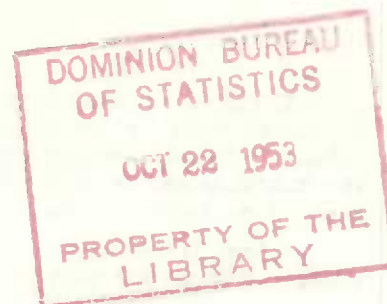


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THE COAL TAR DISTILLATION INDUSTRY  
1952

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**NOTICE**

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** - The Primary Industries, including mining, forestry and fisheries; **Volume II** - Manufacturing; **Volume III** - Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I - General Review of the Manufacturing Industries, \$1.50
- II - The Manufacturing Industries, by Provinces
  - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢
  - Section 2. Principal Statistics of Individual Industries, 75¢
  - Section 3. Principal Statistics by Regional Distribution, 75¢
- III - Foods and Beverages
- IV - Tobacco and Tobacco Products
- V - Rubber Products
- VI - Leather Products
- VII - Textiles
- VIII - Wood and Paper Products
- IX - Printing Trades
- X - Iron and Steel Products
- XI - Transportation Equipment
- XII - Non-ferrous Metal Products
- XIII - Electrical Apparatus and Supplies
- XIV - Non-metallic Mineral Products
- XV - Products of Petroleum and Coal
- XVI - Chemicals and Allied Products
- XVII - Miscellaneous Manufactures

The present report belongs in Part XVI, 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 Fertilizers Industry, 25¢
- D - The Fertilizer Trade in Canada, 25¢
- 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¢
- I - The Toilet Preparations Industry, 25¢
- J - The Vegetable Oils Industry, 25¢
- K - The Inks Industry, 25¢
- 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

## 1952

Output from the Coal Tar Distillation Industry in Canada in 1952 was valued at \$12,634,276 or 5 per cent more than in 1951. Production of creosote oils totalled 11,608,114 gallons at \$3,226,226 in 1951; refined tars amounted to 3,976,884 gallons at \$715,905, and pitch totalled 131,742 tons at \$4,477,039. Phenols, cresols, cresylic acid, xylenols, phthalic anhydride, coal tar paints, pitch coke, tar and asphalt cements, disinfectants, and asphalt saturants were other principal products.

Eleven plants operated in 1952, 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 500 people who were paid \$1,679,495 in salaries and wages.

Materials for manufacturing in 1952 cost \$7,143,102 including 43,037,000 gallons of crude tars at \$5,801,000. In addition, an amount of \$655,814 was paid for fuel and electricity.

**TABLE 1. Principal Statistics of the Coal Tar Distillation Industry, 1948-1952**

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	Net <sup>1</sup> value of production
			\$	\$	\$	\$	\$
1948 .....	11	380	881,907	542,630	5,076,131	8,077,247	2,458,486
1949 .....	11	415	1,166,863	549,310	4,786,640	9,332,787	3,996,837
1950 .....	11	457	1,274,395	633,181	6,057,087	10,033,238	3,342,970
1951 .....	11	468	1,442,776	668,588	7,077,237	12,077,290	4,331,465
1952 .....	11	500	1,679,495	655,814	7,143,102	12,634,276	4,835,360

1. Gross selling value less cost of materials, fuel and electricity.

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, 1951 and 1952**

Product	Unit of measure	1951		1952	
		Quantity	Selling value at works	Quantity	Selling value at works
			\$		\$
Refined tar .....	Imp. gal.	4,377,223	791,552	3,976,884	715,905
Pitch .....	ton	112,141	3,875,498	131,742	4,477,039
Creosote oils .....	imp. gal.	11,726,520	3,104,240	11,608,114	3,226,226
All other products <sup>1</sup> .....	—	—	4,306,000	—	4,215,106
<b>Total</b> .....	—	—	<b>12,077,290</b>	—	<b>12,634,276</b>

1. Includes coal tar paints, cements and disinfectants; also asphalt cements, asphalt saturant, pitch coke, phenol, cresol, orthocresol, metaparacresol, cresylic acid, phthalic anhydride, etc. Figures cannot be shown for these items as each was made by only one or two companies.

**TABLE 3. Materials Used in the Coal Tar Distillation Industry, 1951 and 1952**

Material	Unit of measure	1951		1952	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Crude coal tar .....	Imp. gal.	38,418,300	5,057,485	39,700,511	5,453,968
Crude water gas tar .....	" "	1,842,405	196,496	3,336,400	346,736
Asphalt .....	" "	4,249,359 <sup>1</sup>	515,782 <sup>1</sup>	3,132,656	379,666
Containers and packing materials .....	—	—	272,585	—	268,759
All other materials .....	—	—	1,034,889 <sup>1</sup>	—	693,973
<b>Total</b> .....	—	—	<b>7,077,237</b>	—	<b>7,143,102</b>

1. Revised.



TABLE 4. Production of Creosote Oils, Pitch and Refined Tars, 1943-1952

Year	Creosote and other oils	Pitch	Refined tar, tarvia, etc.
	Imp. gal.	Tons	Imp. gal.
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
1951.....	11,726,520	112,141	4,377,223
1952.....	11,608,114	131,742	4,108,626

TABLE 5. Crude Tar Used in Tar Distilleries, 1943-1952

Year	Imp. gal.	Year	Imp. gal.
1943.....	40,307,935	1948.....	32,975,053
1944.....	38,241,476	1949.....	32,428,300
1945.....	38,034,109	1950.....	41,324,989
1946.....	34,889,946	1951.....	40,260,705
1947.....	32,174,985	1952.....	43,037,000

TABLE 6. Imports and Exports of Coal Tar, Pitch, Etc., 1951 and 1952

Item	Unit of measure	1951		1952	
		Quantity	Value	Quantity	Value
(a) Imports			\$		\$
Coal tar, crude.....	Imp. gal.	7,231,455	1,074,355	4,294,592	675,141
Coal pitch.....	lb.	82,145,800	1,181,306	66,361,600	968,766
Carbolic or heavy oil.....	Imp. gal.	3,490,780	679,039	2,846,180	535,978
(b) Exports					
Coal tar and pitch.....	Imp. gal.	621,087	71,883	661,020	80,412
Creosote oil.....	"	6,742	1,861	1,763,351	361,493
Coal tar oils, other.....	"	2,363,018	857,072	2,842,057	965,786

TABLE 7. Employees and Their Earnings in the Coal Tar Distillation Industry, 1949-1952

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
1951.....	78	19	368	3	468	362,681	1,080,095	1,442,776
1952.....	96	20	381	3	500	465,461	1,214,043	1,679,495

**TABLE 8. Capital Expenditures in the Coal Tar Distillation Industry, 1948-1952**

Year	Capital expenditures			Repair and maintenance expenditures		
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total
	\$(000)					
1948 .....	380	370	750	31	168	199
1949 .....	182	183	365	102	178	280
1950 .....	5	41	46	1	391	392
1951 .....	10	185	195	19	458	477
1952 <sup>1</sup> .....	12	150	162	57	276	333

1. Preliminary.

**List of Firms in the Coal Tar Distillation Industry, 1952**

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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