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DEPARTMENT OF TRADE AND COMMERCE
1928. OCT 25 1928
DOMINION BUREAU OF STATISTICS

CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY

REPORT
on the
BREWING INDUSTRY
in
CANADA
1928

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OTTAWA

1929

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THE STATE OF TEXAS,
 COUNTY OF [illegible]
 I, [illegible], County Clerk,
 do hereby certify that the within and
 foregoing is a true and correct copy
 of the original as the same appears
 from the records of the County Clerk's
 office.

IN WITNESS WHEREOF, I have hereunto
 set my hand and the seal of said
 County at the City of [illegible],
 this [illegible] day of [illegible],
 19[illegible].

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

OTTAWA, CANADA.

Dominion Statistician: R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Census of Industry: J.C. Macpherson.

THE BREWING INDUSTRY IN CANADA, 1928.

Ottawa, October, 1929.- The annual report of the Brewing Industry in Canada for the calendar year 1928 is presented herewith. The number of plants operating during the year was 78, an increase of 5 over the previous year. The location of the plants by provinces was as follows:- Ontario 36, British Columbia 10, Quebec 8, Manitoba 8, Alberta 5, Saskatchewan 7, New Brunswick 2 and Nova Scotia 2. The statistics for the last named are combined under the head of Maritime Provinces throughout the tables of this report to prevent disclosure of information relating to individual plants.

PRINCIPAL STATISTICS

A comparative summary of the principal statistics of the industry in the Dominion is presented in Table 1 for the calendar years 1927 and 1928. A column showing the increase or decrease in the various items of the table has been added.

Table 1. Principal Statistics Compared 1927 and 1928.

Principal Statistics	Unit	1928	1927	Increase over 1927
Establishments reporting	No.	78	73	+ 5
Capital invested	\$	67,148,686	62,358,117	+ 4,790,569
Employees on salaries-				
Males	No.	835	755	+ 80
Females	No.	118	100	+ 18
Salaries	\$	2,295,187	1,996,084	+ 299,103
Employees on wages-				
Males	No.	4,014	3,763	+ 251
Females	No.	36	44	- 8
Wages	\$	4,785,574	4,440,636	+ 344,938
Cost of fuel and electricity	\$	825,988	804,111	+ 21,877
Power installed-				
Units	No.	1,626	1,509	+ 117
Capacity	H.P.	38,344	19,977	+ 18,367
Cost of materials	\$	20,737,486	17,471,299	+ 3,266,187
Gross Value of Products	\$	60,910,398	51,528,024	+ 9,382,374
Net Value of Products	\$	40,172,912	34,056,725	+ 6,116,187

Size of Establishments

In view of the tendency towards concentration in industrial enterprises, a series of tables has been prepared presenting it in a threefold way the size of establishments in the brewing industry measured by (a) capital investment, (b) gross value of production and (c) the number of persons employed, all within certain specified groups or limitations for the calendar years 1927 and 1928. The tables further indicate the movement of capital, production and employment within the industry.

In 1928 the number of establishments reporting was 78 with a total capital investment of \$67,148,686, - a gross value of production of \$60,910,398 and a total employment of 5,003. Nineteen establishments had a capital investment of \$44,237,088 or 65.9 per cent of the total capital investment and an average investment of \$2,433,531 per factory. In gross value of production 16 factories had a total production of \$41,839,696 or 68.7 per cent of the total output, with an average production of \$2,614,981 per establishment. In employment 13 establishments had 2,799 persons on the payroll or 55.9 per cent of the total employment with an average employment of 215.3 per establishment.

In 1927 the number of establishments reporting was 73 with a total capitalization of \$62,358,117, - a gross value of production of \$51,528,024 and a total employment of 4,662. Nineteen establishments had a total capital investment of \$43,341,562 or 69.5 per cent of the total capitalization with an average investment of \$2,281,135 per establishment. Fourteen establishments had a gross value of production of \$34,657,786 or 67.2 per cent of the total output with an average production of \$2,475,556 per establishment. In employment 12 establishments had 2,575 persons on the payroll, - an average of 2,147 persons per establishment and 55.2 per cent of the total employment.

Capital

Groups of Values	1927			1928		
	Estab-lish-ments	Total Capital	Average Capital per es-tablish-ments	Estab-lish-ments	Total Capital	Average Capital per es-tablish-ments
Under \$50,000	(8	250,852	31,356	6	262,291	43,715)
\$50,000 to under \$100,000	(-	-	-	-	-	-)
\$100,000 to under \$200,000	11	1,663,903	151,264	10	1,480,057	148,005
\$200,000 to under \$500,000	21	7,617,352	362,731	23	8,239,251	358,228
\$500,000 to under \$1,000,000	14	9,484,448	677,460	20	12,929,999	646,500
\$1,000,000 and over	19	43,341,562	2,281,135	19	44,237,088	2,433,531
T o t a l	73	62,358,117	854,221	78	67,148,686	860,881

Production

Groups of Values	1927			1928		
	Estab-lish-ments	Total Value of Production	Average Value	Estab-lish-ments	Total Value of Production	Average Value
Under \$50,000	8	228,564	28,570	5	122,063	24,413
\$50,000 to under \$100,000	8	560,742	70,093	6	468,653	78,109
\$100,000 to under \$200,000	13	1,855,340	142,719	19	2,722,602	143,295
\$200,000 to under \$500,000	19	6,898,347	363,071	17	5,498,109	323,418
\$500,000 to under \$1,000,000	11	7,327,245	666,113	15	10,259,275	683,952
\$1,000,000 and over	14	34,657,786	2,475,556	16	41,839,696	2,614,981
T o t a l	73	51,528,024	705,863	78	60,910,398	780,902

Employees

Groups of Employees	1927			1928		
	Estab-lish-ments	Total Employees	Average Employees	Estab-lish-ments	Total Employees	Average Employees
Under 20	17	175	10	14	139	10
20 to under 50	32	1,026	32	38	1,173	31
50 but under 100	12	886	74	13	892	69
100 but under 200	6	811	135	7	992	141
200 but under 500	(-	-	-	-	-	-)
500 and over	(6	1,764	294	6	1,807	301)
T o t a l	73	4,662	64	78	5,003	64

THE BREWING INDUSTRY IN CANADA, 1928.

