

32-206

Published by Authority of the Hon. James A. MacKINNON, M.P.  
Minister of Trade and Commerce

**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**CENSUS OF INDUSTRY**  
**GENERAL MANUFACTURING STATISTICS**

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**REPORT**  
**ON THE**  
**DISTILLED LIQUOR INDUSTRY**  
**IN**  
**CANADA**  
**1945**



**OTTAWA**  
**1946**

Price 25 cents

14-1360





DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
GENERAL MANUFACTURING STATISTICS  
OTTAWA - CANADA

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THE DISTILLED LIQUOR INDUSTRY IN CANADA, 1945

In 1945 there were eighteen establishments engaged in the production of distilled liquor, seven in Quebec, nine in Ontario and two in British Columbia. These eighteen establishments reported a payroll of 3,839 persons who received \$6,547,838 in salaries and wages, and a value of production of \$60,203,727.

This industry performs three distinct operations, namely, (1) distillation of liquors which are stored away for maturing and which are, therefore, not sold during the current year, (2) distillation of non-potable alcohol, which may be sold during the year that it is produced, and (3) bottling of matured liquors which have been produced in the previous years.

Whiskies and other potable spirits produced during the year 1945 and put in bond for maturing totalled 16,708,576 proof gallons with an inventory value of \$9,865,605, while whiskies and other potable spirits sold during the year either bottled or in bulk totalled 10,105,042 proof gallons valued at \$48,001,549. Other important products were: unmatured alcohol, denatured 7,205,476 proof gallons valued at \$3,760,576 and unmatured alcohol, not denatured 12,057,529 proof gallons valued at \$6,451,855. In order to avoid duplication, however, the prime cost of spirits produced in previous years and bottled or shipped in bulk during 1945, must be deducted from the value of production in order to arrive at the value of new products made by the industry in 1945. Detailed statistics of production are given in Table 2.

The exigencies of war had a profound effect on the operations of this industry. Due to the great demands for industrial alcohol, the production of potable alcohol had to be curtailed, with the result that the quantity of beverage spirits produced during the year and placed in bond for maturing declined from 9,009,874 proof gallons in 1942 to 2,699,050 proof gallons in 1943. On the other hand the output of unmatured alcohol jumped from 9,761,725 proof gallons to 20,325,529 proof gallons. In 1944, the production of unmatured alcohol rose to 26,721,560 proof gallons and that of beverage spirits also rose to 8,502,038 proof gallons, while in 1945 unmatured alcohol dropped to 19,263,005 proof gallons and beverage spirits rose to 16,708,576 proof gallons.

There were also changes in the nature of the materials used for distilling. The use of wheat increased from 319,647,661 pounds in 1943 to 402,535,232 pounds in 1944, but dropped to 360,472,179 pounds in 1945. Wheat flour (alcomeal) jumped from 3,855,803 in 1943, to 77,268,410 pounds in 1944, but dropped to 73,443,114 pounds in 1945. The quantity of molasses used, dropped from 93,895,056 pounds in 1942 to 622,951 pounds in 1943 and 4,658 pounds in 1944, but rose to 4,021,965 pounds in 1945. The quantity of corn used was 22,970,249 pounds in 1943, 15,833,741 pounds in 1944 and 45,191,740 pounds in 1945.

For the consumption of spirituous liquors see the publication "The Sale and Control of Liquors in Canada" published annually.

Detailed statistics of production, materials used, employment, imports and exports, etc. are given in the tables following.



THE DISTILLED LIQUOR INDUSTRY IN CANADA, 1945

Table 1. - Principal Statistics, by Provinces, 1939 to 1945.

