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SILVER, LEAD AND ZINC PRODUCTION

MAY -- 1950

Silver - Output in Canada of primary silver in all forms amounted to 1,751,343 fine ounces in May, 1950 compared with 1,453,993 fine ounces in the previous month and with 1,498,990 fine ounces in May, 1949.

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

Month	1 9 4 8	1 9 4 9	1 9 5 0
	(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
May	1,186,090	1,498,990	1,751,343
Total - Five Months	5,867,883	5,987,761	7,554,257
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	1 9 4 9		1 9 5 0	
	Refined	In ores and concentrates	Refined	In ores and concentrates
	(Fine ounces)			
January	324,068	136,767	517,300	240,928
February	473,157	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
May	434,860	462,887	434,899	248,411
Total - Five Months	2,701,330	973,172	2,482,114	818,420
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.



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No.		Date		Particulars		Amount	
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Lead - Production of primary lead in all forms (the recoverable lead content of Canadian ores) during May, 1950 amounted to 13,571 tons compared with 10,554 tons in the previous month and with 17,940 tons in May, 1949.

Output of refined lead, including amounts recovered from foreign ores which were treated in Canadian smelters, totalled 14,331 tons in May compared with 12,836 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
May	17,940	13,571	12,836	14,331
Total - Five Months	60,456	57,727	54,813	63,571
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
May	215	65,140	10,826	2,697,038
Total - Five Months	1,533	414,909	33,128	8,286,326

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores), during May, 1950 amounted to 30,694 tons compared with 23,388 tons in the previous month and with 24,840 tons in May, 1949.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 17,561 tons in May compared with 18,292 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	
	1 9 4 9	1 9 5 0	1 9 4 9	1 9 5 0
	(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
May	24,840	30,694	18,292	17,561
Total - Five Months ...	107,616	125,512	88,331	82,526
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	290,631		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
May	6,199	579,077	15,203	3,477,843
Total - Five Months	29,720	3,449,333	59,426	13,223,626

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

Month	Refined lead		Refined zinc	
	1 9 4 9	1 9 5 0	1 9 4 9	1 9 5 0
	(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
May	3,966	(x)	3,609	(x)
Total - Five Months	21,709	(x)	19,710	(x)
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	

(x) Not yet available.



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