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REPORT
on
MISCELLANEOUS FOOD INDUSTRIES
CANADA
1920

STATISTICS STATISTIQUE
CANADA CANADA

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INCLUDING —

- (A) PICKLES AND RELISHES
- (B) VINEGAR AND CIDER
- (C) COFFEE AND SPICES

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

Minister of Trade and Commerce.

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OTTAWA

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DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

OTTAWA, CANADA.

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

MISCELLANEOUS FOOD INDUSTRIES, 1920

- (a) Pickles and Relishes.
- (b) Vinegar and Cider.
- (c) Coffee and Spices.

Ottawa, May, 1923.- The Dominion Bureau of Statistics presents herewith a report on Miscellaneous Food industries for the calendar year 1920, including (a) Pickles and relishes, (b) Vinegar and cider, and (c) Coffees and spices. The statistics of each industry are presented in a separate section of the report and a further table summarizing the values of the principal commodities made in Canadian industries is appended.

SUMMARY OF THE PRODUCTION OF PRINCIPAL COMMODITIES COMPRISED IN THE INDUSTRY

BY SOURCE, QUANTITY AND VALUE FOR THE CALENDAR YEAR 1920.

2.

Source	Vinegar		Pickles		Sauces and Relishes	
	Quantity	Value	Quantity	Value	Quantity	Value
	Gals.	\$	Gals.	\$	Gals.	\$
Vinegar and cider factories	3,360,270	1,151,026	16,500	20,585	-	-
Fruit and canning factories	-	-	66,929	36,009	455,131	412,483
Cocoa and chocolate "	-	-	-	-	-	-
Coffee and spice mills	-	-	51,707	81,015	-	-
Baking powder factories ...	-	-	-	-	-	-
Pickle, sauce and relish factories	71,460	16,760	915,022	1,614,928	900,626	1,459,398
TOTALS	3,431,730	1,167,786	1,050,153	1,752,537	1,355,757	1,871,881
	Cider		Coffees		Spices	
	Quantity	Value	Quantity	Value	Quantity	Value
	Gals.	\$	Lb.	\$	Lb.	\$
Vinegar and cider factories	1,654,654	343,797	-	-	-	-
Fruit canning factories ...	74,169	17,526	-	-	-	-
Cocoa & chocolate factories	-	-	-	-	60,000	28,962
Coffee and spice mills	-	-	11,468,039	5,085,973	3,065,426	1,162,454
Baking powder factories ...	-	-	320	192	1,157	570
Pickle, sauce and relish factories	35,000	7,000	-	-	-	-
TOTALS	1,763,823	368,323	11,468,359	5,086,165	3,126,583	1,191,986

MISCELLANEOUS FOOD INDUSTRIES, 1920.

SECTION (a) PICKLES AND RELISHES, 1920.

Section (a) of this report deals with the industry as described in the title above for the calendar year 1920. The principal statistics relating to the section are shown in table (1) for the provinces and the Dominion. The value added by the processes of manufacture during the year was \$2,124,255. The Province of Ontario is credited with 86 per cent of the gross total value of products, amounting to \$4,001,662 in a total of \$4,633,900 for the Dominion. In capital investment more than 87.5 per cent belongs to Ontario.

Table 1. Principal Statistics by Provinces, 1920.

		CANADA	Ontario	Quebec	Other Provinces
Establishments	No.	20	11	4	5 ¹
Capital	\$	2,340,262	2,488,729	24,227	327,306
Employees on Salaries -					
Male	No.	85	59	1	25
Female	No.	20	17	-	3
Salaries paid	\$	176,134	121,216	1,820	53,098
Employees on Wages -					
Male	No.	337	318	4	15
Female	No.	326	237	1	88
Wages paid	\$	474,953	405,175	4,762	65,016
Cost of fuel	\$	65,323	60,148	233	4,942
Power employed -					
Units	No.	195	184	1	10
Capacity	H.P.	1,653	1,567	1	85
Employed	H.P.	1,599	1,533	1	65
Miscellaneous expenses ..	\$	631,995	583,383	4,905	93,707
Cost of materials	\$	2,509,646	2,170,217	21,465	317,963
Value of products	\$	4,633,900	4,001,662	38,400	593,838
Value added by manufacture	\$	2,124,255	1,831,445	16,935	275,875

¹ Includes - British Columbia, 2; Manitoba, 1; New Brunswick, 1; and Nova Scotia, 1.

PRODUCTION

In table 2 is shown the statistics of production for the Dominion and provinces by commodities itemized for quantities and values, wherever possible. Catsup and relishes represented 30.7 per cent of the total value of all products; pickles, including olives, 28.2 per cent and all other products 41.1 per cent.

Table 2. Production by Provinces, 1920.

