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SILVER, LEAD AND ZINC PRODUCTION

SEPTEMBER* - 1950

Silver - Output in Canada of primary silver in all forms amounted to 2,164,077 fine ounces in September, 1950 compared with 2,282,318 fine ounces in the previous month and with 1,161,567 fine ounces in September, 1949.

Table 1 - Production of Silver (A), 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	(x) 2,282,318
September	1,360,157	1,161,567	2,164,097
Total - Nine Months	12,140,675	12,447,288	16,254,843
October	1,527,350	1,923,039	
November	1,235,792	1,526,528	
December	1,206,165	1,744,638	
Total	16,109,382	17,641,493	

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

(x) Revised.

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	122,328	123,915	101,113
March	352,852	112,168	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
Total - Nine Months	4,182,757	2,939,456	5,462,405	2,776,371
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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Silver-Lead-Zinc

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Lead - Production of primary lead in all forms (the recoverable lead content of Canadian ores) during September, 1950 amounted to 15,390 tons compared with 14,476 tons in the previous month and with 12,760 tons in September, 1949.

Output of refined lead, including amounts recovered from foreign ores which were treated in Canadian smelters, totalled 16,146 tons in September compared with 14,580 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(x)	14,816	16,169
September	12,760	15,390	14,580	16,146
Total - Nine Months	110,773	119,005	104,227	117,397
October	13,278		14,335	
November	13,469		14,208	
December	22,255		13,579	
Total	159,775		146,149	

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

(x) Revised.

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
Total - Nine Months	7,971	1,967,367	74,653	18,898,193

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores), during September, 1950 amounted to 28,743 tons compared with 25,814 tons in the previous month and with 22,706 tons in September, 1949.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 16,810 tons in September compared with 16,149 tons in the corresponding month of last year.

Table 5 - Production of Zinc, 1949 and 1950

Month	Recoverable zinc (x) 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	16,674
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(x)	17,401	17,486
September	22,706	28,743	16,149	16,810
Total - Nine Months ...	210,768	232,659	156,134	151,392
October	25,615		16,293	
November	24,727		16,144	
December	27,152		17,474	
Total	288,262		206,045	

(x) 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
Total - Nine Months ...	94,474	12,040,716	111,295	28,322,591

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
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
Total - Nine Months ...	40,308	40,102	33,779	38,295
October	4,864		3,726	
November	4,542		3,923	
December	3,282		4,241	
Total	52,996		45,669	



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