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THE BREWING INDUSTRY

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PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries in the **Foods, Beverages and Tobacco** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

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32-218	Fruit and Vegetables Preparations Industry50		32-225	Tobacco and Tobacco Products Industries50	

Note: In addition, several special statements are available. These include Monthly Meat Products, Monthly Stocks of Canned Foods, Monthly Production of Alfalfa Meal, Quarterly Bread and Bakery Products, 20 Seasonal Commodity Reports of Canned Fruits and Vegetables including Irish Potatoes.

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information Services Division, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.

EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies

for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

THE BREWING INDUSTRY

1958

The brewing industry in 1958 had a selling value of factory shipments (including duties and taxes) amounting to \$366,624,633. Sales tax and other excise taxes and duties paid to the Dominion and Provincial governments totalled \$134,271,145, leaving a selling value less taxes of \$232,353,488. Beer, ale, stout and porter were the main items of production with a total of 219,848,237 gallons valued at \$361,609,941 compared with 224,782,975 gallons valued at \$364,993,057 in 1957. Other products manufactured were carbonated beverages \$2,289,177, wet and dried grain \$1,324,236 and yeast \$215,574. For detailed statistics of shipments, see Tables 2 and 3.

The number of establishments engaged in the production of malt liquors totalled 55, located by provinces, as follows: Newfoundland 3, Nova Scotia 2, New Brunswick 2, Quebec 5, Ontario 18, Manitoba 6, Saskatchewan 5, Alberta 6, and British Columbia 8. These plants furnished employment to 8,148 persons who were paid \$37,708,857 salaries and wages. They spent \$55,655,573 for materials and the value of factory shipments, less taxes and duties, amounted to \$232,353,488.

Compared with the previous year there was an increase of \$1,237,127 in the selling value of factory shipments. The output of beer, ale, stout and porter decreased by 4,934,738 gallons and the selling value decreased by \$3,383,116. The number of employees decreased by 265 but the amount paid in salaries and wages was \$705,711 more than the amount paid in 1957.

Malt is the principal material used by the industry, the consumption in 1958 totalling 378,375,908 pounds valued at \$20,217,399. Hops, another important ingredient for the production of beer, totalled 3,397,653 pounds with a value of \$2,654,905, while cartons, cans, crowns, corks, labels, etc., used during the year had a value of \$22,823,268. In addition to the expenditure of \$55,655,573 for all consumable materials, \$7,785,088 was also spent for new bottles, cases, barrels and kegs. For details of materials used see Table 6.

Since 1954, statistics have been collected on opening and closing inventory values at each plant. A compilation of this information is shown in Table 5.

The tables following give detailed statistics of shipments, inventories, materials used, employment, imports and exports.

In Table 1, showing principal statistics of the industry, in the column headed "Value added by manufacture" the figures are obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1954 and 1955, the value of production was obtained by adding the difference between closing and opening inventory values of "finished goods" to the value of factory shipments, but since 1955 the difference in opening and closing inventory values of "goods in process" was also added. The following data will illustrate the procedure:

Year	Selling value of factory shipments	Change in inventory	Value of production	Cost of materials	Cost of fuel and electricity	Value added by manufacture
thousands of dollars						
1951 ¹ .....	..	-	161,159	45,906	2,512	112,741
1952 .....	..	-	178,769	49,713	2,590	126,465
1953 .....	..	-	200,886	51,482	2,598	146,806
1954	198,390	- 313	198,077	47,590	2,651	147,836
1955	210,572	- 793	209,779	48,678	2,730	158,371
1956	215,897	+1,229	217,126	53,047	3,049	161,031
1957	231,116	+1,356	232,473	59,230	3,252	169,991
1958	232,353	-1,133	231,221	55,656	3,182	172,383

¹ Previous years computed as in 1951.

.. Not available.

