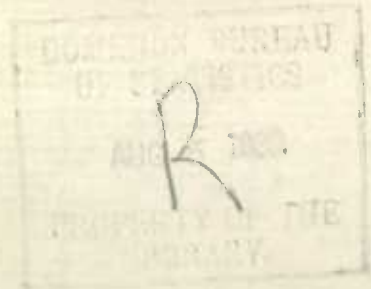


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C A N A D A
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY

REPORT
on the
MACARONI & VERMICELLI INDUSTRY
in
CANADA
1929

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

• • •
OTTAWA

1930

NOTE.- The statistics published in the present statement include only the statistics of such manufacturing establishments as make macaroni and vermicelli as their principal product. The Statistics relating to specific products are therefore not to be regarded as comprehensive, as these products are also found as secondary products of other industries such as biscuits and confectionery and pickles, sauces etc.

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

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

THE MACARONI AND VERMICELLI INDUSTRY IN CANADA, 1929.

Ottawa, July, 1930. A report is herewith presented on the production of macaroni and vermicelli in Canada during the calendar year 1929. The number of establishments reporting rose from 9 in 1923 to 11 in 1924, 1925, 1926, 1927, 1928 and to 12 in 1929, which were located by provinces as follows:- Ontario 3, Quebec 2, Manitoba 2, Alberta 1, British Columbia 4. In order to prevent disclosure of information concerning individual establishments, statistics for the last three provinces have been combined and are shown throughout this report under the head of Western provinces. A summary of the principal statistics of the industry is given in Table I. compared for the calendar years 1928 and 1929.

Table I. - Principal Statistics, 1928 and 1929.

		1928	1929
Establishments	No.	11	12
Capital investment	\$	1,250,832	1,843,282
Employees on salaries - Male	No.	49	34
Female	No.	14	11
Salaries	\$	89,120	71,945
Employees on wages (Average Number) - Male	No.	130	129
Female	No.	106	106
Wages	\$	157,301	143,415
Cost of fuel	\$	7,754	6,141
Power installation - units	No.	206	139
capacity	h.p.	904	628
Cost of materials	\$	902,958	755,576
Gross value of products	\$	1,476,171	1,484,262
Net value of products	\$	573,213	728,686

Production

The quantity and value of macaroni, vermicelli, etc., produced during the calendar years 1928 and 1929 is given by provinces in Table II. There was a decrease in the quantity produced, but a slight increase in the selling value of the product. In 1928 the amount was reported at 18,662,465 pounds valued at \$1,423,746, whilst in the period covered by this report the quantity fell to 16,961,312 pounds worth \$1,454,684, a decrease of 1,701,153 pounds with an increase in selling value of \$30,938. Other products to the value of \$52,425 were reported in 1928 and \$29,578 in 1929.

Table II. - Production, by provinces, 1928 and 1929.

Classes of Products	Canada		Quebec		Ontario		Western Provinces	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Lb.	\$	Lb.	\$	Lb.	\$	Lb.	\$
<u>1928</u>								
Macaroni, vermicelli, etc.	18,662,465	1,423,746	12,436,979	923,474	4,258,953	336,343	1,966,533	163,929
Other products	640,846	52,425	640,846	52,425	-	-	-	-
Total Value	-	1,476,171	-	975,899	-	336,343	-	163,929
<u>1929</u>								
Macaroni, vermicelli, etc.	16,961,312	1,454,684	11,654,561	1,010,967	1,904,094	157,744	3,402,657	285,973
Other products	322,938	29,578	322,938	29,578	-	-	-	-
Total Value	-	1,484,262	-	1,040,545	1,904,094	157,744	3,402,657	285,973

Capital Investment

The capital employed in the industry during the calendar year 1929 is given by provinces in Table III. The total capitalization rose from \$1,250,832 in 1928 to \$1,843,282 in 1929, an increase of \$592,450. Of the total capitalization the province of Quebec contributed \$1,206,999 being 65.5 per cent of the total capital investment in the Dominion.

Table III. - Capital Investment by Provinces, 1929

Province	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery and tools	Materials on hand, stocks in process.	Cash, trading and operating accounts, etc.	
	\$	\$	\$	\$
CANADA	1,300,980	289,065	253,237	1,843,282
Quebec	797,022	168,190	241,787	1,206,999
Ontario	146,842	36,899	1,408	185,149
Western Provinces	357,116	83,976	10,042	451,134

Employees, Salaries and Wages

The number of persons employed in the industry during the calendar year 1929 is given in Table IV by (a) classes of employment, (b) sex and (c) salary and wage payments. The total number of employees fell from 299 in 1928 to 280 in 1929, a decrease of 19, whilst the payroll fell from \$246,421 in 1928 to \$215,360 in 1929, a decrease of \$31,061.

Table IV. - Employees, Salaries and Wages, 1929.

