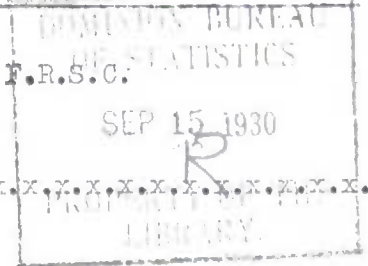


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DOMINION BUREAU OF STATISTICS - CANADA
Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.
Mining, Metallurgical and Chemical Branch
Chief: W. H. Losee, B.Sc.



ARSENIC, 1929.

Arsenic production from Canadian ores in 1929 amounted to 5,230,088 pounds worth \$171,320 as against 5,432,225 pounds valued at \$193,052 in 1928, according to finally revised statistics just issued by the mining, metallurgical and chemical branch of the Dominion Bureau of Statistics.

Ontario mines yield the larger part of Canada's arsenic output. Silver-cobalt ores are smelted at Deloro, Ontario, and from these white arsenic and arsenic-bearing speiss residues are obtained.

In British Columbia the ores of the Nickel Plate mine at Hedley furnish all of the arsenic reported for that province. Arsenic-bearing concentrates from this mine are shipped to the smelter at Tacoma, Washington, for treatment.

In Canada arsenic is used in the manufacture of paris green, lead arsenate, lime arsenate, sheep dips, and other insecticides. Other uses are found in the manufacture of glass and to a small extent in medicinal and pharmaceutical preparations. Most of the market is found in the export trade; United States uses large quantities as a means of fighting the boll-weevil which is so destructive of the cotton crop.

PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF ARSENIC, 1928 and 1929.

	1 9 2 8		1 9 2 9	
	Pounds	Value	Pounds	Value
		\$		\$
<u>PRODUCTION</u>				
Ontario.....	4,097,226	178,149	3,742,913	154,887
British Columbia.....	1,334,997	14,903	1,487,175	16,433
TOTAL.....	5,432,225	193,052	5,230,088	171,320
<u>IMPORTS</u>				
White arsenic.....	333,113	13,976	123,224	5,341
Sulphide of arsenic.....	94,380	5,566	18,295	1,865
Arsenate of soda.....	360	83	1,456	156
Arsenate of lead.....	274,785	30,803	846,017	98,179
TOTAL.....	...	50,428	...	105,541
<u>EXPORTS</u>				
Arsenic, n.o.p.....	3,194,900	122,106	3,167,300	123,398

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