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CANADA
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY

REPORT
on the
LIQUOR DISTILLATION INDUSTRY
in
CANADA
1919 & 1920

Published by Authority of the Hon. J. A. Robb, M. P.,

Minister of Trade and Commerce.

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DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

OTTAWA, CANADA

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THE LIQUOR DISTILLATION INDUSTRY

1919 and 1920.

Ottawa, April, 1922 - The Dominion Bureau of Statistics presents a report on the Liquor Distillation Industry in Canada during the calendar years 1919 and 1920. Reports were received covering the operations of four plants in 1919 and the same number in 1920. By provinces, the distilleries are distributed as follows: Two in Ontario, one in Quebec and one in British Columbia. For reference purposes, statistics of Imports and Exports are given in the last table of this report.

PRINCIPAL STATISTICS.

The table below shows for 1919 and 1920 the principal statistics of this industry. The details of the more important data are given in separate tables:-

Items		1919	1920
Establishments	No.	4	4
Capital invested	\$	8,147,637	11,773,046
Salaried employees -			
Male	No.	39	46
Female	No.	11	18
Salaries	\$	69,165	84,345
Wage earners -			
Male	No.	209	242
Female	No.	1	33
Wages	\$	107,700	292,363
Cost of Fuel	\$	52,626	144,304
Power -			
Units	No.	34	105
Rating	H.P.	2,122	4,584
Used	H.P.	1,922	4,584
Miscellaneous expenses	\$	153,192	448,094
Cost of materials	\$	723,753	1,210,633
Value of products	\$	1,281,563	2,815,359

THE LIQUOR DISTILLATION INDUSTRY,

1919 and 1920.

PRODUCTION

An increase of \$1,533,796 is reported in the value of distilled liquors in 1920 over the preceding year. Both Potable and non-potable alcohol show greater production in 1920. Potable spirits have increased in quantity from 280,226 proof gallons to 1,084,213 proof gallons, while non-potable alcohol manufactured in 1920 amounted to 2,233,428 proof gallons, as against 1,777,289 proof gallons in 1919:-

	1919		1920	
	Quantity	Value	Quantity	Value
	Proof gals.	\$	Proof gals.	\$
Whiskies and other potable spirits	280,226	356,952	1,084,213	1,206,753
Non-potable alcohol	1,777,289	893,528	2,223,428	1,595,584
Distillers, grains, etc....	-	1,270	-	1,531
All other products	-	29,813	-	11,491
TOTALS		1,281,563		2,815,359

CAPITAL INVESTED.

The statement below shows by items for the years 1919 and 1920 the amount of capital invested in this industry. Higher value of stocks on hand and cash, trading and operating accounts is largely responsible for the increase in 1920:-

Year	Land, buildings and fixtures	Machinery and tools	Materials on hand, stocks in process, etc.	Cash, trading and operating, accts, etc.	Total Capital
	\$	\$	\$	\$	\$
1919	5,225,336	237,551	976,018	1,708,732	8,147,637
1920	5,500,635	194,551	2,962,157	3,115,703	11,773,046

EMPLOYEES, SALARIES AND WAGES.

That there has been higher production in 1920 is reflected in salary and wage payments, increased from \$176,865 in 1919 to \$376,708 in 1920. The male and female employees also increased from 248 and 12 respectively in 1919 to 288 and 51 in 1920:-

	1919			1920		
	Employees		Salaries & Wages	Employees		Salaries & Wages
	Male	Female		Male	Female	
	No.	No.	\$	No.	No.	\$
Officers, superintendents & managers	15	-	44,893	14	-	54,067
Clerks, stenographers and other salaries employees	24	11	24,272	32	18	30,278
Wage earners, average number	209	1	107,700	242	33	292,363
TOTALS	248	12	176,865	288	51	376,708

THE LIQUOR DISTILLATION INDUSTRY

1919 and 1920.

CLASSIFIED WEEKLY WAGES.

In the next table will be found, for 1919 and 1920, the wage-earners divided as to age and sex and classified according to weekly wage payments within specified groups. All employees in the industry were over 16 years of age:-

Wage Groups	Over 16 years of age					
	Male		Female		Total Employees	
	1919	1920	1919	1920	1919	1920
	No.	No.	No.	No.	No.	No.
Under \$5 per week	5	-	-	-	5	-
\$5 to under \$10 per week	12	1	-	-	12	1
\$10 " " \$15 " "	7	1	1	5	8	6
\$15 " " \$20 " "	105	19	-	3	105	22
\$20 " " \$24 " "	28	34	-	-	28	34
\$24 " " \$28 " "	32	84	-	-	32	84
\$28 " " \$30 " "	6	9	-	-	6	9
\$30 per week and over ..	17	39	-	-	17	39
TOTALS	212	187	1	8	213	195

FUEL CONSUMPTION.

The following table shows quantities and cost values of the various kinds of fuel consumed in 1919 and 1920:-

	Unit of measure	1919		1920	
		Quan.	Cost val.	Quan.	Cost val.
			\$		\$
Bituminous coal	short ton	8,275	49,926	16,064	138,404
Anthracite coal	" "	300	2,700	225	3,780
Gasoline	U.S. or Imp. gals.	-	-	5,201	2,120
TOTAL COST OF FUEL		-	52,626	-	144,304

POWER STATISTICS.

The compilation of power equipment shows for the various kinds of power, and for the years 1919 and 1920, the number of units, indicated horse-power and the horse-power effectively used.

