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SILVER, LEAD AND ZINC PRODUCTION

Silver - Output in Canada of primary silver in all forms amounted to 3,483,-228 fine ounces in December, 1960, compared with 3,086,228 fine ounces in the previous month and with 2,334,137 fine ounces in December, 1959.

Table 1 - Production of Silver (x), 1958 - 1960

Month	1958	1959	1960
		(Fine Ounces)	
January	2,530,583	3,094,440	2,755,069
February	2,305,655	2,264,903	2,864,074
March	2,459,698	2,782,307	2,739,583
April	2,574,958	2,691,503	2,588,829
May	2,656,665	2,499,149	2,354,657
June	2,536,018	2,676,937	2,971,473
July	2,390,087	2,867,957	2,919,664
August	2,889,154	2,519,033	2,650,110
September	2,841,304	2,446,846	2,468,268
October	2,375,156	3,072,219	2,878,221
November	2,649,515	2,334,137	3,086,228
December	2,954,077	2,674,538	3,483,278
Total	31,163,470	31,923,969	33,759,454

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

Industry and Merchandising Division

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Silver-Lead-Zinc

Table 2 - Exports of Refined Silver and Silver in Ores, 1959 and 1960

Month	1959		1960	
	Refined	In ores and concentrates	Refined	In ores and concentrates
(Fine Ounces)				
January	1,600,217	185,367	1,008,632	887,242
February	1,044,603	329,742	932,155	1,312,006
March	1,415,922	425,973	980,394	740,465
April	1,252,800	989,593	1,665,919	809,500
May	1,483,478	564,017	859,810	491,805
June	1,137,864	871,570	1,079,584	545,610
July	1,450,557	728,598	1,253,088	752,373
August	550,929	688,042	416,225	911,124
September	1,199,366	763,017	1,175,578	445,091
October	998,817	767,939	1,018,192	659,646
November	1,009,312	70,205	919,015	371,213
December	1,996,965	430,802	1,452,471	971,327
Total	15,140,830	6,814,865	12,761,063	8,897,402

Lead - Production of primary lead in all forms (the recoverable lead content of Canadian ores) during December, 1960, amounted to 20,204 tons compared with 17,192 tons in the previous month and with 14,530 tons in December, 1959.

Table 3 - Production of Lead, 1959 and 1960

Month	Recoverable lead (x) in Canadian ores		Refined lead, all sources	
	1959	1960	1959	1960
(Tons)				
January	17,581	16,284	14,073	11,664
February	16,386	16,397	12,740	12,459
March	17,852	16,887	13,704	13,967
April	16,700	16,269	13,655	13,261
May	17,276	16,558	13,257	13,467
June	15,431	17,534	12,997	13,017
July	15,574	18,039	8,096	11,494
August	14,567	16,801 ^r	7,357	13,218
September	12,883	16,759	9,775	12,797
October	14,421	15,983	9,897	12,863
November	13,495	17,192	9,674	13,702
December	14,530	20,204	10,071	..
Total	186,696	204,907	135,296	

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

(..) Not available.

(r) Revised.

Silver-Lead-Zinc

Table 4 - Exports of Refined Lead and Lead in Ores, by Months, 1960

Month	Lead in ore		Lead in pigs	
	Tons	\$	Tons	\$
January	8,356	1,583,434	5,549	889,160
February	5,686	952,897	6,692	1,102,375
March	3,387	556,179	11,216	1,740,570
April	2,480	499,346	5,407	875,586
May	2,708	462,941	6,979	1,186,935
June	1,599	279,406	9,521	1,680,519
July	3,505	754,591	7,955	1,411,759
August	9,979	1,709,261	9,080	1,561,135
September	1,485	223,938	1,802	290,910
October	9,582	1,548,162	14,387	2,358,507
November	723	146,499	10,063	1,685,609
December	1,846	370,085	7,798	1,175,029
Total	51,336	9,086,739	96,449	15,958,094

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores) during December, 1960, amounted to 31,307 tons compared with 34,845 tons in the previous month and with 32,809 tons in December, 1959.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 22,521 tons in December, 1960, compared with 21,927 tons in the corresponding month of last year.

Table 5 - Production of Zinc, 1959 and 1960

Month	Recoverable zinc (x) in Canadian ores		Refined zinc, all sources	
	1959	1960	1959	1960
	(Tons)			
January	35,313	34,980	21,456	22,247
February	29,780	32,309	19,709	21,055
March	34,083	36,399	22,135	22,549
April	33,077	35,291	21,512	21,391
May	33,592	33,362	21,147	21,701
June	32,971	33,674 ^r	21,250	21,294
July	34,620	31,711	21,055	20,860
August	33,685	33,126	21,588	21,203
September	32,090	34,997	20,744	21,633
October	33,323	37,607	21,744	22,628 ^r
November	30,665	34,845	21,039	21,886
December	32,809	31,307	21,927	22,521
Total	396,008	409,608	255,306	260,968

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

(r) Revised.



Table 6 - Exports of Refined Zinc and Zinc in Ores, by Months, 1960

Month	Zinc in ore		Zinc in spelter	
	Tons	\$	Tons	\$
January	18,445	2,129,831	14,874	3,202,516
February	12,955	1,306,000	18,106	4,095,676
March	14,055	1,450,123	16,888	3,712,954
April	13,344	1,266,789	10,281	2,223,274
May	12,460	1,257,505	13,440	2,970,293
June	10,113	924,738	22,408	5,096,162
July	18,540	1,801,772	11,433	2,591,302
August	23,076	2,237,910	15,730	3,621,263
September	10,122	965,991	14,310	3,380,115
October	18,382	1,616,452	29,677	6,587,452
November	12,538	1,178,553	15,930	3,647,309
December	5,863	516,877	24,014	5,226,309
Total	169,893	16,652,541	207,091	46,354,625

Table 7 - Consumption of Refined Zinc, 1959 and 1960 (x)

Month	Refined Zinc	
	1959	1960
	(Tons)	
January	5,345	5,867
February	5,756	5,371
March	5,991	4,714
April	4,720	5,477
May	6,106	4,551
June	5,836	4,494
July	4,541	2,959
August	6,367	4,236
September	6,446	4,328
October	6,169	4,001
November	4,354	5,311
December	4,367	2,148
Total	65,998	53,457

(x) Producers' shipments to domestic consumers.