

DOMINION BUREAU OF STATISTICS - CANADA

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COBALT, 1927.

Finally revised statistics on Canada's cobalt production show the output of this metal in 1927 at 880,590 pounds valued at \$1,764,534 as against 664,778 pounds valued at \$1,136,014 in 1926, according to a bulletin just issued by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics at Ottawa.

This production figure includes the cobalt content of the various cobalt products sold by the Deloro Smelting and Refining Company, Limited, which company treats the greater portion of the silver-cobalt ores of Ontario, and the cobalt content of the ores and residues exported for treatment in foreign smelters; the value given is the net amount received by the shippers.

Canada produces about 55 per cent of the world's supply of cobalt; the remainder is produced by the Union Miniere du Haut Katanga in the Belgian Congo where this metal occurs in association with copper.

Cobalt is sold in the form of oxide for use as a pigment in the manufacture of earthenware, porcelain and enamelware; the addition of cobalt oxide produces the well-known "cobalt blue" color. It is used in other forms as a drier in paints and varnishes.

Cobalt metal is chiefly used in the manufacture of stellite, a cobalt-chromium-tungsten alloy used in making cutting tools for high speed lathe work. Cobalt is also an important ingredient of certain stainless steels used for cutlery and surgical instruments.

PRODUCTION IN CANADA AND EXPORTS OF COBALT, 1926 and 1927.

	1	9	2	6		1	9	2	7
	Pounds		\$ .			Pounds		\$	
<u>PRODUCTION</u> ( in terms of metallic cobalt, in metal, oxides, and salts sold and in ores and residues exported).....	664,778	1,136,014	880,590	1,764,534					
<u>EXPORTS:</u> cobalt alloys, metallic cobalt, cobalt oxide, cobalt salts, and cobalt ore.....	...	1,064,276	...	1,678,468					

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