,377	4,475	4,987
March .....	4,499	4,171	4,551	4,199
April .....	2,794	3,802	3,039	3,645
Total - Four months ...	17,743	14,420	16,101	17,143
May .....	3,966		3,609	
June .....	4,327		3,486	
July .....	3,311		2,918	
August .....	5,557		3,646	
September .....	5,404		4,019	
October .....	4,864		3,726	
November .....	4,542		3,923	
December .....	3,282		4,241	
Total .....	52,996		45,669	



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