Classes of Employment	Male	Female	Salaries and Wages
	No.	No.	\$
Employees on salaries	34	11	71,945
Employees on wages (average number)	129	106	143,415
T O T A L	163	117	215,360

Other Employment Statistics

The number of days the establishments were in operation during the calendar year 1929, together with the number of hours per day and per week normally worked by wage-earners is shown in Table V. (a). The number of wage-earners employed during the same period are given by sex and by months in Table V (b). Employment reached the peak in September, when 254 persons were on the payroll, whilst the least number reported was 27 in the month of December. This low figure is accounted for by a change in the financial year of some of the more important firms.

Table V. (a). - Days in operation and Hours worked, 1929.

Number of establishments in operation	12	
	Total	Average
Days in operation on full time	2,873	239.42
Days in operation on part time	30	2.50
Days idle	745	62.08
Number of hours worked by wage-earners per day	112	9.33
Number of hours worked by wage-earners per week	664	55.33



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THE BOARD OF DIRECTORS OF THE
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REVENUE		EXPENDITURE	
1911	1910	1911	1910
100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00

Other Employment Statistics - Con.

Table V. (b). - Wage-earners by Months, 1929.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	108	85	July	122	109
February	102	101	August	130	112
March	110	104	September	143	111
April	106	99	October	138	109
May	109	90	November	134	99
June	108	92	December	18	9
Total				1,328	1,120
Average number employed during the year				129	106

The number and percentage of wage-earners in month of highest employment working specified hours is shown in Tables VI.(a) and VI.(b) for Canada and the provinces. From Table VI.(a) it appears that the ten hour day prevails in the industry for Canada and the provinces of Quebec and Ontario, whilst in the Western Provinces the prevailing rate is divided between the eight, nine and ten hour day.

Table VI.(a) Hours Worked by Wage-earners in Month of Highest Employment, 1929.

Province	Wage-earners in month of highest employment working per day of -				Percentage of wage-earners working per day of -			
	8 hours or less	9 hours	10 hours	Over 10 hours	8 hours or less	9 hours	10 hours	Over 10 hours
CANADA	9	21	242	-	3.31	7.72	88.97	-
Quebec	-	-	170	-	-	-	100.00	-
Ontario	-	-	31	-	-	-	100.00	-
Western Provinces	9	21	41	-	12.68	29.58	57.74	-

The hours worked per day in the month of highest employment and the standard working hours per week are shown by provinces in Table VI.(b). It should be noted that the statistics relating to hours of labour in columns 1, 2 and 3 are based on figures compiled from month of highest employment, whilst those in columns 4 and 5 represent the total and average standard weekly hours of labour for the number of establishments reporting to the Bureau.

The average daily hours of labour computed on the above basis was for the Dominion 9.85, whilst the average of standard weekly hours worked out at 55.33 per establishment.

Table VI.(b) - Hours of Labour per day and per week, 1929.

Provinces	Total hours worked and total number of wage-earners in month of highest employment.			Standard working hours per week per plant.	
	Total hours	Total Wage- earners	Average hours per day per wage-earner	Total	Average
CANADA	2,681	272	9.85	664	55.33
Quebec	1,700	170	10.00	120	60.00
Ontario	310	31	10.00	180	60.00
Western Provinces	671	71	9.45	364	52.00



THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES

REPORT OF THE
COMMISSIONER OF THE
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ON THE
PROGRESS OF THE
WORK DURING THE
YEAR 1907

BY
JOHN W. COVILLE,
DIRECTOR

WASHINGTON:
GOVERNMENT PRINTING OFFICE
1908

NAME	AGE	SEX	RELATION	EDUCATION	INDUSTRY
JOHN W. COVILLE	45	M	Director	Ph.D.	Geology
JOHN W. COVILLE	45	M	Director	Ph.D.	Geology
JOHN W. COVILLE	45	M	Director	Ph.D.	Geology
JOHN W. COVILLE	45	M	Director	Ph.D.	Geology
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Materials Used

The cost of materials decreased from \$902,958 in 1928 to \$755,576 in 1929, a decrease of 16 per cent. The province of Quebec supplied nearly 70 per cent of the total cost of all materials in 1929 as compared with 68.5 per cent in 1928. Statistics for 1929 are presented in the summary table following.

Kind	Unit of Measure	Quantity	Cost Value
			\$
Flour, semolina, etc.	Lb.	17,122,306	572,997
Other Materials	-	-	20,869
Containers, packaging materials, etc.	-	-	161,710
T O T A L	-	-	755,576

Fuel Consumption

The quantity and cost of all fuel consumed in the industry during the calendar year 1929 is given in Table VII. Fuel costs amounted in 1929 to \$6,141, a decrease of \$1,613 from the previous year.

Table VII. - Fuel Consumption, 1929

Kinds of fuel	Unit of Measure	Quantity	Cost Value
Bituminous Coal	Ton	110	745
Anthracite coal	"	20	225
Lignite coal	"	766	3,939
Coke	"	17	218
Oil (fuel)	gallon	4,960	694
Wood	cord	15	75
Gas, manufactured	M cu. ft.	-	245
T O T A L	-	-	6,141

Power Installation

The power employed in the industry during the calendar year 1929, is given in Table VIII. The only class of power reported was electric motors operated by purchased power, whose total rose from 193 units with 944 horse power capacity in 1927 to 206 units of 904 horse power in 1928, but fell in capacity in 1929 by 276 horse power, whilst the number of units decreased by 67.

