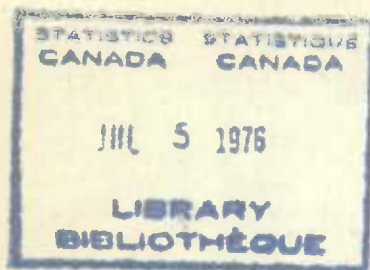


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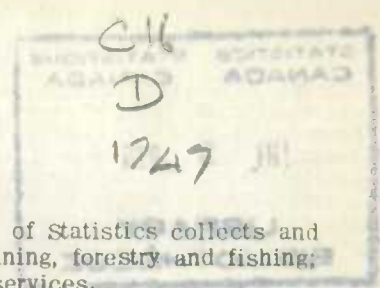
THE COAL TAR DISTILLATION INDUSTRY, 1949

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NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beveragee
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Products
- XIII Transportation Equipment
- XIV Non-ferrous Metal Products
- XV Electrical Apparatus and Supplies
- XVI Non-metallic Mineral Products
- XVII Products of Petroleum and Coal
- XVIII Chemicals and Allied Products

The present report belongs in Group XVIII. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A General Review
- B The Acids, Alkalies and Salts Industry
- C The Fertilizers Industry
- D The Fertilizer Trade in Canada
- E The Medicinal and Pharmaceutical Preparations Industry
- F The Paints, Varnishes and Lacquers Industry
- G The Primary Plastics Industry
- H The Soaps, Washing Compounds and Cleaning Preparations Industry
- I The Toilet Preparations Industry
- J The Vegetable Oil Industry
- K The Inks Industry
- L The Adhesives Industry
- M The Polishes and Dressings Industry
- N The Compressed Gases Industry
- O The Coal Tar Distillation Industry
- P The Miscellaneous Chemical Products Industry

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THE COAL TAR DISTILLATION INDUSTRY, 1949

Output from the coal tar distillation industry in Canada in 1949 was valued at \$9,332,787 or 15 per cent more than in 1948. Production of creosote oils totalled 12,556,889 gallons at \$2,998,378 in 1949; refined tars amounted to 3,542,989 gallons at \$538,458 and pitch totalled 92,291 tons at \$2,489,125. Phenol, cresols, xylenols, phthalic anhydride, tarred felts, coal tar paints, pitch coke, tar and asphalt cements, disinfectants, and asphalt saturants were other principal products.

Eleven plants operated in 1949, there being 1 in Nova Scotia, 2 in Quebec, 5 in Ontario, 2 in Manitoba and 1 in British Columbia. An average of 415 persons was employed and their salaries and wages amounted to \$1,166,863.

Materials for manufacturing in 1949 cost \$4,786,640 in 1946, including 31,849,203 gallons of crude tars at \$3,962,798. In addition, an amount of \$549,310 was paid for fuel and electricity.

TABLE 1. Principal Statistics of the Coal Tar Distillation Industry, 1945-1949

Year	Number of distilleries	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1945.....	10	381	727,102	341,929	3,356,468	5,616,313
1946.....	11	410	740,619	341,482	3,116,167	5,509,727
1947.....	11	399	790,727	389,999	3,854,508	6,344,088
1948.....	11	380	881,907	542,630	5,076,131	8,077,247
1949.....	11	415	1,166,863	549,310	4,786,640	9,332,787

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Products of the Coal Tar Distillation Industry, 1948 and 1949

Product		1948		1949	
		Quantity	Selling value at works	Quantity	Selling value at works
			\$		\$
Refined tar.....	Imp. gal.	2,443,658	416,869	3,542,989	538,458
Pitch.....	tons	87,614	2,511,114	92,291	2,489,125
Creosote oils.....	Imp. gal.	11,044,351	2,678,993	12,556,889	2,998,378
All other products ¹	—	—	2,470,271	—	3,306,826
Total	—	—	8,077,247	—	9,332,787

1. Includes coal tar paints, cements and disinfectants; asphalt cements, asphalt saturant, pitch coke, naphthalene, phenol, cresol, orthocresol, metaparacresol, cresylic acid, phthalic anhydride, etc.

TABLE 3. Materials Used in the Coal Tar Distillation Industry, 1948 and 1949

Material		1948		1949	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Crude tar.....	Imp. gal.	32,975,053	4,305,437	31,849,203	3,962,798
All other materials.....	—	—	770,694	—	823,842
Total	—	—	5,076,131	—	4,786,640

CHEMICALS AND ALLIED PRODUCTS

TABLE 4. Production of Creosote Oils, Pitch and Refined Tars, 1940-1949

Year	Creosote and other oils	Pitch	Refined tar, tarvia, etc.
1940.....	10,612,945	45,724	7,790,790
1941.....	11,894,870	85,113	6,766,459
1942.....	14,964,134	91,717	5,334,077
1943.....	10,321,918	107,430	3,458,842
1944.....	10,737,128	81,596	9,574,824
1945.....	10,244,257	68,144	10,477,777
1946.....	10,234,997	85,018	5,234,788
1947.....	9,622,811	77,367	3,557,356
1948.....	11,044,351	87,614	2,443,658
1949.....	12,556,889	92,291	3,542,989

TABLE 5. Crude Tar Used in Tar Distilleries, 1940-1949

Year	Imp. gal.	Year	Imp. gal.
1940.....	30,697,498	1945.....	38,034,109
1941.....	37,636,915	1946.....	34,889,946
1942.....	37,978,500	1947.....	32,174,985
1943.....	40,307,935	1948.....	32,975,053
1944.....	38,241,476	1949.....	31,849,203

TABLE 6. Imports and Exports of Coal Tar, Pitch, Etc., 1948 and 1949

Item		1948		1949	
		Quantity	Value	Quantity	Value
			\$		\$
(a) IMPORTS					
Coal tar, crude.....	Imp. gal.	1,963,165	313,057	652,029	111,638
Coal pitch.....	lb.	66,520,700	814,990	45,246,400	616,744
Carbolic or heavy oil.....	Imp. gal.	4,194,935	914,046	1,953,225	412,758
(b) EXPORTS					
Coal tar and pitch.....	Imp. gal.	67,081	19,650	3,416	1,328
Creosote oil.....	Imp. gal.	540	407	—	—
Coal tar oils, other.....	Imp. gal.	3,948,796	901,772	4,169,318	1,049,701

TABLE 7. Employees, Salaries and Wages in the Coal Tar Distillation Industry, 1948 and 1949

Year	Number of Employees					Salaries	Wages	Total salaries and wages
	On salaries		On wages		Total			
	Male	Female	Male	Female				
1948.....	57	26	295	2	380	\$ 233,272	\$ 648,635	\$ 881,907
1949.....	74	28	313	—	415	\$ 303,946	\$ 662,917	\$ 1,166,863

List of Firms in the Coal Tar Distillation Industry, 1949

Name	Head Office Address	Location of Plants
Dominion Tar & Chemical Company Limited.....	2240 Sun Life Building, Montreal, Quebec.....	Sydney, Nova Scotia Ville LaSalle, Quebec Sault Ste. Marie, Ontario Toronto, Ontario St. Boniface, Manitoba
The Barratt Company Limited.....	551 St. Hubert Street, Montreal, Quebec.....	Montreal, Quebec Toronto, Ontario Winnipeg, Manitoba Vancouver, British Columbia
Currie Products Limited.....	87 Sheaffe Street, Hamilton, Ontario.....	
Northern Tar & Chemical Company Limited.....	2nd Avenue, Port Arthur, Ontario.....	

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