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CENSUS OF INDUSTRY

THE
FRUIT & VEGETABLE PACKING INDUSTRY

in
CANADA

1924

INCLUDING

1. FRUITS AND VEGETABLES, CANNED
2. FRUITS AND VEGETABLES, DRIED OR EVAPORATED
3. FRUITS, PRESERVED
4. VINEGAR, PICKLES, SAUCES AND RELISHES

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OTTAWA

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THE FRUIT AND VEGETABLE PACKING INDUSTRIES IN CANADA, 1924.

(2)

SECTION I. FRUIT AND VEGETABLE CANNING

The number of plants engaged in canning fruits and vegetables during the calendar year 1924 was 113, being an increase of 10 over the number reported for the previous year. 80 of these factories were situated in the Province of Ontario and accounted for over 75 per cent of the total production of canned fruit and vegetables in Canada.

PRODUCTION

The quantity and selling value at the factory of the various products during the year 1924 are shown in Table II.

Table II.- Production of Canned fruits and vegetables, 1924.

Principal Products	Unit of measure	Quantity	Selling value at the factory
Canned fruits			
Apples	cases	133,904	302,825
Cherries	"	50,506	213,177
Peaches	"	53,665	245,760
Pears	"	292,531	1,155,201
Plums	"	59,583	139,221
Raspberries	"	33,644	192,242
Strawberries	"	22,370	132,917
Other small fruits	"	43,566	135,777
All other fruits	"	47,217	177,960
Canned vegetables			
Beans green or wax	"	92,378	324,223
" baked	"	360,569	958,510
Corn	"	554,696	1,641,152
Peas	"	691,176	2,021,967
Tomatoes	"	1,231,195	3,701,703
All other vegetables	"	123,550	393,686
Fruits preserved			
Jam, marmalade, etc.	lb.	1,926,212	262,791
Miscellaneous products			
Catsup and relishes	gallon	205,824	163,247
Canned stumps and chicken	cases	61,591	263,524
Evaporated apples	lb.	725,500	79,102
Apple chop and waste	"	229,000	3,964
Sauerkraut	"	257,292	9,443
Cider	gallon	153,733	17,367
Vinegar and pickles	"	76,200	11,562
Fruit pectin	lb.	52,400	5,322
All other products	-	-	90,477
Total	-	-	12,716,562

CAPITAL INVESTMENT

The capital employed in fruit and vegetable canning factories during the calendar year 1924 is given by provinces in Table III. The total capitalization rose from \$11,257,410 in 1923 to \$14,419,135 in 1924, an increase of \$3,161,725. To this investment the province of Ontario contributed \$12,379,861 or 85 per cent of the total capital for the Dominion.

Table III.- Capital investment by provinces - 1924.

Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery and tools	Materials on hand, Stocks in process, & etc.	Cash, trading and operating accounts & bills receivable	
	\$	\$	\$	\$
Canada -	9,663,230	4,290,863	465,092	14,419,135
Maritime provinces *	136,160	55,571	20,000	211,731
Quebec	319,450	270,069	52,754	641,873
Ontario	2,448,658	7,842,134	2,818,669	12,379,861
British Columbia	758,762	316,089	110,869	1,185,720

* Includes New Brunswick 5, Nova Scotia 2.

EMPLOYEES, SALARIES AND WAGES.

The number of persons employed in this industry during the calendar year 1924 is given in Table IV by (a) classes of employment (b) sex and (c) salary and wage payments. In 1923 there were 1,246 male and 1,151 female employees whose combined earnings amounted to \$1,457,143. For the year 1924 the number reported was 1,441 males and 1,429 females whose joint remuneration was \$1,650,308, an increase of 195 male and 278 female employees and \$193,165 in the total salary and wage payments.

Table IV. - Employees salaries and wages - 1924.

Classes of employment	Male No.	Female No.	Salaries and wages \$
Employees on salaries	163	59	311,572
Employees on wages (average number)	1,278	1,370	1,338,736
	1,441	1,429	1,650,308

OTHER EMPLOYMENT STATISTICS.

The number of the days the factories were in operation during the calendar year 1924 together with the number of hours per day and per week normally worked by wage earners is given in Table V (a). The number of wage earners employed during the year is given by sex and by months in Table V (b). Due to the seasonal nature of this industry there was considerable variation in the number employed, the maximum being attained in September with 6,372 whilst the minimum number reported was 545 in the month of March.

Table V (a) - Days in operation and hours worked 1924.