Principal Products	Unit	CANADA		Ontario		Quebec	Other Provs.
		Quan.	Value	Quan.	Value	Value	Value
Catsup and chili sauce	-	-	1,356,132	-	1,354,332	-	1,800
Pickles	-	-	1,100,840	-	1,026,570	14,270	60,000
Olives	gal.	70,232	206,602	70,232	206,602	-	-
Mustard & relishes	doz.	26,797	70,983	26,797	70,983	-	-
Baked beans	doz.	190,122	353,716	190,122	353,716	-	-
Spaghetti	doz.	53,212	114,247	53,212	114,247	-	-
Salad dressing ..	gal.	6,670	29,107	6,670	29,107	-	-
Cream soup	doz.	30,749	56,885	30,749	56,885	-	-
Mincemeat	lb.	397,029	97,223	397,029	97,223	-	-
Jams, jellies & marmalade	-	-	128,851	-	128,851	-	-
Cider	gal.	35,000	7,000	35,000	7,000	-	-
Fruit cordials & aerated waters	gal.	33,423	22,106	33,423	22,106	-	-
All other misc. products	-	-	1,090,208	-	534,040	24,130	532,038
TOTAL VALUE			4,633,900		4,001,662	38,400	593,838

MISCELLANEOUS FOOD INDUSTRIES, 1920.

SECTION (a) PICKLES AND RELISHES

CAPITAL INVESTMENT

Table 3 presents statistics of capital investment by items and by provinces for the calendar year 1920. Land, buildings and fixtures represent 27.3 per cent of the total investment, machinery and tools, 17.9 per cent, materials on hand, stocks in process, etc., 51.3 per cent and working capital 3.5 per cent.

Table 3. Capital Investment.

Items of Capital	CANADA	Ontario	Quebec	Other Provinces
	\$	\$	\$	\$
Land, buildings and fixtures	776,657	656,819	5,000	114,838
Machinery and tools	507,441	465,182	1,750	40,509
Materials on hand, stocks in process, etc.....	1,457,756	1,308,725	13,230	135,801
Cash, trading and operating accounts, etc.....	98,403	58,003	4,247	36,158
TOTALS	2,840,262	2,488,729	24,227	327,306

EMPLOYEES, SALARIES AND WAGES

Employment statistics relating to this section of the industry are presented in table 4 according to classes of employees, sex and remuneration. The average annual salary in the clerical classes irrespective of sex was \$1,677.47 and the average annual wage paid to workers amounted to \$716.37.

Table 4. Employees, Salaries and Wages.

Classes of Employment	Employees		Salaries and Wages
	Male	Female	
	No.	No.	\$
Officers, superintendents and managers	36	-	89,092
Clerks, stenographers, salesmen, etc.	49	20	87,042
Employees on wages, (average number)	337	326	474,953
TOTALS	422	346	651,087

CLASSIFIED WEEKLY WAGES

A further view of wage earning statistics is presented in table 5 in which the weekly earnings of wage earners as at December 15th are shown by groups. Male wage earners receiving up to \$15 per week numbered 30 and female 290, while on the other hand male wage earners receiving \$15 per week and over were 436 in number whilst the females numbered but 118. The number of persons receiving \$30 per week and over was 4.1 per cent of the total of all.

Table 5. Classified Weekly Wages, 1920.

Weekly wage groups	CANADA		Ontario		Quebec		Other Provinces	
	M.	F.	M.	F.	M.	F.	Male	Female
Under \$5 per week	-	-	-	-	-	-	-	-
\$5 to under \$10 per week	1	31	1	15	-	1	-	15
\$10 " " \$15 " "	14	114	14	84	-	1	-	29
\$15 " " \$20 " "	78	46	71	46	1	-	6	-
\$20 " " \$24 " "	81	10	73	10	3	-	5	-
\$24 " " \$30 " "	41	3	35	3	-	-	6	-
\$30 per week and over .	18	-	17	-	1	-	-	-
TOTALS	233	204	211	158	5	2	17	44

MISCELLANEOUS FOOD PRODUCTS, 1920

SECTION (a) PICKLES AND RELISHES .

MATERIALS USED

The quantity and cost value delivered at the factory or works of the various classes of materials used in the industry during the year is shown by provinces and the Dominion in table 6. The total cost of such materials in 1920 was \$2,509,645, of which the Province of Ontario contributed \$2,170,217, or more than 86 per cent.

Table 6. Materials Used in the Industry, 1920

Principal Materials Used	Unit of measure	CANADA		Ontario		Quebec		Other Provinces	
		Quantity	Value	Quantity	Value	Quan.	Value	Quan.	Value
			\$		\$		\$		\$
Vegetables, all kinds	lbs.	21,709,119	397,201	20,906,786	342,371	237,333	5,120	565,000	49,710
Dry Spaghetti	"	128,000	11,906	128,000	11,906	-	-	-	-
Olives in bulk	gals.	3,423	11,019	3,423	11,019	-	-	-	-
Olive oil	"	9,000	27,959	9,000	27,959	-	-	-	-
Vinegar	"	396,429	39,966	299,169	10,936	1,260	330	96,000	28,700
Sugar	lbs.	2,911,855	411,436	2,587,855	358,596	-	-	324,000	52,840
Salt	"	645,160	8,074	631,160	7,934	-	-	14,000	140
Spices	"	20,926	10,004	19,326	9,430	300	54	1,300	520
Starch, glucose, etc.	"	26,000	3,600	-	-	-	-	26,000	3,600
Non-potable spirits	gals.	6,631	4,700	-	-	-	-	6,631	4,700
Alcohol	"	11,200	7,500	11,200	7,500	-	-	-	-
Containers and labels	-	-	922,478	-	767,769	-	5,886	-	147,823
All other miscellaneous materials	-	-	653,802	-	614,797	-	9,075	-	29,930
TOTALS			2,509,645		2,170,217		21,465		317,963

