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Memorandum

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SILVER, LEAD AND ZINC PRODUCTION

Silver - Output in Canada of primary silver in all forms amounted to 2,537,984 fine ounces in December, 1957, compared with 2,566,519 fine ounces in the previous month and with 2,445,707 fine ounces in December, 1956.

Table 1 - Production of Silver (*), 1955-1957

Month	1955	1956	1957
		(Fine ounces)	
January	2,232,386	2,333,452	2,158,631(x)
February	2,010,506	2,045,349	2,031,679
March	2,413,591	2,344,585	2,346,316
April	2,324,287	2,061,509	2,225,638
May	2,255,620	2,511,200	2,111,185(x)
June	2,382,980	2,540,081	2,208,584(x)
July	2,347,380	2,313,488	2,383,390(x)
August	2,470,607	2,362,803	2,592,468(x)
September	2,416,829	2,571,756	2,382,121(x)
October	2,472,990	2,436,998	2,817,358(x)
November	2,213,991	2,464,919	2,566,519(x)
December	2,443,037	2,445,707	2,537,984
Total	27,984,204	28,431,847	28,361,873

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

(x) Revised.

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Research Department

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

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Table 2 - Exports of Refined Silver and Silver in Ores, 1956 and 1957

Month	1956 Refined	1956 In ores and concentrates	1957 Refined	1957 In ores and concentrates
	(Fine ounces)			
January	1,367,774	435,047	1,070,285	253,940
February	1,337,225	196,803	1,039,491	380,463
March	979,046	328,857	1,192,826	521,849
April	1,399,048	348,838	1,247,029	431,646
May	995,007	447,710	1,254,526	523,228
June	1,067,147	495,742	972,946	468,559
July	989,548	686,209	575,951	844,545
August	1,444,655	1,080,301	820,975	811,530
September	1,238,345	481,042	289,019	861,857
October	1,268,805	731,099	1,548,258	432,000
November	1,015,629	669,285	1,370,196	263,273
December	1,239,524	1,023,481	1,418,488	186,569
Total	14,341,753	6,924,414	12,799,990	5,979,459

Lead - Production of primary lead in all forms (the recoverable lead content of Canadian ores) during December, 1957, amounted to 15,296 tons compared with 15,879 tons in the previous month and with 15,956 tons in December, 1956.

Table 3 - Production of Lead, 1956 and 1957

Month	Recoverable lead (*) in Canadian ores 1956	Recoverable lead (*) in Canadian ores 1957	Refined lead, all sources 1956	Refined lead, all sources 1957
	(Tons)			
January	16,227	14,032	12,179	10,117
February	14,553	15,170	11,469	11,192
March	17,067	16,940	12,438	12,727
April	11,931	14,275	11,554	12,436
May	15,673	14,591	11,990	13,172
June	17,062	16,431	11,591	12,406
July	16,073	14,377	12,374	12,098
August	16,468	14,679(x)	12,196	12,568
September	16,008	15,869(x)	12,706	11,288
October	16,901	14,151(x)	13,923	10,302
November	14,935	15,879(x)	12,914	12,125
December	15,956	15,296	12,531	...
Total	188,854	181,690	147,865	

(*) 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, 1957

Month	Lead in ore		Lead in pigs	
	Tons	$	Tons	$
January	3,194	851,233	8,946	2,275,637
February	1,773	470,805	6,633	1,710,429
March	2,220	566,149	7,044	1,808,867
April	1,559	469,456	7,314	1,848,316
May	1,395	347,143	9,676	2,267,930
June	8,662	2,022,926	7,210	1,502,664
July	8,570	1,888,910	4,682	1,029,824
August	2,595	547,287	6,416	1,314,981
September	7,731	1,778,889	8,467	1,664,168
October	3,017	688,738	7,761	1,477,996
November	1,489	396,909	6,175	1,243,056
December	2,445	594,972	4,217	718,455
Total	44,650	10,623,417	84,541	18,862,323

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores) during December, 1957, amounted to 38,357 tons compared with 36,114 tons in the previous month and with 33,045 tons in December, 1956.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 21,828 tons in December, 1957, compared with 21,975 tons in the corresponding month of last year.

Table 5 - Production of Zinc, 1956 and 1957

Month	Recoverable zinc (*) in Canadian ores		Refined zinc, all sources	
	1956	1957	1956	1957
	(Tons)			
January	37,670	31,420(x)	21,696	20,340
February	35,547	29,896(x)	20,356	19,808
March	36,752	34,081(x)	22,010	21,941
April	35,295	33,306	21,339	20,504
May	35,387	34,046	21,790	20,564
June	36,087	32,950(x)	20,780	19,928
July	37,329	33,039	21,691	20,061
August	35,430	35,019(x)	21,354	20,305
September	32,858	34,004(x)	20,691	20,247
October	35,615	37,296(x)	21,412	20,892
November	31,618	36,114(x)	20,470	20,933(x)
December	33,045	38,357	21,975	21,828
Total	422,633	409,528	255,564	247,351

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

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Table 6 - Exports of Refined Zinc and Zinc in Ore, by Months, 1957

Month	Zinc in ore		Zinc in spelter	
	Tons	$	Tons	$
January	13,884	1,792,127	19,304	5,130,241
February	10,612	1,394,011	16,618	4,251,619
March	10,555	1,544,509	14,923	3,826,582
April	12,749	1,655,822	17,131	4,311,736
May	13,377	1,705,587	16,680	3,962,746
June	11,797	1,556,547	16,157	3,272,374
July	16,347	1,570,846	12,912	2,463,460
August	26,633	1,927,673	20,520	3,829,650
September	15,055	1,795,716	17,671	3,255,755
October	13,234	1,601,959	16,735	3,172,904
November	28,288	2,323,391	17,225	3,146,339
December	14,610	1,921,888	16,131	2,857,734
Total	187,141	20,790,076	202,007	43,481,140

Table 7 - Consumption of Refined Zinc, 1956 and 1957 (*)

Month	Refined zinc	
	1956	1957
	(Tons)	
January	6,404	4,173
February	4,433	4,070
March	4,657	3,690
April	4,929	4,718
May	3,991	4,166
June	4,286	4,173
July	3,458	2,496
August	6,449	5,144
September	5,021	4,712
October	6,338	5,495
November	6,560	4,243
December	2,654	3,640
Total	59,180	50,720

(*) Producers' shipments to domestic consumers.