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# D.B.S. MEMORANDUM

ion Bureau of Statistics, Ottawa, Canada

Vol. 21- No. 4

Price \$1.00 per year

## SILVER, LEAD AND ZINC PRODUCTION

APRIL - 1951

Silver - Output in Canada of primary silver in all forms amounted to 1,467,793 fine ounces in April, 1951, compared with 1,754,661 fine ounces in the previous month and with 1,453,993 fine ounces in April, 1950.

Table 1 - Production of Silver (\*), 1949-1951

Month	1949	1950	1951
		(fine ounces)	
January .....	990,835	1,195,677	2,014,940
February .....	983,619	1,385,422	1,588,617
March .....	1,317,934	1,767,822	1,754,661
April .....	1,264,655	1,453,993	1,467,793
Total - Four months .	4,557,043	5,802,914	6,826,011
May .....	1,521,789	1,751,343	
June .....	2,231,099	1,968,455	
July .....	1,761,798	2,285,722	
August .....	1,213,992	2,282,318	
September .....	1,161,567	2,164,097	
October .....	1,923,039	2,398,490	
November .....	1,526,528	1,853,700	
December .....	1,744,638	1,879,417	
Total .....	17,641,493	22,386,456	

(\*) 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, 1950 and 1951

Month	1950		1951	
	Refined	In ores and concentrates	Refined	In ores and concentrates
	(fine ounces)			
January .....	517,300	240,928	1,124,723	273,038
February .....	123,915	101,113	1,174,994	141,259
March .....	1,004,443	111,054	1,988,018	154,447
April .....	401,557	116,914	783,711	180,153
Total - Four months .	2,047,215	570,009	5,071,446	748,897
May .....	434,899	248,411		
June .....	1,062,792	526,379		
July .....	1,224,154	148,092		
August .....	661,691	344,558		
September .....	31,654	938,922		
October .....	286,499	243,090		
November .....	1,611,515	269,280		
December .....	994,764	205,366		
Total .....	8,355,183	3,494,107		

Lead - Production of primary lead in all forms (the recoverable lead content of Canadian ores) during April, 1951 amounted to 10,063 tons, compared with 12,632 tons in the previous month and with 10,554 tons in April, 1950.

Output of refined lead, including amounts recovered from foreign ores which were treated in Canadian smelters, totalled 14,152 tons in April compared with 13,246 tons in the corresponding month of last year.

Table 3 - Production of Lead, 1950 and 1951

Month	Recoverable lead (*) in Canadian ores		Refined lead, all sources	
	1950	1951	1950	1951
	(tons)			
January .....	9,558	16,099	12,520	15,133
February .....	10,964	12,000	9,785	13,677
March .....	13,080	12,632	13,689	14,938
April .....	10,554	10,063	13,246	14,152
Total - Four months .	44,156	50,794	49,240	57,900
May .....	13,571		14,331	
June .....	14,568		14,893	
July .....	16,844		6,618	
August .....	14,476		16,169	
September .....	15,390		16,146	
October .....	18,672		17,356	
November .....	17,349		17,419	
December .....	11,740		18,192	
Total .....	166,766		170,364	

(\*) 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, 1951

Month	Lead in ore		Lead in pigs	
	Tons	\$	Tons	\$
January .....	1,773	489,132	10,081	3,411,859
February .....	424	126,034	6,527	2,218,744
March .....	410	118,386	10,873	3,628,297
April .....	421	122,862	8,537	2,912,386
Total - Four months .	3,028	856,414	36,018	12,171,286

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores), during April, 1951 amounted to 25,619 tons, compared with 25,997 tons in the previous month and with 23,610 tons in April, 1950.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 17,484 tons in April, 1951 compared with 16,896 tons in the corresponding month of last year.



Table 5 - Production of Zinc, 1950 and 1951

Month	Recoverable zinc (*) in Canadian ores		Refined zinc, all sources	
	1950	1951	1950	1951
	(tons)			
January .....	24,028	25,708	16,567	18,244
February .....	22,381	25,219	15,065	16,710
March .....	25,021	25,997	16,659	18,138
April .....	23,610	25,619	16,896	17,484
Total - Four months .	95,040	102,543	65,187	70,576
May .....	30,694		17,561	
June .....	26,670		17,071	
July .....	25,920		17,499	
August .....	25,814		17,486	
September .....	29,072		17,138	
October .....	26,594		17,434	
November .....	25,880		17,377	
December .....	27,123		18,206	
Total .....	312,807		204,959	

(\*) 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, 1951

Month	Zinc in ore		Zinc in spelter	
	Tons	\$	Tons	\$
January .....	14,989	2,523,559	13,277	4,682,518
February .....	5,985	767,150	4,602	1,629,243
March .....	7,205	885,279	12,185	4,344,931
April .....	7,730	943,260	14,014	3,876,594
Total - Four months .	35,909	5,119,248	44,078	14,533,286

Table 7 - Consumption of Refined Lead and Refined Zinc, 1950 and 1951

Month	Refined lead		Refined zinc	
	1950	1951	1950	1951
	(tons)			
January .....	3,070	5,080	4,312	5,186
February .....	3,430	5,096	4,987	5,017
March .....	4,225	5,083	4,199	5,320
April .....	3,851	6,080	3,645	5,650
Total - Four months .	14,576	21,339	17,143	21,173
May .....	5,456		3,971	
June .....	5,060		3,730	
July .....	4,051		4,218	
August .....	5,820		4,157	
September .....	5,675		5,175	
October .....	5,972		5,755	
November .....	6,384		5,558	
December .....	4,320		4,663	
Total .....	57,314		54,370	

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