Number of establishments in operation	113	
	Total	Average
Days in operation on full time	11,350	100.4
" " " " part "	7,437	65.8
Days idle	15,565	137.8
Hours worked by wage earners by totals and averages	85,098	9.60
Hours worked per week	6,429	56.9

Table V (b) - Wage earners by months - 1924.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	405	233	July	2,160	1,835
February	458	169	August	1,942	2,807
March	436	109	September	2,605	3,767
April	542	143	October	2,714	3,538
May	739	239	November	1,474	1,922
June	903	532	December	962	1,147
Total			15,340	16,441	
Average number employed during the year			1,278	1,370	

FUEL CONSUMPTION

The quantity and value of all fuel consumed in the industry during the year 1924 is given in Table VI. The total fuel costs rose from \$127,422 to \$157,918, an increase of \$30,496. Bituminous coal is again the principal fuel used, with 21,035 tons worth \$140,096 or 88 per cent of the total cost of all fuel.

Table VI. - Fuel consumed - 1924.

Kinds of fuel	Unit of measure	Quantity	Cost Value \$
Bituminous coal	ton	21,035	140,096
Anthracite coal	"	277	3,464
Coke	"	105	1,006
Gasoline	gallon	2,105	507
Oil (fuel)	"	23,052	1,728
Wood	cord	1,339	7,769
Gas	M.C. feet	2,221	1,467
Other fuel	-	-	1,881
Total	-	-	157,918

THE FRUIT AND VEGETABLE PACKING INDUSTRIES IN CANADA, 1924.

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POWER INSTALLATION.

The power employed in this industry during the calendar year 1924 is given in Table VII by (a) classes of power (b) number of units in each class and (c) the horse-power capacity according to manufacturers rating. The total power installation rose from 484 units with a rated capacity of 7,993 horse power in 1923 to 492 units developing 8,821 horse power in 1924, an increase of 8 units and 828 horse power.

Table VII. - Power installation - 1924.

Classes of power	Number of Units	Horse power capacity.
Steam engines and turbines	126	5,525
Oil gas and gasoline engines	32	633
Total primary power	158	6,158
Electric motors operated by purchased power	290	2,220
" " " " primary power of factory	44	443
Total electric motors	334	2,663
Total power installation	492	8,821
Boilers installed	147	12,032

MATERIALS USED.

The quantity and cost value of the principal materials used in this industry will be found in Table VIII for the calendar year 1924. The total cost of all materials rose from \$5,323,968 in 1923 to \$6,965,912 in 1924, an increase of \$1,641,944.

Table VIII.- Materials used by quantity and value - 1924.

Principal Materials	Unit of Measure	Quantity	Cost value
Fruits for canning, evaporating and preserving, etc.	pound	38,787,509	829,857
Vegetables for canning, " " preserving, etc.	"	166,930,598	1,647,925
Sugar	"	5,844,085	476,281
Salt	"	742,586	9,377
Pectin	"	92,325	11,743
Glucose	"	58,448	3,130
Spices, all kinds	"	24,213	5,238
Vinager	gallon	7,687	2,675
Containers	-	-	3,432,630
Labels, cans, etc.	-	-	251,302
All other materials	-	-	236,154
Total	-	-	6,965,912

IMPORTS AND EXPORTS

The quantity and value of canned fruits and vegetables imported into and exported from Canada during the calendar year 1924 and will be found in Table IX.

Table IX.- Canned fruits and vegetables imported and exported, 1924.

Articles	Imports		Exports	
	Quantity	Value	Quantity	Value
Peaches in cans or other air-tight packages	lb. 2,774,688	238,388	-	-
Pineapples in cans or " " tight packages	" 6,624,726	518,375	-	-
Fruits in cans or other air-tight packages, n.o.p.	" 5,179,857	539,570	-	788,036
Total canned fruit	14,539,271	1,226,333	-	788,036
Beans baked in cans, etc.	" 1,327,262	96,668	-	-
Corn in cans etc.	" 3,334,490	219,470	-	-
Beans " " "	" 1,615,336	132,599	-	-
Tomatoes in cans etc.	" 1,745,483	116,943	-	-
Vegetables, n.o.p. in cans etc.	" 5,357,744	652,177	12,062,472	846,566
Total canned vegetables	13,380,315	1,223,857	12,062,472	846,566
Grand Total	27,919,586	2,520,190	-	1,634,602

Section II.- FRUITS AND VEGETABLES, DRIED AND EVAPORATED

In this section of the industry the number of plants in operation rose from 30 in 1923 to 45 in 1924, an increase of 15 plants or exactly 50 per cent during the two year period. The location by provinces was as follows:- Ontario 41, Nova Scotia 2, British Columbia 2.

PRODUCTION

The quantity and value of the principal products of the industry is given by provinces in Table I for the calendar year 1924. The total value of production rose from \$186,500 in 1923 to \$319,633 in 1924, an increase of \$133,133 or over 71 per cent.