TABLE 1. Principal Statistics of the Brewing Industry, 1929-58

Provinces	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments ²
	number		dollars				
1929.....	78	4,839	7,134,256	834,475	19,135,208	42,291,238	62,260,921
1933.....	74	4,156	5,309,527	641,982	9,398,599	20,900,314	30,940,895
1935.....	73	4,460	6,155,642	708,038	15,024,625	24,966,377	40,699,040
1936.....	70	4,604	6,517,804	711,163	15,540,509	27,796,122	44,047,794
1938.....	65	5,379	8,343,279	766,530	17,140,219	24,472,104	42,378,853
1939.....	61	5,345	8,451,402	750,154	16,488,207	26,394,981	43,633,342
1940.....	61	5,520	9,004,800	952,045	24,876,452	24,783,421	50,611,918
1941.....	61	5,932	10,512,805	1,106,447	34,343,935	27,835,011	63,285,393
1942 ³	61	6,868	12,911,103	1,328,166	17,341,712	55,354,723	74,024,601
1943.....	61	6,613	12,852,096	1,246,925	15,918,326	52,493,557	69,658,808
1944.....	61	7,125	14,188,533	1,351,455	18,021,526	63,118,812	82,491,793
1945.....	60	7,593	15,323,200	1,427,031	20,493,465	71,952,408	93,872,904
1946.....	61	8,644	17,743,749	1,612,598	23,416,499	84,270,490	109,299,587
1947.....	61	9,378	21,067,092	1,874,998	25,871,001	86,800,811	114,546,810
1948 ⁴	61	8,407	21,252,568	2,160,726	34,995,002	89,783,408	126,939,136
1949 ⁵	64	8,652	23,461,437	2,334,261	37,939,869	102,125,599	142,399,729
1950.....	63	8,311	23,888,605	2,318,098	42,018,271	105,073,118	149,409,487
1951.....	63	8,449	27,489,309	2,511,866	45,905,901	112,741,266	161,159,033
1952.....	61	8,163	30,143,552	2,589,905	49,713,488	126,465,413	178,768,806
1953.....	61	8,383	31,737,897	2,597,740	51,482,008	146,805,908	200,885,656
1954.....	62	8,541	33,422,844	2,650,996	47,590,063	147,835,626	198,390,169 ²
1955.....	58	8,368	34,387,685	2,730,387	48,677,904	158,370,826	210,571,853
1956							
Canada.....	59	8,724	36,770,347	3,048,700	53,046,993	161,030,802	215,897,007
Atlantic provinces.....	7	584	1,922,542	255,335	3,096,761	9,308,535	12,621,330
Quebec.....	5	2,669	11,365,588	852,166	15,944,804	47,322,916	62,067,744
Ontario.....	21	3,342	14,933,441	1,164,267	22,369,678	62,808,904	86,719,253
Manitoba.....	6	598	2,482,849	184,155	2,269,158	9,228,241	11,617,482
Saskatchewan.....	5	345	1,402,380	155,299	2,036,931	7,304,965	9,576,313
Alberta.....	6	547	2,065,007	167,211	3,285,162	11,880,754	15,449,414
British Columbia.....	9	639	2,598,540	270,267	4,044,499	13,176,487	17,845,474
1957							
Canada.....	57	6,413	37,003,146	3,252,200	59,229,700	169,990,773	231,116,361
Atlantic provinces.....	7	590	2,059,432	282,950	3,267,931	8,793,680	12,324,050
Quebec.....	5	2,518	11,036,337	931,398	18,349,394	41,452,290	60,646,983
Ontario.....	18	3,063	14,575,682	1,169,835	24,148,561	75,487,245	100,025,492
Manitoba.....	6	658	2,756,707	196,185	2,683,476	9,817,615	12,709,063
Saskatchewan.....	5	348	1,506,281	169,808	2,282,301	7,786,997	10,149,714
Alberta.....	6	555	2,276,754	180,203	4,055,458	11,972,362	16,100,808
British Columbia.....	10	681	2,791,953	321,821	4,442,579	14,680,584	19,160,251
1958							
Canada.....	55	8,148	37,708,857	3,181,897	55,655,573	172,383,258	232,353,488
Atlantic provinces.....	7	544	2,011,439	258,110	3,461,274	9,952,620	13,692,032
Quebec.....	5	2,553	11,655,644	893,581	16,370,819	44,811,045	62,132,264
Ontario.....	18	2,798	14,071,473	1,123,599	21,817,722	70,161,885	94,152,129
Manitoba.....	6	637	2,912,338	197,481	2,802,281	10,289,904	13,354,251
Saskatchewan.....	5	357	1,621,392	155,315	2,598,993	8,047,313	10,724,498
Alberta.....	6	563	2,410,055	189,763	4,227,901	13,693,003	18,100,268
British Columbia.....	8	696	3,026,516	364,048	4,376,583	15,427,488	20,198,046

¹ See paragraph 7 of text.² Value of production prior to 1954 (less duties and taxes).³ Since 1941 the taxes and duties on "malt" and "hops" have not been included in the cost of materials. This raises the "Value added by manufacture" by the amount of duty paid on malt and hops.⁴ Since 1948 employees engaged in transportation and delivery are not included. These employees were paid \$3,912,159 in 1957 and \$4,101,772 in 1958.⁵ Newfoundland included since 1949.