Year and Provinces	Estab-lish-ments	Capital Invested	Em-ployees	Salaries and Wages	Cost of Materials Used	Value of Production
	No.	\$	No.	\$	\$	\$
<u>1 9 3 9</u>						
CANADA .....	14	32,149,837	1,801	2,403,666	5,786,624	18,801,003
Ontario .....	7	18,671,485	953	1,363,088	3,620,838	13,232,242
Quebec and British Columbia	7	13,478,352	848	1,040,578	2,165,786	5,568,761
<u>1 9 4 0</u>						
CANADA .....	15	34,725,336	1,889	2,695,483	7,520,472	18,640,545
Ontario .....	7	19,208,052	949	1,455,088	4,889,729	12,677,149
Quebec and British Columbia	8	15,517,284	940	1,240,395	2,630,743	5,963,396
<u>1 9 4 1</u>						
CANADA .....	15	36,905,806	2,094	3,019,771	8,490,536	22,952,439
Ontario .....	7	21,279,097	1,062	1,644,484	5,163,903	15,517,309
Quebec and British Columbia	8	15,626,709	1,032	1,375,287	3,326,633	7,435,130
<u>1 9 4 2</u>						
CANADA .....	16	42,172,467	2,612	3,870,247	11,805,770	32,128,490
Ontario .....	8	23,758,237	1,286	2,090,731	7,068,954	20,618,174
Quebec and British Columbia	8	18,414,230	1,326	1,779,516	4,736,816	11,510,316
<u>1 9 4 3</u>						
CANADA .....	16	46,505,176	2,742	4,331,961	15,038,821	34,146,090
Ontario .....	8	27,510,587	1,309	2,186,631	8,620,827	19,496,598
Quebec and British Columbia	8	18,994,589	1,433	2,145,330	6,417,994	14,649,492
<u>1 9 4 4</u>						
CANADA .....	17	Not	3,180	5,377,040	20,533,253	46,719,558
Ontario .....	9	Collected	1,433	2,520,760	9,523,709	22,339,896
Quebec and British Columbia	8	This Year	1,747	2,856,280	11,009,544	24,379,662
<u>1 9 4 5</u>						
CANADA .....	18	Not	3,839	6,547,838	23,957,216	60,203,727
Ontario .....	9	Collected	1,621	2,832,703	10,677,684	26,114,543
Quebec and British Columbia	9	This Year	2,218	3,715,135	13,279,532	34,089,184

Note: Profits or losses cannot be estimated from Census figures as no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

THE DISTILLED LIQUOR INDUSTRY IN CANADA, 1945

As the industry performs two distinct industrial operations, viz. (a) distillation of spirits which are placed in bond for maturing and which are, therefore, not sold during the current year, as well as the distillation of non-potable alcohol which may be sold during the year in which it is produced; and (b) bottling and blending of matured liquors which have been produced in previous years; it becomes extremely difficult to measure, free of duplication, the value of production, i.e. the new wealth created by the industry each year. Neither of the above sections of the industry when taken individually reflects the true value of production. To arrive at the value of production it has been decided to collect statistics of both the products made as well as the products sold, with an adjustment being made for the sale of products made in previous years, i.e. liquors taken from bond and which were reported in the year of production at inventory values. From the total sales figures, therefore, a deduction is made of the prime cost of all products sold, leaving a net value of sales. To this net value of sales is then added the inventory value of all goods produced, the result is what may be termed a "value of output" for the year. This "value of output" corresponds with the gross value of production in other industries.

The table immediately following represents the compilation on this basis.