Table I.- Production by provinces - 1924.

Principal products		Canada		Ontario		Other provinces ^x	
		Quantity	Value	Quantity	Value	Quantity	Value
Evaporated apples	lb.	2,575,558	\$ 300,432	2,133,740	\$ 246,435	442,218	\$ 53,997
Apple chop and waste	"	1,136,590	18,736	986,590	17,501	150,000	1,235
Vinegar	gallon	3,100	465	3,100	465	-	-
Total		-	319,633	-	264,401	-	55,232

^x Includes:- Nova Scotia 2 British Columbia 2.

CAPITAL INVESTMENT.

The capital employed in dried and evaporated fruit and vegetable factories during the calendar year 1924 is given by provinces in Table II. The total capitalization rose from \$204,779 in 1923 to \$352,691 in 1924, an increase of \$147,912.

Table II.- Capital employed by provinces - 1924.

Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery and tools	Materials on hand, Stocks in process etc.	Cash, trading operating, accounts & bills receivable	
	\$	\$	\$	\$
Canada	284,483	51,121	17,087	352,691
Ontario	245,483	48,139	11,587	305,209
Other provinces	39,000	2,982	5,500	47,482

EMPLOYEES, SALARIES AND WAGES.

The number of persons employed in this industry during the calendar year 1924 is given in Table III by (a) classes of employment (b) sex and (c) salary and wage payments. The total number of persons employed during 1923, was 111 who received \$51,875 in salary and wage payments. For the period covered by this report there were 396 employees to whom \$75,344 was paid, being an increase of 285 employees and \$23,469 in the total payroll.

Table III.- Employees, salaries and wages 1924.

Classes of employment	Male No.	Female No.	Salaries & wages
Employees on salaries	6	2	7,387
Employees on wages (average for the season)	161	227	67,957
	167	229	75,344

THE FRUIT AND VEGETABLE PACKING INDUSTRIES IN CANADA, 1924.

OTHER EMPLOYMENT STATISTICS

(6)

The number of days the establishments were in operation during the calendar year 1924 together with the number of hours per day and per week normally worked by wage earners is shown in Table IV (a). The number of wage earners employed during the same period is given by sex and by months in Table IV (b). Employment which is of a seasonal nature reached its maximum in November with 781 and the minimum number reported was in March with 8.

Table IV (a) Days in operation and hours worked 1924.

Number of establishments in operation	45	
	Total	Average
Days in operation on full time	2,134	47.4
" " " " part time	44	1.0
Days idle	11,502	255.6
Hours worked by wage earners by total and average	7,762	9.63
Hours worked by wage earners per week	2,529	56.2

Table IV (b) Wage earners by months - 1924.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	9	4	July	-	-
February	9	3	August	20	30
March	3	5	September	62	80
April	-	-	October	251	382
May	-	-	November	310	471
June	-	-	December	142	159
Total				806	1,134
Average number employed during the season (5 months)				161	227

FUEL CONSUMPTION

The quantity and value of all fuel consumed in the industry during the calendar year 1924 is given in Table V. The total fuel costs rose from \$24,307 in 1923 to \$33,594 in 1924, an increase of \$9,287. Coke was the principal item of fuel of which 1,451 tons were used at a cost of 14,071.

Table V.- Fuel Consumption - 1924.

Kinds of fuel	Unit of measure	Quantity	Cost value \$
Bituminous coal	ton	484	2,708
Anthracite coal	"	1,029	13,838
Lignite coal	"	20	100
Coke	"	1,451	14,071
Gasoline	Gallon	2,077	440
Oil (fuel)	"	25	6
Wood	cord	550	2,371
			33,594

POWER INSTALLATION

The power installed in the industry in the calendar year 1924 is given in Table VI by (a) classes of power (b) number of units in each class and (c) horse power capacity according to manufacturers' rating.

Table VI - Power installation - 1924.

Classes of power	Number of units	Horse power capacity
Steam engines and turbines	1	18
Oil gas and gasoline engines	15	86
Hydraulic turbines or water wheels	1	10
Total primary power	17	114
Electric motors operated by purchased power	26	123
Total electric motors	26	123
Total power installation	43	237
Boilers installed	2 T.H.P.	166

MATERIALS USED.

The quantity and value of the principal materials used in this section of the industry is given by provinces in Table VII for the calendar year 1924. The total cost of all materials used rose from \$68,072 in 1923 to \$145,118 in 1924, an increase of \$77,046.

Table VII.- Materials used by provinces - 1924.