MISCELLANEOUS FOOD INDUSTRIES, 1920.

SECTION (a) PICKLES AND RELISHES

POWER EMPLOYED

The classes of power employed are shown in table 7 by (a) the number of units in each class, (b) the indicated horsepower and (c) the horsepower actually employed. Electric motors supplied 1,071 horsepower of the total actually employed, or 67 per cent, whilst steam power occupies second place with 517 horsepower actually employed, or 32 per cent.

Table 7. Power Employed, 1920.

Classes of power	Units	H. P. Capacity	H.P. actually employed
Engines, steam	10	517	517
gas	1	1	1
gasoline	6	14	10
Electric motors (run by current generated at the factory) ...	92	722	722
Electric motors (operated by rented power)	86	399	349
	195	1,653	1,599

MISCELLANEOUS EXPENSES

The cost of the various items of miscellaneous expense is presented in table 8. The total cost of such items was \$681,995, the largest item being "all other sundry expenses" amounting to \$551,884, or 80 per cent of the total.

Table 8. Miscellaneous Expenses

Items of Expense	Value
Rent of offices, works and machinery	\$ 4,557
Rent of power	9,311
Insurance (Premiums for year only) ..	19,771
Taxes, all kinds	32,594
Royalties, use of patents, etc.....	-
Advertising expenses	16,260
Travelling expenses	21,632
Repairs to buildings and machinery ..	25,936
All other sundry expenses	551,884
TOTAL	\$681,995

FUEL CONSUMPTION

The quantity and cost value delivered at the works of the different classes of fuel consumed by this industry in 1920 is shown in table 9. Over 90 per cent of the fuel used during the year consisted of coal, principally bituminous. The total cost for all fuel amounted to \$65,323.

Table 9. Fuel Consumed, 1920.

Classes of Fuel	Unit	Quantity	Cost Value
Bituminous coal	ton	8,122	\$ 57,327
Anthracite coal	"	361	2,185
Lignite coal	"	18	252
Gasoline	gal.	6,041	3,090
Wood	cd.	62	371
Gas	m.c.ft.	7,084	2,073
Other fuel	-	-	25
TOTAL			65,323

MISCELLANEOUS FOOD INDUSTRIES, 1920.

SECTION (b) VINEGAR AND CIDER PRODUCTS, 1920.

The statistics of the above named industry for the calendar year 1920 are presented in the tables comprising this report. The number of individual concerns reporting to the Bureau was 39, distributed by location as follows: Ontario 27, Quebec 4, Nova Scotia 3, Manitoba 2, Alberta 2, and British Columbia 1.

PRINCIPAL STATISTICS

Table 1 shows the principal statistics relating to the industry by provinces, those for the Western provinces being combined to prevent information of individual concerns being divulged. The value added by manufacture or the net value of production, amounted to \$1,336,665 for the whole Dominion. The Province of Ontario is first in gross value of production with \$1,853,323 in a total for the Dominion of \$2,449,314, or 75.7 per cent. The Western provinces come next in order with \$288,371 or 11.8 per cent, followed by Quebec with a total production of \$166,460 or 6.8 per cent and Nova Scotia with \$141,160 or 5.7 per cent.

Table 1. Principal Statistics by Provinces, 1920.

Principal Statistics	CANADA	Western Provs.	Nova Scotia	Ontario	Quebec
EstablishmentsNo.	39	5	3	27	4
CapitalNo.	2,794,280	303,637	173,626	2,191,294	125,673
Employees on Salaries -					
MaleNo.	74	17	3	47	7
FemaleNo.	19	1	2	14	2
Salaries \$	145,604	25,590	4,834	98,280	16,900
Employees on Wages -					
Male Av.No.	183	21	24	119	19
Female " "	19	4	-	12	3
Wages \$	222,704	26,859	17,300	159,392	19,153
Cost of fuel \$	45,325	1,339	4,959	36,712	2,315
Power employed -					
Units No.	90	7	6	74	3
H. P. Capacity	814	40	71	688	15
H. P. employed	650	40	61	537	12
Miscellaneous expenses ... \$	534,351	86,137	45,073	352,014	51,127
Cost of materials \$	1,112,649	129,523	53,730	869,615	59,781
Value of products \$	2,449,314	288,371	141,160	1,853,323	166,460
Value added by manufacture \$	1,336,665	158,848	87,430	983,708	106,679

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MISCELLANEOUS FOOD INDUSTRIES, 1920.