Table 2. - Production

		Unit of Measure	1944		1945	
			Quantity	Value	Quantity	Value
PRODUCTS						
(A)	Beverage spirits, produced during the year - Total	pf. gal.	8,502,038	4,925,320	16,708,576	9,865,605
	Whiskey - Scotch type .....	" "	1,975,733	1,145,854	1,962,817	1,203,605
	Rye type .....	" "	2,949,014	1,582,596	5,832,115	3,256,409
	Other types .....	" "	646,779	361,702	2,073,400	1,271,358
	Gin .....	" "	685,226	594,608	1,103,131	1,033,551
	Brandy .....	" " (	26,605	56,350	21,384	40,981
	Rum .....	" " (				
	Other beverage spirits .....	" "	2,218,681	1,184,210	5,715,729	3,069,701
(B)	Other products produced during the year -					
	Alcohol, unmatured -					
	Denatured .....	" "	8,896,616	4,767,514	7,205,476	3,760,576
	Not denatured .....	" "	17,824,944	9,286,007	12,057,529	6,451,855
	Fusel oil .....	Imp.gal.	77,791	36,772	83,589	42,572
	Distillers' grains .....	ton	29,000	714,180	30,338	753,791
	All other products .....	-	-	215,630	-	223,807
TOTAL INVENTORY VALUE OF PRODUCTS MADE DURING THE YEAR				\$ 19,945,423		\$ 21,098,206
SALES						
(C)	Beverage spirits, sold during the year -					
	(either bottled or in bulk) Total ...	pf. gal.	6,347,403	31,615,382	10,105,042	48,001,549
	Whiskey - Scotch type .....	" "	308,034	2,024,616	602,477	3,753,154
	Rye type .....	" "	4,090,678	22,662,846	5,968,541	34,063,403
	Other types .....	" "	363,949	1,624,096	198,218	680,837
	Gin .....	" "	937,934	4,325,530	1,422,305	7,020,308
	Brandy.....	" " (	75,158	431,197	140,907	745,084
	Rum .....	" "				
	Liqueurs, cordials, cocktails .....	" "	12,690	117,215	21,409	230,069
	Other beverage spirits .....	" "	558,960	429,882	1,751,185	1,508,494
(D)	Other products sold during the year -					
	Alcohol, unmatured -					
	Denatured .....	" "	9,021,694	5,585,295	7,134,539	4,275,780
	Not denatured .....	" "	16,023,832	10,151,511	11,644,013	6,826,374
	Fusel Oil .....	Imp.gal.	74,405	39,472	85,054	48,643
	Distillers' grains .....	ton	28,058	703,661	30,670	791,918
	All other products .....	-	-	301,898	-	318,513
TOTAL SELLING VALUE OF PRODUCTS SOLD DURING THE YEAR				\$ 48,397,219		\$ 60,262,777
(Minus) Prime cost of products reported under sections (C) and (D)				\$ 21,623,084		\$ 21,157,256
Net Value of Sales				\$ 26,774,135		\$ 39,105,521
(Plus) Total inventory value of products reported under sections (A) and (B)				\$ 19,945,423		\$ 21,098,206
VALUE OF OUTPUT				\$ 46,719,558		\$ 60,203,727



THE DISTILLED LIQUOR INDUSTRY IN CANADA, 1945

Table 3. - Materials Used

Materials	Unit of Measure	1 9 4 4		1 9 4 5	
		Quantity	Cost Value	Quantity	Cost Value
(A)			\$		\$
Materials used for distilling:					
Corn - Canadian .....	Pound	15,833,741	407,236	18,590,218	473,390
Imported .....	"	-	-	26,601,522	886,264
Rye .....	"	21,419,599	498,293	34,955,306	917,866
Wheat .....	"	402,535,232	8,726,354	360,472,179	7,884,302
Wheat flour (alcomeal) .....	"	77,268,410	2,443,711	73,443,114	2,299,990
Other grains .....	"	-	-	2,213,326	38,459
Malt, Canadian .....	"	61,724,098	1,989,269	64,337,128	2,146,715
Malt, Imported .....	"	-	-	168,000	10,186
Sugar .....	"	79,800	5,593	79,530	5,681
Molasses .....	"	4,658	854	4,021,965	156,258
Water purchased .....	Gallon	787,944,000	115,721	569,105,000	84,451
Yeast .....	Pound	34,165	8,259	42,213	7,686
Hops .....	"	7,741	7,323	9,814	8,786
Denaturants:-					
Wood Alcohol .....	Gallon	260,148	284,845	259,812	278,567
Other .....	-	-	92,953	-	96,740
Cooperage used for maturing.	-	-	355,097	-	360,276
All other materials .....	-	-	236,877	-	258,712
(B)					
Materials used for bottling:-					
Bottles, Canadian .....	-	-	1,274,406	-	1,787,843
Imported .....	-	-	798,875	-	1,276,164
Cases, wooden .....	-	-	239,773	-	220,842
Cases and cartons, other than wooden .....	-	-	236,379	-	272,409
Cooperage used as shipping containers .....	-	-	37,717	-	50,473
Other packaging materials (cans, drums, labels, corks, etc.) .....	-	-	1,200,562	-	1,638,504
(C)					
Matured liquors purchased for bottling, blending, etc.:-					
Whiskeys:					
Scotch type, Canadian .....	Prf. Gal.	37,741	148,241	50,859	193,661
Imported .....	" "	66,417	365,761	105,517	514,689
Rye type, Canadian .....	" "	542,779	477,590	390,230	465,204
Imported .....	" "	9,842	31,678	100,782	393,612
Other types, Canadian .....	" "	76,495	86,795	166,916	117,950
Imported .....	" "	8,419	34,383	180,413	358,264
Other spirits: Canadian .....	" "	253,162	282,349	345,774	362,007
Imported .....	" "	36,892	135,941	80,100	356,469
(D)					
Other Alcohol, unmatured .....	" "	29,743	12,418	83,204	34,796
TOTAL COST OF MATERIALS .....					
		-	20,533,253	-	23,957,216

