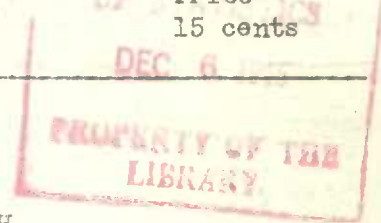


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Published by Authority of the HON. JAMES A. MACKINNON, M.P., 19-29-11-45  
 Minister of Trade and Commerce Price - 15 cents



DEPARTMENT OF TRADE AND COMMERCE  
 DOMINION BUREAU OF STATISTICS  
 CENSUS OF INDUSTRY  
 MINING, METALLURGICAL AND CHEMICAL BRANCH  
 OTTAWA - CANADA

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ANNUAL INDUSTRY BULLETIN

CHEMICALS AND ALLIED PRODUCTS GROUP

THE COAL TAR DISTILLATION INDUSTRY, 1944

The coal tar distillation industry in Canada had an output in 1944 valued at \$5,697,144 compared with \$6,540,285 in 1943, a decrease of 12.9 per cent. Production was from the same 10 distilleries which were in operation in previous years, 4 of these being located in Ontario, 2 in Quebec, 2 in Manitoba, 1 in British Columbia, and 1 in Nova Scotia. Their chief products were creosote and other oils, pitch, refined tar, tarred felts and sheathings, pitch coke, protective paints, phenol, cresol and cresylic acid.

The average number of workers employed in the industry in 1944 was 378 and salaries and wages paid during the year amounted to \$732,528.

Materials used for manufacturing in 1944 cost \$3,324,047 including 38,241,476 gallons of crude tar valued at \$2,719,856. In addition, \$336,971 was spent for fuel and electricity for heating and power purposes.

Table 1 - PRINCIPAL STATISTICS OF THE COAL TAR DISTILLATION INDUSTRY IN CANADA, 1937 - 1944

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
			\$	\$	\$	\$
1937 .....	10	254	357,744	170,910	2,189,237	3,399,541
1938 .....	10	257	356,564	158,649	1,742,366	2,895,237
1939 .....	10	302	393,522	163,950	2,108,544	3,648,080
1940 .....	10	323	459,374	237,242	2,480,378	4,975,087
1941 .....	10	367	620,129	276,628	3,218,530	5,146,443
1942 .....	10	392	708,857	254,419	3,833,826	6,805,791
1943 .....	10	424	789,335	326,448	4,059,598	6,540,285
1944 .....	10	378	732,528	336,971	3,324,047	5,697,144

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.

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Coal Tar Distillation

Table 2 - EMPLOYEES, SALARIES AND WAGES, 1937-1944

Year	Number of Employees			Salaries	Wages	TOTAL SALARIES and WAGES
	On salaries	On wages	TOTAL			
1937 .....	38	216	254	\$ 100,347	\$ 257,397	\$ 357,744
1938 .....	42	215	257	106,566	249,998	356,564
1939 .....	42	260	302	112,106	281,416	393,522
1940 .....	43	280	323	119,714	339,660	459,374
1941 .....	81	286	367	233,152	386,977	620,129
1942 .....	95	297	392	258,818	450,039	708,857
1943 .....	100	324	424	254,427	534,908	789,335
1944 .....	86	292	378	230,366	502,162	732,528

Table 3 - NUMBER OF WAGE-EARNERS, BY MONTHS, 1943 and 1944 (Number on payroll on the last work day of each month)

Month	1943		1944	
	Male	Female	Male	Female
January .....	329	-	285	20
February .....	335	-	281	19
March .....	330	-	281	19
April .....	320	-	277	18
May .....	313	-	271	17
June .....	312	-	262	17
July .....	290	15	267	18
August .....	291	16	266	19
September .....	295	17	268	17
October .....	293	17	280	19
November .....	328	19	264	19
December .....	325	20	273	18
AVERAGE .....	314	10	273	19

Table 4 - HOURS WORKED PER WEEK, BY WAGE-EARNERS, 1943 and 1944 (In one week in month of highest employment; overtime included)