SECTION (b) VINEGAR AND CIDER PRODUCTS, 1920.

PRODUCTION

The gross value of production in 1920 is shown by provinces and the Dominion in table 2, by items of production. The principal items comprising the total were (a) Vinegar, 3,360,270 gallons valued at \$1,151,026; Cider, 1,654,654 gallons worth \$343,797 and all other products including apple butter, fruit pectin, evaporated apples, pickles, etc., to the value of \$954,491.

Table 2. Production by Provinces, 1920.

Products	Unit	CANADA		Western Provs.		Nova Scotia		Ontario		Quebec	
		Quantity	Value	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value
			\$		\$		\$		\$		\$
Vinegar	gal.	3,360,270	1,151,026	641,330	199,625	-	-	2,214,929	810,921	504,011	140,480
Pickles	-	-	20,585	-	-	-	-	-	9,505	-	11,080
Cider	-	1,654,654	343,797	41,500	10,450	550,000	113,500	1,063,154	219,847	-	-
Apple butter	lb.	181,772	21,438	-	-	-	-	181,772	21,438	-	-
Evaporated apples	lb.	250,000	25,000	-	-	250,000	25,000	-	-	-	-
Apple chop or waste ...	lb.	170,000	2,660	-	-	170,000	2,660	-	-	-	-
All other products	-	-	882,912	-	78,296	-	-	-	789,716	-	14,900
Received for custom work	-	-	1,896	-	-	-	-	-	1,896	-	-
TOTALS			2,449,314		288,371		141,160		1,853,323		166,460

MISCELLANEOUS FOOD PRODUCTS, 1920.

SECTION (b) VINEGAR AND CIDER PRODUCTS, 1920.

CAPITAL INVESTMENT

Capital investment in the industry is shown in table 3 by items for the provinces and the Dominion. Of the total investment 33.5 per cent was in land, buildings and fixtures, 18.6 per cent in machinery and tools, 31.8 per cent in materials and stocks on hand, etc., and 16.1 per cent in working capital. By provinces, the percentage of capital invested was as follows: Ontario 78.4 per cent, the Western provinces 10.9 per cent, Nova Scotia 6.2 per cent and Quebec 4.5 per cent.

Table 3. Capital Investment by Provinces, 1920.

Provinces	Land, build-ings and fixtures	Machinery and tools	Materials on hand, stocks in process, etc.	Cash, trad-ing and operating accts. etc.	Total Capital
	\$	\$	\$	\$	\$
CANADA	937,318	519,712	887,832	449,418	2,794,280
Western Provs.	62,347	121,126	95,180	25,034	303,687
Nova Scotia	30,044	53,705	70,749	19,128	173,626
Ontario	814,435	299,100	693,206	384,553	2,191,294
Quebec	30,492	45,781	28,697	20,703	125,673

EMPLOYEES, SALARIES AND WAGES

Employment statistics are presented in table 4 by classes, sex and remuneration for the Dominion. The average number employed on wages during the year was 183 males and 19 females with an average annual earning per employee of \$1,102.50. In the clerical classes the average annual salary amounted to \$1,171.30, whilst in the official or executive class the average was \$2,162.46.

Table 4. Employees, Salaries and Wages, 1920.

Classes of Employment	Male No.	Female No.	Salaries and Wages
Officers, superintendents, managers	35	2	80,011
Clerks, stenographers, salesmen, etc..	39	17	65,593
Employees on wages (average number)	183	19	222,704
TOTALS	257	38	368,308

CLASSIFIED WEEKLY WAGES

Table 5 presents statistics of earnings within specified groups of weekly wages. Those earning less than \$20 per week numbered 54 males and 11 females, whilst of those receiving more than \$20 per week the number was 143, all of whom were males.

Table 5. Classified Weekly Wages, 1920.

Groups of earnings	CANADA		Western Provs.		Nova Scotia		Ontario		Quebec	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Under \$5 per week	-	-	-	-	-	-	-	-	-	-
\$5 to under \$10 per wk.	5	4	3	-	-	-	-	-	2	4
\$10 " " \$15 " "	11	6	-	1	5	-	5	5	1	-
\$15 " " \$20 " "	38	1	1	1	10	-	24	-	3	-
\$20 " " \$24 " "	50	-	-	-	1	-	42	-	7	-
\$24 " " \$30 " "	60	-	7	-	2	-	49	-	2	-
\$30 per week and over	33	-	8	-	-	-	22	-	3	-
TOTALS	197	11	19	2	18	-	142	5	18	4

MISCELLANEOUS FOOD PRODUCTS, 1920.

SECTION (b) VINEGAR AND CIDER PRODUCTS, 1920.

MATERIALS USED

The quantity and cost value delivered at the factory of all materials used is shown for Canada and the provinces in table 6 by principal items. Spirits is the largest single item of materials amounting to \$245,770 with apples and apple products second with \$236,522, sugar being third with \$37,396. All other materials amounted to \$231,093 and containers to \$361,058, making a total for materials and containers of \$1,112,649.