Comparative Statistics

Production.- The quantity and value of full strength beer, ale, porter, etc. produced in Canada is shown comparatively in the summary table following for the calendar years 1917 to 1928. It will be noted that the volume of production of beer, etc. in barrels reached its maximum in 1921 with an output of 19,272,847 gallons, and also in value stated at \$9,537,971. Bottled ale, beer, etc. reached the maximum both in quantity and value of production in 1928, the total gallonage rising from upwards of fifteen million gallons in 1917 to 43,424,464 gallons in 1928 and the value from \$8,895,315 to \$46,341,782.

Year	Beer, ale, etc. - In barrels		Beer, ale, etc. - In bottles	
	Quantity Gal.	Value \$	Quantity Gal.	Value \$
1917	11,162,445	4,594,956	15,740,107	8,895,315
1918	15,898,217	6,610,033	12,111,976	8,304,678
1919	18,267,628	7,046,684	16,622,905	12,076,153
1920	16,543,528	8,361,563	21,822,540	20,227,059
1921	19,272,847	9,337,971	22,028,580	20,275,495
1922	13,106,429	6,057,733	22,500,303	19,169,207
1923	12,483,585	6,280,820	21,224,317	18,392,491
1924	15,842,673	7,935,019	23,581,379	21,914,222
1925	14,338,793	8,246,285	30,153,075	27,115,207
1926	15,568,668	8,449,714	30,781,445	32,342,698
1927	15,231,340	10,899,630	38,744,841	38,764,966
1928	17,686,655	12,635,117	43,424,464	46,341,782

Imports and Exports.- The quantity and value of full strength beer, ale, porter, etc. imported into Canada, and exported from Canada is shown comparatively for the calendar years 1917 to 1928 in the table following. Imports of beer, ale and porter attained the maximum in quantity and value in 1928 when 248,001 gallons were imported, 82.5 per cent of which came from the United Kingdom, Japan being next with over 16 per cent. It is however in the exportation of Canadian products that increases are most marked, the quantity exported rising from 189,990 gallons in 1917 to 4,239,085 gallons in 1926, whilst the value correspondingly rose from \$104,273 in 1917 to \$5,552,769 in 1926. In the year under review however there were small decreases from the preceding years both in quantity and value of export, the former amounting to 173,871 gallons and the latter to \$333,642. Over 99 per cent of the total exports in 1928 had their destination in the United States.

Year	Imports		Exports	
	Quantity Gal.	Value \$	Quantity Gal.	Value \$
1917	107,635	88,726	189,990	104,273
1918	35,242	33,785	230,336	178,023
1919	29,354	42,428	241,994	157,150
1920	65,364	120,453	756,381	859,364
1921	52,785	124,038	398,090	654,034
1922	52,088	116,288	1,356,523	2,593,765
1923	96,399	214,675	2,951,785	5,000,815
1924	88,156	176,266	3,194,080	5,044,011
1925	140,495	288,724	3,714,736	5,088,414
1926	148,398	320,460	4,239,085	5,552,769
1927	223,025	410,150	3,916,163	5,481,707
1928	248,001	507,887	3,742,292	5,148,065

THE BREWING INDUSTRY IN CANADA, 1928.

Production Statistics

The quantity and the selling value at the brewery of the principal products of this industry are shown for Canada and the provinces in Table 2. Full strength beer, ale, etc., in barrels increased over the 1927 production by 2,455,315 gallons, for all Canada whilst bottled full strength beer, ale, etc. increased by 4,679,623 gallons. The value of beer, ale, etc., of full strength whether in barrels or bottles increased over 1927 by \$9,312,303. In Beer, ale, etc., under full strength (2.5 and 4.4) there was in all Canada a further decrease of 280,571 gallons and of \$231,248 in value. The province of Ontario alone shows a decrease of 257,488 gallons and of \$209,925 in value, whilst the other provinces also show a decrease in value.

The average selling price of the bottled full strength product in 1928 was \$1.068 per gallon, and of the draft 71.5 cents per gallon, whilst that under full strength averaged at \$1.044 cents per gallon in bottles and 72.2 cents for draft. Of the total quantity produced in 1928 the province of Quebec supplied 47.16 per cent, Ontario 27.17 per cent, Alberta 9.75 per cent, British Columbia 6.10 per cent, Manitoba 5.64 per cent, Saskatchewan 3.64 per cent and the Maritime provinces (New Brunswick and Nova Scotia).54 per cent.

Table 2. Production in Breweries for Canada and the Provinces, 1928.