Table VIII. - Power Installation, 1929.

Classes of power	Number of units	Horse-power Capacity
Electric motors operated by purchased power	139	628

RECEIPT

Received of _____ the sum of _____ Dollars for _____

RECEIPT

Received of _____ the sum of _____ Dollars for _____

Date		Amount		Particulars	
1900	Jan 1	100.00		Balance forward	
1900	Jan 15	50.00		Received from _____	
1900	Feb 1	25.00		Received from _____	
1900	Mar 1	75.00		Received from _____	
1900	Apr 1	100.00		Received from _____	
1900	May 1	50.00		Received from _____	
1900	Jun 1	25.00		Received from _____	
1900	Jul 1	75.00		Received from _____	
1900	Aug 1	100.00		Received from _____	
1900	Sep 1	50.00		Received from _____	
1900	Oct 1	25.00		Received from _____	
1900	Nov 1	75.00		Received from _____	
1900	Dec 1	100.00		Received from _____	

RECEIPT

Received of _____ the sum of _____ Dollars for _____

Date		Amount		Particulars	
1900	Jan 1	100.00		Balance forward	
1900	Jan 15	50.00		Received from _____	
1900	Feb 1	25.00		Received from _____	
1900	Mar 1	75.00		Received from _____	
1900	Apr 1	100.00		Received from _____	
1900	May 1	50.00		Received from _____	
1900	Jun 1	25.00		Received from _____	
1900	Jul 1	75.00		Received from _____	
1900	Aug 1	100.00		Received from _____	
1900	Sep 1	50.00		Received from _____	
1900	Oct 1	25.00		Received from _____	
1900	Nov 1	75.00		Received from _____	
1900	Dec 1	100.00		Received from _____	

Imports and Exports

The quantity and value of macaroni, vermicelli and spaghetti imported into and exported from Canada during the calendar year 1929 is given in Table IX. by principal countries.

Table IX. - Imports and Exports of Macaroni, etc., 1929.

Articles and Countries	Quantity Lbs.	Value \$
<u>I M P O R T S</u>		
Macaroni and vermicelli -		
United Kingdom	542	56
United States	2,977,731	242,102
France	522,031	31,966
Italy	59,980	4,185
Other Countries	87,041	5,312
T O T A L S	3,647,325	283,621
<u>E X P O R T S</u>		
Macaroni and vermicelli -		
United Kingdom	136,572	8,256
United States	1,402	125
China	22,840	1,430
Bermuda	39,555	2,991
Barbados	5,874	472
Jamaica	30,254	2,544
Trinidad and Tobago	39,620	3,193
Other British West Indies	3,175	326
British Guiana	7,854	666
Newfoundland	34,651	3,099
New Zealand	255,328	19,206
Other Countries	5,137	420
T O T A L S	582,262	42,728

Consumption

The apparent consumption of macaroni products is shown in Table X. for the calendar years 1928 and 1929, by totals and per capita.

	1 9 2 8		1 9 2 9	
	Quantity Lb.	Value \$	Quantity Lb.	Value \$
Production	18,622,465	1,423,746	16,961,312	1,454,684
Plus Imports	2,627,482	236,263	3,647,325	283,621
T O T A L	21,259,947	1,660,009	20,608,637	1,738,305
Less Exports	636,679	51,597	582,262	42,728
Total Apparent Consumption	20,653,268	1,608,412	20,026,375	1,695,577
Per Capita	2.14	.166	.205	.173

APPENDIX

MANUFACTURERS OF MACARONI, SPAGHETTI, VERMICELLI, ETC.

1929

Catelli Macaroni Products Corporation, Ltd.,	305 Bellechasse St., Montreal, Quebec.
Catelli Macaroni Products Corporation, Ltd.,	5510 St. Dominique St., Montreal, "
Catelli Macaroni Products Corporation, Ltd.	Yate & Salina Sts., St. Catharines, Ont.
Dominico Strano, Esq.	Huntsville, Ontario.
Catelli Macaroni Products Corporation, Ltd.	91 Center Street, Toronto, Ontario.
Catelli Macaroni Products Corporation, Ltd.	427 Henry Ave., Winnipeg, Manitoba.
Marius & Company,	471 De Lamorenie Street, St. Boniface, Manitoba.
Catelli Macaroni Products Corporation, Ltd.	Lethbridge, Alberta.
Louie Gain (FarKay Noodle Factory)	433 Georgia Street, East, Vancouver, British Columbia.
Canadian Italian Macaroni Mfg. Co. Ltd.,	1315 Hastings St. E., Vancouver, British Columbia.
Catelli Macaroni Products Corporation, Ltd.	1106 Mainland St., Vancouver, "
Otojiro Sone.	127-4th Ave. West, Vancouver, "

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