Hours worked per week	No. of Wage-earners			
	1943		1944	
	Male	Female	Male	Female
30 or less .....	50	4	24	1
31 - 43 .....	52	1	23	1
44 .....	14	2	4	-
45 - 47 .....	8	-	8	-
48 .....	16	-	41	6
49 - 50 .....	12	1	9	-
51 - 54 .....	37	4	35	7
55 .....	6	4	16	-
56 - 64 .....	88	3	101	3
65 and over .....	69	-	47	2
Total .....	352	19	308	20

Total wages paid in selected week ..... \$ 12,661      422      11,112      596

Table 5 - FUEL AND ELECTRICITY USED, 1943 and 1944

Kind	Unit of measure	1943		1944	
		Quantity	Cost at works	Quantity	Cost at works
Anthracite Coal .....	Ton	1,124	9,160	892	7,100
Bituminous - Canadian .....	Ton	8,504	63,992	9,958	84,369
Imported .....	Ton	14,602	113,255	15,196	122,278
Lignite coal .....	Ton	835	3,596	207	901
Coke .....	Ton	2,896	17,294	697	4,696
Fuel oil .....	Imp. gal.	126,143	8,732	226,728	16,626
Wood .....	Cord	627	2,169	539	1,435
Other fuel (chiefly tar and heavy creosote) .....	-	-	84,698	-	74,236
Electricity purchased .....	K.W.H.	2,476,975	23,552	3,188,342	25,330
TOTAL .....	\$	-	326,448	-	336,971

Table 6 - POWER EQUIPMENT, 1943 and 1944

	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horsepower	Number of units	Total rated horsepower
<u>1943</u>				
Steam engines and steam turbines..	3	33	2	30
Gasoline, gas and oil engines ....	12	150	1	75
Electric motors run by purchased power .....	94	826	17	95
TOTAL .....	99	1,009	20	200
Stationary boilers .....	13	1,485	4	315
<u>1944</u>				
Steam engines and steam turbines..	3	33	2	30
Gasoline, gas and oil engines ....	12	150	1	75
Electric motors run by purchased power .....	85	639	17	95
TOTAL .....	100	822	20	200
Stationary power boilers .....	11	1,250	4	315

Table 7 - MATERIALS USED, 1943 and 1944

Material	1943		1944		
	Quantity	Cost at works	Quantity	Cost at works	
Crude tar .....	Imp. gal.	40,307,935	3,177,034	38,241,476	2,719,856
All other materials .....	-	-	882,584	-	604,191
TOTAL .....	-	-	4,059,598	-	3,324,047



Coal Tar Distillation

Table 8 - PRODUCTS MADE, 1943 and 1944

Product	1943		1944	
	Quantity	Selling Value at works	Quantity	Selling Value at works
Refined tar .....Imp. gal.	3,458,842	428,426	9,574,824	988,869
Pitch ..... Tons	107,430	2,093,492	81,596	1,386,180
Creosote oils .....Imp. gal.	10,321,918	1,662,085	10,737,128	1,736,914
All other products (x) ..	-	2,356,282	-	1,585,181
<b>TOTAL .....</b>	<b>-</b>	<b>6,540,285</b>	<b>-</b>	<b>5,697,144</b>

(x) Includes coal tar paints, cements and disinfectants; asphalt cements, asphalt saturant, pitch coke, naphthalene, phenol, cresol, orthocresol, meta para cresol, cresylic acid, phthalic anhydride, dibutyl phthalate, etc.

List of Firms in the Coal Tar Distillation Industry, 1944

<u>Name</u>	<u>Address</u>
Dominion Tar & Chemical Company Limited	H.O. - 2240 Sun Life Building, Montreal, Quebec.
	Plants at- Sydney, Nova Scotia
	Ville LaSalle, Quebec
	Sault Ste. Marie, Ontario
	Toronto, Ontario.
	St. Boniface, Manitoba
The Barrett Company Limited	H.O. -5551 St. Hubert Street, Montreal, Quebec
	Plants at- Montreal, Quebec
	Toronto, Ontario
	Winnipeg, Manitoba
	Vancouver, B. C.
Currie Products Limited	87 Sheaffe Street, Hamilton, Ontario.