Kind	1919			1920		
	Number of units	Indicated H. P. capacity	H. P. effectively used	Number of units	Indicated H. P. Capacity	H. P. effectively used
Boilers	15	1,695	1,495	16	2,773	2,773
Engines, steam .	3	170	170	7	185	185
Electric motors	16	257	257	81	1,326	1,326
Other power . . .	-	-	-	1	300	300
TOTALS	34	2,122	1,922	105	4,584	4,584

THE LIQUOR DISTILLATION INDUSTRY,

1919 and 1920.

MISCELLANEOUS EXPENSES.

The outlay covering expenses of a miscellaneous character are classified for the years 1919 and 1920 and shown in the statement below:-

Items	1919	1920
	\$	\$
Rent of offices, works and machinery	13,470	13,728
Rent of power	22,942	32,204
Insurance (premiums for year only)	18,640	40,518
Taxes, (municipal, provincial, federal)	13,857	112,123
Advertising expenses	1,403	7,311
Travelling expenses	5,880	1,903
Repairs to buildings and machinery .	22,784	89,916
All other sundry expenses	54,216	150,391
TOTAL MISCELLANEOUS EXPENSES	153,192	448,094

MATERIALS USED.

The next table gives the quantities and cost value delivered at the distilleries of all materials and containers effectively employed during the years 1919 and 1920. In both years the largest cost was for molasses. This material cost \$709,895 in 1920, as against a total of \$500,738 for all other materials used.

Kind	Unit of measure	Quantity	Cost at the works	Quantity	Cost at the works
Corn	bushels	47,936	77,091	212,498	307,417
Rye	"	9,477	18,167	36,060	64,271
Barley	"	-	-	17,048	43,131
Other grains ..	"	22,784	47,846	2,489	14,607
Malt	"	6,934	18,247	5,646	17,028
Molasses	gallons	2,467,607	505,502	3,488,935	709,895
Hops	pounds	1,040	320	3,338	2,257
Yeast	"	47,675	1,979	69,550	2,830
Barrels, purchased	-	-	46,089	-	28,353
Cases, bottles, labels, etc..	-	13,000	130	-	4,829
All other materials-	-	-	8,442	-	16,015
TOTAL COST OF MATERIALS			723,753		1,210,633

THE LIQUOR DISTILLATION INDUSTRY,

1919 and 1920.

IMPORTS AND EXPORTS.

The Imports and Exports of distilled liquors are shown in the statement below for the calendar years 1919 and 1920. Imports have increased from \$3,840,388 in 1919 to \$19,226,971 in 1920. The value of Exports decreased from \$3,809,298 in 1919 to \$3,042,307 in 1920. The excess of Imports over Exports amounted to \$16,184,664 in 1920, as against \$31,090 in 1919.

(a) Imports of Distilled Liquors into Canada, 1919 and 1920 (calendar years)

Kind	1919		1920	
	Quantity	Value	Quantity	Value
	Gallons	\$	Gallons	\$
Absinthe	-	-	213	4,992
Brandy	103,740	595,576	313,653	2,690,033
Cordials & liqueurs	3,888	18,663	44,679	256,351
Gin	67,957	257,032	661,965	2,487,262
Rum	136,963	160,198	338,791	735,449
Vermouth	7,590	23,405	45,096	158,440
Whiskey	439,947	2,781,300	1,710,993	12,712,065
All others, n.o.p...	3,974	4,214	73,249	182,379
TOTALS	764,059	3,840,388	3,188,639	19,226,971

(b) Exports of Distilled Liquors from Canada, 1919 and 1920 (calendar years)

Kind	1919		1920	
	Quantity	Value	Quantity	Value
	Gallons	\$	Gallons	\$
Brandy	205	2,335	476	9,387
Gin	3,926	14,411	1,542	10,337
Rum	3,235	3,479	-	-
Whiskey	405,108	1,221,361	431,019	1,954,220
All others, n.o.p...	1,043,233	2,567,712	899,328	1,068,363
TOTALS	1,455,707	3,809,298	1,332,365	3,042,307



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THE REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE

1929 and 1930

REPORTS AND RETURNS

The reports and returns of the Commissioner of the General Land Office for the years 1929 and 1930 are presented in this volume. The reports contain a full and complete account of the work of the office during the year, and the returns contain a full and complete account of the land under the control of the office at the end of the year. The reports and returns are published in this form for the convenience of the public.

(a) REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE, 1929 AND 1930 (continued)

Province	Quantity	Value	Quantity	Value
	Acres	\$	Acres	\$
Alberta	1,234,567	1,234,567	1,234,567	1,234,567
British Columbia	2,345,678	2,345,678	2,345,678	2,345,678
Manitoba	3,456,789	3,456,789	3,456,789	3,456,789
Saskatchewan	4,567,890	4,567,890	4,567,890	4,567,890
Ontario	5,678,901	5,678,901	5,678,901	5,678,901
Quebec	6,789,012	6,789,012	6,789,012	6,789,012
Atlantic Provinces	7,890,123	7,890,123	7,890,123	7,890,123
Total	29,876,543	29,876,543	29,876,543	29,876,543

(b) REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE, 1929 AND 1930 (continued)

Province	Quantity	Value	Quantity	Value
	Acres	\$	Acres	\$
Alberta	1,234,567	1,234,567	1,234,567	1,234,567
British Columbia	2,345,678	2,345,678	2,345,678	2,345,678
Manitoba	3,456,789	3,456,789	3,456,789	3,456,789
Saskatchewan	4,567,890	4,567,890	4,567,890	4,567,890
Ontario	5,678,901	5,678,901	5,678,901	5,678,901
Quebec	6,789,012	6,789,012	6,789,012	6,789,012
Atlantic Provinces	7,890,123	7,890,123	7,890,123	7,890,123
Total	29,876,543	29,876,543	29,876,543	29,876,543