Products	Unit	CANADA		MARITIME PROVINCES		QUEBEC		ONTARIO	
		Quantity	Value \$	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$
Beer, ale, etc. in barrels (full strength)	Gal.	17,686,655	12,635,117	19,000	15,606	6,473,920	2,906,556	3,597,362	3,207,847
Beer, ale, etc. in bottles (full strength)	"	43,424,464	46,341,782	300,650	529,437	22,653,112	18,374,923	12,561,253	15,229,305
Beer, ale, etc. in barrels (under full strength)	"	213,417	154,194	-	-	-	-	206,515	145,512
Beer, ale, etc. in bottles (under full strength)	"	441,859	461,053	11,885	14,976	-	-	417,015	432,740
Malt flour and malt extract (value only)	-	-	46,965	-	-	-	-	-	46,965
Grains sold, wet or dry (value only)	-	-	381,039	-	3,413	-	261,407	-	64,253
Aerated waters (value only)	-	-	821,858	-	-	-	-	-	509,231
All other products (value only)	-	-	68,390	-	-	-	-	-	6,578
TOTAL VALUE	-	-	60,910,398	-	563,432	-	21,542,866	0	19,742,431
		MANITOBA		SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA	
Beer, ale, etc. in barrels (full strength)	Gal.	1,209,291	1,075,002	42,023	10,506	4,419,532	3,905,065	1,925,427	1,414,535
Beer, ale, etc. in bottles (full strength)	"	2,549,841	3,588,299	2,208,487	3,512,129	1,598,395	2,775,099	1,552,726	2,332,590
Beer, ale, etc. in barrels (under full strength)	"	3,669	3,509	-	-	-	-	3,233	5,173
Beer, ale, etc. in bottles (under full strength)	"	8,420	6,960	-	-	4,539	6,377	-	-
Malt, flour and malt extract (value only)	-	-	-	-	-	-	-	-	-
Grains sold, wet or dry (value only)	-	-	13,520	-	5,528	-	17,006	-	15,912
Aerated waters (value only)	-	-	197,952	-	3,372	-	86,681	-	24,622
All other products (value only)	-	-	58,626	-	66	-	-	-	3,120
TOTAL VALUE	-	-	4,943,868	-	3,531,601	-	6,790,228	-	3,795,952

THE BREWING INDUSTRY IN CANADA, 1928.

Capital Investment

The amount of capital invested in the brewing industry in 1928 was \$67,148,686, of which fixed capital represented by land, buildings, machinery and tools totalled \$45,175,250 and working capital including materials, stocks and supplies on hand, cash, trading and operating accounts, etc. \$21,973,436. The increase in capital over the preceding year was \$4,790,569, of which \$3,749,129 was fixed capital and \$1,041,440 was working capital.

The per cent distribution of total capital investment by provinces according to rank was as follows:- Ontario 35.8, Quebec 30.21, Alberta 12.2, Manitoba 8.5, British Columbia 6.7, Saskatchewan 4.9, and the Maritime Provinces 1.7

Table 3.- Capital Invested in the Brewing Industry by Provinces, 1928

Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, machinery and tools	Materials on hand, Stocks in process, Fuel and miscellaneous supplies	Cash, trading and operating accounts, and bills receivable	
	\$	\$	\$	\$
CANADA	45,175,250	9,273,399	12,700,037	67,148,686
Maritime Provinces	853,688	100,164	193,747	1,147,599
Quebec	14,091,940	2,653,444	3,549,097	20,294,481
Ontario	16,003,185	4,325,707	3,726,507	24,055,399
Manitoba	3,137,694	602,433	1,932,503	5,672,630
Saskatchewan	2,447,206	387,976	499,424	3,334,606
Alberta	5,576,593	743,303	1,848,188	8,168,084
British Columbia	3,064,944	460,372	950,571	4,475,887

Employment Statistics

Statistics of employment are presented in the following series of tables. Table 4 shows the average employment during the year by number, sex and remuneration, Table 5 shows the number of wage-earners by months according to sex with totals and averages, and Table 6 the operating time of plants and employees during the year.

The number of salaried employees and the amount paid in salaries both show increases over 1927, in employment by 98 and in salary payments of \$299,103. Wage-earners also increased by 243 and by \$344,938 in the amount paid for wages. The averages of salaries and wages were higher in 1928 than in 1927, the increase in average salary irrespective of sex being \$74 and the average wage \$15.16.

Employment increased in Ontario by 204, in Quebec by 43, in Saskatchewan by 96, in Manitoba by 34, and in British Columbia by 14, whilst Alberta and the Maritime Provinces show decreases respectively of 43 and 7. The net increase in employment in the Dominion was, therefore, 341.

THE BREWING INDUSTRY IN CANADA, 1928.

Employment Statistics (Cont'd.)

Table 4. Employees by number, sex and remuneration, 1928.

Provinces	Employees on Salaries			Employees on Wages			Totals		
	Male	Female	Salaries	Male	Female	Wages	Male	Female	Salaries and Wages
	No.	No.	\$	No.	No.	\$	No.	No.	\$
CANADA	835	118	2,295,187	4,014	36	4,785,574	4,849	154	7,080,761
Maritime Provinces	16	-	63,900	66	4	65,324	82	4	129,224
Quebec	201	20	522,828	1,443	14	1,603,203	1,644	34	2,126,031
Ontario	345	74	982,011	1,444	7	1,710,413	1,739	81	2,692,424
Manitoba	107	7	291,556	452	9	549,474	559	16	841,030
Saskatchewan	44	3	102,529	169	-	175,250	213	3	277,779
Alberta	81	11	203,582	223	2	347,566	304	13	551,148
British Columbia	41	3	128,781	217	-	334,344	258	3	463,125

The number of wage-earners employed in the industry for the whole of Canada during 1928 is shown by months and sex in Table 5. The month of highest employment was August when there were on the payroll 4,441 persons, whilst the month of minimum employment was February with 3,580 on the payroll, the average for the year being 4,050 of whom 4,014 were males and 36 were females. The average monthly employment is the sum of the averages of individual plants divided by the number in operation, and not the total at employment divided by 12.

Table 5. Employment of Wage-earners by Months and Sex 1928.

Months	Males No.	Females No.	Months	Males No.	Females No.
January	3,569	34	July	4,362	35
February	3,546	34	August	4,408	33
March	3,589	31	September	4,172	38
April	3,852	31	October	3,948	33
May	4,036	35	November	3,355	33
June	4,106	31	December	3,808	34
Total employment				47,251	402
Average monthly employment				4,014	36

The operating time of plants and employees is shown in Table 6. The operating time of plants is presented under three heads:- full time, part time and idle, whilst that of employees is shown by the day and the week.