Table 6. Materials Used.

Materials	Unit	CANADA		Western Provs.		Nova Scotia		Ontario		Quebec	
		Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value
			\$		\$		\$		\$		\$
Alcohol	Gal.	525,271	245,770	117,537	64,326	-	-	309,782	137,523	97,902	43,921
Beer	"	35,258	8,533	2,000	450	-	-	20,648	4,033	12,610	4,000
Apples	lb.	23,125	337	10,000	238	7,350,000	35,750	15,835	337	-	-
Sugar	"	234,485	37,396	60,000	8,500	90,000	15,000	84,485	13,893	-	-
Evaporated apple products	"	1,537,375	107,877	-	-	-	-	1,537,375	107,877	-	-
Malt	"	5,244	932	3,900	546	-	-	1,344	386	-	-
Malt extract	Gal.	1,200	336	-	-	-	-	1,200	336	-	-
Vinegar	"	146,311	29,262	-	-	-	-	146,311	29,262	-	-
Sulphur	lb.	1,000	30	-	-	1,000	30	-	-	-	-
Malted barley phosphates	-	-	21,255	-	-	-	-	-	21,255	-	-
Containers, etc.....	-	-	361,058	-	24,609	-	2,450	-	322,684	-	11,315
All other materials	-	-	171,555	-	30,854	-	500	-	139,656	-	545
			1,112,649		129,523		53,730		869,615		59,781

MISCELLANEOUS FOOD PRODUCTS, 1920.SECTION (b) VINEGAR AND CIDER PRODUCTS, 1920.FUEL CONSUMPTION

The consumption of fuel in the industry is shown by classes in table 7. Coal is the principal fuel, the total consumption being 4,426 tons of the value of \$39,084. Wood is the next most important fuel with 714 cords valued at \$5,132, the total cost of fuel being \$45,325.

Table 7. Fuel Consumption.

Classes of fuel	Units	Quantity	Value
Bituminous coal	ton	4,257	36,475
Anthracite coal	"	154	2,424
Lignite coal	"	15	185
Coke	"	30	419
Gasoline	gal.	574	235
Wood	cd.	714	5,132
Gas	m.c.ft.	412	305
Other fuel	-	-	150
TOTAL			45,325

POWER STATISTICS

Statistics of power installation are presented in table 8 by classes, number of units in each class, the indicated horsepower and the horsepower actually employed. Electric motors supplied 349 of the used power, steam 238 and gas and gasoline combined 63, making a total of used horsepower of 650.

Table 8. Power Employed, 1920.

Classes of Power	Units	H. P. Capacity	H.P. actually employed
Engines, steam	14	343	238
gas	1	1	1
gasoline	7	67	62
Electric motors, owned	1	5	5
rented	67	398	344
TOTALS	90	814	650

MISCELLANEOUS EXPENSES

The cost of miscellaneous or overhead charges is shown in table 9 for the Dominion, the total outlay for the year amounting to \$534,351, of which "all other sundry expenses" accounted for \$282,571 and taxes of all kinds to \$146,739. Rent, insurance and repairs cost \$66,538, and travelling expenses and royalties amounted to \$38,503.

Table 9. Miscellaneous expenses, 1920.

Items of Expense	Amount
Rent of offices, works and machinery	9,390
Rent of power	4,827
Insurance (premiums for the year only)	21,931
Taxes, all kinds	146,739
Royalties, use of patents, etc.	256
Advertising expenses	8,597
Travelling expenses	29,650
Repairs to buildings and machinery ..	30,390
All other sundry expenses	282,571
TOTAL	\$534,351

MISCELLANEOUS FOOD INDUSTRIES, 1920.SECTION (c) COFFEES AND SPICES, 1920.

The number of individual returns received by the Bureau in the Coffee and Spice industry in 1920 was 42, located as follows:-

Alberta	2
British Columbia	6
Manitoba	6
New Brunswick	3
Nova Scotia	1
Ontario	15
Quebec	9

The statistics relating to the provinces of Alberta and Manitoba have been combined under the title "Prairie Provinces" in order to prevent divulgence of individual statistics. For the same reason the provinces of Nova Scotia and New Brunswick have been combined under the title of "Maritime Provinces".

PRINCIPAL STATISTICS

Table 1 gives the principal statistics of the industry by provinces for the calendar year 1920. The gross value of production for the Dominion is stated as \$12,180,811, the cost of materials entering into production as \$9,195,092, leaving the value added by the processes of manufacture or the net value of production at \$2,985,719. A comparative review of the statistics with those of 1919 shows that there was an increase in the number of plants reporting during 1920 of 3; capital investment rose from \$6,112,630 in 1919 to \$7,074,006 in 1920; salaried employees increased from 262 in 1919 to 297 in 1920 and the amount paid in salaries from \$510,813 in 1919 to \$624,226 in 1920; employees working for wages rose from 529 in 1919 to 632 in 1920 and the amount of wages paid from \$405,921 to \$512,333; fuel costs increased from \$27,517 in 1919 to \$38,353 in 1920; miscellaneous expenses rose from \$850,321 in 1919 to \$1,042,661 in 1920; materials rose from \$8,113,554 in 1919 to \$9,195,092 in 1920 and the value of production from \$10,892,892 in 1919 to \$12,180,811 in 1920. The net value of products in 1919 amounted to \$2,779,338, as compared with \$2,985,719 in 1920.

