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THE WOOD DISTILLATES AND EXTRACTS INDUSTRY IN CANADA, 1928.

Production of wood distillates and wood extracts in Canada during 1928 was valued at \$1,645,009 or 4 per cent above the corresponding figure for 1927, according to the Dominion Bureau of Statistics at Ottawa. Statistics for this group cover the operation of only 7 establishments including 4 distillation plants in Ontario and 1 distillery, 1 refinery and 1 turpentine works in Quebec. The decline in the number of operating concerns as compared with 1927 was due to the closing down of one distillery and to the transfer of the 3 small charcoal burners to another industry.

Capital employed by these plants in 1928 was reported at \$1,884,935; the average number of employees was 217; salaries and wages totalled \$244,438; materials cost \$826,477 at the works and the value added by manufacturing was \$818,522.

Charcoal, methyl hydrate, acetate of lime, acetic acid, formaldehyde, wood creosote and turpentine were among the products of this industry.

TABLE 1.- PRINCIPAL STATISTICS OF THE WOOD DISTILLATES AND WOOD EXTRACTS INDUSTRY IN CANADA, 1924-1928

Year	No. of plants	Capital employed	No. of employees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
		\$		\$	\$	\$	\$
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
1928 ...	7	1,884,935	217	244,438	826,477	1,645,009	818,522

TABLE 2.- MATERIALS USED IN THE WOOD DISTILLATES AND WOOD EXTRACTS INDUSTRY IN CANADA, 1927 and 1928.

Material	Unit of measure	1927		1928	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Primary Materials:					
Hardwoods.....	cord	56,292	482,277	52,559	476,726
Lime.....	bush.	37,999	18,131	53,898	18,784
Sulphuric acid, 66° Be.....	lb.	764,780	4,586	652,563	5,030
All other materials.....	-	...	43,945	...	2,098
Total Primary Materials.	-	...	548,939	...	502,638
Intermediate Materials:					
Gray acetate of lime.....	lb.	1,150,782	23,016	1,064,652	23,954
Methyl hydrate, crude, 95% Imp.	gal.	314,788	204,612	402,365	222,500
Methyl hydrate, pure.....	Imp. gal.	104,135	88,514	110,550	77,385
Total Intermediate Materials	-	...	316,142	...	323,839
TOTAL MATERIALS.....	-	...	865,081	...	826,477

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TABLE 3.- PRODUCTS OF THE WOOD DISTILLATES AND WOOD EXTRACTS INDUSTRY IN CANADA, 1927 and 1928.

Product	Unit of measure	1 9 2 7		1 9 2 8	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$
Products made for sale:					
Charcoal.....	bush.	2,758,697	603,217	2,580,426	610,708(z)
Gray acetate of lime, 80%.....	lb.	8,897,888	167,424	10,103,011	306,433
Methyl hydrate, crude, 95%.....	Imp.gal.	59,336	26,702	25,060	21,726
Methyl hydrate, pure.....	"	201,696	181,526	237,488	166,241
Other products (x).....	-	...	269,421	...	233,840
Total Products made for Sale..	-	...	1,248,290	...	1,328,948
Intermediate products made for Use:					
Gray acetate of lime, 80%.....	lb.	1,014,680	18,656	437,691	13,130
Methyl hydrate, crude, 95%.....	Imp.gal.	357,331	232,244	410,086	225,546
Methyl hydrate, pure.....	Imp.gal.	104,135	88,514	110,550	77,385
Total Intermediate Products...	-	...	339,414	...	316,061
TOTAL PRODUCTS.....	-	...	1,587,704	...	1,645,009

(z) Production figure given for this item does not represent the total for Canada as there was also a production by firms in other industries.

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

TABLE 4.- IMPORTS INTO CANADA AND EXPORTS OF CERTAIN CHEMICAL PRODUCTS DURING THE CALENDAR YEARS 1927 and 1928.

Item	1 9 2 7		1 9 2 8		
	IMPORTS	EXPORTS	IMPORTS	EXPORTS	
Methyl hydrate.....	Gal.	58	47,026	39	27,380
	\$	231	49,083	186	23,514
Charcoal.....	\$	202,514	157	193,153	536
Acetone and amyl acetone.....	\$	57,979	...	101,127	...
Acetate of lime.....	Cwt.	...	70,725
	\$...	232,630
Acetic and pyroligneous acid....	Gal.	2,837	...	6,188	...
	\$	3,765	...	10,542	...
Acetic acid.....	Cwt.	...	277,531	...	402,027
	\$...	2,860,393	...	3,927,337
Formaldehyde.....	\$	220	...	1,051	...
Turpentine, raw or crude.....	lb.	140,641	...	234,009	...
	\$	15,914	...	15,664	...
Turpentine, spirits of.....	Gal.	1,032,325	5,072	1,050,296	5,150
	\$	672,745	4,439	575,852	4,199

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