Table 6. Operating Time of Plants and Employees, 1928.

Number of plants in operation during year -		78	
	Totals	Averages	
Days in operation on full time	20,465	262.37	
Days in operation on part time	1,762	22.59	
Days idle	1,485	19.04	
Hours worked per day or shift per employees	690	8.85	
Hours worked per week by employees	3,980	51.03	

THE BREWING INDUSTRY IN CANADA, 1928

Table 7 presents statistics of wage-earning employees in month of highest employment working specified hours per day for Canada and the provinces with percentages of persons working at each specified daily rate. From the table following it will be noted that the prevailing daily rate was that of the groups of wage-earners working 9 and 10 hours per day, the percentages being 33.87 and 41.40. The next in order was the 8 hour group with 19.32 per cent whilst the groups working more than 10 hours aggregated 5.41 per cent.

Table 7. Hours worked per day by wage-earners in month of highest employment for Canada and the provinces, 1928.

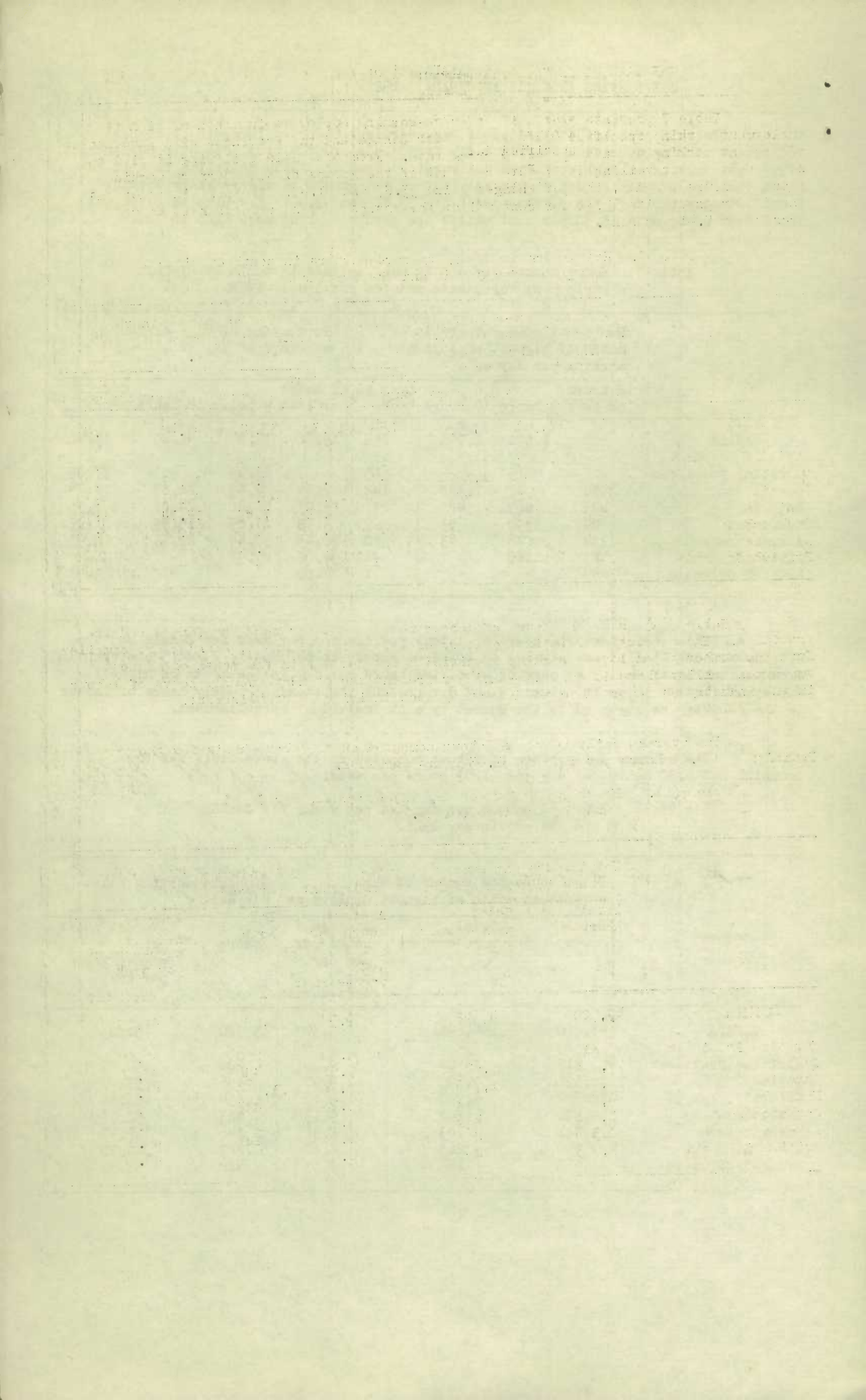
	Number of wage-earners in month of highest employment working per day of -				Percentage of wage-earners working per day of -			
	8 hours or less	9 hours	10 hours	Over 10 hours	8 hours or less	9 hours	10 hours	Over 10 hours
CANADA	908	1,591	1,945	254	19.32	33.87	41.40	5.41
Maritime Provinces	-	73	-	15	-	82.95	-	17.05
Quebec	38	47	1,398	142	2.34	2.89	86.03	8.74
Ontario	443	825	425	77	25.03	46.61	24.01	4.35
Manitoba	24	390	79	9	4.78	77.69	15.74	1.79
Saskatchewan	74	76	43	10	36.45	37.44	21.18	4.93
Alberta	85	180	-	-	32.08	67.92	-	-
British Columbia	244	-	-	1	99.59	-	-	.41

Table 7(a) shows the hours of labour per day and per week for Canada and the provinces. The statistics relating to hours of labour in columns 1, 2 and 3 are compiled from the number of employees working specified hours per day in the month of highest employment whilst those in columns 4 and 5 represent the standard weekly hours of labour in the industry as reported to the Bureau by each individual establishment.