Principal Materials		Canada		Ontario		Other provinces	
		Quantity	Value	Quantity	Value	Quantity	Value
Apples	Lb.	24,525,582	125,314	20,469,707	108,413	4,055,875	16,901
Containers		-	17,110	-	13,702	-	3,408
Labels, etc.		-	493	-	296	-	197
All other materials		-	2,201	-	1,440	-	761
		-	145,118	-	123,851	-	21,267

IMPORTS AND EXPORTS

The quantity and value of evaporated fruits and vegetables imported into and exported from Canada during the calendar year 1924 is given in Table VIII.

Table VIII. Imports and exports of evaporated fruits and vegetables - 1924.

	Imports		Exports	
	Quantity Lb.	Value \$	Quantity Lb.	Value \$
Apples, dried	1,383,124	44,057	1,819,401	202,889
Apricots "	1,816,358	190,456	-	-
Peaches "	1,999,413	166,006	-	-
All other dried fruits	509,812	8,000	6,1	120
Potatoes dried, desiccated & etc.	-	3,699	2,506	608
Total	-	422,207	-	203,617

SECTION III.- FRUITS PRESERVED, JAMS AND JELLIES.

This section is devoted to statistics relating to establishments whose principal products are preserved fruits, jams, jellies, marmalades, etc. The number of plants in operation during the calendar year 1924 was 48 of which 22 were in Ontario, 13 in British Columbia, 9 in Quebec, 2 in New Brunswick, 1 in Nova Scotia and 1 in Alberta.

PRODUCTION

The quantity and value of the various products of the industry is given in Table I for the calendar year 1924. The total value of production rose from \$5,503,209 in 1923 to \$6,165,565 in 1924, an increase of \$662,356.

Table I.- Production of preserved fruits, jams, jellies, etc. 1924.

	Unit of measure	Quantity	Value \$
Preserved fruits - Jams	pound	25,586,233	3,328,535
Jellies	"	1,745,907	216,800
Marmalades	"	4,710,348	583,040
Preserved or glace fruits	gallon	126,849	413,158
Syrups	"	99,112	170,093
All other	-	-	4,165
Canned fruits	cases	52,125	210,099
" vegetables	"	57,800	191,373
All other miscellaneous products	-	-	1,048,302
Total	-	-	6,165,565

CAPITAL INVESTMENT

The capital employed in this section of the industry is given in Table II for the calendar year 1924. The total capital in 1923 was \$5,726,975, whilst the amount reported for the year 1924 was \$6,261,941, an increase of \$534,966.

Table II. - Capital invested by provinces - 1924.

Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures machinery & tools	Materials on hand, Stocks in process etc. etc.	Cash, trad- ing & oper- ating, acc- ounts, etc.	
	\$	\$	\$	\$
CANADA				
Ontario	2,817,294	2,106,188	1,338,459	6,261,941
British Col- umbia	1,878,776	1,306,220	844,475	4,029,471
Quebec	327,057	370,050	314,780	1,011,887
Other provinces	20,450	11,109	5,322	36,881

EMPLOYEES, SALARIES AND WAGES

The number of persons employed in the industry during the calendar year 1924 is shown in Table III by (a) classes of employment (b) sex and (c) salary and wage payments. There was a slight decrease in total number of employees the number reported for 1923 being 1,195, whilst for the period covered by this report the number was 1,127, a net decrease of 68. On the other hand, the total payroll rose from \$767,785 in 1923 to \$875,142 in 1924, an increase of \$107,357.

Table III.- Employees, salaries and wages - 1924.

Classes of employment	Male No.	Female No.	Salaries & wages \$
Employees on salaries	136	52	318,946
Employees on wages (average number)	362	527	556,196
	498	629	875,142

OTHER EMPLOYMENT STATISTICS

The number of days the factories were in operation during the calendar year 1924 together with the number of hours per day and per week normally worked by wage earners, will be found in Table IV (a). The number of wage earners employed during the same period is given by sex and by months in Table IV (b). Employment attained its maximum in the month of July when 2,212 persons were reported whilst the minimum/re-number recorded was 483 in January.

Table IV (a) - Days in operation and hours worked - 1924.

Number of establishments in operation	48	
	Total	Average
Days in operation on full time	11,241	24.2
" " " " part "	1,178	24.5
Days idle	2,173	45.3
Hours worked by wage earners by totals and average	20,980	9.28
Number of hours worked by wage earners per week	2,827	58.9

Table IV (b) - Wage earners by months - 1924.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	228	255	July	577	1,635
February	236	250	August	452	749
March	283	294	September	534	922
April	274	258	October	452	704
May	276	278	November	368	525
June	358	682	December	303	376
			Total	4,341	6,928
Average number employed during the year				362	577

FUEL CONSUMPTION

The quantity and value of the various kinds of fuel consumed in the industry during the calendar year 1924 is shown in Table V. The total cost of all fuel fell from \$74,670 to \$64,298, a decrease of \$10,372.

