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SILVER, LEAD AND ZINC PRODUCTION

Silver - Output in Canada of primary silver in all forms amounted to 2,501,047 fine ounces in December, 1961, compared with 2,643,231 fine ounces in the previous month and with 3,512,654 fine ounces in December, 1960.

TABLE 1. Production of Silver, (1), 1959 - 1961

Month	1959	1960	1961r
	fine ounces		
January .....	3,094,440	2,800,069	2,484,522
February .....	2,264,903	2,879,074	2,498,859
March .....	2,782,307	2,754,583	2,855,221
April .....	2,691,503	2,603,829	2,397,981
May .....	2,499,149	2,369,657	2,445,151
June .....	2,676,937	2,996,473	2,877,300
July .....	2,867,957	2,944,664	2,393,725
August .....	2,519,033	2,675,109	2,223,605
September .....	2,446,846	2,494,268	2,372,725
October .....	3,072,219	2,904,221	3,053,734
November .....	2,334,137	3,082,228	2,643,231
December .....	2,674,538	3,512,654	2,501,047
Totals .....	31,923,969	34,016,829	30,747,101

1 New silver bullion plus recoverable silver in other smelter products and in ores and concentrates exported.

r Revised

Industry and Merchandising Division

6514-508-121



TABLE 2. Exports of Refined Silver and Silver in Ores, 1960 and 1961

Month	1960		1961	
	Refined	In ores and concentrates	Refined	In ores and concentrates
	fine ounces			
January .....	1,008,632	887,242	480,445	1,243,251
February .....	932,155	1,312,006	829,047	1,192,991
March .....	980,394	740,465	1,362,261	754,867
April .....	1,665,919	809,500	1,132,106	641,649
May .....	859,810	491,805	543,822	419,976
June .....	1,079,584	545,610	1,487,993	1,110,062
July .....	1,253,088	752,373	588,772	746,262
August .....	416,225	911,124	1,226,906	898,033
September .....	1,175,578	445,091	917,303	707,159
October .....	1,018,192	659,646	454,650	770,270
November .....	919,015	371,213	..	..
December .....	1,452,471	971,327	..	..
Totals .....	12,761,063	8,897,402		

.. not available.

TABLE 3. Production of Lead, 1960 and 1961

Month	Mine Output (ores or concentrates, lead content)		Smelter Production plus Exported Ores(1)		Refined Production (primary) (2)	
	1960	1961	1960	1961	1960	1961
	tons					
January .....	..	13,539	16,284	20,672	11,664	15,649
February .....	..	13,198	16,397	19,054	12,459	14,449
March .....	..	17,707	16,887	18,951	13,967	16,450
April .....	..	16,744	16,269	16,419	13,261	15,736
May .....	..	21,295	16,558	14,812	13,467	15,978
June .....	..	16,068	17,534	20,119	13,017	15,742
July .....	..	16,153	18,039	18,656r	11,494	12,446
August .....	..	18,510	16,801	19,584	13,218	13,902
September .....	..	13,631	16,909	19,078r	12,797	13,445
October .....	..	11,082	16,247	19,796	12,863	13,113
November .....	..	12,811	17,332	17,491	13,702	12,825
December .....	..	11,819	20,393	17,740	16,601	..
Totals .....	212,229	182,557	205,650	222,372	158,510	

(1) Lead content of new base bullion produced from domestic primary materials (concentrates, slags, residues, etc.) plus estimated recoverable lead in ores and concentrates shipped for export.

(2) Refined pig lead plus lead content of antimonial lead produced from domestic and foreign ores.

(..) not available.

r revised.

TABLE 4. Exports of Refined Lead and Lead in Ores, by months, 1961

Month	Lead in ores, concentrates		Lead in pigs, blocks (1) and shot	
	tons	\$	tons	\$
January .....	11,007	1,297,948	9,203	1,303,441
February .....	3,160	489,693	9,033	1,321,414
March .....	3,490	449,625	9,087	1,358,387
April .....	3,076	423,312	8,462	1,275,987
May .....	2,986	389,922	6,760	1,040,340
June .....	8,006	1,034,287	11,130	1,681,618
July .....	4,858	620,341	6,838	1,034,334
August .....	8,430	1,098,906	6,049	1,035,915
September .....	7,472	964,691	8,043	1,261,330
October .....	8,591	1,062,531	17,457	2,854,974
Total ten months .....	61,076	7,831,256	92,062	14,167,740

(1) Excludes antimonial lead and type metal.

Note: November and December not available.

TABLE 5 - Production of Zinc, 1960 and 1961

Month	Mine Output (ores or concentrates, plus Exported Ores(1) zinc content)		Refinery Production		Refined Production (primary) (2)	
	1960	1961	1960	1961	1960	1961
	tons					
January .....	..	36,036	34,980	32,724	22,247	22,848
February .....	..	31,324	32,309	27,586	21,055	21,073
March .....	..	35,155	36,399	30,282	22,549	23,190
April .....	..	36,966	35,291	28,559	21,391	22,166
May .....	..	39,628	33,362	31,651	21,701	22,543
June .....	..	36,605	33,674	33,103	21,294	22,168
July .....	..	35,016	31,711	33,881	20,860	22,147
August .....	..	39,506	33,126	35,932r	21,203	22,046
September .....	..	36,703	35,097	38,926	21,633	21,659
October .....	..	37,088	35,507	38,114	22,628	22,665
November .....	..	39,445r	33,110	34,700	21,886	22,211
December .....	..	39,627	32,307	35,730	22,521	23,290
Totals .....	430,049	443,099	406,873	401,188	260,968	268,006

(1) New refined zinc produced from domestic primary materials (concentrates, slags, residues, etc.) plus estimated recoverable zinc in ores and concentrates shipped for export.

(2) Refined zinc produced from domestic and foreign ores.

(..) not available.

r revised



TABLE 6. Exports of Refined Zinc and Zinc in Ores, by Months, 1961

Month	Zinc in ores, concentrates		Zinc in slabs & bars	
	tons	\$	tons	\$
January .....	25,598	2,087,361	15,608	3,175,223
February .....	7,017	560,219	13,116	2,620,836
March .....	8,253	709,663	23,091	4,813,900
April .....	9,879	773,922	11,502	2,384,070
May .....	12,652	1,016,205	11,557	2,439,412
June .....	17,049	1,407,298	24,582	4,964,911
July .....	22,799	1,963,272	18,516	3,670,810
August .....	17,626	1,456,141	17,818	3,520,152
September .....	20,147	1,665,920	20,630	4,192,940
October .....	21,294	1,781,906	20,371	4,132,811
Total ten months .....	162,314	13,421,907	176,791	35,915,065

Note: November and December not available.

TABLE 7. Consumption (1) of Refined Zinc, 1960 and 1961

Month	Refined zinc	
	1960	1961
	tons	
January .....	5,867	3,669
February .....	5,371	4,579
March .....	4,714	5,062
April .....	5,477	5,590
May .....	4,551	5,637
June .....	4,494	5,941
July .....	2,959	4,950
August .....	4,236	6,039
September .....	4,328	5,348
October .....	4,001	6,006
November .....	5,311	5,723
December .....	2,148	4,783
Total .....	53,457	63,327

1 Producers' shipments to domestic consumers.