The average daily hours of labour computed on the above basis for the Dominion was 9.30 hours per day and 51.03 hours per week.

Table 7(a). Hours of Labour per day and per week, for Canada and the provinces, 1928.

	Total hours and number of wage-earners in month of highest employment			Standard working hours per week	
	Total hours	Total wage-earners	Average hours per day per wage-earner	Total hours	Average hours per wage-earner per week
CANADA	43,700	4,698	9.30	3,980	51.03
Maritime Provinces	815	88	9.26	200	50.00
Quebec	16,198	1,625	9.97	456	57.00
Ontario	16,027	1,770	9.06	1,854	51.50
Manitoba	4,586	502	9.13	423	52.87
Saskatchewan	1,811	203	8.92	346	49.43
Alberta	2,300	265	8.68	221	44.20
British Columbia	1,963	245	8.01	480	48.00



THE BREWING INDUSTRY IN CANADA, 1928.

Materials Used

The quantity and the cost value delivered at the works of all materials used during 1928 including freight and duty is shown by provinces in Table 8. A comparison of the cost of various items of materials used in 1927 with the present year shows an increase in the cost of materials used in the Dominion during 1928 amounting to \$3,266,187, chiefly due to an increase in the number of plants reporting.

Table 8. Cost of Materials used in 1928.

	Unit	CANADA		MARITIME PROVINCES		QUEBEC		ONTARIO	
		Quantity	Cost Value \$	Quantity	Cost Value \$	Quantity	Cost Value \$	Quantity	Cost Value \$
Barley for malting	Bush.	165	302	-	-	-	-	165	302
Malt purchased including duty:									
(a) Canadian malt	Pound	115,894,501	7,409,992	1,067,120	71,239	67,940,660	4,413,114	15,060,127	965,037
(b) Foreign malt	"	30,134,034	1,961,820	3,495	217	108,000	7,839	26,207,131	1,694,603
Hops	"	3,109,692	1,134,590	31,763	11,760	1,654,959	510,319	882,515	365,978
Water purchased	M.gal.	1,363,031	206,061	16,106	2,674	493,521	87,331	513,653	63,709
Anhydrous ammonia	Pound	99,250	20,174	1,466	299	28,182	5,182	33,186	6,783
Carbon dioxide(carbonic acid gas)	"	1,235,762	78,903	9,327	883	709,273	29,098	344,166	29,848
Calcium chloride	"	130,853	3,145	-	-	14,032	282	47,045	931
Common salt	"	459,599	4,339	950	19	154,729	1,554	82,760	482
Cooperage (barrels, all sizes)	-	-	442,884	-	1,735	-	87,796	-	255,661
Cartons	-	-	1,515,371	-	10,819	-	227,452	-	973,709
Bottles, purchased	-	-	5,926,056	-	118,563	-	981,538	-	2,759,593
Labels	-	-	436,574	-	2,024	-	79,757	-	249,802
Other supplies(crowns,corks,bungs,etc.)	-	-	1,597,275	-	18,274	-	342,664	-	565,524
TOTAL COST	-	-	20,737,486	-	238,506	-	6,773,926	-	7,931,962
Materials		MANITOBA		SASKATCHEWAN		ALBERTA		BRITISH COLUMBIA	
Barley for malting	Bush.	-	-	-	-	-	-	-	-
Malt purchased including duty:									
(a) Canadian malt	Pound	8,488,680	493,717	4,348,078	268,392	11,555,336	705,582	7,434,500	492,911
(b) Foreign malt	"	661,570	40,862	1,161,536	79,618	872,620	56,028	1,119,682	82,653
Hops	"	159,449	66,116	73,420	38,535	173,993	79,854	133,593	62,028
Water purchased	M.gal.	123,859	21,805	85,194	10,561	82,926	9,814	47,772	10,167
Anhydrous ammonia	Pound	16,276	3,159	7,607	1,987	7,513	1,491	5,020	1,273
Carbon dioxide (carbonic acid gas)	"	138,046	14,018	27,250	4,306	600	105	7,100	645
Calcium chloride	"	23,660	672	25,625	884	741	26	19,750	350
Common salt	"	12,830	96	40,980	471	3,000	45	164,350	1,672
Cooperage(barrels, all sizes)	-	-	20,010	-	11,100	-	32,023	-	34,559
Cartons	-	-	98,802	-	120,786	-	83,803	-	-
Bottles purchased	-	-	408,057	-	674,923	-	435,682	-	547,700
Labels	-	-	24,109	-	21,351	-	23,782	-	35,749
Other supplies(crowns,corks,bungs,etc.)	-	-	188,448	-	207,623	-	107,688	-	167,054
TOTAL COST	-	-	1,379,871	-	1,440,537	-	1,535,923	-	1,436,761

THE BREWING INDUSTRY IN CANADA, 1928.

Fuel and Electricity

The quantity and cost value at the works of the various classes of fuel and of electricity consumed by the industry during 1928 is shown in Table 9. The total cost of fuel and electricity purchased which in 1927 amounted to \$804,111 had risen in 1928 to \$825,988. Coal was the principal fuel being nearly 93 per cent of the total cost of all fuel. The cost of electricity used rose from \$198,350 in 1927 to \$231,272 in 1928, or an increased consumption of 16.6 per cent.

Table 9. - Fuel Consumption by Classes, 1928.

