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REPORT
on the
LIQUORS DISTILLED
in
CANADA
1922

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CENSUS OF INDUSTRY

OTTAWA, CANADA

Dominion Statistician: R.H. Coats, B.A., F.S.S., F.R.S.C.
Chief, Industrial Census: J.C. Macpherson.

LIQUORS DISTILLED IN CANADA, 1922

Ottawa, July, 1924.- The Dominion Bureau of Statistics presents herewith a report on the distillation of liquors in Canada during the calendar year 1922. There were six establishments reported operations during that year, three of which were in the province of Ontario, and three in Quebec.

PRINCIPAL STATISTICS

The principal statistics of the industry are given for Canada and the provinces in Table I.

Table I. Principal Statistics, by Provinces, 1922.

	CANADA	Ontario	Quebec
Establishments..... No.	6	3	3
Capital investment..... \$	15,253,827	13,607,371	1,646,456
Employees on Salaries -			
Male..... No.	69	53	16
Female..... No.	2	1	1
Salaries paid..... \$	189,307	161,815	27,492
Employees on Wages -(av.No.)			
Male..... No.	234	178	56
Female..... No.	8	7	1
Wages paid..... \$	277,280	213,237	64,043
Cost of fuel..... \$	240,922	203,302	34,627
Power installation -			
Units..... No.	72	29	43
Capacity..... H.P.	1,639	740	899
Miscellaneous expenses..... \$	556,041	412,633	143,408
Cost of materials..... \$	1,526,376	977,134	569,242
Value of products..... \$	3,296,345	2,267,639	1,028,906
Value added by manufacture.. \$	1,750,169	1,290,505	459,664

LIQUORS DISTILLED IN CANADA, 1922

PRODUCTION

The quantity and value of the principal products of the industry will be found in Table II by provinces for the calendar year 1922. Of the net value of production, Ontario contributed \$2,267,639 or 68.7 per cent and Québec provided \$1,028,906 or 31.3 per cent. In both provinces potable spirits were the most important item of production and together were equivalent to 70.8 per cent of the total of all products for the Dominion.

Table II - Products by Provinces

Principal products		CANADA		Ontario		Quebec	
		Quantity	Value	Quantity	Value	Quantity	Value
Whiskies and other potable spirits.	imp. gal.	2,732,494	2,334,250	2,134,401	1,695,564	598,093	638,686
Non-potable alcohol.....	" "	1,689,694	752,679	1,170,720	529,321	518,974	223,158
Distillers' grains, etc.....	-	-	45,372	-	34,507	-	11,365
Denatured alcohol.....	gals.	146,472	155,697	-	-	146,472	155,697
Fusel oil.....	"	6,555	7,410	6,555	7,410	-	-
All other products.....	-	-	637	-	637	-	-
TOTAL.....			3,296,545		2,267,639		1,028,906

LIQUORS DISTILLED IN CANADA, 1922

OTHER EMPLOYMENT STATISTICS

The number of persons of each sex on the pay roll each month, by provinces for the calendar year 1922, will be found in Table V. February shows the largest number of male employees on the pay roll with 296, whilst the minimum was reached in October when only 162 were employed. The female wage earners were at their maximum in June with 12, but for January, and from July to December inclusive, only 7 women were required.

Table V. Wage earners, by Provinces, 1922 --

Months	CANADA		Ontario		Quebec	
	Male	Female	Male	Female	Male	Female
January.....	289	7	230	7	59	-
February.....	296	8	228	7	68	1
March.....	288	8	206	7	82	1
April.....	283	8	207	7	76	1
May.....	278	8	218	7	60	1
June.....	268	12	155	11	53	1
July.....	206	7	161	7	45	-
August.....	223	7	176	7	47	-
September.....	211	7	169	7	42	-
October.....	162	7	111	7	51	-
November.....	168	7	122	7	46	-
December.....	196	7	149	7	47	-
TOTAL.....	2,808	93	2,132	88	676	5
Average for Year	234	8	178	7	56	1

The number of days the plants were in operation, together with the number of hours per day and per week normally worked by wage earners are shown in Table VI for the calendar year 1922. For statistical purposes a year consists of 304 working days.

Table VI. Days in Operation and Hours worked by Wage earners

Number of establishments.....	6	
	Total	Average
Days in operation on full time....	1,232	205.4
Days idle.....	592	98.6
Number of hours worked per day or shift.....	55	9.1
Number of hours worked per week....	326	54.3

FUEL CONSUMPTION

Only one kind of fuel was used in the industry during 1922, and that was bituminous coal, of which a total of 29,729 tons were consumed at a cost of \$240,929. Of this amount, Ontario accounted for 26,121 tons valued at \$206,302, and Quebec required 3,668 tons with an expenditure of \$34,627.