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.

TABLE 2. Shipments of the Brewing Industry, Canada, 1953-58

	1953		1954		1955		
	Quantity	Value of factory shipments ¹	Quantity	Value of factory shipments ¹	Quantity	Value of factory shipments ¹	
		\$		\$		\$	
Beer, ale, stout and porter - Total	gal.	206,908,214	324,203,939	200,459,309	317,725,745	211,101,903	331,117,100
Bottled and canned	"	156,714,531	266,802,904	153,931,683	263,326,073	160,536,005	273,263,187
Draught	"	50,193,683	57,401,035	46,527,626	54,399,672	50,565,898	57,853,913
Grains, dried for sale	ton	19,622	918,309	22,817	1,015,095	18,400	790,640
Grains, sold wet	"	104,418	378,857	95,189	352,643	121,188	524,539
Carbonated beverages (soft drinks)	gal.	2,282,435	1,709,094	2,114,897	1,519,192	2,141,866	1,568,799
Yeast, made for sale	lb.	1,565,140	150,497	1,591,176	157,874	1,594,484	161,682
All other products and by-products ²		-	620,882	-	696,921	-	705,383
Total		-	327,981,578	-	321,467,470	-	334,868,143
Taxes and duties paid on materials and products		-	127,095,922	-	123,077,301	-	124,296,290
Total (less taxes)		-	200,885,656	-	198,390,169	-	210,571,853
		1956		1957		1958	
		Quantity	Value of factory shipments ¹	Quantity	Value of factory shipments ¹	Quantity	Value of factory shipments ¹
			\$		\$		\$
Beer, ale, stout and porter - Total	gal.	214,978,831	339,473,859	224,782,975	364,993,057	219,848,237	361,609,941
Bottled and canned	"	166,379,043	283,783,113	176,632,853	308,321,483	173,450,263	307,729,125
Draught	"	48,599,788	55,690,746	48,150,122	56,671,574	46,397,974	53,880,816
Grains, dried for sale	ton	22,929	915,201	25,491	998,516	34,398	1,029,966
Grains, sold wet	"	132,108	397,745	131,987	359,411	87,234	294,270
Carbonated beverages (soft drinks)	gal.	2,212,352	1,934,738	2,436,615	2,269,320	2,289,086	2,289,177
Yeast made for sale	lb.	1,745,198	175,907	1,784,550	188,511	2,119,588	215,574
All other products and by-products ²		-	730,131	-	781,544	-	1,185,705
Total		-	343,628,081	-	369,590,359	-	366,624,633
Taxes and duties paid on materials and products		-	127,731,074	-	138,473,998	-	134,271,145
Total (less taxes)		-	215,897,007	-	231,116,361	-	232,353,488

¹ Taxes and duties are included in selling values.² Mostly the sale of scrap cartons, etc. which amounted to \$1,176,424 in 1958.