THE DISTILLED LIQUOR INDUSTRY IN CANADA, 1945

Table 4. - Principal Statistics of the Distilled Liquor Industry,  
Grouped According to the Size of Establishments.

Establishments having a production of;	Number of Establish- ments	Capital Invested \$	Total Number of Employees	Salaries and Wages \$	Cost of Materials Used \$	Value of Production \$
<u>1 9 4 4</u>						
Under \$5,000 .....	-	-	-	-	-	-
\$5,000 - \$25,000 .....	-	-	-	-	-	-
\$25,000 - \$50,000 .....	-	-	-	-	-	-
\$50,000 - \$100,000 .....	-	-	-	-	-	-
\$100,000 - \$500,000 .....	3	Not	77	103,582	401,859	761,987
\$500,000 - \$1,000,000 ...	3	Collected	122	260,494	542,383	2,017,518
\$1,000,000 and over .....	11	this year	2,981	5,012,964	19,589,011	43,940,053
<b>TOTAL .....</b>	<b>17</b>	<b>-</b>	<b>3,180</b>	<b>5,377,040</b>	<b>20,533,253</b>	<b>46,719,558</b>
<u>1 9 4 5</u>						
Under \$5,000 .....	-	-	-	-	-	-
\$5,000 - \$25,000 .....	-	-	-	-	-	-
\$25,000 - \$50,000 .....	-	-	-	-	-	-
\$50,000 - \$100,000 .....	-	-	-	-	-	-
\$100,000 - \$500,000 .....	4	Not	( 201	332,517	901,860	2,503,345
\$500,000 - \$1,000,000 ...	2	Collected	( 3,638	6,215,321	23,055,356	57,700,382
\$1,000,000 and over .....	12	this year				
<b>TOTAL .....</b>	<b>18</b>	<b>-</b>	<b>3,839</b>	<b>6,547,838</b>	<b>23,957,216</b>	<b>60,203,727</b>

