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SILVER, LEAD AND ZINC PRODUCTION

Price 15 cents

OCTOBER - 1950

Silver - Output in Canada of primary silver in all forms amounted to 2,398,490 fine ounces in October, 1950 compared with 2,164,097 fine ounces in the previous month and with 1,923,039 fine ounces in October, 1949.

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

Month	1948	1949	1950
		(Fine ounces)	
January .....	1,059,502	990,835	1,195,677
February .....	1,145,020	983,619	1,385,422
March .....	1,215,564	1,317,934	1,767,822
April .....	1,204,934	1,264,655	1,453,993
May .....	1,186,090	1,521,789	1,751,343
June .....	1,320,440	2,231,099	1,968,455
July .....	1,970,853	1,761,798	2,285,716
August .....	1,678,115	1,213,992	2,282,318
September .....	1,360,157	1,161,567	2,164,097
October .....	1,527,350	1,923,039	2,398,490
Total - Ten Months .....	13,668,025	14,370,327	18,653,333
November .....	1,235,792	1,526,528	
December .....	1,206,165	1,744,638	
Total .....	16,109,982	17,641,493	

(★) 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	112,323	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
June .....	625,825	107,466	1,062,792	526,379
July .....	350,836	130,589	1,224,154	148,092
August .....	256,719	587,834	661,691	344,558
September .....	248,047	1,140,395	31,654	938,922
October .....	307,092	52,553	286,499	243,090
Total - Ten Months .....	4,489,849	2,992,009	5,748,904	3,019,461
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 October, 1950 amounted to 18,672 tons compared with 15,390 tons in the previous month and with 13,278 tons in October, 1949.

Output of refined lead, including amounts recovered from foreign ores which were treated in Canadian smelters, totalled 17,356 tons in October compared with 14,335 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	
	1949	1950	1949	1950
	(tons)			
January .....	10,748	9,558	10,189	12,520
February .....	10,579	10,964	11,306	9,785
March .....	9,776	13,080	10,110	13,689
April .....	11,223	10,554	10,372	13,246
May .....	17,861	13,571	12,836	14,331
June .....	14,160	14,568	12,996	14,893
July .....	11,005	16,844	7,022	6,618
August .....	12,661	14,476	14,816	16,169
September .....	12,760	15,390	14,580	16,146
October .....	13,278	18,672	14,335	17,356
Total - Ten Months .....	124,051	137,677	118,562	134,753
November .....	13,469		14,208	
December .....	22,255		13,379	
Total .....	159,775		146,149	

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

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
June .....	5,781	1,396,260	8,925	2,282,733
July .....	253	58,039	5,956	1,426,968
August .....	130	29,348	14,295	3,476,623
September .....	274	68,811	12,349	3,425,543
October .....	5,843	1,837,323	13,923	4,441,750
Total - Ten Months .....	13,814	3,804,690	88,576	23,339,943

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores), during October, 1950 amounted to 26,594 tons compared with 29,072 tons in the previous month and with 25,615 tons in October, 1949.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 17,434 tons in October compared with 16,293 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 .....	21,764	24,028	18,176	16,567
February .....	19,846	22,381	15,965	15,065
March .....	23,324	25,021	18,737	16,659
April .....	17,151	23,388	17,161	16,896 (x)
May .....	24,632	30,694	18,292	17,561
June .....	27,263	26,670	17,613	17,071
July .....	28,345	25,920	16,640	17,499
August .....	25,737	25,814	17,401	17,486
September .....	22,706	29,072 (x)	16,149	17,138 (x)
October .....	25,615	26,594	16,293	17,434
Total - Ten Months .....	236,383	259,582	172,427	169,376
November .....	24,727		16,144	
December .....	27,152		17,474	
Total .....	288,262		206,045	

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

(x) Revised.

Table 6 - Exports of Refined Zinc and Zinc in Ore, by Months, 1950

Month	Zinc in ore		Zinc in 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
June .....	19,129	2,134,490	14,919	3,844,492
July .....	18,071	2,628,244	11,292	3,183,831
August .....	11,078	1,521,115	13,999	4,459,092
September .....	16,476	2,307,534	11,659	3,611,550
October .....	8,197	1,050,842	12,076	4,107,588
Total - Ten Months .....	102,671	13,091,558	123,371	32,430,179

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

Month	Refined Lead		Refined Zinc	
	1949	1950	1949	1950
	(Tons)			
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	5,232	3,609	3,971
June .....	4,327	4,704	3,486	3,730
July .....	3,311	4,568	2,918	4,119
August .....	5,557	5,678	3,646	4,157
September .....	5,404	5,500	4,019	5,175
October .....	4,864	5,524	3,726	5,755
Total - Ten Months .....	45,172	45,626	37,505	44,050
November .....	4,542		3,923	
December .....	3,282		4,241	
Total .....	52,996		45,669	



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