TABLE 3. Shipments of the Brewing Industry, by Provinces, 1958

Products	Canada		Atlantic provinces		Quebec		
	Quantity	Value of factory shipments	Quantity	Value of factory shipments	Quantity	Value of factory shipments	
		\$		\$		\$	
Beer, ale, stout and porter - Total	gal.	219,848,237	361,609,941	9,265,428	18,554,584	71,699,531	104,944,931
In small bottles	"	139,981,680	257,263,440	4,961,879	12,361,245	41,078,698	58,953,559
In large bottles	"	32,482,671	48,722,504	3,532,495	5,000,396	26,711,263	40,962,936
In cans	"	985,912	1,743,181	379,354	741,753	456,491	838,508
Draught and bulk	"	46,397,974	53,880,816	391,700	451,190	3,453,079	4,189,928
Carbonated beverages (soft drinks)	"	2,289,086	2,289,177	-	-	-	-
Grains, dried	ton	34,398	1,029,966	4,739	46,668	25,002	712,907
Grains, sold wet	"	87,234	294,270				
Yeast sold	lb.	2,119,588	215,574	2	2	2	2
All other products		-	1,185,705	-	29,985	-	582,692
Total		-	366,624,633	-	18,631,237	-	106,240,530
Taxes and duties paid, total¹			134,271,145		4,939,205		44,108,266
Sales taxes			25,025,379		1,348,772		7,075,964
Excise duty, ongallonage basis (replacing malt tax)			85,099,251		3,577,077		25,684,463
Gallonage tax, other			21,191,502		-		8,741,271
Brewers' licence fees and permits			240,780		8,914		13,227
Other taxes			2,714,233		4,442		2,593,341
Total (less taxes)			232,353,488		13,692,032		62,132,264
			Ontario	Manitoba	Saskatchewan		
Beer, ale, stout and porter - Total	gal.	81,811,010	146,375,476	11,549,976	20,393,153	9,324,180	15,526,638
In small bottles	"	61,280,941	122,740,109	8,202,558	16,017,050	5,955,113	11,700,122
In large bottles	"	2,238,913	2,759,172	-	-	-	-
In cans	"	150,067	162,920	-	-	-	-
Draught and bulk	"	18,141,089	20,713,275	3,347,420	4,376,103	3,369,067	3,826,516
Carbonated beverages (soft drinks)	"	1,156,989	1,159,866	2	2	-	-
Grains, dried	ton	15,032	264,519	7,432	32,375	-	-
Grains, sold wet	"	39,287	120,774			1,000	3,400
Yeast sold		2	2	2	2	-	-
All other products		-	669,235	-	316,630	-	19,478
Total		-	148,589,870	-	20,742,158	-	15,549,615
Taxes and duties paid, total¹			54,437,741		7,387,907		4,825,117
Sales taxes			9,474,046		1,491,537		1,214,458
Excise duty, ongallonage basis (replacing malt tax)			33,790,033		4,350,946		3,607,940
Gallonage tax, other			11,023,611		1,425,720		-
Brewers' licence fees and permits			139,054		14,782		2,719
Other taxes			10,997		104,922		-
Total (less taxes)			94,152,129		13,354,251		10,724,498
			Alberta	British Columbia			
			Quantity	Value of factory shipments	Quantity	Value of factory shipments	
				\$		\$	
Beer, ale stout and porter - Total	gal.	16,493,324	25,682,200	19,704,786	30,132,959		
In small bottles	"	8,526,746	16,440,997	9,975,745	19,050,358		
In large bottles	"	-	-	-	-		
In cans	"	-	-	-	-		
Draught and bulk	gal.	7,966,578	9,241,203	9,729,041	11,082,601		
Carbonated beverages (soft drinks)	"	2	2	2	2		
Grains, dried	ton	12,088	80,127	17,052	63,367		
Grains, sold wet	"						
Yeast sold	lb.	2	2	2	2		
All other products		-	880,458	-	32,112		
Total		-	26,642,785	-	30,228,438		
Taxes and duties paid, total¹			8,542,517		10,030,392		
Sales taxes			2,057,857		2,362,745		
Excise duty, ongallonage basis (replacing malt tax)			6,472,860		7,615,932		
Gallonage tax, other			900		-		
Brewers' licence fees and permits			10,369		51,315		
Other taxes			531		-		
Total (less taxes)			16,100,268		20,198,046		

¹ These taxes and duties are deducted from the total value of factory shipments.² Included under "All other products" as there are fewer than three establishments reporting.

TABLE 4. The Following Statement Shows the Inventories, Production and Sales of Beer, Ale, Stout and Porter, for the Years 1957 and 1958 for Canada and the Provinces

	On hand beginning of year ¹	Produced during the year	Sold during the year (not including inter-company transfers)	Wastage, shrinkage, etc.	On hand end of year
	gallons				
1957					
Canada	27,575,034	239,647,550	224,782,975	13,575,683	28,863,726
Atlantic provinces	964,590	9,970,897	9,344,164	680,708	910,615
Quebec	8,758,759	78,637,899	74,095,305	4,817,009	8,484,344
Ontario	12,605,878	93,414,435	87,439,526	4,937,874	13,642,913
Manitoba	1,312,944	11,623,194	10,963,769	439,268	1,533,101
Saskatchewan	907,157	9,376,360	8,915,139	396,478	971,900
Alberta	1,161,261	16,274,675	15,114,026	1,033,208	1,288,702
British Columbia	1,864,445	20,350,090	18,911,046	1,271,338	2,032,151
1958					
Canada	28,637,364	231,297,046	219,848,237	12,252,214	27,833,959
Atlantic provinces	910,614	9,857,679	9,265,428	583,320	919,545
Quebec	8,484,344	76,276,519	71,699,531	4,635,364	8,425,968
Ontario	12,957,865	84,664,132	81,811,010	3,849,379	11,961,608
Manitoba	1,533,101	11,850,109	11,549,978	430,278	1,402,954
Saskatchewan	971,900	9,875,630	9,324,180	443,790	1,079,560
Alberta	1,288,702	17,854,770	16,493,324	1,198,083	1,452,065
British Columbia	2,490,838	20,918,207	19,704,786	1,112,000	2,592,259

¹ The differences in the quantities reported on hand at the beginning of the year and those reported at the end of the previous year are due to the receipt of revised data.

