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MONTHLY

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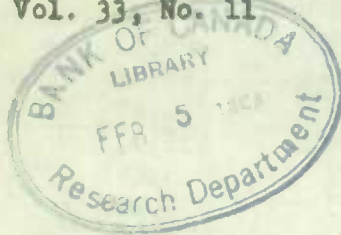
## DOMINION BUREAU OF STATISTICS

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SILVER, LEAD AND ZINC PRODUCTION

November 1963

Silver - Output in Canada of primary silver in all forms amounted to 2,886,673 fine ounces in November 1963, compared with 2,706,980 fine ounces in the previous month and with 2,600,833 fine ounces in November 1962.

TABLE 1. Production of Silver(1), 1961-63

Month	1961	1962	1963
	fine ounces		
January .....	2,597,485	2,551,394	2,289,478
February .....	2,605,595	2,065,971	2,232,734
March .....	2,972,546	2,532,930	2,574,882
April .....	2,516,521	2,272,855	2,392,732
May .....	2,570,788	2,217,612	2,672,495
June .....	2,893,800	2,683,932	2,408,273 <sup>r</sup>
July .....	2,410,226	2,848,662	2,216,299
August .....	2,240,105	2,408,070	2,907,672
September .....	2,389,225	3,036,669	2,284,911
October .....	3,070,234	2,737,110	2,706,980 <sup>r</sup>
November .....	2,659,863	2,600,833	2,886,673
Total eleven months .....	28,926,388	27,956,038	27,573,129
December .....	2,455,589	2,712,990	
Totals .....	31,381,977	30,669,028	

(1) New silver bullion plus recoverable silver in other smelter products and in ores and concentrates exported.  
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January 1964  
6514-508

Industry Division

TABLE 2. Exports of Refined Silver and Silver in Ores, 1962 and 1963

Month	1962		1963	
	Refined	In ores and concentrates	Refined	In ores and concentrates
fine ounces				
January .....	4,608	821,439	1,435,532	1,320,572
February .....	850,216	508,514	671,425	428,148
March .....	1,287,889	434,030	1,437,549	466,502
April .....	905,831	549,514	475,277	671,395
May .....	63,139	648,443	1,099,802	431,833
June .....	1,342,373	779,085	655,527	534,271
July .....	220,785	828,484	927,703	1,009,128
August .....	1,244,190	817,435	568,593	677,253
September .....	1,617,177	525,050	572,419	940,192
October .....	83,363	744,142	1,530,724	544,929
November .....	903,343	958,070	956,857	406,928
Total eleven months ....	8,522,914	7,614,206	10,331,408	7,431,151
December .....	922,180	1,187,126		
Totals .....	9,445,094	8,801,332		

TABLE 3. Production of Lead, 1962 and 1963

Month	Mine output (ores or concentrates lead content)		Smelter production plus exported ores (1)		Refined production (primary) (2)	
	1962	1963	1962	1963	1962	1963
	tons					
January .....	16,788	17,826	18,482	15,919	13,092	15,740
February .....	13,676	16,150	16,077	15,225	12,566	12,991
March .....	15,235	17,067	16,913	17,980	14,013	13,367
April .....	14,722	15,675	17,561	17,583	12,199	13,533
May .....	19,560	17,580	18,328	18,410	13,663	14,929
June .....	18,499	15,535	19,966	17,525	11,638	13,391
July .....	17,737	15,620	19,534	15,095	13,834	7,907
August .....	18,874	15,059	17,000	19,002	13,664	13,476
September .....	17,576	15,372	14,420	15,525	8,646	12,772
October .....	18,455	18,259	20,248	17,835	14,323	13,635
November .....	20,577	17,774	15,138	18,038	13,491	..
Total eleven months ....	191,699	181,917	193,667	188,137	141,129	..
December .....	19,622		17,603		11,088	
Totals .....	211,321		211,270		152,217	

(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.

.. Figures not available.



TABLE 4. Exports of Refined Lead and Lead in Ores, by Months, 1963

Month	Lead in ores, concentrates		Lead in pigs, blocks (1) and shot	
	tons	\$	tons	\$
January.....	10,432	1,213,220	6,923	1,012,577
February .....	1,704	249,163	7,587	1,115,850
March .....	2,018	298,637	8,240	1,108,843
April .....	2,348	315,662	7,289	1,158,514
May .....	2,492	343,037	9,608	1,364,034
June .....	5,002	671,505	8,678	1,316,819
July .....	11,368	1,567,578	9,475	1,514,747
August .....	3,994	494,693	6,238	1,034,981
September .....	7,121	999,744	8,289	1,379,092
October .....	2,342	297,135	6,597	1,229,807
November .....	2,628	406,471	10,538	1,863,865
Total eleven months ....	51,449	6,856,845	89,462	14,099,129

(1) Excludes antimonial lead and type metal.

TABLE 5. Production of Zinc, 1962 and 1963

Month	Mine output (ores or concentrates zinc content)		Refinery production plus exported ores (1)		Refined production (primary) (2)	
	1962	1963	1962	1963	1962	1963
	tons					
January .....	40,914	40,857	38,096	36,263	22,943	23,999
February .....	36,731	42,392	32,223	33,758	21,881	21,673
March .....	42,633	42,770	35,759	37,771	23,853	25,013
April .....	41,530	37,590	37,483	36,843	23,676	24,368
May .....	44,945	40,684	41,305	40,756	24,689	24,575
June .....	40,872	40,764	41,217	40,638	24,048	22,703
July .....	41,244	40,251	40,781	44,745	23,504	22,885
August .....	44,482	41,855	45,693	35,485	23,867	21,887
September .....	41,266	38,707	38,719	38,940	23,405	21,186
October .....	42,304	39,257	43,236	39,465 <sup>r</sup>	23,943	22,321
November .....	44,792	38,377	33,946	39,490	21,629	22,199
Total eleven months ...	461,713	443,504	428,458	424,154	257,438	252,809
December .....	40,224		34,163		22,720	
Totals .....	501,937		462,621		280,158	

(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.

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TABLE 6. Exports of Refined Zinc and Zinc in Ores, by Months, 1963

Month	Zinc in ores, concentrates		Zinc in slabs and bars	
	tons	\$	tons	\$
January .....	20,889	1,662,782	16,966	3,299,627
February .....	12,364	1,042,641	11,523	2,381,844
March .....	11,682	918,643	19,855	3,905,780
April .....	10,178	832,297	17,701	3,541,269
May .....	13,198	1,016,141	17,193	3,684,503
June .....	16,024	1,283,111	14,139	2,904,144
July .....	25,961	2,219,046	12,876	2,692,060
August .....	15,388	1,213,755	20,669	4,218,107
September .....	23,583	2,159,187	19,567	4,109,765
October .....	12,687	1,100,049	13,509	2,925,498
November .....	31,902	2,980,697	15,787	3,482,571
Total eleven months .....	193,856	16,428,349	179,785	37,145,168

TABLE 7. Consumption(1) of Refined Zinc, 1962 and 1963

Month	Refined Zinc	
	1962	1963
	tons	
January .....	5,063	5,348
February .....	5,647	5,552
March .....	7,093	5,542
April .....	3,504	8,353
May .....	8,686	7,044
June .....	5,890	6,635
July .....	5,371	7,391
August .....	5,951	6,633
September .....	5,540	5,192
October .....	7,342	8,108
November .....	5,707	7,726
Total eleven months .....	65,794	73,524
December .....	5,021	
Total .....	70,815	

(1) Producers' shipments to domestic consumers.