MISCELLANEOUS FOOD INDUSTRIES, 1920.

SECTION (C) COFFEES AND SPICES, 1920.

Table 1. Principal Statistics by Provinces, 1920.

	CANADA	British Columbia	Prairie Provs.	Maritime Provs.	Ontario	Quebec
Establishments No.	42	6	8	4	15	9
Capital \$	7,074,006	500,590	2,617,313	380,232	2,264,608	1,311,263
Employees on Salaries -						
Male No.	230	16	57	14	90	53
Female No.	67	8	13	4	31	11
Salaries \$	624,226	32,162	212,931	27,613	233,900	117,620
Employees on wages (Average No.)						
Male No.	329	35	75	20	131	68
Female No.	303	40	72	54	103	33
Wages \$	512,333	63,413	130,992	38,671	197,580	81,677
Cost of fuel \$	38,353	3,018	6,946	3,521	15,963	2,025
Power employed -						
Units No.	187	18	59	16	60	34
Capacity H. P.	2,066	170	485	117	1,048	246
Employed H. P.	1,529	170	434	117	604	204
Miscellaneous expenses \$	1,042,661	127,727	312,823	66,571	345,728	189,812
Cost of materials \$	9,195,092	1,510,849	2,898,175	216,078	2,554,700	2,015,290
Value of products \$	12,180,811	1,898,407	3,724,477	383,632	3,537,537	2,636,758
Value added by manufacture ... \$	2,985,719	387,558	826,302	167,554	982,837	621,468

MISCELLANEOUS FOOD PRODUCTS, 1920.
SECTION (C) COFFEES AND SPICES, 1920.

14.

PRODUCTION

Table 2 presents the statistics of production by principal items. Coffee roasted and ground is the principal item with 11,468,039 pounds worth \$5,085,973, of which Quebec contributed 3,862,541 pounds worth \$1,749,638, British Columbia 2,581,672 pounds worth \$1,080,299, Ontario, 2,392,443 pounds worth \$1,051,468, the Prairie provinces (Manitoba and Alberta) 2,552,263 pounds worth \$1,166,290 and the Maritime provinces 79,120 pounds worth \$38,278. Spices, mixed, whole or ground is next in order with 3,065,426 pounds valued at \$1,162,454, Ontario contributing nearly 60 per cent of the total production, Quebec 20 per cent, Maritime provinces 9 per cent, Prairie provinces 8 per cent and British Columbia 4 per cent. Baking powder and flavouring extracts are next with a production valued at \$1,141,853, followed in order by Jelly, custard and ice cream powders valued at \$595,070 and cocoa and chocolate to the value of \$424,980.

Table 2. Production, 1920.

Products	CANADA		Br. Columbia		Prairie Provs.		Maritime Provs.		Ontario		Quebec	
	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value
	Lbs.	\$	lbs.	\$	lbs.	\$	lbs.	\$	lbs.	\$	lbs.	\$
Baking powder	2353,639	493,519	282,974	67,162	1081,346	227,730	17,751	6310	771492	150,138	200,076	42,179
Coffee, roasted	11,468,039	5,085,973	2581,672	1,080,299	2552,263	1,166,290	79,120	38278	2392443	1,051,468	3,862,541	1,749,638
Cocoonut, shredded, etc.....	23,017	8,384	-	-	-	-	3,000	1200	11317	5,184	8,700	2,000
Cocoa	564,272	142,512	-	-	183,420	44,909	2,000	800	377292	96,267	1,560	536
Chocolate	923,943	282,468	-	-	-	-	-	-	923943	282,468	-	-
Custard powders	142,741	35,740	5,838	2,022	8,503	1,668	-	-	85400	21,350	43,000	10,700
Jelly powders ..	1230,729	525,380	104,325	41,647	358,334	171,151	-	-	704,745	284,532	63,325	28,050
Ice cream " ..	71,000	33,950	-	-	-	-	-	-	62500	31,250	8,500	2,700
Confectionery ..	15,000	5,000	-	-	-	-	-	-	15000	5,000	-	-
Mustard, dry ..	446,391	168,314	6,826	4,675	13,165	5,543	14,493	5840	349681	136,380	62,226	15,876
Mustard, wet ..	73,625	47,863	-	-	3,732	2,053	8,792	1974	42601	36,756	18,500	7,080
Spices, mixed, whole or ground	3065,426	1,162,454	120,500	66,706	250,732	133,695	270,009	119376	1815148	605,146	609,037	237,531
Pickles & olives	51,707	81,015	-	-	50,707	79,015	-	-	1000	2,000	-	-
Compressed yeast	104,470	17,095	-	-	104,470	17,095	-	-	-	-	-	-
Dessicated "	30,800	4,620	-	-	-	-	-	-	30800	4,620	-	-
Flavouring extracts	90,244	648,334	12,613	94,330	14,226	130,870	2,480	26760	52955	360,969	7,970	35,405
Syrups & crushed fruits	16,350	43,996	-	-	-	-	2,220	9490	14130	34,506	-	-
All other prods.	-	3,394,194	-	541,566	-	1744,458	-	173604	-	429,503	-	505,063
TOTALS		12,180,811		1,898,407		3724,477		383632		3,537,537		2,636,758