TABLE 5. Inventories, 1958

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total value ¹
	dollars			
Opening²				
Canada	11,971,846	19,519,677	7,792,893	30,284,416
Atlantic provinces	827,030	343,347	367,431	1,537,808
Quebec	3,333,443	4,187,603	1,167,056	8,688,102
Ontario	5,598,871	3,882,747	4,233,348	13,714,966
Manitoba	432,828	275,941	572,052	1,280,821
Saskatchewan	330,996	537,519	195,492	1,064,007
Alberta	522,028	547,718	279,795	1,349,541
British Columbia	926,650	744,602	977,719	2,649,171
Closing				
Canada	11,918,816	10,612,019	6,567,791	29,098,626
Atlantic provinces	808,378	372,216	318,534	1,499,128
Quebec	3,446,656	4,116,880	1,180,960	8,744,496
Ontario	5,379,585	3,834,068	3,233,104	12,446,757
Manitoba	374,435	254,859	528,549	1,157,843
Saskatchewan	344,632	642,346	167,788	1,154,766
Alberta	612,609	533,607	304,305	1,450,521
British Columbia	952,521	858,043	834,551	2,645,115

¹ Book value of all manufacturing inventories held at plants and plant warehouses.

² When "Opening" inventory figures differ from 1957 "Closing" figures this is due to receipt of revised data.

TABLE 6. Materials Used in the Brewing Industry, 1957 and 1958

	1957		1958	
	Quantity	Cost value	Quantity	Cost value
		\$		\$
Materials used in brewing				
Barley malt:				
Canadian	lb.	403,316,529	21,948,691	378,375,908
Imported		—	—	20,217,399
Rice malt	lb.	254,800	19,134	28,575
Other malt	"	70,080	5,568	38,590
Rice, including rice flakes and rice grits	"	19,724,313	1,438,014	18,509,300
Corn, including corn flakes and corn grits	"	11,387,611	720,130	18,073,306
Other grains (soybean flakes, wheat grits, etc.)	"	4,977,307	386,491	3,301,847
Hops:				
Canadian	"	1,699,425	1,204,373	1,392,413
Imported	"	1,961,402	1,422,466	2,005,240
Hop extracts	"	647	8,082	612
Miscellaneous brewing ingredients		—	—	—
Filtering agents	lb.	—	1,286,547	4,337,472
Cleaning materials (caustic soda, soda ash, sulphuric acid, etc.)	"	9,905,974	665,637	7,887,719
Water purchased	M gals.	3,536,942	664,858	3,327,613
Materials used for refrigeration	lb.	85,490	20,950	430,123
All other materials used in brewing		—	158,611	—
Containers and other packaging materials and supplies:				
Cans	doz.	766,367	377,319	1,162,038
Other non-returnable containers	"	3,749,303	1,247,236	1,123,809
Cartons		—	15,127,081	—
Crowns		—	4,866,510	—
Corks, bungs and labels		—	—	—
All other packaging supplies		—	3,793,749	—
Operating, maintenance and repair supplies		—	3,403,646	—
Materials used in production of carbonated beverages				
Carbonic acid gas	lb.	141,145	16,980	84,410
Syrups, fruit juices, concentrates, extracts, etc.	gal.	16,330	187,435	16,746
Sugar	lb.	2,402,593	260,192	2,409,244
Cleaning materials		1	1	—
Packaging supplies (cartons, crowns, labels, etc.)		1	1	—
Other materials and supplies		1	1	—
Total cost of materials used		—	59,229,700	—
Returnable containers purchased during the year:				
New bottles for malt beverages:				
Small	doz.	10,205,373	4,338,484	11,317,253
Large	"	357,384	248,218	14,019
Cases for malt beverages	No.	1,896,582	640,906	3,263,294
New barrels and kegs:				
Metal	"	14,558	526,272	47,620
Wooden		—	—	—
New bottles for soft drinks	doz.	217,777	182,250	257,820
Wooden cases for soft drinks	No.	4,228	3,224	33,070

¹ Separate figures not collected.