Kind of fuel	Unit	Quantity	Cost Value \$
Bituminous Coal, Canadian	Ton	57,634	333,453
Bituminous Coal, Imported	Ton	25,068	151,226
Anthracite Coal	Ton	1,273	8,897
Lignite Coal	Ton	15,192	58,351
Coke	Ton	11	116
Gasoline	Gal.	27,142	6,723
Fuel Oil	Gal.	59,400	4,462
Wood	Cord	1,274	5,241
Gas, manufactured	M.C.ft.	653	724
Gas, natural	M.C.ft.	95,084	20,373
All other fuel	-	-	5,150
Electricity purchased	K.W.H.	-	231,272
Total Cost of Fuel	-	-	825,988

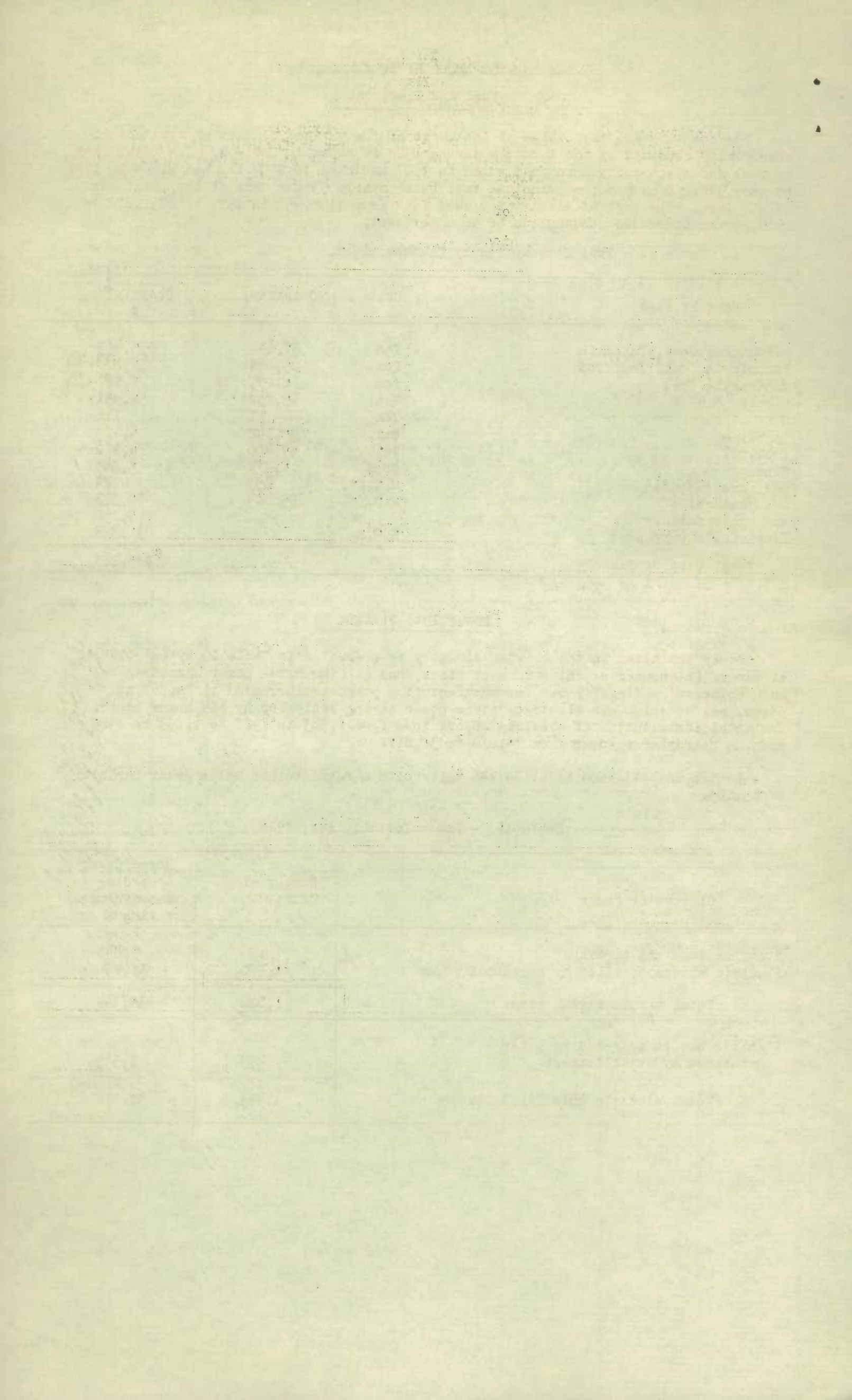
Power Installation

Power installed in the brewing industry is presented in Table 10 by (a) classes of power, (b) number of units in each class, and (c) the horse power according to manufacturers' rating. Power for manufacturing purposes increased by 18,367 horse power, all of which was electric, steam power having decreased by 154 horse power. The total installation of electric motors rose from 1,563 in 1927 to 1,753 in 1928, and the rated horse power from 14,070 to 32,811.

Boiler installation totalled 146 units with a rated boiler horse power capacity of 19,103.

Table 10. - Power Installation, 1928.

Classes of Power	Number of Units	Horse power according to manufacturers' rating
Steam engines and turbines	126	7,048
Electric motors operated by purchased power	1,500	31,296
Total manufacturing power	1,626	38,344
Electric motors operated by power generated by establishment	253	1,515
Total electric motor installation	1,753	32,811



THE BREWING INDUSTRY IN CANADA, 1928

IMPORTS, EXPORTS AND CONSUMPTION

Imports.- Table 11 shows the quantity and value of beer, ale, porter, etc. imported into Canada during the calendar year 1928 by countries. There was an increased importation of malt liquors in 1928 of 24,976 gallons and in value of \$97,737, over 82 per cent of which came from the United Kingdom.