MISCELLANEOUS FOOD PRODUCTS, 1920.

SECTION (c) COFFEE AND SPICES, 1920.

CAPITAL INVESTMENT

The capital invested in the industry is shown by items and provinces in table 3. The principal item of capital investment is shown for materials and stocks on hand and in process amounting to \$3,462,978; working capital is next with \$1,958,881; land, building and fixtures, third, with \$1,128,228 and machinery and tools last with \$523,919. The Prairie provinces lead in total investment with \$2,617,313, followed in order by Ontario with \$2,264,608, Quebec with \$1,311,263, British Columbia with \$500,590 and the Maritime provinces with \$380,232.

Table 3. Capital Investment, 1920.

Provinces	Land, buildings and fixtures	Machinery and tools	Materials on hand stocks in process, etc.	Cash, trading and operating accts. etc.	Total Capital
CANADA	\$1,128,228	\$523,919	\$3,462,978	\$1,958,881	\$7,074,006
Br. Columbia	36,250	43,480	282,933	137,927	500,590
Prairie Provs.	372,325	93,102	1,559,420	592,466	2,617,313
Maritime "	63,200	26,868	135,299	154,865	380,232
Ontario	507,925	250,636	957,465	548,582	2,264,608
Quebec	148,528	109,833	527,861	525,041	1,311,263

EMPLOYEES, SALARIES AND WAGES

The number of persons at employment by classes, sex and salary and wage payments is shown for the Dominion in table 4. The official staff comprised 80 persons with a total salary payment of \$287,812, the average salary being \$3,597. The clerical staff consisted of 217 persons with salaries paid amounting to \$336,414, or an average of \$1,550. The working staff comprised 632 persons with wage payments of \$512,333 or an average of \$810, per worker, irrespective of sex distinction.

Table 4. Employees, Salaries and Wages, 1920.

Classes of Employment	Male No.	Female No.	Salaries and Wages
Officers, superintendents and managers	77	3	\$287,812
Clerks, stenographers, salesmen	153	64	336,414
Employees on wages (average number) ..	329	303	512,333
TOTALS	559	370	1,136,559

CLASSIFIED WEEKLY WAGES

Table 5 further classifies wage earners according to weekly wage payments within specified groups of earnings as at December 15th. The total employment on that date was 560, of which 315 were males and 245 females. The number receiving less than \$10 per week was 98, of which 7 were males and 91 females; between \$10 and \$20 per week the number was 262 of which 114 were males and 148 females; between \$20 and \$30 per week the total was 166 of whom 161 were males and 5 females whilst of the 34 persons receiving over \$30 per week there was but one female and 33 males.

Table 5. Classified Weekly Wages, 1920.

Weekly wage groups	CANADA		British Columbia		Prairie Provs.		Maritime Provs.		Ontario		Quebec	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Under \$5 per week	-	6	-	-	-	-	-	6	-	-	-	-
\$5 to under \$10 per wk.	7	85	-	1	1	4	2	39	1	21	3	20
\$10 " " \$15 " "	17	118	9	26	6	38	1	8	4	30	6	16
\$15 " " \$20 " "	97	30	12	11	7	7	5	1	43	11	30	-
\$20 " " \$24 " "	89	5	8	1	13	2	8	1	41	1	19	-
\$24 " " \$30 " "	72	-	8	-	23	-	5	-	23	-	13	-
\$30 per week and over	33	1	3	-	15	1	1	-	10	-	4	-
TOTALS	315	245	31	39	65	52	22	55	122	63	75	36

MISCELLANEOUS FOOD INDUSTRIES, 1920.
SECTION (c) COFFEES AND SPICES, 1920.
MATERIALS USED

16.

The quantity and cost value delivered at the factory or works of the various materials used in this industry is shown in table 6, for the Dominion and the provinces. The total cost amounted to \$9,195,092, and represented slightly more than 75 per cent of the gross value of production.

Table 6. Materials Used, 1920.