TABLE 7. Employees and their Earnings, by Provinces, 1957 and 1958

	Supervisory and office employees			Production workers (monthly averages)			Total employees and total earnings		
	Male	Female	Salaries	Male	Female	Total wages	Male	Female	Salaries and wages
	number		\$	number		\$	number		\$
1957									
Canada	1,484	462	10,960,953	6,427	40	26,042,193	7,911	502	37,003,146
Atlantic provinces	82	33	631,383	457	18	1,428,049	539	51	2,059,432
Quebec	402	140	3,076,191	1,967	9	7,960,146	2,369	149	11,036,337
Ontario	664	212	5,136,645	2,185	2	9,439,037	2,849	214	14,575,682
Manitoba	117	31	700,542	507	3	2,056,165	624	34	2,756,707
Saskatchewan	42	6	284,501	300	—	1,221,780	342	6	1,506,281
Alberta	85	19	569,206	451	—	1,707,548	536	19	2,276,754
British Columbia	92	21	562,485	560	8	2,229,468	652	29	2,791,953
1958									
Canada	1,445	467	11,434,301	6,186	50	26,274,556	7,631	517	37,708,857
Atlantic provinces	82	29	647,153	419	14	1,364,286	501	43	2,011,439
Quebec	412	148	3,322,463	1,984	9	8,333,181	2,396	157	11,655,644
Ontario	629	219	5,299,191	1,935	15	8,772,282	2,564	234	14,071,473
Manitoba	110	28	765,860	496	3	2,146,478	606	31	2,912,336
Saskatchewan	42	6	284,210	308	1	1,337,182	350	7	1,621,392
Alberta	88	20	613,859	455	—	1,796,196	543	20	2,410,055
British Columbia	82	17	501,565	589	8	2,524,951	671	25	3,026,516

TABLE 8. Production Workers, by Months, 1957 and 1958

Months	1957			1958		
	Male	Female	Total	Male	Female	Total
	number					
January	5,722	39	5,761	5,846	55	5,901
February	5,768	38	5,806	5,914	54	5,968
March	6,102	43	6,145	5,979	55	6,034
April	6,225	33	6,258	6,215	53	6,268
May	6,716	43	6,759	6,537	54	6,591
June	7,041	41	7,082	6,668	53	6,721
July	7,141	40	7,181	6,961	53	7,014
August	6,814	41	6,855	5,332	39	5,371
September	6,426	40	6,466	6,289	54	6,343
October	6,249	39	6,288	6,001	45	6,046
November	6,367	40	6,407	6,253	43	6,296
December	6,565	39	6,604	6,192	46	6,238
Monthly average	6,427	40	6,467	6,166	50	6,236

TABLE 9. Imports and Exports of Ale, Beer, Porter, etc., 1940-58

	Imports		Exports	
	Quantity	Value	Quantity	Value
	gals.	\$	gals.	\$
1940	96,921	136,177	240,666	218,773
1941	89,170	119,329	3,507,234	3,379,070
1942	80,957	111,998	7,520,351	6,746,199
1943	67,070	101,814	5,351,153	5,102,346
1944	79,223	123,900	6,070,301	5,598,817
1945	31,039	36,756	5,339,479	4,970,526
1946	12,327	12,309	4,252,182	4,502,164
1947	32,399	52,010	4,372,665	4,670,876
1948	97,640	157,720	1,713,902	1,750,168
1949	105,489	210,267	1,405,199	1,607,952
1950	125,774	163,697	1,554,726	1,669,153
1951	197,653	245,634	2,023,974	2,222,475
1952	201,699	253,753	1,805,010	2,134,700
1953	215,696	274,300	2,183,358	2,897,269
1954	224,943	285,780	2,352,547	3,281,971
1955	237,469	300,243	2,598,123	3,560,958
1956	238,908	307,219	2,608,631	3,585,882
1957	341,956	423,928	2,926,999	4,052,544
1958	356,445	477,430	2,965,982	4,088,151

TABLE 10. Principal Statistics of the Brewing Industry Grouped According to the Size of Establishments, 1957 and 1958

Establishments having a production of	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	number			dollars		
1957						
Under \$200,000	4	41	137,748	32,377	122,764	386,153
\$200,000 to under \$500,000	4	88	359,739	55,766	398,393	1,635,663
\$500,000 " " \$1,000,000	8	378	1,469,599	180,058	1,528,981	5,959,753
\$1,000,000 " " \$5,000,000	29	2,885	11,837,063	1,157,527	17,066,516	71,085,538
\$5,000,000 and over	12	5,021	23,198,997	1,826,472	40,113,046	152,049,254
Total	57	8,413	37,003,146	3,252,200	59,229,700	231,116,361
1958						
Under \$200,000	1	74	269,194	43,279	409,687	1,297,903
\$200,000 to under \$500,000	3					
\$500,000 " " \$1,000,000	8	316	1,284,614	172,580	1,358,530	5,173,266
\$1,000,000 " " \$5,000,000	29	2,717	11,889,000	1,136,133	15,798,000	66,610,132
\$5,000,000 and over	14	5,041	24,266,049	1,829,905	38,089,356	159,272,187
Total	55	8,148	37,708,857	3,181,897	55,655,573	232,353,488