Table V.- Fuel Consumption - 1924.

Kinds of fuel	Unit of measure	Quantity	Value \$
Bituminous coal	ton	8,016	51,181
Anthracite coal	"	159	805
Coke	"	19	192
Gasoline	gallon	4,643	1,230
Oil (fuel)	"	9,355	1,172
Wood	cord	1,444	6,351
Gas	M.C. ft.	3,763	3,309
Other fuel	-	-	58
	-	-	64,298

POWER INSTALLATION.

The power installation of this section of the industry is given for the calendar year 1924 in Table VI by (a) classes of power (b) number of units in each class and (c) horse-power capacity according to manufacturers' rating. In 1923 the number of units was 141 with 1,403 horse power. For the year 1924 the amount reported was 152 units developing 1,655 horse-power, an increase of 11 units and 252 horse-power.

Table VI.- Power Installation - 1924.

Classes of power	Number of units	Horse power capacity
Steam engines and turbines	19	748
Oil gas and gasoline engines	2	24
Total primary power	21	772
Electric motors operated by purchased power	124	780
" " " by power generated at the factory	7	103
Total electric motors	131	883
Total power installation	152	1,655

MATERIALS USED

The quantity and value of the principal materials used in fruit preservation is given in Table VII for the calendar year 1924. The total cost of all materials rose from \$3,722,196 in 1923 to \$4,217,836, an increase of \$495,640.

Table VII.- Materials used - 1924.

Principal materials	Unit of measure	Quantity	Cost value at factory \$
Fruit for preserving, canning, etc.	pound	17,991,806	1,099,524
Vegetables for " " "	"	13,329,034	253,381
Sugar	"	17,692,869	1,455,619
Salt	"	529,577	5,059
Pectin	"	631,948	84,124
Glucose	"	2,992,776	143,736
Spices of all kinds	"	23,999	6,605
Vinegar	gallon	113,925	24,450
Other vinegar materials	"	600	250
Containers	-	-	883,799
Labels, caps, etc.	-	-	109,585
All other materials	-	-	151,704
Total		-	4,217,836

IMPORTS AND EXPORTS

The quantity and value of preserved fruits imported into Canada for consumption during 1924 is given in Table VIII. There were no exports of preserved fruit.

Table VIII.— Imports by Countries - 1924.

Articles Importes	United Kingdom		United States		Other countries	
	Quantity	Value \$	Quantity	Value \$	Quantity	Value \$
Jams, jellies and preserves, n.o.p. lb.	1,693,566	246,266	56,350	16,671	298,087	63,313
Fruits preserved in brandy gallon	-	-	4	60	-	-
Total imports	-	246,266	-	16,731	-	63,313

SECTION IV.— VINEGAR, CIDER, PICKLES, SAUCES AND RELISHES.

The number of establishments engaged in the manufacture of vinegar, cider, pickles, sauces and relishes during the calendar year 1924 was 60 of which 37 were in Ontario, 3 in Quebec, 5 in British Columbia, 4 in Manitoba, 3 in Alberta, 1 in Saskatchewan, 1 in Nova Scotia and 1 in New Brunswick.

PRINCIPAL STATISTICS

A summary of the principal statistics of this section of the industry is given by provinces in Table I for the calendar year 1924.

Table I.— Principal Statistics by provinces - 1924.

	Canada	Ontario	Quebec	British Columbia	Manitoba	Alberta	Other Provinces
Establishments	No. 60	37	3	5	4	3	3
Capital investment	\$ 5,341,649	5,032,407	251,015	78,162	324,911	73,429	77,725
Employees on salaries	No. 137	109	9	3	9	3	4
male	No. 137	109	9	3	9	3	4
female	No. 30	23	1	1	2	1	2
salaries	\$ 284,040	213,760	15,300	6,680	33,020	6,480	8,300
Employees on wages	No. 507	475	32	10	15	8	7
(average number)	No. 294	239	10	6	29	1	7
wages	\$ 679,719	579,802	74,810	16,754	29,926	8,147	10,230
Power installation	units No. 351	314	9	11	10	4	3
capacity H.P.	2,483	2,260	33	57	106	9	18
Cost of fuel	\$ 106,636	98,739	3,926	728	2,465	625	553
Cost of materials	\$ 3,250,249	2,818,210	100,299	47,745	193,982	38,351	51,662
Gross value of products	\$ 7,846,197	7,009,233	242,295	106,522	323,649	74,987	89,511
Net value of products	\$ 4,595,948	4,191,023	141,996	58,777	129,667	36,636	37,049

x Includes:— Saskatchewan 1, Nova Scotia 1, New Brunswick 1.