Materials Used	CANADA		Br. Columbia		Prairie Provs.		Maritime Provs.		Ontario		Quebec	
	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value	Quan.	Value
	lbs.	\$	lbs.	\$	lbs.	\$	lbs.	\$	lbs.	\$	lbs.	\$
Baking Powder												
Materials -												
Ammonium bicarbonate	96,204	10,337	6,000	1,220	15,000	2,250	9000	1,575	62204	5,092	4000	200
Sodium bicarbonate	701,701	26,595	96,410	4,755	231,155	10,800	5550	267	265286	8,609	53300	2,164
Cream of tartar .	118,865	57,630	8,900	2,324	10,985	3,766	-	-	77780	41,460	21200	10,080
Tartaric acid ...	98,903	29,339	234	194	76,620	11,829	-	-	17524	13,886	4525	3,430
Burnt alum	138,449	7,061	-	-	79,114	4,191	-	-	41209	1,928	18126	942
Corn starch	1051,821	83,913	91,800	6,915	384,471	30,581	5250	465	433080	35,306	137220	10,646
Other baking powder materials .	411,637	35,100	24,130	9,248	245,857	20,034	1250	100	56300	3,913	24100	1,805
Salt	78,131	882	-	-	61,170	643	-	-	9961	160	7000	70
Flour	385,178	18,425	-	-	13,820	812	-	-	281658	12,351	89700	5,262
Coffee beans, green	13505,938	3772,353	3078,820	791,542	2998,031	886,897	92157	24,072	2834767	829,430	4502153	1240,374
Cocoa beans	943,052	168,009	-	-	-	-	-	-	943052	168,009	-	-
Cocoa butter	33,600	12,432	-	-	-	-	-	-	33600	12,432	-	-
Chocolate	226,527	47,635	-	-	184,179	36,980	-	-	16948	4,575	25400	6,080
Cocoa nuts	12,250	2,375	-	-	-	-	-	-	3250	1,025	9000	1,350
Milk powder	2,399	753	-	-	-	-	-	-	399	113	2000	640
Sugar	2410,499	384,622	47,000	6,510	282,328	47,063	21400	3,210	1992121	317,463	67650	10,475
Glucose	9,212	878	-	-	-	-	8500	807	712	71	-	-
Malt & malt flour	796	71	-	-	796	71	-	-	-	-	-	-
Seed, roots, barks .	972,967	171,677	93,500	21,375	23,975	4,631	8587	1,770	567630	56,646	279275	87,255
Essences and												
essential oils ..	58,835	144,785	18,122	41,381	11,939	25,943	830	2,075	23614	62,501	4,330	12,885
Alcohol (proof gals)	30,744	169,695	3,210	18,210	8,014	52,060	1540	10,823	17075	82,417	905	6,185
Spice fruits	-	477,744	-	6,000	-	82,996	-	55,286	-	242,315	-	84,147
Containers, labels &c.	-	911,169	-	128,050	-	226,522	-	14,660	-	358,413	-	183,524
All other materials	-	2661,612	-	473,125	-	1450,106	-	100,968	-	289,637	-	347,776
TOTALS		9,195,092		1510,849		2,898,175		216,078		2,554,700		2,015,290

MISCELLANEOUS FOOD INDUSTRIES, 1920.SECTION (c) COFFEES AND SPICES, 1920.FUEL CONSUMPTION

THE fuel consumed in the industry is shown by classes, quantity and cost value delivered at the works in table 7, the total cost being \$38,353, of which \$25,160, or more than 60 per cent, represented the value of 2282 tons of coal of all kinds. Gas, artificial and natural, was consumed to the value of \$7,088, coke to the value of \$3,346 and all other fuel \$2,759.

Table 7. Fuel Consumption, 1920.

Classes of fuel	Unit	Quantity	Value
Bituminous coal	ton	1,833	18,344
Anthracite coal	"	449	6,816
Coke	"	221	3,346
Gasoline	gal.	3,701	1,446
Wood	cd.	170	1,213
Gas, natural and artificial .	m.c.ft.	6,213	7,088
Other fuel	-	-	100
TOTAL			38,353

POWER EMPLOYED

Table 8 shows the classes of power used, the number of units in each class and the rated and used horsepower. Of the horsepower actually employed, 1,429 was electric, 95 steam and 5 other power.

Table 8. Power Employed, 1920.

Classes of Power	Units	H.P. Capacity	H.P. employed
Engines, steam	No. 3	180	95
Electric motors	183	1,881	1,429
Other power	1	5	5
TOTALS	187	2,066	1,529

MISCELLANEOUS EXPENSES

The total cost of miscellaneous or overhead expenses in the industry is shown in table 9 and amounted to \$1,042,661. Aside from all other sundry expenses those for advertising and travelling were the highest, as will be seen from a study of the table below.

Table 9. Miscellaneous Expenses, 1920.

Items of Expense	Amount
	\$
Rent of offices, works and machinery	66,464
Rent of power	26,308
Insurance (premium for the year only)	52,917
Taxes, all kinds	97,396
Advertising expenses	142,166
Travelling expenses	187,448
Repairs to buildings and machinery .	31,590
All other sundry expenses	438,372
TOTAL	1,042,661

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