TABLE 11. Principal Statistics Classified by Number of Employees per Establishment, 1958

Employment groups	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	number			dollars		
5 to 14 employees	2	325	1,343,807	204,823	1,784,967	6,512,500
15 " 49 "	9					
50 " 99 "	21	1,380	5,743,557	612,543	8,216,922	34,020,596
100 " 199 "	12	1,822	8,319,565	724,956	13,225,512	55,939,764
200 " 499 "	8	2,096	9,564,526	728,072	16,147,648	68,412,622
500 " 999 "	2	2,525	12,737,402	911,503	16,280,524	67,467,980
1,000 " 1,499 "	1					
Total	55	8,148	37,708,857	3,181,897	55,655,573	232,353,488

TABLE 12. Consumption of Fuel and Electricity, 1957 and 1958

Kind	1957		1958		
	Quantity	Cost value at factory	Quantity	Cost value at factory	
		\$		\$	
Bituminous coal (a) From Canadian mines	ton	4,552	64,448	4,245	48,823
(b) Imported	"	39,893	478,285	36,188	446,239
Sub-bituminous coal (from Alberta mines only)	"	180	1,488	2,010	14,924
Anthracite coal		—	—	—	—
Lignite coal	ton	8,914	54,340	6,782	43,725
Gasoline	imp. gal.	1,195,804	412,181	1,128,221	441,792
Fuel oil including Kerosene or coal oil	"	9,369,347	979,378	8,914,623	834,732
Gas (a) Liquefied petroleum (propane, etc.)	imp. gal.	11,550	5,560	10,309	5,457
(b) Other manufactured	M cu. ft.	486	946	—	—
(c) Natural	"	372,949	87,491	418,256	102,624
Other fuel		—	12,588	—	11,137
Electricity purchased	kwh.	156,679,456	1,155,495	167,702,284	1,232,446
Total cost of fuel and electricity		—	3,252,200	—	3,181,897

TABLE 13. Estimated Capital and Repair Expenditures in the Brewing Industry, 1948-58
(Figures prepared in the Business Finance Division)

Year	Capital expenditures			Repair expenditures			Capital and repair expenditures		
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Total
thousands of dollars									
1948	6,895	9,089	15,984	1,423	2,764	4,187	8,318	11,853	20,171
1949	6,093	6,292	12,385	1,377	2,461	3,838	7,470	8,753	16,223
1950	5,333	6,788	12,121	1,086	2,141	3,227	6,419	8,929	15,348
1951	5,006	6,117	11,123	1,171	2,185	3,356	6,177	8,302	14,479
1952	5,405	5,763	11,168	1,409	2,300	3,709	6,814	8,063	14,877
1953	4,300	8,809	13,109	1,497	2,549	4,046	5,797	11,358	17,155
1954	10,467	9,431	19,898	1,854	2,657	4,511	12,321	12,088	24,409
1955	8,888	8,813	17,701	1,696	2,994	4,690	10,584	11,807	22,391
1956	4,941	7,021	11,962	1,005	3,176	4,181	5,946	10,197	16,143
1957	4,024	9,186	13,210	1,361	4,248	5,609	5,385	13,434	18,819
1958 ¹	3,994	4,993	8,987	1,106	3,910	5,016	5,100	8,903	14,003

¹ Preliminary.

TABLE 14. Power Equipment Available for Use¹

Type of equipment	1953	1958	
		Driving generators	Not driving generators
horsepower			
A. Prime movers:			
Steam engines	1,938	115	1,143
Steam turbines	230	77	—
Diesel engines	905	—	—
Gasoline, gas and oil engines, other than diesel engines	76	100	1,074
Hydraulic turbines or water wheels	—	—	—
Total	3,149	292	2,217
B. Electric motors (one-quarter horsepower and over)	43,337	—	53,455

¹ Not collected 1954 to 1957.

