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D.B.S. MEMORANDUM

Union Bureau of Statistics, Ottawa, Canada

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Vol. 21-No. 9

Price \$1.00 per year

SILVER, LEAD AND ZINC PRODUCTION

SEPTEMBER - 1951

Silver - Output in Canada of primary silver in all forms amounted to 1,895,507 fine ounces in September, 1951, compared with 2,006,137 fine ounces in the previous month and with 2,207,141 fine ounces in September, 1950.

Table 1 - Production of Silver (★), 1949-1951

Month	1949	1950	1951
	(Fine ounces)		
January	990,835	1,246,954	2,014,940
February	983,619	1,446,720	1,588,617
March	1,317,934	1,848,367	1,754,661
April	1,264,655	1,528,373	1,467,793
May	1,521,789	1,831,087	1,854,319
June	2,231,099	2,055,615	2,404,612
July	1,761,798	2,351,147	1,793,690
August	1,213,992	2,314,948	2,006,137
September	1,161,567	2,207,141	1,895,507
Total - Nine Months ...	12,447,288	16,830,352	16,780,276
October	1,923,039	2,495,308	
November	1,526,528	1,959,799	
December	1,744,638	1,935,972	
Total	17,641,493	23,221,431	

(★) 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
May	434,899	248,411	1,304,024	169,894
June	1,062,792	526,379	1,215,635	161,352
July	1,224,154	148,092	1,301,435	216,961
August	661,691	344,558	1,592,387	184,560
September	31,654	938,922	1,295,522	242,576
Total - Nine Months	5,462,405	2,776,371	11,780,449	1,121,240
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 September, 1951 amounted to 11,899 tons, compared with 13,797 tons in the previous month and with 15,292 tons in September, 1950.

Output of refined lead, including amounts recovered from foreign ores which were treated in Canadian smelters, totalled 14,016 tons in September, compared with 16,146 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	9,497	16,099	12,520	15,133
February	10,893	12,000	9,785	13,677
March	12,996	12,632	13,689	14,938
April	10,487	10,063	13,246	14,152
May	13,484	11,126	14,331	14,429
June	14,474	13,811	14,893	14,101
July	16,736	11,017	6,618	6,454
August	14,383	13,797	16,169	14,844
September	15,292	11,899	16,146	14,016
Total - Nine Months ...	118,242	112,444	117,397	121,744
October	18,552		17,356	
November	17,238		17,419	
December	11,665		18,192	
Total	165,697		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
May	230	60,654	14,813	5,091,999
June	387	113,404	5,756	2,056,986
July	3,472	1,175,085	5,795	2,211,657
August	3,313	1,119,044	4,894	1,947,264
September	3,458	1,295,084	6,944	2,557,538
Total - Nine Months ...	13,888	4,619,685	74,220	26,036,730

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores), during September, 1951 amounted to 27,427 tons, compared with 30,157 tons in the previous month and with 29,111 tons in September, 1950.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 17,956 tons in September, 1951 compared with 17,138 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	24,060	25,708	15,567	18,244
February	22,411	25,219	15,065	16,710
March	25,055	25,997	16,659	18,138
April	23,642	25,619	16,896	17,484
May	30,735	25,857	17,561	18,116
June	26,706	27,084	17,071	18,222
July	25,954	27,713	17,499	18,232
August	25,849	30,157	17,486	18,352
September	29,111	27,427	17,138	17,956
Total - Nine Months	233,523	240,781	151,942	161,454
October	26,630		17,434	
November	25,915		17,377	
December	27,159		18,206	
Total	313,227		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	11,014	3,876,594
May	8,537	1,004,184	13,776	5,021,467
June	13,319	2,085,198	14,337	5,317,042
July	22,634	4,072,978	13,597	5,301,460
August	13,642	2,293,650	11,669	4,417,507
September	22,980	3,496,457	10,435	3,902,336
Total - Nine Months	117,021	18,071,715	104,892	38,493,098

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
May	5,456	5,396	3,971	6,063
June	5,060	5,057	3,730	5,218
July	4,051	3,434	4,218	4,803
August	5,820	5,272	4,157	5,049
September	5,675	5,009	5,175	5,041
Total - Nine Months	40,638	45,507	38,394	47,347
October	5,972		5,755	
November	6,384		5,558	
December	4,320		4,663	
Total	57,314		54,370	

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