THE FRUIT AND VEGETABLE PACKING INDUSTRIES OF CANADA, 1924.

PRODUCTION

The quantity and value of the various products of the industry is given by provinces in Table II for the calendar year 1924. The total value of all products rose from \$5,697,051 in 1923 to \$7,846,197 in 1924, an increase of \$2,149,146. Catsup sauces and relishes take first place in importance, followed by baked beans, whilst vinegar occupies third place and pickles of all kinds take fourth position. These four items, together amount to \$5,955,653 or 75 per cent of the total value of production.

Table II.- Production by Provinces - 1924.

Principal products		CANADA		ONTARIO		QUEBEC		WESTERN PROVINCES ^{1/}		OTHER PROVINCES ^{2/}	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Catsup, sauces & relishes	gallon	1,157,104	1,993,884	1,153,667	1,988,071	1,000	700	2,437	5,113	-	-
Baked beans	can.	487,661	1,471,525	487,661	1,471,525	-	-	-	-	-	-
Vinegar	gallon	3,733,979	1,283,713	2,135,392	797,094	729,886	197,820	768,701	261,156	100,000	27,643
Pickles all kinds	"	634,189	1,206,531	444,596	930,006	21,120	26,840	97,473	188,067	71,000	61,618
Prepared mustard	"	115,583	110,076	102,778	98,375	9,100	9,460	3,705	2,241	-	-
Fruit pectin	lb.	4,384,538	509,830	4,384,538	509,830	-	-	-	-	-	-
Sauerkraut	"	1,483,683	66,949	1,322,480	61,475	-	-	161,203	5,474	-	-
Cider	gallon	297,615	61,600	284,115	55,600	-	-	12,500	5,750	1,000	250
Salad dressing	"	21,112	74,423	18,602	69,563	-	-	2,510	4,800	-	-
All other products		-	1,067,666	-	1,027,694	-	7,475	-	32,497	-	-
TOTAL		-	7,846,197	-	7,009,233	-	242,295	-	505,158	-	89,511

^{1/} Includes:- British Columbia 5, Manitoba 4, Alberta 3.

^{2/} Includes:- New Brunswick 1, Nova Scotia 1, Saskatchewan 1.

CAPITAL INVESTMENT

The capital employed in this section of the industry during the calendar year 1924 is shown in Table III by provinces. The total capitalization fell from \$5,917,416 in 1923 to \$5,341,649 in 1924, a decrease of \$75,767. To this total the province of Ontario contributed \$5,032,407, which is equal to 96.1 per cent of the entire capitalization for the Dominion.

Table III.— Capital investment by provinces - 1924.

Provinces	Fixed Capital	Working Capital		Total Capital
	Land buildings, fixtures, machinery and tools	Materials on hand, Stocks in process, etc.	Cash trading, & operating accounts & bills receivable	
	\$	\$	\$	\$
CANADA	2,730,494	2,765,470	345,685	5,841,649
Ontario	2,251,215	2,504,341	276,351	5,032,407
Quebec	149,244	67,965	33,806	251,015
British Columbia	21,281	45,153	11,728	78,162
Manitoba	225,466	91,051	12,394	328,911
Alberta	35,538	27,181	10,710	73,429
Other provinces	47,750	29,279	696	77,725

EMPLOYEES, SALARIES AND WAGES

The number of persons employed in the production of vinegar, cider, pickles and sauces during the calendar year 1924 is given in Table IV by (a) classes of employment (b) sex and (c) salary and wage payments. For the year 1923 the total employees reported was 992, whose remuneration amounted to \$999,283. In 1924, the number of employees diminished to the extent of 24, whilst the payroll also was reduced by \$35,524.

Table IV.— Employees salaries and wages - 1924.

Classes of employment	Male No.	Female No.	Salaries & wages
Employees on salaries	137	30	234,040
Employees on wages (average number)	507	294	679,719
	644	324	963,759

OTHER EMPLOYMENT STATISTICS

The number of days the establishments were in operation during the year together with the number of hours per day and per week normally worked by wage earners will be found in Table V (a). The number of wage earners employed throughout the year is given by sex and by months in Table V (b). Considerable variation is noticeable, due to the seasonal nature of the industry. Employment reached the peak in September with 1,312, whilst the lowest number reported was 574 in January.

Table V (a) Days in operation & hours worked - 1924.

