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DOMINION BUREAU OF STATISTICS - CANADA
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THE WOOD DISTILLATES AND WOOD EXTRACTS INDUSTRY IN CANADA, 1927.

Production of wood distillates and wood extracts in Canada during 1927 was valued at \$1,587,704, a decline of 8.5 per cent from the corresponding figure for 1926. Eleven establishments were in operation in 1927 including 5 distillation plants, and 1 charcoal burner in Ontario, and 1 distillery, 1 refinery, 1 concern which extracted turpentine, and 2 small charcoal plants in Quebec.

These 11 plants representing a capital of \$1,907,514 gave work to an average of 291 people during the year and used materials worth \$865,081. In the previous year, 1926, the 9 plants in operation employed an average of 255 workers and used materials worth \$827,575 to make products having a selling value of \$1,734,993. The value added by manufacturing was \$722,623 in 1927 as against \$907,418 in 1926.

Two distillation plants were closed down during 1927 but another was re-opened after being idle in 1926, and 2 small concerns which made charcoal as their only product were added to the list while another plant which produced charcoal for use in the manufacture of explosives operated for part of the year, after being closed during 1927.

Charcoal, methyl hydrate, acetate of lime, acetic acid, formaldehyde and turpentine were the principal products.

TABLE 1.- PRINCIPAL STATISTICS OF THE WOOD DISTILLATES AND WOOD EXTRACTS INDUSTRY IN CANADA, 1923-1927.

Year	No. of plants	Capital employed	No. of employees	Salaries and Wages	Cost of materials	Selling Value of Products	Value added by manufacturing
		\$		\$	\$	\$	\$
1923 ...	9	2,814,045	344	332,026	976,621	2,743,295	1,766,674
1924 ...	12	2,784,681	367	384,050	1,055,658	2,283,422	1,227,764
1925 ...	10	2,287,109	309	238,848	847,663	1,989,996	1,142,333
1926 ...	9	2,217,049	255	214,694	827,575	1,734,993	967,418
1927 ...	11	1,907,514	291	275,301	865,081	1,587,704	722,623

TABLE 2.- PRINCIPAL STATISTICS OF THE WOOD DISTILLATES AND WOOD EXTRACTS INDUSTRY IN CANADA, BY PROVINCES, 1926-1927.

Province	No. of Plants	1926			:	1927		
		No. of employees	Salaries and wages	Value of products		No. of Plants	No. of employees	Salaries and wages
			\$	\$			\$	\$
Quebec	4	84	76,292	773,054	5	92	98,605	792,591
Ontario	5	171	138,402	961,939	6	199	176,696	795,113
CANADA	9	255	214,694	1,734,993	11	291	275,301	1,587,704

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TABLE 3.- MATERIALS USED IN THE WOOD DISTILLATES AND WOOD EXTRACTS INDUSTRY IN CANADA, 1926 and 1927.

Material	Unit of Measure	1926		1927	
		Quantity	Cost at Works \$	Quantity	Cost at Works \$
Primary materials:					
Hardwoods.....	cord	48,254	462,818	56,292	482,277
Lime.....	bush.	41,537	15,752	37,999	18,131
Sulphuric acid, 66° Be.....	lb.	757,460	4,545	764,730	45,836
All other materials.....	-	-	1,628	-	2,645
Total Primary Materials....	-	-	485,743	-	548,939
Intermediate materials:					
Gray acetate of lime.....	lb.	1,153,899	26,539	1,150,782	23,016
Methyl hydrate, crude, 95%...Imp.gal.		334,776	227,641	314,738	204,612
Methyl hydrate, pure.....	lb.	103,170	7,652	104,135	88,514
Total Intermediate Materials	-	-	341,832	-	316,142
TOTAL MATERIALS.....	-	-	827,575	-	865,081

TABLE 4.- PRODUCTS OF THE WOOD DISTILLATES AND WOOD EXTRACTS INDUSTRY IN CANADA, 1926 and 1927.

Product	Unit of Measure	1926		1927	
		Quantity	Selling Value \$	Quantity	Selling Value \$
Products made for sale:					
Charcoal.....	bush.	2,370,494	565,215	2,758,697	603,217
Gray acetate of lime, 80%....	lb.	8,566,722	254,833	8,897,838	167,424
Methyl hydrate, crude, 95%... Imp.gal.		69,321	37,738	59,336	26,702
Methyl hydrate, pure.....	lb.	196,391	191,088	201,696	181,526
Columnian spirits.....	Imp.gal.	3,775	4,926	6,052	7,502
Acetone.....	lb.	26,723	5,238	-	-
Acetone oils.....	lb.	3,503	560	-	-
Wood creosote.....	Imp.gal.	2,348	638	-	-
Formaldehyde.....	lb.	1,300,000	200,200	1,321,500	132,150
Other products.....	-	-	143,110	-	129,769
Total products made for sale (x)	-	-	1,408,596	-	1,245,290
Intermediate Products made for Use:					
Gray acetate of lime, 80%....	lb.	857,951	17,157	1,014,680	18,656
Methyl hydrate, crude, 95%... Imp.gal.		337,537	221,588	357,331	232,244
Methyl hydrate, pure.....	Imp.gal.	103,170	87,652	104,135	88,514
Total intermediate products..	-	-	326,397	-	339,414
TOTAL PRODUCTS.....	-	-	1,734,993	-	1,587,704

(x) Includes 28% and 80% acetic acid, turpentine and other products.

TABLE 5.- IMPORTS INTO CANADA AND EXPORTS OF CERTAIN CHEMICAL PRODUCTS DURING THE CALENDAR YEARS, 1926 and 1927.

Item		1926		1927	
		Imports	Exports	Imports	Exports
Methyl hydrate.....	Gal.	56	37,196	58	47,026
	\$	189	33,835	231	49,083
Charcoal.....	\$	190,716	3,653	202,514	157
Acetone and amyl acetate.....	\$	13,611	-	57,979	-
Acetate of lime.....	Cwt.	-	55,317	-	70,725
	\$	4	161,150	-	232,630
Acetic and pyroligneous acid...	Gal.	3,839	-	2,837	-
	\$	4,166	-	3,765	-
Acetic acid.....	Cwt.	-	221,770	-	277,531
	\$	-	2,089,339	-	2,850,333
Formaldehyde.....	\$	416	-	220	-
Turpentine, raw or crude.....	lb.	11,179	-	140,641	-
	\$	1,435	-	15,914	-
Turpentine, spirits of.....	Gal.	953,095	5,563	1,032,325	5,072
	\$	865,532	5,867	672,745	4,439

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