Table 11. Imports of Beer, Ale, Porter, etc., 1928.

Articles Imported by Countries	Unit	Quantity	Value \$
Ale, Beer and Porter	Gal.	248,001	507,887
From United Kingdom	"	204,508	413,886
" Japan	"	40,079	92,382
" Other Countries	"	3,414	1,619

Exports.- The quantity and value of Ale, Beer and Porter, the produce of Canada, exported is shown by countries in Table 12 for the calendar year 1928. Exports show a decrease of 173,871 gallons in quantity and in value of \$333,642. Over 99 per cent of the quantity exported had its destination in the United States.

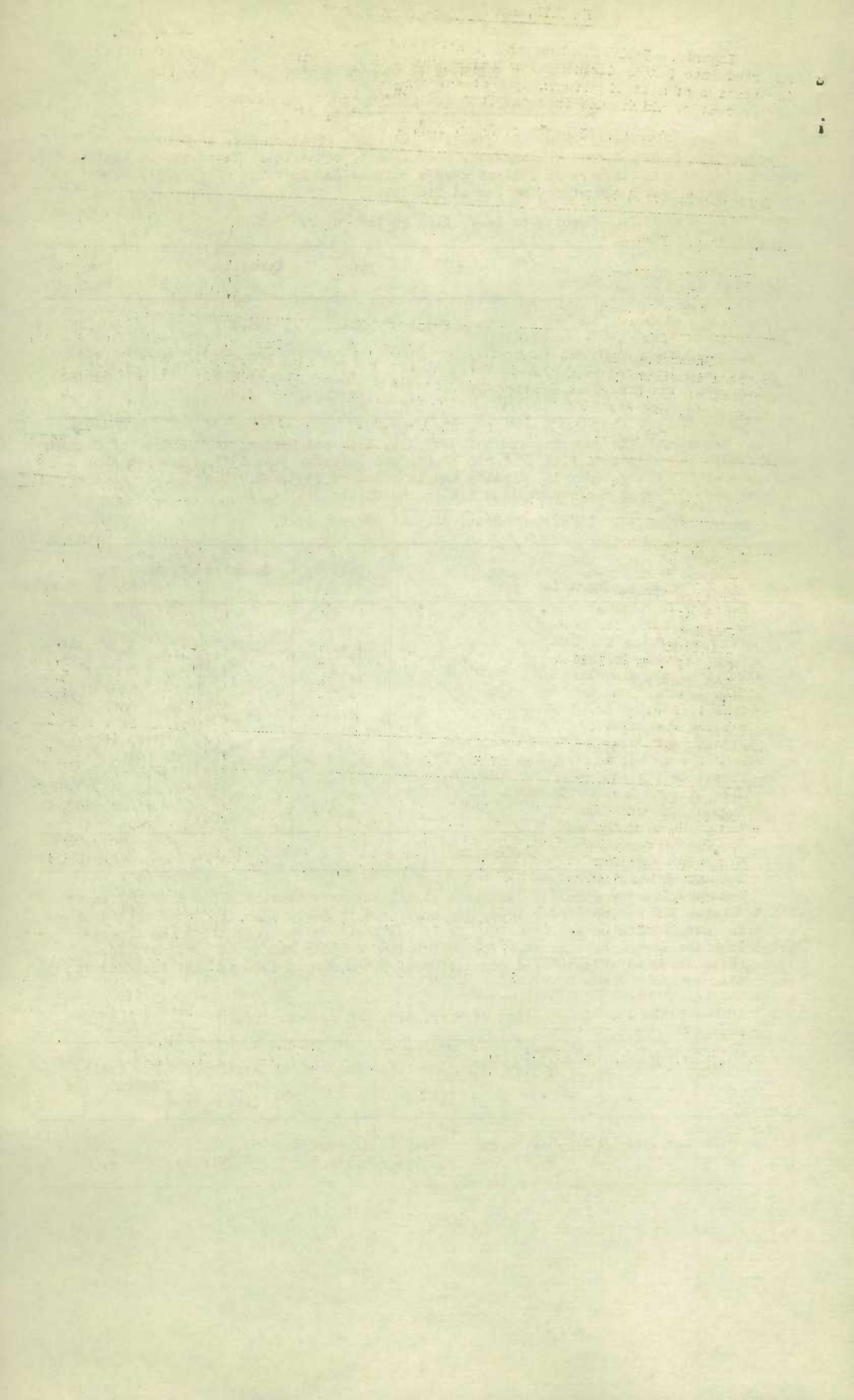
Table 12. Exports of Beer, Ale and Porter, 1928.

Articles Exported by Countries	Unit	Quantity	Value \$
Ale, Beer, Porter	Gal.	3,722,335	5,127,145
United States	"	2,754	1,287
Fernuda	"	1,800	2,299
British Honduras	"	501	104
Barbados	"	405	532
Jamaica	"	-	-
Trinidad	"	1,446	1,957
Other Br. West Indies	"	5,213	5,365
China	"	4,951	5,502
Hong Kong	"	1,800	2,542
Newfoundland	"	1,087	1,262
Other Countries	"		
Total value of Exports		3,742,292	5,148,065

Consumption. - The quantity and value of malt liquors available for consumption in Canada during the calendar year 1928, are presented in Table 13. The usual method of computing consumption of any commodity is to add together the production and imports and deduct therefrom the exports. The per capita quantity and value available for consumption based on an estimated population of 9,658,000 in 1928 is also included in the table.

Table 13. Consumption of Beer, Ale, and Porter, 1928.

