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MONTHLY

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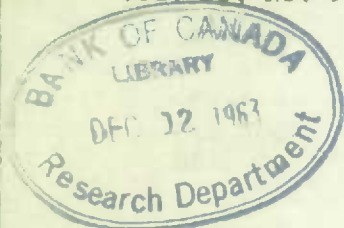
DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by the Authority of the Minister of Trade and Commerce

Vol. 33, No. 9

Price: 10 cents, \$1.00 a year

SILVER, LEAD AND ZINC PRODUCTION

SEPTEMBER 1963

Silver - Output in Canada of primary silver in all forms amounted to 2,284,911 fine ounces in September 1963, compared with 2,907,672 fine ounces in the previous month and with 3,036,669 fine ounces in September 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	2,389,175 ^r
July	2,410,226	2,848,662	2,216,299
August	2,240,105	2,408,070	2,907,672 ^r
September	2,389,225	3,036,669	2,284,911
Total nine months	23,196,291	22,618,095	21,960,378
October	3,070,234	2,737,110	
November	2,659,863	2,600,833	
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.

^r Revised.

December 1963

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
Total nine months ...	7,536,208	5,911,994	7,843,827	6,479,294
October	83,363	744,142		
November	903,343	958,070		
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	13,387
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	..
Total nine months ...	152,667	145,884	158,281	152,264	113,315	..
October	18,455		20,248		14,323	
November	20,577		15,138		13,491	
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
Total nine months ...	46,479	6,153,239	72,327	11,005,457

(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 ^r	45,693	35,485	23,867	21,887
September	41,266	38,707	38,719	38,940	23,405	21,186
Total nine months ...	374,617	365,870	251,276	345,199	211,866	208,289
October	42,304		43,236		23,943	
November	44,792		33,946		21,629	
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.

^r Revised figures.



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
Total nine months ...	149,267	12,347,603	150,489	30,737,099

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
Total nine months	52,745	57,690
October	7,342	
November	5,707	
December	5,021	
Total	70,815	

(1) Producers' shipments to domestic consumers.