Number of establishments in operation	60	
	Total	Average
Days in operation on full time	10,749	179.2
" " " " part "	879	14.6
Days idle	6,612	110.2
Hours worked by wage earners by totals and average	13,612	9.42
Number of hours worked by wage earners per week	2,909	48.5

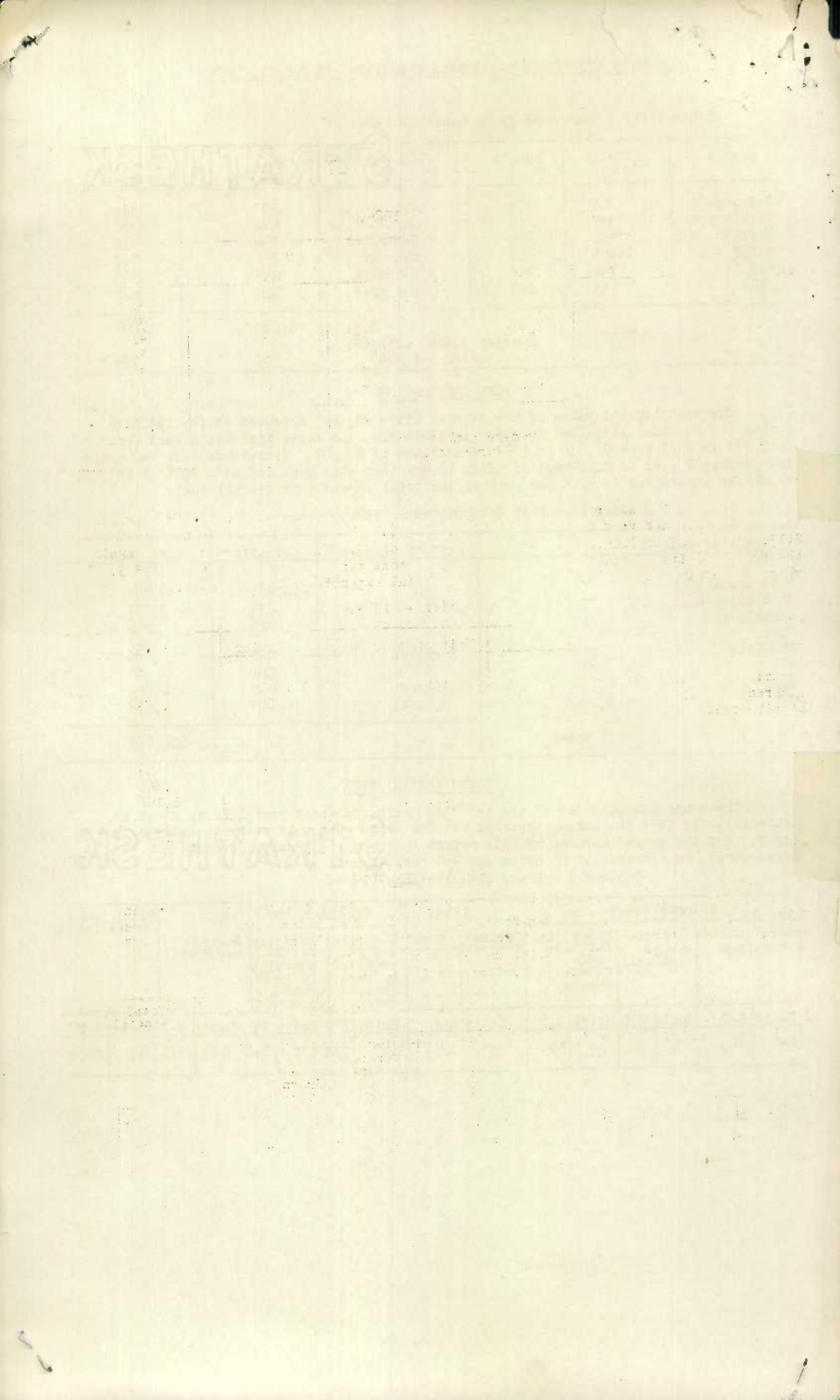


Table V (b) - Wage earners by months - 1924.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	363	206	July	503	326
February	377	255	August	581	321
March	402	248	September	894	418
April	448	286	October	761	377
May	376	271	November	499	305
June	453	282	December	426	229
Total			6,088		
Average number employed during the year			507		
			3,524		
			294		

FUEL CONSUMPTION

The quantity and value of the several kinds of fuel consumed in the industry during the calendar year 1924 is given in Table VI. The total fuel costs fell from \$113,645 in 1923 to \$106,636 in 1924, a decrease of \$7,009. Bituminous coal was again the principal item of fuel used of which 16,501 tons were consumed at a cost of \$99,021 which was equivalent to 92.8 per cent of the total expenditure for all fuel.