THE DISTILLED LIQUOR INDUSTRY IN CANADA, 1945

Table 5. - Capital Employed

Year	Fixed Capital	Working Capital			Total Capital
	Present value of land, buildings, fixtures, machinery, tools, etc.	Inventory value of raw materials, stocks in process, fuel and miscel- laneous supplies on hand	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	
	\$	\$	\$	\$	\$
1931 .....	17,144,322	33,371,651		5,347,037	55,863,010
1932 .....	15,648,875	32,184,970		4,108,939	51,942,784
1933 .....	14,690,714	31,780,601		6,844,969	53,316,284
1934 .....	13,333,790	28,377,854		6,268,986	47,980,630
1935 .....	11,693,530	25,828,296		4,523,225	42,045,051
1936 .....	10,904,879	21,641,681		5,441,044	37,987,604
1937 .....	10,231,736	19,698,410		4,632,930	34,563,076
1938 .....	10,046,108	17,515,953		5,849,927	33,411,988
1939 .....	9,335,654	17,876,162		4,938,021	32,149,837
1940 .....	9,386,979	20,176,363		5,161,994	34,725,336
<u>1 9 4 1</u>					
CANADA .....	9,446,190	4,310,763	16,172,657	6,976,196	36,905,806
Ontario .....	5,284,595	3,515,184	8,203,674	4,275,644	21,279,097
Quebec and British Columbia.	4,161,595	795,579	7,968,983	2,700,552	15,626,709
<u>1 9 4 2</u>					
CANADA .....	9,703,613	6,494,211	17,009,139	8,965,474	42,172,467
Ontario .....	5,142,318	4,973,360	8,655,803	4,986,756	23,758,237
Quebec and British Columbia,	4,561,295	1,520,851	8,353,366	3,978,718	18,414,230
<u>1 9 4 3</u>					
CANADA .....	10,660,747	7,499,629	15,652,930	12,691,870	46,505,176
Ontario .....	5,062,270	5,875,703	7,156,834	9,415,780	27,510,587
Quebec and British Columbia.	5,598,477	1,623,926	8,496,096	3,276,090	18,994,589
<u>1944 &amp; 1945</u>		This information not collected.			



THE DISTILLED LIQUOR INDUSTRY IN CANADA, 1945

Table 6. - Employees, Salaries and Wages

Provinces	Employees on Salaries			Employees on Wages			Total Employees on Salaries and Wages		
	Male	Female	Total	Male	Female	Total	Male	Female	Salaries and Wages
	No.	No.	\$	No.	No.	\$	No.	No.	\$
<u>1944</u>									
CANADA .....	412	207	1,777,390	1,567	994	3,599,650	1,979	1,201	5,377,040
Ontario .....	165	107	761,416	738	423	1,759,344	903	530	2,520,760
Quebec and British Columbia ....	247	100	1,015,974	829	571	1,840,306	1,076	671	2,856,280
<u>1945</u>									
CANADA .....	471	226	1,964,229	1,967	1,175	4,583,609	2,438	1,401	6,547,838
Ontario .....	180	121	840,870	889	431	1,991,833	1,069	552	2,832,703
Quebec and British Columbia ....	291	105	1,123,359	1,078	744	2,591,776	1,369	849	3,715,135

Table 7. - Wage-earners by Months and Sex.

Months	1944		1945	
	Male	Female	Male	Female
	No.	No.	No.	No.
January .....	1,366	965	1,795	1,024
February .....	1,455	916	1,744	1,083
March .....	1,426	881	1,747	1,025
April .....	1,447	886	1,831	1,068
May .....	1,466	851	1,852	1,067
June .....	1,529	965	1,960	958
July .....	1,542	961	1,832	823
August .....	1,613	989	1,974	1,110
September .....	1,616	1,024	2,204	1,482
October .....	1,768	1,191	2,275	1,579
November .....	1,787	1,172	2,177	1,448
December .....	1,792	1,113	2,204	1,430
AVERAGE NUMBER EMPLOYED PER MONTH .	1,567	994	1,967	1,175

THE DISTILLED LIQUOR INDUSTRY IN CANADA, 1945

Table 8. - Number of Wage-earners in Month of Highest Employment, with their Hours of Work per Week and Average Weekly Earnings.

Number of Hours Worked per Week	1 9 4 4		1 9 4 5	
	Male	Female	Male	Female
	No.	No.	No.	No.
30 hours or less .....	126	94	155	159
31 - 43 hours .....	229	567	261	620
44 hours .....	253	243	391	198
45 - 47 hours .....	159	83	167	219
48 hours .....	592	182	566	108
49 - 50 hours .....	81	17	150	97
51 - 54 hours .....	121	8	224	128
55 hours .....	35	16	111	2
56 - 64 hours .....	202	-	221	133
65 hours and over .....	41	-	52	-
AVERAGE HOURS PER WEEK .....	46.6	40.3	46.9	42.4
AVERAGE WEEKLY EARNINGS .....	\$32.20	\$19.69	\$33.55	\$20.36