POWER INSTALLATION

The power employed in the industry is shown in Table VII by classes of power, the number of units in each class and the indicated horse-power capacity according to manufacturer's rating.

Table VII - Power Installed, by Provinces, 1922 --

Classes of Power	CANADA		Ontario		Quebec	
	Units	Capacity	Units	Capacity	Units	Capacity
	No.	H.P.	No.	H.P.	No.	H.P.
steam engines & turbines.	17	771	7	520	10	251
electric motors, operated by purchased power.....	55	868	22	220	33	648
TOTAL.....	72	1,639	29	740	43	899

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LIQUORS DISTILLED IN CANADA, 1922

MATERIALS USED

The quantity and value of the various materials used in the industry are given in Table VIII by provinces for the calendar year 1922. The principal material used was molasses, of which 3,161,476 gallons were consumed at a cost of \$527,120. Next in importance was corn with a total consumption of 572,604 bushels valued at \$429,467. The total expenditure for all materials for the Dominion was \$1,546,376, of which Ontario contributed \$977,134 or 63.2 per cent and Quebec \$569,242 or 36.8 per cent.

Table VIII - Materials used by Provinces, 1922.

Principal Materials	CANADA		Ontario		Quebec	
	Quan.	Value	Quan.	Value	Quan.	Value
Corn.....bu.	572,604	\$ 429,467	532,090	393,847	40,514	35,620
Rye....."	158,771	178,281	124,889	136,454	33,882	41,827
Barley....."	13,315	15,541	13,315	15,541	-	-
Other grains....."	10,142	5,442	10,142	5,442	-	-
Canadian malt purchased....."	45,627	70,917	36,791	61,102	8,336	9,815
Molasses.....gal.	3,161,476	527,120	1,860,024	223,203	1,301,452	303,917
Water, purchased.....-	-	2,374	-	2,374	-	-
Hops.....lb.	1,403	732	1,403	732	-	-
Yeast....."	85,650	1,737	150	27	85,500	1,710
Cooperage, purchased....-	-	93,133	-	63,408	-	29,725
Bottles purchased.....-	-	96,018	-	29,117	-	66,841
Cases purchased.....-	-	37,741	-	14,598	-	23,143
Labels, corks, bungs, etc..-	-	38,052	-	11,687	-	26,365
All other Materials.....-	-	49,821	-	19,542	-	30,279
TOTAL.....	-	1,546,376	-	977,134	-	569,242

MISCELLANEOUS EXPENSES

The total overhead charges or miscellaneous expenses incurred in the industry during 1922 amounted to \$556,041. Of this amount \$412,633 was chargeable to the Province of Ontario, whilst the remaining \$143,408 was expended by the Province of Quebec. The principal items comprising miscellaneous expenses are, rent of buildings, taxes, insurance premiums, power rentals, advertising and travelling expenses and repairs to buildings and machinery. Owing to changes made in the general schedule for 1922, manufacturers are no longer required to itemize their miscellaneous expenses.

IMPORTS AND EXPORTS

The quantity and value of all distilled beverages and industrial alcohol imported into and exported from Canada during the calendar year 1922 will be found in Table IX. The total quantity of distilled beverages imported into Canada during the year above mentioned was 1,222,596 gallons valued at \$20,269,501, whilst the exports for the same period amounted to 314,438 gallons valued at \$2,732,508. Industrial alcohol imported totalled 23,788 gallons of the value of \$91,891, whilst the exports were 115,151 gallons valued at \$99,884.

Table IX (a) - Imports, 1922.

Distilled Products Imported	United Kingdom		United States		Other Countries	
	Quan.	Value	Quan.	Value	Quan.	Value
	Gal.	\$	Gal.	\$	Gal.	\$
Distilled beverages.....	913,245	17,583,812	45,063	752,357	264,288	1,933,332
Alcohol, industrial.....	16	16	22,197	74,806	8,575	17,069
TOTAL.....	913,261	17,583,828	67,260	827,163	272,863	1,950,401

Table IX (b) - Exports, 1922.

Distilled Products Exported	United Kingdom		United States		Other Countries	
	Quan.	Value	Quan.	Value	Quan.	Value
	Gal.	\$	Gal.	\$	Gal.	\$
Distilled beverages.....	42,199	53,899	42,080	646,474	230,159	2,027,135
Alcohol, industrial.....	93,672	77,625	3,008	4,089	18,471	18,170
TOTAL.....	135,871	136,524	45,088	650,563	248,630	2,045,305

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