	Production	Imports	Exports	Available for Consumption	Per capita Consumption
Ale, Beer, Porter, etc. Gal.	61,766,395	248,001	3,742,292	58,272,104	6.03
\$	59,592,146	507,887	5,148,065	54,951,968	5.69



THE BREWING INDUSTRY IN CANADA, 1928.

BREWERIES
CANADA, 1928.

Maritime Provinces -

Alex. Keith & Son (Nova Scotia Brewery)
Oland and Son, Limited.
Oland Brewery, Ltd.
Ready's Beverages Ltd.

Halifax, N.S.
Halifax, N.S.
St. John, N.B.
Fairville, N.B.

Quebec -

Frontenac Breweries Ltd.
Molson's Brewery Ltd.
National Breweries Ltd. (Dawes)
National Breweries Ltd. (Dow)
National Breweries Ltd. (Ekers)
La Brasserie Champlain Limitee
National Breweries Ltd. (Boswell)
Silver Spring Brewery Co. Ltd.

Montreal, Que.
Montreal, Que.
Montreal, Que.
Montreal, Que.
Montreal, Que.
Quebec, Que.
Quebec, Que.
Sherbrooke, Que.

Ontario--

Quinte Breweries Limited
Bixel Brewing & Malting Co. Ltd.
Chas. Schwan (Lion Brewery)
Formosa Spring Brewery Limited
Fort Francis Brewing Co. Ltd.
Kakabeka Falls Brewing Co. Ltd.
Sleemans Spring Bank Brewery Co. Ltd.
Grant's Spring Brewery Co. Ltd.
Hamilton Brewing Association Ltd.
Kenora Brewing Co. Ltd.
Huether Brewing Co. Ltd.
Hofer Brewing Co. Ltd.
Carling Breweries Limited
John Labatt, Limited
Capital Brewing Co. Ltd.
Brading Breweries Ltd.
Port Arthur Beverage Co. Ltd.
Rock Brewery Limited
Riverside Brewery Co. Ltd.
Lake Ontario Brewing Co. Ltd.
Taylor and Bate Limited
Sarnia Brewing Co. Ltd.
Soo Falls Brewing Co. Ltd.
Perth Brewery, Daniel Devlin
Sudbury Brewing & Malting Co. Ltd.
Tecumseh Brewing Co. Limited
Canada Bud Breweries, Ltd.
Copland Brewing Ltd.
Cosgrave Export Brewery Co. of Toronto, Ltd.
Dominion Brewery Co. Ltd.
O'Keefe's Beverages Limited
Reinhardt Brewery Co. Ltd.
Walkerville Brewing Co. Ltd.
Kuntz Brewery Limited
Cronmiller & White Brewing & Malting Co. Ltd.
British American Brewing Co. Ltd.

Belleville, Ont.
Brantford, Ont.
Carlsruhe, Ont.
Formosa, Ont.
Fort Francis, Ont.
Fort William, Ont.
Guelph, Ont.
Hamilton, Ont.
Hamilton, Ont.
Kenora, Ont.
Kitchener, Ont.
La Salle, Ont.
London, Ont.
London, Ont.
Ottawa, Ont.
Ottawa, Ont.
Port Arthur, Ont.
Preston, Ont.
Riverside, Ont.
Portsmouth, Ont.
St. Catharines, Ont.
Sarnia, Ont.
Sault Ste. Marie, Ont.
Stratford, Ont.
Sudbury, Ont.
Tecumseh, Ont.
Toronto, Ont.
Toronto, Ont.
Toronto, Ont.
Toronto, Ont.
Toronto, Ont.
Toronto, Ont.
Walkerville, Ont.
Waterloo, Ont.
Welland, Ont.
Windsor, Ont.

THE BREWING INDUSTRY IN CANADA, 1928

BREWERIES - Cont'd.

CANADA - 1928.

Manitoba -

Empire Brewing Co. Ltd.	Brandon, Man.
Premier Brewing Co. Ltd.	Brandon, Man.
Kiewel Brewing Co. Ltd.	St. Boniface, Man.
Drewrys Limited	Winnipeg, Man.
Macpherson Brewing Limited	Winnipeg, Man.
Pelissier's Limited	Winnipeg, Man.
Riedle Brewery Ltd.	Winnipeg, Man.
Shea's Winnipeg Brewery Ltd.	Winnipeg, Man.

Saskatchewan -

Souris Breweries Ltd.	Estevan, Sask.
Moose Jaw Brewing Co. Ltd.	Moose Jaw, Sask.
Prince Albert Breweries Ltd.	Prince Albert, Sask.
Adanac Brewing Co. Limited	Regina, Sask.
Regina Brewing Co. Ltd.	Regina, Sask.
Hub City Brewing Co. Ltd.	Saskatoon, Sask.
Saskatoon Brewing Co. Ltd.	Saskatoon, Sask.

Alberta -

Calgary Brewing & Malting Co. Ltd.	East Calgary, Alta.
Big Horn Brewing Co. Ltd.	Calgary, Alta.
New Edmonton Breweries Limited	Edmonton, Alta.
North West Brewing Co. Ltd.	Edmonton, Alta.
Lethbridge Breweries Ltd.	Lethbridge, Alta.

British Columbia-

Cranbrook Brewing Co. Ltd.	Cranbrook, B.C.
Fernie-Fort Steele Brewing Co. Ltd.	Fernie, B.C.
Kootenay Breweries Ltd.	Nelson, B.C.
Westminster Brewery Ltd.	New Westminster, B.C.
Princeton Brewing Co. Ltd.	Princeton, B.C.
Enterprise Brewing Co.	Revelstoke, B.C.
Kootenay Breweries Limited	Trail, British Columbia.
Vancouver Breweries Ltd.	Vancouver, B.C.
Silver Spring Brewery Ltd.	Victoria, B.C.
Victoria Phoenix Brewing Co. Ltd.	Victoria, B.C..

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