List of Breweries Reporting in 1958

Name	Address
Atlantic provinces:	
Bavarian Brewing Limited	Leslie St., St. John's, Newfoundland
The Bennett Brewing Co., Limited	Sudbury St., St. John's, Newfoundland
Newfoundland Brewery Limited	55 Belvedere St., St. John's, Newfoundland
A. Keith & Son Limited	112 Lower Water St., Halifax, N.S.
Oland & Son Limited	297 Agricola St., Halifax, N.S.
Olands Brewery Limited	2-14 Carmarthen St., Saint John, N.B.
Moosehead Breweries Limited	89-119 Main St., Lancaster, N.B.
Quebec:	
The Carling Breweries (Quebec) Limited	5930 De Gaspé St., Montreal
Dow Brewery Limited (Montreal Plant)	391 Colborne St., Montreal
Dow Brewery Limited (Quebec Plant)	92 St. Valier St., Quebec
John Labatt Limited (Quebec Division)	50 Labatt Ave., Ville LaSalle
Molson's Brewery Limited	1670 Notre Dame St. E. Montreal

List of Breweries Reporting in 1958 - Concluded

Name	Address
Ontario:	
The Carling Breweries Limited (Hamilton Division)	197 Burlington St. E., Hamilton
The Carling Breweries Limited (Windsor Division)	515 Riverside Drive, Windsor
The Carling Breweries Limited (Waterloo Division)	155 King St. S., Waterloo
The Carling Breweries Limited (Toronto Division)	293 Niagara St., Toronto
Doran's Brewery Limited (Timmins Branch) ¹	319 Algonquin Blvd. E., Timmins
Dow Kingsbeer Brewery Limited	476 King St. W., Kitchener
Formosa Spring Brewery Limited	Formosa
Fort Frances Brewing Co. Limited ¹	1009 Mill Road, Fort Frances
Kakabeka Falls Brewing Co. Limited	1201 Cameron St., Fort William
John Labatt Limited	311 King St. E., Toronto
John Labatt Limited	150 Simcoe Street, London
Molson's Brewery (Ontario) Limited	640 Fleet St. W., Toronto
O'Keefe Brewing Company Limited (Simcoe Street Division)	260 Dundas Street W., Toronto
O'Keefe Brewing Company Limited (Victoria Street Division)	297 Victoria Street, Toronto
O'Keefe Brewing Company Limited (Ottawa Division)	840 Wellington Street, Ottawa
Port Arthur Beverage Company	154 North Algoma Street, Port Arthur
Soo Falls Brewing Company Limited ¹	503 Bay Street, Sault Ste. Marie
Sudbury Brewing & Malting Company Limited ¹	185 Lorne Street, Sudbury
Manitoba:	
Fort Garry Brewery Limited	721 Furby Street, Winnipeg
O'Keefe Brewing Co. (Manitoba) Limited	49 Stadacona Street, Winnipeg
The Kiewit Brewing Company Limited	191 Dumoulin Street, St. Boniface
Pelissier's Brewery Limited	409 Mulvey Ave., Winnipeg
Labatt's Manitoba Brewery Limited	137 Colony Street, Winnipeg
The Carling Breweries (Manitoba) Limited ¹	Redwood & Main Street, Winnipeg
Saskatchewan:	
The Carling Breweries (Saskatchewan) Limited	921 Albert Street N., Regina
The Saskatoon Brewing Company Limited	8th Street & Kilburn Ave., Saskatoon
Sicks' Prince Albert Brewery Limited	554 - 17th Street West, Prince Albert
Sicks' Regina Brewery Limited	Dewdney Avenue, Regina
O'Keefe Brewing Company (Saskatchewan) Limited	519 Second Avenue North, Saskatoon
Alberta:	
The Big Horn Brewing Company Limited	Manchester Sub-Division, Calgary
Calgary Brewing & Malting Company Ltd. ¹	9th Ave. & 15th St. E., Calgary
Northwest Brewing Company Limited	10542 Saskatchewan Drive, Edmonton
The Carling Breweries (Alberta) Limited	5301-43rd St., Red Deer
Sicks' Lethbridge Brewery Limited ¹	Corner 1st St. & 2nd Ave. S., Lethbridge
Sicks' Edmonton Brewery Limited	10439 - 121st Street, Edmonton
British Columbia:	
Caribou Brewing Co. Limited	North Nechako, Prince George
Interior Breweries Limited	Fernie
Interior Breweries Limited	510 Latimer Street, Nelson
Lucky Lager Brewing Company (N.W.) Limited	210 Brunette Street, New Westminster
Lucky Lager Brewing Company (Victoria) Limited	1921 Government Street, Victoria
Caribou Brewing Company Limited	Princeton
Sicks' Capilano Brewery Limited	1550 Burrard Street, Vancouver
The Carling Breweries (B.C.) Limited	2790 Vine Street, Vancouver

¹ These firms also manufacture "carbonated beverages."

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