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**THE COAL TAR DISTILLATION INDUSTRY**  
1950

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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 Beverages
- 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, Chemicals and Allied Products. 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, 25¢.
- B The Acids, Alkalies and Salts Industry, 25¢.
- C The Fertilizer Manufacturing Industry, 25¢.
- D The Fertilizer Trade in Canada, 30¢.
- E The Medicinal and Pharmaceutical Preparations Industry, 25¢.
- F The Paints, Varnishes and Lacquers Industry, 25¢.
- G The Primary Plastics Industry, 25¢.
- H The Soaps, Washing Compounds and Cleaning Preparations Industry, 25¢.
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- L The Adhesives Industry, 25¢.
- M The Polishes and Dressings Industry, 25¢.
- N The Compressed Gases Industry, 25¢.
- O The Coal Tar Distillation Industry, 25¢.
- P The Miscellaneous Chemical Products Industry, 25¢.

# THE COAL TAR DISTILLATION INDUSTRY

## 1950

Output from the coal tar distillation industry in Canada in 1950 was valued at \$10,033,238 or 8 per cent more than in 1949. Production of creosote oils totalled 11,728,014 gallons at \$2,616,347 in 1950; refined tars amounted to 4,324,803 gallons at \$661,048 and pitch totalled 113,510 tons at \$3,437,514. Phenol, cresols, xylenols, phthalic anhydride, coal tar paints, pitch coke, tar and asphalt cements, disinfectants, and asphalt saturants were other principal products.

Eleven plants operated in 1950, there being 1 in Nova Scotia, 2 in Quebec, 5 in Ontario, 2 in Manitoba and 1 in British Columbia. These works afforded employment to 457 people who were paid \$1,274,395 in salaries and wages.

Materials for manufacturing in 1950 cost \$6,057,087, including 41,324,989 gallons of crude tars at \$4,621,377. In addition, an amount of \$633,181 was paid for fuel and electricity.

TABLE 1. Principal Statistics of the Coal Tar Distillation Industry, 1946-1950

Year	Number of distilleries	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
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
1950 .....	11	457	1,274,395	633,181	6,057,087	10,033,238

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

TABLE 2. Products of the Coal Tar Distillation Industry, 1949 and 1950

Product		1949		1950	
		Quantity	Selling value at works	Quantity	Selling value at works
			\$		\$
Refined tar .....	Imp. gal.	3,542,989	538,458	4,324,803	661,048
Pitch .....	ton	92,291	2,489,125	113,510	3,437,514
Creosote oils .....	Imp. gal.	12,556,889	2,998,378	11,728,014	2,616,347
All other products <sup>1</sup> .....	—	—	3,306,826	—	3,318,329
<b>Total</b> .....	—	—	<b>9,332,787</b>	—	<b>10,033,238</b>

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

TABLE 3. Materials Used in the Coal Tar Distillation Industry, 1949 and 1950

Material		1949		1950	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Crude coal tar .....	Imp. gal.	31,849,203	3,962,793	39,563,571	4,451,668
Crude water gas tar .....	Imp. gal.	579,097	69,317	1,761,418	169,709
Asphalt .....	Imp. gal.	4,105,580	502,484	4,478,267	563,412
Containers and packing materials .....	—	—	156,500	—	211,944
All other materials .....	—	—	95,541	—	660,354
<b>Total</b> .....	—	—	<b>4,786,640</b>	—	<b>6,057,087</b>

## CHEMICALS AND ALLIED PRODUCTS

TABLE 4. Production of Creosote Oils, Pitch and Refined Tars, 1941-1950

Year	Creosote and other oils	Pitch	Refined tar, tarvia, etc.
	Imp. gal.	Tons	Imp. gal.
1941 .....	11,894,870	85,113	6,766,458
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
1950 .....	11,728,014	113,510	4,324,803

TABLE 5. Crude Tar Used in Tar Distilleries, 1941-1950

Year	Imp. gal.	Year	Imp. gal.
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 .....	32,428,300
1945 .....	38,034,109	1950 .....	41,324,989

TABLE 6. Imports and Exports of Coal Tar, Pitch, Etc., 1949 and 1950

Item		1949		1950	
		Quantity	Value	Quantity	Value
<b>(a) IMPORTS</b>			\$		\$
Coal tar, crude .....	Imp. gal.	652,029	111,638	5,869,713	744,577
Coal pitch .....	lb.	45,246,400	616,744	35,239,600	458,054
Carbolic or heavy oil .....	Imp. gal.	1,953,225	412,758	4,167,024	804,023
<b>(b) EXPORTS</b>					
Coal tar and pitch .....	Imp. gal.	3,416	1,328	2,708	1,363
Creosote oil .....	Imp. gal.	—	—	8,527	2,929
Coal tar oils, other .....	Imp. gal.	4,169,318	1,049,701	3,137,371	775,253

TABLE 7. Employees and their Earnings in the Coal Tar Distillation Industry, 1949 and 1950

Year	Number of Employees					Earnings		
	Supervisory and office		Workmen		Total	Supervisory and office	Workmen	Total
	Male	Female	Male	Female				
1949 .....	74	28	313	—	415	\$ 303,946	\$ 862,917	\$ 1,166,863
1950 .....	80	28	349	—	457	331,842	942,553	1,274,395

THE COAL TAR DISTILLATION INDUSTRY

List of Firms in the Coal Tar Distillation Industry, 1950

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 Barrett Company Limited .....	5551 St. Hubert Street, Montreal, Quebec .....	Montreal, Quebec Toronto, Ontario St. Boniface, Manitoba Vancouver, British Columbia
Currie Products Limited .....	87 Sheaffe Street, Hamilton, Ontario .....	Hamilton, Ontario
Northern Tar & Chemical Company Limited .....	P.O. Drawer 310, Port Arthur, Ontario .....	2nd Avenue, Port Arthur, Ontario

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