Table VI.- Fuel Consumption - 1924.

Kinds of fuel	Unit of measure	Quantity	Cost value
			\$
Bituminous coal	ton	16,501	99,021
Anthracite coal	"	275	3,074
Lignite coal	"	95	640
Coke	"	1	14
Gasoline	gallon	252	66
Oil	"	684	86
Wood	cord	450	2,569
Gas	M.C.ft.	2,190	1,166
Total	-	-	106,636

POWER INSTALLATION

The power installation of the industry for the calendar year 1924 is given in Table VII. In 1923 the amount reported was 286 units with a capacity of 2,014 horse-power. For the period covered by this report there were 351 units developing 2,483 horse-power, an increase of 65 units and 469 horse-power.

Table VII.- Power Installation - 1924.

Primary Power						Total		Secondary Power				Total		Total power installation	
Steam engines & turbines		Oil gas-oline engines		Hydraulic turbines and water wheels		Primary power		Electric motors operated by purchased power		Electric motors operated by power generated at factory		Secondary Power			
Units	H-P	Units	H-P	Units	H-P	Units	H-P	Units	HP	Units	HP	Units	H-P	Units	H-P
24	965	6	38	3	94	33	1097	143	738	175	648	318	1386	351	2483

EXHIBIT 10

The following is a list of the items which have been received from the various sources mentioned in the report of the Committee on the Administration of the University of Chicago, dated June 1, 1946.

Table 10 - Receipts of the University of Chicago

Source	Amount	Date	Description
Gifts	100.00	1/15/46	Gift of books from Mr. J. H. ...
Grants	250.00	2/1/46	Grant from the National Science Foundation
Contributions	75.00	3/1/46	Contribution from the University of ...
Income	150.00	4/1/46	Income from the University of ...
Other	25.00	5/1/46	Other receipts from the University of ...
Total	550.00		

EXHIBIT 11

The following is a list of the items which have been received from the various sources mentioned in the report of the Committee on the Administration of the University of Chicago, dated June 1, 1946.

Table 11 - Receipts of the University of Chicago

Source	Amount	Date	Description
Gifts	100.00	1/15/46	Gift of books from Mr. J. H. ...
Grants	250.00	2/1/46	Grant from the National Science Foundation
Contributions	75.00	3/1/46	Contribution from the University of ...
Income	150.00	4/1/46	Income from the University of ...
Other	25.00	5/1/46	Other receipts from the University of ...
Total	550.00		

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THE FRUIT AND VEGETABLE PACKING INDUSTRIES IN CANADA, 1924.

(14)

MATERIALS USED.

The quantity and value of the various materials used in this section of the industry is shown in Table VIII for the calendar year 1924. The total cost of all materials used rose from \$2,904,468 in 1923 to \$3,250,249 in 1924, an increase of 345,781 over the two year period. Of the total expense for materials Ontario was responsible for \$2,818,210 or nearly 87 per cent.

Table VIII.— Materials used - 1924.

Principal materials	Unit of measure	Quantity	Cost value at factory \$
Fruits for canning, preserving, etc.	pound	13,520,715	132,605
Vegetables for canning, preserving pickling, etc.	"	30,024,406	444,313
Sugar	"	3,297,020	292,709
Salt	"	3,026,887	15,147
Pectin	"	19,809	2,545
Glucose	"	208,305	9,688
Sptsces of all kinds	"	72,941	20,023
Vinegar	gallon	379,022	110,041
Cider	"	11,090	2,426
Other vinegar materials	"	532,612	323,976
Containers	-	-	1,195,017
Labels, caps, etc.	-	-	165,376
All other materials	-	-	535,483
Total	-	-	3,250,249

IMPORTS AND EXPORTS

The quantity and value of vinegar, cider, pickles, sauces and relishes imported into and exported from Canada during the calendar year 1924 is given in Table IX.

Table IX.— Imports and exports - 1924.

Articles	Imports		Exports	
	Quantity	Value \$	Quantity	Value \$
Pickles in bottles, jars, etc.				
gallon	99,913	163,378	-	-
Pickles in bulk	18,206	11,961	-	-
Sauces and catsup in bottles				
gallon	170,113	313,328	-	-
" " " " bulk, gal.	29,544	19,082	-	-
Sauces, soy	103,390	44,559	-	-
Vinegar any strength not above proof, gal.	164,513	101,316)	66,063	27,134
Vinegar above proof strength"	16,257	2,855)		
Cider, not clarified or refined				
gallon	127	38)	177,753	23,512
Cider, clarified or refined				
gallon	506	763)		
Total value imports and exports.	-	657,280	-	50,646