Table 9. - Power Equipment

Classes of Power	1 9 4 4		1 9 4 5	
	Number of Units	Horse-power Capacity	Number of Units	Horse-power Capacity
Steam engines and turbines -				
In use .....	42	4,353	42	4,243
Idle .....	7	402	6	390
Diesel engines -				
In use .....	-	-	-	-
Idle .....	1	246	1	246
Electric motors operated by purchased power -				
In use .....	1,022	5,866	1,140	6,106
Idle .....	84	807	128	748
TOTAL POWER AVAILABLE FOR MANUFACTURING .....	1,156	11,674	1,317	11,733
Electric motors operated by power generated in the establishment -				
In use .....	155	2,192	153	2,162
Stationery boilers (In use ...	41	10,265	46	12,483
(Idle .....	6	1,293	4	293



THE DISTILLED LIQUOR INDUSTRY IN CANADA, 1945

Table 10. - Fuel Consumption

Kinds of Fuel	Unit of Measure	1 9 4 4		1 9 4 5	
		Quantity	Cost Value	Quantity	Cost Value
			\$		\$
Bituminous coal (Canadian	Ton	11,361	82,438	33,576	291,004
(Imported	"	118,366	957,618	100,785	803,329
Anthracite coal .....	"	3,359	29,156	6,270	54,264
Gasoline x .....	Gallon	30,638	9,758	31,956	9,879
Fuel oil .....	"	2,431,716	152,516	3,102,578	196,675
Gas, manufactured .....	M cu. ft.	531	572	619	674
Other fuel .....	-	-	41,991	-	37,705
TOTAL COST OF FUEL USED..	-	-	1,274,049	-	1,393,530
Electricity purchased (including service charges) .....	Kw. H.	12,879,674	118,373	14,215,836	130,407
TOTAL COST OF FUEL AND ELECTRICITY .....	-	-	1,392,422	-	1,523,937

x Includes gasoline used in cars and trucks.

Table 11. - Imports and Exports of Distilled Liquors

Kinds	1 9 4 4		1 9 4 5	
	Quantity pf. gallons	Value	Quantity pf. gallons	Value
		\$		\$
<u>IMPORTS</u>				
Brandy .....	149,871	409,870	206,934	598,651
Gin of all kinds .....	10,806	58,433	9,937	53,309
Rum .....	295,938	818,560	530,750	1,866,889
Whiskey .....	481,420	3,480,697	782,602	4,350,629
Cordials and liqueurs .....	1,642	19,536	1,927	22,203
<u>EXPORTS</u>				
Gin .....	92,180	446,062	186,971	927,938
Whiskey .....	2,569,112	14,874,488	4,022,027	22,976,871
Potable spirits, n.o.p. ...	22,113	77,456	126,145	412,384

THE DISTILLED LIQUOR INDUSTRY IN CANADA, 1945

List of Distilleries Reporting in 1945.

QUEBEC

Canadian Schenley Limited  
Commercial Alcohols Limited  
Distillers Corporation Limited  
Meagher Brothers & Company Limited  
Melchers Distilleries Limited  
Montreal Products Company Limited  
Montmorency Distillery, Inc.,

36 De Salaberry Street, Valleyfield  
3176 Notre Dame Street East, Montreal  
Ville LaSalle  
1161 Britannia Street, Montreal.  
Berthierville  
1410 Montmorency Street, Montreal  
30, 1st Avenue, Beaupre.

ONTARIO

Calvert Distillers (Canada) Limited  
Canadian Industries Alcohol Co. Limited  
W. & A. Gilbey, Limited  
Gooderham & Worts Limited  
L. J. McGuinness & Co. Limited  
The Ontario Paper Co. Limited  
Joseph E. Seagram & Sons, Limited  
United Distillers, Limited  
Hiram Walker & Sons, Limited

Amherstburg  
Corbyville  
120 - 18th Street, New Toronto  
2 Trinity Street, Toronto  
Mimico  
Thorold  
Waterloo  
Grimsby  
Walkerville

BRITISH COLUMBIA

The British Columbia Distillery Co. Ltd.,  
United Distillers Limited

105 Braid Street, New Westminster  
8900 Shaughnessy Street, Vancouver





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