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DOMINION BUREAU OF STATISTICS - CANADA
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SALT, 1930.

Salt production in Canada during 1930 amounted to 271,695 tons, according to finally revised statistics just issued by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics at Ottawa. This is a decrease of 17.7 per cent from the 1929 output. The value of the 1930 production at \$1,694,631 was, however, greater as compared ^{with} the previous year's valuation of \$1,578,086. Shipments in 1930, exclusive of the salt content of brine used in the manufacture of chemicals, averaged \$10.05 per ton as against \$8.70 per ton in 1929. Price advances contributing to this increase were especially reflected in the sales value of table, dairy, common fine, and common coarse salts.

Canadian exports of salt in 1930 amounted to 8,758 tons as compared ^{with} 9,359 tons in 1929. Imports of salt were 128,385 tons valued at \$660,903, or a decrease of 27.2 per cent in quantity and 29.4 per cent in value from the previous year.

Capital employed in the salt industry by 8 firms operating in 1930 totalled \$4,685,549. Employment was furnished 52 salaried employees and 329 wage-earners; their combined earnings were \$455,539. The cost of fuel and electricity used during the year was \$197,313; this total included 44,926 tons of bituminous coal valued at \$183,246.

In 1930 Canada's first synthetic ammonia plant was established at Sandwich, Ontario, by the Canadian Industries Ltd. Hydrogen is obtained from electrolytic cells operating to produce chlorine and caustic soda from salt. Atmospheric nitrogen is then combined with the hydrogen by catalytic action to form ammonia. At the Brunner Mond plant in Amherstburg saturated brine solutions pumped from wells are utilized in the making of soda ash by the Solvay process.

The salt production in Nova Scotia comes from the Malagash deposit in Cumberland county.^(x) It is estimated that this mine contains 60,000,000 tons of developed salt reserves sufficiently pure to sell directly after mining and crushing. There is also an additional 300,000,000 tons of slightly lower grade. An interesting feature of this deposit is the presence of potassium salts which may ultimately prove

(x) Nova Scotia Developments in Industrial Fuels and Minerals by J. P. Messervey in "Canadian Chemistry and Metallurgy" May, 1930, page 150.

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of economic importance. Canadian salt industries produce a wide variety of high grade products suitable for almost every domestic and industrial requirement.

PRODUCTION OF SALT IN CANADA, BY GRADES, 1930.

Grade	Manu- factured Tons	Sold Tons	Value of salt sold (not in- cluding packages) \$
Table and dairy.....	49,050	49,467	863,396
Common fine.....	54,212	55,373	302,526
Common coarse.....	44,655	44,149	326,326
Land salt.....	281	281	1,414
Other grades.....	7,557	7,688	80,025
Brine for chemical works (salt equivalent sold or used).....	114,737	114,737	115,944
TOTAL.....	270,472	271,695	1,694,631
Value of packages.....	499,740
GRAND TOTAL.....	270,472	271,695	2,194,371

IMPORTS INTO CANADA AND EXPORTS OF SALT, 1930.

	Tons	Value \$
<u>IMPORTS</u>		
Salt, for use of the sea or gulf fisheries.....	56,133	195,760
Salt, in bulk, n.o.p.....	40,910	169,948
Salt, n.o.p., in bags, barrels, and other coverings.....	31,273	275,448
Salt, table, made by an admixture of other ingredients, when containing not less than 90 per cent pure salt.....	69	21,747
TOTAL.....	128,385	660,903
EXPORTS.....	8,752	74,397

PRINCIPAL STATISTICS OF THE SALT INDUSTRY IN CANADA, 1929 and 1930.

	1929	1930
Number of firms.....	8	8
Capital employed.....	\$ 4,576,543	4,685,549
Number of employees:- On salary.....	53	52
On wages.....	371	329
Total.....	424	381
Salaries and wages:- Salaries.....	\$ 102,502	107,637
Wages.....	\$ 413,951	347,902
Total.....	\$ 516,453	455,539
Cost of fuel and electricity.....	\$ 249,664	197,313
Selling value of products.....	\$ 2,121,108	2,194,371

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