

46-D-22

Historical File Copy

C-1

Published by Authority of Hon. H. A. Stevens, M.P.,  
Minister of Trade and Commerce

Annual Bulletin

9-21-31

725 copies

DOMINION BUREAU OF STATISTICS - CANADA  
 Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.) M.R.S.C.  
 Mining, Metallurgical and Chemical Branch  
 Chief: W. H. Losee, B.Sc.

ARSENIC, 1930.

Arsenic production from Canadian ores in 1930 amounted to 4,524,220 pounds valued at \$129,527 as against 5,230,088 pounds with a valuation of \$171,320 in 1929, according to finally revised statistics just issued by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics at Ottawa.

Minerals containing arsenic are rather widespread in Canada. Nova Scotia has in the past produced arsenic bearing concentrates as a by-product in the milling of auriferous quartz ores, however, at the present time the Canadian production comes chiefly from the treatment of the cobalt-silver ores of Ontario; in British Columbia a considerable quantity of arsenical concentrates is exported by the Hedley Gold Mining Company for treatment in a Tacoma smelter.

In Canada the Deloro Smelting and Refining Company, Deloro, Ontario, produces white arsenic in the reduction of the cobalt-silver-arsenide ores of Northern Ontario.

Arsenic is utilized for various purposes; as an insecticide it is one of the principal constituents of Paris green, lead arsenate, and calcium arsenate; it is also employed as sodium arsenite for weed killing. Other uses include its adoption in the manufacture of certain glasses, cattle and sheep dips, paints, tanning supplies, wood preservatives and pharmaceutical preparations.

PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF ARSENIC, 1929 and 1930.

	1 9 2 9		1 9 3 0	
	Pounds	Value \$	Pounds	Value \$
<u>PRODUCTION</u>				
Ontario.....	3,742,913	154,887	2,750,887	109,932
British Columbia.....	1,487,175	16,433	1,773,333	19,595
TOTAL.....	5,230,088	171,320	4,524,220	129,527
<u>IMPORTS</u>				
White arsenic.....	123,224	5,341	12,160	749
Sulphide of arsenic.....	18,295	1,865	25,113	2,208
Arsenate of soda.....	1,456	156	2,968	350
Arsenate of lead.....	846,017	98,179	1,069,383	112,769
Arsenate of lime.....	446,835	23,598	655,619	36,211
TOTAL.....	...	129,139	...	172,160
<u>EXPORTS</u>				
Arsenic, n.o.p.....	3,167,300	123,398	2,335,600	86,825

STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010657155

55-10-41